GEOLOGICAL SURVEY OF CANADA OPEN FILE 1641

(63I, parts of 63H and 63P)

CANADA – MANITOBA MINERAL DEVELOPMENT AGREEMENT (1984 – 1989)

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL DATA, CENTRAL MANITOBA

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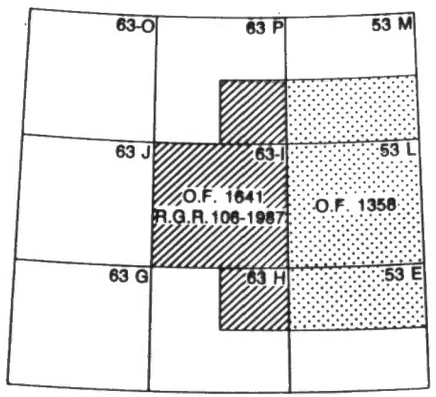
NATIONAL GEOCHEMICAL RECONNAISSANCE LAKE SEDIMENT AND WATER GEOCHEMICAL DATA, MANITOBA 1988,
GSC OPEN FILE 1641, NGR 106 – 1988,
NTS 63I, 63H (NE), 63P (SE)



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

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REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL DATA, MANITOBA 1988, GSC OF 1641, NGR 106 – 1988, NTS 63I, 63H (NE), 63P (SE)

Geological Survey of Canada Open File 1641
Regional Lake Sediment and Water Geochemical Reconnaissance Data
Central Manitoba, consisting of NTS 63I and parts of NTS 63H and 63P

INTRODUCTION

Open File 1641 is one of eight regional geochemical open files covering parts of northern Manitoba which were sampled since 1984 as part of the Canada – Manitoba Mineral Development Agreement. Open file 1641 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 Manitoba Department of Energy and Mines under the Canada – Manitoba Mineral Development Agreement (1984 – 1989).

The data base of the survey contributes to a national geochemical reconnaissance and are 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 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 processed incoming and outgoing materials, supplies and samples.

J.C. Bélec 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 21,600 square kilometres of the central Manitoba 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 = 20 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 = 2 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 – 0.2 ppm; Mg 0.02 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.

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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
F	Flourine	20	ppm	ISE
V	Vanadium	5	ppm	AAS
Cd	Cadmium	0.2	ppm	AAS
Sb	Antimony	0.2	ppm	AAS
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	0.2	ppm	ICP – ES
Mg	Magnesium	0.02	ppm	ICP – ES
T-Alk	Total Alkalinity	2	ppm	TIT

AAS – Atomic absorption spectrometry
FA – NA – Fire assay preconcentration – neutron activation
GCM – Glass Calomel electrode and pH meter
GRAV – Gravimetry
ICP – ES – Inductively coupled plasma emission spectroscopy
ISE – Ion selective electrode
LIF – Laser-induced fluorescence
NADNC – Neutron Activation delayed neutron counting
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: Proterozoic Molson dykes Archean Pegmatite Granitoid gneiss Gabbro and diorite Metasedimentary rocks Metasedimentary rocks Felsic metavolcanics Mafic – intermediate metavolcanics Felsic granulites Ultramafics	 ADA AGGX AGG AGB AGS AGVS AGFV AGMV AFGR AGU	28 – 31 "ADA" "AGGX" "AGG" "AGB" "AGS" "AGVS" "AGFV" "AGMV" "AFGR" "AGU"
LAKE AREA	The area of the water body sampled: Pond ½ 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"

TABLE 2 – Continued

FIELD RECORD	DEFINITION	TEXT CODE	DIGITAL RECORD COLUMN AND CODE
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"
COLR	Sediment sample colour; up to two colours may be selected: Tan Yellow Green Grey Brown Black	 Tn Yl Gn Gy Br Bk	52 – 57 "1 " " 1 " " 1 " " 1 " " 1 " " 1"
SUSP	Suspended matter in water: None Heavy Light	 Hvy Lgt	58 – 59 " " "1 " " 1"
AGE	Stratigraphic age of dominant rock type in catchment basin: Proterozoic Archean	 04 02	60 – 61 "04" "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	0.2	26 – 30
Mg – WATERS	Magnesium in lake waters	ppm	0.02	31 – 35
T – Alk – WATERS	Total alkalinity in lake waters	ppm	2	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
63H	871002	14	696323	5986027	AGB	02	>5	4	00	Lw	-	GnGy	-
63H	871003	14	694045	5976019	AGMV	02	>5	2	10	Lw	-	Gn	-
63H	871004	14	694045	5976019	AGMV	02	>5	2	20	Lw	-	Gn	-
63H	871005	14	696201	5976463	AGMV	02	>5	5	00	Lw	-	GnGy	-
63H	871006	14	696546	5974998	AGG	02	>5	2	00	Lw	-	GnBr	-
63H	871007	14	697043	5972268	AGG	02	>5	2	00	Lw	-	GnBr	-
63H	871008	14	695500	5970129	AGG	02	1-5	4	00	Lw	-	GnBr	-
63H	871009	14	695782	5966476	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871010	14	696890	5962646	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871011	14	697430	5959562	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871012	14	695881	5957879	AGG	02	1-5	12	00	Lw	-	GnBr	-
63H	871013	14	697664	5955250	AGG	02	.25-1	8	00	Lw	-	GnBr	-
63H	871014	14	698043	5953190	AGG	02	1-5	10	00	Lw	-	Br	-
63H	871015	14	697586	5949679	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871016	14	698104	5945473	AGG	02	1-5	2	00	Lw	-	GnBr	-
63H	871017	14	696184	5944405	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871018	14	695934	5939788	AGG	02	1-5	2	00	Lw	-	GnBr	-
63H	871019	14	697733	5939530	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63H	871022	14	698604	5936773	AGG	02	.25-1	6	10	Lw	-	GnBr	-
63H	871023	14	698604	5936773	AGG	02	.25-1	6	20	Lw	-	GnBr	-
63H	871024	14	695501	5932000	AGG	02	>5	3	00	Lw	-	GnGy	-
63H	871025	14	691218	5932938	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871026	14	688036	5933620	AGG	02	>5	2	00	Lw	-	GnGy	-
63H	871027	14	688342	5935690	AGG	02	>5	4	00	Lw	-	GnGy	-
63H	871029	14	691871	5935597	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63H	871030	14	694217	5937038	AGG	02	>5	4	00	Lw	-	GnGy	-
63H	871031	14	690927	5938985	AGG	02	>5	4	00	Lw	-	GnGy	-
63H	871032	14	687806	5939839	AGG	02	>5	20	00	Lw	-	GnGy	-
63H	871033	14	690587	5941883	AGG	02	1-5	3	00	Lw	-	Br	-
63H	871034	14	693475	5940962	AGG	02	1-5	4	00	Lw	-	GnBr	-
63H	871035	14	691727	5943794	AGG	02	1-5	4	00	Lw	-	GnBr	-
63H	871036	14	694310	5944181	AGG	02	.25-1	3	00	Lw	-	Br	-
63H	871037	14	693521	5946482	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871038	14	691577	5948019	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871039	14	694580	5950934	AGG	02	1-5	2	00	Lw	-	GnBr	-
63H	871040	14	694207	5955174	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871042	14	693857	5959186	AGG	02	1-5	15	00	Lw	-	Gy	-
63H	871043	14	693271	5961985	AGG	02	.25-1	1	10	Lw	-	Br	-
63H	871044	14	693271	5961985	AGG	02	.25-1	1	20	Lw	-	Br	-
63H	871045	14	690792	5961910	AGG	02	1-5	2	00	Lw	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871002	86	23	15	27	10	<	269	2.0	2	2.77	60	22.8	3.2	300	28	<	<	1	10.0	-	-	50	6.6	<	15.2	3.68	53
63H	871003	93	19	14	23	8	<	384	2.0	2	2.20	25	27.0	2.5	280	24	<	<	<	10.0	-	-	50	6.7	0.20	14.4	3.56	51
63H	871004	81	18	10	20	5	<	354	1.0	<	1.50	30	41.2	3.0	240	22	<	<	<	10.0	-	-	50	6.8	<	15.0	3.56	52
63H	871005	102	24	15	30	10	<	412	2.0	<	3.05	45	29.8	3.4	310	38	<	<	<	10.0	-	-	50	6.8	0.14	15.0	3.56	52
63H	871006	77	17	13	22	8	<	325	2.0	<	2.49	45	29.6	3.8	280	23	<	<	<	10.0	-	-	40	6.8	<	11.6	2.68	39
63H	871007	73	16	10	20	7	<	177	<	<	2.10	25	25.6	3.3	285	27	<	<	<	10.0	-	-	40	6.6	0.09	11.2	2.64	37
63H	871008	111	12	7	18	8	0.2	373	<	<	1.34	65	53.8	3.2	200	16	<	<	<	10.0	-	-	40	6.7	<	11.4	2.44	36
63H	871009	123	9	6	13	5	<	121	1.0	2	1.00	70	67.6	3.0	95	13	0.3	<	<	10.0	-	-	40	6.6	<	11.6	2.56	36
63H	871010	154	10	3	11	5	<	82	<	<	0.61	65	69.0	2.9	80	9	0.3	<	<	10.0	-	-	30	6.4	<	5.8	1.36	16
63H	871011	105	14	8	23	8	<	233	<	<	1.63	60	45.6	2.2	185	13	<	<	<	10.0	-	-	30	6.5	<	7.2	1.72	22
63H	871012	123	23	10	27	9	<	277	1.0	<	2.40	45	36.0	3.0	255	23	<	<	<	10.0	-	-	30	6.7	<	8.4	2.12	28
63H	871013	132	22	7	20	8	<	189	<	<	1.42	45	51.6	3.3	150	19	<	<	<	10.0	-	-	30	6.5	<	5.0	1.20	15
63H	871014	142	16	9	18	8	0.3	213	<	<	1.88	120	38.4	2.1	175	19	0.2	<	<	10.0	-	-	30	6.5	<	6.6	1.48	19
63H	871015	103	10	3	15	6	<	184	<	2	0.70	60	53.2	1.3	75	9	0.2	<	<	10.0	-	-	30	6.6	<	9.0	2.08	26
63H	871016	137	10	6	12	6	<	76	<	2	0.76	65	63.2	1.1	100	8	0.2	<	<	10.0	-	-	30	6.4	<	5.4	1.40	16
63H	871017	146	10	8	13	6	<	116	1.0	<	0.87	95	64.0	1.3	90	8	0.3	<	<	10.0	-	-	30	6.3	<	6.4	1.36	17
63H	871018	119	16	4	13	7	<	105	<	<	0.99	55	64.0	1.6	80	15	0.2	<	<	10.0	-	-	30	6.3	<	3.6	0.92	12
63H	871019	183	10	3	9	7	<	80	<	<	0.76	50	72.8	0.7	100	10	0.4	<	<	10.0	-	-	30	5.8	<	2.0	0.56	5
63H	871022	150	15	5	13	6	<	116	<	2	2.24	65	71.8	1.7	135	13	<	<	<	10.0	-	-	50	6.2	<	4.8	1.24	15
63H	871023	122	16	5	14	7	<	113	<	<	2.11	40	71.4	1.6	65	14	<	<	<	10.0	-	-	40	6.3	<	5.0	1.24	16
63H	871024	116	20	7	26	8	<	141	1.0	<	1.53	60	49.6	3.1	195	17	<	<	<	10.0	-	-	30	6.6	<	8.0	2.28	27
63H	871025	112	12	5	14	5	<	103	<	2	0.91	30	65.2	1.3	145	11	<	<	<	10.0	-	-	30	6.5	<	7.6	2.28	25
63H	871026	136	30	10	30	9	<	264	2.0	<	2.47	40	28.8	2.4	380	24	<	<	<	10.0	-	-	30	6.6	<	9.2	2.48	31
63H	871027	123	23	14	30	9	<	470	1.0	<	3.15	45	25.0	3.7	325	34	<	<	<	10.0	-	-	30	6.6	<	9.0	2.32	30
63H	871029	106	9	4	15	3	<	82	<	<	0.52	45	76.4	0.7	80	6	<	<	<	10.0	-	-	50	6.6	<	8.4	2.92	27
63H	871030	117	18	9	28	4	<	236	1.0	<	2.32	55	32.8	2.3	305	21	<	<	<	10.0	-	-	40	6.6	<	8.6	2.32	28
63H	871031	89	17	11	24	4	<	287	2.0	<	2.79	30	14.4	2.8	295	22	<	<	<	10.0	-	-	30	6.7	<	8.8	2.32	30
63H	871032	125	24	16	30	10	<	367	2.0	<	2.77	75	28.6	3.5	315	31	<	<	<	10.0	-	-	30	6.7	<	9.0	2.40	30
63H	871033	126	12	6	14	6	<	74	<	<	0.81	60	66.6	1.0	100	9	0.2	<	<	10.0	-	-	30	6.1	<	2.8	1.12	8
63H	871034	137	14	7	17	8	<	210	<	<	1.24	65	46.8	1.8	115	17	0.2	<	<	10.0	-	-	30	6.3	<	4.8	1.16	13
63H	871035	127	13	5	15	8	<	307	<	<	1.16	75	47.0	1.4	90	20	0.3	<	<	10.0	-	-	50	6.3	<	4.2	1.08	11
63H	871036	102	16	4	15	4	<	121	<	<	0.85	45	65.8	1.8	110	15	<	<	<	10.0	-	-	50	6.5	<	7.6	1.84	25
63H	871037	102	7	3	4	<	<	28	<	4	0.23	45	84.4	3.7	50	8	0.2	<	<	10.0	-	-	60	6.8	<	23.0	3.64	67
63H	871038	103	24	5	10	2	<	31	1.0	5	0.68	60	72.0	9.7	55	10	<	<	<	10.0	-	-	60	6.9	<	18.0	3.68	58
63H	871039	108	18	6	15	5	<	66	<	<	0.84	45	60.2	1.9	105	12	<	<	<	10.0	-	-	40	6.6	<	8.8	2.08	29
63H	871040	158	14	5	13	6	<	84	<	<	0.81	60	66.6	1.3	65	13	0.3	<	<	10.0	-	-	40	ns	<	4.6	1.08	12
63H	871042	61	22	12	26	11	<	531	2.0	<	2.72	30	3.4	2.4	300	32	<	<	<	10.0	<	10.0	40	6.4	<	5.0	1.12	13
63H	871043	107	13	5	15	8	<	165	<	<	0.95	80	54.2	6.5	105	14	<	<	<	10.0	-	-	40	6.3	0.08	5.8	1.32	16
63H	871044	104	12	5	14	7	<	158	<	<	0.96	80	54.0	6.6	90	8	<	<	<	10.0	-	-	40	6.3	0.05	5.6	1.32	15
63H	871045	119	14	8	18	6	0.2	161	1.0	<	1.61	45	52.8	4.1	255	18	<	<	<	10.0	-	-	50	6.5	<	9.6	2.12	31

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
63H	871046	14	690749	5965756	AGG	02	>5	1	00	Lw	-	GnGy	-
63H	871047	14	693206	5966451	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63H	871048	14	692736	5968732	AGG	02	>5	1	00	Lw	-	GnBr	-
63H	871049	14	693757	5972663	AGG	02	>5	8	00	Lw	-	GnBr	-
63H	871050	14	694059	5985981	AGB	02	.25-1	3	00	Lw	-	GnBr	-
63H	871051	14	695056	5983683	AGB	02	>5	9	00	Lw	-	GnGy	-
63H	871052	14	691157	5974361	AGG	02	>5	2	00	Lw	-	Br	-
63H	871053	14	690621	5971051	AGG	02	.25-1	3	00	Md	-	GnBr	-
63H	871054	14	690287	5968733	AGG	02	>5	2	00	Lw	-	GyBr	-
63H	871055	14	687779	5968386	AGG	02	>5	4	00	Lw	-	GyBr	-
63H	871056	14	687425	5964395	AGG	02	>5	5	00	Lw	-	GyBr	-
63H	871057	14	686062	5961257	AGG	02	.25-1	3	00	Lw	-	BrBk	-
63H	871058	14	686218	5958826	AGG	02	.25-1	3	00	Lw	-	Br	-
63H	871059	14	691897	5957440	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871062	14	691398	5955094	AGG	02	.25-1	2	10	Lw	-	Br	-
63H	871063	14	691398	5955094	AGG	02	.25-1	2	20	Lw	-	Br	-
63H	871064	14	689918	5951302	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871065	14	686825	5951053	AGG	02	1-5	2	00	Lw	-	GnBr	-
63H	871066	14	686650	5947863	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871067	14	686976	5944180	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871068	14	683269	5940355	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871069	14	679560	5935820	AGG	02	>5	11	00	Lw	-	Gy	-
63H	871070	14	681368	5934104	AGG	02	>5	6	00	Lw	-	Gy	-
63H	871071	14	675960	5932985	AGG	02	>5	11	00	Lw	-	GyBr	-
63H	871073	14	671297	5933423	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871074	14	668273	5932859	AGG	02	.25-1	3	00	Lw	-	Br	-
63H	871075	14	661749	5930810	AGG	02	>5	1	00	Lw	-	Gy	-
63H	871076	14	659926	5932722	AGG	02	.25-1	4	00	Lw	-	Br	-
63H	871077	14	655560	5932373	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871078	14	656957	5936214	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63H	871079	14	663696	5934362	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871080	14	665468	5935092	AGG	02	.25-1	3	00	Lw	-	Br	-
63H	871082	14	669714	5934971	AGG	02	.25-1	3	10	Lw	-	Br	-
63H	871083	14	669714	5934971	AGG	02	.25-1	3	20	Lw	-	Br	-
63H	871084	14	673292	5935879	AGG	02	.25-1	1	00	Lw	-	GnGy	-
63H	871085	14	676608	5936879	AGB	02	>5	7	00	Lw	-	Gy	-
63H	871086	14	677185	5939967	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63H	871087	14	679216	5941651	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871088	14	683023	5944641	AGG	02	1-5	3	00	Lw	-	GnBr	-
63H	871089	14	682501	5951313	AGG	02	1-5	3	00	Lw	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871046	67	15	7	19	6	0.4	270	2.0	<	2.27	40	17.0	6.5	275	22	<	<	<	10.0	-	-	50	6.7	<	11.2	2.56	36
63H	871047	101	12	4	8	3	<	73	<	<	0.56	40	72.8	16.2	95	10	<	<	<	10.0	-	-	70	6.8	0.13	16.0	3.44	53
63H	871048	88	19	10	21	7	<	299	2.0	<	2.29	40	24.8	4.2	275	23	<	<	<	10.0	-	-	50	6.6	0.05	11.4	2.52	36
63H	871049	90	22	13	24	8	<	264	2.0	<	2.36	65	39.0	6.0	295	28	<	<	<	10.0	-	-	50	6.7	<	11.6	2.56	37
63H	871050	113	15	4	14	6	<	69	<	<	0.77	40	63.6	1.8	130	12	<	<	<	10.0	-	-	50	6.4	<	7.2	2.20	21
63H	871051	72	20	15	25	9	<	503	2.0	<	3.20	40	18.8	3.6	295	30	<	<	<	10.0	-	-	50	6.8	<	14.4	3.60	52
63H	871052	37	12	9	11	3	<	313	1.0	<	0.94	45	33.0	3.1	250	14	<	<	<	10.0	-	-	50	6.8	<	14.8	3.56	53
63H	871053	123	13	5	10	3	<	118	<	2	0.82	40	63.4	5.2	200	12	<	<	<	10.0	-	-	60	6.9	<	23.0	4.80	75
63H	871054	59	21	10	16	6	<	229	4.0	<	1.89	35	18.4	7.9	260	26	<	<	<	10.0	-	-	50	6.7	<	12.4	2.64	38
63H	871055	27	5	5	7	3	<	109	1.0	<	1.00	20	5.4	1.6	180	5	<	<	<	10.0	<	10.0	50	6.7	<	11.4	2.52	36
63H	871056	59	22	12	25	9	<	407	6.0	<	2.77	20	14.0	20.8	430	34	<	<	<	10.0	-	-	50	6.7	0.05	11.6	2.48	36
63H	871057	141	15	6	17	7	1.0	173	<	<	1.31	65	45.6	2.1	190	16	<	<	<	10.0	-	-	40	6.5	<	7.4	1.64	22
63H	871058	68	16	4	17	7	<	106	<	3	0.66	75	56.2	2.4	120	21	0.2	<	<	10.0	-	-	40	6.1	<	3.8	1.04	8
63H	871059	157	19	7	15	5	<	79	<	<	0.89	60	62.4	1.9	140	14	0.5	<	<	10.0	-	-	40	6.4	<	4.0	0.96	10
63H	871062	108	16	5	14	7	<	80	<	<	0.71	50	57.8	1.8	100	17	<	<	<	10.0	-	-	60	6.2	<	4.4	1.16	12
63H	871063	114	16	5	14	9	<	81	<	<	0.80	50	57.4	1.9	90	15	0.2	<	<	10.0	-	-	50	6.2	<	4.6	1.20	11
63H	871064	1113	11	4	8	4	<	71	<	<	0.49	40	76.6	0.9	70	8	<	<	<	10.0	-	-	50	6.4	<	7.0	1.88	22
63H	871065	157	13	4	10	5	<	72	<	<	0.65	45	72.6	1.5	70	10	0.4	<	<	10.0	-	-	60	6.4	<	7.0	1.52	20
63H	871066	170	7	3	6	3	<	92	<	<	0.42	40	75.6	0.6	60	8	0.3	<	<	10.0	-	-	50	6.4	<	9.2	2.28	29
63H	871067	178	10	4	15	8	<	274	<	<	0.96	50	43.6	1.5	110	12	0.4	<	<	10.0	-	-	40	6.5	<	8.4	1.64	24
63H	871068	104	7	6	15	6	<	147	<	<	0.80	65	54.0	0.8	120	11	<	<	<	10.0	-	-	40	5.9	<	3.8	1.24	8
63H	871069	109	21	15	29	9	<	472	2.0	<	3.45	35	22.0	3.5	340	41	<	<	<	10.0	-	-	40	6.7	<	9.0	2.32	30
63H	871070	85	22	12	29	10	<	395	2.0	<	2.98	30	17.6	2.8	415	35	<	<	<	10.0	-	-	40	6.6	<	9.2	2.32	30
63H	871071	94	18	10	22	7	<	363	2.0	<	2.14	40	23.8	2.8	270	27	<	<	<	10.0	-	-	40	6.6	<	9.0	2.36	30
63H	871073	151	7	4	7	6	<	146	<	2	0.69	45	64.4	0.5	50	11	<	<	<	10.0	-	-	60	6.5	<	7.4	1.64	19
63H	871074	105	10	6	16	6	0.2	276	<	<	1.13	65	60.6	1.0	135	14	<	<	<	10.0	-	-	50	6.5	<	7.2	1.76	19
63H	871075	94	20	9	27	9	<	184	1.0	<	2.61	25	17.6	2.1	320	32	<	<	<	10.0	-	-	50	6.5	<	7.8	2.12	25
63H	871076	130	5	4	13	8	<	118	<	<	0.43	40	77.2	0.5	65	7	0.2	<	<	10.0	-	-	40	6.2	<	4.6	1.40	11
63H	871077	195	6	4	7	4	<	181	<	2	0.49	50	77.0	0.6	40	11	0.3	<	<	10.0	-	-	40	6.3	<	6.8	1.80	18
63H	871078	148	10	6	11	4	<	62	<	<	0.58	50	67.0	1.1	90	12	0.2	<	<	10.0	-	-	40	6.4	<	6.2	1.76	17
63H	871079	138	10	5	12	6	<	133	<	<	0.88	45	66.4	0.7	85	15	<	<	<	10.0	-	-	40	6.2	<	5.6	1.56	15
63H	871080	121	15	8	23	9	<	413	<	<	1.72	55	38.8	1.9	260	22	<	<	<	10.0	-	-	40	6.4	<	6.8	1.72	20
63H	871082	95	9	4	15	6	<	214	<	<	0.89	50	50.0	1.3	115	14	0.3	<	<	10.0	-	-	50	6.3	<	7.2	1.56	18
63H	871083	109	8	4	13	7	<	209	<	<	0.85	50	50.6	0.9	80	13	<	<	<	10.0	-	-	50	6.3	<	7.0	1.52	18
63H	871084	25	3	4	3	2	<	72	<	<	0.77	40	4.4	0.9	95	5	<	<	<	10.0	<2	5.00	50	6.6	<	8.8	2.36	30
63H	871085	89	18	11	20	9	<	349	2.0	<	2.57	20	17.4	2.8	345	31	<	<	<	10.0	-	-	50	6.7	<	9.0	2.32	30
63H	871086	115	8	4	6	4	<	199	<	<	0.88	45	77.6	0.6	60	15	0.2	<	<	10.0	-	-	40	6.4	<	5.6	1.44	16
63H	871087	119	12	7	19	7	<	206	1.0	<	1.04	85	47.2	1.1	115	18	<	<	<	10.0	-	-	40	6.3	<	5.4	1.32	12
63H	871088	149	13	6	18	7	<	185	2.0	<	1.15	45	57.6	1.7	130	19	<	<	<	10.0	-	-	40	6.4	<	7.2	1.23	20
63H	871089	126	14	6	8	4	<	57	<	<	0.84	40	71.8	1.7	80	14	<	<	<	10.0	-	-	40	6.4	<	6.8	1.56	20

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63H	871090	14	686548	5954908	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871091	14	683137	5955599	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871092	14	682791	5958008	AGG	02	1-5	3	00	Lw	-	GyBr	-
63H	871093	14	683062	5962081	AGG	02	1-5	3	00	Lw	-	GyBr	-
63H	871094	14	682641	5964882	AGG	02	1-5	4	00	Lw	-	GyBr	-
63H	871095	14	687092	5972913	AGG	02	.25-1	3	00	Lw	-	Br	-
63H	871096	14	688042	5974771	AGG	02	>5	5	00	Lw	-	GyBr	-
63H	871098	14	686767	5980886	AGG	02	>5	3	00	Lw	-	Gy	-
63H	871099	14	692301	5984257	AGG	02	>5	1	00	Lw	-	GnGy	-
63H	871100	14	691130	5986254	AGB	02	.25-1	2	00	Lw	-	Br	-
63H	871102	14	688553	5985944	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871103	14	689034	5984246	AGG	02	1-5	5	00	Lw	-	GnGy	-
63H	871104	14	686867	5974012	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871106	14	684722	5972320	AGG	02	1-5	1	10	Lw	-	GnBr	-
63H	871107	14	684722	5972320	AGG	02	1-5	1	20	Lw	-	GnBr	-
63H	871108	14	683019	5971205	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871109	14	681286	5970368	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871110	14	682233	5968095	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871111	14	679185	5968297	AGG	02	1-5	4	00	Lw	-	GnBr	-
63H	871112	14	680118	5964724	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871113	14	680395	5958341	AGG	02	1-5	8	00	Lw	-	GnBr	-
63H	871114	14	679103	5955121	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871115	14	680740	5951610	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63H	871116	14	679661	5947697	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871117	14	676165	5946853	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871118	14	676316	5943465	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871119	14	672514	5941780	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63H	871120	14	666746	5937487	AGB	02	.25-1	1	00	Lw	-	Br	-
63H	871122	14	660810	5937792	AGB	02	.25-1	1	10	Lw	-	GnBr	-
63H	871123	14	660810	5937792	AGB	02	.25-1	1	20	Lw	-	GnBr	-
63H	871124	14	655258	5937007	AGB	02	.25-1	1	00	Lw	-	Br	-
63H	871125	14	650321	5938417	AGB	02	.25-1	1	00	Lw	-	GnBr	-
63H	871126	14	649844	5936280	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871127	14	646436	5932422	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871128	14	641337	5933176	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871129	14	639244	5932302	AGG	02	.25-1	12	00	Lw	-	GnBr	-
63H	871130	14	636114	5939879	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871131	14	636499	5943098	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63H	871133	14	636543	5945278	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63H	871134	14	637773	5948395	AGG	02	.25-1	1	00	Lw	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871090	94	11	4	11	7	<	145	<	<	1.09	65	61.2	1.0	55	16	<	<	<	10.0	-	-	40	6.4	<	6.6	1.48	19
63H	871091	130	11	6	14	8	<	181	<	<	1.66	70	45.8	1.8	90	18	<	<	<	10.0	-	-	40	6.4	<	7.4	1.64	20
63H	871092	101	15	6	17	7	<	113	<	<	1.19	65	54.4	1.7	105	19	<	<	<	10.0	-	-	40	6.7	<	8.6	1.84	25
63H	871093	115	17	10	17	7	0.6	130	3.0	<	1.39	45	55.6	2.5	150	23	<	<	<	10.0	-	-	40	6.2	<	7.8	1.68	21
63H	871094	92	14	10	15	6	<	92	6.0	<	1.17	65	60.0	3.5	170	19	<	<	<	10.0	-	-	40	6.6	<	12.4	2.76	39
63H	871095	224	6	4	4	3	<	73	2.0	<	0.55	45	86.6	0.9	235	6	0.4	<	<	10.0	-	-	50	6.6	<	11.6	2.78	38
63H	871096	104	21	12	26	8	<	289	1.0	<	1.73	30	38.2	3.8	280	33	<	<	<	10.0	-	-	50	6.8	<	16.0	3.64	52
63H	871098	60	13	12	15	6	<	343	2.0	<	1.96	30	10.6	2.3	220	17	<	<	<	10.0	-	-	60	6.8	<	15.6	3.64	53
63H	871099	58	16	11	18	7	<	236	1.0	<	2.19	20	15.6	1.7	275	26	<	<	<	10.0	-	-	60	6.8	<	16.2	3.84	54
63H	871100	127	16	5	23	12	0.2	67	<	2	0.60	55	57.6	1.7	50	13	0.3	<	<	10.0	-	-	40	6.5	<	6.4	1.52	15
63H	871102	101	9	8	11	4	0.2	162	1.0	<	0.82	65	63.8	1.5	120	12	<	1.6	<	10.0	-	-	40	6.6	<	11.0	2.72	33
63H	871103	86	21	13	27	10	<	340	2.0	<	2.67	30	26.0	2.9	340	33	<	<	<	10.0	-	-	50	6.8	<	16.2	3.92	55
63H	871104	112	19	5	10	5	<	137	<	<	1.29	25	71.6	2.6	95	14	<	<	<	10.0	-	-	40	6.4	<	7.6	1.48	21
63H	871106	70	13	6	10	3	<	84	1.0	<	0.84	35	49.2	3.2	140	11	<	<	<	10.0	-	-	60	6.7	<	14.6	3.16	46
63H	871107	67	11	7	8	2	<	85	1.0	2	0.72	35	58.6	6.0	155	11	<	<	<	10.0	-	-	50	6.7	<	14.6	3.12	46
63H	871108	84	13	7	13	5	<	90	<	<	1.21	25	59.2	4.0	165	22	<	<	<	10.0	-	-	50	6.7	<	14.6	3.28	48
63H	871109	117	12	7	12	4	<	70	<	<	1.06	15	54.0	1.7	160	13	<	<	<	10.0	-	-	60	6.6	<	11.6	2.88	37
63H	871110	116	26	12	23	7	0.2	233	4.0	<	1.51	35	46.0	4.0	340	23	<	<	<	10.0	-	-	50	6.6	<	10.4	2.48	32
63H	871111	152	17	11	25	10	<	244	1.0	<	2.18	40	36.4	3.1	270	24	<	<	<	10.0	-	-	40	6.7	<	10.2	2.28	30
63H	871112	140	17	10	22	9	<	180	1.0	<	1.44	45	41.2	3.8	235	25	<	<	<	10.0	-	-	40	6.4	0.05	8.4	2.12	26
63H	871113	131	22	11	18	9	<	238	1.0	<	1.71	85	49.0	1.8	265	21	<	<	<	10.0	-	-	40	6.6	<	8.4	1.80	25
63H	871114	149	11	8	13	7	<	178	1.0	<	1.58	90	52.0	1.8	165	17	<	<	<	10.0	-	-	50	6.6	<	11.0	2.08	32
63H	871115	93	7	5	5	3	<	54	<	<	0.61	45	76.6	1.5	100	14	<	<	<	10.0	-	-	40	6.5	<	7.8	1.72	23
63H	871116	134	9	6	14	5	<	78	<	<	0.64	60	62.2	1.0	135	11	0.3	<	<	10.0	-	-	40	6.7	<	9.4	2.32	27
63H	871117	169	13	9	25	9	<	197	<	<	1.40	50	46.0	2.3	290	28	<	<	<	10.0	-	-	40	6.5	<	8.0	1.92	23
63H	871118	140	11	5	9	5	<	126	<	<	1.24	35	69.6	0.8	110	15	<	<	<	10.0	-	-	40	6.6	<	8.2	1.76	25
63H	871119	115	8	5	12	6	<	67	<	<	0.51	40	56.0	0.7	85	8	0.2	<	<	10.0	-	-	40	6.1	<	3.8	1.00	9
63H	871120	119	9	5	13	5	<	164	<	<	0.81	80	59.4	1.1	80	11	0.3	<	<	10.0	-	-	40	6.2	<	6.2	1.52	14
63H	871122	182	7	5	11	11	<	149	<	<	0.97	60	56.4	<	70	11	0.2	<	<	10.0	-	-	50	6.2	<	5.8	1.28	11
63H	871123	186	7	4	11	11	<	159	<	<	0.97	55	57.0	0.5	55	10	<	<	<	10.0	-	-	40	6.2	<	5.8	1.24	12
63H	871124	138	10	6	10	4	<	74	<	<	0.57	40	70.0	0.7	90	13	<	<	<	10.0	-	-	40	6.4	<	6.2	1.74	16
63H	871125	202	12	6	10	8	<	87	<	<	0.82	40	65.6	3.5	70	17	<	<	<	10.0	-	-	40	6.0	<	4.2	1.08	8
63H	871126	114	10	5	15	5	<	67	<	2	0.46	40	65.8	1.4	65	11	<	<	<	10.0	-	-	40	6.5	<	8.0	2.28	21
63H	871127	221	6	4	4	2	<	112	<	2	0.28	40	88.0	0.7	45	6	0.2	<	<	10.0	-	-	40	6.6	<	8.2	3.00	30
63H	871128	94	11	6	13	4	<	102	<	2	0.81	35	88.0	3.0	125	16	<	<	<	10.0	-	-	50	6.8	<	19.6	5.40	66
63H	871129	128	17	11	19	6	<	346	2.0	<	1.53	60	52.2	5.7	205	28	<	<	<	10.0	-	-	40	6.7	<	10.6	3.64	37
63H	871130	139	5	4	5	2	<	178	<	<	0.33	35	82.8	0.6	50	6	<	<	<	10.0	-	-	40	6.2	<	5.4	2.00	17
63H	871131	125	19	10	24	8	<	219	1.0	<	1.50	30	48.8	11.0	240	32	<	<	<	10.0	-	-	40	6.7	<	13.0	3.92	44
63H	871133	123	19	13	28	10	<	267	1.0	<	2.63	40	32.2	4.4	340	38	<	<	<	10.0	-	-	60	6.7	<	12.2	3.40	40
63H	871134	121	10	6	11	4	<	205	<	<	0.83	25	70.4	3.8	170	18	<	<	<	10.0	-	-	50	6.5	<	7.6	3.32	29

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
63H	871135	14	632600	5954750	AGG	02	>5	1	00	Lw	-	GnGy	-
63H	871136	14	637669	5952962	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63H	871137	14	641216	5950715	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63H	871138	14	640671	5946733	AGG	02	.25-1	4	00	Lw	-	TnGn	-
63H	871139	14	642006	5943515	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63H	871140	14	644067	5941391	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63H	871142	14	647253	5941736	AGG	02	.25-1	1	10	Lw	-	GnBr	-
63H	871143	14	647253	5941736	AGG	02	.25-1	1	20	Lw	-	GnBr	-
63H	871144	14	648735	5942759	AGB	02	.25-1	1	00	Lw	-	TnGn	-
63H	871145	14	650634	5944397	AGG	02	1-5	1	00	Lw	-	TnGn	-
63H	871146	14	655185	5943773	AGB	02	.25-1	1	00	Lw	-	Br	-
63H	871147	14	655237	5941049	AGB	02	.25-1	1	00	Lw	-	GnBr	-
63H	871149	14	657028	5938763	AGB	02	1-5	1	00	Lw	-	GnBr	-
63H	871150	14	659609	5940994	AGB	02	1-5	1	00	Lw	-	GnBr	-
63H	871151	14	662008	5942265	AGB	02	1-5	1	00	Lw	-	Br	-
63H	871152	14	664200	5940282	AGB	02	.25-1	1	00	Lw	-	GnBr	-
63H	871153	14	666330	5943862	AGG	02	1-5	1	00	Lw	-	GnBr	-
63H	871154	14	669418	5944415	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871155	14	670405	5946368	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871156	14	671800	5949600	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871157	14	676901	5953429	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871158	14	676295	5955783	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871159	14	676976	5958303	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871160	14	677914	5961422	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871162	14	675241	5962877	AGG	02	.25-1	1	10	Lw	-	Br	-
63H	871163	14	675241	5962877	AGG	02	.25-1	1	20	Lw	-	Br	-
63H	871164	14	675680	5966718	AGG	02	1-5	1	00	Lw	-	GyBr	-
63H	871165	14	678051	5969452	AGG	02	1-5	2	00	Lw	-	Br	-
63H	871166	14	679204	5972200	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871167	14	680931	5973405	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871168	14	684497	5975099	AGMV	02	>5	3	00	Lw	-	GnGy	-
63H	871169	14	686251	5984078	AGG	02	>5	6	00	Lw	-	GnGy	-
63H	871170	14	678285	5986559	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871171	14	683369	5982914	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871172	14	683631	5976670	AGG	02	>5	3	00	Lw	-	GnGy	-
63H	871173	14	682342	5979350	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871175	14	680363	5977610	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871176	14	674483	5974868	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63H	871177	14	672811	5971624	AGU	02	1-5	9	00	Lw	-	GyBr	-
63H	871178	14	672660	5970672	AGU	02	1-5	5	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871135	140	24	15	36	13	<	299	1.0	<	3.54	35	26.8	5.2	450	47	<	<	<	10.0	-	-	60	6.9	<	18.8	5.20	63
63H	871136	118	19	12	29	10	<	203	3.0	<	2.01	40	40.0	2.9	365	36	<	<	<	10.0	-	-	50	6.8	<	13.4	4.20	44
63H	871137	85	27	16	31	11	<	413	2.0	<	3.18	30	24.2	2.9	390	45	<	<	<	10.0	-	-	50	6.6	<	11.8	3.64	44
63H	871138	106	19	8	24	6	<	133	1.0	<	1.18	40	63.2	11.0	210	23	<	<	<	10.0	-	-	50	6.7	<	11.4	3.48	39
63H	871139	100	13	4	6	2	<	78	1.0	2	0.59	60	80.4	13.9	90	14	<	<	2	10.0	2	2.50	40	6.1	<	5.4	1.40	13
63H	871140	183	9	6	11	5	<	78	<	2	0.52	40	71.0	1.0	105	7	0.4	<	<	10.0	-	-	40	6.4	<	6.2	1.84	15
63H	871142	181	9	5	11	4	<	88	<	2	0.55	45	73.2	0.9	100	7	0.4	<	<	10.0	-	-	40	6.6	<	8.2	2.84	28
63H	871143	155	9	6	10	4	<	101	<	<	0.51	50	76.8	0.9	95	9	0.3	<	<	10.0	-	-	40	6.6	0.90	8.4	2.84	27
63H	871144	113	12	5	13	5	<	166	<	<	1.08	45	73.8	0.7	150	16	<	<	<	10.0	-	-	50	6.5	<	11.0	3.72	40
63H	871145	107	13	7	13	6	<	137	<	<	1.28	25	68.8	1.7	185	19	<	<	<	10.0	-	-	50	6.7	0.45	11.0	2.76	37
63H	871146	116	13	9	22	6	<	146	1.0	<	0.98	60	56.6	3.4	175	14	<	<	<	10.0	-	-	50	6.6	<	11.2	3.28	35
63H	871147	137	12	5	19	5	<	70	<	<	0.72	35	61.4	3.8	120	8	0.2	<	<	10.0	-	-	50	6.6	0.33	10.4	2.92	31
63H	871149	155	14	12	25	9	<	283	1.0	<	2.16	35	24.6	1.9	360	25	<	<	<	10.0	-	-	50	6.5	<	7.2	1.80	20
63H	871150	156	11	6	8	5	<	146	<	<	0.92	20	73.2	0.9	110	13	0.3	<	<	10.0	-	-	50	6.5	<	7.0	1.80	24
63H	871151	117	12	13	23	8	<	232	1.0	<	2.07	25	35.2	2.2	375	24	<	<	2	10.0	1	2.50	50	6.6	0.08	9.8	2.32	29
63H	871152	156	10	5	10	6	<	129	<	<	0.69	35	69.4	0.6	90	10	0.2	<	<	10.0	-	-	40	6.3	<	6.6	1.64	16
63H	871153	122	10	5	8	3	<	149	<	<	0.79	25	76.0	0.6	105	12	0.3	<	<	10.0	-	-	40	6.6	<	10.4	2.20	30
63H	871154	144	12	10	21	8	0.2	265	1.0	<	2.01	45	38.0	1.9	260	24	<	<	<	10.0	-	-	40	6.5	<	9.6	1.96	24
63H	871155	105	14	11	23	7	<	476	1.0	<	2.24	40	26.4	2.3	320	20	<	<	<	10.0	-	-	40	6.6	0.05	9.8	2.44	30
63H	871156	124	13	8	17	6	<	118	<	2	1.35	30	59.2	1.2	205	16	<	<	<	10.0	-	-	40	6.6	<	11.2	2.60	34
63H	871157	185	9	7	13	6	<	143	<	<	0.71	50	57.8	1.0	90	6	0.4	<	<	10.0	-	-	40	6.6	<	10.8	1.92	29
63H	871158	93	13	6	12	4	<	65	<	<	0.67	60	57.6	1.3	120	12	0.2	<	<	10.0	-	-	40	6.6	<	10.4	2.12	31
63H	871159	118	16	5	13	6	0.2	70	<	<	0.91	40	61.2	1.3	95	14	0.2	<	<	10.0	-	-	40	6.3	0.06	7.0	1.56	19
63H	871160	111	12	5	15	9	<	70	<	<	0.64	55	56.8	0.7	80	12	0.2	<	<	10.0	-	-	40	6.3	<	6.2	1.60	12
63H	871162	114	6	6	7	4	<	1491	<	<	0.83	55	84.8	0.6	65	7	0.2	<	<	10.0	-	-	50	6.3	<	5.8	1.52	13
63H	871163	135	6	6	7	5	<	165	<	<	0.72	55	86.0	0.6	55	8	0.2	<	<	10.0	-	-	40	6.3	<	5.6	1.52	13
63H	871164	114	25	14	31	12	<	295	2.0	<	3.33	35	15.6	3.1	450	36	<	<	<	10.0	-	-	40	6.6	<	9.8	2.12	29
63H	871165	128	10	6	8	4	<	87	<	<	0.73	20	74.0	1.5	135	8	<	<	<	10.0	-	-	40	6.6	<	13.2	2.84	42
63H	871166	117	10	4	9	2	<	62	<	2	0.22	20	75.6	1.3	70	6	<	<	<	10.0	-	-	40	6.7	<	11.0	2.68	33
63H	871167	188	7	5	8	2	0.3	69	<	2	0.29	20	86.4	0.7	55	6	0.5	<	<	10.0	-	-	40	6.7	<	8.6	1.96	24
63H	871168	44	11	7	11	4	<	252	2.0	<	1.08	15	20.4	2.2	205	12	<	<	<	10.0	-	-	40	6.8	<	15.6	3.72	53
63H	871169	105	24	14	28	10	0.2	263	2.0	<	2.81	30	26.2	3.3	355	36	<	<	<	10.0	-	-	50	6.8	<	15.6	3.88	55
63H	871170	131	14	6	16	7	0.2	76	<	<	0.74	45	50.6	4.7	115	10	0.3	<	<	10.0	-	-	40	6.5	<	6.6	1.40	16
63H	871171	127	12	13	15	5	<	141	3.0	2	1.62	45	54.4	1.7	180	12	0.2	<	<	10.0	-	-	40	6.6	<	9.4	1.68	27
63H	871172	14	4	6	4	<	<	165	1.0	<	0.56	<	9.4	1.1	95	<	<	<	<	10.0	<	10.0	40	7.0	<	16.4	3.68	52
63H	871173	147	13	8	14	6	<	153	1.0	3	0.94	30	71.2	1.0	95	9	0.2	<	<	10.0	-	-	40	6.4	<	8.6	1.16	21
63H	871175	117	13	6	13	5	<	85	<	3	0.83	35	68.8	1.0	130	8	<	<	<	10.0	-	-	60	6.7	<	12.4	2.88	42
63H	871176	204	13	8	15	5	<	91	2.0	3	0.93	45	33.6	1.6	85	10	0.4	<	<	10.0	-	-	40	6.7	<	10.8	2.04	30
63H	871177	99	20	19	32	12	<	382	2.0	2	3.52	65	19.0	4.7	420	31	<	<	<	10.0	-	-	40	6.9	0.07	14.6	3.92	55
63H	871178	104	23	17	35	11	<	254	2.0	2	3.17	40	29.4	2.4	365	32	<	<	<	10.0	-	-	50	6.9	<	19.6	4.60	61

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
63H	871179	14	673483	5968593	AGG	02	.25-1	3	00	Md	-	GnBr	-
63H	871180	14	672406	5966352	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871182	14	672767	5964191	AGG	02	.25-1	4	10	Lw	-	GyBr	-
63H	871183	14	672767	5964191	AGG	02	.25-1	4	20	Lw	-	GyBr	-
63H	871184	14	672312	5961453	AGB	02	.25-1	4	00	Lw	-	GyBr	-
63H	871186	14	672034	5957849	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871187	14	673773	5954757	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871188	14	668810	5954424	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871189	14	665733	5953973	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871190	14	664670	5950726	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871191	14	668800	5950100	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871192	14	665660	5947192	AGG	02	.25-1	2	00	Lw	-	GnGy	-
63H	871193	14	662335	5949468	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871194	14	662724	5945811	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871195	14	658740	5946259	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871196	14	656013	5946618	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871197	14	652044	5946914	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871198	14	649523	5947498	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871199	14	648667	5949228	AGG	02	.25-1	4	00	Lw	-	GnGy	-
63H	871200	14	650889	5949989	AGG	02	1-5	2	00	Lw	-	GnBr	-
63H	871202	14	652938	5950888	AGG	02	1-5	2	10	Lw	-	GyBr	-
63H	871203	14	652938	5950888	AGG	02	1-5	2	20	Lw	-	GyBr	-
63H	871204	14	657026	5950264	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871205	14	654858	5952779	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871206	14	651446	5953115	AGG	02	.25-1	7	00	Lw	-	GnBr	-
63H	871208	14	649204	5954210	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871209	14	645531	5955449	AGMV	02	.25-1	2	00	Lw	-	GnBr	-
63H	871210	14	644365	5955831	AGU	02	1-5	6	00	Lw	-	GyBr	-
63H	871211	14	643412	5954581	AGMV	02	.25-1	5	00	Lw	-	GyBr	-
63H	871212	14	641498	5956219	AGVS	02	.25-1	4	00	Lw	-	GyBr	-
63H	871213	14	642914	5956614	AGVS	02	1-5	2	00	Lw	-	Gy	-
63H	871214	14	634641	5958367	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871215	14	638203	5958572	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63H	871216	14	645963	5957166	AGU	02	.25-1	9	00	Lw	-	GnBr	-
63H	871217	14	647484	5957309	AGMV	02	.25-1	3	00	Lw	-	GyBr	-
63H	871218	14	654146	5956368	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871219	14	655064	5960032	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871220	14	655661	5959496	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871222	14	656796	5956471	AGG	02	.25-1	2	10	Lw	-	GnBr	-
63H	871223	14	656796	5956471	AGG	02	.25-1	2	20	Lw	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871179	155	11	5	13	5	<	104	<	3	0.56	30	72.8	0.7	55	7	0.2	<	<	10.0	-	-	40	6.4	<	6.2	1.40	13
63H	871180	211	9	6	11	4	<	69	2.0	2	0.46	35	78.0	0.7	60	5	0.4	<	<	10.0	-	-	40	6.5	<	7.8	1.84	21
63H	871182	172	11	8	20	7	<	205	1.0	2	1.21	65	62.0	2.6	180	8	0.2	<	<	10.0	-	-	40	6.5	<	7.8	1.92	20
63H	871183	144	11	8	19	7	<	197	1.0	<	1.21	70	61.8	2.6	95	11	0.2	<	<	10.0	-	-	40	6.4	<	7.8	1.88	20
63H	871184	138	10	6	16	7	<	79	<	2	0.53	50	71.6	0.7	50	5	0.3	<	<	10.0	-	-	40	6.2	<	6.2	1.36	13
63H	871186	127	15	7	13	6	<	157	1.0	<	0.94	50	64.2	1.7	100	8	<	<	<	10.0	-	-	60	6.7	<	15.0	2.84	40
63H	871187	131	8	6	8	2	<	60	<	3	0.27	30	74.0	0.6	75	6	0.3	<	<	10.0	-	-	60	6.8	<	16.8	3.00	48
63H	871188	121	14	6	7	2	<	49	1.0	4	0.66	40	78.8	9.9	70	6	0.4	<	<	10.0	-	-	70	7.1	0.07	26.0	5.80	86
63H	871189	125	7	6	9	<	<	51	<	<	0.29	40	81.6	0.5	50	<	<	<	<	10.0	-	-	60	6.7	<	14.6	3.32	42
63H	871190	166	14	9	21	8	<	234	1.0	<	1.49	40	53.8	1.6	190	14	<	<	<	10.0	-	-	50	6.9	<	12.4	2.88	37
63H	871191	154	9	6	11	4	<	84	<	<	0.65	30	70.6	0.5	85	8	0.2	<	<	10.0	-	-	50	6.5	<	7.8	2.24	23
63H	871192	128	13	7	16	5	<	160	<	<	1.12	30	66.2	1.1	120	14	<	<	<	10.0	-	-	50	6.6	<	10.8	3.12	35
63H	871193	127	8	5	9	3	<	101	<	<	0.34	40	79.0	0.6	70	5	<	<	<	10.0	-	-	40	6.4	<	6.2	1.52	17
63H	871194	182	10	8	15	6	<	105	1.0	<	0.92	45	65.0	0.9	100	8	<	<	<	10.0	-	-	40	6.6	<	10.0	2.20	29
63H	871195	115	13	6	18	6	<	75	<	2	0.54	50	61.2	1.0	70	7	<	<	<	10.0	-	-	40	6.5	<	7.0	1.84	20
63H	871196	130	10	10	15	7	<	182	1.0	<	0.85	90	64.2	1.5	100	6	0.3	<	<	10.0	-	-	40	6.5	<	7.4	1.80	20
63H	871197	152	11	7	13	8	<	75	<	<	0.83	55	67.2	3.9	60	14	0.4	<	<	10.0	-	-	40	6.0	<	4.2	1.04	9
63H	871198	164	13	10	22	8	<	262	1.0	<	1.47	50	58.0	2.0	155	16	0.2	<	<	10.0	-	-	40	6.3	<	5.0	1.40	14
63H	871199	105	11	5	12	6	<	186	<	<	0.66	70	83.8	2.5	65	8	0.2	<	<	10.0	-	-	40	6.3	<	6.0	1.44	15
63H	871200	167	15	7	19	9	<	167	<	<	1.08	50	64.4	2.2	135	12	0.2	<	<	10.0	-	-	40	6.4	<	6.6	1.76	18
63H	871202	103	31	12	31	11	<	316	4.0	<	2.20	30	21.6	3.7	445	40	<	<	<	10.0	-	-	60	6.5	<	7.0	1.88	20
63H	871203	104	30	11	32	12	<	329	3.0	<	2.30	40	20.8	3.5	430	40	<	<	<	10.0	-	-	50	6.5	<	7.2	1.88	20
63H	871204	109	10	3	15	7	<	86	<	<	0.50	60	63.8	1.1	95	11	0.3	<	<	10.0	-	-	40	6.2	<	4.8	1.24	9
63H	871205	163	14	4	19	8	<	132	<	<	0.90	75	57.8	1.8	160	11	0.5	<	<	10.0	-	-	40	6.3	<	5.8	1.80	16
63H	871206	127	15	3	11	6	<	242	<	<	0.80	65	77.4	1.1	100	15	0.4	<	<	10.0	-	-	40	6.4	<	6.0	1.76	20
63H	871208	153	16	10	25	10	<	451	<	<	2.40	70	30.8	2.5	340	25	0.2	<	<	10.0	-	-	50	6.8	<	12.4	3.24	38
63H	871209	123	13	3	12	3	<	113	<	<	0.50	40	75.0	2.2	115	8	0.3	<	<	10.0	-	-	50	6.8	<	12.4	5.60	47
63H	871210	117	30	15	38	14	<	431	1.0	<	3.80	45	22.4	3.1	340	45	<	<	<	10.0	-	-	50	6.9	<	18.8	5.00	64
63H	871211	172	17	11	29	9	<	257	1.0	<	2.10	40	45.4	2.0	335	15	<	<	<	10.0	-	-	50	6.8	<	12.6	4.20	43
63H	871212	114	21	15	35	14	<	446	1.0	<	3.80	35	18.0	3.2	510	37	<	<	<	10.0	-	-	50	7.1	<	23.0	5.20	71
63H	871213	90	19	13	28	11	<	469	1.0	<	2.70	40	13.0	2.5	360	32	<	<	<	10.0	-	-	50	7.1	<	20.0	5.00	70
63H	871214	134	20	5	20	6	<	158	<	<	1.10	65	70.8	4.4	170	13	<	<	<	10.0	-	-	50	6.7	<	10.8	3.28	37
63H	871215	137	18	9	28	9	<	257	1.0	<	1.90	45	45.2	3.8	290	18	<	<	<	10.0	-	-	50	7.0	<	16.4	4.20	52
63H	871216	120	32	18	39	14	<	403	1.0	<	4.00	70	21.4	2.8	385	43	<	<	<	10.0	-	-	50	6.9	<	18.0	5.40	65
63H	871217	113	22	8	30	8	<	185	<	<	1.70	55	48.2	3.6	240	17	<	<	<	10.0	-	-	60	7.0	<	20.0	5.40	65
63H	871218	128	13	7	15	6	<	256	<	<	0.80	65	53.6	2.3	175	10	0.3	<	<	10.0	-	-	40	6.7	<	10.0	2.40	28
63H	871219	154	9	3	4	3	<	107	<	<	0.30	35	85.2	1.1	70	5	0.3	<	<	10.0	-	-	50	7.1	<	19.6	4.00	63
63H	871220	109	20	4	6	2	<	32	2.0	2	0.50	50	78.8	12.1	85	13	0.4	<	<	10.0	-	-	60	7.2	0.28	24.0	5.80	86
63H	871222	144	11	6	14	5	<	210	<	<	0.80	70	58.8	2.1	105	9	0.3	<	<	10.0	-	-	40	6.4	<	9.4	2.40	25
63H	871223	128	11	6	13	6	<	213	<	<	0.70	70	58.2	1.7	100	9	0.2	<	<	10.0	-	-	40	6.7	<	9.2	2.40	25

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63H	871224	14	659042	5953849	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63H	871225	14	661930	5954208	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63H	871226	14	663170	5957522	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871227	14	666144	5959752	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871228	14	667886	5959543	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871229	14	668836	5963131	AGG	02	.25-1	4	00	Lw	-	GnGy	-
63H	871230	14	667617	5965844	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871231	14	670145	5969088	AGG	02	.25-1	6	00	Lw	-	Gy	-
63H	871232	14	671169	5971106	AGU	02	1-5	9	00	Lw	-	GnGy	-
63H	871233	14	671678	5975429	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871234	14	672050	5977722	AGG	02	1-5	25	00	Lw	-	BrBk	-
63H	871235	14	675859	5979787	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871237	14	678438	5980402	AGG	02	1-5	3	00	Lw	Fu	GyBr	-
63H	871238	14	680511	5980952	AGG	02	1-5	1	00	Lw	-	GnGy	-
63H	871239	14	679038	5983642	AGG	02	1-5	3	00	Lw	-	GnBr	-
63H	871240	14	675260	5983472	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871242	14	646642	5983854	AGG	02	.25-1	3	10	Lw	-	GyBr	-
63H	871243	14	646642	5983854	AGG	02	.25-1	3	20	Lw	-	GyBr	-
63H	871244	14	649274	5981738	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871245	14	649395	5977748	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871246	14	653105	5979596	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871247	14	656793	5974613	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871248	14	660922	5974243	AGG	02	.25-1	9	00	Lw	-	GnGy	-
63H	871249	14	662280	5975587	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871250	14	664131	5975640	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871251	14	668658	5975435	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871252	14	668673	5973470	AGG	02	.25-1	3	00	Lw	-	Br	-
63H	871253	14	669414	5970959	AGB	02	1-5	15	00	Lw	-	GyBr	-
63H	871254	14	675813	5969381	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871255	14	669613	5969910	AGMV	02	.25-1	3	00	Lw	-	Br	-
63H	871256	14	667471	5968428	AGMV	02	.25-1	3	00	Lw	-	BrBk	-
63H	871257	14	665368	5971761	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63H	871258	14	663774	5970502	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871259	14	661732	5969616	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871262	14	661821	5971329	AGG	02	.25-1	2	10	Lw	-	Br	-
63H	871263	14	661821	5971329	AGG	02	.25-1	2	20	Lw	-	Br	-
63H	871264	14	658954	5971742	AGG	02	.25-1	5	00	Lw	-	Br	-
63H	871266	14	654791	5972720	AGG	02	1-5	5	00	Lw	-	GyBr	-
63H	871267	14	653688	5975251	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871268	14	649870	5973896	AGG	02	.25-1	3	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871224	115	13	2	9	5	<	88	<	<	0.90	35	75.0	2.1	65	9	0.3	<	<	10.0	-	-	40	6.2	<	5.4	1.52	14
63H	871225	118	8	2	5	3	<	151	<	<	0.50	40	81.0	0.5	50	<	0.3	<	<	10.0	-	-	40	6.4	<	8.2	1.84	24
63H	871226	161	7	3	5	2	<	83	<	<	0.30	45	83.4	<	55	9	0.5	<	<	10.0	-	-	40	6.8	<	21.0	4.60	67
63H	871227	134	10	4	9	4	<	164	<	<	0.60	45	75.6	1.5	85	11	0.4	<	<	10.0	-	-	40	6.7	<	13.8	2.88	44
63H	871228	113	8	5	6	2	<	127	1.0	<	0.70	60	61.2	0.8	100	<	0.4	<	<	10.0	-	-	40	6.5	<	8.8	2.20	27
63H	871229	149	15	10	23	9	<	256	1.0	<	2.20	30	35.2	2.5	255	15	0.2	<	<	10.0	-	-	40	6.6	<	10.4	2.08	30
63H	871230	163	12	3	12	6	<	108	<	<	0.60	35	68.2	1.6	70	12	0.5	<	<	10.0	-	-	30	6.0	<	5.0	1.32	12
63H	871231	122	23	17	31	11	<	287	1.0	<	3.20	80	25.6	3.6	380	27	<	<	<	10.0	-	-	40	6.6	<	12.6	2.92	39
63H	871232	109	19	13	28	12	<	587	1.0	<	3.50	55	17.6	5.2	330	32	<	<	<	10.0	-	-	40	6.8	0.08	17.0	3.88	56
63H	871233	202	9	5	9	4	<	222	<	<	0.60	55	62.8	1.1	100	11	0.5	<	<	10.0	-	-	30	6.5	<	9.0	1.76	22
63H	871234	102	20	14	20	7	<	301	1.0	<	1.70	55	33.4	2.5	245	21	0.2	<	<	10.0	-	-	30	7.1	<	24.0	4.20	74
63H	871235	251	16	6	11	3	<	103	4.0	2	0.80	40	62.8	1.6	130	10	0.8	<	<	10.0	-	-	30	6.8	<	16.6	2.32	49
63H	871237	102	9	5	7	2	<	113	<	<	0.80	40	50.8	1.5	100	10	0.2	<	<	10.0	-	-	60	6.7	<	13.8	2.48	41
63H	871238	59	8	5	6	<	<	452	1.0	2	0.70	30	65.8	3.5	80	13	<	<	<	10.0	-	-	50	6.7	<	13.2	2.60	41
63H	871239	112	16	3	7	3	<	90	<	2	1.70	25	77.0	3.5	90	10	0.3	<	<	10.0	-	-	40	6.4	<	6.8	1.44	21
63H	871240	107	15	3	13	5	<	66	<	3	0.50	45	65.8	1.5	75	12	0.4	<	<	10.0	-	-	40	6.7	<	10.4	1.84	29
63H	871242	118	10	3	8	3	<	124	<	2	0.50	40	76.8	1.1	70	10	0.4	<	<	10.0	-	-	50	6.4	<	5.6	1.24	15
63H	871243	121	9	3	8	3	<	121	<	2	0.50	40	77.4	1.2	75	9	0.4	<	<	10.0	-	-	40	6.4	<	6.0	1.24	15
63H	871244	163	8	3	6	2	<	59	<	3	0.40	40	80.6	0.9	75	9	0.5	<	<	10.0	-	-	40	6.6	<	8.0	1.44	19
63H	871245	99	8	3	5	<	<	67	<	2	0.40	45	78.6	0.7	75	12	0.4	<	<	10.0	-	-	40	6.5	<	9.6	2.20	29
63H	871246	111	15	8	19	7	<	249	1.0	<	1.80	65	35.2	2.6	250	19	<	<	<	10.0	-	-	40	6.8	<	15.6	3.20	49
63H	871247	118	12	8	13	6	<	174	<	<	1.20	35	45.4	2.5	225	17	0.2	<	<	10.0	-	-	50	6.9	<	17.0	3.40	52
63H	871248	104	22	13	8	9	<	283	1.0	<	3.30	35	33.8	4.0	260	33	<	<	<	10.0	-	-	40	6.7	<	15.0	3.28	47
63H	871249	129	17	10	25	8	<	210	1.0	<	1.80	30	39.6	3.2	275	22	<	<	<	10.0	-	-	40	6.8	<	16.2	3.40	51
63H	871250	121	16	13	26	11	<	531	1.0	<	3.30	40	17.8	3.7	355	33	<	<	<	10.0	-	-	40	6.8	<	14.0	3.20	42
63H	871251	109	13	5	10	4	<	155	<	<	0.90	25	67.8	1.3	155	14	0.4	<	<	10.0	-	-	40	6.6	<	15.2	2.96	49
63H	871252	102	11	3	14	3	<	77	<	3	0.40	45	70.8	0.8	60	11	0.4	<	<	10.0	-	-	40	6.7	<	13.0	3.04	35
63H	871253	108	21	15	27	11	<	477	1.0	<	3.40	55	19.4	5.4	310	37	<	<	<	10.0	-	-	40	6.9	0.11	16.8	3.76	54
63H	871254	107	9	3	7	3	<	106	<	<	0.60	25	76.2	1.4	100	11	0.4	<	<	10.0	-	-	40	6.6	<	13.0	2.76	42
63H	871255	88	29	6	18	5	<	112	<	3	0.80	35	64.8	3.1	145	21	0.2	<	<	10.0	-	-	40	6.5	<	9.0	2.40	30
63H	871256	142	21	10	27	9	<	211	1.0	2	2.10	50	34.8	5.7	260	21	0.3	<	<	10.0	-	-	40	6.6	<	9.2	2.40	28
63H	871257	102	10	7	10	4	<	206	1.0	<	0.70	50	72.4	1.0	145	14	0.3	<	<	10.0	-	-	40	6.2	<	5.4	1.44	15
63H	871258	136	11	4	10	3	<	148	<	2	0.60	35	80.4	0.6	105	12	0.4	<	<	10.0	-	-	30	6.2	<	4.6	1.32	10
63H	871259	122	9	3	8	3	<	151	<	2	0.60	40	80.6	0.7	75	11	0.4	<	<	10.0	-	-	30	5.9	<	2.6	0.76	7
63H	871262	98	10	3	10	3	<	82	<	2	0.30	40	74.2	0.5	80	10	0.3	<	<	10.0	-	-	40	6.3	<	6.4	1.60	17
63H	871263	119	9	3	10	2	<	90	<	2	0.30	45	74.8	0.7	60	10	0.4	<	<	10.0	-	-	40	6.3	<	6.2	1.56	17
63H	871264	133	17	9	22	8	<	217	1.0	2	1.70	55	47.6	4.6	225	22	0.2	<	<	10.0	-	-	40	6.8	<	16.2	3.68	51
63H	871266	132	12	9	20	7	<	151	<	<	1.20	45	50.6	2.4	255	14	<	<	<	10.0	-	-	50	6.8	<	15.8	3.32	50
63H	871267	129	17	12	27	9	<	215	<	<	2.50	55	29.4	3.8	325	24	<	<	<	10.0	-	-	50	6.8	<	14.4	3.28	42
63H	871268	88	13	5	13	4	<	113	<	<	0.80	25	65.6	1.5	175	13	0.3	<	<	10.0	-	-	50	7.1	<	17.6	4.20	61

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63H	871269	14	645753	5975204	AGG	02	.25-1	2	00	Lw	-	Gy	-
63H	871270	14	643190	5976072	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871271	14	641579	5979533	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871272	14	646437	5980929	AGG	02	.25-1	5	00	Lw	-	GnBr	-
63H	871273	14	643523	5983706	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871274	14	642046	5984071	AGG	02	.25-1		00	Md	-	GyBr	-
63H	871275	14	634347	5983881	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871276	14	633067	5981574	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871277	14	635061	5980552	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871278	14	633400	5978322	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871279	14	632480	5974367	AGG	02	1-5	5	00	Lw	-	GnBr	-
63H	871280	14	631863	5973205	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871282	14	634963	5972015	AGG	02	1-5	2	10	Lw	-	GnBr	-
63H	871283	14	634963	5972015	AGG	02	1-5	2	20	Lw	-	GnBr	-
63H	871284	14	631924	5967198	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871285	14	632366	5965177	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871286	14	634314	5963856	AGG	02	1-5	6	00	Lw	-	GnBr	-
63H	871287	14	637332	5961772	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871289	14	636094	5966677	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871290	14	640678	5965497	AGG	02	.25-1	2	00	Lw	-	Br	-
63H	871291	14	642025	5965814	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871292	14	645774	5968481	AGG	02	>5	5	00	Lw	-	GnGy	-
63H	871293	14	649189	5967872	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871294	14	652203	5965680	AGB	02	.25-1	1	00	Lw	-	Br	-
63H	871295	14	654859	5966277	AGB	02	.25-1	1	00	Lw	-	Br	-
63H	871296	14	658874	5965024	AGMV	02	.25-1	2	00	Lw	-	GnBr	-
63H	871297	14	659173	5964091	AGMV	02	>5	1	00	Lw	-	GyBr	-
63H	871298	14	662858	5961978	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871299	14	663777	5963304	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871300	14	666128	5963522	AGG	02	.25-1	10	00	Lw	-	Br	-
63H	871302	14	665594	5966214	AGG	02	.25-1	9	10	Lw	-	GnBr	-
63H	871303	14	665594	5966214	AGG	02	.25-1	9	20	Lw	-	GnBr	-
63H	871304	14	664890	5967090	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871305	14	661596	5966313	AGMV	02	>5	5	00	Lw	-	GnBr	-
63H	871306	14	657617	5968149	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871307	14	654484	5968907	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871308	14	649195	5971002	AGG	02	>5	5	00	Lw	-	GnGy	-
63H	871310	14	646492	5970988	AGG	02	1-5	3	00	Lw	-	GnBr	-
63H	871311	14	643465	5971501	AGG	02	>5	1	00	Lw	-	GnBr	-
63H	871312	14	642360	5968512	AGG	02	.25-1	1	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871269	111	16	9	22	6	<	151	<	<	1.40	30	47.0	1.7	235	22	<	<	<	10.0	-	-	50	6.7	<	13.4	2.92	44
63H	871270	83	11	3	8	2	<	106	<	3	0.40	40	80.8	1.0	80	12	0.3	<	<	10.0	-	-	40	6.6	<	13.0	3.12	42
63H	871271	127	12	5	12	5	<	125	<	<	0.80	25	63.4	1.5	115	12	0.3	<	<	10.0	-	-	40	6.5	<	7.0	1.40	19
63H	871272	119	17	4	12	7	<	116	<	<	1.00	55	71.8	1.3	90	14	0.2	<	1	10.0	-	-	40	6.4	<	6.4	1.52	18
63H	871273	143	9	4	9	2	<	62	<	<	0.30	45	75.0	1.0	60	10	0.4	<	<	10.0	-	-	30	6.4	<	7.2	1.48	18
63H	871274	126	14	3	11	5	<	92	<	<	0.50	45	68.8	2.9	55	14	0.5	<	<	10.0	-	-	30	6.4	<	6.8	1.44	16
63H	871275	110	12	6	16	6	<	154	<	<	0.50	45	58.0	2.4	140	16	0.2	<	<	10.0	-	-	40	6.8	<	11.0	2.32	33
63H	871276	118	15	6	15	6	<	128	<	<	0.90	35	58.6	3.0	145	11	0.2	<	<	10.0	-	-	40	6.5	<	6.6	1.68	22
63H	871277	107	15	5	16	5	<	107	<	2	0.60	35	65.2	2.4	115	10	0.3	<	<	10.0	-	-	40	6.8	<	12.4	3.00	39
63H	871278	94	12	4	14	3	<	72	<	<	0.50	40	65.0	3.2	95	10	0.3	<	<	10.0	-	-	40	6.6	<	14.0	3.00	42
63H	871279	120	15	8	15	5	<	216	<	<	1.90	50	56.4	2.5	195	20	<	<	<	10.0	-	-	40	6.6	<	8.0	2.00	25
63H	871280	105	9	4	8	3	<	129	<	<	0.60	35	72.2	1.0	95	11	0.3	<	<	10.0	-	-	30	6.3	<	7.0	1.80	22
63H	871282	153	12	7	17	5	<	158	1.0	<	0.80	60	57.8	1.5	170	11	0.4	<	<	10.0	-	-	50	6.6	<	9.8	2.32	29
63H	871283	157	13	6	17	6	<	145	2.0	<	0.80	65	57.6	1.1	155	11	0.6	<	<	10.0	-	-	50	6.6	<	8.6	2.24	29
63H	871284	189	6	3	6	<	<	82	<	<	0.20	35	87.4	0.5	75	6	0.6	<	<	10.0	-	-	40	6.7	<	8.4	2.12	26
63H	871285	107	14	6	14	4	<	175	<	<	1.10	25	62.4	1.3	195	15	0.2	<	<	10.0	-	-	50	7.0	<	19.2	6.40	75
63H	871286	95	22	15	29	11	<	305	1.0	<	3.00	50	21.4	2.7	365	44	<	<	<	10.0	-	-	50	6.9	<	24.0	5.20	78
63H	871287	130	10	6	12	5	<	128	<	<	0.90	25	57.8	1.7	225	11	0.2	<	<	10.0	-	-	40	6.6	<	8.6	2.40	27
63H	871289	124	7	4	3	2	<	133	1.0	<	0.40	35	28.8	0.7	80	7	0.3	<	<	10.0	-	-	50	6.5	<	9.4	1.88	28
63H	871290	188	5	3	3	2	<	159	1.0	<	0.30	30	82.8	<	55	<	0.4	<	<2	5.00	-	-	50	6.8	0.34	9.6	2.32	30
63H	871291	169	6	5	4	2	<	170	1.0	2	0.30	35	90.4	0.7	65	10	0.5	<	<	10.0	-	-	40	6.7	<	9.6	2.40	31
63H	871292	113	19	13	26	9	<	306	1.0	<	2.90	30	82.2	2.5	300	34	<	<	3	10.0	<4	2.50	40	6.8	<	16.2	3.44	52
63H	871293	105	15	4	11	3	<	81	<	2	0.50	30	72.0	1.9	110	10	0.4	<	<	10.0	-	-	40	6.9	<	19.0	4.40	64
63H	871294	95	7	2	6	3	<	180	<	2	0.40	50	81.8	0.5	65	9	0.4	<	<	10.0	-	-	50	6.1	<	4.0	1.36	12
63H	871295	122	6	5	4	2	<	184	<	<	0.40	30	78.4	1.9	85	8	0.5	<	<	10.0	-	-	40	7.0	<	29.0	5.20	89
63H	871296	107	15	4	11	4	<	201	<	<	0.80	25	73.8	1.7	155	12	0.2	<	<	10.0	-	-	50	6.7	<	11.0	4.40	43
63H	871297	84	30	16	35	14	<	517	2.0	<	3.00	20	4.8	3.1	495	52	<	0.2	<	10.0	<4	2.50	50	6.8	<	16.4	3.80	54
63H	871298	128	7	3	4	2	<	116	<	<	0.40	45	79.4	0.5	80	8	0.4	<	<	10.0	-	-	50	6.5	<	7.6	1.84	22
63H	871299	123	11	6	9	3	<	59	<	2	0.40	50	72.6	2.0	55	10	0.3	<	<2	5.00	-	-	40	6.7	<	10.2	2.36	33
63H	871300	117	16	5	12	5	<	259	1.0	<	1.30	100	56.6	5.3	85	15	0.4	<	<	10.0	-	-	40	6.3	<	5.0	1.20	12
63H	871302	121	20	13	25	9	<	265	<	<	2.80	75	31.8	7.0	335	22	<	<	<	10.0	-	-	30	6.6	<	9.4	2.40	30
63H	871303	113	19	12	26	7	<	250	<	<	2.40	100	32.4	6.9	285	28	0.2	<	<	10.0	-	-	40	6.6	<	9.0	2.36	30
63H	871304	99	16	7	17	5	<	151	<	<	1.00	30	57.8	3.4	220	19	<	<	<	10.0	-	-	40	6.7	<	14.2	3.80	51
63H	871305	109	25	13	30	10	<	313	1.0	<	2.80	60	24.4	5.5	320	34	<	<	<	10.0	-	-	40	6.8	0.12	16.2	3.72	54
63H	871306	165	6	4	9	3	<	116	<	<	0.40	45	77.2	0.5	80	7	0.4	<	<	10.0	-	-	40	6.4	<	6.4	1.40	14
63H	871307	131	9	4	13	3	<	96	<	2	0.40	45	70.0	0.7	60	7	0.3	<	<	10.0	-	-	40	6.5	<	6.8	1.84	19
63H	871308	113	21	11	24	8	<	261	1.0	<	2.00	50	43.0	2.8	275	24	<	<	<	10.0	-	-	30	6.7	<	16.4	3.36	52
63H	871310	88	15	5	15	4	<	246	<	<	1.00	45	61.2	2.0	150	13	<	<	<	10.0	-	-	40	6.8	<	13.0	2.80	40
63H	871311	98	15	8	21	6	<	154	<	<	1.30	35	43.2	1.8	225	19	<	<	<	10.0	-	-	50	6.7	<	13.6	2.88	45
63H	871312	88	11	4	10	2	0.2	55	<	<	0.40	45	67.6	17.8	115	10	0.2	<	<	10.0	-	-	50	7.0	<	20.0	4.20	69

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
63H	871313	14	640688	5969242	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871314	14	640378	5970923	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871315	14	639276	5974271	AGG	02	1-5	1	00	Lw	-	Br	-
63H	871316	14	637397	5976544	AGG	02	1-5	12	00	Lw	-	GnBr	-
63H	871317	14	639647	5979346	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871318	14	639211	5983123	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871319	14	668364	5986089	AGG	02	.25-1	1	00	Lw	-	Br	-
63H	871320	14	668103	5984406	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63H	871322	14	670554	5982908	AGG	02	1-5	4	10	Lw	-	GyBr	-
63H	871323	14	670554	5982908	AGG	02	1-5	4	20	Lw	-	GyBr	-
63H	871325	14	671514	5979729	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63H	871326	14	667822	5980999	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871327	14	665350	5983896	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63H	871328	14	664594	5979614	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63H	871329	14	661755	5978114	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871330	14	658993	5979087	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63H	871331	14	659799	5980829	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63H	871332	14	657808	5982992	AGG	02	1-5	3	00	Lw	-	GyBr	-
63H	871333	14	654609	5981754	AGG	02	1-5	3	00	Lw	-	GyBr	-
63H	871334	14	654470	5985243	AGG	02	.25-1	3	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63H	871313	166	8	5	12	4	<	131	<	<	0.60	65	63.2	1.1	160	12	0.6	<	<	10.0	-	-	50	7.0	<	18.4	3.52	57
63H	871314	98	7	3	5	2	<	168	<	<	0.40	50	82.6	0.6	75	10	0.5	<	<	10.0	-	-	40	6.3	<	6.0	1.40	17
63H	871315	67	9	8	15	6	<	223	1.0	<	1.80	30	7.4	2.0	220	19	<	<	<	10.0	<4	2.50	40	6.9	0.13	15.2	3.12	48
63H	871316	74	11	10	18	10	0.2	421	1.0	<	2.20	30	7.2	2.1	320	25	<	<	<	10.0	<4	2.50	30	6.9	<	15.4	3.08	48
63H	871317	141	10	4	8	5	0.2	141	<	<	0.70	50	72.2	1.7	80	11	0.5	<	<	10.0	-	-	30	6.1	0.59	4.4	0.92	9
63H	871318	109	11	2	12	2	0.2	77	<	<	0.40	45	63.6	2.3	100	9	0.3	<	<	10.0	-	-	30	6.6	<	8.4	1.64	24
63H	871319	159	9	2	8	4	<	116	<	<	0.40	45	74.4	1.1	70	8	0.5	<	2	10.0	<4	2.50	30	6.3	0.51	5.0	1.08	14
63H	871320	132	10	3	9	3	<	48	<	<	0.50	50	72.4	1.5	90	8	0.3	<	<	10.0	-	-	30	6.5	0.22	8.6	1.60	23
63H	871322	110	15	5	12	4	<	92	1.0	<	0.80	45	53.0	1.9	155	11	0.3	<	<	10.0	-	-	50	6.7	<	13.8	2.32	43
63H	871323	104	16	6	12	4	<	100	1.0	<	0.70	45	52.8	2.3	140	11	0.3	<	<	10.0	-	-	40	6.7	<	13.8	2.52	42
63H	871325	94	12	4	9	3	<	73	<	<	0.70	25	60.4	2.6	130	12	0.2	<	<	10.0	-	-	50	6.8	0.07	19.6	3.32	59
63H	871326	247	7	3	3	<	<	67	<	<	0.20	50	85.2	0.5	70	5	0.6	<	<	10.0	-	-	40	6.6	<	9.0	1.96	29
63H	871327	170	8	4	6	2	<	80	<	<	0.40	50	80.6	1.0	70	8	0.5	<	<	10.0	-	-	40	6.9	<	18.6	2.72	57
63H	871328	123	10	6	9	3	<	83	<	<	0.70	45	59.4	1.9	140	8	0.4	<	<	10.0	-	-	40	6.8	<	16.0	2.60	49
63H	871329	109	12	9	14	5	<	173	3.0	<	1.00	50	41.0	2.1	300	13	0.3	<	<	10.0	-	-	40	7.2	<	17.0	2.96	53
63H	871330	153	11	7	10	3	<	87	<	<	0.80	45	57.6	1.3	170	10	0.4	<	<	10.0	-	-	40	6.8	<	15.8	2.76	48
63H	871331	154	9	6	8	3	<	62	<	<	0.60	35	65.8	1.0	120	9	0.6	<	<	10.0	-	-	40	6.8	<	16.6	2.40	49
63H	871332	117	7	4	5	2	<	60	<	<	0.50	50	75.0	0.8	100	7	0.3	<	<	10.0	-	-	30	6.7	<	12.8	1.88	39
63H	871333	131	8	4	6	2	<	60	<	<	0.50	45	73.0	1.1	85	7	0.5	<	<	10.0	-	-	30	6.7	<	12.6	1.84	37
63H	871334	138	6	3	2	2	<	92	<	<	0.30	50	1.4	0.5	65	5	0.5	<	<	10.0	<	10.0	30	6.9	<	19.0	2.80	58

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871002	14	586018	6048086	AGG	02	1-5	1	10	Lw	-	GnBr	-
63I	871003	14	586018	6048086	AGG	02	1-5	1	20	Lw	-	GnBr	-
63I	871004	14	594841	6048301	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871005	14	599239	6048716	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871006	14	605199	6048730	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871007	14	610164	6048973	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871008	14	614439	6048696	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871009	14	616714	6047518	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871010	14	621408	6047864	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871011	14	625336	6048258	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871013	14	628314	6048764	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871014	14	631298	6048373	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871015	14	633954	6048229	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871016	14	638779	6049044	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871017	14	643245	6047892	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871018	14	645240	6048190	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871019	14	652100	6047800	AGG	02	.25-1	5	00	Lw	-	GnBr	-
63I	871020	14	656533	6049466	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871022	14	661057	6048755	AGG	02	1-5	5	10	Lw	-	GnBr	-
63I	871023	14	661057	6048755	AGG	02	1-5	5	20	Lw	-	GnBr	-
63I	871024	14	663517	6048876	AGG	02	1-5	4	00	Lw	-	GnBr	-
63I	871025	14	665988	6049607	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871026	14	671172	6048169	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871027	14	681826	6048801	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871028	14	686112	6048576	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871029	14	686484	6046882	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871030	14	692696	6047243	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871032	14	693314	6045879	AGMV	02	1-5	8	00	Lw	-	Gn	-
63I	871033	14	692408	6043767	AGMV	02	.25-1	3	00	Lw	-	GnBr	-
63I	871034	14	692988	6042699	AGMV	02	.25-1	2	00	Lw	-	GnBr	-
63I	871035	14	693322	6040432	AGG	02	.25-1	6	00	Lw	-	GnBr	-
63I	871036	14	693173	6037438	AGG	02	1-5	3	00	Lw	-	Br	-
63I	871037	14	691505	6038681	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871038	14	689145	6038736	AGMV	02	.25-1	3	00	Lw	-	GnBr	-
63I	871039	14	688863	6040116	AGMV	02	1-5	15	00	Lw	-	GnBr	-
63I	871040	14	691980	6040017	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871042	14	689627	6043880	AGMV	02	1-5	2	10	Lw	-	GnBr	-
63I	871043	14	689627	6043880	AGMV	02	1-5	2	20	Lw	-	GnBr	-
63I	871044	14	680191	6043594	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871045	14	676559	6045863	AGG	02	.25-1	1	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct	ppm	ppm	ppm	ppm	ppm	ppb	gm	ppb	wght	ppb		ppb	ppm	ppm	ppm
	Detection Limit:	2	2	2	2	2	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	rpt	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA			rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871002	107	21	12	23	8	<	233	1.0	<	2.72	40	34.3	2.0	455	38	<	<	<	10.0	-	-	60	6.7	<	15.2	4.00	54
63I	871003	91	21	14	23	8	0.2	227	1.0	<	2.60	40	35.8	1.7	415	41	<	<	<	10.0	-	-	50	6.7	<	15.0	4.00	54
63I	871004	138	6	3	5	<	<	129	<	<	0.33	30	76.4	0.5	95	11	0.4	<	<	10.0	-	-	30	6.3	<	5.8	1.70	18
63I	871005	103	11	2	12	4	<	105	<	2	0.67	55	59.4	1.2	170	15	<	<	<	10.0	-	-	30	6.6	<	11.2	2.30	35
63I	871006	133	8	4	9	3	<	118	1.0	<	0.60	35	80.0	0.9	130	11	0.5	<	1	10.0	-	-	30	6.5	<	6.8	3.20	19
63I	871007	98	13	4	13	3	<	71	<	<	0.65	45	68.6	2.6	145	17	0.2	<	<	10.0	-	-	40	6.8	<	15.8	3.30	50
63I	871008	127	11	5	13	4	<	84	1.0	2	0.52	60	67.6	1.1	125	12	0.4	<	<	10.0	-	-	30	6.7	<	14.6	2.80	46
63I	871009	119	13	7	15	4	<	94	<	<	0.95	55	58.2	2.0	215	20	0.2	<	2	10.0	-	-	30	6.7	<	11.6	2.50	37
63I	871010	176	13	4	10	3	<	81	2.0	<	0.48	40	76.9	1.2	105	9	0.4	<	<	10.0	-	-	30	6.6	<	9.6	2.30	30
63I	871011	118	13	6	9	3	<	50	1.0	<	0.45	75	67.4	0.9	85	11	0.6	<	<	10.0	-	-	30	6.7	<	11.0	2.50	34
63I	871013	124	12	2	10	2	<	65	<	3	0.34	50	78.8	3.1	85	8	0.3	<	<	7.50	-	-	40	6.7	<	14.6	3.40	45
63I	871014	97	15	<	15	3	<	67	<	<	0.68	35	65.6	7.9	175	16	0.2	<	<	10.0	-	-	40	6.7	<	12.8	3.10	41
63I	871015	123	14	4	7	3	<	52	<	3	0.69	40	73.2	4.5	115	13	<	<	<	10.0	-	-	40	6.7	<	13.6	2.50	42
63I	871016	111	14	2	9	2	<	43	<	3	0.21	40	78.4	2.8	75	9	0.2	<	<	10.0	-	-	30	6.9	<	18.4	3.80	56
63I	871017	108	11	<	9	2	<	93	<	<	0.54	40	73.8	0.6	110	13	0.3	<	<	10.0	-	-	30	6.7	<	12.0	2.80	40
63I	871018	126	7	2	6	<	0.7	92	<	<	0.32	35	80.0	0.5	75	9	0.4	<	<	10.0	-	-	30	7.1	<	22.0	4.00	69
63I	871019	78	22	3	15	3	<	66	<	<	0.62	65	68.0	1.4	95	14	0.2	<	3	10.0	<4	2.50	30	6.8	<	18.2	3.30	55
63I	871020	99	15	2	9	2	<	53	<	2	0.51	40	71.6	1.2	105	13	<	<	2	10.0	<4	2.50	30	6.7	<	15.0	2.70	45
63I	871022	123	17	11	15	6	<	199	2.0	<	1.37	110	43.6	1.9	270	21	<	<	9	10.0	6	2.50	40	7.0	<	26.0	4.60	80
63I	871023	105	17	5	14	6	<	184	1.0	<	1.32	85	45.0	1.7	275	21	0.2	<	4	10.0	1	2.50	40	7.0	<	25.0	4.60	79
63I	871024	90	20	9	14	2	<	56	<	<	0.77	50	65.4	0.9	110	16	0.3	<	2	10.0	-	-	30	6.8	<	17.6	3.10	57
63I	871025	107	17	3	11	3	<	55	1.0	<	0.68	45	73.8	1.0	135	12	0.2	<	2	10.0	1	2.50	30	6.9	<	22.0	3.60	65
63I	871026	118	13	5	10	3	<	77	<	<	0.86	30	67.0	1.3	180	19	0.2	<	3	10.0	6	2.50	40	7.1	<	25.0	4.60	77
63I	871027	111	15	4	16	3	<	64	<	<	0.81	40	71.4	1.7	170	9	0.2	<	<	10.0	2	2.50	60	7.1	<	25.0	6.40	86
63I	871028	91	9	4	10	3	<	183	1.0	<	0.83	65	66.4	1.4	115	13	<	<	3	10.0	<4	2.50	70	7.6	<	34.0	7.60	112
63I	871029	113	10	2	9	2	<	79	<	<	0.62	25	74.0	1.6	125	13	0.3	<	2	10.0	2	2.50	60	7.1	<	20.0	5.40	72
63I	871030	76	18	4	14	4	<	106	1.0	<	0.79	40	62.2	5.1	155	19	<	<	2	10.0	-	-	60	7.1	0.07	24.0	5.80	79
63I	871032	117	30	15	26	8	<	205	1.0	<	2.00	70	32.8	6.0	390	35	0.4	<	2	10.0	<4	2.50	60	7.0	0.09	19.4	3.90	61
63I	871033	99	32	2	25	6	<	87	1.0	3	0.90	85	58.6	22.1	240	20	0.2	<	3	10.0	6	2.50	50	7.1	0.50	23.0	5.00	74
63I	871034	98	14	4	13	3	<	65	<	3	0.65	55	59.8	7.1	150	13	0.2	<	4	10.0	<4	2.50	50	6.8	<	11.6	2.80	38
63I	871035	90	11	6	9	4	0.2	308	2.0	<	1.44	75	29.6	5.3	185	17	0.2	<	2	10.0	1	2.50	40	6.9	0.06	16.8	2.80	51
63I	871036	109	16	<	7	3	<	114	<	<	0.67	75	62.8	3.3	75	12	0.3	<	2	10.0	-	-	40	6.9	<	15.6	2.60	47
63I	871037	94	15	<	7	3	0.5	82	<	<	0.48	40	62.4	4.1	70	10	0.3	<	2	10.0	-	-	30	6.9	<	15.8	2.90	51
63I	871038	89	14	3	17	3	<	84	<	<	0.77	30	74.0	4.7	145	13	<	<	<	10.0	<4	2.50	40	7.1	<	20.0	3.60	61
63I	871039	78	13	5	14	5	<	394	1.0	<	1.77	70	23.6	3.6	215	21	<	<	2	10.0	<2	5.00	40	7.1	0.08	19.2	3.60	60
63I	871040	85	28	5	18	6	0.3	110	<	<	0.96	90	53.6	9.2	175	21	0.2	<	<	10.0	<4	2.50	30	6.8	0.07	13.8	3.20	44
63I	871042	93	15	3	12	3	<	114	<	<	0.75	55	72.0	8.9	145	17	0.2	<	<	10.0	-	-	70	6.8	0.06	17.2	3.90	58
63I	871043	82	16	2	12	3	<	127	<	<	0.79	50	71.4	9.1	145	14	<	<	<	10.0	-	-	60	6.9	0.05	17.0	3.80	57
63I	871044	87	16	7	15	5	<	170	2.0	<	1.25	35	59.4	2.3	305	26	<	<	<	10.0	-	-	60	6.9	<	19.4	4.40	68
63I	871045	106	18	2	15	3	0.2	55	<	3	0.58	40	74.0	6.1	100	12	0.2	<	<	10.0	-	-	60	7.4	<	29.0	6.60	93

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871046	14	674121	6045680	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871047	14	671034	6046243	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871048	14	665400	6044878	AGG	02	>5	1	00	Lw	-	Gn	-
63I	871049	14	662402	6044550	AGG	02	>5	2	00	Lw	-	Gn	-
63I	871050	14	658474	6045903	AGG	02	1-5	11	00	Lw	-	GnBr	-
63I	871051	14	650305	6047007	AGG	02	1-5	12	00	Lw	-	GnBr	-
63I	871052	14	641789	6044416	AGG	02	>5	2	00	Lw	-	GnBr	-
63I	871053	14	638203	6044182	AGG	02	>5	2	00	Lw	-	GnBr	-
63I	871054	14	634494	6044134	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871055	14	632642	6043614	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871056	14	627735	6044086	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871057	14	619507	6044507	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871058	14	614821	6045033	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871059	14	602684	6047227	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871062	14	593072	6047639	AGG	02	1-5	1	10	Lw	-	GnBr	-
63I	871063	14	593072	6047626	AGG	02	1-5	1	20	Lw	-	GnBr	-
63I	871064	14	588365	6046276	AGG	02	.25-1	2	00	Lw	-	GnGy	-
63I	871065	14	600189	6046152	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871066	14	605716	6044583	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871067	14	609270	6044688	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871068	14	616933	6044394	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871070	14	624310	6043650	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871071	14	631882	6041509	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871072	14	635408	6040799	AGG	02	1-5	1	00	Lw	-	GyBr	-
63I	871073	14	638942	6040757	AGG	02	>5	1	00	Lw	-	GnBr	-
63I	871074	14	644618	6043497	AGG	02	>5	7	00	Lw	-	GnGy	-
63I	871075	14	649464	6045445	AGG	02	.25-1	2	00	Lw	-	-	-
63I	871076	14	653876	6045549	AGG	02	>5	5	00	Lw	-	GnBr	-
63I	871077	14	658070	6043203	AGG	02	>5	2	00	Lw	-	GnGy	-
63I	871078	14	663128	6042185	AGG	02	.25-1	3	00	Lw	-	BrBk	-
63I	871079	14	668653	6041360	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871080	14	672341	6041025	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	871082	14	677314	6042959	AGG	02	1-5	4	10	Lw	-	GyBr	-
63I	871083	14	677314	6042959	AGG	02	1-5	4	20	Lw	-	GyBr	-
63I	871084	14	685098	6041362	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871085	14	685012	6039973	AGMV	02	.25-1	3	00	Lw	-	GnGy	-
63I	871086	14	686019	6040201	AGMV	02	>5	10	00	Lw	-	GyBr	-
63I	871087	14	687862	6041210	AGMV	02	>5	1	00	Lw	-	GyBr	-
63I	871088	14	690778	6037136	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871089	14	693366	6035190	AGG	02	.25-1	1	00	Lw	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U-	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	871046	101	20	4	12	4	<	74	<	<	0.78	30	63.4	7.1	150	17	0.2	<	<	10.0	-	-	60	7.0	0.05	18.4	5.20	68
631	871047	105	10	2	9	3	0.2	88	1.0	<	0.65	40	72.6	1.2	125	13	0.3	<	<	10.0	-	-	60	7.2	<	24.0	4.80	77
631	871048	79	20	3	13	4	<	125	1.0	<	0.80	25	62.0	1.7	170	28	0.2	<	<	10.0	-	-	50	7.0	<	19.6	4.00	64
631	871049	68	8	<	9	3	<	157	<	<	0.81	25	65.4	0.9	150	11	0.3	<	<	10.0	-	-	50	7.0	<	20.0	4.20	67
631	871050	71	19	7	15	6	0.3	163	1.0	<	1.38	55	34.8	1.8	295	24	<	<	<	10.0	-	-	50	7.3	<	27.0	5.20	84
631	871051	97	26	8	16	6	<	117	1.0	<	1.15	100	56.2	1.6	185	20	0.2	<	3	10.0	-	-	40	7.0	<	17.6	3.30	56
631	871052	79	13	7	14	5	0.2	93	1.0	<	1.40	30	55.0	1.6	225	21	<	<	<	10.0	-	-	40	6.7	<	13.4	2.90	45
631	871053	85	14	3	12	4	0.2	80	<	<	1.14	25	54.9	1.6	225	21	<	<	<	10.0	-	-	40	6.7	<	13.0	2.90	43
631	871054	137	7	4	6	2	<	67	1.0	<	0.48	40	78.0	1.4	80	7	0.4	<	<	10.0	-	-	50	6.9	<	19.6	3.80	59
631	871055	112	16	2	10	4	<	83	<	3	1.06	45	70.2	3.3	130	17	0.3	<	<	10.0	-	-	50	6.8	<	17.4	3.50	56
631	871056	93	14	<	7	3	<	103	<	<	0.63	40	76.0	1.7	90	11	0.2	<	<	10.0	-	-	50	6.9	<	16.0	3.60	54
631	871057	96	8	2	5	2	<	74	1.0	<	0.38	45	78.2	1.9	70	9	0.4	<	<	10.0	-	-	40	6.7	<	10.0	2.30	32
631	871058	110	9	<	6	2	<	76	<	<	0.42	25	75.0	2.3	95	9	0.2	<	<	10.0	-	-	40	6.7	<	9.8	2.20	33
631	871059	166	8	2	6	4	<	435	1.0	<	0.58	70	79.0	0.9	100	10	<	<	<	10.0	-	-	40	6.6	<	7.8	1.80	24
631	871062	138	7	<	6	3	<	254	<	<	0.74	40	71.2	1.0	165	13	0.2	<	<	10.0	-	-	50	6.2	<	5.2	1.20	15
631	871063	145	7	3	7	3	<	307	1.0	<	0.73	45	71.8	0.7	120	12	0.4	<	<	10.0	-	-	40	6.2	<	5.2	1.24	15
631	871064	101	17	9	20	7	<	171	1.0	<	2.01	45	46.8	1.9	325	30	<	<	<	10.0	-	-	60	6.7	<	16.2	4.60	61
631	871065	136	8	2	7	3	<	104	<	<	0.64	60	74.0	0.8	105	8	0.2	<	<	10.0	-	-	40	6.5	<	6.4	1.60	21
631	871066	119	12	7	15	6	<	178	1.0	<	1.13	75	56.4	3.0	255	21	<	<	<	10.0	-	-	50	7.0	<	21.0	4.60	68
631	871067	85	14	<	12	3	<	74	<	<	0.83	40	66.6	2.7	150	14	0.3	<	<	10.0	-	-	50	6.8	<	14.0	3.20	47
631	871068	97	12	3	11	4	<	66	<	2	0.70	35	62.0	2.7	150	12	0.3	<	1	10.0	-	-	40	6.6	<	9.2	2.20	31
631	871070	138	10	<	9	2	<	38	<	<	0.38	30	80.6	1.9	75	6	0.3	<	<	10.0	-	-	60	6.7	<	11.0	2.40	35
631	871071	138	17	2	12	3	<	76	2.0	2	0.90	20	75.8	4.1	125	11	0.2	<	<	10.0	-	-	50	6.9	<	18.6	3.50	56
631	871072	117	11	<	10	4	<	89	<	<	0.88	20	66.0	1.4	135	15	<	<	<	10.0	-	-	50	6.7	<	13.6	3.00	44
631	871073	113	16	2	15	5	<	75	<	<	1.03	30	63.6	1.9	150	17	<	<	<	10.0	-	-	50	6.8	<	14.8	3.00	47
631	871074	71	28	14	36	12	<	334	2.0	<	3.18	20	5.4	2.5	605	43	<	<	<	10.0	7	2.50	50	7.0	<	22.0	4.00	70
631	871075	90	13	3	12	3	<	56	<	<	0.62	25	71.6	0.8	110	10	<	<	<	10.0	-	-	50	6.7	<	14.6	3.70	48
631	871076	44	10	2	11	4	<	102	1.0	<	1.30	15	20.0	1.1	140	16	<	<	<	10.0	-	-	50	7.1	<	23.0	4.60	69
631	871077	60	11	3	12	3	<	128	<	<	0.97	20	55.6	1.3	190	11	<	<	<	10.0	-	-	50	7.1	<	22.0	4.40	68
631	871078	181	7	2	5	3	<	46	1.0	<	0.25	40	82.7	<	90	6	0.4	<	-	-	-	-	60	7.0	<	21.0	3.90	64
631	871079	103	18	4	16	5	<	91	1.0	3	1.18	35	59.6	2.3	215	18	<	<	2	10.0	-	-	40	6.9	<	19.6	3.70	60
631	871080	83	10	3	15	5	<	194	1.0	<	1.34	40	42.2	1.5	250	16	<	<	2	10.0	2	2.50	40	7.1	<	22.0	4.80	72
631	871082	97	15	7	18	8	<	192	1.0	<	1.90	40	44.0	2.1	325	24	<	<	<	10.0	-	-	60	7.0	0.08	22.0	4.80	67
631	871083	103	15	8	19	8	<	185	1.0	<	1.74	50	43.6	2.2	320	21	<	<	<	10.0	-	-	60	7.0	<	21.0	4.60	67
631	871084	96	19	3	16	5	<	127	<	<	1.27	25	75.4	7.6	200	16	<	<	<	10.0	-	-	50	6.8	0.14	18.2	4.60	61
631	871085	82	21	5	23	5	<	113	1.0	4	1.40	35	64.0	2.6	240	21	<	<	<	10.0	-	-	50	7.0	<	19.0	4.80	63
631	871086	76	29	5	21	6	<	107	1.0	<	1.02	70	47.4	4.3	160	17	<	<	<	10.0	-	-	60	6.8	0.05	20.0	4.80	64
631	871087	113	35	14	32	11	<	262	2.0	<	2.93	70	70.4	5.6	325	42	<	<	<4	2.50	-	-	50	6.9	0.06	19.6	4.60	64
631	871088	138	14	2	13	4	<	92	1.0	2	0.69	45	78.2	2.3	80	9	0.4	<	6	10.0	-	-	40	6.7	<	12.8	2.00	37
631	871089	193	10	<	11	6	<	87	<	<	0.57	45	70.4	0.7	55	10	0.5	<	<	10.0	-	-	30	6.3	<	6.8	1.20	15

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871090	14	691972	6030413	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871092	14	692775	6026565	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	871093	14	694065	6023348	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	871094	14	695068	6017952	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871095	14	694024	6016966	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871096	14	695142	6012012	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871097	14	695436	6010055	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871098	14	695306	6007355	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871099	14	694680	6000418	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871100	14	694902	5998235	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871102	14	695784	5994454	AGG	02	.25-1	2	10	Lw	-	GnGy	-
63I	871103	14	695784	5994454	AGG	02	.25-1	2	20	Lw	-	GnGy	-
63I	871104	14	696072	5990024	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871105	14	693715	5991770	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871106	14	692094	5995144	AGG	02	1-5	4	00	Lw	-	GnBr	-
63I	871107	14	692915	5999362	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871108	14	693132	6001533	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871109	14	691954	6004354	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871110	14	692025	6010192	AGG	02	1-5	5	00	Lw	-	GnBr	-
63I	871111	14	692785	6013746	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871112	14	692311	6017202	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871113	14	689307	6024481	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871114	14	689994	6029729	AGG	02	1-5	4	00	Lw	-	GnBr	-
63I	871115	14	689612	6030920	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871116	14	688934	6034240	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871118	14	688644	6035924	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871119	14	687955	6037305	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871120	14	686672	6038628	AGMV	02	.25-1	6	00	Lw	-	GnBr	-
63I	871122	14	680572	6040522	AGG	02	.25-1	4	10	Lw	-	GnGy	-
63I	871123	14	680572	6040522	AGG	02	.25-1	4	20	Lw	-	GnGy	-
63I	871124	14	676797	6040674	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871125	14	671707	6039364	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871126	14	665251	6039526	AGG	02	1-5	4	00	Lw	-	GnBr	-
63I	871127	14	662036	6040116	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871128	14	655218	6039805	AGG	02	>5	3	00	Lw	-	GnGy	-
63I	871130	14	654040	6039868	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871131	14	644754	6038628	AGG	02	>5	3	00	Lw	-	GnBr	-
63I	871132	14	641511	6039255	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871133	14	639513	6037420	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871134	14	636357	6037231	AGG	02	.25-1	4	00	Lw	-	GnBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871090	128	10	2	7	4	<	179	1.0	2	0.93	40	80.0	2.0	70	14	0.2	<	<	10.0	-	-	40	7.0	<	25.0	3.00	70
63I	871092	118	37	<	14	3	<	50	1.0	4	0.65	65	79.2	6.6	95	13	0.3	<	<	7.50	-	-	70	7.0	<	25.0	6.20	80
63I	871093	92	13	4	17	5	<	95	1.0	<	1.23	45	50.0	3.0	210	15	0.2	<	<	10.0	-	-	50	6.7	<	15.4	2.80	45
63I	871094	151	14	3	15	2	<	51	1.0	10	0.38	40	82.2	3.1	70	7	0.2	<	<	10.0	-	-	50	6.9	<	20.0	3.80	61
63I	871095	131	21	4	15	3	<	52	<	3	0.65	45	67.6	20.1	100	12	0.3	<	<2	5.00	-	-	50	6.9	0.22	21.0	4.00	63
63I	871096	90	20	6	17	4	<	108	1.0	<	1.40	45	66.4	6.7	130	19	<	<	<	10.0	-	-	40	6.8	0.16	17.0	3.30	54
63I	871097	84	27	2	10	3	<	103	1.0	10	0.72	40	49.8	18.5	160	19	<	<	<	10.0	-	-	110	7.4	0.32	33.0	8.20	106
63I	871098	124	20	2	12	4	<	49	<	3	0.33	55	70.4	14.7	60	8	<	<	<	10.0	-	-	60	6.6	<	9.2	1.90	27
63I	871099	123	22	3	12	5	<	42	<	3	0.61	40	71.4	14.0	<40	14	0.4	<	<	10.0	-	-	30	6.4	<	8.0	1.50	22
63I	871100	102	15	3	10	4	<	70	<	<	0.79	40	73.8	10.0	55	13	<	<	<	10.0	-	-	30	6.5	<	7.4	1.30	20
63I	871102	107	14	2	10	4	<	64	<	<	0.73	45	74.6	3.4	75	9	0.2	<	<	10.0	-	-	60	6.6	<	12.0	2.50	38
63I	871103	110	16	<	10	4	<	61	<	3	0.69	45	74.2	3.7	65	7	0.2	<	<	10.0	-	-	60	6.7	<	12.2	2.50	38
63I	871104	131	12	<	10	6	<	84	<	<	0.70	40	77.4	1.4	60	10	0.2	<	<	10.0	-	-	50	6.3	<	4.4	1.10	13
63I	871105	103	15	<	11	5	<	79	<	<	1.07	25	59.4	3.0	130	12	0.2	<	<	10.0	-	-	40	6.4	<	7.8	1.60	24
63I	871106	127	15	<	12	5	<	69	<	<	0.92	35	74.6	2.2	70	12	0.3	<	<	10.0	-	-	40	6.3	<	6.2	1.20	17
63I	871107	141	17	<	11	3	<	42	<	2	0.62	45	76.2	4.8	65	9	0.3	<	<	10.0	-	-	40	6.6	<	9.6	1.90	29
63I	871108	128	9	<	6	3	<	71	<	<	0.34	25	78.6	4.3	60	9	<	<	<	10.0	-	-	40	6.6	<	10.6	2.30	34
63I	871109	105	41	<	17	4	<	42	<	2	0.45	30	70.8	34.4	70	13	0.2	<	<	10.0	-	-	50	6.9	0.38	20.0	6.00	69
63I	871110	134	28	2	16	5	<	89	<	2	1.10	50	75.6	7.6	110	19	0.2	<	<	10.0	-	-	40	6.8	0.17	15.8	3.00	50
63I	871111	118	21	2	17	5	<	85	<	<	1.04	75	74.2	10.4	130	19	0.2	<	<	10.0	-	-	50	6.9	0.15	22.0	3.80	63
63I	871112	159	11	<	13	3	0.2	61	<	2	0.38	45	77.8	2.8	80	5	0.3	<	<	10.0	-	-	40	7.0	<	21.0	3.40	60
63I	871113	136	19	2	19	5	<	124	1.0	<	1.86	45	53.4	6.2	190	24	0.3	<	<	10.0	-	-	40	6.9	<	15.6	2.60	46
63I	871114	116	13	<	9	4	<	69	<	<	1.10	50	75.8	1.5	75	9	0.3	<	<	10.0	-	-	40	6.8	<	13.8	2.30	41
63I	871115	192	21	<	12	5	<	66	<	<	0.74	45	80.2	2.0	60	12	0.3	<	<	10.0	-	-	40	6.9	<	21.0	2.90	59
63I	871116	161	12	<	8	3	<	100	<	<	0.63	30	79.6	1.1	65	10	0.6	<	<	10.0	-	-	30	6.5	<	8.2	1.20	23
63I	871118	121	16	<	10	4	<	62	<	2	0.56	60	38.2	3.4	60	10	0.4	<	<	10.0	-	-	40	6.6	<	10.4	1.80	27
63I	871119	93	21	<	11	4	<	42	<	<	0.43	50	60.8	4.0	70	11	0.3	<	<	10.0	-	-	40	6.8	<	17.0	3.20	50
63I	871120	75	40	<	22	6	0.4	93	<	2	1.09	50	59.8	1.7	115	15	0.3	<	<	10.0	-	-	60	7.2	<	33.0	7.20	106
63I	871122	34	11	2	7	<	<	92	<	6	0.36	30	28.0	6.1	190	17	<	<	<	10.0	-	-	80	7.5	0.23	34.0	11.00	129
63I	871123	28	12	2	7	2	<	87	<	6	0.48	30	30.4	6.4	190	17	<	<	<	10.0	-	-	80	7.4	0.30	35.0	10.80	129
63I	871124	103	15	2	14	6	<	107	<	<	1.18	25	59.6	3.0	180	24	<	<	<	10.0	-	-	50	6.8	<	13.4	3.10	44
63I	871125	113	17	4	14	6	0.2	132	2.0	4	1.16	40	58.8	2.8	140	23	<	<	<	10.0	-	-	50	6.9	<	18.4	3.50	57
63I	871126	110	13	3	13	5	<	106	1.0	<	1.26	35	30.2	1.5	155	18	0.2	<	<	10.0	-	-	40	7.0	<	16.8	2.90	49
63I	871127	125	6	<	3	2	<	65	<	2	0.30	40	85.0	0.9	50	<	0.6	<	<	10.0	-	-	50	7.0	<	26.0	5.80	83
63I	871128	54	11	<	7	3	<	246	<	<	0.75	20	61.6	1.1	155	16	<	<	<	10.0	-	-	40	7.0	<	24.0	4.00	69
63I	871130	53	6	2	5	3	<	85	1.0	<	0.56	30	81.8	0.6	70	<	0.4	<	2	10.0	2	2.50	60	7.0	<	22.0	4.80	68
63I	871131	59	20	6	15	6	<	212	1.0	4	1.67	25	12.2	1.6	230	30	<	<	<	10.0	-	-	50	7.0	<	22.0	4.00	70
63I	871132	179	8	<	6	3	<	90	1.0	<	0.42	40	77.0	0.9	70	7	0.3	<	<	10.0	-	-	40	6.6	<	11.6	2.10	33
63I	871133	139	12	<	7	4	<	63	<	<	0.46	40	74.4	2.0	75	8	0.6	<	2	10.0	4	2.50	40	6.7	<	12.6	2.20	36
63I	871134	118	11	<	6	3	<	62	<	<	0.67	30	76.6	2.0	70	10	0.2	<	1	10.0	-	-	40	6.8	<	13.4	2.50	40

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871135	14	627552	6041275	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63I	871136	14	625465	6040472	AGG	02	1-5	5	00	Lw	-	GnGy	-
63I	871137	14	620692	6040936	AGG	02	.25-1	5	00	Lw	-	GnBr	-
63I	871138	14	617056	6039944	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871139	14	608507	6042061	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871140	14	601245	6043656	AGG	02	.25-1	5	00	Lw	-	GnBr	-
63I	871142	14	598962	6043829	AGG	02	.25-1	3	10	Lw	-	Br	-
63I	871143	14	598962	6043829	AGG	02	.25-1	3	20	Lw	-	Br	-
63I	871144	14	595774	6044529	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871145	14	576187	6044757	AGG	02	>5	4	00	Lw	-	GyBr	-
63I	871146	14	577947	6041981	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871147	14	576041	6041090	ADA	04	>5	4	00	Lw	-	GyBr	-
63I	871148	14	574583	6042329	AGG	02	>5	7	00	Lw	-	GyBr	-
63I	871149	14	572356	6039772	AGG	02	>5	9	00	Lw	-	GyBr	-
63I	871150	14	573455	6036420	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871151	14	576226	6035683	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871152	14	573698	6032000	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871153	14	570154	6022756	AGGX	02	>5	4	00	Lw	-	Gy	-
63I	871154	14	572570	6021406	AGG	02	>5	2	00	Lw	-	Gy	-
63I	871155	14	572294	6018096	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	871156	14	578542	6017035	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871157	14	577470	6014801	AGG	02	1-5	3	00	Lw	-	GyBk	-
63I	871158	14	576533	6010197	AGG	02	.25-1	9	00	Lw	-	TnGy	-
63I	871160	14	573063	6007572	AGG	02	.25-1	1	00	Lw	-	TnGy	-
63I	871162	14	577514	6005162	AGG	02	.25-1	2	10	Lw	-	GyBr	-
63I	871163	14	577514	6005162	AGG	02	.25-1	2	20	Lw	-	GyBr	-
63I	871164	14	579840	6008664	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871165	14	582517	6009938	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871166	14	589439	6004610	AGG	02	>5	7	00	Lw	-	GyBk	-
63I	871168	14	589350	6000958	AGG	02	>5	2	00	Lw	-	Gy	-
63I	871169	14	582223	5994315	AGG	02	>5	4	00	Lw	-	Gy	-
63I	871170	14	592785	5988441	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871171	14	591373	5987000	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871172	14	588632	5984440	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871173	14	586120	5986103	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871174	14	580918	5985029	AGG	02	>5	4	00	Lw	-	Gy	-
63I	871175	14	582853	5987860	AGG	02	>5	1	00	Lw	-	Gy	-
63I	871176	14	578781	5988870	AGG	02	>5	3	00	Lw	-	Gn	-
63I	871177	14	577669	5986686	AGG	02	>5	2	00	Lw	-	Gy	-
63I	871178	14	574192	5985688	AGG	02	>5	2	00	Lw	-	Gy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	871135	90	12	<	8	4	<	97	<	<	0.86	30	70.0	1.9	140	13	<	<	<	10.0	-	-	40	6.9	<	17.2	3.60	55
631	871136	110	13	<	9	5	<	95	<	2	1.17	30	66.2	3.0	180	14	0.2	<	<	10.0	-	-	40	6.8	<	16.8	3.40	53
631	871137	105	13	4	9	5	<	184	1.0	<	0.90	65	72.3	5.4	85	12	0.3	<	2	10.0	1	2.50	40	6.7	<	11.8	2.60	36
631	871138	132	16	4	14	7	<	129	<	<	1.02	60	48.8	2.2	145	17	0.4	<	<	10.0	-	-	40	6.7	<	11.2	2.40	34
631	871139	126	11	2	9	4	<	60	<	<	0.60	30	81.8	1.3	95	10	0.2	<	<	10.0	-	-	40	6.7	<	11.2	2.40	35
631	871140	115	16	3	11	5	<	90	1.0	<	1.01	50	72.6	1.9	130	18	0.2	<	<	7.50	-	-	40	6.7	<	13.6	3.20	44
631	871142	116	9	3	11	2	<	54	<	<	0.37	30	79.2	0.6	70	7	0.3	<	<	10.0	-	-	40	6.7	<	10.4	2.70	34
631	871143	156	8	<	11	3	<	53	<	<	0.28	25	80.2	0.6	60	6	0.3	<	<	5.00	-	-	40	6.8	<	11.0	2.70	34
631	871144	133	14	9	25	10	<	226	2.0	<	2.34	40	40.0	2.5	385	31	<	<	<	10.0	-	-	40	6.7	<	13.4	2.90	42
631	871145	107	27	12	47	15	<	480	6.0	<	3.79	25	9.0	3.5	490	45	<	0.3	<	10.0	<2	5.00	60	7.2	0.46	26.0	9.80	88
631	871146	109	30	7	30	9	<	141	2.0	<	1.97	65	45.8	5.8	325	27	<	0.2	<	10.0	-	-	70	6.8	0.10	20.0	7.60	69
631	871147	121	33	12	50	15	<	360	5.0	<	4.20	40	13.6	3.8	500	50	<	0.2	<	10.0	-	-	70	7.0	0.46	25.0	9.80	89
631	871148	116	32	11	49	14	<	364	4.0	<	3.88	25	10.2	3.3	540	51	<	0.2	<	10.0	-	-	80	7.1	0.47	26.0	10.40	94
631	871149	115	34	11	47	13	<	321	3.0	<	3.97	35	12.0	3.9	390	49	<	0.2	<	10.0	-	-	80	7.1	0.49	26.0	10.20	94
631	871150	136	10	4	16	7	<	150	1.0	<	1.12	55	42.0	1.6	290	22	0.2	<	<	10.0	-	-	60	6.9	<	15.6	5.00	53
631	871151	88	5	2	7	3	0.3	207	1.0	<	0.65	40	69.6	1.1	155	20	0.3	<	<	10.0	-	-	40	6.1	<	4.4	1.40	13
631	871152	149	5	<	6	3	<	103	<	<	0.41	40	81.6	0.6	70	7	0.3	<	<	10.0	-	-	40	6.4	<	6.4	2.50	24
631	871153	98	34	11	44	12	<	221	4.0	<	3.98	35	19.2	3.3	545	41	<	0.2	<	10.0	-	-	60	7.2	0.45	28.0	10.40	96
631	871154	106	22	11	31	10	<	224	2.0	<	2.97	45	29.1	3.8	525	38	<	<	<	10.0	-	-	60	7.0	0.12	21.0	7.80	72
631	871155	105	33	14	42	14	0.2	346	4.0	<	3.91	40	21.2	3.2	610	48	<	0.2	<	10.0	-	-	70	7.2	0.39	27.0	10.20	97
631	871156	77	28	13	36	12	<	338	4.0	<	3.21	30	11.0	2.7	540	41	<	<	<	10.0	-	-	80	7.2	0.39	27.0	10.00	95
631	871157	47	18	8	25	7	<	194	4.0	<	1.97	15	8.8	2.2	300	26	<	<	<	10.0	1	2.50	80	7.3	0.44	28.0	10.00	93
631	871158	17	6	4	3	<	<	215	1.0	7	0.43	15	20.8	0.7	300	18	<	<	<	10.0	-	-	120	7.1	<	32.0	7.00	105
631	871160	25	6	5	3	<	<	57	<	4	0.16	20	25.2	2.7	165	14	<	<	<	10.0	-	-	50	7.0	0.15	20.0	8.00	78
631	871162	64	9	4	9	3	<	206	3.0	3	0.85	25	33.4	0.6	300	21	<	<	2	10.0	<2	5.00	70	6.9	<	16.8	3.20	52
631	871163	84	7	4	6	2	<	189	3.0	4	0.65	20	28.2	0.5	270	11	<	<	<	10.0	-	-	60	6.9	<	16.6	3.20	53
631	871164	495	4	<	5	7	<	83	2.0	2	0.60	40	87.4	0.5	75	6	0.7	<	<	10.0	-	-	60	7.5	<	29.0	6.20	91
631	871165	128	5	<	4	3	<	106	1.0	<	0.46	40	83.2	<	90	5	0.4	<	<	10.0	-	-	60	7.0	<	25.0	5.80	83
631	871166	42	15	7	22	7	<	210	4.0	<	1.59	20	3.6	1.7	410	23	<	<	<	10.0	2	10.0	70	7.1	0.38	24.0	9.40	85
631	871168	70	24	13	29	12	<	412	4.0	<	2.78	25	5.6	2.4	610	36	<	<	<	10.0	2	10.0	80	7.0	0.36	26.0	9.40	84
631	871169	48	17	9	23	8	<	281	4.0	<	1.99	25	4.8	2.2	345	26	<	<	<	10.0	3	10.0	80	7.1	0.44	26.0	10.20	93
631	871170	127	5	2	6	4	<	162	<	<	0.46	40	75.6	0.9	95	9	0.3	<	<	10.0	-	-	50	6.2	<	4.0	1.60	14
631	871171	135	6	3	6	3	0.2	127	5.0	<	0.34	45	80.0	1.1	90	10	0.6	<	<	10.0	-	-	40	6.4	<	4.8	1.60	17
631	871172	132	6	<	7	4	<	100	4.0	<	0.29	40	75.4	1.0	85	7	0.6	<	<	10.0	-	-	40	6.1	<	4.6	1.60	12
631	871173	133	10	2	12	5	<	148	3.0	<	0.81	30	67.8	3.4	135	17	0.4	<	<	10.0	-	-	40	6.2	<	4.8	1.40	14
631	871174	54	22	10	29	8	<	412	4.0	2	2.09	20	2.8	2.1	435	41	<	<	<	10.0	2	5.00	50	6.9	0.18	19.6	7.00	65
631	871175	78	29	15	42	14	<	742	1.0	<	3.84	25	4.4	2.9	550	56	<	<	<	10.0	-	-	60	6.9	0.25	22.0	7.80	73
631	871176	43	19	10	26	8	<	345	2.0	<	2.00	20	2.4	1.5	475	35	<	<	<	10.0	<	10.0	70	7.4	0.48	27.0	10.00	91
631	871177	42	17	9	24	7	<	278	1.0	<	1.87	20	3.4	1.8	410	31	<	<	<	10.0	2	10.0	70	7.1	0.48	27.0	10.40	93
631	871178	29	14	7	20	6	<	282	<	<	1.48	20	2.2	2.0	380	29	<	<	<	10.0	1	10.0	70	7.1	0.50	28.0	10.40	92

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871179	14	572845	5987282	AGG	02	>5	2	00	Lw	-	Gy	-
63I	871180	14	570818	5985979	AGG	02	>5	2	00	Lw	-	Gy	-
63I	871182	14	569442	5984590	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871183	14	566568	5996483	AGG	02	1-5	4	10	Lw	-	GnBr	-
63I	871184	14	566568	5996483	AGG	02	1-5	4	20	Lw	-	GnBr	-
63I	871185	14	566028	6000279	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63I	871186	14	569238	6004055	AGG	02	.25-1	3	00	Lw	-	TnGy	-
63I	871187	14	565367	6006129	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871188	14	567915	6010379	AGG	02	>5	3	00	Lw	-	GyBr	-
63I	871189	14	569592	6009359	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871190	14	572594	6011187	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871191	14	570249	6016621	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871192	14	566940	6017753	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871193	14	566759	6019862	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871194	14	567322	6023141	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871195	14	568134	6025369	AGG	02	>5	2	00	Lw	-	Gy	-
63I	871197	14	566438	6027258	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871198	14	565430	6031593	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871199	14	570738	6038125	AGG	02	>5	6	00	Lw	-	Gy	-
63I	871200	14	568076	6040893	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871202	14	570921	6041800	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871203	14	569351	6042831	AGG	02	>5	6	10	Lw	-	Gy	-
63I	871204	14	569351	6042831	AGG	02	>5	6	20	Lw	-	Gy	-
63I	871205	14	567888	6044330	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871206	14	575625	6046569	ADA	04	>5	3	00	Lw	-	Gy	-
63I	871207	14	577028	6049097	AGS	02	>5	2	00	Lw	-	Gy	-
63I	871208	14	590598	6043164	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	871209	14	600474	6042243	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871211	14	601719	6040931	AGG	02	>5	5	00	Lw	-	GnBr	-
63I	871212	14	610312	6040729	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871213	14	613953	6039402	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871214	14	617935	6037714	AGG	02	1-5	4	00	Lw	-	Br	-
63I	871215	14	623872	6037205	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871216	14	626468	6038730	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871217	14	630546	6037593	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871218	14	635226	6035332	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871219	14	638072	6034624	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871220	14	643257	6034756	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871222	14	643707	6035652	AGG	02	1-5	1	10	Lw	-	Br	-
63I	871223	14	643708	6035640	AGG	02	1-5	1	20	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871179	50	22	11	30	9	<	344	1.0	2	2.08	25	2.6	2.0	475	41	<	<	<	10.0	<2	5.00	80	7.0	0.41	26.0	10.00	89
63I	871180	23	10	6	15	6	<	141	<	<	1.12	20	2.2	1.4	280	15	<	<	<	10.0	1	10.0	80	7.0	0.42	26.0	10.20	91
63I	871182	47	17	13	28	11	<	396	1.0	<	3.02	20	2.8	1.9	410	37	<	<	2	10.0	-	-	80	7.1	0.45	28.0	10.40	94
63I	871183	116	7	3	9	3	<	129	1.0	<	0.71	40	78.0	2.0	120	9	0.2	<	<	10.0	-	-	70	6.8	0.08	20.0	5.40	69
63I	871184	106	7	3	9	3	<	121	<	<	0.66	45	79.0	1.8	100	8	0.5	<	<	10.0	-	-	70	6.8	0.08	21.0	5.60	70
63I	871185	94	9	2	8	2	<	122	1.0	7	1.04	30	45.0	2.5	150	21	<	<	<	10.0	-	-	70	7.0	<	24.0	6.20	81
63I	871186	23	7	5	4	<	<	103	<	6	0.62	15	14.2	0.8	270	21	<	<	<	10.0	-	-	100	7.0	<	21.0	10.00	92
63I	871187	78	23	7	27	9	<	178	2.0	<	2.29	45	41.6	3.6	265	37	<	<	<	10.0	-	-	70	7.0	0.06	19.8	7.20	71
63I	871188	37	18	9	22	7	0.3	253	<	<	1.74	25	11.4	2.0	330	23	<	<	<	10.0	-	-	80	7.3	0.49	29.0	10.20	96
63I	871189	32	12	7	19	6	<	156	<	<	1.54	20	3.2	1.5	320	20	<	<	1	10.0	2	10.0	80	7.2	0.43	28.0	10.20	95
63I	871190	50	19	11	26	8	<	368	1.0	2	2.14	20	2.8	2.3	390	39	<	<	<	10.0	<	10.0	80	7.2	0.41	27.0	10.20	94
63I	871191	73	25	14	38	13	<	614	<	<	3.19	20	4.8	2.6	550	53	<	<	1	10.0	<2	5.00	80	7.2	0.58	30.0	10.80	101
63I	871192	77	30	15	43	13	<	442	1.0	<	3.30	25	5.4	2.4	695	56	<	<	<	10.0	<2	5.00	80	7.2	0.58	30.0	11.00	101
63I	871193	70	25	14	37	12	<	575	<	<	3.17	25	4.2	2.5	585	57	<	<	<	10.0	<	10.0	80	7.2	0.50	30.0	10.40	100
63I	871194	68	24	16	38	13	<	526	1.0	<	3.62	25	5.2	2.0	585	55	<	<	<	10.0	<	10.0	80	7.4	0.51	29.0	10.20	102
63I	871195	43	18	10	25	7	<	336	<	<	1.83	20	3.8	2.1	400	39	<	<	<	10.0	<	10.0	80	7.0	0.48	30.0	10.40	102
63I	871197	36	16	8	24	7	<	319	2.0	3	1.79	20	2.6	2.0	425	31	<	<	<	10.0	2	10.0	100	7.0	0.48	30.0	10.40	104
63I	871198	91	38	13	47	13	<	258	<	<	4.13	20	12.0	2.8	555	47	<	<	<	10.0	-	-	90	7.3	0.48	31.0	10.80	107
63I	871199	100	36	13	47	13	<	380	16.0	<	3.92	40	15.0	4.3	435	48	<	<	<	10.0	-	-	90	7.2	0.40	26.0	10.20	96
63I	871200	79	27	9	32	9	<	157	1.0	<	2.43	45	44.6	7.4	380	36	<	<	3	10.0	-	-	90	6.8	0.10	14.4	7.60	61
63I	871202	71	46	10	39	10	<	259	<	<	3.47	25	18.6	3.8	430	41	<	<	<	10.0	-	-	90	7.1	0.51	28.0	10.00	95
63I	871203	101	38	13	48	14	<	297	<	<	4.00	45	14.0	4.5	475	50	<	<	<	10.0	1	10.0	90	7.1	0.48	28.0	10.20	95
63I	871204	103	38	12	50	14	<	285	1.0	<	4.06	40	14.2	4.7	490	52	<	<	3	10.0	1	2.50	90	7.1	0.67	27.0	10.40	95
63I	871205	106	42	14	50	14	<	317	<	<	4.05	40	18.8	5.1	535	45	<	0.2	<	10.0	-	-	80	7.1	0.43	26.0	9.80	91
63I	871206	85	26	13	40	13	<	364	<	<	2.81	20	7.8	2.7	450	37	<	0.2	<	10.0	2	10.0	70	7.4	0.59	25.0	9.20	84
63I	871207	83	25	13	39	12	<	432	<	<	3.00	40	8.4	2.2	540	40	<	0.2	<	10.0	2	10.0	70	7.1	0.42	22.0	8.80	82
63I	871208	33	11	8	19	6	<	159	3.0	<	1.29	25	2.8	2.1	310	18	<	<	<	10.0	<	10.0	70	7.1	0.44	24.0	9.00	84
63I	871209	92	16	9	25	9	<	216	17.0	<	2.16	60	40.8	3.1	340	26	0.2	<	<	10.0	-	-	60	6.8	<	16.8	3.60	55
63I	871211	146	19	9	27	12	<	285	3.0	<	2.66	75	40.8	3.5	305	31	0.3	<	<	10.0	-	-	70	6.8	0.06	17.2	3.60	55
63I	871212	67	9	2	9	3	<	45	4.0	<	0.60	30	71.2	1.2	115	10	<	<	1	10.0	-	-	50	6.5	<	9.0	1.80	26
63I	871213	123	18	12	23	8	<	167	4.0	<	1.87	80	43.6	2.6	315	24	0.3	<	<	10.0	-	-	50	6.7	<	14.4	3.20	48
63I	871214	82	9	3	12	3	<	79	2.0	<	0.83	60	66.1	1.4	130	9	0.3	<	<	10.0	-	-	40	6.7	<	13.4	2.90	42
63I	871215	137	9	3	8	3	<	58	5.0	<	0.46	40	73.2	0.8	90	8	0.3	<	<	10.0	-	-	30	6.3	<	6.4	1.30	18
63I	871216	111	6	<	7	3	<	106	15.0	<	0.39	25	76.2	1.1	115	14	0.4	<	<	10.0	-	-	70	7.0	<	19.6	4.80	67
63I	871217	49	6	2	7	3	<	95	1.0	<	0.57	55	70.2	2.8	130	9	<	<	<	10.0	-	-	60	6.9	0.08	18.4	3.60	58
63I	871218	68	6	<	5	2	<	62	2.0	2	0.32	20	76.2	1.0	80	9	<	<	<	10.0	-	-	50	6.6	<	9.8	1.90	26
63I	871219	71	4	<	4	2	<	25	9.0	<	0.19	25	85.0	0.5	60	8	<	<	<	10.0	-	-	40	6.7	<	12.2	2.50	34
63I	871220	48	6	<	7	3	<	60	2.0	<	0.41	25	68.8	1.5	125	11	<	<	<	10.0	-	-	40	6.7	<	14.4	2.70	46
63I	871222	159	10	4	7	3	<	67	1.0	<	0.54	50	71.7	1.0	115	9	0.4	<	<	10.0	-	-	40	6.8	<	17.6	3.10	54
63I	871223	124	10	5	7	3	<	56	1.0	<	0.49	40	72.0	1.3	120	10	0.2	<	<	10.0	-	-	40	6.8	<	17.4	3.10	55

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871224	14	649063	6035976	AGG	02	1-5	12	00	Lw	-	GnBr	-
63I	871225	14	654076	6036990	AGG	02	1-5	1	00	Lw	-	GnGy	-
63I	871226	14	656946	6037179	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871227	14	661400	6037050	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871228	14	668161	6037931	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871229	14	675678	6038953	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871230	14	678896	6036539	AGG	02	1-5	1	00	Lw	-	Gy	-
63I	871231	14	680731	6036270	AGMV	02	1-5	1	00	Lw	-	Gy	-
63I	871232	14	682390	6036693	AGMV	02	1-5	2	00	Lw	-	GyBr	-
63I	871234	14	683828	6035491	AGMV	02	1-5	25	00	Lw	-	GnBr	-
63I	871235	14	686214	6037159	AGMV	02	1-5	22	00	Lw	-	GnBr	-
63I	871236	14	686205	6035620	AGG	02	.25-1	5	00	Lw	-	Br	-
63I	871237	14	687257	6034211	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871238	14	688861	6027868	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871239	14	686345	6024930	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871240	14	688362	6019622	AGG	02	1-5	4	00	Lw	-	Br	-
63I	871242	14	689907	6017535	AGG	02	1-5	1	10	Lw	-	Br	-
63I	871243	14	689907	6017535	AGG	02	1-5	1	20	Lw	-	Br	-
63I	871244	14	689506	6014479	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871245	14	690506	6008873	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871246	14	690363	6006769	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871247	14	691704	6002360	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871248	14	689364	5995247	AGG	02	1-5	5	00	Lw	-	GnBr	-
63I	871249	14	692429	5989788	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871250	14	689916	5988528	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871251	14	690354	5990155	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871253	14	686793	5996933	AGG	02	1-5	4	00	Lw	-	GnGy	-
63I	871254	14	689134	5998205	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871255	14	688345	5999817	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871256	14	686604	6002448	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871257	14	686076	6009480	AGG	02	1-5	5	00	Lw	-	Br	-
63I	871258	14	685897	6013018	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871259	14	686700	6016486	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871260	14	684601	6020614	AGG	02	1-5	3	00	Lw	-	Gn	-
63I	871262	14	687216	6028578	AGG	02	1-5	4	10	Lw	-	Br	-
63I	871263	14	687216	6028578	AGG	02	1-5	4	20	Lw	-	Br	-
63I	871264	14	686184	6030395	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871266	14	683812	6033965	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871267	14	681807	6032707	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	871268	14	680163	6033703	AGMV	02	.25-1	1	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	871224	91	19	6	9	5	<	99	1.0	<	0.98	40	68.2	2.4	180	14	<	<	<	10.0	-	-	40	7.0	<	22.0	4.40	67
631	871225	101	12	8	12	6	<	77	1.0	<	0.81	70	54.2	1.9	225	14	0.2	<	<	10.0	-	-	40	6.8	<	15.2	2.70	45
631	871226	113	11	5	7	3	<	42	4.0	<	0.32	45	77.8	1.0	90	8	<	<	<	10.0	-	-	40	6.8	<	14.4	3.00	44
631	871227	102	7	5	6	3	<	48	<	<	0.23	55	73.4	0.5	75	8	<	<	<	10.0	-	-	50	7.1	<	23.0	3.90	69
631	871228	151	8	5	8	2	0.2	86	1.0	<	0.29	50	83.0	0.8	95	7	0.2	<	<	10.0	-	-	40	6.8	<	13.6	2.20	39
631	871229	95	11	6	11	4	<	54	1.0	3	0.43	40	71.2	8.5	160	9	<	<	<	10.0	-	-	60	7.2	<	30.0	7.00	97
631	871230	56	13	12	17	8	<	142	2.0	<	1.48	30	6.0	1.9	370	26	<	<	<	10.0	2	10.0	50	7.0	0.13	21.0	5.40	70
631	871231	80	20	16	26	11	<	233	6.0	<	2.29	55	9.2	2.8	405	34	<	<	<	10.0	2	10.0	50	6.9	0.08	18.2	4.40	62
631	871232	91	17	15	24	8	<	202	2.0	<	1.93	50	23.8	2.8	440	29	<	0.3	<	10.0	-	-	50	7.1	0.06	20.0	4.40	64
631	871234	97	31	14	25	9	<	235	4.0	<	1.75	100	34.4	3.6	310	31	0.2	<	<	10.0	-	-	60	7.0	<	21.0	3.90	63
631	871235	106	40	12	34	10	<	260	3.0	<	2.17	100	35.0	3.0	290	27	0.3	<	<	10.0	-	-	50	7.0	<	21.0	4.00	63
631	871236	109	22	2	15	2	<	124	1.0	<	0.60	75	80.2	8.4	125	13	<	<	<	10.0	-	-	50	7.0	<	23.0	4.60	68
631	871237	134	18	4	14	2	<	49	<	<	0.57	45	73.6	1.6	95	10	0.3	<	<	10.0	-	-	30	6.6	<	10.8	1.40	32
631	871238	187	13	3	12	4	<	112	1.0	<	0.64	80	68.4	1.9	115	8	0.4	<	<	10.0	-	-	30	6.7	<	16.4	2.50	46
631	871239	162	11	3	11	5	<	83	<	<	0.70	60	70.0	1.7	85	10	0.5	<	<	10.0	-	-	30	6.3	<	5.0	0.90	13
631	871240	194	21	6	14	11	<	231	1.0	<	1.46	150	61.0	9.8	110	13	0.5	<	<	10.0	-	-	30	6.7	<	12.8	2.20	36
631	871242	123	14	4	10	5	<	68	<	<	0.78	45	66.4	2.2	100	10	0.5	<	<	10.0	-	-	50	6.7	<	12.4	2.10	34
631	871243	146	15	3	10	5	<	74	<	<	0.78	45	66.8	2.2	105	12	0.5	<	<	10.0	-	-	40	6.7	<	12.2	2.10	34
631	871244	136	13	3	11	4	<	70	1.0	<	0.79	55	64.4	2.9	110	13	0.6	<	<	10.0	-	-	40	6.8	<	16.6	2.90	44
631	871245	<	<	<	<	<	<	<	<	2	0.07	60	75.8	17.4	85	11	<	<	<	5.00	-	-	60	6.8	0.30	18.2	3.30	50
631	871246	101	24	4	13	3	<	59	<	2	0.56	90	75.8	32.5	75	10	0.4	<	<	10.0	-	-	60	7.0	0.42	23.0	5.00	63
631	871247	128	14	4	7	3	<	115	<	<	0.94	55	77.2	5.0	60	10	0.3	<	<	10.0	-	-	40	6.7	0.17	13.2	2.40	37
631	871248	159	20	4	13	6	<	95	<	<	0.96	90	61.2	3.5	80	10	0.5	<	<	10.0	-	-	40	6.5	<	6.8	1.30	18
631	871249	141	13	4	13	6	<	79	<	<	0.75	50	54.4	2.5	90	10	0.4	<	<	10.0	-	-	40	6.6	<	10.4	2.30	27
631	871250	125	15	4	13	4	<	66	<	<	0.79	40	52.9	4.1	125	11	0.4	<	<	10.0	-	-	40	6.6	<	10.2	2.20	28
631	871251	128	13	4	11	4	<	62	<	<	0.62	35	57.8	3.3	110	10	0.4	<	<	10.0	-	-	40	6.5	<	8.4	1.90	23
631	871253	44	16	9	18	7	<	298	1.0	<	1.49	20	2.8	2.0	310	30	<	<	<	10.0	<	10.0	50	6.8	<	14.2	2.50	43
631	871254	108	16	2	10	4	<	48	<	4	0.78	50	52.4	26.5	80	16	0.2	<	<	10.0	-	-	50	6.8	0.51	23.0	4.00	74
631	871255	127	14	3	8	4	<	55	<	<	0.57	25	82.6	4.5	70	13	0.3	<	<	7.50	-	-	40	6.5	<	8.6	1.40	25
631	871256	128	14	5	12	3	<	47	<	<	0.39	60	64.0	3.3	75	8	0.5	<	<	10.0	-	-	40	6.5	<	11.6	2.20	35
631	871257	146	28	10	18	6	<	148	1.0	2	1.23	120	57.0	44.7	195	17	0.5	<	<	10.0	-	-	40	6.8	0.52	21.0	3.50	62
631	871258	153	11	6	9	4	0.2	108	<	<	0.75	70	66.1	8.4	100	9	0.6	<	<	10.0	-	-	40	6.8	0.09	18.4	3.00	52
631	871259	263	15	4	9	5	0.2	157	<	3	1.14	75	79.6	9.6	60	12	0.6	<	<	10.0	-	-	40	6.9	<	19.4	3.20	63
631	871260	120	14	5	16	5	<	105	<	<	1.23	65	56.8	6.1	145	16	0.3	<	<	10.0	-	-	30	6.7	0.06	13.8	2.30	37
631	871262	145	18	2	11	4	<	64	<	<	0.94	100	70.2	2.0	85	9	0.4	<	<	10.0	-	-	30	6.7	<	16.6	2.70	46
631	871263	152	19	3	9	4	<	76	<	<	0.95	80	69.8	2.2	75	10	0.3	<	<	5.00	-	-	30	6.7	<	16.4	2.50	46
631	871264	128	14	2	8	3	<	55	<	2	0.46	40	71.6	2.4	55	8	0.4	<	<	10.0	-	-	30	6.6	<	13.8	2.30	35
631	871266	113	12	5	15	4	<	89	<	<	0.94	65	50.8	5.0	100	10	0.3	<	<	10.0	-	-	40	6.7	<	13.6	2.50	36
631	871267	156	11	2	8	2	<	63	<	<	0.38	90	70.4	3.4	55	9	0.3	<	<	5.00	-	-	20	6.5	<	8.8	1.60	21
631	871268	120	23	7	16	6	<	129	<	6	1.42	45	61.8	4.6	170	18	0.2	<	1	10.0	-	-	30	6.8	0.06	21.0	5.00	70

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
63I	871269	14	679051	6033260	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	871270	14	677335	6033420	AGMV	02	.25-1	6	00	Lw	-	GnBr	-
63I	871271	14	670063	6034951	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871272	14	665725	6035778	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871273	14	660185	6035027	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871274	14	649928	6033472	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871275	14	644832	6033903	AGG	02	1-5	5	00	Lw	-	GnBr	-
63I	871276	14	633538	6032792	AGMV	02	.25-1	1	00	Lw	-	Br	-
63I	871277	14	631889	6033596	AGMV	02	.25-1	1	00	Lw	-	Br	-
63I	871278	14	624612	6034943	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871279	14	620453	6035911	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871280	14	612449	6036889	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871282	14	611192	6036427	AGG	02	1-5	15	10	Lw	-	GnBr	-
63I	871283	14	611192	6036427	AGG	02	1-5	15	20	Lw	-	GnBr	-
63I	871284	14	603136	6038305	AGG	02	1-5	5	00	Lw	-	GnBr	-
63I	871285	14	598696	6039140	AGG	02	1-5	1	00	Lw	-	Gn	-
63I	871286	14	592580	6040969	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	871287	14	579050	6047736	AGS	02	>5	1	00	Lw	-	Gy	-
63I	871288	14	585276	6044107	AGS	02	>5	2	00	Lw	-	Gy	-
63I	871289	14	586707	6043057	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	871290	14	591092	6040122	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	871291	14	593588	6038840	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	871292	14	606864	6036720	AGG	02	>5	4	00	Lw	-	GnBr	-
63I	871293	14	613506	6034196	AGMV	02	>5	3	00	Lw	-	GnBr	-
63I	871294	14	620820	6032578	AGMV	02	1-5	1	00	Lw	-	Br	-
63I	871295	14	627775	6033531	AGG	02	1-5	2	00	Lw	-	GnBr	-
63I	871297	14	629519	6032724	AGMV	02	1-5	3	00	Lw	-	GnBr	-
63I	871298	14	631818	6032303	AGMV	02	1-5	1	00	Lw	-	Br	-
63I	871299	14	637349	6031516	AGMV	02	1-5	1	00	Lw	-	Br	-
63I	871300	14	641056	6031888	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871302	14	644080	6032198	AGG	02	.25-1	1	10	Lw	-	GyBr	-
63I	871303	14	644080	6032198	AGG	02	.25-1	1	20	Lw	-	GyBr	-
63I	871304	14	645778	6031586	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871305	14	646803	6031968	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871306	14	651267	6032043	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871307	14	653776	6033081	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871308	14	654876	6032335	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871309	14	657507	6032761	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871311	14	665017	6032931	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871312	14	667224	6034032	AGG	02	.25-1	1	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	871269	141	20	5	20	8	<	229	1.0	<	1.63	60	48.4	5.6	245	20	0.3	<	<	10.0	-	-	30	6.9	<	21.0	3.60	61
631	871270	102	23	8	18	5	0.3	133	<	9	1.54	75	58.8	5.9	200	19	0.2	<	2	10.0	-	-	40	7.1	0.08	30.0	6.60	98
631	871271	144	13	3	11	2	<	80	<	5	0.66	55	83.0	0.9	65	8	0.6	<	<	10.0	-	-	40	7.1	<	31.0	6.00	97
631	871272	139	11	4	7	3	<	69	<	2	0.40	45	78.8	1.1	65	8	0.5	<	<	10.0	-	-	50	6.8	<	18.8	3.20	56
631	871273	179	10	6	9	3	<	68	1.0	<	1.17	65	69.0	1.7	75	10	0.8	<	<	10.0	-	-	50	6.9	<	21.0	3.20	60
631	871274	146	17	6	13	6	<	191	1.0	<	1.06	90	49.2	1.5	105	12	0.5	<	<	10.0	-	-	40	6.7	<	10.4	1.90	29
631	871275	105	28	17	29	11	<	345	1.0	<	3.27	65	24.3	3.0	420	38	0.2	<	<	10.0	-	-	50	6.9	<	24.0	5.00	73
631	871276	124	28	7	27	7	0.2	107	5.0	<	1.63	25	50.8	2.3	235	21	0.3	<	1	10.0	-	-	50	6.8	<	18.4	3.40	53
631	871277	121	37	3	14	5	<	61	<	<	0.50	25	73.6	0.5	85	10	0.4	<	<	10.0	-	-	40	6.8	<	13.2	3.50	52
631	871278	134	20	5	18	5	0.2	152	<	<	1.00	60	49.6	3.2	200	16	0.3	<	<	10.0	-	-	60	6.8	<	21.0	3.80	59
631	871279	196	20	5	11	4	<	92	1.0	2	0.95	45	70.4	2.3	105	13	0.7	<	<	10.0	-	-	70	6.9	<	24.0	4.40	65
631	871280	122	22	11	24	7	<	218	1.0	<	1.11	50	40.4	2.7	330	29	<	<	<	10.0	-	-	60	6.8	<	19.0	4.60	55
631	871282	107	24	18	21	7	<	217	2.0	<	1.74	100	36.6	2.4	320	35	0.4	<	<	10.0	-	-	60	6.7	<	21.0	5.00	57
631	871283	121	22	20	21	7	<	216	2.0	<	1.72	105	37.0	2.2	340	31	0.4	<	<	10.0	-	-	60	6.7	<	22.0	5.00	58
631	871284	124	23	8	21	7	<	84	1.0	3	1.59	65	51.1	6.5	245	27	<	<	<	10.0	-	-	70	7.0	<	35.0	7.80	91
631	871285	109	22	10	22	7	<	222	1.0	<	1.78	40	33.4	2.6	310	26	<	<	<	10.0	-	-	60	6.7	<	21.0	5.00	54
631	871286	78	26	12	32	11	<	290	3.0	<	2.83	40	6.4	2.4	470	33	<	<	<	10.0	2	10.0	90	6.9	0.34	24.0	8.60	84
631	871287	92	28	15	38	13	<	344	3.0	<	3.45	30	6.8	2.2	455	44	<	<	<	10.0	3	10.0	90	7.1	0.37	25.0	8.60	85
631	871288	84	24	16	33	12	<	396	3.0	<	3.35	40	7.6	2.3	450	40	<	<	<	10.0	2	10.0	90	7.1	0.37	25.0	8.80	88
631	871289	44	14	11	20	8	<	238	2.0	<	1.78	25	3.6	1.8	280	24	<	<	<	10.0	1	10.0	90	7.1	0.36	26.0	8.60	88
631	871290	27	8	6	13	5	<	145	2.0	<	1.27	20	2.2	1.4	225	15	<	<	<	10.0	<	10.0	90	7.1	0.39	25.0	8.80	87
631	871291	89	28	13	37	13	<	308	3.0	<	3.14	25	6.2	2.2	440	42	<	<	<	10.0	<	10.0	90	7.1	0.39	25.0	8.60	87
631	871292	130	21	8	19	7	0.4	168	<	<	1.10	55	46.9	2.8	255	20	0.3	<	<	10.0	-	-	70	6.9	<	19.6	4.00	61
631	871293	100	24	5	18	6	<	161	<	<	1.18	45	53.8	2.3	180	18	0.2	<	<	10.0	-	-	70	6.9	<	22.0	4.40	70
631	871294	129	14	2	9	3	<	46	<	3	0.15	50	75.2	1.5	100	6	0.3	<	<	10.0	-	-	60	6.9	<	20.0	3.80	59
631	871295	129	24	10	22	7	<	194	1.0	<	1.52	80	40.0	3.2	245	25	0.3	<	<	10.0	-	-	60	6.8	<	16.2	3.50	44
631	871297	145	22	11	24	9	<	178	1.0	<	2.20	40	38.0	3.4	325	37	0.2	<	<	10.0	-	-	80	6.9	<	20.0	3.90	60
631	871298	123	30	2	14	5	<	68	<	3	0.69	40	69.0	1.2	115	13	0.3	<	<	10.0	-	-	60	6.9	<	18.4	3.30	54
631	871299	125	18	2	12	4	<	64	<	<	0.30	25	76.0	0.6	95	10	0.3	<	<	10.0	-	-	60	6.8	<	17.4	3.60	54
631	871300	165	12	5	13	5	<	75	<	<	0.42	30	68.2	1.2	170	10	0.5	<	<	10.0	-	-	60	6.9	<	16.0	2.70	48
631	871302	126	34	13	34	12	<	89	3.0	<	2.49	30	34.0	2.8	355	44	<	<	<	10.0	-	-	50	6.6	<	13.2	3.20	41
631	871303	115	42	14	45	15	0.2	165	4.0	<	3.37	35	21.2	3.2	515	53	<	<	<	10.0	-	-	50	6.7	<	13.0	3.20	40
631	871304	119	20	4	17	5	<	119	<	2	0.86	45	64.4	2.2	180	15	0.4	<	<	10.0	-	-	50	6.7	<	14.4	3.20	43
631	871305	122	18	2	12	3	<	19	<	17	0.26	45	80.4	1.5	80	9	0.4	<	<	10.0	-	-	60	6.8	<	20.0	4.00	57
631	871306	127	20	2	9	3	0.2	57	<	4	0.35	40	75.6	2.0	70	11	0.6	<	<	10.0	-	-	50	6.6	<	12.2	2.20	34
631	871307	146	16	2	7	4	<	96	<	3	0.40	40	77.4	1.1	100	10	0.6	<	<	10.0	-	-	40	6.6	<	12.8	2.40	37
631	871308	151	10	2	6	3	<	82	<	<	0.35	40	70.0	0.6	85	9	0.6	<	<	10.0	-	-	40	6.4	<	9.6	1.80	24
631	871309	171	7	3	3	2	0.3	80	<	<	0.37	40	79.2	0.5	60	8	0.6	<	<	10.0	-	-	50	6.7	<	15.0	2.50	42
631	871311	155	12	5	11	4	<	73	1.0	2	0.61	45	64.0	1.3	120	13	0.5	<	<	10.0	-	-	60	6.8	<	16.6	2.60	47
631	871312	139	7	3	5	2	<	52	1.0	4	0.23	25	90.0	0.5	50	7	0.4	<	<	10.0	-	-	60	7.0	<	23.0	4.00	69

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
63I	871313	14	669945	6031666	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871314	14	673623	6030378	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	871315	14	676478	6029735	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	871316	14	678350	6028043	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871317	14	680423	6030193	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871318	14	681843	6031311	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871319	14	681679	6026740	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871320	14	681556	6022985	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871322	14	682442	6019998	AGG	02	1-5	5	10	Lw	-	GnBr	-
63I	871323	14	682442	6019998	AGG	02	1-5	5	20	Lw	-	GnBr	-
63I	871324	14	677796	6022521	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871325	14	674816	6023980	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871326	14	675245	6027272	AGG	02	.25-1	17	00	Lw	-	GnBr	-
63I	871327	14	671221	6026574	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871328	14	671654	6028011	AGG	02	>5	1	00	Lw	-	Gy	-
63I	871329	14	670754	6029585	AGG	02	>5	3	00	Lw	-	Gy	-
63I	871330	14	669621	6030502	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	871331	14	668148	6028575	AGG	02	>5	1	00	Lw	-	Gy	-
63I	871333	14	666759	6030847	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871334	14	664921	6028853	AGG	02	>5	1	00	Lw	-	Gy	-
63I	871335	14	662594	6031058	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871336	14	661748	6030500	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871337	14	658061	6029226	AGMV	02	>5	1	00	Lw	-	Br	-
63I	871338	14	655859	6029003	AGMV	02	>5	1	00	Lw	-	Br	-
63I	871339	14	653000	6029100	AGMV	02	>5	1	00	Lw	-	Br	-
63I	871340	14	650459	6029726	AGMV	02	>5	1	00	Lw	-	Br	-
63I	871342	14	637170	6029055	AGMV	02	.25-1	1	10	Lw	-	Br	-
63I	871343	14	637170	6029055	AGMV	02	.25-1	1	20	Lw	-	Br	-
63I	871345	14	632643	6031024	AGMV	02	.25-1	1	00	Lw	-	Br	-
63I	871346	14	630999	6030977	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	871347	14	627726	6032016	AGMV	02	1-5	1	00	Lw	-	GnGy	-
63I	871348	14	612828	6032393	AGS	02	>5	10	00	Lw	-	GnBr	-
63I	871349	14	610325	6033560	AGS	02	>5	10	00	Lw	-	GnBr	-
63I	871350	14	607744	6033880	AGS	02	>5	2	00	Lw	-	TnGy	-
63I	871351	14	590185	6038767	AGMV	02	>5	9	00	Lw	-	Gy	-
63I	871352	14	595548	6033943	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871353	14	610497	6031941	AGFV	02	1-5	3	00	Lw	-	GyBr	-
63I	871354	14	613922	6029886	AGFV	02	.25-1	1	00	Lw	-	GyBr	-
63I	871355	14	616152	6031057	AGS	02	1-5	3	00	Lw	-	GyBr	-
63I	871356	14	623982	6028687	AGG	02	.25-1	3	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																		Water								
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871313	146	11	4	10	3	<	60	2.0	<	0.54	40	67.6	0.8	145	13	0.5	<	<	10.0	-	-	60	7.0	<	23.0	4.00	73
63I	871314	100	29	14	39	14	<	428	3.0	<	2.70	20	5.4	1.9	445	57	<	<	<	10.0	3	7.50	60	7.0	0.14	20.0	4.20	68
63I	871315	110	18	6	23	7	<	173	1.0	<	2.36	45	45.6	4.8	275	29	<	<	<	10.0	-	-	50	6.9	<	18.6	3.20	52
63I	871316	135	19	<	9	3	<	42	<	2	0.64	30	76.0	2.8	70	10	0.4	<	<	10.0	-	-	50	6.6	<	9.6	1.80	25
63I	871317	127	16	2	10	2	<	54	<	3	0.54	45	79.8	4.0	45	10	0.3	<	<	10.0	-	-	50	6.9	<	17.4	2.90	50
63I	871318	115	17	2	10	3	<	52	<	2	0.41	50	71.6	3.3	55	10	0.4	<	<	10.0	-	-	40	6.7	<	11.8	2.00	32
63I	871319	133	13	3	8	4	<	64	<	2	0.56	45	71.0	3.8	55	11	0.5	<	<	10.0	-	-	40	6.6	<	10.0	1.80	28
63I	871320	167	10	2	7	3	<	72	<	<	0.54	50	73.8	1.7	40	10	0.4	<	<4	2.50	-	-	40	6.8	<	15.8	2.40	45
63I	871322	130	16	11	16	7	<	263	1.0	<	0.78	80	33.0	6.3	290	28	0.3	<	<	10.0	-	-	60	6.6	0.09	13.4	2.20	35
63I	871323	125	17	8	17	7	<	227	1.0	<	0.10	70	33.8	5.1	270	26	0.3	<	<	10.0	-	-	50	6.7	0.09	13.4	2.20	35
63I	871324	126	12	3	7	4	<	91	<	<	0.55	35	78.0	4.6	90	12	0.5	<	<	10.0	-	-	40	6.3	<	5.8	0.80	14
63I	871325	132	14	<	7	3	<	58	<	<	0.24	40	77.6	1.9	75	10	0.5	<	<	10.0	-	-	40	6.6	<	9.6	1.70	24
63I	871326	166	35	6	11	6	<	351	1.0	<	0.76	180	59.8	8.0	110	20	0.7	<	3	10.0	-	-	40	6.7	0.06	12.4	3.40	33
63I	871327	125	10	<	5	2	<	42	<	2	0.20	40	81.0	5.0	60	9	0.4	<	<	10.0	-	-	50	6.8	<	15.2	3.20	46
63I	871328	91	25	14	33	12	<	360	2.0	<	3.14	35	6.6	1.5	495	43	<	<	<	10.0	<	10.0	50	6.9	0.13	21.0	4.20	67
63I	871329	88	28	16	36	12	<	428	2.0	<	2.88	25	5.2	2.3	560	51	<	<	1	10.0	2	10.0	60	6.9	0.13	21.0	4.20	67
63I	871330	116	12	<	8	4	<	72	1.0	2	0.36	40	66.8	2.1	85	9	0.5	<	<	10.0	-	-	60	7.0	<	25.0	4.40	77
63I	871331	58	15	10	19	7	<	159	1.0	<	1.90	30	8.6	2.4	320	25	<	<	<	10.0	2	10.0	60	7.0	0.13	21.0	4.40	68
63I	871333	124	15	4	8	2	<	57	1.0	2	0.37	40	72.8	1.4	105	11	0.4	<	<	10.0	-	-	60	6.8	<	15.0	3.00	43
63I	871334	69	22	13	27	9	<	386	1.0	2	2.43	30	3.6	2.2	430	45	<	<	1	10.0	3	7.50	60	7.0	0.13	21.0	4.40	69
63I	871335	103	13	2	12	4	0.2	62	<	3	0.24	45	70.0	0.8	60	9	0.3	<	<	10.0	-	-	50	6.7	<	12.6	2.20	33
63I	871336	122	20	<	16	5	<	66	<	2	0.39	40	71.6	0.9	60	10	0.4	<	<	10.0	-	-	40	6.5	<	7.4	1.60	19
63I	871337	98	18	9	21	7	0.2	157	1.0	<	1.28	50	38.8	4.1	360	25	<	<	<	10.0	-	-	60	7.0	0.13	21.0	4.60	68
63I	871338	67	19	11	23	7	<	171	1.0	<	0.06	45	21.4	4.5	380	29	<	<	<	10.0	-	-	60	7.0	0.25	27.0	5.40	84
63I	871339	92	25	13	31	10	<	219	2.0	<	0.64	50	24.0	3.7	490	38	<	<	2	10.0	4	7.50	60	7.2	0.27	28.0	5.20	86
63I	871340	44	15	8	16	6	<	172	1.0	<	1.68	40	11.8	3.9	280	21	<	<	<	10.0	-	-	60	7.2	0.30	28.0	5.00	84
63I	871342	162	8	2	10	3	<	70	<	2	0.20	40	83.6	1.1	85	9	0.3	<	<	10.0	-	-	50	6.7	<	13.2	2.80	38
63I	871343	175	10	3	12	4	<	69	<	2	0.23	25	83.6	1.3	110	6	0.5	<	<	10.0	-	-	50	6.6	<	13.4	2.70	37
63I	871345	122	24	2	18	4	<	52	2.0	<	0.47	40	75.0	0.7	90	7	0.4	<	<	10.0	-	-	60	7.0	<	29.0	5.20	85
63I	871346	114	22	3	14	4	<	88	<	<	0.47	65	66.6	0.5	100	6	0.3	<	<	10.0	-	-	50	6.8	<	18.0	3.00	53
63I	871347	120	18	9	27	8	<	207	1.0	<	1.81	40	40.8	2.8	395	32	<	<	<	10.0	-	-	60	6.9	<	20.0	3.84	60
63I	871348	124	30	9	26	8	<	236	2.0	<	1.70	55	44.4	2.7	330	31	0.2	<	<	10.0	-	-	60	6.8	<	23.0	4.60	75
63I	871349	103	28	5	23	7	<	218	1.0	<	1.33	50	53.0	3.2	250	23	0.2	<	<	10.0	-	-	60	6.9	<	21.0	4.60	70
63I	871350	34	18	5	9	2	<	172	1.0	7	1.04	15	19.2	2.2	279	28	<	<	3	10.0	1	10.0	60	6.9	<	22.0	4.60	71
63I	871351	90	29	10	42	12	<	360	2.0	<	3.48	25	5.8	2.1	555	41	<	<	<	10.0	<	10.0	70	7.1	0.42	26.0	9.00	88
63I	871352	144	20	5	20	6	<	106	<	<	0.74	40	63.1	2.4	200	14	0.4	<	<	10.0	-	-	60	6.8	<	13.0	3.90	45
63I	871353	50	18	7	16	5	<	258	1.0	4	1.63	20	12.4	1.8	410	28	<	<	<	10.0	-	-	60	6.9	<	23.0	4.40	73
63I	871354	65	13	6	17	5	<	159	1.0	<	1.06	25	36.0	1.7	360	18	<	<	<	10.0	-	-	70	6.9	<	24.0	5.00	78
63I	871355	78	30	10	30	10	<	379	2.0	2	3.32	20	8.4	2.9	510	40	<	<	<	10.0	2	10.0	60	6.8	<	24.0	4.60	74
63I	871356	143	11	2	9	3	<	68	<	<	0.30	20	82.2	2.3	70	7	0.4	<	<	10.0	-	-	60	6.7	<	8.4	2.90	36

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
631	871357	14	625404	6027834	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871358	14	627745	6027339	AGG	02	.25-1	7	00	Lw	-	GyBr	-
631	871359	14	630313	6027610	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871360	14	632360	6028170	AGG	02	.25-1	3	00	Lw	-	GnBr	-
631	871362	14	635906	6028167	AGG	02	.25-1	4	10	Lw	-	GnBr	-
631	871363	14	635906	6028154	AGG	02	.25-1	4	20	Lw	-	GnBr	-
631	871364	14	638912	6028139	AGG	02	.25-1	4	00	Lw	-	GnBr	-
631	871365	14	645676	6026771	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871366	14	648137	6027584	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871367	14	654646	6026941	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871368	14	662124	6026671	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871369	14	669237	6026913	AGG	02	.25-1	3	00	Lw	-	GnBr	-
631	871370	14	672476	6023877	AGG	02	.25-1	5	00	Lw	-	GnBr	-
631	871372	14	676369	6020266	AGG	02	.25-1	3	00	Lw	-	GnBr	-
631	871373	14	678778	6018198	AGG	02	.25-1	1	00	Lw	-	GyBr	-
631	871374	14	682868	6016782	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871375	14	681599	6014394	AGG	02	1-5	3	00	Lw	-	GnGy	-
631	871376	14	682174	6011400	AGG	02	.25-1	3	00	Lw	-	GnBr	-
631	871377	14	681809	6008390	AGG	02	1-5	4	00	Lw	-	GyBr	-
631	871378	14	684615	6006257	AGG	02	1-5	9	00	Lw	-	GyBr	-
631	871379	14	683079	6002865	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871380	14	682385	5997935	AGG	02	1-5	2	00	Lw	-	GyBr	-
631	871382	14	684871	5994669	AGG	02	1-5	1	10	Lw	-	GnGy	-
631	871383	14	684871	5994669	AGG	02	1-5	1	20	Lw	-	GnGy	-
631	871384	14	685542	5990332	AGG	02	.25-1	2	00	Lw	-	GnGy	-
631	871385	14	685943	5987407	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871386	14	683589	5987914	AGG	02	1-5	6	00	Lw	-	GnBr	-
631	871387	14	683189	5991989	AGG	02	.25-1	3	00	Lw	-	Br	-
631	871388	14	681752	5995384	AGG	02	1-5	4	00	Lw	-	GnBr	-
631	871389	14	679547	6002698	AGG	02	.25-1	3	00	Lw	-	Br	-
631	871390	14	679578	6005490	AGG	02	1-5	5	00	Lw	-	GnBr	-
631	871391	14	678414	6007422	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871392	14	679232	6014620	AGG	02	1-5	3	00	Lw	-	GnGy	-
631	871393	14	676038	6016483	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871395	14	671565	6021009	AGG	02	.25-1	3	00	Lw	-	GnBr	-
631	871396	14	667689	6023343	AGG	02	.25-1	3	00	Lw	-	Br	-
631	871397	14	663675	6024769	AGG	02	.25-1	2	00	Lw	-	Br	-
631	871398	14	661459	6025168	AGG	02	.25-1	3	00	Lw	-	Br	-
631	871399	14	655719	6026232	AGG	02	.25-1	3	00	Lw	-	GyBr	-
631	871400	14	654899	6025802	AGG	02	.25-1	3	00	Lw	-	TnGy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871357	126	16	2	20	5	<	113	<	<	0.71	30	54.8	2.7	280	17	<	<	<	10.0	-	-	60	6.8	<	15.0	3.80	48
63I	871358	119	28	2	35	11	<	240	1.0	<	2.58	70	34.2	4.9	420	37	0.2	<	2	10.0	<	10.0	50	6.8	<	15.8	3.20	47
63I	871359	127	22	2	19	6	<	98	<	<	1.02	30	57.4	5.3	195	15	0.2	<	<	10.0	-	-	50	6.5	<	11.0	2.30	33
63I	871360	206	19	3	10	8	<	100	<	<	1.27	45	68.3	3.2	105	24	0.8	<	<	10.0	-	-	40	5.9	<	1.6	0.40	7
63I	871362	123	21	4	13	4	<	89	<	2	0.68	50	67.6	3.0	115	14	0.5	<	<	10.0	-	-	50	6.6	<	14.8	2.96	43
63I	871363	118	20	4	13	4	<	91	<	2	0.65	45	67.6	3.3	110	14	0.5	<	<	7.50	-	-	50	6.6	<	14.6	3.00	43
63I	871364	124	15	3	11	3	<	53	<	<	0.31	45	67.0	4.4	105	10	0.4	<	<	10.0	-	-	40	6.6	<	9.0	2.04	26
63I	871365	125	19	5	14	4	<	82	<	2	0.72	45	56.0	6.1	150	13	0.3	<	<	10.0	-	-	50	6.7	<	19.2	3.80	55
63I	871366	154	7	2	3	2	<	88	<	2	0.15	30	83.4	1.1	45	6	0.5	<	<	10.0	-	-	40	6.6	0.11	10.0	2.28	29
63I	871367	139	9	2	6	3	<	34	<	2	0.22	30	74.6	2.7	95	9	0.5	<	<	10.0	-	-	40	6.7	<	15.2	2.92	46
63I	871368	120	19	3	12	4	<	46	<	<	0.59	30	70.0	9.3	90	10	0.5	<	<	10.0	-	-	50	6.8	<	14.2	2.72	40
63I	871369	146	11	2	7	3	<	75	<	<	0.41	45	84.4	1.3	55	10	0.6	<	<	10.0	-	-	40	6.5	<	7.0	1.56	20
63I	871370	184	17	<	9	5	<	89	<	<	0.23	85	83.2	4.4	75	6	0.5	<	<	10.0	-	-	40	6.6	<	9.8	1.72	26
63I	871372	144	14	3	7	4	<	137	<	2	0.83	30	78.4	7.0	95	12	0.7	<	<	10.0	-	-	50	6.5	<	6.6	1.08	18
63I	871373	100	15	7	13	5	<	154	1.0	<	0.82	45	40.4	11.0	215	16	0.3	<	<	10.0	-	-	50	6.8	0.23	16.0	2.88	45
63I	871374	158	14	6	16	5	<	92	1.0	<	0.89	50	50.4	4.2	225	14	0.5	<	<	10.0	-	-	40	6.7	<	13.4	2.28	36
63I	871375	135	13	7	15	5	<	94	1.0	<	0.85	40	48.6	3.1	210	13	0.6	<	<	10.0	-	-	40	6.7	<	13.6	2.36	38
63I	871376	217	16	4	9	3	<	75	1.0	5	0.19	50	84.0	7.0	80	5	0.9	<	<	10.0	-	-	60	7.2	<	27.0	4.80	82
63I	871377	89	13	9	14	5	<	183	2.0	<	1.50	45	22.3	3.5	295	19	0.3	<	<	10.0	-	-	50	6.9	0.08	18.6	3.12	53
63I	871378	129	23	10	18	6	<	199	2.0	<	1.16	90	45.2	8.4	275	26	0.3	<	<	10.0	-	-	50	6.9	0.08	17.4	3.00	48
63I	871379	117	23	4	12	3	<	43	<	3	0.29	50	73.2	9.0	40	9	0.4	<	<	10.0	-	-	40	6.7	<	13.2	2.72	36
63I	871380	113	9	4	9	4	<	283	1.0	<	1.02	40	63.8	1.6	165	16	0.3	<	<	10.0	-	-	40	6.7	<	11.4	2.28	32
63I	871382	98	14	6	14	5	<	133	1.0	<	1.13	25	48.4	2.0	250	20	0.2	<	<	10.0	-	-	60	6.6	<	19.4	3.36	56
63I	871383	106	14	6	14	4	<	124	1.0	<	1.02	25	49.2	2.1	220	18	0.3	<	<	10.0	-	-	50	6.7	0.05	19.0	3.32	55
63I	871384	120	14	4	10	5	<	144	<	<	1.01	55	62.2	3.6	220	14	0.2	<	<	10.0	-	-	40	6.5	<	9.0	1.80	26
63I	871385	132	18	3	12	5	<	58	<	<	0.54	40	67.2	3.8	95	14	0.3	<	<	10.0	-	-	40	6.5	<	8.2	1.76	23
63I	871386	118	15	3	13	6	<	135	1.0	<	0.96	75	52.6	2.2	195	14	0.2	<	<	10.0	-	-	40	6.6	<	11.6	2.36	33
63I	871387	137	21	<	11	4	0.3	55	<	3	0.38	50	73.2	4.7	80	13	0.2	<	<	10.0	-	-	40	6.5	<	9.2	2.12	26
63I	871388	121	15	4	11	5	<	145	1.0	<	0.98	30	69.2	2.2	155	18	0.5	<	<	10.0	-	-	50	6.7	<	14.8	3.60	61
63I	871389	121	16	3	9	4	<	66	<	3	0.22	45	71.6	22.2	70	9	0.3	<	<	10.0	-	-	40	6.7	0.14	10.0	2.28	35
63I	871390	109	17	8	20	8	<	224	2.0	<	2.38	45	23.6	4.8	355	27	0.5	<	<	10.0	-	-	40	6.8	0.07	13.2	2.80	48
63I	871391	93	22	2	10	3	<	41	<	4	0.28	50	68.0	15.1	70	11	<	<	<	10.0	-	-	80	7.0	0.22	20.0	5.40	82
63I	871392	99	11	7	13	4	<	90	1.0	<	0.94	40	52.8	3.0	185	16	0.4	<	<	10.0	-	-	50	6.7	0.06	14.8	3.36	55
63I	871393	106	17	5	11	4	<	85	<	<	0.89	35	67.4	13.2	160	14	0.3	<	<	10.0	-	-	40	6.8	0.85	14.6	3.24	54
63I	871395	140	15	2	9	4	<	101	<	2	0.58	45	79.8	1.4	80	10	0.5	<	<	10.0	-	-	50	6.3	<	5.0	1.08	15
63I	871396	174	9	2	6	5	<	81	<	<	0.43	45	79.4	2.4	85	12	0.6	<	<	10.0	-	-	30	5.7	<	3.2	0.64	6
63I	871397	93	9	5	11	4	<	174	1.0	<	0.41	85	53.6	5.3	180	11	0.5	<	<	10.0	-	-	50	6.9	<	14.8	3.32	53
63I	871398	179	19	4	14	4	<	73	2.0	2	0.62	50	69.2	3.6	130	12	0.7	<	<	10.0	-	-	50	6.7	<	11.0	2.48	36
63I	871399	120	15	2	12	4	<	87	1.0	3	0.50	25	68.2	3.2	155	13	0.5	<	<	10.0	-	-	40	7.0	<	20.0	3.32	71
63I	871400	41	5	4	<	<	<	295	1.0	3	0.34	20	26.4	0.5	190	15	0.2	<	<	10.0	-	-	30	7.3	<	29.0	4.20	96

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871402	14	643053	6025861	AGG	02	.25-1	2	10	Lw	-	GyBr	-
63I	871403	14	643053	6025861	AGG	02	.25-1	2	20	Lw	-	GyBr	-
63I	871404	14	639737	6025690	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871405	14	637640	6024238	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871406	14	636765	6027251	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871407	14	635369	6026916	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871408	14	632546	6025649	AGG	02	.25-1	8	00	Lw	-	GnGy	-
63I	871409	14	623530	6027091	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871410	14	606621	6028581	AGB	02	.25-1	4	00	Lw	-	Br	-
63I	871411	14	593634	6031774	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871412	14	589005	6038130	AGG	02	>5	2	00	Lw	-	Gy	-
63I	871413	14	583865	6041191	AGMV	02	1-5	1	00	Lw	-	Gy	-
63I	871414	14	584966	6038093	AGG	02	.25-1	7	00	Lw	-	GnBr	-
63I	871416	14	595593	6027481	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871417	14	603391	6025267	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871418	14	609270	6025512	AGFV	02	1-5	1	00	Lw	-	GyBr	-
63I	871419	14	611249	6024582	AGG	02	1-5	1	00	Lw	-	GyBr	-
63I	871420	14	618521	6024799	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871422	14	620247	6025593	AGG	02	.25-1	2	10	Lw	-	GyBr	-
63I	871423	14	620247	6025593	AGG	02	.25-1	2	20	Lw	-	GyBr	-
63I	871424	14	624206	6022938	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871425	14	628274	6023218	AGG	02	.25-1	17	00	Lw	-	GnBr	-
63I	871426	14	631350	6022609	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871427	14	633752	6021869	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871428	14	644287	6022318	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871429	14	647209	6022338	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871430	14	651263	6022325	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871431	14	653524	6022640	AGG	02	.25-1	12	00	Lw	-	GnBr	-
63I	871432	14	658425	6024202	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871433	14	660542	6023456	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871434	14	663276	6023264	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871435	14	666820	6019651	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871436	14	672484	6017986	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871437	14	675947	6013746	AGG	02	1-5	3	00	Lw	-	Gy	-
63I	871438	14	675528	6010530	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871439	14	675355	6006741	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871442	14	676443	6004818	AGG	02	1-5	4	10	Lw	-	GyBr	-
63I	871443	14	676443	6004818	AGG	02	1-5	4	20	Lw	-	GyBr	-
63I	871444	14	676290	6002352	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	871445	14	678267	5998237	AGG	02	.25-1	1	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871402	124	14	7	17	5	<	133	2.0	<	0.44	70	60.0	3.9	205	15	0.5	<	<	10.0	-	-	50	6.6	<	11.6	2.96	44
63I	871403	118	12	7	13	5	<	141	1.0	<	0.67	70	59.6	3.7	210	15	0.5	<	<	10.0	-	-	50	6.7	<	11.8	2.84	44
63I	871404	125	13	3	8	3	<	71	1.0	<	0.41	30	72.0	3.4	85	10	0.6	<	<	10.0	-	-	40	6.5	<	8.4	2.72	31
63I	871405	101	18	3	11	3	<	50	<	2	0.37	45	71.4	4.7	65	10	0.5	<	<	10.0	-	-	30	6.5	<	7.8	2.00	28
63I	871406	137	10	3	10	3	<	58	1.0	2	0.31	25	74.0	0.9	80	9	0.4	<	<	10.0	-	-	40	6.7	<	11.4	2.88	44
63I	871407	109	16	2	15	5	<	92	1.0	2	0.75	40	59.2	3.6	175	13	0.3	<	<	10.0	-	-	40	6.6	<	11.2	2.84	42
63I	871408	97	26	5	17	7	<	209	1.0	<	1.11	50	56.0	5.4	125	15	0.4	<	<	10.0	-	-	40	6.8	<	13.4	3.08	51
63I	871409	86	16	3	16	4	<	132	<	2	0.72	40	71.6	6.5	130	13	0.2	<	<	10.0	-	-	40	6.6	<	10.2	2.76	38
63I	871410	144	8	2	7	2	<	87	1.0	2	0.18	30	78.4	0.6	85	6	0.4	<	<	10.0	-	-	50	6.9	<	14.2	4.40	59
63I	871411	106	14	5	16	3	<	92	<	2	0.31	35	71.6	1.4	130	10	0.4	<	<	10.0	-	-	40	6.9	<	10.4	3.92	41
63I	871412	73	24	11	32	10	<	325	3.0	<	2.79	40	6.2	1.9	321	34	<	<	<	10.0	2	10.0	80	7.1	0.38	21.0	8.60	88
63I	871413	55	19	11	26	9	<	248	6.0	<	2.16	20	4.2	2.1	448	30	<	<	2	10.0	3	10.0	80	7.2	0.41	22.0	8.60	88
63I	871414	102	19	2	20	4	<	82	1.0	2	0.26	45	74.8	1.9	109	8	0.4	<	<	10.0	-	-	60	7.0	<	14.0	6.00	63
63I	871416	102	20	10	25	7	<	154	1.0	<	1.77	35	40.2	1.6	451	25	<	<	<	10.0	-	-	70	6.8	<	13.0	4.80	55
63I	871417	101	16	4	20	5	<	157	1.0	<	1.71	45	53.0	0.7	192	15	0.2	<	<	10.0	-	-	60	6.7	<	9.0	3.68	36
63I	871418	90	14	10	21	7	<	167	1.0	<	2.00	40	25.2	2.2	392	27	<	<	<	10.0	-	-	60	7.0	<	17.8	4.80	72
63I	871419	72	14	11	19	7	<	269	2.0	<	2.16	40	20.2	2.1	375	26	0.2	<	<	10.0	-	-	40	7.0	<	17.4	4.20	65
63I	871420	102	10	5	7	3	<	94	1.0	<	0.47	25	70.6	2.4	144	10	0.3	<	<	10.0	-	-	40	6.9	<	16.2	4.40	67
63I	871422	95	11	4	11	4	<	64	<	<	0.29	25	71.4	1.6	98	5	0.4	<	2	10.0	1	5.00	70	6.7	<	16.8	5.00	69
63I	871423	91	10	4	10	3	<	66	<	2	0.32	25	71.0	1.5	109	6	0.3	<	<	10.0	2	5.00	70	6.8	<	17.0	4.80	69
63I	871424	111	18	7	20	6	<	171	1.0	<	0.97	45	45.6	7.7	297	19	0.3	<	<	10.0	-	-	50	6.6	0.09	11.2	2.88	42
63I	871425	114	21	9	15	5	<	340	2.0	<	1.19	75	55.0	7.9	165	19	0.4	<	1	10.0	-	-	50	6.6	0.08	10.2	2.40	37
63I	871426	108	16	3	11	5	<	57	<	2	0.33	30	75.8	4.4	70	8	0.6	<	<	10.0	-	-	50	6.5	<	7.0	1.68	24
63I	871427	86	15	2	12	5	<	46	<	3	0.18	35	68.8	16.2	57	6	0.4	<	<	10.0	-	-	50	6.3	0.15	5.6	1.52	17
63I	871428	116	17	4	17	4	<	105	3.0	<	0.69	45	63.4	5.8	174	11	0.5	<	<	10.0	-	-	40	6.5	<	8.2	1.88	28
63I	871429	140	6	<	6	2	<	60	1.0	<	0.16	30	75.4	1.4	68	7	0.5	<	<	10.0	-	-	40	6.4	<	6.4	1.88	19
63I	871430	102	27	<	18	4	<	52	1.0	3	0.50	45	59.6	28.3	115	11	0.5	<	<	10.0	-	-	50	6.6	0.19	11.4	2.96	43
63I	871431	129	19	5	14	6	<	162	1.0	<	0.67	95	53.6	4.8	173	12	0.4	<	<	10.0	-	-	40	6.7	<	10.2	2.20	35
63I	871432	95	23	4	12	5	<	59	1.0	2	0.44	45	72.4	6.9	97	12	0.4	<	<	10.0	-	-	60	6.7	<	12.6	3.40	48
63I	871433	103	17	4	14	3	<	49	1.0	2	0.31	45	73.2	27.7	112	9	0.4	<	<	10.0	-	-	70	7.1	0.19	23.0	5.40	83
63I	871434	173	14	3	9	4	<	62	3.0	<	0.28	45	72.4	9.6	155	7	0.7	<	<	10.0	-	-	60	6.9	<	13.6	2.48	48
63I	871435	121	18	4	16	4	<	55	1.0	<	0.36	40	64.6	4.1	100	7	0.5	<	<	10.0	-	-	50	6.7	<	10.8	2.44	36
63I	871436	143	17	2	15	5	<	77	2.0	<	0.29	40	67.0	17.9	178	8	0.7	0.2	<	10.0	-	-	40	6.8	<	11.2	2.28	37
63I	871437	93	13	6	14	5	<	86	1.0	<	0.84	25	51.6	2.4	206	14	0.3	<	<	10.0	-	-	50	6.7	<	14.2	3.16	54
63I	871438	111	13	9	16	6	<	127	1.0	<	0.88	25	54.0	4.1	339	18	0.4	<	<	10.0	-	-	50	6.8	<	14.8	3.24	56
63I	871439	107	66	6	15	5	<	101	1.0	4	0.55	45	61.2	59.3	130	14	0.5	<	<	10.0	-	-	80	7.0	1.40	27.0	4.80	80
63I	871442	114	21	11	23	9	<	226	4.0	<	2.40	40	29.0	6.2	355	28	<	<	<	10.0	4	5.00	70	6.7	0.07	15.2	2.92	48
63I	871443	56	15	9	17	7	<	170	3.0	<	1.89	20	9.8	8.7	348	22	<	<	<	10.0	<	10.0	50	6.8	0.10	15.4	2.92	48
63I	871444	106	13	10	16	6	<	291	2.0	<	1.15	45	36.6	4.1	284	14	0.2	<	<	10.0	-	-	50	6.6	<	13.4	2.60	42
63I	871445	102	11	5	7	3	0.3	61	<	<	0.39	45	74.8	2.5	85	10	0.5	<	<	10.0	-	-	50	6.5	<	8.4	1.68	25

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
63I	871446	14	680090	5994294	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871447	14	679624	5990689	AGG	02	.25-1	5	00	Lw	-	GnGy	-
63I	871448	14	676753	5991110	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	871449	14	675839	5995315	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871450	14	675030	5998591	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871451	14	673165	6002603	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871452	14	671773	6009203	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	871454	14	672424	6013235	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871455	14	669522	6014360	AGG	02	.25-1	5	00	Lw	-	GyBr	-
63I	871456	14	669531	6016630	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871457	14	664576	6019088	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871458	14	659653	6020525	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	871459	14	650365	6020194	AGB	02	>5	2	00	Lw	-	Gy	-
63I	871460	14	641996	6019612	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871462	14	638839	6020617	AGG	02	.25-1	2	10	Lw	-	GyBr	-
63I	871463	14	638839	6020617	AGG	02	.25-1	2	20	Lw	-	GyBr	-
63I	871464	14	636323	6019738	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871465	14	631474	6020345	AGG	02	.25-1	5	00	Lw	-	GnGy	-
63I	871466	14	627956	6019422	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871467	14	626135	6019934	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	871468	14	621281	6020814	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63I	871469	14	616818	6022614	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871471	14	608019	6023011	AGB	02	1-5	1	00	Lw	-	Gy	-
63I	871472	14	607156	6023729	AGB	02	1-5	1	00	Lw	-	GyBr	-
63I	871473	14	601714	6022474	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871474	14	581919	6042250	AGMV	02	1-5	1	00	Lw	-	Gy	-
63I	871475	14	588670	6026555	AGG	02	>5	1	00	Lw	-	Gy	-
63I	871476	14	597415	6025044	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	871477	14	596637	6023211	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871478	14	605048	6017993	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871479	14	618066	6019485	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871480	14	620546	6019009	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871482	14	619586	6016240	AGG	02	1-5	1	10	Lw	-	Br	-
63I	871483	14	619586	6016240	AGG	02	1-5	1	20	Lw	-	Br	-
63I	871484	14	632397	6017087	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871485	14	640271	6016771	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871486	14	645458	6017596	AGG	02	>5	8	00	Lw	-	GnGy	-
63I	871487	14	646342	6018887	AGG	02	>5	1	00	Lw	-	GnBr	-
63I	871488	14	653013	6019777	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871489	14	656450	6019514	AGG	02	1-5	3	00	Lw	-	GnGy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871446	123	25	10	31	11	<	203	2.0	2	3.38	25	28.8	2.6	360	42	<	0.2	<	10.0	-	-	60	6.6	<	11.6	1.68	37
63I	871447	103	14	3	9	3	<	62	<	2	0.68	25	72.6	5.8	90	10	0.2	0.2	<	10.0	-	-	50	6.5	<	8.8	2.12	27
63I	871448	117	13	6	14	5	<	81	1.0	<	0.86	40	56.8	3.1	100	14	0.5	<	<	10.0	-	-	50	6.5	<	9.0	1.88	26
63I	871449	94	13	5	13	4	<	81	<	<	0.83	25	59.0	3.1	75	12	0.2	<	<	10.0	-	-	50	6.6	<	11.0	2.40	34
63I	871450	123	17	3	9	4	<	70	<	4	0.51	35	74.6	7.7	75	12	0.4	<	<	10.0	-	-	40	6.6	<	10.6	2.20	57
63I	871451	126	27	4	12	4	<	53	1.0	4	0.46	40	77.0	13.0	185	10	0.5	<	<	10.0	-	-	50	6.8	0.08	24.0	4.80	74
63I	871452	120	15	7	15	6	<	88	1.0	<	1.18	35	61.2	2.5	210	16	0.3	<	<	10.0	-	-	50	6.6	<	16.2	2.92	49
63I	871454	126	7	3	4	2	<	69	<	2	0.23	25	83.2	1.4	90	7	0.4	<	2	10.0	<4	2.50	60	6.8	<	18.6	3.76	57
63I	871455	90	18	6	13	4	<	107	<	2	0.83	20	61.4	7.2	195	18	0.2	<	<	10.0	-	-	60	7.3	0.09	28.0	5.00	90
63I	871456	121	12	4	9	3	<	57	<	3	0.26	35	77.6	1.9	135	9	0.3	<	<	10.0	-	-	50	6.9	<	19.6	4.00	62
63I	871457	117	14	4	11	4	<	94	<	2	0.44	45	77.6	8.5	100	11	0.3	<	<	10.0	-	-	50	6.9	<	15.8	3.20	46
63I	871458	105	14	8	16	6	<	160	1.0	<	0.94	40	44.2	5.2	285	17	0.2	<	<	10.0	-	-	50	6.9	<	19.2	3.68	55
63I	871459	60	22	12	28	10	<	211	2.0	<	2.43	15	3.4	2.5	525	30	<	<	<	10.0	2	10.0	50	7.1	0.13	19.4	4.20	66
63I	871460	124	11	6	12	4	<	107	1.0	<	0.59	65	54.0	8.4	110	9	0.5	<	<	10.0	-	-	50	6.8	<	10.0	2.16	27
63I	871462	110	8	2	5	3	<	58	<	3	0.49	50	66.3	4.7	95	9	0.4	<	<	10.0	-	-	60	7.4	<	23.0	4.40	69
63I	871463	104	8	4	5	2	<	61	<	2	0.46	45	65.6	5.5	75	8	0.2	<	<	10.0	-	-	70	7.5	<	23.0	4.00	69
63I	871464	203	7	4	6	3	<	85	<	2	0.23	45	80.6	1.0	60	6	0.6	<	<	10.0	-	-	40	6.7	<	5.8	1.48	17
63I	871465	116	19	5	12	6	<	120	<	2	1.23	40	63.8	10.6	105	18	0.3	<	9	10.0	<4	2.50	40	6.8	<	8.8	2.04	28
63I	871466	158	15	7	14	4	<	102	1.0	<	0.48	60	65.4	3.9	100	11	0.6	<	<	10.0	-	-	50	7.2	<	16.0	3.12	47
63I	871467	149	8	4	7	2	<	55	1.0	4	0.17	40	89.4	1.0	80	7	0.4	<	<	10.0	-	-	50	7.3	<	15.4	3.64	48
63I	871468	97	16	6	17	6	0.2	147	1.0	2	1.03	25	61.8	3.7	185	10	0.2	<	<	10.0	-	-	70	7.9	0.09	26.0	7.20	94
63I	871469	146	14	11	20	7	<	178	1.0	<	1.10	45	46.0	2.0	275	19	<	<	<	10.0	-	-	60	7.4	<	17.0	4.60	59
63I	871471	33	15	11	15	6	<	231	2.0	3	1.61	20	3.2	1.5	355	31	<	<	<	10.0	2	10.0	70	7.7	<	21.0	4.20	68
63I	871472	36	13	10	14	5	<	180	1.0	2	1.53	20	8.0	1.8	290	24	<	<	<	10.0	<	10.0	60	7.6	<	18.8	4.20	64
63I	871473	108	12	4	13	3	<	128	<	<	0.54	25	64.2	3.2	165	15	0.2	<	<	10.0	-	-	70	7.0	<	8.0	3.28	30
63I	871474	39	13	8	18	7	<	167	2.0	<	1.76	20	4.0	1.8	295	21	<	0.4	<	10.0	2	10.0	90	7.9	0.43	30.0	10.00	88
63I	871475	36	12	9	18	6	<	172	3.0	<	1.68	15	2.6	1.5	260	20	<	<	<	10.0	2	10.0	90	8.0	0.43	29.0	9.60	92
63I	871476	120	28	13	33	12	<	203	2.0	<	3.26	20	29.0	2.6	380	40	<	<	<	10.0	-	-	60	7.1	<	10.2	3.40	34
63I	871477	133	12	6	14	5	<	131	1.0	<	0.77	45	57.4	1.8	165	13	0.2	<	<	10.0	-	-	50	7.0	<	5.4	3.36	32
63I	871478	73	12	6	12	3	<	124	1.0	<	0.56	50	67.0	2.0	145	9	0.2	<	1	10.0	-	-	70	8.3	<	38.0	6.60	116
63I	871479	133	8	5	6	3	<	126	<	<	0.29	40	74.4	1.5	90	10	0.5	<	<	10.0	-	-	40	7.0	<	9.0	2.48	30
63I	871480	165	6	4	5	2	<	93	<	<	0.25	40	73.8	1.0	100	9	0.5	<	<	10.0	-	-	40	7.0	<	9.0	2.52	29
63I	871482	201	6	4	4	2	<	125	<	2	0.57	35	89.4	0.6	70	7	<	<	<	10.0	-	-	40	6.7	<	12.2	3.12	43
63I	871483	185	5	6	4	2	<	132	<	<	0.34	55	87.8	0.5	70	6	<	<	<	10.0	-	-	40	6.7	<	12.6	3.24	43
63I	871484	142	17	5	15	6	<	116	<	2	1.08	35	55.4	5.5	195	19	0.3	<	<	10.0	-	-	50	7.0	0.10	25.0	4.60	75
63I	871485	144	11	7	21	8	<	132	<	<	0.98	45	49.6	3.5	265	19	<	<	<	10.0	-	-	50	7.0	<	19.0	3.92	60
63I	871486	88	22	14	30	10	<	211	<	<	2.15	30	13.2	3.1	470	41	<	<	<	10.0	-	-	50	7.2	0.12	19.6	4.20	66
63I	871487	102	26	6	30	9	<	131	<	<	1.49	40	44.4	3.7	360	29	<	<	<	10.0	-	-	50	6.9	0.13	18.6	4.40	63
63I	871488	129	14	4	10	4	<	68	<	2	0.66	35	69.4	7.6	120	14	0.5	<	<	10.0	-	-	50	7.0	<	17.8	4.00	58
63I	871489	60	17	9	19	7	<	201	<	<	1.58	25	11.0	3.3	340	34	<	<	<	10.0	-	-	40	6.6	0.15	14.6	3.04	47

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871490	14	659087	6017907	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871491	14	659829	6015296	AGG	02	1-5	1	00	Lw	-	GnGy	-
63I	871492	14	663622	6015888	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871493	14	666145	6014123	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871494	14	665273	6010799	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871495	14	668000	6011650	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871497	14	667402	6009037	AGMV	02	1-5	1	00	Lw	-	Br	-
63I	871498	14	668754	6008200	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871499	14	670609	6006895	AGMV	02	1-5	2	00	Lw	-	GnGy	-
63I	871500	14	670026	6005243	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871502	14	671162	6003665	AGG	02	1-5	1	10	Lw	-	Br	-
63I	871503	14	671162	6003665	AGG	02	1-5	1	20	Lw	-	Br	-
63I	871504	14	672951	5997579	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871505	14	673598	5994099	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871507	14	674965	5990275	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871508	14	676360	5988747	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871509	14	675672	5987166	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871510	14	678758	5986920	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871511	14	672228	5988058	AGG	02	1-5	4	00	Lw	-	GnBr	-
63I	871512	14	671523	5989355	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871513	14	671181	5995467	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871514	14	668224	5998738	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	871515	14	667372	6001840	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871516	14	667733	6004920	AGMV	02	1-5	1	00	Lw	-	Br	-
63I	871517	14	663187	6006157	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871518	14	659699	6007765	AGG	02	>5	5	00	Lw	-	GnBr	-
63I	871519	14	663664	6008638	AGG	02	>5	1	00	Lw	-	Br	-
63I	871520	14	661803	6010672	AGG	02	>5	5	00	Lw	-	GnBr	-
63I	871522	14	656553	6011447	AGG	02	>5	1	00	Lw	-	GnBr	-
63I	871524	14	657470	6014601	AGG	02	1-5	1	10	Lw	-	GnBr	-
63I	871525	14	657470	6014601	AGG	02	1-5	1	20	Lw	-	GnBr	-
63I	871526	14	654665	6014809	AGG	02	>5	18	00	Lw	-	GnGy	-
63I	871527	14	649264	6017305	AGG	02	>5	9	00	Lw	-	GnGy	-
63I	871528	14	643417	6015721	AGG	02	>5	5	00	Lw	-	GnGy	-
63I	871529	14	635214	6014408	AGG	02	>5	2	00	Lw	-	GnGy	-
63I	871530	14	631747	6012591	AGG	02	>5	7	00	Lw	-	GnGy	-
63I	871531	14	628203	6013738	AGG	02	>5	8	00	Lw	-	GnBr	-
63I	871532	14	619967	6013454	AGG	02	>5	4	00	Lw	-	GnBr	-
63I	871533	14	614784	6011663	AGG	02	.25-1	7	00	Lw	-	GnBr	-
63I	871534	14	602040	6015840	AGG	02	.25-1	1	00	Lw	-	Tn	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																				Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871490	114	16	6	14	4	<	122	<	<	1.03	40	64.2	8.4	180	18	0.4	<	<	10.0	-	-	40	6.6	<	10.8	2.20	35
63I	871491	83	21	7	7	3	<	114	<	9	0.97	30	41.8	20.2	200	27	0.5	<	<	10.0	-	-	60	7.0	0.19	24.0	5.20	74
63I	871492	139	11	5	8	2	<	87	<	<	0.51	35	76.8	1.8	85	12	0.4	<	<	5.00	-	-	50	6.7	<	16.6	3.24	54
63I	871493	134	14	4	8	3	<	69	<	2	0.45	40	77.0	4.9	85	12	0.5	<	<	10.0	-	-	60	7.0	<	20.0	4.80	69
63I	871494	155	16	4	17	5	<	91	<	2	0.83	35	65.2	4.1	200	18	0.3	<	<	10.0	-	-	50	6.8	<	17.8	3.24	55
63I	871495	132	14	8	14	8	<	309	<	<	0.94	45	53.2	7.2	235	17	0.4	<	<	10.0	-	-	40	6.9	<	17.6	3.40	55
63I	871497	126	15	10	22	9	<	241	<	<	1.46	30	45.4	4.4	345	27	<	<	<	10.0	-	-	60	6.8	<	17.8	3.40	54
63I	871498	165	13	4	9	11	<	119	<	<	0.25	40	81.4	2.7	90	8	0.5	<	<	10.0	-	-	50	6.7	<	13.2	2.20	36
63I	871499	110	12	14	14	2	<	136	1.0	<	1.22	55	61.6	1.3	165	18	0.5	<	<	10.0	-	-	50	6.7	<	15.6	2.92	48
63I	871500	134	13	6	13	2	<	91	<	<	0.61	40	75.2	4.5	125	12	0.6	<	<	10.0	-	-	50	6.7	<	14.4	2.56	41
63I	871502	128	15	5	8	4	<	68	<	2	0.76	30	72.4	3.1	105	14	0.6	<	<	10.0	-	-	50	6.7	0.13	19.0	2.80	56
63I	871503	138	15	3	8	4	<	65	<	<	0.70	30	72.2	3.8	105	14	0.6	<	<	10.0	-	-	50	6.7	0.15	18.2	2.92	56
63I	871504	130	13	<	10	2	<	55	<	2	0.24	40	73.4	1.3	80	10	0.4	<	<	10.0	-	-	40	6.6	<	13.6	2.48	35
63I	871505	125	12	2	18	7	<	202	<	<	1.33	50	50.0	2.7	195	21	0.3	<	<	10.0	-	-	50	6.7	<	13.0	2.56	41
63I	871507	137	15	3	11	4	<	55	<	<	0.45	45	71.6	2.6	85	12	0.6	<	<	10.0	-	-	50	6.4	<	7.6	1.44	19
63I	871508	121	14	5	8	3	<	87	<	<	1.11	30	75.6	2.5	110	12	0.5	<	<	10.0	-	-	50	6.5	<	9.2	1.64	27
63I	871509	79	11	5	13	8	<	154	<	<	0.55	70	61.6	3.9	105	12	0.4	<	<	10.0	-	-	50	6.6	<	8.8	1.76	25
63I	871510	105	13	6	15	6	<	62	<	<	0.55	55	52.0	4.5	80	12	0.5	<	<	10.0	-	-	40	6.4	<	6.4	1.48	16
63I	871511	127	13	11	25	11	<	266	1.0	<	1.96	60	26.2	3.2	305	29	0.2	<	<	5.00	-	-	40	6.7	<	11.2	2.12	33
63I	871512	127	13	10	8	3	<	65	1.0	<	0.85	35	71.0	2.5	105	13	0.6	<	<	10.0	-	-	50	6.7	0.08	14.6	2.48	45
63I	871513	149	15	5	11	5	<	83	<	<	0.85	35	61.0	4.7	125	14	0.6	<	<	10.0	-	-	50	6.7	<	13.6	2.68	42
63I	871514	43	14	10	19	6	<	197	1.0	<	1.50	20	4.0	2.3	345	30	<	<	<	10.0	2	5.00	40	6.7	<	14.6	2.44	42
63I	871515	143	11	5	10	4	<	59	<	<	0.50	55	71.4	2.5	110	9	0.7	<	<	10.0	-	-	40	6.5	<	9.0	1.84	26
63I	871516	114	13	6	11	4	<	99	<	2	0.64	50	74.0	5.6	135	11	0.2	<	<	10.0	-	-	50	6.9	<	20.0	4.00	65
63I	871517	84	12	8	18	7	<	209	<	<	0.77	60	60.2	5.5	210	15	0.2	<	<	10.0	-	-	50	6.7	<	15.6	3.44	48
63I	871518	81	18	13	26	9	0.2	241	<	<	1.51	30	13.0	3.0	350	34	<	<	<	10.0	-	-	50	7.1	0.10	19.0	4.20	65
63I	871519	109	17	9	24	9	<	141	<	<	0.92	40	49.8	4.8	310	21	<	<	<	10.0	-	-	50	6.8	<	17.6	3.44	54
63I	871520	82	19	11	25	9	<	177	<	<	1.78	20	14.4	2.7	310	32	<	<	<	10.0	-	-	50	7.0	0.10	20.0	4.20	66
63I	871522	66	18	11	22	7	0.2	228	<	<	1.51	25	19.6	2.5	315	29	0.2	<	<	10.0	-	-	60	6.8	0.13	20.0	4.40	67
63I	871524	95	18	7	15	6	<	165	<	2	1.03	30	53.6	7.3	220	20	<	<	<	10.0	-	-	80	7.0	0.43	34.0	5.40	101
63I	871525	103	18	8	17	6	<	172	<	<	1.17	25	55.2	7.0	245	22	0.2	<	<	10.0	-	-	90	7.1	0.38	32.0	5.60	102
63I	871526	339	6	6	10	4	0.2	130	<	<	1.72	20	3.2	1.4	250	16	<	<	<	10.0	<	10.0	60	7.0	0.13	20.0	4.40	67
63I	871527	54	17	10	21	8	<	164	<	<	1.95	25	7.0	2.0	350	26	<	<	<	10.0	2	7.50	60	7.0	0.14	20.0	4.40	66
63I	871528	14	4	5	6	2	<	57	<	<	0.50	15	2.6	1.0	170	7	<	<	<	10.0	<	10.0	60	7.0	0.13	20.0	4.40	67
63I	871529	13	3	4	4	2	<	40	<	<	0.41	15	2.0	0.7	145	6	<	<	<	10.0	<	10.0	60	6.9	0.11	20.0	4.20	66
63I	871530	15	3	5	6	2	<	61	<	<	0.87	15	1.8	1.3	175	9	<	<	<	10.0	<	10.0	60	7.0	0.11	19.2	4.00	64
63I	871531	88	18	12	26	9	<	252	<	<	1.79	45	18.2	3.1	375	35	<	<	<	10.0	-	-	50	6.9	0.11	19.6	4.20	64
63I	871532	80	13	9	15	5	<	266	1.0	<	0.81	40	42.5	3.6	230	14	<	<	<	10.0	-	-	50	6.8	0.10	18.6	4.00	60
63I	871533	191	17	6	14	5	<	121	1.0	2	0.80	35	69.6	4.1	140	12	0.2	<	<	10.0	-	-	50	6.7	<	14.6	3.28	47
63I	871534	23	6	8	<	<	<	204	<	6	0.22	<	21.4	0.8	250	21	0.4	<	<	10.0	-	-	100	7.0	<	20.0	8.20	81

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871535	14	582000	6037000	AGG	02	.25-1	3	00	LW	-	GnBr	-
63I	871536	14	580137	6038810	AGG	02	.25-1	3	00	LW	-	GyBr	-
63I	871537	14	579726	6033656	AGG	02	.25-1	5	00	LW	-	GyBr	-
63I	871538	14	592782	6014678	AGG	02	.25-1	2	00	LW	-	GyBr	-
63I	871539	14	615154	6001097	AGG	02	1-5	3	00	LW	-	GyBr	-
63I	871540	14	617948	5999535	AGG	02	.25-1	3	00	LW	-	GyBr	-
63I	871542	14	630521	5995033	AGG	02	.25-1	2	10	LW	-	GyBr	-
63I	871543	14	630521	5995033	AGG	02	.25-1	2	20	LW	-	GyBr	-
63I	871544	14	638112	5990840	AGG	02	1-5	5	00	LW	-	GyBr	-
63I	871545	14	641889	5989481	AGG	02	.25-1	4	00	LW	-	GyBr	-
63I	871546	14	646638	5986937	AGG	02	.25-1	2	00	LW	-	Br	-
63I	871548	14	647841	5987460	AGG	02	.25-1	3	00	LW	-	Br	-
63I	871549	14	643418	5986891	AGG	02	.25-1	2	00	LW	-	GyBr	-
63I	871550	14	639801	5985919	AGG	02	.25-1	4	00	LW	-	GnGy	-
63I	871551	14	634773	5990332	AGG	02	.25-1	4	00	LW	-	GnBr	-
63I	871552	14	631946	5989452	AGG	02	.25-1	2	00	LW	-	TnBr	-
63I	871553	14	620998	5990180	AGG	02	1-5	5	00	LW	-	GyBr	-
63I	871554	14	610521	5990165	AGG	02	.25-1	3	00	LW	-	Br	-
63I	871555	14	600810	5987280	AGG	02	.25-1	3	00	LW	-	Br	-
63I	871556	14	596917	5985324	AGG	02	.25-1	3	00	LW	-	Br	-
63I	871557	14	602614	5986266	AGG	02	1-5	1	00	LW	-	Br	-
63I	871558	14	607874	5985422	AGG	02	1-5	1	00	LW	-	Br	-
63I	871559	14	611276	5985368	AGG	02	1-5	1	00	LW	-	GnBr	-
63I	871560	14	614589	5985005	AGG	02	.25-1	1	00	LW	-	Br	-
63I	871562	14	616804	5985648	AGG	02	1-5	1	10	LW	-	Br	-
63I	871563	14	616804	5985648	AGG	02	1-5	1	20	LW	-	Br	-
63I	871564	14	620703	5985559	AGG	02	.25-1	1	00	LW	-	Br	-
63I	871565	14	623341	5985395	AGG	02	1-5	1	00	LW	-	GnBr	-
63I	871566	14	627447	5986541	AGG	02	1-5	1	00	LW	-	Br	-
63I	871567	14	635647	5987332	AGG	02	1-5	1	00	LW	-	Br	-
63I	871568	14	631860	5987179	AGG	02	.25-1	1	00	LW	-	Br	-
63I	871569	14	628384	5989238	AGG	02	1-5	1	00	LW	-	GnBr	-
63I	871570	14	616988	5989159	AGG	02	1-5	1	00	LW	-	Br	-
63I	871571	14	613844	5988125	AGG	02	.25-1	1	00	LW	-	Br	-
63I	871572	14	608603	5987202	AGG	02	1-5	1	00	LW	-	GnBr	-
63I	871573	14	597008	5992014	AGG	02	.25-1	2	00	LW	-	TnBr	-
63I	871574	14	600378	5992969	AGG	02	.25-1	1	00	LW	-	Tn	-
63I	871575	14	603588	5990764	AGG	02	.25-1	1	00	LW	-	Tn	-
63I	871577	14	607156	5991404	AGG	02	1-5	2	00	LW	-	Br	-
63I	871578	14	607847	5988669	AGG	02	.25-1	3	00	LW	-	GyBr	-

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Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871535	185	13	9	29	13	<	259	<	<	1.14	60	50.4	1.6	320	23	<	<	<	10.0	-	-	60	6.8	<	14.4	4.00	47
63I	871536	140	10	6	13	4	<	139	<	<	0.72	30	68.0	0.7	175	14	0.2	<	<	10.0	-	-	40	6.5	<	8.8	2.64	28
63I	871537	138	15	11	25	9	<	194	<	<	1.25	60	57.2	2.4	310	24	<	<	<	10.0	-	-	50	6.7	<	13.2	3.92	45
63I	871538	34	11	9	8	3	<	212	1.0	6	0.83	25	23.4	1.7	300	31	0.4	<	<	10.0	-	-	100	7.0	<	21.0	7.60	86
63I	871539	79	14	7	20	7	<	150	<	<	1.02	35	61.4	2.7	220	21	<	<	1	10.0	-	-	60	6.6	<	12.2	2.48	36
63I	871540	138	13	5	15	4	<	73	<	<	0.55	45	65.4	2.8	130	10	0.2	<	<	10.0	-	-	50	6.7	<	12.6	2.80	38
63I	871542	98	14	4	9	3	<	106	2.0	2	0.41	45	81.0	8.1	105	12	0.3	<	<	10.0	-	-	60	6.8	<	24.0	4.40	66
63I	871543	103	15	3	9	3	<	109	2.0	2	0.37	40	81.6	8.2	90	7	0.4	<	<	10.0	-	-	60	6.8	<	22.0	4.20	66
63I	871544	148	15	9	16	8	<	194	1.0	<	1.09	45	50.4	2.0	155	17	0.3	<	<	10.0	-	-	50	6.6	<	15.0	2.56	41
63I	871545	65	14	9	17	6	<	171	2.0	<	1.46	40	13.6	2.7	270	27	<	<	<	10.0	-	-	40	6.6	<	13.0	2.28	35
63I	871546	212	7	4	9	3	<	78	1.0	<	0.29	45	81.6	0.7	75	7	0.2	<	<	10.0	-	-	30	6.5	<	9.4	1.72	23
63I	871548	117	7	5	5	<	<	57	<	<	0.46	45	87.4	0.5	80	7	<	<	2	10.0	-	-	60	6.6	<	14.2	2.60	36
63I	871549	96	12	8	14	5	<	75	<	<	0.48	55	64.5	1.4	85	11	0.3	<	<	10.0	-	-	40	6.5	<	9.8	1.88	25
63I	871550	134	16	5	14	6	<	64	<	<	0.60	40	64.2	2.0	100	12	0.5	<	<	10.0	-	-	40	6.4	<	8.6	1.64	22
63I	871551	148	12	5	8	5	<	114	1.0	<	0.55	30	70.4	1.9	115	13	0.4	<	<	10.0	-	-	40	6.8	<	22.0	3.08	60
63I	871552	32	6	8	<	<	<	330	<	2	0.25	<	17.6	<	195	16	0.5	<	<	10.0	-	-	50	7.1	<	25.0	5.40	81
63I	871553	177	13	10	23	9	<	200	<	<	1.17	35	52.2	1.8	260	21	0.2	<	<	10.0	-	-	40	6.7	<	12.6	2.36	35
63I	871554	169	8	5	6	2	<	124	1.0	<	0.46	40	74.2	2.0	80	10	0.3	<	<	10.0	-	-	40	6.4	<	8.8	1.50	22
63I	871555	197	8	3	8	3	<	62	1.0	2	0.37	50	76.6	3.3	75	10	<	<	<	10.0	-	-	50	7.1	<	20.0	3.48	58
63I	871556	183	8	2	11	3	<	84	<	<	0.33	35	79.4	1.3	80	7	<	<	<10	10.0	-	-	40	6.6	<	9.6	2.52	24
63I	871557	201	4	2	4	3	<	151	<	<	0.39	45	82.6	0.7	70	10	<	<	<	10.0	-	-	40	6.7	<	13.8	2.36	38
63I	871558	143	8	5	8	2	<	96	<	<	0.36	45	73.6	1.2	95	9	0.4	<	2	10.0	-	-	30	6.7	<	14.6	2.92	43
63I	871559	156	10	7	11	5	<	95	<	<	0.67	55	68.4	1.5	130	12	0.3	<	<	10.0	-	-	30	6.6	<	11.8	2.44	33
63I	871560	151	10	4	8	5	0.3	116	<	<	0.43	30	70.8	1.3	100	10	0.4	<	<	10.0	-	-	30	6.7	<	12.6	2.28	36
63I	871562	160	11	5	9	6	<	113	<	<	0.30	30	70.2	2.1	105	11	0.4	<	<	10.0	-	-	50	6.2	<	7.0	1.24	17
63I	871563	163	10	6	9	6	<	117	<	<	0.31	40	70.0	2.2	95	10	0.3	<	<	10.0	-	-	30	6.2	<	6.6	1.20	17
63I	871564	131	11	5	9	4	0.3	124	<	<	0.33	45	68.8	2.0	65	8	0.4	<	<	10.0	-	-	40	6.5	<	10.6	2.28	28
63I	871565	127	15	6	9	4	<	96	<	<	0.72	25	70.6	4.3	120	17	0.4	<	<	10.0	-	-	40	6.5	<	11.2	2.28	34
63I	871566	118	15	8	25	10	<	238	<	<	1.33	40	41.5	2.8	340	28	0.2	<	<	10.0	-	-	40	6.7	<	14.8	3.12	45
63I	871567	127	14	5	9	4	<	119	<	<	0.99	25	74.6	1.7	115	11	0.4	<	<	10.0	-	-	40	6.5	<	12.4	2.24	35
63I	871568	116	13	2	9	3	<	66	<	<	0.37	30	69.6	2.8	95	10	0.4	<	<	10.0	-	-	40	6.9	<	16.0	2.60	43
63I	871569	103	13	4	15	6	<	185	<	<	0.84	30	63.4	1.8	150	14	0.2	<	<	10.0	-	-	40	6.6	<	14.6	2.84	42
63I	871570	161	11	4	6	4	<	102	<	3	0.60	40	73.8	2.4	85	9	0.4	<	<	10.0	-	-	40	6.4	<	7.6	1.48	20
63I	871571	150	6	<	7	5	<	128	<	<	0.26	40	77.8	0.5	70	9	0.5	<	<	10.0	-	-	30	6.6	<	10.2	2.36	29
63I	871572	143	12	6	11	4	<	80	<	<	0.89	40	66.4	1.6	155	12	0.3	<	<	10.0	-	-	40	6.6	<	15.6	2.52	44
63I	871573	229	8	6	9	3	<	178	2.0	<	0.54	45	74.8	1.0	95	8	0.4	0.2	<	10.0	-	-	30	6.5	<	8.0	2.00	22
63I	871574	37	7	6	3	<	<	190	<	6	0.46	15	21.0	<	270	28	0.5	<	<	10.0	-	-	100	7.4	<	41.0	6.20	123
63I	871575	21	6	6	<	<	<	180	<	6	0.42	10	17.6	<	170	30	0.5	<	<	10.0	-	-	90	7.1	<	29.0	6.40	99
63I	871577	152	12	5	10	3	<	75	<	<	0.96	30	64.6	1.2	150	14	0.6	<	<	10.0	-	-	40	6.9	<	23.0	3.24	60
63I	871578	142	12	6	10	4	<	75	<	<	0.83	35	71.2	1.3	140	12	0.4	<	<	10.0	-	-	40	6.8	<	18.6	3.08	52

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871579	14	608458	5990558	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871580	14	611321	5993671	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	871582	14	613493	5993124	AGG	02	.25-1	3	10	Lw	-	GnBr	-
63I	871583	14	613493	5993124	AGG	02	.25-1	3	20	Lw	-	GnBr	-
63I	871584	14	621788	5992331	AGG	02	1-5	4	00	Lw	-	GnBr	-
63I	871585	14	623250	5991441	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871586	14	626845	5994103	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	871587	14	624066	5994877	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871589	14	624644	5996492	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871590	14	621412	5996598	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	871591	14	617059	5995276	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871592	14	617109	5997191	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871593	14	614285	5997709	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871594	14	611939	6001102	AGG	02	.25-1	4	00	Lw	-	GnBr	-
63I	871595	14	609559	6002053	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871596	14	609981	5997756	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	871597	14	608099	5998233	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871598	14	605480	5993428	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871599	14	601862	5995678	AGG	02	.25-1	1	00	Lw	-	Tn	-
63I	871600	14	598710	6000510	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	871602	14	590665	6013969	AGG	02	.25-1	1	10	Lw	-	Tn	-
63I	871603	14	590665	6013969	AGG	02	.25-1	1	20	Lw	-	Tn	-
63I	871604	14	582741	6025106	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871606	14	578525	6029421	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871607	14	579018	6032259	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	871608	14	582830	6029922	AGG	02	.25-1	5	00	Lw	-	GnBr	-
63I	871609	14	594575	6016695	AGMV	02	>5	5	00	Lw	-	Gy	-
63I	871610	14	599132	6012280	AGG	02	.25-1	2	00	Lw	-	TnGy	-
63I	871611	14	615235	6006694	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871612	14	617547	6004513	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871613	14	621052	6003256	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871614	14	628783	5999349	AGG	02	1-5	3	00	Lw	-	Br	-
63I	871615	14	636439	5997911	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871616	14	639393	5996172	AGG	02	1-5	3	00	Lw	-	GnGy	-
63I	871617	14	641980	5994842	AGG	02	.25-1	2	00	Lw	-	TnGy	-
63I	871618	14	646633	5992752	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	871619	14	653034	5992975	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871620	14	655092	5990224	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	871622	14	657364	5987813	AGG	02	.25-1	3	10	Lw	-	GyBr	-
63I	871623	14	657364	5987813	AGG	02	.25-1	3	20	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																				Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	871579	131	7	2	4	2	<	144	<	<	0.42	35	78.6	1.5	90	9	0.3	<	<	10.0	-	-	40	6.7	<	13.0	2.52	38
631	871580	158	14	6	9	4	<	70	2.0	<	0.78	40	62.6	2.8	130	13	0.7	<	<	10.0	-	-	40	6.7	<	16.6	2.64	45
631	871582	159	11	3	8	4	<	177	<	<	0.45	35	76.2	1.4	95	11	0.4	<	<	10.0	-	-	40	6.4	<	10.4	1.92	28
631	871583	158	10	3	5	3	<	182	<	<	0.53	40	77.0	1.3	75	12	<	0.2	<	10.0	-	-	30	6.4	<	10.2	1.88	28
631	871584	169	11	8	14	6	<	163	<	<	0.80	60	61.6	2.1	155	13	0.2	0.2	<	10.0	-	-	40	6.6	<	13.0	2.52	37
631	871585	177	9	3	8	3	<	105	<	<	0.60	40	73.0	1.5	110	9	<	0.2	<	10.0	-	-	40	6.5	<	11.0	2.12	31
631	871586	152	17	8	28	11	<	286	1.0	<	1.26	50	46.0	3.3	320	25	<	<	<	10.0	-	-	40	6.7	<	15.0	3.08	45
631	871587	137	21	9	26	10	<	342	<	<	1.51	40	51.6	3.7	310	29	<	<	<	10.0	-	-	40	6.7	<	18.4	3.08	54
631	871589	133	12	6	17	6	<	196	<	<	0.58	45	67.2	3.5	205	15	<	<	<	10.0	-	-	60	6.6	<	14.6	2.72	40
631	871590	144	11	5	12	7	<	158	<	<	0.57	55	66.0	28.2	170	14	<	<	<	10.0	-	-	60	6.6	<	15.4	2.68	42
631	871591	140	15	8	18	10	<	164	2.0	<	1.40	40	41.4	3.0	340	29	<	<	<	10.0	-	-	50	6.6	<	12.0	2.32	32
631	871592	119	13	3	9	3	<	90	<	<	0.59	40	75.8	2.5	75	9	<	<	<	10.0	-	-	50	6.4	<	9.2	2.04	26
631	871593	217	7	<	5	2	<	90	1.0	2	0.41	45	86.2	1.0	70	6	<	<	<	10.0	-	-	60	6.9	<	18.6	3.48	55
631	871594	135	14	4	15	7	<	149	<	<	0.86	55	63.4	4.5	150	14	<	<	<	10.0	-	-	50	6.6	0.08	11.6	2.48	33
631	871595	156	14	3	16	5	<	90	<	<	0.81	50	62.6	2.6	160	10	<	<	<	10.0	-	-	50	6.7	<	12.2	3.08	35
631	871596	116	9	4	8	3	<	161	<	<	0.97	30	77.8	2.2	125	13	<	<	<	10.0	-	-	60	6.6	<	19.4	3.04	54
631	871597	154	9	<	8	4	<	113	<	<	0.64	35	71.6	2.7	90	10	<	<	1	10.0	-	-	50	6.5	<	11.6	2.24	30
631	871598	88	8	5	3	2	<	156	<	6	0.70	35	42.8	0.5	150	25	<	<	<	10.0	-	-	50	6.9	<	26.0	4.00	77
631	871599	39	6	6	<	<	<	241	<	8	0.52	15	22.2	2.0	215	26	0.3	<	<	10.0	-	-	110	7.2	0.17	33.0	8.40	108
631	871600	136	3	<	<	<	<	64	<	2	0.20	30	90.2	0.5	70	6	<	<	<	7.50	-	-	70	7.2	<	19.8	5.40	62
631	871602	15	7	6	<	<	<	265	1.0	7	0.33	<	13.4	2.7	225	34	0.2	<	<	10.0	<4	2.50	100	7.1	0.21	37.0	8.20	116
631	871603	18	7	7	<	<	<	240	1.0	8	0.29	<	13.0	2.5	215	35	0.2	<	<	10.0	2	2.50	100	7.2	0.21	37.0	8.40	117
631	871604	160	9	5	10	3	<	68	<	<	0.54	30	68.8	2.3	150	10	0.2	<	<	10.0	-	-	80	6.9	<	21.0	5.00	70
631	871606	141	4	2	2	<	<	109	<	<	0.24	40	86.6	<	75	8	<	<	<	10.0	-	-	80	6.8	<	16.0	4.40	50
631	871607	132	15	8	24	9	<	173	<	<	1.09	45	59.6	3.2	250	24	<	<	<	10.0	-	-	70	6.7	<	14.0	4.00	45
631	871608	141	22	9	30	8	<	179	<	<	1.55	40	59.6	5.6	340	35	<	<	<	10.0	-	-	70	6.9	<	20.0	4.80	67
631	871609	73	23	12	34	11	<	319	1.0	<	0.50	30	6.4	1.8	455	49	<	<	<	10.0	<	10.0	100	7.1	0.53	28.0	10.40	97
631	871610	45	6	7	<	<	<	455	<	6	1.58	20	22.0	<	300	30	0.3	<	<	10.0	-	-	110	7.2	<	30.0	7.40	96
631	871611	117	8	4	8	3	<	95	<	<	0.29	35	75.6	1.2	95	12	<	<	<	10.0	-	-	70	6.7	<	14.2	3.32	40
631	871612	148	14	4	14	5	<	112	<	<	0.72	30	69.0	2.7	170	17	0.2	<	<	10.0	-	-	50	6.5	<	8.4	1.64	23
631	871613	122	14	6	21	7	<	123	<	<	0.69	35	65.0	2.2	270	24	<	<	<	10.0	-	-	60	6.7	<	14.2	2.60	40
631	871614	99	17	8	13	7	<	331	<	<	0.99	40	59.2	4.2	290	27	<	<	1	10.0	-	-	50	6.7	<	16.0	3.32	46
631	871615	104	10	5	6	3	<	189	<	<	1.09	35	74.8	1.4	120	14	<	<	<	10.0	-	-	70	7.0	0.06	31.0	4.80	86
631	871616	152	12	7	15	2	<	92	<	<	1.07	40	53.4	2.1	235	20	0.2	<	<	10.0	-	-	60	6.8	<	17.0	3.04	49
631	871617	36	9	7	<	<	<	219	<	9	0.29	20	51.2	5.7	230	36	0.4	<	<	10.0	-	-	100	7.1	0.28	27.0	6.20	86
631	871618	125	10	8	13	6	0.3	167	<	<	0.66	60	57.0	2.6	200	21	0.4	<	<	10.0	-	-	60	6.8	<	17.6	2.84	46
631	871619	172	14	5	15	6	<	81	<	2	0.58	60	25.4	2.6	140	14	0.4	<	<	10.0	-	-	50	6.6	<	8.4	1.36	19
631	871620	171	9	4	8	4	<	90	1.0	<	0.58	35	8.0	1.5	105	15	0.4	<	<	10.0	1	2.50	50	7.2	<	31.0	4.00	86
631	871622	117	5	2	4	<	<	36	<	2	0.22	30	85.4	0.7	85	12	<	<	<	10.0	4	2.50	50	6.7	<	19.8	3.20	53
631	871623	116	6	2	4	<	<	54	<	<	0.36	25	83.6	0.8	80	10	<	<	<	10.0	<4	2.50	40	6.7	<	19.2	3.16	53

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871624	14	661683	5987558	AGG	02	.25-1	3	00	Lw	-	GnBr	-
63I	871625	14	662847	5986643	AGG	02	.25-1	3	00	Lw	-	GnGy	-
63I	871626	14	668447	5986742	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	871627	14	651175	5986195	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871628	14	650968	5989211	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871629	14	647153	5989400	AGG	02	.25-1	2	00	Lw	-	GnGy	-
63I	871630	14	643742	5992009	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	871631	14	638389	5993261	AGG	02	1-5	5	00	Lw	-	GyBr	-
63I	871632	14	634607	5994443	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871633	14	628227	5997678	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	871635	14	625254	5999855	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	871636	14	622905	6000534	AGG	02	.25-1	2	00	Lw	-	GnGy	-
63I	871637	14	613955	6003847	AGG	02	1-5	4	00	Lw	-	Br	-
63I	871638	14	604244	6012809	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871639	14	620021	6011632	AGG	02	>5	5	00	Lw	-	Br	-
63I	871640	14	625085	6010920	AGG	02	>5	5	00	Lw	-	GnBr	-
63I	871642	14	625492	6008846	AGG	02	>5	7	10	Lw	-	GnBr	-
63I	871643	14	625492	6008846	AGG	02	>5	7	20	Lw	-	GnBr	-
63I	871644	14	626852	6005334	AGG	02	>5	8	00	Lw	-	GnBr	-
63I	871645	14	631872	6005910	AGG	02	>5	8	00	Lw	-	GnBr	-
63I	871646	14	643663	5998653	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871647	14	649376	6000690	AGG	02	>5	10	00	Lw	-	GnGy	-
63I	871648	14	652984	6001019	AGG	02	.25-1	2	00	Lw	-	GnBr	-
63I	871649	14	660642	6002003	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871650	14	664799	6002554	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871651	14	663521	5998780	AGG	02	1-5	3	00	Lw	-	GnBr	-
63I	871653	14	664022	5994696	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871654	14	667769	5994460	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871655	14	668383	5991722	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871656	14	665017	5991536	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871657	14	661542	5991810	AGG	02	1-5	1	00	Lw	-	Br	-
63I	871658	14	658902	5991008	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871659	14	658307	5994172	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871660	14	661277	5994550	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871662	14	660243	5997435	AGG	02	.25-1	1	10	Lw	-	Br	-
63I	871663	14	660243	5997435	AGG	02	.25-1	1	20	Lw	-	Br	-
63I	871664	14	658067	5999558	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871665	14	656712	5996804	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871666	14	652559	5996749	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871667	14	650527	5994524	AGG	02	1-5	1	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	871624	165	9	3	11	5	<	61	<	<	0.47	40	75.6	1.3	75	12	0.3	<	<	10.0	<4	2.50	30	6.6	<	13.4	2.08	34
631	871625	148	10	3	10	4	<	100	<	<	0.65	30	72.8	1.3	70	13	0.4	<	<	10.0	<2	5.00	30	6.5	<	10.6	1.84	27
631	871626	112	24	4	16	5	<	88	<	2	0.51	40	77.4	4.5	100	12	0.3	<	<	10.0	-	-	30	6.5	<	8.4	1.64	22
631	871627	177	12	8	13	6	<	165	<	2	0.81	40	41.4	2.3	315	24	0.4	<	<	10.0	4	5.00	40	6.7	<	18.8	2.68	51
631	871628	69	14	10	13	5	<	193	<	3	1.57	20	19.6	2.8	385	40	0.2	<	<	10.0	-	-	40	6.5	<	11.8	1.96	33
631	871629	90	13	8	13	5	<	145	<	2	1.07	20	39.0	1.9	280	34	0.2	<	<	10.0	-	-	30	6.4	<	7.6	1.32	20
631	871630	155	10	8	14	4	<	110	<	<	0.75	45	60.6	2.6	204	16	0.5	<	<	10.0	-	-	30	6.7	<	17.4	2.84	49
631	871631	164	15	8	14	5	<	129	3.0	<	0.99	20	54.2	3.3	240	19	0.4	<	<	10.0	2	5.00	40	6.7	<	16.2	2.68	47
631	871632	118	13	5	13	6	<	164	<	<	0.85	55	62.2	2.9	160	14	<	<	<	10.0	<4	2.50	40	6.7	<	16.4	2.64	46
631	871633	116	22	8	23	9	<	332	1.0	<	1.49	45	52.8	5.0	260	27	0.2	<	<	10.0	-	-	50	6.7	<	15.2	3.16	45
631	871635	133	12	4	10	4	<	105	<	2	0.76	40	70.0	2.4	145	7	0.2	<	<	10.0	-	-	60	6.7	<	17.0	3.04	46
631	871636	139	11	4	8	4	<	134	<	2	0.70	40	74.6	2.4	120	11	0.3	<	<	10.0	-	-	50	6.4	<	7.6	1.40	20
631	871637	120	12	5	13	4	<	83	<	2	0.53	50	73.2	2.0	115	9	0.2	<	<	10.0	-	-	50	6.7	<	14.0	2.76	40
631	871638	279	6	3	4	2	<	52	1.0	<	0.31	40	83.4	0.5	95	<	<	<	<	10.0	-	-	60	7.1	<	31.0	4.60	86
631	871639	88	15	10	19	7	<	316	1.0	3	1.25	45	34.2	3.6	205	18	<	<	<	10.0	-	-	60	6.9	0.07	19.4	4.20	58
631	871640	81	16	12	24	8	<	223	1.0	<	1.88	30	16.2	2.8	360	27	<	<	<	10.0	-	-	60	7.0	0.10	20.0	4.40	63
631	871642	99	20	8	31	11	<	283	1.0	<	2.67	40	17.0	3.8	465	40	<	<	<	10.0	-	-	60	6.8	0.10	23.0	4.00	65
631	871643	102	20	14	31	11	<	278	1.0	<	2.54	55	18.0	3.1	525	34	<	<	<	10.0	-	-	60	6.8	0.10	22.0	4.20	65
631	871644	79	16	13	24	9	<	240	1.0	<	2.17	45	14.2	3.0	375	25	<	<	<	10.0	-	-	50	6.8	0.10	20.0	4.00	65
631	871645	32	5	5	9	3	<	111	1.0	<	0.86	20	4.6	1.5	235	9	<	<	<	10.0	1	10.0	50	6.8	0.10	21.0	4.20	64
631	871646	127	10	6	9	<	<	58	1.0	5	0.34	45	79.8	19.4	105	7	0.4	<	<	10.0	-	-	70	6.9	0.19	27.0	4.20	78
631	871647	31	7	6	8	3	<	68	<	<	0.63	20	4.0	1.6	211	8	<	<	<	10.0	-	-	60	6.9	0.11	21.0	4.00	68
631	871648	123	9	6	11	4	<	152	<	<	0.61	25	71.6	2.7	190	13	0.3	<	<	10.0	-	-	60	6.8	<	17.2	4.20	54
631	871649	98	12	10	19	7	<	155	<	<	1.03	60	60.8	4.5	285	14	0.2	<	<	10.0	-	-	50	6.7	<	15.4	2.60	44
631	871650	133	12	4	6	3	<	108	<	2	0.33	40	78.4	4.4	95	7	0.4	<	<	10.0	-	-	50	6.6	<	13.4	2.24	37
631	871651	105	14	8	12	5	0.2	283	<	<	1.09	45	70.8	5.2	160	17	<	<	<	10.0	-	-	50	6.7	<	15.0	2.56	44
631	871653	133	12	4	13	3	<	75	<	3	0.57	60	74.6	1.4	80	7	0.5	<	<	10.0	-	-	60	6.7	<	13.4	2.16	33
631	871654	126	18	7	10	4	<	62	<	<	0.79	60	63.2	3.9	100	15	0.8	<	<	10.0	-	-	50	6.7	<	13.8	2.32	39
631	871655	126	13	6	8	3	<	92	<	<	0.79	40	73.7	1.8	75	11	0.7	<	<	10.0	-	-	50	6.8	<	22.0	3.48	62
631	871656	110	12	3	6	3	<	95	<	2	0.86	40	75.0	4.5	100	12	0.5	<	<	10.0	-	-	50	6.8	0.08	21.0	4.40	68
631	871657	152	15	3	12	5	<	96	<	2	0.52	45	76.4	2.1	110	8	0.5	<	<	10.0	-	-	50	6.8	<	15.6	2.52	44
631	871658	133	15	4	9	3	<	51	1.0	<	0.43	45	74.2	2.2	95	7	<	<	<	10.0	-	-	40	6.7	<	13.4	2.44	37
631	871659	142	14	5	13	5	0.2	73	<	<	0.76	60	57.6	1.7	120	12	<	<	<	10.0	-	-	40	6.9	<	24.0	3.64	66
631	871660	163	13	8	15	7	<	131	<	<	1.08	60	61.8	1.6	180	15	<	<	<	10.0	-	-	40	6.7	<	15.8	2.32	42
631	871662	110	14	5	11	4	<	79	<	<	0.43	40	68.4	5.6	80	12	<	<	<	10.0	-	-	40	6.6	<	12.8	2.08	37
631	871663	115	15	5	10	5	0.2	77	<	<	0.58	40	69.0	5.6	100	8	<	<	<	10.0	-	-	40	6.5	<	13.0	2.20	38
631	871664	127	13	5	13	4	<	61	1.0	2	0.50	40	60.8	4.4	95	9	<	<	<	10.0	-	-	40	6.5	<	10.6	1.92	29
631	871665	149	25	9	17	5	<	69	2.0	<	1.01	50	58.8	5.2	170	16	0.3	<	<	10.0	-	-	40	6.6	<	14.4	2.28	38
631	871666	132	14	6	9	3	<	54	<	<	0.68	50	67.0	2.5	85	14	0.2	<	<	10.0	-	-	40	6.6	<	12.8	1.88	35
631	871667	128	13	5	11	3	<	67	<	<	0.94	60	62.6	1.9	130	14	<	<	<	10.0	-	-	30	6.6	<	12.4	1.76	34

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	871668	14	649773	5997256	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871669	14	648141	5996650	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871670	14	641941	5997199	AGG	02	.25-1	1	00	Lw	-	GnBr	-
63I	871671	14	637920	5999228	AGG	02	.25-1	1	00	Lw	-	Tn	-
63I	871672	14	637236	6001499	AGG	02	1-5	2	00	Lw	-	Br	-
63I	871673	14	631837	6001021	AGG	02	1-5	1	00	Lw	-	GnBr	-
63I	871674	14	623611	6004753	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	871675	14	620462	6007634	AGG	02	>5	1	00	Lw	-	Br	-
63I	871676	14	617692	6008638	AGG	02	.25-1	1	00	Lw	-	-	-
63I	873002	14	581299	6052151	AGG	02	>5	2	10	Lw	-	Gy	-
63I	873003	14	581299	6052151	AGG	02	>5	2	20	Lw	-	Gy	-
63I	873004	14	590339	6051593	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873005	14	594849	6051479	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873006	14	599941	6050997	AGG	02	1-5	5	00	Lw	-	GyBr	-
63I	873007	14	604775	6051895	AGG	02	1-5	4	00	Lw	-	Br	-
63I	873008	14	609275	6052162	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873009	14	611895	6051832	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873010	14	620687	6050692	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873011	14	622976	6050087	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873012	14	626836	6051336	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873013	14	631784	6051070	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873014	14	641929	6051127	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	873015	14	648927	6051821	AGG	02	>5	3	00	Lw	-	GyBr	-
63I	873016	14	651537	6051415	AGG	02	>5	1	00	Lw	-	Br	-
63I	873018	14	656786	6052566	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873019	14	659560	6052923	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873020	14	662934	6052645	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873022	14	668044	6051445	AGG	02	.25-1	3	10	Lw	-	Br	-
63I	873023	14	668044	6051432	AGG	02	.25-1	3	20	Lw	-	Br	-
63I	873024	14	671037	6052161	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873025	14	673596	6051021	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873026	14	677078	6053379	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873027	14	681059	6053293	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873028	14	685099	6053470	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873029	14	686202	6054834	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873030	14	692803	6050471	AGG	02	>5	3	00	Lw	-	GyBr	-
63I	873031	14	692979	6052715	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	873032	14	693623	6055883	AGG	02	.25-1	3	00	Md	-	GyBr	-
63I	873033	14	690260	6057370	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873034	14	692699	6060031	AGG	02	.25-1	2	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	871668	109	16	5	9	4	0.3	58	<	2	0.56	40	67.6	5.3	75	10	0.5	<	<	10.0	-	-	40	6.6	<	11.0	2.12	30
63I	871669	150	11	<	14	6	<	68	<	<	0.83	75	63.0	2.3	165	13	0.6	<	<	10.0	-	-	40	6.8	<	19.6	3.16	57
63I	871670	119	12	6	4	2	<	98	<	6	0.95	60	70.6	30.0	90	10	0.6	<	<	10.0	-	-	110	7.0	0.14	33.0	6.40	101
63I	871671	38	9	7	2	<	<	188	1.0	8	0.43	25	26.2	6.7	175	38	0.6	<	<	10.0	-	-	100	7.0	0.14	27.0	5.20	89
63I	871672	152	11	7	6	2	<	66	<	3	0.47	45	74.2	9.0	100	11	0.4	<	<	10.0	-	-	80	6.7	<	17.0	3.12	50
63I	871673	110	21	10	25	9	<	224	<	<	1.46	40	48.0	3.9	295	30	<	<	<	10.0	-	-	60	6.7	<	15.4	3.08	46
63I	871674	105	12	5	7	2	0.2	79	<	<	0.33	40	77.4	1.7	80	10	0.3	<	<	10.0	-	-	50	6.6	<	11.2	2.20	32
63I	871675	114	14	9	22	9	<	211	<	<	1.62	55	56.2	3.6	275	29	<	<	<	10.0	-	-	50	6.6	<	14.4	2.60	43
63I	871676	101	23	10	21	8	<	178	<	<	1.42	20	60.0	5.6	255	29	<	<	<	10.0	-	-	60	6.8	<	15.6	6.00	65
63I	873002	127	35	15	52	16	<	463	4.0	<	4.19	35	8.2	3.2	425	49	0.3	0.2	<	10.0	-	-	100	6.8	0.48	27.0	9.20	91
63I	873003	140	34	17	52	17	<	567	4.0	<	4.44	30	9.4	3.2	410	57	<	0.2	<	10.0	-	-	100	6.8	0.48	28.0	9.40	91
63I	873004	138	9	4	13	3	<	107	<	<	0.72	35	75.6	0.8	105	10	2.3	<	1	10.0	-	-	50	6.7	<	11.6	2.88	36
63I	873005	155	6	3	5	<	<	135	<	<	0.34	25	81.0	0.5	70	7	<	<	<	10.0	-	-	40	6.5	<	8.6	2.04	28
63I	873006	185	22	8	29	10	<	282	<	<	2.01	45	47.0	2.5	240	23	1.0	<	<	10.0	-	-	40	6.6	<	12.4	2.64	37
63I	873007	140	19	5	19	5	<	86	<	<	1.12	25	64.0	1.2	180	18	0.4	<	<	10.0	-	-	40	6.6	<	10.6	2.56	35
63I	873008	163	16	4	19	6	<	105	<	<	0.96	40	68.6	1.1	175	13	0.4	<	<	10.0	-	-	40	6.7	<	15.4	3.08	47
63I	873009	97	15	2	12	3	<	57	<	<	0.76	45	62.8	2.7	95	8	0.8	<	<	10.0	-	-	40	6.8	<	20.0	4.20	62
63I	873010	112	14	2	11	3	<	66	<	<	0.41	40	74.6	0.9	75	10	0.4	<	<	10.0	-	-	50	6.6	<	13.0	2.48	38
63I	873011	152	13	4	9	4	<	118	<	<	0.63	40	76.6	0.9	70	7	0.3	<	<	10.0	-	-	40	6.5	<	11.0	2.20	32
63I	873012	120	16	2	15	2	<	52	<	3	0.29	40	88.2	2.8	55	6	0.5	<	<	10.0	-	-	30	6.7	<	18.8	3.88	54
63I	873013	82	20	4	15	3	<	64	<	2	0.46	40	75.0	12.4	80	10	0.6	<	<	10.0	-	-	40	6.8	0.13	20.0	4.00	58
63I	873014	170	19	5	20	6	<	92	1.0	<	0.96	50	75.8	1.1	80	13	0.8	<	<	10.0	-	-	40	6.8	<	20.0	3.32	59
63I	873015	106	16	8	14	5	<	107	1.0	<	1.60	40	69.2	1.3	75	19	0.5	<	<	10.0	-	-	40	6.7	<	17.0	2.92	53
63I	873016	92	15	3	12	3	<	53	<	<	0.89	30	72.6	1.1	105	11	0.2	<	<	10.0	-	-	40	6.7	<	16.8	2.88	53
63I	873018	122	15	3	14	4	<	76	<	<	0.85	50	73.4	1.0	105	9	0.6	<	<	10.0	-	-	60	6.8	<	18.8	2.54	51
63I	873019	108	11	3	11	3	<	89	<	<	0.84	40	67.0	1.4	140	11	0.3	<	<	10.0	-	-	50	6.7	<	13.4	2.08	39
63I	873020	119	13	3	9	3	<	67	<	<	0.35	40	79.0	0.8	75	9	<	<	<	10.0	-	-	40	6.9	<	20.0	3.12	56
63I	873022	116	16	5	14	4	<	92	1.0	<	0.83	45	68.4	2.0	100	9	0.7	<	6	10.0	6	2.50	40	6.7	3.07	22.0	3.56	64
63I	873023	121	16	4	14	4	<	103	1.0	<	0.81	50	70.4	2.1	105	10	<	<	<	10.0	<4	2.50	40	6.7	1.70	22.0	3.40	66
63I	873024	85	14	5	15	3	<	64	<	<	1.09	40	60.2	2.6	140	11	0.3	<	<	10.0	-	-	40	6.8	0.53	27.0	4.20	80
63I	873025	111	9	3	9	3	<	136	<	<	0.87	35	71.4	1.2	135	8	0.3	<	<	10.0	-	-	40	6.7	0.41	15.2	2.72	47
63I	873026	137	16	5	18	4	<	67	<	<	0.72	45	69.0	1.1	95	8	1.3	<	<	10.0	-	-	40	6.7	0.14	19.0	2.88	53
63I	873027	130	7	12	7	2	<	94	1.0	<	0.46	90	82.6	0.5	70	9	0.7	<	<	10.0	-	-	40	6.8	0.18	20.0	3.32	58
63I	873028	111	14	5	19	5	<	95	<	<	1.01	25	66.8	1.2	235	18	0.7	<	<	10.0	-	-	40	6.8	0.10	19.6	3.32	57
63I	873029	89	20	8	22	7	<	153	<	<	1.58	25	54.0	2.3	240	30	<	<	<	10.0	-	-	50	6.9	0.31	31.0	6.00	91
63I	873030	91	22	15	34	13	<	315	1.0	<	3.57	40	15.6	2.8	390	36	0.4	<	<	10.0	-	-	40	6.9	0.27	22.0	4.40	72
63I	873031	83	15	14	33	12	<	385	1.0	<	3.23	40	11.4	2.6	485	39	<	<	<	10.0	-	-	40	6.9	0.21	22.0	4.20	72
63I	873032	126	20	7	18	5	<	103	<	<	1.11	45	63.8	1.7	220	19	0.2	<	<	10.0	-	-	60	7.0	0.16	26.0	5.00	86
63I	873033	132	15	10	26	8	<	141	<	<	1.88	40	37.4	1.8	325	31	<	<	<	10.0	-	-	30	6.8	0.09	18.0	3.28	55
63I	873034	128	18	10	24	6	<	119	<	<	1.45	40	57.0	1.3	215	18	<	<	<	10.0	-	-	30	6.7	<	16.4	3.32	53

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
63I	873035	14	688851	6060422	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873036	14	688633	6063387	AGG	02	.25-1	2	00	Lw	-	TnBr	-
63I	873037	14	689517	6066731	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873039	14	688351	6070461	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873040	14	692508	6071737	AGFV	02	>5	23	00	Lw	-	Gy	-
63I	873042	14	690026	6074755	AGG	02	1-5	4	10	Md	-	Br	-
63I	873043	14	690026	6074755	AGG	02	1-5	4	20	Md	-	Br	-
63I	873045	14	692311	6079196	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873046	14	692208	6080679	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873047	14	691265	6085862	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873048	14	691622	6089049	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873049	14	692056	6092380	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	873050	14	691842	6095688	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	873051	14	687577	6097344	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873052	14	686547	6093111	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873053	14	688787	6092014	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873054	14	689356	6088130	AGG	02	>5	2	00	Lw	-	Tn	-
63I	873055	14	688372	6084750	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873056	14	689725	6081822	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873057	14	686094	6079553	AGMV	02	1-5	4	00	Lw	-	Br	-
63I	873058	14	684628	6074550	AGG	02	1-5	2	00	Lw	-	Tn	-
63I	873059	14	682501	6071432	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873060	14	684440	6069654	AGG	02	.25-1	2	00	Lw	-	Tn	-
63I	873062	14	684446	6066731	AGG	02	1-5	6	10	Lw	-	Br	-
63I	873063	14	684446	6066731	AGG	02	1-5	6	20	Lw	-	Br	-
63I	873064	14	679080	6064621	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873065	14	679059	6062459	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873066	14	678442	6060735	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873067	14	681423	6058953	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873068	14	682702	6055996	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873069	14	678635	6056587	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873070	14	675682	6058008	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873071	14	671111	6055139	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873072	14	669775	6058099	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873073	14	666682	6056597	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873074	14	663385	6056154	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873075	14	659566	6055554	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873076	14	656464	6055590	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873077	14	651827	6053957	AGG	02	1-5	1	00	Lw	-	Br	-
63I	873078	14	645805	6052600	AGG	02	1-5	3	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	873035	140	11	8	18	6	<	104	<	<	1.06	25	60.0	1.2	220	18	0.2	<	<	10.0	-	-	30	6.8	0.14	18.2	3.52	56
63I	873036	75	15	10	19	5	<	169	1.0	4	1.70	65	31.4	2.0	295	27	<	<	<	10.0	-	-	70	7.6	<	46.0	9.00	143
63I	873037	111	10	7	13	4	<	99	<	<	0.97	40	64.8	0.9	160	15	<	<	<	10.0	-	-	50	6.7	0.13	17.8	3.92	57
63I	873039	154	10	4	10	4	<	99	<	<	0.48	30	62.0	0.8	90	9	0.6	<	<	10.0	-	-	60	6.7	<	15.6	3.04	47
63I	873040	103	24	17	25	11	<	363	1.0	<	3.97	55	15.0	3.4	400	36	<	<	<	10.0	-	-	50	7.0	0.10	24.0	4.40	73
63I	873042	114	17	13	25	11	<	375	2.0	2	3.88	45	24.4	2.5	395	37	<	<	2	10.0	1	5.00	70	7.0	<	31.0	5.40	90
63I	873043	120	18	13	28	11	<	364	2.0	2	3.98	50	24.4	2.7	370	40	<	<	<	10.0	3	10.0	60	7.1	<	30.0	5.00	89
63I	873045	92	14	9	18	4	<	106	<	<	0.88	60	64.2	2.9	235	17	0.6	<	<	10.0	-	-	60	6.9	<	22.0	4.80	71
63I	873046	158	9	5	10	4	<	175	1.0	<	0.66	70	83.8	1.2	85	11	0.9	<	<	10.0	-	-	50	6.8	<	17.4	2.72	48
63I	873047	121	13	6	15	4	<	101	<	<	0.90	50	59.2	2.1	185	13	0.4	<	<	10.0	-	-	50	6.8	<	18.8	3.40	57
63I	873048	106	9	4	8	3	<	109	<	<	0.64	30	80.6	1.3	115	11	<	<	<	10.0	-	-	40	6.5	<	9.8	1.56	27
63I	873049	107	7	5	7	3	<	128	<	<	0.53	45	79.6	1.0	105	11	<	<	<	10.0	-	-	40	6.6	<	19.6	1.96	39
63I	873050	138	8	4	8	3	<	78	<	<	0.85	50	75.4	1.1	95	7	1.0	<	<	10.0	-	-	40	6.7	<	17.4	2.68	50
63I	873051	132	7	4	7	3	<	97	1.0	<	0.60	55	79.4	1.0	95	11	<	<	<	10.0	-	-	30	6.3	<	7.2	0.96	17
63I	873052	111	8	4	8	3	<	90	<	<	0.65	40	79.1	1.0	110	11	0.3	<	<	10.0	-	-	30	6.6	<	13.8	1.88	40
63I	873053	187	9	6	10	3	<	122	<	<	0.53	60	77.4	1.2	115	9	<	<	<	10.0	-	-	30	6.7	<	13.4	1.92	35
63I	873054	108	8	6	10	3	<	147	<	<	1.08	50	66.0	1.0	150	13	0.3	<	<	10.0	-	-	30	6.6	<	14.6	2.24	43
63I	873055	216	7	4	8	3	<	155	1.0	<	0.50	45	88.0	<	80	8	0.9	<	<	10.0	-	-	30	6.7	<	13.6	2.12	36
63I	873056	164	10	2	10	2	<	127	1.0	2	0.58	50	85.6	0.7	75	10	0.6	<	<	10.0	-	-	30	6.7	<	15.0	2.24	42
63I	873057	131	24	15	32	10	<	366	2.0	<	3.10	100	36.8	3.0	265	36	<	<	<	10.0	-	-	40	6.9	<	21.0	3.32	61
63I	873058	106	15	8	19	6	<	131	3.0	<	1.42	25	60.8	1.5	305	23	<	<	<	10.0	-	-	30	6.6	<	12.2	2.16	37
63I	873059	91	32	16	42	14	<	333	2.0	<	3.83	30	7.6	2.7	585	49	<	<	3	10.0	2	2.50	40	7.1	<	28.0	5.60	87
63I	873060	92	16	8	23	7	<	118	1.0	9	1.58	45	51.4	2.2	220	22	<	<	<	10.0	-	-	50	7.2	<	28.0	5.60	88
63I	873062	79	17	8	17	6	<	164	1.0	<	1.42	80	45.8	1.9	250	23	0.5	<	2	10.0	19	2.50	60	7.1	0.34	31.0	7.00	96
63I	873063	68	16	9	16	5	<	161	1.0	<	1.30	80	45.8	1.8	235	24	<	<	<	10.0	-	-	70	7.1	0.62	29.0	7.00	94
63I	873064	114	13	4	18	6	<	92	1.0	<	0.99	50	61.4	1.3	200	17	<	<	<	10.0	-	-	40	6.8	<	21.0	3.80	63
63I	873065	116	13	6	17	4	<	85	1.0	<	1.49	75	56.6	1.3	170	8	<	<	<	10.0	-	-	60	7.1	<	32.0	4.80	96
63I	873066	116	10	5	11	3	<	75	1.0	2	0.55	45	72.0	1.1	120	10	0.3	<	<	10.0	-	-	60	6.9	<	25.0	4.20	73
63I	873067	101	18	8	18	5	<	79	<	<	1.04	55	63.4	1.2	170	16	<	<	<	10.0	-	-	50	6.8	<	18.8	3.88	58
63I	873068	149	12	4	12	4	<	92	1.0	<	0.78	30	72.4	1.1	125	12	0.3	<	1	10.0	-	-	40	6.6	<	13.0	2.48	35
63I	873069	146	13	5	14	5	<	80	<	<	0.88	40	67.8	0.8	165	11	0.5	<	2	10.0	-	-	30	6.6	0.07	14.0	2.60	41
63I	873070	96	15	7	16	4	<	110	1.0	<	0.94	45	54.2	2.3	210	14	<	<	<	10.0	-	-	40	7.1	<	29.0	4.40	82
63I	873071	80	11	5	12	5	<	105	<	<	0.75	65	67.6	1.6	135	10	0.4	<	<	10.0	-	-	40	7.0	0.10	27.0	4.00	75
63I	873072	94	13	6	16	5	<	84	<	<	1.32	40	52.6	1.3	170	17	<	<	<	10.0	-	-	40	6.7	<	18.6	3.52	53
63I	873073	125	13	6	15	5	<	88	<	<	1.32	40	58.0	1.4	145	15	0.4	<	<	10.0	-	-	50	6.7	0.12	16.4	3.24	48
63I	873074	123	9	6	11	4	<	72	<	<	0.81	40	69.0	0.6	100	9	1.0	<	<	10.0	-	-	40	6.7	<	15.8	2.80	43
63I	873075	104	14	4	12	3	<	61	<	<	0.41	45	79.4	0.9	170	8	<	<	<	10.0	-	-	40	6.8	<	19.0	3.28	53
63I	873076	171	10	3	9	3	<	65	<	<	0.38	45	82.2	0.9	100	6	0.5	<	<	10.0	-	-	40	6.7	<	14.4	2.56	41
63I	873077	143	13	2	10	3	<	63	<	<	0.60	40	73.0	1.1	85	8	0.3	<	<	10.0	-	-	30	6.8	<	15.6	2.64	44
63I	873078	114	16	5	16	5	<	64	<	<	0.92	50	69.1	1.4	165	14	0.2	<	2	10.0	6	2.50	40	6.8	<	19.4	3.68	55

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873079	14	639312	6052576	AGG	02	.25-1	2	00	Lw	Wo	Br	-
63I	873082	14	636232	6052689	AGG	02	.25-1	2	10	Lw	-	Br	-
63I	873083	14	636232	6052689	AGG	02	.25-1	2	20	Lw	-	Br	-
63I	873084	14	630028	6053612	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873085	14	622820	6053665	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873086	14	620046	6053467	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873087	14	618504	6051950	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	873088	14	609872	6053345	AGG	02	1-5	5	00	Lw	-	GyBr	-
63I	873089	14	602061	6053238	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873091	14	600736	6052138	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873092	14	582741	6054051	AGMV	02	>5	2	00	Lw	-	Gy	-
63I	873093	14	577417	6051262	AGMV	02	>5	2	00	Lw	-	GyBr	-
63I	873094	14	573853	6049492	AGS	02	>5	4	00	Lw	-	Gy	-
63I	873095	14	570636	6048359	AGS	02	>5	2	00	Lw	-	Gy	-
63I	873096	14	568643	6048609	AGS	02	>5	1	00	Lw	-	Gy	-
63I	873097	14	565389	6051244	AGS	02	.25-1	1	00	Lw	-	Br	-
63I	873098	14	565706	6055351	AGS	02	>5	12	00	Lw	-	Gy	-
63I	873099	14	567369	6057311	AGS	02	>5	2	00	Lw	-	Gy	-
63I	873100	14	566774	6059580	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873102	14	565903	6063399	AGG	02	.25-1	2	10	Lw	-	Br	-
63I	873103	14	565903	6063399	AGG	02	.25-1	2	20	Lw	-	Br	-
63I	873104	14	568724	6065010	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873105	14	566557	6066924	AGG	02	pond	1	00	Lw	-	GyBr	-
63I	873106	14	564842	6078302	AGG	02	>5	23	00	Lw	-	Gy	-
63I	873107	14	566233	6082271	AGMV	02	1-5	1	00	Lw	-	Gy	-
63I	873108	14	565478	6085461	AFGR	02	>5	15	00	Lw	-	Gy	-
63I	873109	14	569196	6086615	AFGR	02	.25-1	1	00	Lw	-	Br	-
63I	873110	14	570048	6089233	AFGR	02	>5	6	00	Lw	-	Gy	-
63I	873111	14	564357	6092695	AFGR	02	>5	3	00	Lw	-	Gy	-
63I	873112	14	567205	6095000	AFGR	02	.25-1	2	00	Lw	-	GyBr	-
63I	873113	14	570735	6094761	AFGR	02	>5	3	00	Lw	-	GyBr	-
63I	873115	14	572365	6093231	AFGR	02	>5	3	00	Lw	-	Gy	-
63I	873116	14	571889	6089714	AFGR	02	>5	12	00	Lw	-	Gy	-
63I	873117	14	573666	6087853	AFGR	02	>5	4	00	Lw	-	Gy	-
63I	873118	14	577943	6089878	AFGR	02	>5	3	00	Lw	-	GyBr	-
63I	873119	14	580025	6091977	AFGR	02	>5	3	00	Lw	-	GyBr	-
63I	873120	14	581302	6092567	AFGR	02	>5	3	00	Lw	-	Gy	-
63I	873122	14	584000	6094600	AGG	02	>5	2	10	Lw	-	GyBr	-
63I	873123	14	584000	6094600	AGG	02	>5	2	20	Lw	-	GyBr	-
63I	873124	14	586415	6093052	AGG	02	>5	5	00	Md	-	Gy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	873079	106	16	3	11	4	<	97	<	2	0.96	45	81.8	1.8	310	16	0.4	<	<	10.0	-	-	40	6.9	0.15	21.0	4.40	70
63I	873082	106	17	4	11	3	<	57	<	<	0.45	30	72.6	2.0	80	9	0.7	<	<	10.0	-	-	60	6.6	<	15.0	2.60	39
63I	873083	123	19	3	12	3	<	54	<	<	0.51	25	72.4	2.3	145	10	0.4	<	<	10.0	-	-	50	6.6	0.12	14.4	2.40	40
63I	873084	119	17	4	11	6	<	73	1.0	<	0.94	30	65.2	12.8	165	14	0.5	<	<	10.0	-	-	50	6.8	0.20	20.0	4.20	64
63I	873085	111	9	4	10	4	<	105	1.0	<	0.53	35	69.0	1.9	130	9	<	<	<	10.0	-	-	40	6.6	0.14	13.6	2.56	38
63I	873086	157	6	4	7	2	<	48	1.0	<	0.30	40	87.8	0.5	55	5	<	<	1	10.0	-	-	30	6.6	<	9.6	2.20	27
63I	873087	107	11	8	13	4	<	122	<	<	0.72	70	66.6	1.4	135	11	<	0.2	<	10.0	-	-	30	6.6	<	12.0	2.32	34
63I	873088	125	20	13	25	10	<	214	1.0	<	2.20	50	48.0	1.9	235	36	<	0.2	1	10.0	-	-	40	6.7	<	15.0	3.40	48
63I	873089	167	12	4	16	5	<	69	1.0	<	0.54	40	78.2	1.0	110	8	1.1	0.2	<	10.0	-	-	30	6.6	<	9.6	2.32	28
63I	873091	95	18	4	17	4	<	262	<	<	0.58	25	75.2	1.4	95	11	<	0.2	<	10.0	-	-	60	6.8	0.14	16.0	4.80	52
63I	873092	118	33	18	50	18	<	463	5.0	<	4.35	25	8.0	3.3	430	48	<	0.2	1	10.0	6	2.50	90	6.9	0.49	28.0	11.40	92
63I	873093	108	38	14	43	14	<	230	7.0	<	4.34	25	19.2	3.7	390	40	<	<	<	10.0	-	-	70	6.8	0.13	20.0	9.20	77
63I	873094	89	25	17	38	14	<	420	2.0	<	3.57	40	8.4	2.6	475	39	<	<	<	10.0	2	10.0	70	7.0	0.38	25.0	10.00	83
63I	873095	101	35	16	48	18	<	375	4.0	<	4.17	35	8.8	3.0	400	46	<	<	<	10.0	<4	2.50	70	7.0	0.52	25.0	11.60	88
63I	873096	118	39	15	47	16	<	343	4.0	<	4.52	30	12.0	3.6	470	54	<	<	2	10.0	2	2.50	80	6.8	0.49	20.0	12.00	76
63I	873097	109	29	10	32	12	<	175	1.0	<	3.22	40	32.8	2.9	280	30	<	<	<	10.0	-	-	60	6.6	<	9.8	6.20	31
63I	873098	53	23	10	25	7	<	257	2.0	<	2.05	30	5.0	1.9	330	27	<	<	<	10.0	<	10.0	80	7.3	0.51	29.0	12.20	105
63I	873099	61	22	11	29	9	<	357	2.0	2	2.51	25	4.2	1.8	415	33	<	<	<	10.0	<	10.0	80	7.3	0.51	31.0	11.60	103
63I	873100	104	15	8	22	7	<	212	1.0	<	1.35	55	59.2	1.8	235	17	<	<	<	10.0	-	-	60	6.9	<	15.4	7.00	55
63I	873102	97	21	8	26	8	<	251	1.0	<	1.75	55	53.8	4.6	300	28	<	<	<	10.0	-	-	60	6.6	<	18.8	7.20	65
63I	873103	101	22	9	27	9	<	240	1.0	<	1.91	65	51.2	4.7	300	32	<	<	<	10.0	-	-	60	6.7	<	18.4	7.00	66
63I	873104	104	18	9	22	8	<	301	1.0	<	1.65	40	58.4	2.3	185	31	0.3	<	<	10.0	-	-	50	6.5	<	10.6	5.00	41
63I	873105	115	34	9	31	14	<	254	1.0	<	4.25	40	24.6	5.2	355	51	<	<	<	10.0	-	-	70	7.0	0.22	29.0	13.60	111
63I	873106	80	29	6	29	12	<	450	2.0	2	3.36	40	7.8	2.1	370	43	0.3	<	<	10.0	-	-	70	7.0	0.44	30.0	11.60	96
63I	873107	118	28	15	38	18	<	399	1.0	<	4.60	40	20.2	2.7	445	52	<	<	<	10.0	-	-	50	6.5	<	10.0	3.24	35
63I	873108	94	28	15	37	14	<	698	3.0	2	3.68	35	7.2	2.4	440	46	<	0.2	1	10.0	-	-	80	7.1	0.45	28.0	11.60	96
63I	873109	194	8	2	27	8	<	148	<	<	0.78	45	64.2	0.8	65	8	<	<	<	10.0	-	-	60	6.5	<	9.2	3.00	30
63I	873110	87	29	15	35	13	<	591	3.0	<	3.48	35	6.4	2.3	405	45	<	0.2	<	10.0	-	-	70	7.1	0.46	29.0	11.00	98
63I	873111	75	25	14	30	11	<	517	2.0	<	3.13	30	5.8	2.2	400	39	<	0.2	<	10.0	-	-	80	7.2	0.49	28.0	11.40	96
63I	873112	118	37	15	31	12	<	190	2.0	<	3.29	40	32.0	5.5	310	48	<	0.2	<	10.0	-	-	70	6.9	0.37	24.0	10.80	89
63I	873113	86	28	15	39	14	<	627	2.0	<	3.63	30	6.6	2.2	425	50	<	0.2	<	10.0	-	-	70	7.2	0.44	29.0	11.20	96
63I	873115	109	33	10	44	14	<	370	3.0	<	4.09	40	9.0	2.5	390	51	<	0.2	<	10.0	-	-	80	7.2	0.45	29.0	12.00	97
63I	873116	82	28	15	37	12	<	526	3.0	<	3.32	25	7.0	2.4	420	44	<	0.2	<	10.0	-	-	80	7.2	0.45	28.0	11.20	97
63I	873117	89	28	15	41	15	<	571	2.0	<	3.69	25	4.8	2.0	440	46	<	0.2	<	10.0	-	-	80	7.3	0.43	32.0	11.60	97
63I	873118	92	30	16	44	16	<	563	2.0	<	4.00	25	7.7	2.4	420	52	<	0.2	<	10.0	-	-	80	7.2	0.43	29.0	11.80	96
63I	873119	88	28	16	41	14	<	537	2.0	<	3.75	25	6.6	2.5	435	46	<	0.3	<	10.0	-	-	80	7.3	0.44	30.0	11.20	97
63I	873120	109	36	17	45	17	<	434	3.0	<	4.32	35	11.8	2.9	460	53	<	0.2	<	10.0	-	-	80	7.3	0.42	30.0	11.40	98
63I	873122	122	40	14	38	13	<	209	3.0	<	3.59	60	74.2	4.5	325	48	<	0.2	2	5.00	-	-	90	6.9	0.38	28.0	12.00	95
63I	873123	107	40	13	37	12	<	211	3.0	<	3.64	50	72.4	4.7	360	52	<	0.2	<4	2.50	-	-	80	6.9	0.39	29.0	11.80	94
63I	873124	127	30	15	46	18	<	491	3.0	<	5.03	45	83.2	3.2	485	56	<	<	2	5.00	14	2.50	70	6.9	0.26	25.0	9.00	84

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873125	14	583636	6090489	AGG	02	>5	1	00	Md	-	Gy	-
63I	873126	14	583240	6088178	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873127	14	581498	6084103	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873128	14	582771	6082748	AGMV	02	1-5	2	00	Lw	-	Br	-
63I	873129	14	579514	6082402	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873130	14	576196	6083884	AGMV	02	1-5	8	00	Md	-	Br	-
63I	873131	14	576890	6079897	AGG	02	1-5	8	00	Md	-	GyBr	-
63I	873132	14	573717	6078208	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873133	14	572724	6077656	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873134	14	573396	6075054	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873135	14	571543	6073409	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873136	14	570670	6070689	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873137	14	572963	6070992	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873138	14	574752	6068141	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873140	14	573711	6066347	AGG	02	>5	9	00	Lw	-	Gy	-
63I	873142	14	571842	6062268	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873143	14	571403	6060107	AGS	02	>5	5	10	Lw	-	Gy	-
63I	873144	14	571403	6060107	AGS	02	>5	5	20	Lw	-	Gy	-
63I	873145	14	571239	6056699	AGS	02	>5	1	00	Lw	-	GyBr	-
63I	873146	14	569148	6056728	AGS	02	>5	13	00	Lw	-	Gy	-
63I	873147	14	568529	6055163	AGS	02	1-5	7	00	Lw	-	GyBr	-
63I	873148	14	567966	6052768	AGS	02	.25-1	1	00	Lw	-	Br	-
63I	873149	14	571336	6051403	AGS	02	>5	1	00	Lw	-	GyBr	-
63I	873150	14	571809	6052803	AGS	02	>5	1	00	Lw	-	GyBr	Hvy
63I	873151	14	571584	6054331	AGS	02	>5	1	00	Lw	-	Br	-
63I	873152	14	575680	6052762	AGS	02	.25-1	2	00	Lw	-	Br	-
63I	873153	14	577230	6053364	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873154	14	579588	6053340	AGMV	02	>5	2	00	Lw	-	Br	-
63I	873155	14	595774	6055791	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873156	14	598509	6056019	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873157	14	605723	6055235	AGG	02	.25-1	6	00	Lw	-	Br	-
63I	873158	14	614410	6055069	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873159	14	617729	6056334	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873162	14	629247	6056679	AGG	02	>5	7	10	Lw	-	GyBr	-
63I	873163	14	629247	6056679	AGG	02	>5	7	20	Lw	-	GyBr	-
63I	873164	14	637845	6054908	AGG	02	.25-1	6	00	Lw	-	Br	-
63I	873165	14	641343	6054826	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873167	14	644620	6054563	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873168	14	648147	6057037	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873169	14	653748	6057403	AGG	02	.25-1	1	00	Lw	-	Br	-

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Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	.2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	873125	116	32	22	46	20	<	337	2.0	<	4.33	25	33.8	3.7	510	59	<	<	<4	2.50	-	-	60	6.7	0.06	18.2	6.20	60
63I	873126	147	11	5	19	5	<	127	<	<	0.99	35	16.4	1.0	165	17	<	<	<4	2.50	-	-	50	6.6	<	10.6	1.04	37
63I	873127	159	10	5	18	4	<	110	1.0	<	0.63	50	17.6	0.6	80	8	<	<	<	10.0	-	-	50	6.6	<	11.0	3.34	39
63I	873128	130	21	8	25	9	<	178	<	<	1.72	30	17.2	2.2	275	31	<	<	<	10.0	-	-	50	6.6	<	9.6	3.24	36
63I	873129	93	21	7	22	8	<	166	<	<	1.45	25	17.0	1.7	260	29	<	<	<	10.0	-	-	40	6.4	<	7.6	2.60	29
63I	873130	129	29	16	37	15	<	448	1.0	<	4.41	70	13.6	4.0	400	44	<	<	<	10.0	-	-	50	6.8	<	19.4	7.00	68
63I	873131	84	28	14	34	13	<	516	1.0	<	3.62	25	4.8	2.8	425	36	<	<	<	10.0	1	2.50	50	6.9	0.08	20.0	6.40	70
63I	873132	146	8	4	14	2	<	113	<	<	0.44	45	79.6	1.0	65	8	<	<	<	10.0	-	-	30	6.5	<	8.0	2.88	25
63I	873133	153	21	14	28	11	<	308	1.0	<	2.55	30	5.2	2.1	330	39	<	<	<	10.0	<	10.0	30	6.4	<	8.4	2.52	26
63I	873134	90	12	4	16	4	<	127	<	<	0.77	35	70.8	1.6	135	12	<	<	4	10.0	1	2.50	30	6.6	<	11.2	4.00	43
63I	873135	120	14	5	17	6	<	146	<	<	1.25	25	60.2	1.2	155	17	<	<	<	10.0	-	-	30	6.6	<	11.6	3.80	43
63I	873136	109	35	15	48	15	<	255	3.0	<	4.17	35	78.4	2.7	435	43	<	0.2	1	10.0	-	-	50	6.6	0.10	18.6	4.40	64
63I	873137	123	39	16	51	18	<	292	3.0	<	4.66	40	14.4	3.4	530	44	<	0.2	<	10.0	-	-	50	6.6	0.14	20.0	8.20	63
63I	873138	124	18	9	27	10	<	165	1.0	<	1.76	65	45.0	2.7	295	20	<	<	<	10.0	-	-	40	6.7	<	19.4	7.60	63
63I	873140	82	27	15	37	13	<	613	3.0	<	3.62	45	9.4	2.1	430	36	<	<	5	10.0	2	5.00	100	7.1	0.38	27.0	11.20	94
63I	873142	88	30	15	40	14	<	519	3.0	2	3.66	25	3.2	2.9	475	52	<	<	<	10.0	<2	5.00	90	6.8	0.31	29.0	10.40	85
63I	873143	52	23	11	28	8	<	362	2.0	<	2.42	25	6.0	1.7	350	30	<	<	<	10.0	1	5.00	90	6.9	0.38	27.0	10.60	94
63I	873144	50	23	11	27	8	<	357	2.0	<	2.36	25	6.8	1.9	300	27	<	<	<	10.0	<	10.0	100	6.9	0.38	32.0	10.80	89
63I	873145	38	22	8	25	6	<	287	2.0	<	1.93	25	8.4	1.6	285	23	<	<	<	10.0	2	10.0	110	7.0	0.46	31.0	11.20	105
63I	873146	58	24	11	30	9	<	435	2.0	2	2.41	25	6.0	1.7	420	38	<	<	<	10.0	2	10.0	110	7.1	0.47	29.0	11.80	105
63I	873147	123	34	17	46	17	<	526	2.0	2	4.86	50	26.4	3.0	430	54	<	<	<	10.0	-	-	80	6.9	0.09	29.0	10.00	104
63I	873148	110	35	10	33	12	<	206	2.0	2	3.23	45	35.4	3.9	325	40	<	<	<	10.0	-	-	80	6.8	<	13.4	9.80	63
63I	873149	37	21	9	24	7	<	238	2.0	<	1.98	25	6.0	1.4	315	21	<	<	<	10.0	<	10.0	110	7.0	0.42	31.0	11.20	98
63I	873150	48	26	10	27	8	<	305	2.0	2	2.34	25	8.0	1.7	400	27	<	<	<	10.0	<	10.0	110	7.0	0.30	47.0	14.00	144
63I	873151	88	35	12	34	11	<	200	1.0	3	3.76	45	30.2	3.7	580	38	<	0.2	<	10.0	-	-	120	6.7	<	18.6	10.20	70
63I	873152	118	16	6	19	6	<	152	<	<	1.14	25	69.2	2.3	150	23	<	<	<	10.0	-	-	60	6.6	<	12.6	4.80	47
63I	873153	113	29	13	31	11	0.2	301	1.0	<	2.78	35	41.8	3.6	350	44	<	<	<	10.0	-	-	60	6.6	<	13.0	6.80	57
63I	873154	102	30	15	27	9	<	155	2.0	2	1.90	70	48.4	5.2	235	27	<	0.3	<	10.0	-	-	70	6.6	<	15.6	6.20	58
63I	873155	146	7	4	10	3	<	129	<	2	0.51	40	80.0	0.5	90	10	<	<	<	10.0	-	-	40	6.3	<	6.6	1.64	19
63I	873156	160	9	5	16	6	<	261	2.0	2	0.80	50	38.2	0.9	110	9	0.2	<	<	10.0	-	-	50	6.6	<	14.4	2.92	45
63I	873157	183	21	13	29	13	<	356	1.0	<	3.05	65	70.8	3.1	310	30	<	<	<10	1.00	-	-	50	6.6	<	13.6	2.60	41
63I	873158	98	12	5	18	6	<	108	<	<	0.90	55	63.2	2.2	195	14	<	<	<	10.0	-	-	60	6.8	<	19.6	4.00	61
63I	873159	89	17	4	18	5	<	60	<	2	0.54	65	69.8	9.9	110	11	<	<	<	10.0	-	-	50	6.7	<	18.4	3.96	59
63I	873162	77	23	9	24	9	<	224	2.0	<	2.76	30	20.8	4.0	280	23	<	<	<	10.0	-	-	60	6.6	<	19.4	3.72	59
63I	873163	79	21	9	23	8	<	212	2.0	<	2.60	35	21.6	3.8	280	22	<	<	<	10.0	-	-	60	6.6	<	18.6	3.80	59
63I	873164	130	27	3	17	7	<	91	<	3	0.74	85	71.0	2.4	80	8	<	<	<	10.0	-	-	50	6.6	<	14.6	2.76	42
63I	873165	148	32	3	14	4	<	59	<	5	0.80	45	82.2	2.1	85	11	<	<	<	10.0	-	-	50	6.8	<	27.0	4.60	75
63I	873167	162	12	3	11	4	<	85	<	3	0.34	45	84.0	0.6	70	7	0.5	<	<	10.0	-	-	50	6.5	<	12.6	2.04	33
63I	873168	145	17	3	16	3	<	67	1.0	5	0.39	40	80.6	1.3	95	8	0.8	<	<	10.0	-	-	40	6.7	<	20.0	2.96	55
63I	873169	124	8	4	8	3	<	75	<	<	0.33	35	82.4	1.2	75	9	1.0	<	<	10.0	-	-	40	6.7	<	20.0	3.80	62

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873170	14	657521	6058751	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873171	14	660888	6058053	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873172	14	667224	6058617	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873173	14	669921	6061016	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873174	14	675682	6063716	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873175	14	677400	6068183	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873176	14	678404	6071252	AGG	02	pond	1	00	Lw	-	Br	-
63I	873177	14	682168	6076031	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63I	873178	14	682791	6076752	AGG	02	.25-1	7	00	Lw	-	Br	-
63I	873179	14	681364	6077992	AGMV	02	1-5	5	00	Lw	-	GyBr	-
63I	873180	14	682369	6078557	AGMV	02	1-5	4	00	Lw	-	GyBr	-
63I	873182	14	683579	6079519	AGMV	02	.25-1	2	10	Lw	-	Br	-
63I	873183	14	683580	6079506	AGMV	02	.25-1	2	20	Lw	-	Br	-
63I	873184	14	684392	6082447	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873185	14	685559	6085873	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	873186	14	683858	6087864	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	873187	14	684653	6091521	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873188	14	684544	6096347	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873189	14	681443	6095785	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873190	14	681237	6091734	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873191	14	680329	6089546	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873192	14	680928	6085110	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873193	14	681597	6081403	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873195	14	678632	6076099	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873196	14	677883	6074763	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873197	14	676463	6072642	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873198	14	674907	6070146	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873199	14	674206	6066079	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873200	14	667475	6062485	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873202	14	664478	6060962	AGG	02	.25-1	2	10	Lw	-	Br	-
63I	873203	14	664478	6060962	AGG	02	.25-1	2	20	Lw	-	Br	-
63I	873204	14	655237	6061612	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873205	14	647525	6059082	AGMV	02	.25-1	12	00	Lw	-	GyBr	-
63I	873206	14	642683	6056880	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873207	14	641191	6057298	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873208	14	635319	6056723	AGG	02	.25-1	6	00	Md	-	Br	-
63I	873209	14	631996	6057899	AGG	02	>5	6	00	Lw	-	GyBr	-
63I	873210	14	618375	6058281	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873211	14	612190	6058779	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873212	14	609265	6058391	AGG	02	.25-1	1	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	873170	125	17	4	14	5	<	65	<	3	0.97	40	72.2	1.9	145	11	0.5	<	<	10.0	-	-	40	6.7	<	25.0	4.00	68
631	873171	118	12	7	10	4	<	68	<	<	0.80	45	68.6	0.9	140	12	<	<	<	10.0	-	-	30	6.6	<	15.0	2.60	45
631	873172	151	10	8	9	5	<	80	1.0	<	0.73	45	68.6	1.0	100	11	0.3	<	<	10.0	-	-	40	6.6	<	14.6	2.52	43
631	873173	143	10	7	9	4	<	69	<	<	0.68	40	68.4	1.1	115	10	0.2	<	<2	10.0	-	-	40	6.6	<	15.8	2.92	48
631	873174	142	12	7	7	3	<	77	<	<	0.41	40	68.4	0.7	90	5	1.3	<	<2	5.00	-	-	30	6.6	<	15.0	2.60	43
631	873175	153	12	7	8	3	<	78	<	<	0.41	25	75.2	0.9	110	7	<	<	<	10.0	-	-	30	6.6	<	13.4	2.44	39
631	873176	141	9	7	8	2	<	71	<	2	0.33	45	77.2	0.9	85	6	<	<	<	10.0	-	-	30	6.8	<	20.0	3.92	56
631	873177	109	17	12	24	8	<	153	1.0	<	1.53	50	44.2	4.8	305	25	<	<	<	10.0	-	-	40	6.8	<	23.0	4.40	69
631	873178	134	25	13	31	11	<	257	3.0	<	2.11	80	44.2	7.4	330	20	<	<	<	10.0	-	-	40	6.8	0.11	22.0	4.00	69
631	873179	144	24	15	34	12	<	251	1.0	<	2.89	70	32.8	4.0	500	32	<	<	2	10.0	<2	5.00	40	6.8	<	20.0	3.56	61
631	873180	139	25	14	33	12	<	266	1.0	<	3.12	70	32.6	3.3	445	35	<	<	<	10.0	-	-	40	6.8	<	20.0	3.56	60
631	873182	109	23	8	17	5	<	91	1.0	<	0.84	45	65.2	3.2	195	14	<	<	1	10.0	-	-	40	6.8	<	29.0	5.00	87
631	873183	115	22	7	15	5	<	76	1.0	2	0.78	65	67.2	3.9	170	14	<	<	<	10.0	-	-	50	6.9	<	28.0	5.40	86
631	873184	125	15	6	16	4	<	71	1.0	<	0.72	50	65.2	0.9	195	7	<	<	<	10.0	-	-	40	6.6	<	16.2	2.72	46
631	873185	117	12	4	9	4	<	98	<	<	1.01	25	72.8	1.4	120	15	<	<	<	10.0	-	-	40	6.6	<	15.8	2.80	48
631	873186	126	11	11	9	4	<	87	1.0	<	0.93	40	65.2	1.5	125	11	<	<	<	10.0	-	-	40	6.5	<	14.2	2.72	43
631	873187	122	8	9	7	4	<	118	1.0	<	0.69	40	80.4	1.0	100	9	<	<	<	10.0	-	-	30	6.4	<	8.2	1.24	22
631	873188	336	5	2	3	2	<	177	1.0	<	0.35	65	88.8	0.5	75	6	0.6	<	<	10.0	-	-	30	6.3	<	7.6	1.04	18
631	873189	270	7	4	5	4	<	119	1.0	<	0.51	65	89.0	1.0	105	8	<	<	<	10.0	-	-	40	6.6	<	12.4	2.12	35
631	873190	153	9	3	8	3	<	83	1.0	<	0.34	40	78.6	1.4	90	9	<	<	<	10.0	-	-	50	6.8	<	23.0	3.96	69
631	873191	148	13	4	10	4	<	87	<	<	0.74	25	70.8	1.5	130	11	<	<	<2	5.00	-	-	40	6.6	<	14.0	2.68	42
631	873192	178	14	2	11	3	<	81	1.0	2	0.58	50	85.4	1.1	80	9	<	<	<	10.0	-	-	50	6.9	<	22.0	3.52	65
631	873193	137	17	<	16	5	<	80	1.0	<	0.90	45	68.6	2.2	185	7	<	<	<	10.0	-	-	40	6.6	<	15.2	2.84	45
631	873195	126	18	6	20	6	0.2	109	2.0	3	1.43	30	64.8	10.0	235	18	<	<	<	10.0	-	-	50	6.6	0.09	16.6	3.12	51
631	873196	111	18	4	15	5	<	65	<	4	0.87	45	64.6	4.4	185	10	<	<	<	10.0	-	-	40	6.8	<	23.0	4.20	72
631	873197	152	10	4	10	4	<	84	1.0	2	0.59	35	72.8	0.9	110	13	<	<	<	10.0	-	-	30	6.7	<	15.6	2.76	44
631	873198	160	8	3	6	4	<	86	1.0	2	0.42	40	77.0	0.7	95	6	<	<	<	10.0	-	-	30	6.5	<	12.4	2.00	33
631	873199	107	17	9	22	9	<	194	1.0	<	1.53	70	45.4	1.9	345	15	<	<	1	10.0	<2	5.00	30	6.8	<	22.0	3.60	62
631	873200	119	12	3	8	3	<	69	1.0	3	0.66	65	74.4	1.6	90	8	0.3	<	<	10.0	-	-	80	7.1	<	35.0	5.20	100
631	873202	144	20	4	8	5	<	66	1.0	<	0.71	40	70.8	1.9	195	13	<	<	<	10.0	-	-	40	6.8	<	25.0	4.00	68
631	873203	134	19	5	11	4	<	76	1.0	2	0.72	40	68.2	1.5	120	14	<	<	<	10.0	-	-	40	6.7	<	24.0	4.00	67
631	873204	114	13	3	11	3	<	75	1.0	2	0.43	55	71.8	1.6	100	10	<	<	<	10.0	-	-	40	6.7	<	19.4	3.56	53
631	873205	140	39	13	51	14	<	249	2.0	<	2.03	140	68.6	2.3	285	32	0.2	<	<	10.0	-	-	40	6.9	<	29.0	4.80	83
631	873206	108	22	3	14	3	<	77	<	2	0.62	55	68.0	1.6	115	10	<	<	<	10.0	-	-	40	6.9	<	27.0	4.20	77
631	873207	136	17	4	14	4	<	59	<	5	0.42	45	68.4	1.9	120	12	0.3	<	<	10.0	-	-	40	6.8	<	23.0	3.96	64
631	873208	103	38	4	23	9	<	127	<	<	1.12	135	74.4	20.9	175	19	<	<	<	10.0	-	-	30	6.6	0.09	15.8	2.96	46
631	873209	87	21	9	21	8	<	189	2.0	<	2.01	30	78.4	4.4	300	25	<	<	<2	5.00	-	-	40	6.7	<	17.8	3.76	59
631	873210	95	20	4	22	5	<	51	<	<	0.54	35	82.6	10.1	150	14	<	<	<	10.0	-	-	40	6.6	<	15.8	3.56	51
631	873211	175	25	6	15	5	<	67	2.0	<	0.80	40	44.4	3.8	155	14	0.3	<	<	10.0	-	-	40	6.6	<	14.0	2.92	42
631	873212	117	13	8	15	8	<	185	1.0	<	1.04	70	44.2	2.0	185	17	<	<	<	10.0	-	-	30	6.6	<	14.4	2.88	44

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
63I	873214	14	605777	6058238	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873215	14	577855	6054631	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873216	14	573403	6055453	AGS	02	>5	1	00	Lw	-	Gy	-
63I	873217	14	574891	6059821	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873218	14	573682	6061033	AGG	02	>5	2	00	Lw	-	Gy	-
63I	873219	14	575755	6062452	AGG	02	.25-1	1	00	Lw	-	Gy	-
63I	873220	14	577368	6061296	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873223	14	580993	6066044	AGG	02	>5	1	10	Lw	-	Gy	-
63I	873224	14	580993	6066044	AGG	02	>5	1	20	Lw	-	Gy	-
63I	873225	14	577869	6069358	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873226	14	580442	6069820	AGG	02	1-5	1	00	Lw	-	Br	-
63I	873227	14	584272	6070134	AGG	02	1-5	1	00	Lw	-	Br	-
63I	873228	14	582808	6073566	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873229	14	582201	6075242	AGG	02	1-5	6	00	Lw	-	GyBr	-
63I	873230	14	579598	6073590	AGG	02	1-5	6	00	Lw	-	GyBr	-
63I	873231	14	578230	6075094	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873232	14	589329	6083023	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873233	14	587730	6084154	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873234	14	587967	6086732	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873235	14	592000	6087792	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873236	14	593447	6088129	AGG	02	1-5	1	00	Lw	-	Br	-
63I	873237	14	591274	6094568	AGMV	02	.25-1	2	00	Lw	-	GyBr	-
63I	873238	14	594558	6092843	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873239	14	597521	6092350	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873240	14	598485	6094737	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873242	14	601288	6093843	AGG	02	1-5	16	10	Md	-	GyBr	-
63I	873243	14	601300	6093844	AGG	02	1-5	16	20	Md	-	GyBr	-
63I	873244	14	603921	6093476	AGG	02	1-5	6	00	Md	-	GyBr	-
63I	873245	14	607332	6094839	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	873246	14	607924	6093193	AGMV	02	>5	10	00	Md	-	GyBr	-
63I	873247	14	609705	6094473	AGG	02	>5	5	00	Md	-	GyBr	-
63I	873248	14	610718	6095712	AGG	02	>5	1	00	Md	-	Gy	-
63I	873249	14	619611	6095345	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873250	14	617574	6092663	AGG	02	1-5	6	00	Lw	-	GyBr	-
63I	873251	14	616441	6089632	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873252	14	613974	6090109	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873253	14	607144	6091557	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873254	14	607970	6089649	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873255	14	602027	6084285	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873256	14	600860	6088339	AGG	02	.25-1	2	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	873214	95	15	11	19	7	<	163	1.0	<	1.05	80	32.6	3.0	250	17	<	<	<	10.0	-	-	50	6.7	<	14.4	4.20	59
631	873215	53	18	13	25	9	<	356	4.0	<	2.47	25	44.8	1.5	345	28	<	<	<	10.0	-	-	60	6.9	0.32	25.0	7.60	85
631	873216	39	21	10	20	8	<	262	2.0	<	2.05	30	64.6	1.7	380	26	<	<	<	10.0	-	-	70	7.0	0.41	30.0	8.40	94
631	873217	38	21	9	19	8	<	226	2.0	<	1.82	30	68.0	1.9	335	27	<	<	<	10.0	-	-	70	7.0	0.40	28.0	9.00	90
631	873218	43	22	11	24	9	<	296	2.0	<	2.21	25	65.8	1.7	350	27	<	<	<	10.0	-	-	80	7.1	0.45	34.0	10.00	103
631	873219	112	25	16	36	15	<	319	1.0	<	3.69	25	72.4	2.6	415	49	<	<	<	10.0	-	-	50	6.7	<	15.0	4.80	55
631	873220	57	26	12	31	10	<	299	3.0	<	2.70	30	63.0	2.1	600	33	<	<	<	10.0	-	-	60	6.8	0.27	25.0	8.60	84
631	873223	61	15	13	25	10	<	330	6.0	<	3.28	25	5.0	1.8	425	35	<	<	<	10.0	-	-	70	6.8	0.31	24.0	8.20	78
631	873224	50	15	12	24	10	<	331	7.0	<	3.11	35	4.2	1.9	420	36	<	<	<	10.0	-	-	60	6.8	0.33	24.0	8.00	77
631	873225	145	18	12	29	12	<	342	1.0	<	2.94	65	36.4	2.8	415	42	<	<	<	10.0	-	-	40	6.5	<	12.2	3.64	41
631	873226	140	15	8	13	7	<	288	1.0	<	1.22	45	59.8	1.5	250	28	<	<	<	10.0	-	-	30	6.3	<	5.2	2.08	17
631	873227	117	26	13	22	11	<	182	2.0	<	2.58	50	35.0	4.0	345	42	<	<	<	10.0	-	-	30	6.6	<	12.4	3.88	40
631	873228	109	25	12	26	12	<	273	1.0	<	2.68	30	42.0	2.4	420	46	<	<	<	10.0	-	-	30	6.5	<	7.6	3.24	27
631	873229	83	30	15	33	15	<	418	2.0	<	3.82	30	11.2	2.7	445	49	<	<	<	10.0	-	-	40	6.8	<	22.0	5.40	71
631	873230	97	25	14	35	15	<	472	2.0	<	3.98	40	12.6	3.0	475	50	<	<	<	10.0	-	-	40	6.8	<	22.0	5.20	70
631	873231	98	24	9	22	9	<	273	1.0	<	1.48	60	55.0	2.3	255	30	<	<	<	10.0	-	-	40	6.7	<	20.0	5.20	69
631	873232	78	18	8	18	4	<	165	1.0	<	0.99	70	65.0	2.6	215	25	<	<	<	10.0	-	-	40	6.8	<	16.6	5.60	60
631	873233	133	18	10	25	12	<	231	1.0	<	1.45	45	54.8	1.8	345	29	<	<	<	10.0	-	-	40	6.7	<	14.0	3.60	45
631	873234	138	10	5	13	4	<	137	1.0	<	0.50	50	79.4	0.7	50	11	<	<	<	10.0	-	-	40	6.6	<	13.6	4.40	46
631	873235	121	15	6	20	8	<	155	1.0	<	1.16	45	64.7	1.7	205	21	<	<	2	10.0	<4	2.50	40	6.6	<	13.8	3.72	45
631	873236	104	14	6	22	9	<	198	1.0	<	1.19	75	62.4	1.7	255	18	<	<	<	10.0	-	-	40	6.7	<	14.2	3.92	46
631	873237	20	22	6	17	5	<	142	1.0	<	1.24	30	73.4	2.9	180	18	<	<	<	10.0	-	-	40	6.8	<	19.4	6.00	69
631	873238	104	21	11	22	10	<	270	1.0	<	2.09	25	48.6	2.1	425	44	<	<	<	10.0	-	-	40	6.6	<	13.6	4.60	50
631	873239	100	20	8	17	7	<	146	1.0	<	1.38	40	59.2	2.4	265	30	<	<	<	10.0	-	-	40	6.6	<	12.2	3.40	41
631	873240	132	12	7	14	6	<	176	1.0	<	1.18	40	68.6	1.2	275	20	<	<	<	10.0	-	-	40	6.6	<	14.0	3.28	41
631	873242	127	27	16	38	13	<	441	2.0	<	3.45	70	26.0	3.2	360	47	<	<	<	10.0	-	-	50	6.8	<	18.2	4.40	57
631	873243	129	27	17	37	13	<	458	2.0	<	3.35	70	26.0	3.3	370	45	<	<	<	10.0	-	-	40	6.8	<	19.0	4.40	57
631	873244	80	19	10	27	12	<	618	3.0	<	3.23	25	11.0	2.7	375	37	<	<	<	10.0	-	-	40	6.8	<	18.6	4.40	57
631	873245	117	14	3	12	2	<	157	<	<	0.76	50	74.2	1.1	145	17	<	<	<	10.0	-	-	40	6.7	<	15.4	4.40	49
631	873246	127	31	15	38	3	<	319	1.0	<	3.06	70	30.0	4.5	350	48	<	<	<	10.0	-	-	40	6.8	<	19.4	4.20	56
631	873247	105	19	11	28	13	<	610	2.0	<	3.38	40	21.4	3.1	365	40	<	<	<	10.0	-	-	40	6.8	<	19.4	4.00	57
631	873248	40	12	7	14	12	<	247	1.0	<	1.73	25	4.2	1.5	290	24	<	<	<	10.0	2	10.0	40	6.8	<	19.6	4.20	56
631	873249	135	11	3	13	7	<	76	1.0	<	0.60	50	76.0	1.1	115	13	<	<	<	10.0	-	-	40	6.7	<	16.4	4.00	46
631	873250	137	28	9	29	10	<	242	1.0	<	2.06	100	41.2	3.9	265	33	<	<	<	10.0	-	-	40	6.6	<	17.4	3.68	48
631	873251	117	31	15	41	15	<	282	2.0	<	3.60	50	22.6	2.8	440	51	<	<	<	10.0	-	-	40	6.7	<	14.2	3.32	41
631	873252	122	9	5	13	4	<	111	<	<	0.92	35	68.8	0.8	170	19	<	<	<	10.0	-	-	30	6.7	<	13.2	3.56	40
631	873253	86	20	9	24	7	<	181	1.0	<	1.96	50	48.8	2.4	300	34	<	<	<	10.0	-	-	30	6.7	<	15.2	3.48	44
631	873254	103	10	4	14	3	<	89	<	<	0.88	40	68.8	1.2	180	15	<	<	<	10.0	-	-	40	6.8	<	20.0	4.60	64
631	873255	122	8	2	7	2	<	146	<	<	0.58	45	77.6	0.8	130	15	0.2	<	15	10.0	<4	2.50	20	6.3	<	6.2	1.32	17
631	873256	89	13	7	19	6	<	164	<	<	1.36	65	54.6	2.1	240	23	<	<	<	10.0	-	-	30	6.8	<	20.0	4.20	58

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873257	14	598471	6089055	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873258	14	597182	6084212	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873260	14	597995	6080848	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873262	14	597645	6078970	AGG	02	.25-1	2	10	Lw	-	GyBr	-
63I	873263	14	597633	6078957	AGG	02	.25-1	2	20	Lw	-	GyBr	-
63I	873264	14	595228	6080936	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873265	14	592376	6080315	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873266	14	592471	6078133	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873267	14	594086	6077238	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873268	14	595770	6076199	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873269	14	598046	6075155	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873270	14	595695	6073838	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873271	14	592191	6074053	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	873272	14	590457	6076233	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873273	14	588485	6074240	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	873274	14	590813	6070669	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	873275	14	588630	6068406	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873277	14	584663	6064654	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	873278	14	581073	6060257	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873279	14	587049	6057118	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873280	14	590265	6058130	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873282	14	592275	6058078	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873283	14	595647	6059294	AGG	02	>5	1	10	Lw	-	GyBr	-
63I	873284	14	595647	6059294	AGG	02	>5	1	20	Lw	-	GyBr	-
63I	873285	14	597575	6059232	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873286	14	602355	6059054	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	873287	14	621356	6059867	AGG	02	>5	2	00	Lw	-	Br	-
63I	873289	14	624315	6059190	AGG	02	>5	3	00	Lw	-	GyBr	-
63I	873290	14	632843	6059030	AGG	02	>5	3	00	Lw	-	Br	-
63I	873291	14	635520	6058988	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873292	14	638930	6059309	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873293	14	641929	6058735	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873294	14	644336	6061097	AGMV	02	.25-1	3	00	Lw	-	Br	-
63I	873295	14	644806	6059941	AGMV	02	.25-1	3	00	Lw	-	Br	-
63I	873296	14	645229	6058543	AGMV	02	.25-1	10	00	Lw	-	Br	-
63I	873297	14	650370	6062035	AGMV	02	.25-1	2	00	Lw	-	Br	Lgt
63I	873298	14	649917	6060178	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	873299	14	652119	6061120	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	873300	14	659078	6062562	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873302	14	663429	6064355	AGG	02	.25-1	3	10	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	873257	134	15	7	26	8	<	186	1.0	<	1.86	65	45.6	2.0	275	28	<	<	<	10.0	-	-	30	6.7	<	15.4	3.80	44
631	873258	151	7	3	8	3	<	109	1.0	<	0.53	45	76.6	0.7	155	14	0.2	<	<	10.0	-	-	30	6.5	<	9.6	2.08	27
631	873260	167	20	4	21	7	<	157	1.0	<	1.15	70	64.8	2.8	195	21	0.2	<	<	10.0	-	-	40	6.6	<	12.8	3.04	36
631	873262	109	19	5	17	6	<	213	1.0	<	1.50	50	61.2	1.8	230	27	<	<	<	10.0	-	-	40	6.4	<	8.8	1.96	23
631	873263	110	17	6	16	5	<	198	1.0	<	1.42	55	61.2	1.8	235	27	<	<	<	10.0	-	-	30	6.4	<	8.6	2.04	23
631	873264	111	16	4	17	4	<	119	1.0	<	0.94	95	70.0	2.1	210	15	<	<	<	10.0	-	-	30	6.6	<	12.0	3.12	36
631	873265	100	13	5	12	5	<	105	2.0	<	0.75	95	74.2	1.6	125	16	<	<	<	10.0	-	-	30	6.6	<	11.6	3.16	35
631	873266	132	8	3	9	3	<	169	1.0	<	0.72	45	72.8	1.1	170	16	<	<	1	10.0	-	-	30	6.4	<	7.4	2.52	24
631	873267	138	14	6	16	6	<	144	5.0	<	1.46	45	69.2	1.4	250	20	<	<	2	10.0	<4	2.50	30	6.4	<	8.6	2.24	25
631	873268	92	11	4	12	5	<	180	1.0	<	1.10	70	71.2	1.5	175	15	0.2	<	<	10.0	-	-	30	6.4	<	8.8	2.44	28
631	873269	127	19	9	29	10	<	211	1.0	<	2.28	55	42.4	2.3	390	28	<	<	<	10.0	-	-	30	6.6	<	12.6	3.24	37
631	873270	127	14	7	20	7	<	205	1.0	<	1.70	50	54.4	1.7	360	27	<	<	<	10.0	-	-	30	6.5	<	8.8	2.48	25
631	873271	145	15	10	26	9	<	189	1.0	<	1.80	55	45.6	2.0	390	32	<	<	2	10.0	<4	2.50	30	6.4	<	9.0	2.32	26
631	873272	95	10	3	10	4	<	210	1.0	<	3.80	45	74.6	1.1	175	21	<	<	2	10.0	<4	2.50	20	6.3	<	7.4	1.40	21
631	873273	121	21	10	26	10	<	286	1.0	<	2.35	30	46.4	2.4	590	39	<	<	<	10.0	-	-	20	6.4	<	8.6	1.96	26
631	873274	122	28	11	36	14	<	183	2.0	<	3.03	50	29.4	3.0	530	49	<	<	3	10.0	1	5.00	30	6.6	<	10.6	2.68	31
631	873275	95	6	2	6	2	<	207	1.0	<	0.43	45	85.8	0.5	90	<	<	<	1	10.0	<4	2.50	20	6.4	<	7.2	2.04	21
631	873277	113	34	12	45	15	<	284	8.0	<	3.70	25	11.6	2.9	445	45	<	0.2	5	10.0	-	-	50	6.7	0.12	19.4	6.40	61
631	873278	64	20	11	28	11	<	327	2.0	<	2.64	40	6.6	2.1	355	27	<	0.2	<	10.0	<4	2.50	50	6.7	0.25	23.0	8.40	82
631	873279	65	24	9	27	10	<	192	2.0	<	2.60	35	7.2	2.5	345	27	<	0.2	<	10.0	2	10.0	50	6.5	0.17	18.8	5.80	57
631	873280	105	38	12	42	12	<	230	3.0	<	3.34	50	19.8	3.6	450	42	<	0.2	<	10.0	-	-	50	6.5	0.27	18.4	5.40	56
631	873282	112	36	10	44	15	<	234	5.0	<	3.70	30	15.2	3.8	470	42	<	<	1	10.0	-	-	40	6.7	<	25.0	7.40	86
631	873283	127	27	10	34	11	<	222	2.0	<	2.78	40	27.6	4.6	360	34	<	<	<	10.0	-	-	40	6.6	<	15.8	3.92	49
631	873284	128	27	14	36	11	<	205	2.0	<	2.70	30	27.8	4.8	390	33	<	0.2	<	10.0	-	-	40	6.6	<	15.6	4.00	49
631	873285	135	23	10	36	11	<	195	2.0	<	2.67	45	28.4	5.0	370	32	<	0.2	30	10.0	2	5.00	40	6.5	<	16.2	4.00	50
631	873286	127	23	12	34	10	<	206	2.0	<	2.57	55	30.0	3.9	410	30	<	0.2	<	10.0	-	-	40	6.6	<	16.8	3.92	50
631	873287	114	13	6	17	7	<	308	1.0	<	1.55	50	46.6	4.4	280	13	<	<	<	10.0	-	-	40	6.7	<	20.0	4.20	60
631	873289	111	42	14	43	15	<	308	4.0	<	3.64	30	14.4	3.7	450	45	<	2.0	<	10.0	-	-	60	6.6	<	19.8	4.00	56
631	873290	45	9	3	9	3	<	136	1.0	<	0.96	30	30.4	2.0	230	9	<	<	<	10.0	-	-	50	6.7	<	19.6	4.00	59
631	873291	81	16	3	12	3	<	114	1.0	2	1.06	50	54.2	8.3	240	11	<	<	<	10.0	-	-	50	6.6	0.11	14.2	2.76	39
631	873292	104	23	6	17	5	<	127	1.0	2	1.26	35	65.2	3.4	200	15	<	<	<	10.0	-	-	50	6.7	<	22.0	4.40	67
631	873293	84	18	4	16	4	<	81	1.0	3	0.88	40	71.0	3.3	155	11	<	<	<	10.0	-	-	60	6.8	<	24.0	4.40	71
631	873294	142	14	5	14	6	<	104	<	2	1.02	25	64.6	1.5	215	11	0.2	<	1	10.0	-	-	50	6.6	<	13.2	3.00	39
631	873295	106	11	3	11	2	<	67	1.0	4	0.34	40	81.8	0.5	85	5	<	<	<	10.0	-	-	50	6.7	<	20.0	4.00	56
631	873296	140	38	9	46	11	<	196	1.0	<	1.91	120	53.0	3.1	270	22	<	0.2	4	10.0	-	-	50	7.0	<	28.0	5.40	83
631	873297	111	12	3	9	3	<	68	1.0	<	0.55	30	75.6	2.0	110	8	<	0.2	1	10.0	-	-	50	6.6	<	20.0	4.40	59
631	873298	111	14	3	12	2	<	72	<	<	0.69	25	75.8	1.2	130	9	0.3	<	<	10.0	-	-	40	6.8	<	20.0	4.00	60
631	873299	95	13	3	19	5	<	177	1.0	<	1.36	65	55.4	2.2	220	12	<	0.3	<	10.0	-	-	40	6.9	<	23.0	4.20	63
631	873300	122	9	2	7	2	<	76	1.0	<	0.46	50	81.8	0.8	70	6	0.6	<	<	10.0	-	-	40	6.8	<	20.0	4.00	60
631	873302	88	12	3	8	3	<	82	<	<	0.61	35	74.0	1.6	115	9	0.2	<	<	10.0	-	-	40	6.7	<	18.2	3.52	55

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873303	14	663429	6064355	AGG	02	.25-1	3	20	Lw	-	Br	-
63I	873304	14	668417	6067116	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873305	14	669583	6066760	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873306	14	670200	6069400	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873307	14	674056	6072028	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873309	14	675846	6075144	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873310	14	678279	6077920	AGMV	02	1-5	4	00	Lw	-	GyBr	-
63I	873311	14	678579	6079224	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873312	14	678763	6081266	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873313	14	677665	6083442	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873314	14	677462	6088975	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	873315	14	678383	6093369	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873316	14	677892	6095903	AGG	02	>5	3	00	Lw	-	Br	-
63I	873317	14	673963	6094924	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873318	14	673422	6090845	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873319	14	674103	6084697	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873320	14	675058	6082305	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	873322	14	675787	6079870	AGG	02	.25-1	3	10	Lw	-	Br	-
63I	873323	14	675787	6079870	AGG	02	.25-1	3	20	Lw	-	Br	-
63I	873324	14	675271	6076079	AGMV	02	1-5	11	00	Md	-	GyBr	-
63I	873325	14	672781	6074305	AGMV	02	1-5	5	00	Lw	-	GyBr	-
63I	873326	14	671128	6073450	AGMV	02	1-5	4	00	Lw	-	GyBr	-
63I	873328	14	670175	6071998	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873329	14	668490	6069973	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873330	14	663798	6066379	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873331	14	659666	6065842	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873332	14	656121	6065236	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873333	14	651514	6063337	AGMV	02	1-5	18	00	Md	-	GyBr	-
63I	873334	14	647742	6063146	AGMV	02	1-5	3	00	Lw	-	Br	-
63I	873335	14	645696	6063152	AGMV	02	1-5	3	00	Lw	-	TnBr	-
63I	873336	14	638741	6061335	AGG	02	.25-1	15	00	Lw	-	Br	-
63I	873337	14	635377	6061384	AGG	02	>5	3	00	Lw	-	GyBr	-
63I	873338	14	626548	6063355	AGG	02	>5	11	00	Lw	-	TnBr	-
63I	873339	14	622602	6063507	AGG	02	>5	4	00	Lw	-	GyBr	-
63I	873340	14	619961	6062285	AGG	02	>5	3	00	Lw	-	GyBr	-
63I	873342	14	617712	6063019	AGG	02	.25-1	20	00	Lw	-	GyBr	-
63I	873343	14	613815	6061596	AGG	02	.25-1	3	10	Lw	-	GyBr	-
63I	873344	14	613815	6061596	AGG	02	.25-1	3	20	Lw	-	GyBr	-
63I	873345	14	607572	6061094	AGG	02	>5	2	00	Lw	-	Gy	-
63I	873346	14	604252	6061883	AGG	02	>5	3	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	873303	80	12	4	9	3	<	86	<	<	0.67	30	73.4	1.9	125	9	0.3	<	<	10.0	-	-	40	6.7	<	18.4	3.60	56
63I	873304	167	5	2	4	2	<	93	2.0	<	0.19	35	88.2	0.5	50	<	0.3	<	<	10.0	-	-	40	6.6	<	12.4	2.52	34
63I	873305	121	9	3	10	3	<	105	4.0	2	0.23	35	74.4	0.9	110	10	<	<	<	10.0	-	-	40	6.6	<	13.4	2.68	38
63I	873306	112	13	8	18	5	<	133	2.0	<	0.63	60	57.6	1.7	205	11	<	<	<	10.0	-	-	40	6.8	<	18.6	3.80	55
63I	873307	132	10	8	19	5	<	128	1.0	<	1.37	45	47.6	1.5	200	11	<	0.4	<	10.0	-	-	40	6.9	<	25.0	4.80	73
63I	873309	88	20	4	17	4	<	92	1.0	4	1.05	60	57.2	6.7	200	13	<	0.2	<	10.0	-	-	50	6.8	<	21.0	4.60	64
63I	873310	114	20	11	28	10	<	412	2.0	<	2.76	80	30.2	2.6	270	30	<	0.3	<	10.0	-	-	50	6.8	<	21.0	3.88	60
63I	873311	112	22	4	16	4	<	62	<	2	0.78	60	64.8	2.0	145	5	0.3	<	<	10.0	-	-	40	6.8	<	21.0	3.72	61
63I	873312	105	11	4	11	3	<	77	1.0	<	0.73	45	73.6	1.3	120	6	0.2	<	<	10.0	-	-	50	6.8	<	19.6	3.52	56
63I	873313	114	11	3	9	3	<	66	<	<	0.77	40	70.0	1.0	135	8	<	<	<	10.0	-	-	50	6.7	<	17.8	2.96	52
63I	873314	109	11	17	13	4	<	82	2.0	<	1.09	60	62.6	1.7	160	12	0.5	0.2	<	10.0	-	-	40	6.5	<	11.2	2.00	31
63I	873315	133	12	10	18	6	<	155	1.0	<	1.47	65	52.0	2.3	200	13	0.2	0.2	<	10.0	-	-	40	6.6	<	14.0	2.56	39
63I	873316	100	10	8	14	4	<	104	1.0	<	1.23	45	53.2	1.7	190	12	<	<	<	10.0	-	-	40	6.7	<	17.2	3.04	51
63I	873317	98	5	2	3	<	<	59	<	4	0.24	35	87.2	8.1	75	<	0.5	<	<	10.0	-	-	50	6.8	<	23.0	4.80	70
63I	873318	99	6	3	4	<	<	115	<	<	0.40	40	87.6	0.8	75	5	0.3	<	<	10.0	-	-	40	6.5	<	9.0	2.04	25
63I	873319	143	10	5	11	4	<	69	<	<	0.67	55	69.0	0.8	120	<	0.4	<	<	10.0	-	-	40	6.7	<	17.2	3.28	51
63I	873320	135	9	4	10	3	<	82	<	<	0.59	25	78.4	1.2	95	9	0.6	<	<	10.0	-	-	40	6.7	<	15.2	2.48	44
63I	873322	116	19	7	21	5	<	87	2.0	4	1.17	50	64.0	4.5	175	12	0.2	0.2	<	10.0	-	-	50	6.9	<	27.0	4.80	73
63I	873323	119	20	8	20	5	<	89	2.0	3	1.22	50	63.6	4.4	155	13	0.3	0.2	<	10.0	-	-	40	6.8	<	26.0	4.60	73
63I	873324	140	28	15	18	11	<	222	2.0	<	2.31	120	36.6	3.3	250	17	<	0.2	4	10.0	<4	2.50	40	6.8	<	21.0	4.00	61
63I	873325	93	15	9	21	7	<	230	2.0	<	2.19	60	23.4	2.1	315	20	<	<	3	10.0	<	10.0	40	6.8	<	22.0	4.00	62
63I	873326	83	19	7	22	6	<	85	1.0	<	1.22	40	32.0	1.9	255	13	<	<	<	10.0	-	-	40	6.8	<	21.0	4.20	65
63I	873328	117	17	7	19	6	<	117	2.0	2	1.37	40	58.6	2.2	250	15	0.3	0.2	<	10.0	-	-	50	6.9	<	23.0	4.40	69
63I	873329	107	15	5	12	3	<	68	<	<	0.56	30	73.4	2.6	140	9	0.3	<	<	10.0	-	-	30	6.8	<	18.6	3.32	53
63I	873330	93	9	6	14	3	<	128	1.0	<	0.82	60	67.0	0.9	150	7	0.3	<	<	10.0	-	-	30	6.8	<	20.0	3.80	59
63I	873331	102	13	5	13	3	<	69	1.0	<	0.63	40	69.6	1.2	125	10	0.2	<	8	10.0	-	-	30	6.7	<	20.0	3.80	56
63I	873332	97	26	8	32	9	<	159	1.0	<	1.77	50	35.2	2.3	270	21	<	<	<	10.0	-	-	40	6.8	<	21.0	4.00	63
63I	873333	115	34	14	32	10	<	243	2.0	<	1.82	95	34.6	2.6	275	29	<	0.3	<	10.0	-	-	40	6.8	<	22.0	3.92	63
63I	873334	94	12	9	17	5	<	105	1.0	<	1.34	30	64.0	1.4	225	16	<	<	<	10.0	-	-	30	6.5	<	11.0	2.64	33
63I	873335	95	12	10	14	4	<	76	<	<	0.95	40	69.0	1.4	185	10	<	0.2	<	10.0	-	-	30	6.5	<	11.0	2.76	34
63I	873336	120	29	8	17	5	<	199	<	<	1.19	80	69.4	4.7	210	6	<	0.2	<	10.0	-	-	40	7.3	0.06	31.0	5.40	94
63I	873337	23	5	3	6	2	<	69	<	<	0.66	20	4.6	1.1	180	17	0.4	<	<	10.0	<	10.0	40	6.7	<	20.0	4.20	62
63I	873338	108	22	11	19	6	<	149	2.0	<	1.36	60	53.6	5.2	300	18	<	0.4	<	10.0	-	-	40	6.7	<	18.6	4.00	59
63I	873339	92	18	8	23	5	<	127	<	<	1.40	<	46.2	3.8	240	25	<	0.2	2	10.0	<2	5.00	40	6.7	<	17.4	3.92	55
63I	873340	112	15	10	31	5	<	129	1.0	<	1.76	60	43.0	2.7	315	25	<	0.2	<	10.0	-	-	40	6.6	<	15.8	3.68	51
63I	873342	103	27	19	31	10	<	323	3.0	<	2.50	80	27.8	2.7	385	18	<	0.2	2	10.0	-	-	60	6.8	<	20.0	4.80	66
63I	873343	130	25	12	35	11	<	138	1.0	<	2.19	50	41.2	4.6	315	25	<	0.2	<	10.0	<2	5.00	60	6.8	0.06	20.0	4.80	65
63I	873344	135	24	10	33	10	<	162	1.0	<	2.07	50	42.2	4.6	330	22	<	0.2	<	10.0	-	-	60	6.8	<	20.0	5.00	65
63I	873345	121	25	13	37	11	<	179	1.0	<	1.93	60	32.8	5.2	305	28	<	0.2	<	10.0	-	-	60	6.7	<	19.6	5.00	63
63I	873346	117	24	13	36	11	<	183	1.0	<	1.08	65	32.0	4.0	375	31	<	0.2	<	10.0	-	-	50	6.5	<	14.2	3.48	45

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
63I	873347	14	602253	6062551	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873348	14	594246	6060389	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	873349	14	580554	6056993	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	873350	14	585323	6060291	AGG	02	>5	1	00	Lw	-	Br	-
63I	873351	14	586675	6063680	AGS	02	>5	3	00	Lw	-	Gy	-
63I	873352	14	590555	6066666	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	873353	14	595246	6069401	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873354	14	597082	6071318	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873355	14	601574	6074382	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873356	14	601884	6077058	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873357	14	602004	6079396	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873359	14	606648	6081176	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873360	14	607716	6083212	AGG	02	1-5	1	00	Lw	-	Br	-
63I	873362	14	609944	6086195	AGG	02	1-5	2	10	Lw	-	GyBr	-
63I	873363	14	609956	6086196	AGG	02	1-5	2	20	Lw	-	GyBr	-
63I	873364	14	611393	6086176	AGG	02	1-5	2	00	Lw	-	GyBr	-
63I	873365	14	616327	6087422	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873366	14	619880	6090317	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873367	14	625217	6094002	AGG	02	.25-1	2	00	Md	-	Br	-
63I	873368	14	626857	6095586	AGG	02	>5	2	00	Lw	-	Br	-
63I	873369	14	626923	6092450	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873370	14	622715	6090441	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873371	14	619128	6087443	AGG	02	>5	2	00	Lw	-	TnBr	-
63I	873372	14	615566	6085189	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873373	14	612076	6084503	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873374	14	609230	6081117	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873375	14	606698	6078712	AGG	02	.25-1	5	00	Lw	-	GyBr	-
63I	873376	14	604760	6074483	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873378	14	603392	6072313	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	873379	14	585975	6057866	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873380	14	599230	6062826	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	873382	14	602070	6063560	AGG	02	>5	3	10	Lw	-	GyBr	-
63I	873383	14	602082	6063574	AGG	02	>5	3	20	Lw	-	GyBr	-
63I	873384	14	613411	6064890	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873385	14	619798	6065742	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873386	14	623191	6066481	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873387	14	627688	6066221	AGG	02	>5	5	00	Lw	-	GyBr	-
63I	873388	14	631752	6064963	AGG	02	>5	6	00	Lw	-	Br	-
63I	873389	14	638616	6063611	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	873390	14	639516	6063828	AGMV	02	.25-1	6	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	873347	130	13	6	10	3	<	113	<	<	0.54	25	77.0	1.2	90	7	0.2	<	<	10.0	-	-	40	6.5	<	9.8	3.40	33
631	873348	138	26	14	37	12	<	199	1.0	<	2.72	45	29.0	5.1	375	34	<	0.2	<	10.0	-	-	50	6.6	<	15.0	3.68	49
631	873349	101	28	14	38	13	<	288	2.0	<	3.16	45	28.4	5.1	390	41	<	0.2	<	10.0	-	-	50	6.9	0.18	28.0	8.60	103
631	873350	106	33	11	51	10	<	156	2.0	<	2.53	50	32.4	5.3	310	26	<	0.3	2	10.0	<4	2.50	90	6.8	0.23	25.0	9.00	90
631	873351	116	34	16	36	17	0.4	271	12.0	<	3.91	40	9.2	3.2	460	43	<	0.4	1	10.0	1	10.0	60	6.6	0.13	19.0	5.60	59
631	873352	121	37	15	49	14	<	234	5.0	<	3.87	35	14.8	3.6	450	48	<	0.3	<	10.0	-	-	60	6.6	0.15	17.2	4.80	53
631	873353	115	36	13	45	13	<	219	3.0	<	3.38	35	20.0	3.6	355	44	<	0.3	4	10.0	<4	2.50	50	6.5	0.20	16.6	4.00	48
631	873354	102	30	14	38	11	<	185	2.0	<	2.83	40	25.2	3.6	360	33	<	0.2	3	10.0	<4	2.50	40	6.6	<	13.2	4.00	45
631	873355	122	18	6	17	6	<	228	<	<	1.45	50	63.6	1.6	240	18	<	<	<	10.0	-	-	30	6.5	<	10.4	2.44	33
631	873356	122	11	7	18	6	<	220	1.0	<	1.36	60	60.2	1.7	245	11	<	<	<	10.0	-	-	30	6.6	<	9.6	2.68	30
631	873357	114	19	8	33	11	<	244	1.0	<	2.78	55	34.8	2.5	405	30	<	<	<	10.0	-	-	30	6.6	<	10.6	2.72	32
631	873359	146	16	12	28	7	<	218	1.0	<	1.79	60	46.2	2.1	295	23	0.2	<	4	10.0	<4	2.50	60	6.8	<	15.6	3.80	51
631	873360	92	14	7	20	5	<	141	1.0	<	1.30	45	52.4	2.0	220	14	<	<	<	10.0	-	-	50	6.8	<	16.6	4.00	53
631	873362	102	13	7	16	6	<	141	<	<	1.40	45	54.8	2.4	220	16	<	<	5	10.0	<	10.0	50	6.4	<	10.2	2.44	32
631	873363	110	13	8	18	6	<	140	<	<	1.51	30	54.2	2.3	200	17	<	<	<	10.0	<4	2.50	40	6.5	<	9.8	2.56	32
631	873364	99	12	7	14	5	<	135	<	<	1.22	40	66.8	2.1	210	13	<	<	<	10.0	-	-	30	6.4	<	9.6	2.36	30
631	873365	105	19	9	24	7	<	198	1.0	<	1.90	30	57.2	3.2	170	23	<	0.3	<	10.0	-	-	40	6.6	<	13.6	2.84	41
631	873366	110	14	7	15	5	<	108	<	<	1.03	35	66.8	2.2	230	13	0.2	<	<	10.0	-	-	40	6.6	<	15.4	4.80	53
631	873367	96	22	11	27	8	<	178	1.0	<	1.78	90	46.0	5.5	250	19	<	<	<	10.0	-	-	70	6.9	<	25.0	6.60	83
631	873368	97	15	10	24	7	<	118	<	<	1.66	40	48.8	2.1	270	19	<	0.4	<	10.0	-	-	50	6.6	<	15.8	4.40	52
631	873369	130	12	7	16	6	<	110	<	<	1.04	40	61.0	2.0	205	12	<	0.3	<	10.0	-	-	40	6.6	<	12.0	3.52	36
631	873370	93	16	6	18	6	0.2	118	<	<	1.35	70	80.4	0.8	170	5	<	<	2	10.0	-	-	40	6.7	<	15.4	4.40	48
631	873371	100	6	8	8	3	<	165	<	<	0.80	35	60.8	2.7	240	17	0.2	0.3	<	10.0	-	-	40	6.6	<	15.8	4.60	54
631	873372	105	18	9	21	7	<	168	<	<	1.70	25	57.8	4.0	245	24	<	0.2	2	10.0	4	2.50	30	6.6	<	14.4	2.88	41
631	873373	99	12	7	16	5	<	171	<	<	1.19	45	69.2	2.3	180	12	<	0.2	<	10.0	-	-	30	6.5	<	11.4	3.44	39
631	873374	126	10	7	16	4	<	155	<	<	1.03	70	71.0	1.8	180	10	<	<	<	10.0	-	-	30	6.6	<	11.4	3.28	37
631	873375	113	20	11	28	9	<	180	1.0	<	2.32	65	45.6	3.4	460	28	<	0.4	4	10.0	-	-	30	6.7	<	14.2	3.64	46
631	873376	132	34	17	55	18	<	268	9.0	<	3.09	25	11.6	3.8	300	49	<	0.5	2	10.0	2	10.0	30	6.7	<	14.6	3.80	47
631	873378	122	36	14	48	15	<	296	5.0	<	3.91	35	16.4	3.4	440	52	<	0.3	1	10.0	-	-	50	6.5	<	16.6	3.84	50
631	873379	22	5	6	8	3	<	66	2.0	<	0.84	15	2.8	1.6	185	10	<	0.2	17	10.0	<	10.0	60	6.5	0.23	18.4	5.80	57
631	873380	101	38	12	40	10	<	170	2.0	<	2.38	40	35.4	6.1	345	37	<	0.3	<	10.0	-	-	50	6.6	<	16.4	5.00	53
631	873382	107	32	12	34	3	<	148	2.0	<	1.86	60	38.4	7.2	265	39	<	0.3	<	10.0	-	-	60	6.5	0.09	17.0	5.00	55
631	873383	113	34	12	34	10	<	118	2.0	<	2.06	50	37.6	6.7	350	39	<	0.3	<	10.0	-	-	60	6.5	<	17.4	5.00	55
631	873384	117	11	6	14	5	<	138	1.0	<	0.84	35	74.2	2.1	125	15	<	<	2	10.0	<4	2.50	60	6.6	<	14.6	4.00	47
631	873385	117	24	10	30	10	<	167	1.0	<	1.71	35	43.8	4.0	210	29	<	0.2	3	10.0	<4	2.50	60	6.8	<	21.0	5.00	68
631	873386	117	8	6	12	4	<	96	<	<	0.78	35	71.2	1.1	145	10	<	<	2	10.0	-	-	50	6.6	<	13.6	3.96	43
631	873387	83	26	9	26	10	<	219	3.0	<	2.40	25	15.8	4.0	295	32	<	0.2	<	10.0	-	-	50	6.7	0.07	19.0	4.20	60
631	873388	88	18	9	19	8	<	89	2.0	<	0.90	30	31.6	4.4	245	31	<	0.2	2	10.0	<	10.0	40	6.7	0.07	19.4	4.00	60
631	873389	79	21	5	19	6	<	224	1.0	<	1.63	75	61.4	5.8	195	14	<	0.2	<	10.0	-	-	80	6.9	<	26.0	6.00	85
631	873390	136	32	8	23	10	<	143	1.0	<	1.42	50	55.2	3.9	250	27	<	0.2	<	10.0	-	-	50	6.7	<	20.0	4.20	62

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
63I	873391	14	642166	6064402	AGMV	02	.25-1	5	00	Lw	-	Br	-
63I	873393	14	643404	6063700	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873394	14	644509	6064727	AGMV	02	.25-1	4	00	Lw	-	Br	-
63I	873395	14	648704	6065000	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873396	14	649075	6066097	AGMV	02	.25-1	2	00	Lw	-	Br	-
63I	873397	14	652488	6065502	AGMV	02	.25-1	3	00	Lw	-	Br	-
63I	873398	14	654430	6066427	AGMV	02	.25-1	4	00	Lw	-	GyBr	-
63I	873399	14	656453	6067240	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873400	14	659014	6067968	AGMV	02	1-5	18	00	Lw	-	GyBr	-
63I	873402	14	661245	6069420	AGMV	02	1-5	12	10	Md	-	GyBr	-
63I	873403	14	661245	6069420	AGMV	02	1-5	12	20	Md	-	GyBr	-
63I	873404	14	668126	6071768	AGMV	02	.25-1	2	00	Md	-	GyBr	-
63I	873405	14	668278	6074266	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873406	14	671014	6076077	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873408	14	670452	6079948	AGMV	02	1-5	3	00	Lw	-	GyBr	-
63I	873409	14	670789	6085219	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873410	14	673109	6086363	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	873411	14	672557	6088252	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873412	14	670303	6089367	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873413	14	669056	6094226	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873414	14	666940	6094540	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873415	14	666224	6090676	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873416	14	668200	6084400	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873417	14	666469	6081966	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873418	14	666888	6079207	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873419	14	668296	6078093	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873420	14	663141	6076685	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873423	14	663294	6074022	AGG	02	.25-1	2	10	Lw	-	Br	-
63I	873424	14	663294	6074022	AGG	02	.25-1	2	20	Lw	-	Br	-
63I	873425	14	659716	6073027	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873426	14	659956	6070863	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873427	14	657210	6069567	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873428	14	653084	6068605	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	873429	14	646473	6066624	AGMV	02	.25-1	4	00	Lw	-	Br	-
63I	873430	14	642246	6065772	AGMV	02	.25-1	3	00	Lw	-	GyBr	-
63I	873431	14	639405	6066366	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873432	14	635638	6067078	AGG	02	>5	6	00	Lw	-	GyBr	-
63I	873433	14	628498	6069085	AGG	02	>5	4	00	Lw	-	GyBr	-
63I	873434	14	624526	6069394	AGG	02	.25-1	2	00	Md	-	Br	-
63I	873435	14	618029	6066840	AGG	02	.25-1	3	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	873391	147	26	8	24	10	<	140	1.0	<	1.62	40	49.2	3.2	310	25	<	0.2	<	10.0	-	-	50	6.7	<	20.0	4.00	60
63I	873393	115	16	5	14	3	<	61	1.0	<	0.69	50	70.2	2.5	130	10	0.2	<	<	10.0	-	-	80	6.8	<	29.0	5.80	81
63I	873394	116	27	8	24	8	<	124	1.0	<	1.63	65	50.2	2.8	250	27	<	<	<	10.0	-	-	60	6.7	<	19.4	4.00	59
63I	873395	98	14	5	10	4	<	71	1.0	<	0.61	35	72.0	1.8	150	9	0.2	<	<	10.0	-	-	40	6.7	<	18.4	3.88	55
63I	873396	170	8	4	6	2	<	76	1.0	<	0.47	50	79.8	0.8	85	5	0.4	<	<	10.0	-	-	50	6.7	0.07	16.2	3.28	45
63I	873397	112	13	4	12	5	<	70	1.0	<	0.53	40	77.4	1.4	100	10	<	<	<	10.0	-	-	50	7.0	<	25.0	4.80	74
63I	873398	77	21	8	21	9	<	164	3.0	<	1.73	55	8.2	2.1	395	28	<	0.2	<	10.0	<	10.0	50	7.0	<	27.0	5.20	79
63I	873399	134	23	5	20	6	<	85	3.0	2	0.88	65	66.8	2.5	185	16	0.3	0.2	<	10.0	-	-	40	6.7	<	16.6	2.88	44
63I	873400	143	30	20	29	10	<	303	2.0	<	2.83	95	35.2	3.2	340	44	0.3	0.2	<	10.0	-	-	40	6.9	<	23.0	3.92	63
63I	873402	146	26	13	25	10	<	323	<	2	2.40	75	36.6	3.0	280	44	0.3	<	<	10.0	-	-	60	6.7	<	21.0	4.00	62
63I	873403	152	28	14	28	10	<	300	<	2	2.36	70	37.0	2.7	290	45	0.3	<	<	10.0	-	-	50	6.8	<	21.0	3.88	62
63I	873404	78	31	4	14	5	<	104	<	5	1.07	40	63.2	3.9	160	23	0.2	<	<	10.0	-	-	80	6.8	0.14	25.0	6.20	78
63I	873405	127	10	5	8	4	<	130	<	3	0.66	25	68.6	1.4	175	19	0.4	<	<	10.0	-	-	60	6.8	<	19.0	3.92	58
63I	873406	124	17	5	15	4	<	78	<	4	0.78	45	60.0	1.7	120	16	0.5	<	<	10.0	-	-	50	6.8	<	20.0	4.40	62
63I	873408	143	11	6	12	5	<	116	<	<	1.00	35	51.0	1.7	220	10	0.3	<	<	10.0	-	-	60	6.7	<	15.6	3.04	46
63I	873409	116	7	4	6	3	<	80	<	<	0.38	50	72.4	2.0	120	11	0.5	<	<	10.0	-	-	60	6.8	<	16.2	3.20	46
63I	873410	113	10	4	10	4	<	80	<	<	0.93	25	55.7	1.7	200	22	0.3	<	<	10.0	-	-	50	6.6	0.52	15.4	3.20	45
63I	873411	163	6	2	3	2	<	75	<	<	0.27	40	82.0	1.1	90	10	0.5	<	<	10.0	-	-	50	6.6	<	12.6	2.88	37
63I	873412	124	11	7	11	5	<	93	<	<	0.77	45	55.2	1.7	185	21	0.5	<	<	10.0	-	-	50	6.7	<	15.4	3.44	47
63I	873413	140	7	5	6	3	<	66	<	<	0.60	45	63.2	1.5	135	5	0.5	<	<	10.0	-	-	50	6.7	<	15.2	3.08	45
63I	873414	114	9	5	6	4	<	73	<	<	0.73	30	71.4	2.7	125	6	0.5	<	<	10.0	-	-	50	6.6	<	15.0	2.92	44
63I	873415	84	8	6	7	3	<	70	<	<	0.65	40	46.4	1.8	160	6	0.4	<	<	10.0	-	-	70	6.8	<	19.2	3.88	59
63I	873416	140	8	3	8	4	<	66	<	<	0.32	45	73.4	1.4	105	<	0.4	<	<	10.0	-	-	30	6.7	<	14.6	3.00	40
63I	873417	115	7	4	5	3	<	73	<	<	0.33	50	75.6	1.2	115	<	0.5	<	<	10.0	-	-	50	6.8	<	18.4	4.00	56
63I	873418	114	10	6	7	3	<	76	<	<	0.40	40	71.0	1.5	130	7	0.6	<	<	10.0	-	-	40	6.6	<	13.6	3.24	39
63I	873419	148	65	3	2	2	<	137	<	<	0.42	35	78.0	1.1	100	7	0.4	<	<	10.0	-	-	40	6.7	<	16.8	3.68	51
63I	873420	175	6	2	4	3	<	104	<	<	0.27	25	81.0	0.5	70	6	0.6	<	<	10.0	-	-	30	6.5	<	9.0	2.04	26
63I	873423	186	8	5	7	4	<	138	<	<	0.52	25	69.4	1.2	155	15	0.4	<	<	10.0	-	-	40	6.5	<	12.4	2.20	32
63I	873424	182	8	3	6	4	<	135	<	<	0.50	20	68.6	1.1	135	12	0.4	<	<	10.0	-	-	40	6.5	<	12.0	2.12	32
63I	873425	126	8	3	7	3	<	60	<	<	0.53	30	65.6	0.9	140	12	0.3	<	<	10.0	-	-	60	6.6	<	12.0	2.56	37
63I	873426	130	9	5	10	4	<	106	<	<	0.53	50	65.6	1.2	200	15	0.4	<	<	10.0	-	-	50	6.6	<	14.4	2.84	43
63I	873427	184	11	2	10	4	<	67	<	3	0.42	30	75.4	0.8	125	12	0.4	<	<	7.50	-	-	50	6.7	<	19.4	3.52	57
63I	873428	132	9	4	7	3	<	66	<	<	0.73	30	63.2	1.0	145	14	0.5	<	<	10.0	-	-	50	6.6	<	16.2	3.20	49
63I	873429	154	10	7	14	6	<	172	<	<	0.83	60	61.6	1.3	190	15	0.3	<	<	10.0	-	-	80	6.9	<	25.0	4.80	70
63I	873430	144	17	9	24	10	<	168	<	<	1.73	45	44.4	2.5	260	31	0.4	<	<	10.0	-	-	80	6.7	<	23.0	4.60	66
63I	873431	114	14	8	18	7	<	78	<	<	0.72	50	58.6	2.6	225	21	0.3	<	<	10.0	-	-	70	6.7	<	14.6	4.40	48
63I	873432	59	12	8	13	5	<	196	1.0	<	1.78	20	19.0	3.3	280	22	<	<	<	10.0	-	-	60	6.7	<	18.8	4.00	60
63I	873433	87	21	8	19	7	<	241	1.0	<	1.98	40	29.8	4.2	310	32	0.3	<	<	10.0	-	-	60	6.7	<	19.2	4.00	60
63I	873434	131	15	6	20	6	<	141	<	2	0.82	35	56.6	5.1	225	21	0.4	<	<	10.0	-	-	70	6.7	<	15.4	4.40	50
63I	873435	121	6	4	4	3	<	174	<	<	0.37	40	78.8	0.7	105	14	0.2	<	<	10.0	-	-	50	6.3	<	9.2	2.08	24

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873436	14	609144	6067468	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873437	14	605072	6065529	AGG	02	>5	1	00	Lw	-	Br	Hvy
63I	873438	14	592055	6062848	AGG	02	>5	5	00	Lw	-	Gy	-
63I	873439	14	601681	6068278	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873440	14	603917	6071071	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	873442	14	607108	6075863	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873443	14	609488	6078103	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873444	14	611722	6080368	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	873445	14	619074	6086055	AGG	02	1-5	2	10	Lw	-	GyBr	-
63I	873446	14	619075	6086042	AGG	02	1-5	2	20	Lw	-	GyBr	-
63I	873447	14	620331	6083466	AGG	02	1-5	1	00	Lw	-	Br	-
63I	873448	14	623061	6084539	AGG	02	1-5	1	00	Lw	-	GyBr	-
63I	873449	14	627631	6086404	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873450	14	630129	6088287	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873451	14	632077	6091112	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873452	14	634181	6090956	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873453	14	633422	6096147	AGG	02	1-5	4	00	Lw	-	Br	-
63I	873454	14	638191	6093877	AGG	02	1-5	2	00	Md	-	GyBr	-
63I	873455	14	637106	6090315	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873457	14	635453	6089029	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873458	14	630371	6083582	AGG	02	>5	2	00	Lw	-	Gy	-
63I	873459	14	626231	6083527	AGMV	02	>5	1	00	Lw	-	Br	-
63I	873460	14	624610	6082808	AGMV	02	>5	1	00	Lw	-	Gy	-
63I	873462	14	620196	6081738	AGMV	02	>5	1	10	Lw	-	GyBr	-
63I	873463	14	620196	6081738	AGMV	02	>5	1	20	Lw	-	GyBr	-
63I	873464	14	595377	6064049	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873465	14	604617	6070307	AGG	02	>5	3	00	Lw	-	Gy	-
63I	873467	14	608158	6072744	AGMV	02	>5	2	00	Lw	-	GyBr	-
63I	873468	14	612521	6077639	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873469	14	614757	6078951	AGMV	02	>5	1	00	Lw	-	GyBr	-
63I	873470	14	618058	6079769	AGMV	02	>5	1	00	Lw	-	GyBr	-
63I	873471	14	622450	6078843	AGMV	02	>5	2	00	Lw	-	GyBr	-
63I	873472	14	625666	6080001	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873473	14	630391	6081377	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873474	14	634115	6083561	AGMV	02	>5	1	00	Lw	-	GyBr	-
63I	873475	14	638365	6088267	AGG	02	>5	1	00	Lw	-	GyBr	Hvy
63I	873476	14	641486	6092617	AGG	02	1-5	2	00	Lw	-	Br	-
63I	873477	14	641207	6095821	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873478	14	645738	6096102	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873479	14	641507	6089491	AGG	02	>5	1	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	873436	94	28	8	28	9	<	163	1.0	<	2.16	40	37.6	3.4	275	37	<	<	<	10.0	-	-	70	6.5	<	14.4	3.68	49
631	873437	101	31	9	27	8	<	108	1.0	<	1.59	45	42.0	5.7	295	28	<	<	<	10.0	-	-	70	6.4	<	17.4	5.60	48
631	873438	117	35	15	43	15	<	291	8.0	<	4.70	40	13.4	3.5	395	58	<	<	<	10.0	-	-	70	6.5	0.07	16.4	4.60	51
631	873439	106	35	10	33	11	<	185	2.0	<	3.42	30	27.4	3.5	315	46	<	<	1	10.0	-	-	70	6.6	0.06	16.4	4.20	51
631	873440	113	33	13	38	13	<	258	3.0	<	4.10	25	16.8	3.4	400	49	<	<	<	10.0	<2	5.00	60	6.5	<	16.6	3.88	47
631	873442	122	30	10	34	13	<	193	2.0	<	3.04	35	30.6	3.9	310	45	<	<	<	10.0	-	-	70	6.5	<	13.4	3.68	42
631	873443	120	23	10	30	10	<	175	1.0	<	2.33	40	35.8	3.5	260	40	<	<	<	10.0	-	-	60	6.6	<	14.4	4.40	48
631	873444	106	13	6	18	6	<	152	<	<	0.77	45	60.0	2.3	245	23	<	<	<	10.0	-	-	50	6.5	<	12.4	3.60	41
631	873445	102	12	4	13	4	<	87	<	<	0.65	30	67.2	1.9	185	19	<	<	<	10.0	-	-	80	6.5	<	13.6	4.40	48
631	873446	106	12	5	13	4	<	94	<	<	0.64	25	66.8	2.1	205	17	<	<	<	7.50	-	-	70	6.6	<	13.4	4.40	47
631	873447	125	15	10	26	9	<	113	1.0	<	2.07	30	36.2	2.7	320	35	<	<	<	10.0	-	-	60	6.6	<	13.6	3.84	41
631	873448	114	21	10	28	10	<	178	1.0	<	2.29	35	34.4	2.6	365	38	<	<	<	10.0	-	-	60	6.4	<	12.0	3.84	40
631	873449	107	34	16	45	15	<	385	2.0	<	3.79	20	5.6	3.0	575	58	<	<	<	10.0	1	10.0	70	6.5	0.10	17.8	4.00	56
631	873450	89	22	10	29	11	<	189	2.0	<	3.33	25	18.8	2.8	345	40	<	<	<	10.0	-	-	90	6.8	<	27.0	6.80	82
631	873451	82	21	11	26	10	<	139	1.0	<	2.55	30	28.6	2.4	395	35	<	<	<	10.0	-	-	70	6.7	<	16.0	4.60	50
631	873452	83	20	9	25	9	<	149	1.0	<	2.60	40	25.2	2.6	340	32	<	<	<	10.0	-	-	80	6.8	<	25.0	6.00	77
631	873453	134	20	11	27	9	<	239	1.0	<	2.21	65	42.6	3.2	365	32	0.2	<	<	10.0	-	-	70	6.8	<	23.0	4.60	66
631	873454	98	19	5	17	6	<	117	<	<	0.99	30	60.4	4.0	250	28	<	<	<	10.0	-	-	70	6.8	<	28.0	5.80	83
631	873455	81	6	3	5	2	<	151	<	<	0.38	45	81.2	3.4	115	8	<	<	<	10.0	-	-	50	6.5	<	9.4	3.24	31
631	873457	135	11	3	9	5	<	102	<	<	0.68	25	70.4	2.2	170	10	0.2	<	<	10.0	-	-	80	6.6	<	13.0	3.80	41
631	873458	101	24	16	34	11	<	188	2.0	<	3.36	50	28.0	3.1	165	45	<	<	<	10.0	-	-	70	6.7	<	22.0	4.00	65
631	873459	87	21	10	26	10	<	184	1.0	<	2.98	25	19.6	2.5	365	27	<	<	<	10.0	-	-	70	6.6	0.10	19.0	4.60	59
631	873460	110	29	12	34	11	<	203	2.0	<	3.62	35	23.0	3.6	245	41	<	<	<	10.0	-	-	60	6.5	0.05	17.4	4.20	54
631	873462	79	22	8	27	10	<	162	1.0	<	3.13	15	18.0	3.2	345	35	<	<	<	10.0	-	-	70	6.4	0.63	15.0	3.80	47
631	873463	80	26	10	29	10	<	174	1.0	<	3.14	20	19.0	3.6	325	37	<	<	<	10.0	-	-	60	6.4	0.37	15.2	3.36	47
631	873464	118	38	12	40	12	<	217	3.0	<	4.00	25	21.2	4.0	435	49	<	<	<	10.0	-	-	60	6.5	0.32	15.6	4.20	49
631	873465	105	31	16	46	16	<	479	3.0	<	3.83	20	6.4	2.8	465	56	<	<	<	10.0	1	10.0	60	6.5	0.11	16.4	3.72	51
631	873467	77	24	8	28	10	<	167	3.0	<	3.06	25	14.4	3.0	355	33	<	<	<	10.0	-	-	60	6.5	0.11	16.0	3.60	51
631	873468	124	35	14	41	14	<	223	2.0	<	4.17	30	22.6	4.7	425	52	<	<	<	10.0	-	-	60	6.5	0.21	16.2	4.00	53
631	873469	123	31	12	37	12	<	217	2.0	<	3.69	35	24.8	4.4	355	48	<	<	<	10.0	-	-	90	6.7	<	25.0	6.20	78
631	873470	64	18	7	22	8	<	147	1.0	<	2.56	20	12.4	2.7	270	32	<	<	<	10.0	-	-	70	6.5	0.07	15.8	3.76	50
631	873471	127	28	14	39	12	<	245	2.0	<	3.76	35	22.6	4.3	305	54	<	<	<	10.0	-	-	60	6.5	<	15.6	3.84	50
631	873472	100	7	<	7	2	<	124	<	<	0.30	30	88.0	0.9	75	7	0.2	<	<	10.0	-	-	60	6.6	<	11.0	4.00	40
631	873473	118	26	12	30	11	<	169	1.0	<	2.23	40	37.6	3.3	260	39	0.2	<	<	10.0	-	-	70	6.6	0.05	15.2	4.00	47
631	873474	115	27	13	33	13	<	205	1.0	<	3.46	40	26.0	3.7	255	47	<	0.2	<	10.0	-	-	60	6.8	<	22.0	5.00	66
631	873475	95	29	13	41	14	<	249	2.0	<	3.96	25	14.2	3.0	365	46	<	0.2	<	10.0	-	-	80	6.5	<	24.0	5.80	72
631	873476	107	20	6	19	7	<	122	1.0	<	1.19	25	54.8	2.7	220	32	<	<	<	10.0	-	-	60	6.8	<	18.6	4.20	60
631	873477	150	8	3	10	5	<	160	1.0	<	0.78	25	68.2	1.2	130	17	<	<	<	10.0	-	-	60	6.7	<	19.2	4.20	58
631	873478	126	10	8	19	6	<	140	1.0	<	1.11	40	52.8	1.8	205	24	0.2	<	<	10.0	-	-	60	7.0	<	29.0	5.80	84
631	873479	102	20	11	29	11	<	175	1.0	<	2.83	40	25.4	2.8	325	36	<	<	<	7.50	-	-	60	6.9	0.12	25.0	5.00	73

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873480	14	639384	6085578	AGMV	02	>5	1	00	Lw	-	GyBr	Hvy
63I	873482	14	638478	6084185	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873483	14	633964	6080167	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873484	14	627250	6079822	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873485	14	624617	6078118	AGG	02	.25-1	6	10	Lw	-	GyBr	-
63I	873486	14	624617	6078118	AGG	02	.25-1	6	20	Lw	-	GyBr	-
63I	873487	14	619952	6076973	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873488	14	617512	6073319	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873489	14	612271	6072842	AGG	02	.25-1	1	00	Lw	-	Br	Lgt
63I	873490	14	609379	6070084	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873491	14	598483	6065100	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	873492	14	605298	6067795	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873493	14	613686	6070559	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873495	14	619711	6073441	AGG	02	>5	1	00	Lw	-	GyBr	Hvy
63I	873496	14	626144	6077193	AGG	02	.25-1	1	00	Lw	-	Br	-
63I	873497	14	630235	6075599	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873498	14	634954	6077122	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873499	14	638056	6078548	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873500	14	638845	6080286	AGG	02	1-5	1	00	Lw	-	GyBr	-
63I	873502	14	642650	6084120	AGG	02	>5	1	00	Lw	-	Gy	-
63I	873503	14	642320	6086876	AGMV	02	>5	1	00	Lw	-	GyBr	-
63I	873504	14	643971	6087641	AGG	02	>5	1	10	Lw	-	GyBr	-
63I	873505	14	643971	6087641	AGG	02	>5	1	20	Lw	-	GyBr	-
63I	873506	14	646880	6088983	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873507	14	647629	6090458	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873508	14	645662	6090099	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873509	14	650939	6096756	AGG	02	1-5	5	00	Lw	-	GyBr	-
63I	873510	14	648682	6085973	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873511	14	647034	6081337	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873512	14	641708	6078161	AGG	02	1-5	1	00	Lw	-	Br	-
63I	873513	14	636046	6075098	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873515	14	627964	6073034	AGG	02	>5	1	00	Lw	-	Br	-
63I	873516	14	626313	6075059	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873517	14	624692	6073895	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873518	14	601073	6065748	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873519	14	604028	6066449	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873520	14	620069	6070330	AGG	02	>5	2	00	Lw	-	Gy	-
63I	873522	14	635358	6073517	AGG	02	>5	4	10	Lw	-	GyBr	-
63I	873523	14	635358	6073517	AGG	02	>5	4	20	Lw	-	GyBr	-
63I	873524	14	644028	6076954	AGG	02	.25-1	3	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
631	873480	108	21	13	29	10	<	158	1.0	<	2.55	40	32.0	3.0	420	37	<	<	<	10.0	-	-	70	6.5	0.08	20.0	5.00	58
631	873482	119	22	12	29	12	<	169	1.0	<	2.85	35	26.4	2.8	315	34	<	<	<	10.0	-	-	80	6.6	<	19.8	4.90	57
631	873483	135	16	10	24	8	<	139	1.0	<	1.44	40	49.2	2.1	245	37	0.2	<	<	10.0	-	-	60	6.5	<	15.4	3.60	47
631	873484	123	25	11	26	11	<	141	1.0	<	1.82	50	42.4	4.5	305	33	0.2	<	<	10.0	-	-	50	6.6	<	18.2	5.60	59
631	873485	108	26	12	30	11	<	216	1.0	<	2.01	35	44.6	3.3	350	47	<	0.2	<	10.0	-	-	70	6.8	0.06	23.0	5.90	80
631	873486	113	26	11	27	9	0.2	211	1.0	4	1.83	50	44.6	3.2	330	48	<	<	<	10.0	-	-	70	6.8	<	24.0	5.80	78
631	873487	111	34	14	41	15	<	310	5.0	3	4.61	35	12.8	3.5	445	48	<	<	<	10.0	-	-	60	6.5	<	15.4	3.70	50
631	873488	128	26	17	33	10	<	305	1.0	3	3.30	65	34.8	2.4	295	40	<	<	<	10.0	-	-	60	6.6	<	17.2	4.20	57
631	873489	122	26	10	29	10	<	109	1.0	2	1.61	40	43.0	3.4	245	28	0.3	<	<	10.0	-	-	90	6.6	<	22.0	6.80	72
631	873490	114	29	13	33	11	<	176	1.0	2	3.00	35	33.0	4.0	280	41	<	<	<	10.0	-	-	90	6.5	0.06	15.6	4.50	42
631	873491	111	37	11	37	11	<	182	2.0	2	3.15	35	29.2	5.7	360	42	<	<	<	10.0	-	-	50	6.5	0.11	16.4	4.80	52
631	873492	116	16	4	15	5	0.2	104	<	2	0.72	25	62.8	2.0	230	21	0.2	<	<	10.0	-	-	40	6.6	<	15.0	4.30	50
631	873493	112	34	10	33	11	<	166	1.0	2	2.50	25	37.4	4.3	340	43	<	<	<	10.0	-	-	40	6.6	<	13.6	4.20	49
631	873495	110	20	11	30	9	<	197	1.0	3	2.58	45	36.8	3.2	335	36	<	<	<	10.0	-	-	50	6.5	<	21.0	5.50	63
631	873496	109	25	7	22	7	<	158	<	2	1.29	40	54.6	4.4	280	27	0.2	<	<	10.0	-	-	50	6.5	<	9.8	3.70	34
631	873497	155	17	5	18	5	<	210	<	4	0.76	45	67.2	2.4	200	21	0.2	<	<	10.0	-	-	30	6.7	<	13.0	3.50	41
631	873498	146	17	10	26	9	<	230	<	2	1.91	35	44.2	2.0	350	36	0.2	<	<	10.0	-	-	30	6.7	<	15.2	3.80	46
631	873499	147	15	5	17	6	<	109	<	3	0.92	25	58.4	2.0	275	25	0.3	<	<	10.0	-	-	30	6.5	<	11.0	3.50	36
631	873500	61	11	9	18	5	<	169	<	3	1.32	30	28.8	2.0	315	23	<	<	1	10.0	-	-	20	6.5	<	9.2	1.90	27
631	873502	38	9	6	13	5	<	181	1.0	2	1.69	15	5.0	1.6	295	18	<	<	<	10.0	<4	10.0	20	6.7	<	16.6	3.70	52
631	873503	100	14	12	37	12	<	210	1.0	<	3.30	40	22.4	3.2	440	42	<	<	<	10.0	-	-	30	6.6	<	21.0	5.40	61
631	873504	96	29	13	35	12	<	227	2.0	<	3.72	30	17.8	3.7	475	44	<	<	<	10.0	-	-	30	6.7	<	17.0	4.20	54
631	873505	109	17	14	34	12	<	201	2.0	<	3.37	55	22.4	3.3	425	40	<	<	<	10.0	-	-	30	6.7	<	17.4	4.00	55
631	873506	101	25	12	31	11	<	183	1.0	<	3.17	40	20.2	2.7	335	35	<	<	<	10.0	-	-	30	6.7	<	18.4	4.50	59
631	873507	88	19	10	28	10	<	173	1.0	<	2.83	40	24.4	2.1	375	33	<	<	<	10.0	-	-	40	6.9	<	33.0	6.40	94
631	873508	40	13	6	14	6	<	157	3.0	<	1.86	25	5.8	1.5	310	24	<	<	<	10.0	<	10.0	40	6.9	<	27.0	5.80	80
631	873509	156	13	8	28	9	<	202	1.0	<	2.32	90	36.4	4.5	295	35	<	<	<	10.0	-	-	40	7.0	<	26.0	5.90	81
631	873510	142	15	8	22	7	<	253	1.0	<	1.14	70	47.8	3.0	265	29	0.2	<	1	10.0	-	-	30	6.7	<	14.2	2.90	41
631	873511	167	37	3	8	3	<	113	<	<	0.38	155	77.0	1.0	110	12	0.3	<	<	10.0	-	-	40	6.3	<	7.6	1.70	20
631	873512	126	18	7	19	6	<	148	1.0	<	0.66	60	60.4	2.5	210	19	0.3	<	<	10.0	-	-	40	6.8	<	16.2	3.90	52
631	873513	103	22	7	19	7	<	151	1.0	<	0.71	70	60.2	3.1	230	23	0.2	<	<	10.0	-	-	30	6.8	<	16.0	4.10	51
631	873515	81	13	7	27	9	<	241	3.0	<	3.21	25	13.8	2.5	355	30	<	<	<	10.0	-	-	50	6.7	0.06	17.6	4.00	60
631	873516	115	80	2	9	3	<	89	<	<	0.32	40	84.4	1.1	70	7	0.2	<	<	10.0	-	-	40	6.8	<	13.0	4.40	46
631	873517	115	16	10	34	10	<	344	2.0	<	3.40	35	28.8	3.7	420	41	<	<	<	10.0	-	-	40	7.3	0.07	18.4	4.40	61
631	873518	107	10	11	31	9	<	141	1.0	<	1.92	40	36.4	5.3	300	32	0.2	<	1	10.0	-	-	40	6.6	0.08	15.6	4.90	55
631	873519	139	10	6	21	7	<	180	1.0	<	1.10	40	59.0	1.3	215	28	0.2	<	<	10.0	-	-	40	6.6	<	14.2	4.20	46
631	873520	135	10	19	55	17	<	404	2.0	<	3.90	20	7.3	3.1	565	58	<	<	<	10.0	<2	5.00	40	6.7	<	18.0	4.50	58
631	873522	104	23	9	25	8	<	273	2.0	<	2.45	25	28.8	4.5	315	30	<	<	<	10.0	-	-	40	6.5	<	20.0	4.30	61
631	873523	105	21	10	23	7	<	274	2.0	<	2.18	40	30.0	4.2	340	31	<	<	<	10.0	-	-	40	6.5	<	20.0	4.10	61
631	873524	161	8	4	11	3	<	76	<	<	0.32	45	76.6	0.6	80	5	<	<	<	10.0	-	-	30	6.4	<	11.2	2.30	29

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63I	873525	14	650079	6080727	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873526	14	651461	6085624	AGG	02	.25-1	4	00	Lw	-	Br	-
63I	873527	14	652217	6086789	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63I	873529	14	653652	6090919	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873530	14	653791	6095762	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873531	14	657680	6094731	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	873532	14	656913	6090878	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63I	873533	14	657106	6086431	AGG	02	1-5	4	00	Lw	-	GyBr	-
63I	873534	14	656993	6082752	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873535	14	653767	6081696	AGG	02	1-5	3	00	Lw	-	GyBr	-
63I	873536	14	649973	6076591	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873537	14	646428	6074218	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873538	14	642091	6073290	AGG	02	.25-1	9	00	Md	-	GyBr	-
63I	873539	14	638399	6073154	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873540	14	631687	6070998	AGG	02	>5	10	00	Lw	-	GyBr	-
63I	873542	14	627988	6070728	AGG	02	.25-1	2	10	Lw	-	Br	-
63I	873543	14	627988	6070728	AGG	02	.25-1	2	20	Lw	-	Br	-
63I	873544	14	623000	6069702	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873545	14	616756	6068920	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873546	14	634907	6070300	AGG	02	>5	3	00	Md	-	GyBr	-
63I	873547	14	641670	6070978	AGG	02	.25-1	2	00	Md	-	Br	-
63I	873548	14	648659	6073197	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873549	14	651576	6075956	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	873551	14	657474	6081178	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873552	14	660391	6080893	AGG	02	>5	2	00	Md	-	GyBr	-
63I	873553	14	660671	6084382	AGMV	02	>5	2	00	Lw	-	GyBr	-
63I	873554	14	660176	6088612	AGG	02	>5	2	00	Lw	-	GyBr	-
63I	873555	14	659077	6092263	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873556	14	659999	6094153	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873557	14	663126	6094137	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873558	14	663969	6090380	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873559	14	665244	6087347	AGG	02	1-5	3	00	Lw	-	Br	-
63I	873560	14	662312	6086824	AGG	02	.25-1	3	00	Lw	-	Br	-
63I	873562	14	662222	6083776	AGMV	02	>5	3	10	Lw	-	Br	-
63I	873563	14	662223	6083763	AGMV	02	>5	3	20	Lw	-	Br	-
63I	873564	14	664003	6080517	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873565	14	660441	6077101	AGG	02	.25-1	2	00	Lw	-	Br	-
63I	873566	14	657304	6076480	AGG	02	>5	1	00	Lw	-	GyBr	-
63I	873567	14	654538	6075342	AGG	02	>5	3	00	Lw	-	GyBr	-
63I	873568	14	653457	6073458	AGG	02	>5	3	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	873525	173	5	2	4	2	<	72	<	<	0.27	35	87.8	0.5	50	<	<	<	<	10.0	-	-	30	6.4	<	10.4	2.60	30
63I	873526	141	13	4	12	3	<	61	<	<	0.40	35	68.4	1.7	140	10	<	<	<	10.0	-	-	20	6.4	<	12.6	2.70	38
63I	873527	138	13	8	12	4	<	77	<	<	0.87	45	64.6	1.0	155	19	<	<	<	10.0	-	-	20	6.5	<	14.6	3.30	44
63I	873529	143	5	2	3	2	<	72	<	<	0.22	65	90.6	0.6	75	<	<	<	<	10.0	-	-	50	6.6	<	16.6	3.60	50
63I	873530	111	13	6	12	3	<	139	1.0	<	0.69	40	71.6	1.9	160	16	<	<	<	10.0	-	-	40	6.4	<	13.4	3.20	42
63I	873531	107	12	5	14	5	<	82	1.0	<	0.82	40	60.2	4.2	200	14	<	<	<	10.0	-	-	40	6.7	<	21.0	4.40	68
63I	873532	166	10	5	10	3	<	66	1.0	<	0.63	40	71.4	1.4	130	8	<	<	5	10.0	-	-	40	6.7	<	20.0	4.10	59
63I	873533	129	9	6	9	3	<	66	<	<	0.44	25	73.2	1.1	100	8	<	<	<	10.0	-	-	30	6.6	<	15.4	3.10	45
63I	873534	137	11	5	10	5	<	126	1.0	<	0.76	25	73.4	2.2	145	14	<	<	<	10.0	-	-	30	6.5	<	13.6	2.50	41
63I	873535	141	12	5	16	5	<	114	1.0	<	1.12	45	58.8	1.5	190	22	<	<	<	10.0	-	-	20	6.3	<	9.6	1.70	25
63I	873536	117	13	8	20	7	<	184	1.0	<	0.73	35	57.8	2.0	270	22	<	<	<	10.0	-	-	40	6.7	<	20.0	4.80	63
63I	873537	112	15	6	23	7	0.2	161	<	<	1.22	40	44.8	2.0	270	26	<	<	<	10.0	-	-	40	6.6	<	18.6	4.30	58
63I	873538	103	31	10	25	8	<	184	1.0	<	1.43	60	44.8	4.3	345	31	<	<	<	10.0	-	-	40	6.8	0.08	27.0	5.20	76
63I	873539	107	18	4	17	6	<	104	<	<	0.78	50	63.8	2.9	190	20	0.2	<	<	10.0	-	-	30	6.6	<	14.4	3.40	43
63I	873540	142	27	9	24	7	0.2	229	1.0	<	1.45	60	50.6	6.0	305	20	0.2	<	<	10.0	-	-	30	6.6	<	18.6	4.30	60
63I	873542	120	13	5	14	4	<	89	<	<	0.64	25	68.0	2.3	185	18	0.2	<	1	10.0	-	-	40	6.5	<	13.0	3.80	42
63I	873543	116	13	5	16	5	<	90	<	<	0.67	25	66.6	2.5	210	20	<	<	<	10.0	-	-	40	6.5	<	14.0	4.00	42
63I	873544	98	16	6	18	5	<	139	<	<	0.72	45	64.6	2.7	160	16	<	<	<	10.0	-	-	50	6.6	<	14.2	4.80	49
63I	873545	132	38	18	53	17	<	348	1.0	<	4.30	25	9.4	2.9	460	56	<	0.2	<	10.0	<4	2.50	40	6.6	<	17.8	4.30	57
63I	873546	92	20	6	16	5	<	145	1.0	<	1.10	40	49.6	3.8	275	19	<	<	<	10.0	-	-	40	6.6	0.07	19.2	4.10	60
63I	873547	68	23	5	20	4	<	119	<	<	0.68	50	66.6	3.6	180	22	<	<	<	10.0	-	-	50	6.8	0.07	26.0	6.30	86
63I	873548	73	21	9	19	5	<	119	2.0	<	1.67	40	26.6	1.4	390	28	<	<	2	10.0	2	5.00	40	6.6	<	17.4	3.70	52
63I	873549	102	13	8	16	6	<	99	<	<	1.08	35	60.2	1.7	250	21	<	<	<	10.0	-	-	30	6.6	<	17.0	3.70	52
63I	873551	132	14	5	14	5	<	108	<	<	0.81	20	68.4	1.6	180	17	0.3	<	<	10.0	-	-	50	6.6	<	16.8	3.30	52
63I	873552	146	11	12	16	6	<	128	1.0	<	1.12	60	48.2	2.0	240	21	0.6	<	<	10.0	-	-	40	6.6	<	14.6	3.40	52
63I	873553	127	11	7	15	5	<	116	<	<	0.94	35	45.0	2.2	285	21	0.2	<	<	10.0	-	-	40	6.6	<	17.4	3.60	52
63I	873554	111	11	7	13	5	<	72	1.0	<	0.80	40	61.9	2.1	170	18	0.2	<	<	10.0	-	-	40	6.7	<	19.2	3.90	57
63I	873555	124	12	6	12	5	<	108	1.0	<	0.81	25	61.9	2.2	145	19	<	<	<	10.0	-	-	30	6.7	<	18.8	3.90	59
63I	873556	134	9	3	11	3	<	78	1.0	<	0.47	40	72.4	1.3	120	14	0.4	<	<	10.0	-	-	30	6.6	<	18.6	3.40	55
63I	873557	151	13	5	13	4	<	72	<	<	0.66	40	61.4	3.1	125	16	0.4	<	<	10.0	-	-	30	6.7	<	23.0	4.80	71
63I	873558	123	11	7	12	4	<	73	<	<	0.85	40	54.2	1.9	140	15	<	<	<	10.0	-	-	40	6.6	<	18.4	3.70	54
63I	873559	125	12	5	11	4	<	61	1.0	<	1.04	40	63.6	3.7	130	15	0.4	<	<	10.0	-	-	40	6.7	<	19.4	4.10	61
63I	873560	175	7	3	5	2	<	124	2.0	2	0.25	40	83.4	0.9	80	9	0.6	<	<	10.0	-	-	40	6.7	<	16.2	2.70	46
63I	873562	104	11	7	17	7	<	126	<	<	1.11	35	43.2	1.9	220	25	<	<	<	10.0	-	-	60	6.6	<	17.6	3.60	51
63I	873563	123	11	6	15	6	<	121	<	<	1.02	45	42.4	1.8	230	25	<	<	<	10.0	-	-	50	6.6	<	16.8	3.50	51
63I	873564	102	10	4	8	3	<	81	<	<	0.44	30	76.0	2.0	125	14	0.4	<	<	10.0	-	-	40	6.6	<	16.6	3.40	52
63I	873565	173	10	6	14	4	<	66	<	<	0.46	50	70.0	1.1	130	13	0.5	<	<	10.0	-	-	40	6.6	<	13.6	2.90	40
63I	873566	87	15	10	19	5	<	125	2.0	<	1.04	25	33.6	1.8	265	30	<	<	<	10.0	-	-	40	6.6	<	17.0	3.70	53
63I	873567	120	13	8	16	5	<	138	1.0	<	1.25	45	54.4	1.7	220	27	0.2	<	<	10.0	-	-	30	6.6	<	16.8	3.70	52
63I	873568	42	13	8	18	6	<	173	3.0	<	1.97	20	7.8	1.9	345	23	<	<	<	10.0	<	10.0	30	6.6	<	17.0	3.70	52

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
63I	873570	14	649880	6071255	AGG	02	>5	1	00	Lw	-	Br	-
63I	873571	14	644946	6068992	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63I	873572	14	639600	6069900	AGG	02	.25-1	3	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63I	873570	68	7	7	10	3	<	107	1.0	<	0.60	40	36.2	1.4	195	16	0.2	<	<	10.0	-	-	50	6.7	<	20.0	4.30	59
63I	873571	125	11	4	14	4	<	96	<	<	0.66	40	68.8	1.0	185	16	0.4	<	<	10.0	-	-	40	6.5	<	13.8	3.10	41
63I	873572	114	22	7	21	8	<	149	<	<	1.14	35	55.0	2.8	250	33	<	<	<	10.0	-	-	60	6.8	<	20.0	7.00	89

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63P	873002	14	690843	6098809	AGG	02	1-5	3	10	Lw	-	Br	-
63P	873003	14	690843	6098809	AGG	02	1-5	3	20	Lw	-	Br	-
63P	873004	14	690958	6101536	AGG	02	1-5	3	00	Lw	-	Br	-
63P	873005	14	691171	6106216	AGG	02	1-5	3	00	Lw	-	BrBk	-
63P	873006	14	689427	6106820	AGFV	02	1-5	2	00	Lw	-	Tn	-
63P	873008	14	686177	6107779	AGG	02	>5	2	00	Lw	-	Br	-
63P	873009	14	681488	6106859	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873010	14	684181	6106733	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873011	14	686854	6105424	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873012	14	688280	6105506	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873013	14	687229	6102942	AGG	02	>5	1	00	Lw	-	Gy	-
63P	873014	14	687974	6100380	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873015	14	684592	6099760	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873016	14	684419	6105353	AGMV	02	.25-1	3	00	Lw	-	GyBr	-
63P	873017	14	683099	6105064	AGMV	02	.25-1	2	00	Lw	-	GyBr	-
63P	873018	14	681360	6105979	AGFV	02	.25-1	2	00	Lw	-	Br	-
63P	873019	14	677351	6106808	AGG	02	>5	5	00	Lw	-	Br	-
63P	873020	14	676900	6108900	AGG	02	>5	3	00	Lw	-	Br	-
63P	873022	14	681130	6109729	AGG	02	>5	3	10	Lw	-	GyBr	-
63P	873024	14	681130	6109729	AGG	02	>5	3	20	Lw	-	GyBr	-
63P	873025	14	683996	6108304	AGG	02	>5	3	00	Lw	-	GyBr	-
63P	873026	14	688293	6108867	AGG	02	>5	3	00	Lw	-	GyBr	-
63P	873027	14	690768	6109765	AGG	02	>5	3	00	Lw	-	Br	-
63P	873028	14	690755	6114973	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873029	14	689755	6117886	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873030	14	690786	6121415	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873031	14	690048	6128221	AGMV	02	>5	2	00	Lw	-	Br	-
63P	873032	14	690144	6130624	AGMV	02	>5	9	00	Lw	-	Br	-
63P	873033	14	689766	6135368	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873034	14	688172	6135753	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873035	14	688326	6138437	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63P	873036	14	688951	6141029	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873037	14	689679	6143547	AGG	02	1-5	1	00	Lw	-	Br	-
63P	873038	14	688712	6147344	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873039	14	687794	6149681	AGG	02	1-5	1	00	Lw	-	Br	-
63P	873040	14	685544	6150166	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873042	14	688646	6152342	AGG	02	.25-1	2	10	Lw	-	Gy	-
63P	873043	14	688646	6152342	AGG	02	.25-1	2	20	Lw	-	Gy	-
63P	873044	14	686976	6153322	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873045	14	685939	6153745	AGMV	02	.25-1	2	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873002	161	8	17	11	4	<	129	1.0	<	0.77	80	58.8	1.1	165	16	0.8	<	<	10.0	-	-	40	6.3	<	8.6	1.60	21
63P	873003	146	9	7	12	5	<	114	1.0	<	0.79	50	55.4	1.4	170	12	0.6	<	<	10.0	-	-	30	6.2	<	8.2	1.40	22
63P	873004	97	7	7	7	3	<	155	<	<	0.71	40	62.8	1.5	115	9	0.2	<	<	10.0	-	-	30	6.3	<	10.0	2.00	29
63P	873005	123	9	10	11	6	<	875	1.0	<	1.44	50	53.4	1.7	190	13	0.5	<	<	10.0	-	-	40	6.5	<	16.4	3.10	48
63P	873006	119	19	8	10	4	<	129	1.0	<	0.95	40	69.8	2.0	135	14	0.3	<	<	10.0	-	-	40	6.5	<	16.4	3.20	49
63P	873008	103	20	8	13	6	<	156	1.0	<	1.22	40	61.2	3.6	170	20	0.3	<	<	10.0	-	-	50	6.6	0.08	20.0	4.70	65
63P	873009	131	18	5	13	3	<	65	<	3	0.32	40	82.6	16.0	110	12	0.7	<	<	10.0	-	-	40	6.6	0.07	23.0	4.70	66
63P	873010	98	7	2	5	3	<	105	1.0	2	0.33	35	80.6	5.9	85	12	<	<	<	10.0	-	-	40	6.6	<	20.0	4.00	61
63P	873011	178	24	6	17	4	<	72	1.0	2	0.83	50	71.4	5.3	135	14	0.7	<	<	10.0	-	-	30	6.7	<	19.4	3.70	57
63P	873012	177	8	5	6	2	<	81	1.0	2	0.20	55	88.0	1.6	65	8	0.4	<	1	10.0	-	-	30	6.5	<	14.2	2.70	39
63P	873013	106	10	9	14	5	<	131	1.0	<	1.10	40	57.8	1.6	175	17	0.4	<	<	10.0	-	-	30	6.5	<	15.0	2.90	44
63P	873014	262	9	6	8	5	<	128	1.0	2	0.55	35	74.6	2.3	130	10	0.8	<	<	10.0	-	-	40	6.5	<	14.2	2.60	40
63P	873015	94	8	6	10	4	<	105	1.0	<	0.86	40	40.2	1.5	165	14	0.4	<	<	10.0	-	-	30	6.4	<	15.4	2.70	42
63P	873016	68	16	8	10	2	<	67	<	2	0.65	60	50.6	8.5	190	13	0.3	<	<	10.0	-	-	40	6.7	<	26.0	5.50	80
63P	873017	91	20	12	22	8	<	228	2.0	3	2.36	25	14.6	8.2	320	37	<	<	<	10.0	-	-	40	6.7	<	21.0	4.50	67
63P	873018	110	31	4	17	3	<	70	1.0	3	0.67	85	70.8	5.1	140	8	0.6	<	<	10.0	-	-	50	7.0	<	32.0	5.70	95
63P	873019	89	15	9	18	7	<	212	2.0	<	1.64	55	31.2	2.7	190	18	0.2	<	<	10.0	-	-	40	6.7	<	24.0	4.50	67
63P	873020	99	17	10	17	5	<	160	2.0	<	1.43	65	45.6	3.0	230	16	0.3	<	<	10.0	-	-	40	6.7	0.09	21.0	4.60	67
63P	873022	99	19	8	18	6	<	142	1.0	<	1.41	55	51.6	2.6	220	16	0.3	<	<	10.0	-	-	50	6.6	0.08	21.0	4.70	66
63P	873024	95	18	6	19	6	<	140	1.0	<	1.43	55	50.8	2.9	255	21	0.2	<	<	10.0	-	-	50	6.7	0.10	20.0	4.90	67
63P	873025	72	12	7	10	4	<	144	1.0	<	1.45	30	22.2	3.0	300	15	0.3	<	<	10.0	-	-	40	6.6	0.11	20.0	4.70	67
63P	873026	80	27	9	26	9	<	197	3.0	<	2.37	30	20.2	3.3	340	28	<	<	<	10.0	-	-	40	6.7	0.10	20.0	4.40	65
63P	873027	96	19	6	16	6	<	156	1.0	3	1.40	45	57.8	2.4	240	16	0.2	<	<	10.0	-	-	40	6.7	0.11	20.0	4.60	65
63P	873028	92	17	8	17	6	<	138	1.0	<	1.31	30	51.6	3.0	230	18	0.2	<	2	10.0	-	-	40	6.6	0.08	20.0	4.60	65
63P	873029	117	13	12	15	6	<	145	1.0	<	1.24	70	54.2	1.0	290	15	0.5	<	<	10.0	-	-	30	6.3	<	8.2	2.10	25
63P	873030	94	5	4	4	2	<	283	1.0	2	0.57	75	85.8	1.8	75	7	0.3	<	<	10.0	-	-	30	6.5	<	10.8	2.30	29
63P	873031	36	7	6	9	3	<	97	1.0	<	0.95	25	12.2	4.1	230	11	<	<	<	10.0	-	-	40	6.7	0.11	19.6	4.50	63
63P	873032	79	21	11	20	7	<	172	1.0	<	1.76	50	35.4	1.8	305	27	0.2	<	2	10.0	3	10.0	40	6.7	0.09	20.0	4.50	63
63P	873033	160	10	6	14	5	<	139	1.0	<	0.93	65	64.4	3.1	185	11	0.5	<	<	10.0	-	-	40	6.6	<	12.6	3.00	37
63P	873034	106	12	9	16	7	<	202	1.0	<	1.40	85	51.2	1.6	225	15	0.4	<	7	10.0	<4	2.50	50	6.6	<	14.4	3.70	44
63P	873035	107	18	7	18	8	<	203	<	<	1.78	45	51.2	1.5	275	19	0.4	<	<	10.0	-	-	40	6.7	0.15	20.0	4.80	61
63P	873036	109	16	9	22	9	<	164	1.0	<	1.76	40	44.4	2.6	265	21	0.3	<	<	10.0	-	-	40	6.6	<	17.4	3.80	53
63P	873037	97	14	9	16	7	<	498	1.0	<	1.64	50	55.8	5.1	235	17	0.3	<	<	10.0	-	-	40	6.5	0.06	18.4	4.30	57
63P	873038	97	11	8	13	6	<	186	1.0	<	1.11	45	63.6	4.7	175	11	0.4	<	<	10.0	-	-	40	6.7	<	18.6	4.30	59
63P	873039	122	15	6	15	7	<	155	<	<	1.31	15	58.4	2.8	220	16	0.3	<	2	10.0	<4	2.50	30	6.4	<	11.2	2.00	32
63P	873040	101	17	6	14	7	<	148	<	<	1.23	25	61.0	4.9	170	14	0.2	<	<	10.0	-	-	30	6.9	0.17	28.0	5.50	89
63P	873042	112	13	6	15	6	<	147	1.0	<	1.37	35	54.2	2.8	200	14	0.4	<	<	10.0	-	-	40	6.5	0.25	16.6	3.70	50
63P	873043	113	17	8	16	7	<	151	2.0	<	1.49	30	50.0	4.1	255	18	0.3	<	<	10.0	-	-	30	6.5	0.06	16.2	3.70	50
63P	873044	132	11	9	11	4	<	99	<	<	0.77	30	67.2	1.9	140	6	0.5	<	<	10.0	-	-	30	6.3	0.07	7.6	1.90	23
63P	873045	204	7	7	10	5	<	207	2.0	<	1.05	40	80.0	1.3	85	<	0.6	<	<	10.0	-	-	30	6.6	<	17.2	3.50	50

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
63P	873046	14	680747	6152604	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873047	14	675788	6153031	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873048	14	671800	6153580	AGMV	02	1-5	9	00	Lw	-	GyBr	-
63P	873049	14	671044	6152306	AGMV	02	.25-1	2	00	Lw	-	GyBr	-
63P	873050	14	670551	6151019	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873051	14	668849	6150143	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873052	14	670254	6149405	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63P	873053	14	670735	6147643	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873054	14	673753	6148985	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873055	14	674111	6151286	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873056	14	677752	6151352	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873057	14	680738	6150298	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873058	14	680347	6146783	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873060	14	681129	6143999	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873062	14	683841	6143250	AGG	02	>5	2	10	Lw	-	GyBr	-
63P	873063	14	683841	6143250	AGG	02	>5	2	20	Lw	-	GyBr	-
63P	873064	14	686618	6143678	AGG	02	>5	3	00	Lw	-	GyBr	-
63P	873065	14	684859	6140680	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873066	14	685194	6134615	AGG	02	1-5	1	00	Lw	-	Br	-
63P	873067	14	684323	6131331	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873068	14	687249	6130067	AGMV	02	>5	2	00	Lw	-	Gy	-
63P	873069	14	686536	6128044	AGMV	02	.25-1	3	00	Lw	-	GyBr	-
63P	873070	14	686665	6124604	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873071	14	686596	6119667	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873072	14	685281	6117320	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873073	14	684269	6113804	AGMV	02	>5	2	00	Lw	-	GyBr	-
63P	873074	14	686504	6112214	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873075	14	684337	6111113	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873076	14	681376	6113431	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873077	14	676783	6106040	AGFV	02	.25-1	2	00	Lw	-	Br	-
63P	873078	14	679497	6104948	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873080	14	679848	6103019	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873083	14	680849	6099394	AGG	02	1-5	3	10	Lw	-	GyBr	-
63P	873084	14	680849	6099394	AGG	02	1-5	3	20	Lw	-	GyBr	-
63P	873085	14	677810	6100288	AGG	02	1-5	3	00	Lw	-	GyBr	-
63P	873086	14	677145	6103011	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873087	14	676879	6111810	AGG	02	.25-1	4	00	Lw	-	Br	-
63P	873088	14	682454	6118078	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873089	14	684198	6119939	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63P	873090	14	684680	6121792	AGMV	02	>5	2	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873046	125	17	17	24	6	<	172	1.0	<	1.27	65	49.8	8.3	225	14	0.4	<	<	10.0	-	-	40	6.6	0.34	25.0	4.70	67
63P	873047	147	15	19	29	8	<	222	1.0	<	1.73	40	46.8	3.3	325	19	0.2	<	<	10.0	-	-	40	6.7	<	19.4	4.60	63
63P	873048	141	25	17	31	8	<	223	1.0	<	2.10	105	44.2	8.9	285	29	0.4	<	<	10.0	-	-	40	6.6	0.24	21.0	4.90	70
63P	873049	106	18	17	25	6	<	179	1.0	<	1.80	65	50.0	2.8	240	19	0.2	<	<	10.0	-	-	40	6.5	<	14.0	4.10	47
63P	873050	103	11	9	14	3	<	142	<	<	0.66	55	77.6	3.7	110	8	0.3	<	<	10.0	-	-	50	6.6	0.07	18.8	5.60	63
63P	873051	143	13	7	15	3	<	97	<	3	0.68	45	74.6	51.2	110	5	0.5	<	<	10.0	-	-	110	6.9	3.50	30.0	7.70	96
63P	873052	50	7	11	4	<	0.4	458	1.0	7	0.70	15	18.0	0.6	200	21	<	<	20	10.0	-	-	80	7.1	0.11	32.0	8.30	106
63P	873053	124	15	17	17	6	0.3	128	1.0	<	1.12	20	66.6	16.3	190	10	0.2	<	<	10.0	-	-	30	6.4	0.12	13.8	3.10	40
63P	873054	146	19	8	16	5	<	89	<	3	1.03	30	63.4	20.8	185	10	0.4	<	<	10.0	-	-	50	6.8	0.40	30.0	6.70	89
63P	873055	185	10	7	13	6	<	209	<	<	1.08	20	68.6	4.6	175	6	0.2	<	<	10.0	-	-	50	7.0	<	28.0	5.70	84
63P	873056	128	16	9	17	5	<	111	1.0	<	0.80	20	69.0	6.2	185	10	0.3	<	<	10.0	-	-	40	6.7	0.10	21.0	5.10	67
63P	873057	89	19	11	22	6	<	115	1.0	<	1.10	50	62.8	2.1	175	13	<	<	<	10.0	-	-	40	6.7	0.25	23.0	4.80	71
63P	873058	112	18	13	17	5	<	88	<	<	0.62	50	68.8	7.8	155	10	0.2	<	<	10.0	-	-	40	6.8	0.11	26.0	5.70	78
63P	873060	114	19	16	19	8	<	163	1.0	<	1.81	40	40.8	3.0	295	22	<	<	<	10.0	-	-	50	6.6	0.10	18.0	4.20	56
63P	873062	111	18	8	23	9	<	186	1.0	<	1.88	40	42.0	2.1	255	21	0.2	<	<	10.0	-	-	50	6.5	0.09	17.6	3.90	54
63P	873063	108	20	7	22	9	<	190	1.0	<	1.85	30	41.4	2.0	245	24	0.3	<	<	10.0	-	-	50	6.6	0.10	17.6	4.20	55
63P	873064	107	33	14	39	17	<	368	2.0	<	3.53	25	13.0	1.4	420	40	0.2	<	<	10.0	-	-	50	6.6	0.10	17.4	4.10	56
63P	873065	112	20	11	27	11	<	243	1.0	<	2.38	35	35.6	1.7	305	27	0.2	<	<	10.0	-	-	40	6.7	<	16.2	3.60	51
63P	873066	110	17	11	24	10	<	197	1.0	<	2.16	45	38.8	1.4	270	25	0.2	<	<	10.0	-	-	40	6.6	<	14.4	3.40	45
63P	873067	103	16	9	19	9	<	187	1.0	<	1.75	55	47.8	1.8	285	19	0.4	<	<	10.0	-	-	30	6.4	<	9.4	2.80	28
63P	873068	41	12	8	15	7	<	186	1.0	<	1.66	25	7.2	1.7	250	18	<	<	<	10.0	<	10.0	30	6.8	0.11	20.0	4.80	67
63P	873069	89	12	7	16	6	<	155	1.0	<	1.27	55	48.4	1.9	225	16	0.2	<	<	10.0	-	-	30	6.6	<	12.2	3.30	39
63P	873070	101	21	5	18	8	<	438	2.0	<	1.16	75	66.8	1.4	180	16	0.4	<	<	10.0	-	-	30	6.7	<	18.0	4.60	55
63P	873071	83	15	5	16	6	<	193	<	<	1.30	60	50.8	4.7	240	17	0.2	<	1	10.0	-	-	30	6.8	<	17.4	4.30	53
63P	873072	98	16	11	21	9	<	262	1.0	<	2.20	60	46.8	2.7	330	25	0.2	<	<	10.0	-	-	30	6.7	<	14.6	2.90	41
63P	873073	84	16	3	15	5	<	123	1.0	<	1.23	40	53.8	3.3	210	15	0.2	<	2	10.0	-	-	30	6.8	0.11	22.0	5.00	67
63P	873074	48	18	5	13	4	<	109	2.0	<	1.31	15	17.8	2.4	205	17	<	<	<	10.0	-	-	30	6.8	0.09	21.0	4.20	65
63P	873075	39	8	4	7	2	<	89	1.0	<	0.75	20	18.4	1.9	175	9	<	<	<	10.0	-	-	40	6.8	0.11	20.0	4.80	65
63P	873076	98	16	10	24	3	<	223	1.0	<	1.91	55	44.8	2.4	335	24	<	<	<	10.0	-	-	50	6.9	<	19.6	4.10	57
63P	873077	73	44	7	21	9	<	183	2.0	<	0.88	75	51.4	1.5	145	16	0.2	<	1	10.0	-	-	40	7.0	<	27.0	5.40	78
63P	873078	121	8	4	7	5	<	186	1.0	3	1.04	90	59.8	3.3	160	11	0.4	<	<	10.0	-	-	40	7.0	<	21.0	4.10	63
63P	873080	98	9	3	7	4	<	137	<	<	0.57	45	81.0	6.2	95	12	0.5	<	<	10.0	-	-	50	6.8	<	20.0	4.10	58
63P	873083	93	10	7	11	5	<	133	<	<	0.97	25	38.6	1.9	140	15	<	<	<	10.0	-	-	50	6.6	<	15.6	2.60	43
63P	873084	92	10	5	11	5	<	124	<	<	0.97	20	36.2	1.8	175	17	0.3	<	<	10.0	-	-	40	6.6	<	14.8	2.80	43
63P	873085	41	6	<	4	<	<	37	<	<	0.47	15	20.6	2.5	110	5	<	<	<	10.0	-	-	50	6.9	0.13	23.0	5.10	70
63P	873086	152	11	3	7	2	<	70	<	2	0.22	60	85.2	1.4	70	9	0.6	<	<	10.0	-	-	40	6.8	<	16.6	3.50	49
63P	873087	92	16	8	18	7	<	162	1.0	<	1.36	65	51.8	4.1	180	17	0.2	<	<	10.0	-	-	40	6.8	<	17.8	4.50	58
63P	873088	110	11	5	13	5	<	139	<	<	0.87	45	61.4	1.4	260	13	0.4	<	<	10.0	-	-	30	6.6	<	12.8	2.70	35
63P	873089	110	15	10	19	9	<	315	1.0	<	2.09	50	26.8	4.9	260	25	0.2	<	<	10.0	-	-	30	6.8	0.12	19.0	4.10	57
63P	873090	87	19	8	18	7	<	153	1.0	<	1.28	40	38.2	3.4	200	18	0.2	<	<	10.0	-	-	40	7.0	0.11	21.0	4.70	67

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63P	873091	14	684584	6124261	AGMV	02	>5	2	00	Lw	-	GyBr	-
63P	873092	14	684251	6125333	AGMV	02	>5	2	00	Lw	-	GyBr	-
63P	873093	14	684658	6128366	AGG	02	>5	3	00	Lw	-	GyBr	-
63P	873094	14	680839	6132870	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873095	14	681918	6135002	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873096	14	681283	6136551	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873097	14	679914	6139856	AGG	02	1-5	1	00	Lw	-	Br	-
63P	873098	14	676943	6139011	AGG	02	1-5	1	00	Lw	-	GyBr	-
63P	873099	14	676697	6141991	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873100	14	675563	6146445	AGG	02	>5	4	00	Lw	-	Gy	-
63P	873102	14	672700	6145316	AGG	02	>5	2	10	Lw	-	GyBr	-
63P	873103	14	672700	6145316	AGG	02	>5	2	20	Lw	-	GyBr	-
63P	873104	14	670946	6143284	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873105	14	667092	6147685	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873106	14	666544	6149611	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873107	14	666419	6151381	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873108	14	664819	6152324	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873109	14	662555	6153190	AFGR	02	>5	3	00	Lw	-	GyBr	-
63P	873110	14	660000	6152700	AFGR	02	>5	4	00	Lw	-	GyBr	-
63P	873111	14	656535	6152756	AGB	02	>5	3	00	Lw	-	GyBr	-
63P	873112	14	649694	6150646	AFGR	02	.25-1	3	00	Lw	-	GyBr	-
63P	873114	14	646385	6152042	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873115	14	638004	6150445	AFGR	02	1-5	4	00	Lw	-	Gy	-
63P	873116	14	636076	6152201	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873117	14	634906	6151706	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873118	14	630733	6151927	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873119	14	629511	6148699	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873120	14	633478	6149591	AFGR	02	1-5	1	00	Lw	-	GyBr	-
63P	873122	14	635519	6149711	AFGR	02	.25-1	1	10	Lw	-	Br	-
63P	873123	14	635519	6149711	AFGR	02	.25-1	1	20	Lw	-	Br	-
63P	873124	14	645793	6149361	AFGR	02	1-5	14	00	Lw	-	GyBr	-
63P	873125	14	649993	6147578	AGMV	02	.25-1	2	00	Lw	-	GyBr	-
63P	873126	14	653534	6148149	AFGR	02	1-5	1	00	Lw	-	Br	-
63P	873127	14	658970	6150699	AFGR	02	>5	4	00	Lw	-	Br	-
63P	873128	14	661706	6149443	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873129	14	662796	6145833	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873130	14	664404	6143600	AGG	02	1-5	5	00	Lw	-	GyBr	-
63P	873131	14	665352	6137955	AGG	02	>5	1	00	Lw	-	Gy	-
63P	873132	14	671097	6139666	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873133	14	673202	6142189	AGG	02	>5	3	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873091	30	8	6	9	3	<	110	1.0	<	0.84	30	12.4	1.8	240	13	<	<	<	10.0	-	-	50	6.8	0.10	22.0	4.60	65
63P	873092	30	7	6	8	4	<	134	1.0	<	0.89	25	13.8	2.1	195	12	<	<	<	10.0	-	-	50	6.9	0.10	22.0	4.50	66
63P	873093	26	8	7	9	3	<	177	1.0	<	1.11	25	11.6	2.3	205	14	<	<	<	10.0	-	-	40	6.9	0.12	21.0	4.70	67
63P	873094	112	12	9	19	8	<	230	1.0	<	1.61	50	47.8	1.6	285	22	<	<	4	10.0	<4	2.50	40	6.7	<	13.2	3.30	37
63P	873095	131	10	4	11	5	<	134	<	<	0.75	45	65.8	3.7	155	10	0.5	<	<	10.0	-	-	40	6.8	<	16.4	3.80	51
63P	873096	65	10	2	12	6	<	159	1.0	<	1.13	40	29.2	2.4	245	17	<	<	1	10.0	-	-	40	6.8	<	19.6	4.00	59
63P	873097	96	20	10	23	9	<	178	1.0	<	1.49	45	47.4	3.3	215	23	0.2	<	<	10.0	-	-	40	6.6	<	16.0	3.60	50
63P	873098	105	16	12	23	9	<	203	1.0	<	1.85	60	44.2	3.1	285	27	0.2	<	<	10.0	-	-	40	6.7	<	17.2	3.90	53
63P	873099	79	15	7	14	6	<	164	1.0	<	1.00	60	63.8	3.5	245	12	0.3	<	<	10.0	-	-	50	6.9	<	20.0	5.60	68
63P	873100	93	21	9	25	9	<	210	1.0	<	2.21	40	34.8	3.8	360	31	<	<	<	10.0	-	-	40	6.8	0.16	22.0	5.00	73
63P	873102	100	19	11	22	9	<	197	1.0	<	1.94	40	44.4	6.5	270	25	<	<	<	10.0	-	-	40	6.7	0.15	26.0	5.20	76
63P	873103	90	21	10	22	9	<	ns	1.0	<	2.04	40	46.0	6.9	315	21	<	<	<	10.0	-	-	40	6.7	0.24	24.0	5.10	68
63P	873104	85	12	7	13	4	<	146	1.0	<	0.79	40	74.2	9.1	120	13	0.4	<	<	10.0	-	-	40	6.8	<	22.0	6.40	73
63P	873105	90	18	7	17	6	<	165	1.0	<	1.22	50	57.0	6.7	215	14	0.3	<	<	10.0	-	-	50	7.3	0.13	30.0	8.20	99
63P	873106	64	23	10	31	11	<	309	1.0	<	2.76	25	35.2	4.2	305	29	<	<	<	10.0	-	-	50	6.9	0.24	27.0	6.20	82
63P	873107	87	13	5	14	5	<	148	<	<	0.78	20	74.8	1.2	115	12	0.4	<	<	10.0	-	-	30	6.5	<	9.2	2.50	27
63P	873108	73	14	8	17	6	<	176	1.0	<	1.62	40	66.8	1.6	170	13	0.4	<	<	10.0	-	-	40	6.8	<	22.0	5.20	72
63P	873109	154	13	9	16	6	<	219	1.0	<	1.31	25	11.6	2.2	250	19	<	<	<	10.0	-	-	40	6.7	<	23.0	5.40	74
63P	873110	70	16	9	23	10	<	379	2.0	<	2.39	30	7.8	2.5	180	24	<	<	<	10.0	<4	10.0	40	6.7	0.08	22.0	5.30	68
63P	873111	61	27	14	33	13	<	411	2.0	<	2.92	45	24.8	3.3	325	31	0.2	<	<	10.0	-	-	40	6.7	<	21.0	5.10	69
63P	873112	96	24	7	22	9	<	211	1.0	<	1.81	55	53.0	2.5	315	24	0.2	<	<	10.0	-	-	30	6.6	<	11.4	3.70	39
63P	873114	52	19	10	28	11	<	257	1.0	<	2.43	45	12.0	1.9	315	24	<	<	<	10.0	-	-	60	6.9	<	24.0	5.40	70
63P	873115	85	27	14	36	13	<	381	2.0	<	2.96	40	16.0	2.6	345	35	<	<	<	10.0	-	-	50	6.8	0.06	23.0	6.40	69
63P	873116	62	21	10	26	10	<	243	1.0	<	2.24	40	41.6	1.8	305	24	<	<	<	10.0	-	-	40	6.8	<	15.6	4.30	50
63P	873117	73	12	2	12	<	<	76	<	2	0.32	35	80.8	0.7	65	8	0.4	<	<	10.0	-	-	30	6.6	<	12.0	3.80	41
63P	873118	75	24	12	39	13	<	301	1.0	<	2.92	40	31.2	2.3	320	36	<	<	<	10.0	-	-	40	6.8	<	16.2	4.40	53
63P	873119	73	11	7	16	5	<	186	1.0	<	0.97	50	72.4	1.1	140	12	0.3	<	<	10.0	-	-	30	6.6	<	10.4	3.00	33
63P	873120	96	29	13	42	13	<	371	1.0	<	2.91	25	30.0	2.7	395	37	<	<	1	10.0	-	-	30	6.8	<	19.0	4.90	64
63P	873122	96	17	8	23	8	<	217	1.0	<	2.64	45	52.4	1.9	220	18	<	<	<	10.0	-	-	50	6.6	<	11.8	3.80	40
63P	873123	101	17	9	23	9	<	230	1.0	<	2.65	40	52.6	1.9	235	21	<	<	<	10.0	-	-	40	6.6	<	11.8	3.90	41
63P	873124	90	24	13	43	18	<	775	2.0	<	3.74	35	9.6	2.9	380	37	<	<	<	10.0	<	10.0	50	6.9	0.14	26.0	7.50	86
63P	873125	98	31	12	30	10	<	305	1.0	<	3.98	50	42.0	3.0	330	30	0.2	<	<	10.0	-	-	50	6.7	<	20.0	6.30	71
63P	873126	96	24	11	25	9	<	202	1.0	<	0.97	40	44.2	2.1	285	21	0.2	<	<	10.0	-	-	50	6.8	<	22.0	5.90	76
63P	873127	79	22	10	26	10	<	275	1.0	<	0.69	40	24.2	3.6	310	28	<	<	<	10.0	-	-	40	6.7	<	24.0	5.80	73
63P	873128	96	15	9	20	8	<	204	1.0	<	1.50	35	42.8	2.2	275	18	0.2	<	<	10.0	-	-	50	6.8	<	26.0	5.90	82
63P	873129	98	22	4	21	6	<	106	<	<	1.08	35	59.8	17.6	175	16	0.4	<	<	10.0	-	-	50	6.9	0.39	28.0	6.70	86
63P	873130	87	24	12	36	12	<	391	1.0	<	3.10	40	21.2	5.8	415	33	<	<	<	10.0	-	-	50	6.9	0.58	29.0	6.10	87
63P	873131	15	3	5	6	2	<	78	<	<	2.73	15	3.8	1.0	160	10	<	<	<	10.0	1	10.0	40	6.9	0.09	28.0	5.30	82
63P	873132	46	12	8	11	4	<	262	1.0	<	0.50	30	24.0	2.6	245	15	<	<	<	10.0	-	-	40	6.9	0.11	29.0	5.40	82
63P	873133	76	21	12	28	10	<	291	1.0	<	2.12	30	22.4	2.8	360	30	<	<	<	10.0	-	-	40	6.9	0.10	26.0	5.50	82

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
63P	873134	14	674423	6139338	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873135	14	677368	6135336	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873136	14	678019	6130897	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873137	14	677771	6127239	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873139	14	680024	6125363	AGG	02	>5	3	00	Lw	-	GyBr	-
63P	873140	14	681916	6121376	AGMV	02	>5	3	00	Lw	-	Br	-
63P	873142	14	679961	6120191	AGG	02	.25-1	3	10	Lw	-	GyBr	-
63P	873143	14	679961	6120191	AGG	02	.25-1	3	20	Lw	-	GyBr	-
63P	873144	14	680400	6118400	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873145	14	673256	6102343	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873147	14	673505	6100119	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873148	14	628653	6097469	AGG	02	>5	1	00	Lw	-	GyBr	-
63P	873149	14	628397	6100932	AGG	02	1-5	1	00	Lw	-	GyBr	-
63P	873150	14	628549	6104906	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873151	14	628534	6108710	AGG	02	.25-1	2	00	Lw	-	GnGy	-
63P	873152	14	627841	6112710	AGG	02	.25-1	4	00	Lw	-	GyBr	-
63P	873153	14	627997	6118367	AGG	02	1-5	2	00	Md	-	GyBr	-
63P	873154	14	629365	6121509	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873155	14	629156	6128847	AFGR	02	.25-1	2	00	Lw	-	GyBr	-
63P	873156	14	629292	6134231	AFGR	02	.25-1	1	00	Lw	-	GyBr	-
63P	873157	14	627819	6140062	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873158	14	628866	6140986	AFGR	02	.25-1	2	00	Lw	-	GyBr	-
63P	873159	14	627654	6143736	AFGR	02	1-5	2	00	Lw	-	GyBr	-
63P	873160	14	629844	6144615	AFGR	02	.25-1	2	00	Lw	-	GyBr	-
63P	873162	14	632581	6143290	AFGR	02	.25-1	2	10	Lw	-	Br	-
63P	873163	14	632581	6143290	AFGR	02	.25-1	2	20	Lw	-	Br	-
63P	873164	14	632983	6139512	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873165	14	631409	6138316	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873166	14	633257	6137638	AGMV	02	.25-1	2	00	Lw	-	GyBr	-
63P	873167	14	630931	6136877	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873168	14	632505	6135030	AFGR	02	.25-1	1	00	Lw	-	Br	-
63P	873169	14	636601	6135169	AGMV	02	.25-1	2	00	Lw	-	GyBr	-
63P	873170	14	638998	6134338	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873171	14	637125	6126758	AGG	02	1-5	1	00	Lw	-	GyBr	-
63P	873172	14	634372	6125174	AGG	02	1-5	1	00	Lw	-	GyBr	-
63P	873173	14	631072	6122441	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873174	14	630173	6118973	AGG	02	1-5	6	00	Lw	-	GyBr	-
63P	873175	14	630446	6117168	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873176	14	629164	6112878	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873177	14	630395	6108280	AGG	02	>5	4	00	Lw	-	Gy	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873134	105	12	4	13	4	<	129	<	<	0.67	35	75.0	1.5	125	15	0.4	<	<	10.0	-	-	40	6.7	<	18.6	4.60	61
63P	873135	89	12	5	15	4	<	178	<	<	1.02	40	74.6	1.7	160	13	0.4	<	<	10.0	-	-	50	6.7	<	13.4	4.40	46
63P	873136	137	15	8	19	7	<	149	<	<	3.12	35	53.4	2.2	230	20	0.4	<	<	10.0	-	-	40	6.5	<	11.0	2.80	34
63P	873137	118	14	4	15	6	<	116	<	<	3.23	30	63.2	1.9	210	16	0.4	<	<	10.0	-	-	30	6.4	<	8.6	2.00	26
63P	873139	59	13	9	17	5	<	150	1.0	<	4.40	25	16.8	3.0	300	20	<	<	<	10.0	-	-	50	6.8	0.12	20.0	4.70	67
63P	873140	85	25	7	27	7	<	225	2.0	<	2.67	30	30.2	4.6	275	25	<	<	<	10.0	-	-	40	6.8	0.12	21.0	4.70	66
63P	873142	99	18	5	16	3	<	173	1.0	<	1.25	45	55.2	10.4	160	16	0.4	<	<	10.0	-	-	40	6.7	0.24	19.6	4.10	60
63P	873143	96	16	5	15	6	<	161	1.0	<	1.21	50	51.8	10.4	160	16	0.4	<	<	10.0	-	-	40	6.7	0.25	19.4	4.10	59
63P	873144	96	9	3	11	3	<	76	<	<	0.55	45	72.6	2.2	90	13	0.5	<	<	10.0	-	-	30	6.6	<	15.2	3.00	43
63P	873145	164	7	3	12	4	<	145	2.0	2	0.59	60	80.2	1.1	90	10	0.8	<	<	10.0	-	-	40	6.7	<	19.2	3.50	55
63P	873147	112	6	3	8	3	<	123	1.0	2	0.32	50	87.8	1.1	80	8	18.1	<	<	10.0	-	-	60	6.7	<	18.6	3.40	52
63P	873148	79	13	8	18	6	<	127	1.0	<	1.13	60	59.6	1.6	210	19	0.4	<	<	10.0	-	-	50	6.7	<	16.8	4.70	53
63P	873149	99	14	7	18	6	<	153	1.0	<	1.34	40	52.6	2.1	245	20	0.2	<	<	10.0	-	-	40	6.5	<	12.4	3.60	42
63P	873150	104	25	11	25	10	<	225	1.0	<	2.07	55	44.2	3.5	205	28	0.3	<	<	10.0	-	-	40	6.7	<	18.4	4.50	58
63P	873151	109	18	5	19	4	<	83	<	2	0.74	65	68.0	1.9	145	14	0.5	<	<	10.0	-	-	50	6.7	<	19.0	4.10	59
63P	873152	77	20	5	18	4	<	122	<	2	0.77	80	68.2	5.3	160	16	0.3	<	<	7.50	-	-	50	6.9	0.09	27.0	6.50	85
63P	873153	76	20	7	20	7	<	200	1.0	<	1.69	40	39.0	2.9	235	23	<	<	<	10.0	-	-	70	7.1	0.15	37.0	7.70	111
63P	873154	52	12	5	9	2	<	111	1.0	4	0.84	25	49.2	3.3	135	19	<	<	<	10.0	-	-	70	6.8	<	18.4	6.80	70
63P	873155	101	13	5	17	5	<	172	<	<	1.12	25	68.8	1.8	170	15	0.4	<	<	10.0	-	-	50	6.7	<	13.8	4.70	47
63P	873156	115	22	11	31	12	<	351	4.0	2	2.21	30	40.4	2.3	440	31	<	<	<	10.0	-	-	40	6.7	<	13.6	3.70	45
63P	873157	134	9	6	15	5	<	251	1.0	<	0.82	40	72.2	1.2	130	12	0.5	<	<	10.0	-	-	40	6.7	<	11.4	3.50	36
63P	873158	116	11	5	16	6	<	148	1.0	<	1.05	40	70.2	1.3	170	16	0.3	<	<	10.0	-	-	30	6.5	<	8.2	2.40	25
63P	873159	123	26	13	47	16	<	379	2.0	<	3.55	45	20.2	2.8	370	42	<	<	<	10.0	-	-	40	6.7	<	15.4	4.20	53
63P	873160	105	23	9	32	11	<	254	1.0	<	2.39	45	38.4	1.9	315	31	<	<	<	10.0	-	-	40	6.8	<	17.8	5.00	61
63P	873162	99	22	10	25	8	<	216	1.0	<	1.83	65	46.2	2.7	285	26	0.2	<	<	10.0	-	-	40	6.8	<	18.6	4.70	63
63P	873163	86	20	7	23	9	<	206	<	<	1.62	75	45.8	2.3	295	25	0.2	<	<	10.0	-	-	40	6.8	<	18.4	5.10	64
63P	873164	104	10	3	20	6	<	158	<	<	0.85	50	68.2	1.0	165	12	0.3	<	<	10.0	-	-	30	6.7	<	12.8	4.10	42
63P	873165	116	20	8	26	12	<	257	1.0	<	1.99	40	36.4	2.0	310	25	0.2	<	<	10.0	-	-	30	6.8	<	14.0	4.40	50
63P	873166	60	16	2	18	3	<	93	<	2	0.48	65	73.2	2.1	105	10	0.3	<	<	10.0	-	-	50	6.8	<	19.6	6.90	74
63P	873167	93	15	6	21	7	<	154	<	<	1.27	30	61.2	1.7	280	21	0.2	<	<	10.0	-	-	30	6.6	<	10.8	3.70	38
63P	873168	136	9	4	15	5	<	110	<	<	0.74	35	68.2	0.9	150	12	0.4	<	<	10.0	-	-	30	6.6	<	12.0	3.60	41
63P	873169	93	14	2	14	4	<	108	<	<	0.59	30	69.8	1.6	115	15	0.3	<	<	10.0	-	-	30	6.5	<	9.6	3.10	33
63P	873170	100	16	4	21	6	<	160	<	<	1.10	40	61.4	2.3	190	17	0.2	<	<	10.0	-	-	40	6.7	<	13.8	4.50	52
63P	873171	92	11	7	15	7	<	147	2.0	<	1.26	60	47.8	4.4	215	16	<	<	1	10.0	-	-	40	6.8	<	19.0	3.70	55
63P	873172	107	13	6	17	7	<	133	2.0	<	1.40	45	53.0	4.1	255	15	0.2	<	<	10.0	-	-	50	6.8	0.13	18.6	4.70	62
63P	873173	98	13	7	14	6	<	160	1.0	<	1.11	55	64.4	2.0	190	14	0.3	<	<	10.0	-	-	40	6.9	<	19.4	5.00	70
63P	873174	82	19	10	23	8	<	278	2.0	<	2.00	50	34.0	3.5	270	23	<	<	<	10.0	-	-	70	7.2	0.14	34.0	7.40	111
63P	873175	105	17	7	16	7	<	185	1.0	<	1.44	25	51.0	1.8	260	24	0.3	<	<	10.0	-	-	50	6.6	<	13.6	3.60	47
63P	873176	64	10	5	15	5	<	151	<	<	1.03	45	59.2	2.6	190	17	<	<	<	10.0	-	-	50	6.8	<	21.0	6.10	74
63P	873177	75	30	15	35	12	<	476	2.0	<	2.61	15	4.4	2.8	420	49	<	<	<	10.0	-	-	50	7.0	0.07	22.0	5.50	75

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63P	873179	14	630994	6104514	AGG	02	.25-1	3	00	Md	-	Br	-
63P	873180	14	630445	6101313	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873182	14	630095	6098911	AGG	02	>5	6	10	Lw	-	GyBr	-
63P	873183	14	630095	6098911	AGG	02	>5	6	20	Lw	-	GyBr	-
63P	873184	14	669356	6098854	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873185	14	672096	6101664	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873186	14	669799	6102580	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873187	14	674650	6109200	AGG	02	>5	4	00	Lw	-	GyBr	-
63P	873188	14	677055	6114640	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873189	14	678700	6118050	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873190	14	678231	6123406	AGG	02	>5	2	00	Lw	-	Br	-
63P	873191	14	677148	6125142	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873192	14	674684	6126144	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873193	14	674761	6128584	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873195	14	672002	6131269	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873196	14	674152	6136207	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873197	14	670299	6134726	AGG	02	.25-1	4	00	Lw	-	Br	-
63P	873198	14	666444	6136117	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873199	14	662329	6141434	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873200	14	660193	6143484	AGG	02	>5	4	00	Lw	-	GyBr	-
63P	873202	14	658894	6147636	AFGR	02	>5	3	10	Lw	-	GyBr	-
63P	873203	14	658894	6147636	AFGR	02	>5	3	20	Lw	-	GyBr	-
63P	873204	14	655903	6148067	AFGR	02	>5	8	00	Lw	-	GyBr	-
63P	873205	14	656386	6146826	AFGR	02	>5	5	00	Lw	-	GyBr	-
63P	873206	14	654723	6142858	AFGR	02	>5	7	00	Lw	-	GyBr	-
63P	873207	14	653174	6144724	AFGR	02	>5	4	00	Lw	-	GyBr	-
63P	873208	14	647954	6146727	AFGR	02	>5	4	00	Lw	-	GyBr	-
63P	873209	14	646745	6147209	AGMV	02	>5	5	00	Lw	-	GyBr	-
63P	873210	14	645535	6145576	AFGR	02	>5	7	00	Lw	-	GyBr	-
63P	873212	14	644668	6143347	AFGR	02	.25-1	3	00	Lw	-	Br	-
63P	873213	14	643374	6144843	AGMV	02	>5	7	00	Lw	-	GyBr	-
63P	873214	14	641889	6143026	AGMV	02	>5	3	00	Lw	-	GyBr	-
63P	873215	14	636044	6147042	AFGR	02	.25-1	1	00	Lw	-	Br	-
63P	873216	14	635895	6145318	AGMV	02	.25-1	6	00	Lw	-	Br	-
63P	873217	14	637386	6144422	AFGR	02	>5	8	00	Lw	-	Gy	-
63P	873218	14	637396	6136921	AFGR	02	.25-1	1	00	Lw	-	Br	-
63P	873219	14	638728	6137248	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873220	14	640906	6137180	AFGR	02	.25-1	2	00	Lw	-	Br	-
63P	873222	14	644468	6137384	AGMV	02	>5	6	10	Lw	-	GyBr	-
63P	873223	14	644468	6137384	AGMV	02	>5	6	20	Lw	-	GyBr	-

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Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873179	64	25	7	17	7	<	195	1.0	<	1.53	45	21.0	2.8	305	15	<	<	<	10.0	-	-	60	6.9	0.08	24.0	5.70	77
63P	873180	100	14	6	17	7	<	142	1.0	<	1.36	45	53.2	2.2	250	18	0.2	<	<	10.0	-	-	50	6.6	<	12.2	3.70	44
63P	873182	94	30	7	21	10	<	339	2.0	<	2.18	55	42.8	3.8	245	28	0.2	<	<	10.0	-	-	60	6.7	<	8.0	4.80	66
63P	873183	107	31	7	21	10	<	341	1.0	<	2.10	45	44.4	3.6	355	28	0.3	<	12	10.0	<4	2.50	50	6.8	<	8.0	4.80	66
63P	873184	120	9	7	9	4	<	212	1.0	<	1.14	70	71.2	1.8	130	9	0.5	<	<	10.0	-	-	50	7.0	<	11.0	4.70	82
63P	873185	143	7	6	4	3	<	127	1.0	<	0.52	40	79.4	0.8	80	9	0.6	<	<	10.0	-	-	40	6.5	<	5.0	2.30	31
63P	873186	120	11	4	12	5	<	124	<	<	1.12	55	56.4	1.7	170	16	0.5	<	<	10.0	-	-	50	6.8	<	8.8	3.90	62
63P	873187	81	17	6	14	6	0.2	166	2.0	<	1.49	40	37.2	3.7	250	18	0.2	<	<	10.0	-	-	40	6.8	0.11	8.2	4.80	68
63P	873188	129	18	4	18	4	<	112	<	<	0.94	60	67.6	2.5	140	10	0.6	<	<	10.0	-	-	50	6.9	<	9.2	5.10	75
63P	873189	100	18	3	10	3	<	92	<	2	0.46	40	82.2	3.5	125	8	0.5	<	<	10.0	-	-	30	6.7	<	7.0	3.60	50
63P	873190	32	9	6	5	<	<	179	2.0	<	0.78	35	46.4	2.7	125	7	<	<	<	10.0	-	-	40	6.8	0.12	8.2	4.70	66
63P	873191	80	11	5	13	5	<	192	1.0	<	0.88	70	71.0	2.7	165	12	0.3	<	4	10.0	<4	2.50	40	6.8	<	6.6	4.30	52
63P	873192	124	11	6	10	4	<	101	<	<	0.73	30	68.4	2.5	165	11	0.5	<	<	10.0	-	-	30	6.5	0.06	5.2	2.70	41
63P	873193	100	13	4	15	5	<	103	<	<	1.06	45	55.2	1.7	190	11	0.4	<	<	10.0	-	-	40	6.6	<	5.8	3.20	46
63P	873195	96	9	3	7	2	<	70	1.0	<	0.34	45	82.0	1.7	100	8	0.5	<	<	10.0	-	-	40	6.6	<	5.4	2.70	38
63P	873196	112	13	9	14	7	<	260	2.0	<	1.39	80	58.8	2.4	260	15	0.4	<	<	10.0	-	-	40	6.6	<	6.2	3.30	42
63P	873197	90	13	8	11	5	<	237	1.0	<	1.31	80	35.8	2.7	195	14	0.3	<	<	10.0	-	-	40	6.9	<	8.8	4.50	67
63P	873198	92	19	6	16	7	<	121	1.0	<	1.02	70	60.0	2.5	480	11	0.4	<	<	10.0	-	-	50	6.9	0.07	9.6	4.80	76
63P	873199	60	24	10	25	9	<	300	3.0	<	2.11	25	17.0	7.1	505	31	<	<	<	10.0	-	-	50	7.0	0.64	11.2	6.10	87
63P	873200	70	23	5	17	6	<	190	2.0	<	1.32	40	40.0	3.9	310	15	<	<	<	10.0	-	-	40	6.8	0.11	10.2	6.20	83
63P	873202	65	26	8	23	9	<	200	3.0	<	1.85	25	22.6	3.5	415	27	<	<	<	10.0	-	-	30	6.6	0.05	27.0	6.20	82
63P	873203	64	17	6	17	7	<	151	2.0	<	1.38	30	23.4	2.8	295	18	<	<	<	10.0	-	-	50	6.7	0.09	24.5	6.00	81
63P	873204	84	27	12	26	10	<	309	2.0	<	2.68	50	26.4	3.9	420	32	<	<	<	10.0	-	-	40	6.7	0.07	22.5	5.80	77
63P	873205	78	25	8	19	6	<	162	1.0	<	1.40	50	43.4	4.0	260	21	<	<	<	10.0	-	-	40	6.7	0.05	26.0	6.20	81
63P	873206	92	30	9	24	9	<	239	2.0	<	2.02	55	34.8	6.1	300	29	<	<	<	7.50	-	-	40	6.8	0.09	25.0	6.20	85
63P	873207	67	22	6	17	6	<	152	1.0	<	1.33	45	40.6	3.3	255	18	<	<	<	10.0	-	-	40	6.7	0.08	24.5	6.10	82
63P	873208	100	22	11	30	11	<	482	3.0	<	3.41	40	22.6	3.7	475	35	<	<	<	10.0	-	-	30	6.7	0.06	20.0	5.40	70
63P	873209	112	28	12	40	13	<	405	3.0	<	3.54	45	26.2	3.7	435	40	<	<	<	10.0	-	-	40	6.8	0.06	20.5	5.30	71
63P	873210	117	30	14	37	12	<	413	3.0	<	3.23	65	25.6	4.4	425	44	<	<	<	10.0	-	-	30	6.7	0.07	21.5	5.50	70
63P	873212	96	20	6	19	6	<	147	<	<	0.86	35	65.8	2.2	185	16	0.3	<	<	10.0	-	-	30	6.8	<	12.5	3.30	40
63P	873213	105	26	13	36	13	<	591	3.0	<	3.74	55	22.4	4.2	385	40	<	<	<	10.0	-	-	30	6.7	0.07	21.0	5.30	71
63P	873214	96	23	8	26	10	<	266	5.0	<	2.26	40	30.4	2.8	340	26	<	<	<	10.0	-	-	30	6.7	0.06	21.5	5.70	72
63P	873215	95	24	10	26	10	<	260	4.0	<	2.21	50	34.4	2.6	430	28	<	<	<	10.0	-	-	30	6.7	<	17.0	4.50	56
63P	873216	128	15	2	13	3	<	195	<	<	0.52	45	87.6	1.2	115	11	0.3	<	<	7.50	-	-	20	6.6	<	14.0	3.80	46
63P	873217	109	30	14	49	15	<	314	3.0	<	3.40	40	10.2	2.7	610	46	<	<	<	10.0	-	-	40	6.9	0.31	23.0	9.00	88
63P	873218	89	12	7	17	6	<	184	1.0	<	1.24	55	60.2	6.0	235	15	0.2	<	<	10.0	-	-	40	7.0	<	24.0	7.30	81
63P	873219	96	16	8	19	8	<	218	1.0	<	1.44	45	60.2	2.3	285	20	0.2	<	<	10.0	-	-	30	6.8	<	24.5	5.10	55
63P	873220	93	7	3	7	<	<	176	<	<	0.33	35	51.8	0.7	70	9	0.3	<	<	10.0	-	-	20	6.5	<	8.0	3.40	28
63P	873222	87	25	9	30	9	<	242	2.0	<	1.98	60	33.8	4.3	375	26	<	<	<	10.0	-	-	30	6.7	0.10	24.5	6.20	85
63P	873223	84	25	10	30	9	<	228	2.0	<	2.03	65	34.4	4.3	355	27	<	<	<	10.0	-	-	30	6.7	0.08	23.5	6.30	86

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
63P	873225	14	647400	6129200	AGMV	02	>5	11	00	Lw	-	GyBr	-
63P	873226	14	647476	6143496	AFGR	02	1-5	5	00	Lw	-	GyBr	-
63P	873227	14	650242	6142006	AFGR	02	>5	2	00	Lw	-	GyBr	-
63P	873228	14	652350	6140107	AGG	02	>5	10	00	Lw	-	GyBr	-
63P	873229	14	654215	6139824	AGG	02	>5	15	00	Lw	-	GyBr	-
63P	873230	14	655753	6140339	AGG	02	>5	4	00	Lw	-	GnGy	-
63P	873231	14	656772	6138329	AGG	02	>5	5	00	Md	-	GyBr	-
63P	873232	14	659305	6137970	AGG	02	.25-1	2	00	Md	-	Br	-
63P	873233	14	660196	6135080	AGG	02	1-5	1	00	Lw	-	GyBr	-
63P	873234	14	662426	6133737	AGG	02	1-5	1	00	Lw	-	GyBr	-
63P	873235	14	663681	6131350	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873236	14	665969	6130866	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873237	14	669280	6131230	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873238	14	670115	6128611	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873239	14	670060	6125771	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873240	14	671983	6123297	AGG	02	.25-1	3	00	Lw	-	GyBr	-
63P	873242	14	673888	6121724	AGMV	02	>5	5	10	Md	-	GyBr	-
63P	873243	14	673888	6121724	AGMV	02	>5	5	20	Md	-	GyBr	-
63P	873244	14	674971	6119988	AGG	02	>5	4	00	Md	-	Br	-
63P	873245	14	676507	6119983	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873246	14	675931	6116833	AGG	02	>5	2	00	Lw	-	Gy	-
63P	873247	14	675028	6115695	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873248	14	674259	6113303	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873249	14	673492	6111425	AGMV	02	>5	2	00	Lw	-	Br	-
63P	873250	14	673136	6110560	AGMV	02	>5	4	00	Lw	-	GyBr	-
63P	873251	14	673187	6107474	AGFV	02	.25-1	2	00	Lw	-	Br	-
63P	873253	14	671409	6106623	AGFV	02	.25-1	3	00	Lw	-	Br	-
63P	873254	14	669588	6105726	AGMV	02	.25-1	3	00	Lw	-	Br	-
63P	873255	14	667959	6104090	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873256	14	666666	6103109	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873257	14	666796	6098069	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873258	14	632225	6097197	AGG	02	1-5	4	00	Md	-	Br	-
63P	873259	14	634960	6099003	AGG	02	.25-1	3	00	Md	-	Br	-
63P	873260	14	633487	6102719	AGG	02	>5	15	00	Md	-	GyBr	-
63P	873262	14	634146	6104899	AGG	02	.25-1	2	10	Md	-	Br	-
63P	873263	14	634146	6104899	AGG	02	.25-1	2	20	Md	-	Br	-
63P	873264	14	633476	6106587	AGG	02	.25-1	6	00	Md	-	Br	-
63P	873265	14	632157	6110522	AGG	02	>5	5	00	Md	-	GyBr	-
63P	873266	14	633414	6112646	AGG	02	.25-1	3	00	Md	-	GyBr	-
63P	873267	14	634176	6115381	AGG	02	.25-1	2	00	Md	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																				Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873225	102	28	12	30	11	<	386	3.0	<	2.50	65	33.0	4.9	375	33	<	<	3	10.0	<4	2.50	40	6.8	0.09	25.0	6.30	83
63P	873226	102	32	12	30	11	<	310	2.0	<	2.46	75	37.0	3.6	350	35	<	<	<	10.0	-	-	40	6.8	<	23.0	6.40	80
63P	873227	109	41	16	59	20	<	362	3.0	<	3.81	35	16.4	3.0	650	47	<	<	<	10.0	-	-	30	6.8	<	21.5	5.70	81
63P	873228	83	26	13	27	9	<	392	3.0	<	2.40	60	28.6	4.5	360	32	0.2	<	<	10.0	-	-	30	6.8	0.08	25.0	6.20	84
63P	873229	85	27	13	25	8	<	280	2.0	<	2.04	85	34.4	4.3	350	31	0.3	<	1	10.0	-	-	30	6.8	0.11	24.0	6.30	84
63P	873230	32	11	6	10	4	<	218	2.0	<	1.12	25	15.8	2.7	255	14	<	<	<	10.0	-	-	30	6.8	0.09	24.5	6.10	84
63P	873231	68	17	9	21	8	<	298	1.0	<	2.17	45	18.8	5.7	405	26	<	<	<	10.0	-	-	30	6.9	0.29	24.0	6.10	82
63P	873232	70	5	6	5	2	<	212	<	<	0.40	65	85.0	1.2	80	10	0.3	<	<	10.0	-	-	20	6.5	<	15.5	2.90	31
63P	873233	38	7	4	9	4	<	123	1.0	<	0.82	30	14.2	1.5	240	16	<	<	<	10.0	-	-	20	6.7	<	13.0	3.80	60
63P	873234	95	15	5	15	4	<	97	2.0	<	0.81	45	67.4	2.0	210	13	0.4	<	<	10.0	-	-	20	6.7	<	10.5	3.50	48
63P	873235	96	13	5	14	5	<	119	<	<	0.99	40	55.4	2.1	235	17	0.4	<	<	10.0	-	-	20	6.6	<	14.5	3.70	48
63P	873236	102	13	7	15	6	<	149	1.0	<	1.15	65	54.0	2.2	275	16	0.4	<	<	10.0	-	-	20	6.6	<	12.0	3.30	38
63P	873237	99	9	6	12	5	<	118	1.0	<	0.68	70	62.0	1.3	180	11	0.4	<	<	10.0	-	-	20	6.6	<	13.0	3.10	39
63P	873238	158	9	3	7	2	<	65	1.0	<	0.37	45	73.6	2.5	115	7	0.8	<	<	10.0	-	-	20	6.6	<	13.5	3.30	43
63P	873239	123	21	6	16	3	<	105	2.0	<	1.01	55	68.8	4.1	160	11	0.7	<	<	10.0	-	-	20	6.7	<	17.5	3.70	54
63P	873240	84	17	8	18	8	<	168	1.0	<	1.49	60	54.8	8.2	330	20	0.2	<	<	10.0	-	-	20	6.9	0.14	20.5	5.20	70
63P	873242	77	17	9	19	6	0.2	168	1.0	<	1.91	70	37.2	4.3	320	16	0.2	<	2	10.0	<	2.50	50	6.8	0.11	22.0	4.80	68
63P	873243	79	17	8	18	5	0.3	164	1.0	<	1.88	65	36.0	4.3	320	22	<	<	<	10.0	<	2.50	40	6.8	0.14	20.5	5.20	68
63P	873244	82	21	4	12	4	<	81	1.0	<	1.02	65	60.6	4.5	160	12	0.3	<	<	10.0	-	-	50	6.8	0.16	21.5	5.10	74
63P	873245	83	17	5	28	5	0.4	91	1.0	<	1.20	55	63.4	11.3	195	17	0.3	<	<	10.0	-	-	50	6.9	0.14	24.5	5.00	80
63P	873246	98	51	12	49	15	0.2	275	4.0	<	4.61	25	17.4	3.5	420	57	<	0.2	2	10.0	2	7.50	50	6.8	<	19.5	4.90	65
63P	873247	89	13	5	17	5	<	103	<	<	1.38	45	55.6	2.0	230	23	0.2	<	<	10.0	-	-	50	6.7	<	19.5	4.90	63
63P	873248	86	16	5	18	6	<	127	1.0	<	1.52	25	57.0	2.2	210	31	0.2	<	<	10.0	-	-	50	6.8	<	18.5	5.00	60
63P	873249	79	15	4	18	5	<	119	1.0	<	1.17	50	57.4	3.8	180	15	0.2	<	<	10.0	-	-	40	6.8	<	19.0	4.70	61
63P	873250	80	20	5	17	5	<	155	1.0	<	1.63	60	45.6	5.1	250	30	<	<	<	10.0	-	-	40	6.8	0.11	21.0	5.10	70
63P	873251	85	12	5	15	5	<	248	2.0	<	1.43	55	56.6	1.9	280	23	0.2	<	<	10.0	-	-	30	6.6	<	12.5	3.40	39
63P	873253	79	11	3	10	2	<	88	<	<	0.40	50	78.4	1.1	60	17	0.2	0.4	<	10.0	-	-	50	6.6	<	13.5	3.10	37
63P	873254	79	20	2	17	3	0.3	55	2.0	<	0.47	60	75.2	0.9	70	12	0.2	<	<	10.0	-	-	40	7.0	<	23.5	4.90	72
63P	873255	76	13	5	13	3	<	105	<	<	0.92	50	61.0	3.1	215	21	<	<	<	10.0	-	-	40	6.7	<	17.5	4.10	54
63P	873256	79	13	5	14	4	<	127	<	<	1.02	40	61.8	5.8	195	24	0.2	<	<	10.0	-	-	40	6.8	<	17.0	4.30	54
63P	873257	171	5	3	3	3	<	140	2.0	<	0.64	60	86.8	<	60	12	0.4	<	2	10.0	-	-	40	6.9	<	21.0	3.70	70
63P	873258	75	13	8	18	5	<	152	1.0	<	1.52	60	56.2	2.1	275	23	<	<	<	10.0	-	-	40	6.7	<	16.5	5.00	60
63P	873259	83	21	8	19	6	<	178	1.0	<	1.90	50	51.4	2.7	280	34	<	<	<	10.0	-	-	40	6.8	<	19.0	4.40	58
63P	873260	53	16	6	16	6	<	183	1.0	<	2.07	40	19.2	3.1	225	24	<	<	<	10.0	-	-	40	6.9	0.06	19.5	4.80	70
63P	873262	77	25	5	18	6	<	118	1.0	<	1.23	90	55.4	3.6	180	21	0.2	<	<	10.0	-	-	40	6.9	<	24.0	6.50	86
63P	873263	76	24	5	18	5	<	123	1.0	<	1.20	80	55.8	3.7	175	28	0.2	<	<	10.0	-	-	40	6.9	<	24.0	6.20	85
63P	873264	89	21	6	20	6	<	139	1.0	<	1.80	65	58.4	2.8	170	33	<	<	<	10.0	-	-	30	6.8	<	17.5	4.10	58
63P	873265	79	25	8	29	8	<	183	1.0	<	2.97	40	22.6	3.2	275	37	<	<	<	10.0	-	-	30	6.9	0.09	21.5	5.10	74
63P	873266	91	20	7	22	7	<	183	1.0	<	2.12	60	38.4	3.0	230	31	<	<	<	10.0	-	-	30	6.8	<	21.5	5.20	72
63P	873267	63	12	4	12	4	<	133	1.0	<	0.98	45	63.4	2.2	150	20	<	<	<	10.0	-	-	30	6.7	<	20.0	4.90	67

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63P	873268	14	634341	6121171	AGG	02	.25-1	2	00	Md	-	GyBr	-
63P	873269	14	637375	6122355	AGG	02	.25-1	2	00	Md	-	GyBr	-
63P	873270	14	644580	6124352	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873272	14	643068	6129630	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873273	14	642735	6134368	AGMV	02	>5	3	00	Lw	-	GyBr	-
63P	873274	14	643263	6135821	AFGR	02	>5	2	00	Lw	-	Br	-
63P	873275	14	645272	6135661	AFGR	02	>5	9	00	Lw	-	GyBr	-
63P	873276	14	646761	6133317	AGG	02	>5	3	00	Md	-	GyBr	-
63P	873277	14	646433	6131697	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873278	14	645292	6128884	AGG	02	.25-1	1	00	Lw	-	GyBr	-
63P	873279	14	648133	6128684	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873280	14	647218	6124745	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873282	14	644412	6122366	AGG	02	.25-1	2	10	Lw	-	Br	-
63P	873283	14	644412	6122366	AGG	02	.25-1	2	20	Lw	-	Br	-
63P	873284	14	640165	6121519	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873285	14	637834	6121050	AGG	02	1-5	19	00	Hi	-	Br	-
63P	873286	14	638198	6119717	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873287	14	636600	6116583	AGG	02	>5	1	00	Lw	-	Gy	-
63P	873288	14	637289	6115187	AGG	02	1-5	7	00	Lw	-	GyBr	-
63P	873289	14	638285	6111861	AGG	02	.25-1	4	00	Md	-	Br	-
63P	873290	14	638346	6109519	AGG	02	>5	4	00	Md	-	Br	-
63P	873291	14	639554	6106330	AGG	02	>5	16	00	Md	-	GyBr	-
63P	873292	14	638067	6103402	AGG	02	>5	10	00	Md	-	GyBr	-
63P	873293	14	637142	6098459	AGG	02	.25-1	2	00	Md	-	Br	-
63P	873294	14	641852	6098681	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873295	14	641418	6102432	AGG	02	>5	10	00	Lw	-	Br	-
63P	873296	14	642961	6106093	AGG	02	>5	5	00	Lw	-	Br	-
63P	873298	14	641726	6110246	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873299	14	641031	6113737	AGG	02	.25-1	6	00	Lw	-	Br	-
63P	873300	14	640648	6117527	AGG	02	1-5	6	00	Lw	-	GyBr	-
63P	873302	14	644400	6119901	AGG	02	.25-1	7	10	Md	-	Br	-
63P	873303	14	644400	6119901	AGG	02	.25-1	7	20	Md	-	Br	-
63P	873304	14	648152	6120427	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873305	14	650698	6123099	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873307	14	651617	6126492	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873308	14	653228	6129613	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873309	14	651834	6132855	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873310	14	650433	6135226	AGG	02	>5	10	00	Lw	-	GyBr	-
63P	873311	14	647177	6136521	AFGR	02	>5	9	00	Lw	-	GyBr	-
63P	873312	14	656418	6133957	AGG	02	.25-1	2	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873268	79	10	4	10	3	<	105	1.0	<	0.92	30	65.4	2.4	130	18	<	<	<	10.0	-	-	40	6.8	<	18.5	5.80	72
63P	873269	78	10	4	9	3	<	85	1.0	<	0.91	55	73.0	2.1	130	15	0.3	<	<	10.0	-	-	50	6.8	<	19.5	5.70	69
63P	873270	101	9	3	7	3	<	110	1.0	<	0.54	30	81.4	1.2	90	17	0.3	<	<	10.0	-	-	20	6.4	<	7.0	1.40	20
63P	873272	109	8	4	8	3	<	121	1.0	<	0.74	60	70.0	2.1	115	19	0.3	<	<	10.0	-	-	50	6.7	<	14.0	2.90	41
63P	873273	64	15	7	18	6	<	180	1.0	<	2.02	40	30.0	2.5	250	7	<	<	<	10.0	-	-	50	6.7	0.09	24.5	6.40	88
63P	873274	70	16	8	20	7	<	201	1.0	<	2.41	45	29.0	2.5	300	36	<	<	2	10.0	<	7.50	60	6.9	<	27.5	7.90	98
63P	873275	82	25	9	26	8	<	250	2.0	<	2.64	70	29.2	5.1	305	31	<	<	<	10.0	-	-	50	6.8	0.09	24.5	6.30	85
63P	873276	38	19	5	10	4	<	156	1.0	<	1.20	60	23.4	3.0	215	37	<	<	<	10.0	-	-	50	7.3	0.42	39.0	8.00	132
63P	873277	110	9	3	9	4	<	192	<	<	0.76	40	70.8	1.4	150	17	<	<	<	10.0	-	-	30	6.4	<	9.5	1.90	25
63P	873278	102	7	4	8	3	<	66	1.0	<	0.80	65	73.4	1.5	85	13	0.4	<	<	10.0	-	-	30	6.6	<	14.5	3.10	45
63P	873279	125	6	3	6	3	<	468	1.0	<	1.17	50	75.2	0.8	105	12	0.2	<	<	10.0	-	-	20	6.5	<	8.5	1.70	24
63P	873280	106	10	4	10	4	<	139	<	<	1.01	25	75.4	1.0	130	14	0.3	<	<	10.0	-	-	20	6.4	<	7.0	1.60	23
63P	873282	82	10	7	14	5	<	110	1.0	<	1.31	50	61.8	4.2	225	22	0.2	<	<	10.0	-	-	100	6.9	<	27.5	6.30	90
63P	873283	84	9	6	14	5	<	108	1.0	<	1.28	60	61.8	3.5	210	21	0.2	<	<	10.0	-	-	100	7.0	<	26.5	6.40	90
63P	873284	63	14	4	13	3	<	81	<	<	0.81	45	61.4	2.2	160	12	<	<	<	10.0	-	-	60	6.9	<	23.0	5.70	82
63P	873285	40	12	7	11	4	<	342	1.0	<	1.44	55	30.6	3.2	225	8	<	<	<	10.0	-	-	50	6.8	<	18.0	4.60	59
63P	873286	131	12	4	12	4	<	100	1.0	<	1.06	45	66.2	14.1	145	17	0.4	<	<	10.0	-	-	50	6.8	<	17.5	4.50	60
63P	873287	63	24	7	23	8	<	191	2.0	<	2.13	20	20.8	2.3	295	29	<	<	<	10.0	-	-	40	6.8	<	18.0	4.90	66
63P	873288	85	19	5	15	5	<	179	1.0	<	1.75	25	64.6	2.4	160	28	<	<	<	10.0	-	-	40	6.8	<	20.0	5.00	68
63P	873289	93	23	9	24	8	<	188	1.0	<	2.48	70	39.6	5.6	285	29	<	<	<	10.0	-	-	50	6.9	<	22.5	6.10	81
63P	873290	88	31	7	26	7	<	160	1.0	<	1.82	80	49.6	8.3	230	27	<	<	3	10.0	<4	2.50	50	6.8	0.13	21.5	5.60	75
63P	873291	94	29	11	24	8	<	249	2.0	<	2.24	70	40.4	5.1	230	31	0.2	<	<	10.0	-	-	50	6.8	0.07	21.0	4.80	70
63P	873292	79	22	8	21	7	<	235	2.0	<	2.27	45	28.0	4.1	300	28	<	<	<	10.0	-	-	50	6.8	0.06	19.5	5.00	70
63P	873293	70	14	6	15	5	<	131	1.0	<	1.18	55	60.6	3.1	150	12	0.2	<	<	10.0	-	-	50	6.8	<	20.0	5.30	69
63P	873294	139	6	2	4	2	<	59	1.0	<	0.28	40	89.6	<	65	6	0.3	<	<	10.0	-	-	40	6.7	<	14.0	3.10	43
63P	873295	91	27	11	25	7	<	221	2.0	<	2.40	60	42.0	4.9	250	35	<	<	<	10.0	-	-	40	6.8	0.05	18.5	4.50	70
63P	873296	83	21	7	19	6	<	190	1.0	<	1.77	40	42.6	3.9	220	21	<	<	<	10.0	-	-	40	6.8	0.05	19.5	4.70	71
63P	873298	96	19	8	20	6	<	238	1.0	<	2.35	50	45.6	4.0	190	29	<	<	<	10.0	-	-	50	6.8	<	18.5	4.80	64
63P	873299	93	21	11	24	9	<	242	<	<	3.22	70	31.4	3.6	240	31	<	<	<	10.0	-	-	50	7.0	0.08	24.0	6.20	84
63P	873300	94	23	7	21	7	<	241	2.0	<	2.42	40	32.6	3.4	275	33	<	<	<	10.0	-	-	50	6.8	<	18.5	4.80	68
63P	873302	132	32	8	26	7	<	192	1.0	<	1.66	100	52.4	8.0	190	23	0.4	<	<	10.0	-	-	50	6.8	0.06	21.5	5.30	74
63P	873303	128	32	8	26	7	<	191	1.0	<	1.82	85	51.6	7.9	265	39	0.4	<	<	10.0	-	-	50	6.8	0.08	22.5	5.40	73
63P	873304	95	16	4	13	4	<	104	1.0	<	0.95	35	68.8	2.9	140	9	0.2	<	<	10.0	-	-	50	6.7	<	21.0	4.70	67
63P	873305	140	18	4	10	3	<	88	1.0	<	0.81	35	73.0	2.8	80	14	0.4	<	<	10.0	-	-	40	6.7	0.05	19.5	4.30	61
63P	873307	158	9	4	11	6	<	536	1.0	<	1.31	55	66.2	1.6	145	15	0.3	<	<	10.0	-	-	50	6.8	<	14.5	2.90	45
63P	873308	122	12	3	9	4	<	138	1.0	<	0.89	25	75.2	1.1	105	21	0.4	<	<	10.0	-	-	30	6.5	<	10.5	2.10	35
63P	873309	102	8	3	8	2	<	118	1.0	<	0.62	55	78.8	1.0	90	6	0.4	<	<	10.0	-	-	30	6.5	<	9.5	2.30	32
63P	873310	96	24	9	23	8	<	264	1.0	<	2.43	65	30.0	6.1	290	28	<	<	<	10.0	-	-	40	6.8	0.16	22.5	6.10	84
63P	873311	67	18	8	17	6	<	202	2.0	<	2.00	50	20.2	3.5	265	91	<	<	<	10.0	-	-	40	6.8	0.12	24.0	5.80	84
63P	873312	19	10	3	14	5	<	94	1.0	<	1.10	50	58.8	1.5	175	11	<	<	<	10.0	-	-	30	6.5	<	9.0	2.10	27

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63P	873313	14	659081	6131645	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873314	14	659536	6129857	AGG	02	1-5	3	00	Lw	-	Br	-
63P	873315	14	656430	6128501	AGG	02	1-5	11	00	Lw	-	GyBr	-
63P	873316	14	654886	6125247	AGG	02	.25-1	8	00	Lw	-	GyBr	-
63P	873317	14	652252	6120388	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873318	14	648617	6116657	AFGR	02	.25-1	3	00	Lw	-	Br	-
63P	873319	14	646149	6117843	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873320	14	644477	6113741	AGG	02	.25-1	7	00	Lw	-	Br	-
63P	873322	14	646545	6113151	AGG	02	.25-1	2	10	Lw	-	Br	-
63P	873323	14	646545	6113151	AGG	02	.25-1	2	20	Lw	-	Br	-
63P	873324	14	645609	6109948	AGG	02	.25-1	6	00	Lw	-	Br	-
63P	873325	14	644481	6106811	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873326	14	645493	6102406	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873327	14	644632	6100145	AGG	02	.25-1	4	00	Lw	-	Br	-
63P	873328	14	648698	6097812	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873329	14	647500	6101096	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873330	14	650860	6103404	AGG	02	>5	2	00	Md	-	Br	-
63P	873331	14	647741	6106272	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873332	14	648004	6107999	AGMV	02	1-5	2	00	Lw	-	Br	-
63P	873333	14	648861	6110711	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873335	14	652783	6116201	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873336	14	655569	6116807	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873337	14	654864	6118672	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873338	14	655685	6120983	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873339	14	658345	6122133	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873340	14	659916	6124733	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873342	14	661612	6125862	AGG	02	1-5	2	10	Lw	-	GyBr	-
63P	873343	14	661612	6125862	AGG	02	1-5	2	20	Lw	-	GyBr	-
63P	873344	14	663268	6127397	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873345	14	665421	6127284	AGG	02	.25-1	1	00	Lw	-	Br	-
63P	873346	14	666627	6124865	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873347	14	662568	6123526	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873348	14	661112	6121201	AGMV	02	>5	3	00	Lw	-	Br	-
63P	873349	14	660400	6118800	AGMV	02	>5	10	00	Lw	-	Br	-
63P	873350	14	660100	6118100	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873351	14	658840	6116331	AGG	02	>5	3	00	Md	-	GyBr	-
63P	873353	14	657953	6114152	AGG	02	>5	6	00	Md	-	GyBr	-
63P	873354	14	656140	6113110	AGG	02	>5	5	00	Md	-	Br	-
63P	873355	14	653882	6113410	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873356	14	653727	6110752	AGMV	02	1-5	2	00	Lw	-	Br	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873313	123	8	2	10	3	<	247	1.0	<	1.23	80	69.2	2.0	135	17	0.2	<	<	10.0	-	-	30	6.8	<	13.5	2.90	45
63P	873314	82	26	9	26	9	<	191	4.0	<	2.26	20	21.4	2.7	335	29	<	<	2	10.0	<	10.0	30	6.7	<	16.0	3.20	46
63P	873315	139	21	6	15	6	<	197	1.0	<	1.28	85	49.8	2.2	220	24	0.3	<	<	10.0	-	-	30	6.7	<	13.5	2.60	47
63P	873316	16	22	9	18	6	<	196	1.0	<	2.02	60	35.0	3.5	290	17	<	<	<	10.0	-	-	30	6.8	<	16.5	3.80	58
63P	873317	106	12	<	10	3	<	106	1.0	<	0.94	45	70.4	1.9	135	9	<	<	<	10.0	-	-	30	6.7	<	13.0	2.90	42
63P	873318	94	17	2	11	3	<	94	<	<	0.78	50	73.0	4.0	80	8	<	<	<	10.0	-	-	30	6.8	<	15.0	3.10	48
63P	873319	112	16	2	15	4	<	110	1.0	<	0.92	45	70.2	1.9	100	13	<	<	<	10.0	-	-	30	6.9	<	13.0	3.20	41
63P	873320	102	23	8	24	7	<	268	1.0	<	2.08	80	36.2	6.5	280	23	0.2	<	<	10.0	-	-	40	7.0	0.23	26.5	6.30	96
63P	873322	83	17	<	12	3	<	60	1.0	2	0.90	50	68.8	17.4	130	21	<	<	<	10.0	-	-	60	6.8	0.28	21.0	4.90	70
63P	873323	79	16	<	12	3	0.2	60	1.0	2	0.87	40	68.2	18.4	140	16	<	<	<	10.0	-	-	50	6.8	0.30	19.5	5.10	70
63P	873324	88	21	7	20	6	<	186	1.0	<	1.94	60	39.0	7.5	290	26	<	<	<	10.0	-	-	50	6.8	0.18	19.0	4.90	71
63P	873325	82	19	3	16	4	<	100	1.0	<	1.03	40	68.0	6.0	145	12	<	<	2	10.0	-	-	50	6.8	0.11	19.5	5.00	65
63P	873326	76	14	3	13	3	<	68	1.0	<	0.83	35	74.6	6.9	130	13	<	<	5	10.0	-	-	40	6.8	0.06	18.5	5.20	62
63P	873327	88	13	4	11	3	<	63	1.0	<	1.50	55	70.8	3.2	100	20	<	<	<	10.0	-	-	50	6.9	<	24.0	5.10	82
63P	873328	1740	11	5	13	5	<	144	1.0	<	1.34	30	61.0	1.8	215	18	<	<	2	10.0	-	-	30	6.7	<	12.5	2.90	41
63P	873329	99	12	6	16	4	<	167	1.0	<	1.43	40	38.6	1.4	280	18	<	<	2	10.0	<4	2.50	40	6.9	<	19.5	4.40	70
63P	873330	87	11	4	14	5	<	134	1.0	<	1.36	65	39.0	3.3	250	14	<	<	1	10.0	-	-	50	7.2	0.14	28.0	7.00	99
63P	873331	119	12	6	15	6	<	145	1.0	<	1.45	30	60.6	7.9	265	30	<	<	<	10.0	-	-	40	6.6	0.06	11.5	2.90	38
63P	873332	84	12	6	16	4	<	133	1.0	<	1.29	55	49.2	3.7	215	23	<	<	<	10.0	-	-	40	6.8	<	14.0	3.70	47
63P	873333	87	19	5	18	4	<	84	1.0	<	1.17	40	64.6	18.2	190	19	0.2	<	<	10.0	-	-	50	7.0	0.13	23.5	6.30	88
63P	873335	71	17	2	19	3	<	110	1.0	<	1.00	65	63.6	7.1	175	16	<	<	8	10.0	-	-	60	6.8	<	19.5	4.10	61
63P	873336	60	15	<	17	3	<	110	1.0	<	0.98	40	58.2	2.1	245	23	<	<	3	10.0	-	-	40	6.9	<	16.5	4.50	57
63P	873337	118	12	3	13	4	<	113	1.0	<	1.30	40	63.6	1.8	220	17	<	<	<	10.0	-	-	40	6.5	<	10.5	2.30	33
63P	873338	68	9	2	11	4	<	152	1.0	<	1.08	60	59.8	2.6	190	22	<	<	<	10.0	<4	2.50	50	7.0	<	25.0	5.60	84
63P	873339	102	11	2	10	4	<	106	1.0	<	1.17	30	63.6	2.0	190	13	<	<	<	10.0	-	-	40	6.7	<	13.0	2.80	41
63P	873340	71	5	<	3	<	<	44	1.0	<	0.58	35	73.4	2.2	100	7	<	<	<	10.0	-	-	30	6.6	<	11.5	2.60	34
63P	873342	116	11	6	14	4	<	91	1.0	<	1.28	40	48.8	1.4	245	20	<	<	<	10.0	-	-	60	6.5	<	11.0	2.70	35
63P	873343	113	8	5	11	4	<	72	<	<	1.06	30	35.4	1.3	245	18	<	<	<	10.0	-	-	50	6.5	<	14.5	2.60	35
63P	873344	117	10	6	14	4	<	102	1.0	<	0.92	50	63.0	2.2	235	18	<	<	<	10.0	-	-	40	6.6	<	12.0	2.70	37
63P	873345	122	6	2	8	3	<	192	1.0	<	0.97	70	71.8	1.0	210	22	<	<	<	10.0	-	-	40	6.5	<	9.5	1.80	29
63P	873346	31	6	5	6	2	<	84	1.0	<	0.95	45	20.6	2.2	195	9	<	<	<	10.0	-	-	40	6.9	<	22.5	4.30	76
63P	873347	99	13	6	15	5	<	112	1.0	<	1.33	50	41.6	2.1	250	23	<	<	<	10.0	-	-	40	6.7	<	16.0	3.60	48
63P	873348	83	13	8	17	6	<	240	1.0	<	2.18	60	20.4	3.9	295	20	<	<	<	10.0	-	-	40	6.8	0.06	22.0	4.00	68
63P	873349	109	41	11	34	9	0.2	229	2.0	<	1.87	115	45.4	7.1	295	43	<	<	<	10.0	-	-	50	6.9	0.06	20.0	4.60	68
63P	873350	84	36	4	21	6	0.3	71	1.0	3	1.05	70	59.4	7.3	115	19	<	<	<	10.0	-	-	40	6.8	<	19.5	4.70	61
63P	873351	83	17	5	15	4	<	116	1.0	<	1.53	50	58.0	2.6	175	26	<	<	13	10.0	-	-	50	6.8	0.08	20.5	4.30	67
63P	873353	47	13	5	18	7	<	139	2.0	<	2.04	25	8.4	2.3	360	24	<	<	<	10.0	-	-	60	6.8	0.08	19.5	4.40	67
63P	873354	95	22	6	18	5	<	160	1.0	<	1.50	65	50.0	6.3	230	26	<	<	<	10.0	2	5.00	50	6.9	0.12	19.5	4.30	67
63P	873355	75	8	6	7	3	<	113	1.0	<	0.96	50	73.2	4.6	145	10	<	<	<	10.0	-	-	40	6.7	<	17.5	3.50	57
63P	873356	61	12	5	15	5	0.2	182	1.0	<	1.27	45	59.6	6.7	235	27	<	<	<	10.0	-	-	40	6.8	0.20	21.0	4.60	66

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
63P	873357	14	651703	6111058	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873358	14	651400	6110092	AGG	02	>5	2	00	Lw	-	GyBr	-
63P	873359	14	654191	6108596	AGVS	02	.25-1	2	00	Lw	-	Br	-
63P	873360	14	650898	6108582	AGMV	02	>5	2	00	Lw	-	GyBr	-
63P	873362	14	652602	6101060	AGG	02	.25-1	6	10	Lw	-	Br	-
63P	873363	14	652602	6101060	AGG	02	.25-1	6	20	Lw	-	Br	-
63P	873364	14	652953	6097929	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873365	14	655673	6098039	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873366	14	656414	6100557	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873367	14	656210	6103939	AGG	02	.25-1	4	00	Lw	-	Br	-
63P	873368	14	653953	6106012	AGMV	02	1-5	2	00	Lw	-	Br	-
63P	873369	14	656145	6109553	AGMV	02	.25-1	3	00	Lw	-	Br	-
63P	873370	14	658935	6112376	AGG	02	1-5	3	00	Lw	-	Br	-
63P	873371	14	662070	6116325	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873372	14	662600	6118100	AGMV	02	.25-1	4	00	Lw	-	Br	-
63P	873373	14	664363	6120516	AGMV	02	1-5	4	00	Lw	-	Br	-
63P	873374	14	667133	6121890	AGMV	02	1-5	4	00	Lw	-	Br	-
63P	873375	14	666122	6116774	AGG	02	.25-1	4	00	Lw	-	Br	-
63P	873376	14	665520	6114900	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873377	14	663432	6114594	AGG	02	.25-1	2	00	Lw	-	GyBr	-
63P	873378	14	661972	6112219	AGMV	02	1-5	3	00	Lw	-	GyBr	-
63P	873380	14	658862	6107972	AGVS	02	.25-1	1	00	Lw	-	Br	-
63P	873382	14	658050	6107624	AGVS	02	1-5	2	10	Lw	-	Br	-
63P	873383	14	658050	6107624	AGVS	02	1-5	2	20	Lw	-	Br	-
63P	873384	14	658222	6104846	AGG	02	.25-1	4	00	Lw	-	Br	-
63P	873386	14	659545	6098281	AGG	02	.25-1	3	00	Lw	-	Br	-
63P	873387	14	662459	6102511	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873388	14	660195	6103332	AGG	02	.25-1	2	00	Md	-	Br	-
63P	873389	14	660523	6104343	AGG	02	.25-1	2	00	Md	-	Br	-
63P	873390	14	662234	6104176	AGG	02	.25-1	2	00	Md	-	Br	-
63P	873391	14	662015	6105239	AGMV	02	.25-1	2	00	Md	-	GyBr	-
63P	873392	14	660553	6105963	AGMV	02	.25-1	2	00	Md	-	Br	-
63P	873393	14	663854	6106225	AGFV	02	1-5	4	00	Md	-	Br	-
63P	873394	14	662932	6107539	AGVS	02	.25-1	2	00	Md	-	Br	-
63P	873395	14	660385	6108577	AGMV	02	>5	2	00	Lw	-	Br	-
63P	873396	14	661319	6109105	AGMV	02	>5	2	00	Lw	-	Br	-
63P	873397	14	663401	6110007	AGG	02	1-5	2	00	Lw	-	Br	-
63P	873398	14	666376	6110046	AGMV	02	.25-1	2	00	Lw	-	GyBr	-
63P	873399	14	666987	6111482	AGMV	02	.25-1	3	00	Lw	-	Br	-
63P	873400	14	667897	6115319	AGG	02	1-5	2	00	Lw	-	GyBr	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data. Manitoba 1988, GSC OF-1641, NGR-106-1988, NTS 63H, 63I, 63P

Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873357	98	23	6	11	3	0.2	63	1.0	<	0.96	45	73.2	14.4	120	24	<	<	<	10.0	-	-	50	6.9	0.12	23.5	4.50	75
63P	873358	49	21	6	18	5	<	250	5.0	4	1.85	20	11.4	7.7	560	62	<	<	<	10.0	-	-	50	6.8	0.23	20.5	4.90	71
63P	873359	74	6	5	9	2	<	176	<	<	0.44	65	81.8	0.5	90	15	<	<	4	10.0	-	-	50	6.7	<	11.5	3.60	34
63P	873360	82	15	9	19	5	<	119	1.0	<	1.47	50	55.0	5.3	305	25	0.3	<	<	10.0	-	-	40	6.8	0.11	18.5	4.60	64
63P	873362	122	18	7	16	6	<	170	1.0	<	1.54	70	52.6	5.9	320	26	0.5	<	4	10.0	-	-	40	7.0	0.08	19.0	3.90	62
63P	873363	125	17	7	16	7	0.2	184	2.0	<	1.55	70	54.8	5.3	230	27	0.4	<	<	10.0	<4	2.50	40	6.8	0.05	18.0	4.10	63
63P	873364	85	13	6	16	5	<	134	1.0	<	1.35	70	58.0	3.5	200	29	0.3	<	<	10.0	-	-	50	6.9	<	25.0	5.40	83
63P	873365	101	15	7	17	5	<	151	1.0	<	1.31	80	51.8	4.3	265	32	0.4	<	<	10.0	-	-	50	6.9	<	25.5	6.10	83
63P	873366	142	14	7	16	5	<	154	1.0	<	1.43	45	53.8	4.3	240	20	0.3	<	<	10.0	-	-	50	6.8	<	16.0	4.10	52
63P	873367	96	15	6	17	5	<	110	1.0	<	1.11	60	58.6	5.5	230	22	0.4	<	<	10.0	-	-	40	7.3	0.05	36.5	9.30	119
63P	873368	70	23	5	16	4	<	122	1.0	<	1.17	65	47.0	4.3	300	20	0.2	<	<	10.0	-	-	70	6.9	0.16	25.5	6.90	92
63P	873369	89	19	11	25	8	<	263	1.0	<	2.88	45	36.4	3.2	440	39	0.2	<	<	10.0	-	-	60	6.8	<	17.0	5.80	62
63P	873370	93	17	7	21	6	<	171	1.0	<	2.09	35	40.4	4.2	385	25	0.3	<	3	10.0	<2	5.00	40	6.8	0.09	18.5	5.10	66
63P	873371	93	10	5	13	5	<	201	1.0	<	1.35	75	54.2	3.3	235	15	0.5	<	<	10.0	-	-	50	6.8	<	18.5	4.30	58
63P	873372	85	16	7	18	6	<	207	1.0	<	1.61	60	47.0	6.3	420	30	0.3	<	1	10.0	-	-	50	7.0	<	26.5	6.70	83
63P	873373	122	22	9	24	8	<	198	2.0	<	1.95	80	40.0	7.0	390	35	0.4	<	<	10.0	-	-	50	6.8	0.10	18.0	5.00	68
63P	873374	93	2	8	18	6	<	196	2.0	<	1.87	60	34.2	4.1	345	28	0.3	<	<	10.0	-	-	50	6.8	0.09	21.5	4.90	68
63P	873375	83	12	<	8	2	<	70	1.0	<	0.85	35	71.4	6.3	140	19	0.2	<	<	10.0	-	-	40	6.8	<	20.5	4.70	69
63P	873376	69	13	4	13	4	0.3	152	1.0	<	0.84	65	61.0	3.4	220	18	0.4	<	1	10.0	<2	5.00	60	6.9	<	21.5	6.50	77
63P	873377	99	16	6	15	5	<	118	1.0	<	1.34	40	55.0	2.2	260	22	0.3	<	<	10.0	-	-	50	6.7	<	14.0	3.60	43
63P	873378	88	17	8	17	5	<	161	1.0	<	1.95	45	37.0	3.8	310	30	0.2	<	<	10.0	-	-	50	6.7	0.08	20.0	5.00	66
63P	873380	72	14	8	17	5	0.3	365	1.0	<	1.65	60	44.4	2.9	250	30	0.2	<	<	10.0	-	-	70	6.9	0.09	23.0	6.00	78
63P	873382	69	14	6	18	4	0.2	173	1.0	<	1.18	45	55.2	3.3	220	28	<	<	1	10.0	8	2.50	50	6.8	0.07	22.5	5.60	77
63P	873383	77	14	6	18	4	0.3	214	1.0	<	1.19	40	54.4	4.0	225	30	<	<	4	10.0	-	-	50	6.8	0.08	21.5	5.80	77
63P	873384	86	20	4	10	3	0.4	66	<	2	0.56	35	73.2	14.5	135	14	0.3	<	<	10.0	<4	2.50	40	7.0	0.17	30.0	8.00	107
63P	873386	101	8	8	8	2	<	105	1.0	<	0.78	55	48.0	1.4	145	18	0.3	<	<	10.0	-	-	50	6.8	<	23.5	5.10	72
63P	873387	88	18	4	13	4	0.2	104	1.0	<	0.59	40	75.0	10.8	115	14	0.3	<	<	10.0	-	-	50	6.9	0.12	11.5	5.40	71
63P	873388	82	21	7	21	5	0.3	113	1.0	<	1.18	65	44.8	10.4	290	28	0.2	<	<	10.0	-	-	40	6.8	0.34	20.0	5.20	69
63P	873389	64	16	6	12	3	0.2	103	<	<	0.71	60	69.6	9.4	145	22	0.2	<	<	10.0	-	-	40	6.8	0.24	21.0	5.20	69
63P	873390	95	14	8	24	6	0.2	184	1.0	<	1.79	45	46.8	2.8	345	28	0.2	<	<	10.0	-	-	40	7.0	<	23.0	5.10	72
63P	873391	85	24	9	23	7	<	144	1.0	<	1.62	65	46.2	7.4	390	35	<	<	<	10.0	-	-	40	6.9	0.16	24.0	6.30	78
63P	873392	90	20	3	13	2	<	51	<	<	0.30	35	78.0	1.0	80	17	0.5	<	<	10.0	-	-	30	6.8	<	21.5	5.50	71
63P	873393	81	19	7	19	9	0.2	232	2.0	<	3.00	40	17.2	3.4	250	36	<	<	1	10.0	-	-	30	6.9	0.09	22.0	5.00	73
63P	873394	95	11	4	10	3	<	106	2.0	<	0.44	35	78.8	1.0	80	9	0.4	<	<	10.0	-	-	30	6.6	<	14.5	2.90	44
63P	873395	82	19	6	16	5	0.7	162	1.0	<	1.16	60	61.4	8.7	255	25	0.2	<	<	10.0	-	-	40	6.9	0.09	22.0	5.50	74
63P	873396	87	16	6	13	4	0.4	217	1.0	<	1.13	40	61.2	8.6	240	20	0.2	<	<	10.0	-	-	40	6.8	0.10	22.0	5.60	72
63P	873397	93	13	5	9	3	0.3	152	<	<	1.06	40	69.8	5.7	200	17	0.3	<	<2	10.0	-	-	60	7.2	0.54	37.0	7.90	111
63P	873398	109	17	6	12	5	<	100	<	<	1.09	30	69.4	14.7	180	13	0.5	<	<	10.0	-	-	40	6.5	<	10.5	2.40	34
63P	873399	83	19	3	8	2	<	100	1.0	4	1.10	80	65.6	30.3	90	16	0.2	<	<	10.0	-	-	50	7.2	0.69	27.5	10.00	105
63P	873400	112	13	5	10	4	<	72	<	<	0.98	30	66.6	2.3	145	17	0.5	<	<	10.0	-	-	40	6.5	<	10.0	2.50	33

Map	Sample ID	ZN	UTM Easting	UTM Northing	Rock Type	Rock Age	Lake Area	Lake Dep	Rep Stat	Relief	Cont	Sample Colour	Susp Matl
63P	873402	14	669353	6117625	AGG	02	.25-1	2	10	Lw	-	Br	-
63P	873403	14	669353	6117625	AGG	02	.25-1	2	20	Lw	-	Br	-
63P	873405	14	667658	6120402	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873406	14	669982	6122472	AGG	02	.25-1	2	00	Lw	-	Br	-
63P	873407	14	670277	6121412	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873408	14	671105	6119765	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873409	14	671173	6118617	AGG	02	1-5	2	00	Lw	-	GyBr	-
63P	873410	14	673707	6117903	AGG	02	.25-1	2	00	Md	-	Br	-
63P	873411	14	671912	6113583	AGG	02	>5	2	00	Md	-	GyBr	-
63P	873412	14	669051	6111717	AGMV	02	.25-1	2	00	Lw	-	Br	-
63P	873413	14	670933	6110614	AGMV	02	>5	5	00	Md	-	GyBr	-
63P	873414	14	670045	6108759	AGFV	02	>5	2	00	Lw	-	Br	-
63P	873415	14	668896	6107236	AGVS	02	>5	2	00	Lw	-	Br	-
63P	873416	14	667090	6108982	AGMV	02	>5	6	00	Lw	-	Br	-
63P	873417	14	667230	6107721	AGVS	02	>5	5	00	Lw	-	GyBr	-
63P	873418	14	666365	6105682	AGMV	02	.25-1	4	00	Lw	-	Br	-
63P	873419	14	664730	6099758	AGG	02	.25-1	3	00	Lw	-	Br	-

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Analytical Data

		Sediment																					Water					
	Element:	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	Au	Au	Au	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
	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	.2	5	1.0	2	.02	10	1.0	.5	20	5	.2	.2	1-var	wght	1-var	wght	20		0.05	0.2	0.02	2
	Analytical Method:	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV	NADNC	ISE	AAS	AAS	AAS	FA-NA		rpt	rpt	ISE	GCM	LIF	AAS	AAS	AAS
63P	873402	74	13	9	18	6	<	142	1.0	<	1.44	70	44.8	2.9	375	26	0.2	<	<	10.0	-	-	70	6.8	<	24.0	5.40	74
63P	873403	85	14	10	20	6	0.2	144	1.0	<	1.55	65	45.8	2.9	370	23	0.2	<	<	10.0	-	-	70	6.9	<	22.5	5.70	74
63P	873405	87	14	7	19	6	<	167	1.0	<	1.42	60	54.8	15.7	350	29	0.2	<	<	10.0	-	-	80	6.8	0.19	18.0	4.60	60
63P	873406	79	17	8	18	5	<	152	1.0	<	1.43	65	56.4	14.8	310	30	0.2	<	<	10.0	-	-	80	6.8	0.26	20.5	5.30	67
63P	873407	96	11	5	10	3	<	76	<	<	0.67	25	69.2	1.3	190	18	<	<	<	10.0	-	-	60	6.6	<	14.0	4.20	49
63P	873408	97	16	9	21	6	0.2	146	1.0	<	1.55	65	53.0	3.8	305	26	0.4	<	<	10.0	-	-	60	6.8	<	22.0	5.50	71
63P	873409	90	17	10	22	7	0.2	179	1.0	<	1.97	45	44.8	2.9	380	27	0.2	<	<	10.0	-	-	70	6.9	<	23.5	5.80	74
63P	873410	89	17	6	14	5	<	239	1.0	<	1.28	70	60.0	2.7	235	23	0.4	<	<	10.0	-	-	60	6.8	<	19.0	5.00	68
63P	873411	91	13	6	16	4	<	110	1.0	<	1.14	50	62.4	1.9	240	19	0.2	<	<	10.0	-	-	60	6.9	<	21.0	5.50	73
63P	873412	100	14	5	12	2	<	58	1.0	2	0.39	45	84.2	5.7	90	14	0.3	<	<	10.0	-	-	60	7.0	<	25.0	5.50	82
63P	873413	81	26	7	20	5	<	132	2.0	<	1.38	75	54.4	7.5	220	29	0.3	<	<	10.0	-	-	50	6.8	0.15	21.0	5.20	74
63P	873414	66	20	6	16	4	0.2	135	2.0	<	1.22	55	53.6	4.8	235	28	0.2	<	<	10.0	-	-	50	6.9	0.08	18.5	4.80	68
63P	873415	67	15	6	20	7	<	189	2.0	<	2.53	40	19.4	3.2	285	28	<	<	<	10.0	-	-	50	6.9	0.08	22.0	5.10	71
63P	873416	91	26	10	22	7	0.2	188	2.0	<	1.99	75	44.2	7.3	295	32	0.2	<	1	10.0	-	-	50	6.9	0.14	21.0	5.40	72
63P	873417	93	26	6	23	6	0.2	145	2.0	<	1.61	75	51.2	7.1	280	34	0.2	<	<	10.0	-	-	50	6.9	0.11	20.5	5.10	71
63P	873418	82	17	5	14	5	<	116	1.0	<	1.07	60	64.2	2.4	230	19	0.2	<	<	10.0	-	-	50	6.9	<	25.0	6.10	82
63P	873419	134	12	7	14	5	<	121	1.0	<	1.68	45	56.6	7.8	235	11	0.4	<	2	10.0	-	-	50	6.9	<	20.5	4.20	64

Summary Statistics for Total Data Set

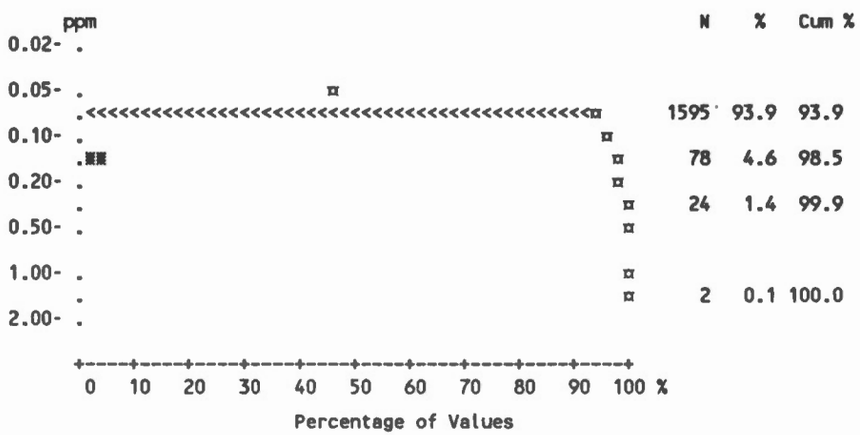
Variable	Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppb	pct
Detection Limit	2	2	2	2	2	.2	5	1.0	2	.02	10	1.0
Analytical Method	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	GRAV
Number of Values	1699	1699	1699	1699	1699	1699	1699	1699	1699	1699	1699	1699
Values >= D.L.	1698	1697	1518	1685	1539	94	1698	331	129	1699	1693	1699
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0
Mean	113.07	16.27	6.84	17.25	6.01	0.1092	166.98	1.14	1.36	1.34	44.27	52.84
Standard Deviation	59.17	7.75	3.86	9.75	3.36	0.0483	112.14	1.16	1.04	0.9691	17.61	22.99
Skewness	15.31	1.46	0.7541	1.13	1.06	8.81	2.48	5.90	5.56	1.27	1.48	-0.6375
Excess Kurtosis	383.34	4.86	0.0421	1.23	0.9191	110.15	14.50	58.21	48.44	1.00	5.31	-0.6903
Coef. of Var. %	52.32	47.65	56.48	56.53	55.92	44.21	67.16	101.61	76.46	72.51	39.78	43.51
Std Error of the Mean	1.44	0.1881	0.0937	0.2366	0.0815	0.0012	2.72	0.0280	0.0252	0.0235	0.4272	0.5577
Lower 95% limit on Mean	110.26	15.90	6.65	16.79	5.85	0.1069	161.64	1.08	1.31	1.29	43.43	51.74
Upper 95% limit on Mean	115.89	16.64	7.02	17.71	6.17	0.1115	172.31	1.19	1.41	1.38	45.11	53.93
Geometric Statistics												
Mean	104.92	14.62	5.70	14.63	5.14	0.1052	139.14	0.8932	1.20	1.04	41.07	44.06
Log10 Mean	2.02	1.16	0.7559	1.17	0.7106	-0.9782	2.14	-0.0490	0.0793	0.0170	1.61	1.64
Log10 S.D.	0.1770	0.2044	0.2805	0.2633	0.2508	0.0966	0.2607	0.2701	0.1800	0.3145	0.1717	0.3222
Log10 Std. Error of Mean	0.0043	0.0050	0.0068	0.0064	0.0061	0.0023	0.0063	0.0066	0.0044	0.0076	0.0042	0.0078
Lower 95% limit on Mean	102.90	14.30	5.53	14.22	5.00	0.1040	135.22	0.8672	1.18	1.00	40.31	42.53
Upper 95% limit on Mean	106.97	14.95	5.88	15.06	5.28	0.1063	143.17	0.9201	1.22	1.08	41.85	45.64
Percentiles												
Min Value	1.00	1.00	1.00	1.00	1.00	0.1000	2.00	0.5000	1.00	0.0600	5.00	1.40
25th %tile	92.00	11.00	4.00	10.00	4.00	0.1000	88.00	0.5000	1.00	0.6400	30.00	36.20
50th %tile	111.00	15.00	6.00	15.00	5.00	0.1000	141.00	1.00	1.00	1.02	40.00	58.80
75th %tile	130.00	20.00	9.00	22.00	8.00	0.1000	210.00	1.00	1.00	1.79	50.00	71.00
80th %tile	136.00	22.00	10.00	25.00	9.00	0.1000	231.00	1.00	1.00	2.04	55.00	73.20
90th %tile	153.00	27.00	13.00	31.00	11.00	0.1000	307.00	2.00	2.00	2.83	65.00	77.80
95th %tile	169.00	31.00	14.00	37.00	13.00	0.2000	382.00	3.00	3.00	3.45	75.00	81.60
98th %tile	188.00	36.00	16.00	45.00	15.00	0.2000	476.00	4.00	4.00	3.97	90.00	85.40
99th %tile	211.00	39.00	17.00	48.00	16.00	0.3000	537.00	5.00	6.00	4.19	100.00	87.80
Max Value	1740.00	80.00	22.00	59.00	20.00	1.00	19596	17.00	17.00	5.03	180.00	90.60

Summary Statistics for Total Data Set

Variable	U	F	V	Cd	Sb	Au	F-W	pH	U-W	Ca-W	Mg-W	T-Alk
Units	ppm	ppm	ppm	ppm	ppm	ppb	ppb		ppb	ppm	ppm	ppm
Detection Limit	.5	20	5	.2	.2	1-var	20		0.05	0.2	0.02	2
Analytical Method	NADNC	ISE	AAS	AAS	AAS	FA-NA	ISE	GCM	LIF	AAS	AAS	AAS
Number of Values	1699	1699	1699	1699	1699	1698	1699	1698	1699	1699	1699	1699
Values >= D.L.	1648	1698	1659	877	104	110	1675	1698	430	1699	1699	1699
Number of Missing Values	0	0	0	0	0	1	0	1	0	0	0	0
Mean	3.24	210.23	19.62	0.2447	0.1099	0.7176	47.63	6.73	0.0738	16.61	3.97	52.71
Standard Deviation	3.86	120.66	11.74	0.4689	0.0682	1.26	15.01	0.2374	0.1587	6.64	2.08	22.30
Skewness	6.25	0.8334	1.16	32.61	19.38	13.38	1.32	0.4624	11.18	0.4206	1.56	0.3804
Excess Kurtosis	59.86	0.1637	1.20	1234.82	480.47	241.31	2.59	3.01	204.96	0.1593	3.08	-0.0472
Coef. of Var. %	119.25	57.39	59.83	191.64	62.05	174.92	31.51	3.53	215.02	39.99	52.27	42.30
Std Error of the Mean	0.0937	2.93	0.2848	0.0114	0.0017	0.0305	0.3641	0.0058	0.0039	0.1611	0.0504	0.5409
Lower 95% limit on Mean	3.06	204.48	19.06	0.2224	0.1067	0.6578	46.91	6.72	0.0663	16.29	3.87	51.65
Upper 95% limit on Mean	3.42	215.97	20.18	0.2670	0.1132	0.7774	48.34	6.74	0.0814	16.93	4.07	53.77
Geometric Statistics												
Mean	2.35	177.04	16.52	0.1854	0.1054	0.5717	45.55	6.73	0.0397	15.16	3.52	47.41
Log10 Mean	0.3715	2.25	1.22	-0.7318	-0.9773	-0.2428	1.66	0.8278	-1.40	1.18	0.5461	1.68
Log10 S.D.	0.3278	0.2623	0.2593	0.2927	0.0971	0.2015	0.1282	0.0152	0.3833	0.1958	0.2153	0.2145
Log10 Std. Error of Mean	0.0080	0.0064	0.0063	0.0071	0.0024	0.0049	0.0031	0.0004	0.0093	0.0048	0.0052	0.0052
Lower 95% limit on Mean	2.27	172.02	16.06	0.1796	0.1042	0.5592	44.91	6.72	0.0381	14.84	3.43	46.31
Upper 95% limit on Mean	2.44	182.20	17.00	0.1915	0.1065	0.5845	46.19	6.74	0.0414	15.49	3.60	48.54
Percentiles												
Min Value	0.2000	10.00	2.00	0.1000	0.1000	0.5000	20.00	5.70	0.0200	1.60	0.4000	5.00
25th %tile	1.50	105.00	11.00	0.1000	0.1000	0.5000	40.00	6.60	0.0200	11.60	2.56	36.00
50th %tile	2.40	185.00	16.00	0.2000	0.1000	0.5000	40.00	6.70	0.0200	16.20	3.64	52.00
75th %tile	3.60	290.00	27.00	0.3000	0.1000	0.5000	50.00	6.90	0.0500	21.00	4.80	67.00
80th %tile	4.00	310.00	29.00	0.4000	0.1000	0.5000	60.00	6.90	0.0800	22.00	5.00	70.00
90th %tile	5.70	385.00	37.00	0.5000	0.1000	0.5000	70.00	7.00	0.1600	25.00	6.20	84.00
95th %tile	8.20	440.00	44.00	0.6000	0.2000	2.00	80.00	7.10	0.3900	28.00	8.60	93.00
98th %tile	14.70	500.00	50.00	0.7000	0.2000	3.00	90.00	7.30	0.4800	31.00	10.40	101.00
99th %tile	20.20	555.00	54.00	0.8000	0.3000	5.00	100.00	7.40	0.5200	33.00	11.20	106.00
Max Value	59.30	695.00	91.00	18.10	2.00	30.00	120.00	8.30	3.50	47.00	14.00	144.00

Statistics per Variable

Variable - Antimony [Sb]
Number of Values - 1699
Units - ppm
Detection Limit - .2
Analytical Method - AAS

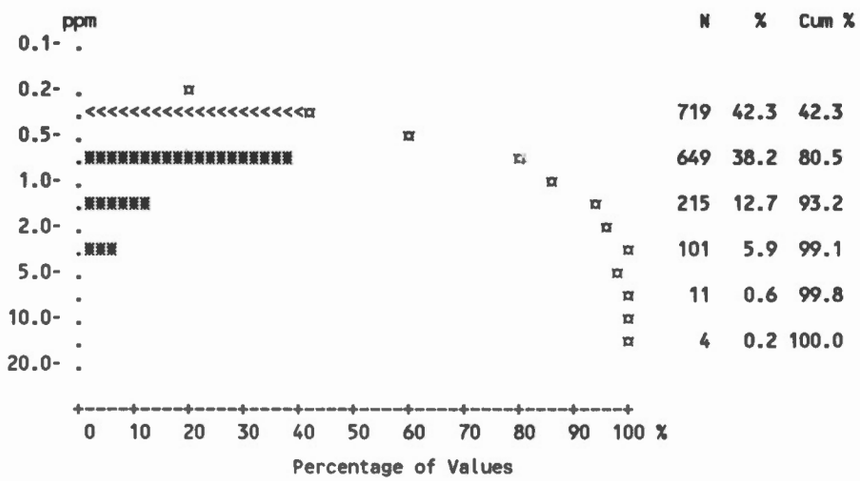


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	104	11	0	1	65	21	3
Number of Missing Values	0	0	0	0	0	0	0
Mean	0.11	0.12	-	0.13	0.11	0.12	0.12
Standard Deviation	0.07	0.046	-	0.090	0.071	0.051	0.066
Skewness	19.38	1.90	-	2.47	20.37	3.12	3.30
Excess Kurtosis	480.47	2.82	-	4.52	488.70	9.61	10.68
Coef. of Var. %	62.05	37.54	-	71.07	65.92	43.49	54.46
Std. Error of the Mean	0.00	0	-	0.027	0	0	0.013
Lower 95% limit on Mean	0.11	0.11	-	0.067	0.10	0.11	0.093
Upper 95% limit on Mean	0.11	0.13	-	0.19	0.11	0.13	0.15
Geometric Statistics							
Mean	0.11	0.12	-	0.11	0.10	0.11	0.11
Log10 Mean	-0.98	-0.94	-	-0.95	-0.98	-0.95	-0.95
Log10 S.D.	0.10	0.13	-	0.18	0.089	0.13	0.14
Log10 Std. Error of Mean	0.00	0.017	-	0.055	0	0	0.030
Lower 95% limit on Mean	0.10	0.11	-	0.086	0.10	0.11	0.097
Upper 95% limit on Mean	0.11	0.12	-	0.15	0.11	0.12	0.13
Percentiles							
Min Value	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
50th %tile	0.10	0.10	-	0.10	0.10	0.10	0.10
75th %tile	0.10	0.10	-	0.10	0.10	0.10	0.10
80th %tile	0.10	0.10	-	0.10	0.10	0.10	0.10
90th %tile	0.10	0.20	-	0.10	0.10	0.20	0.20
95th %tile	0.20	0.20	-	0.40	0.10	0.20	0.20
98th %tile	0.20	0.20	-	0.40	0.20	0.30	0.40
99th %tile	0.30	0.30	-	0.40	0.30	0.30	0.40
Max Value	2.00	0.30	-	0.40	2.00	0.40	0.40

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

Statistics per Variable

Variable - Arsenic [As]
Number of Values - 1699
Units - ppm
Detection Limit - 1.0
Analytical Method - AAS

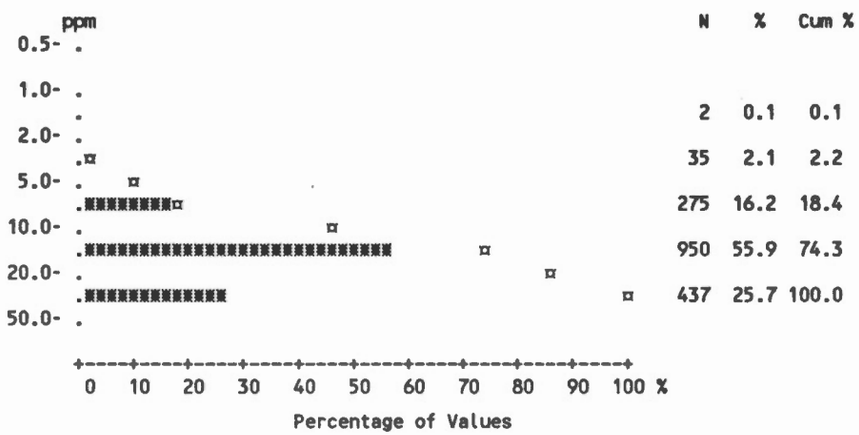


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	331	27	6	4	214	55	18
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.14	1.65	0.98	1.32	1.05	1.47	2.38
Standard Deviation	1.16	0.97	0.62	0.56	1.11	1.26	2.24
Skewness	5.90	0.63	0.83	0.27	7.00	2.50	3.26
Excess Kurtosis	58.21	-0.68	-1.06	-1.73	78.27	7.32	11.36
Coef. of Var. %	101.61	58.56	63.31	42.49	105.49	85.49	94.20
Std. Error of the Mean	0.03	0.13	0.12	0.17	0.030	0.096	0.46
Lower 95% limit on Mean	1.08	1.39	0.72	0.94	0.99	1.28	1.43
Upper 95% limit on Mean	1.19	1.91	1.24	1.69	1.11	1.66	3.32
Geometric Statistics							
Mean	0.89	1.38	0.82	1.21	0.83	1.16	1.87
Log10 Mean	-0.05	0.14	-0.084	0.082	-0.079	0.063	0.27
Log10 S.D.	0.27	0.27	0.25	0.19	0.26	0.29	0.29
Log10 Std. Error of Mean	0.01	0.036	0.051	0.059	0	0.022	0.059
Lower 95% limit on Mean	0.87	1.16	0.65	0.89	0.81	1.05	1.42
Upper 95% limit on Mean	0.92	1.63	1.05	1.63	0.86	1.28	2.48
Percentiles							
Min Value	0.50	0.50	0.50	0.50	0.50	0.50	0.50
25th %tile	0.50	1.00	0.50	1.00	0.50	1.00	1.00
50th %tile	1.00	1.00	0.50	1.00	1.00	1.00	2.00
75th %tile	1.00	2.00	1.00	2.00	1.00	2.00	2.00
80th %tile	1.00	3.00	2.00	2.00	1.00	2.00	3.00
90th %tile	2.00	3.00	2.00	2.00	2.00	3.00	4.00
95th %tile	3.00	3.00	2.00	2.00	3.00	5.00	4.00
98th %tile	4.00	4.00	2.00	2.00	4.00	6.00	12.00
99th %tile	5.00	4.00	2.00	2.00	5.00	7.00	12.00
Max Value	17.00	4.00	2.00	2.00	17.00	8.00	12.00

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

Statistics per Variable

Variable - Calcium in Water [Ca-W]
Number of Values - 1699
Units - ppm
Detection Limit - 0.2
Analytical Method - AAS

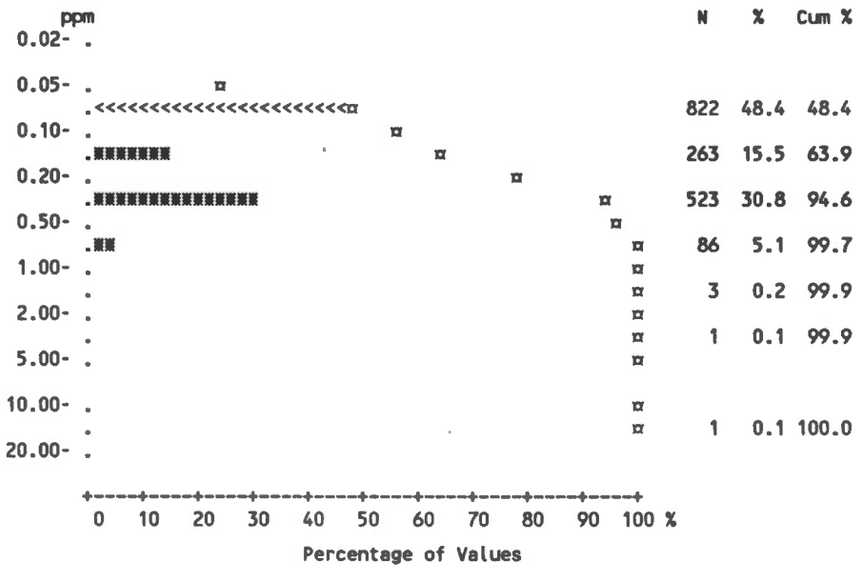


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1699	56	25	11	1394	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	16.61	20.62	11.53	20.97	15.91	20.00	24.56
Standard Deviation	6.64	6.69	6.47	5.88	6.54	4.63	7.59
Skewness	0.42	-0.30	0.91	0.20	0.56	-0.081	0.54
Excess Kurtosis	0.16	-1.19	-0.051	-1.09	0.37	0	1.36
Coef. of Var. %	39.99	32.44	56.11	28.05	41.13	23.16	30.90
Std. Error of the Mean	0.16	0.89	1.29	1.77	0.18	0.35	1.55
Lower 95% limit on Mean	16.29	18.82	8.86	17.02	15.56	19.31	21.35
Upper 95% limit on Mean	16.93	22.41	14.20	24.92	16.25	20.70	27.76
Geometric Statistics							
Mean	15.16	19.37	9.99	20.21	14.49	19.42	23.38
Log10 Mean	1.18	1.29	1.00	1.31	1.16	1.29	1.37
Log10 S.D.	0.20	0.16	0.24	0.13	0.20	0.11	0.14
Log10 Std. Error of Mean	0.00	0.022	0.047	0.038	0	0	0.030
Lower 95% limit on Mean	14.84	17.53	7.98	16.63	14.14	18.70	20.31
Upper 95% limit on Mean	15.49	21.42	12.51	24.55	14.84	20.17	26.91
Percentiles							
Min Value	1.60	8.00	4.00	12.50	1.60	9.00	9.80
25th %tile	11.60	13.80	6.40	16.40	11.00	17.40	20.00
50th %tile	16.20	22.00	9.80	22.00	15.40	20.00	25.00
75th %tile	21.00	26.00	15.20	24.00	20.00	22.00	29.00
80th %tile	22.00	27.00	16.80	24.00	21.00	24.00	30.00
90th %tile	25.00	29.00	21.00	27.00	25.00	26.00	31.00
95th %tile	28.00	30.00	21.00	32.00	28.00	28.00	31.00
98th %tile	31.00	30.00	29.00	32.00	31.00	29.00	47.00
99th %tile	33.00	32.00	29.00	32.00	34.00	30.00	47.00
Max Value	47.00	32.00	29.00	32.00	46.00	33.00	47.00

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

Statistics per Variable

Variable - Cadmium [Cd]
Number of Values - 1699
Units - ppm
Detection Limit - .2
Analytical Method - AAS

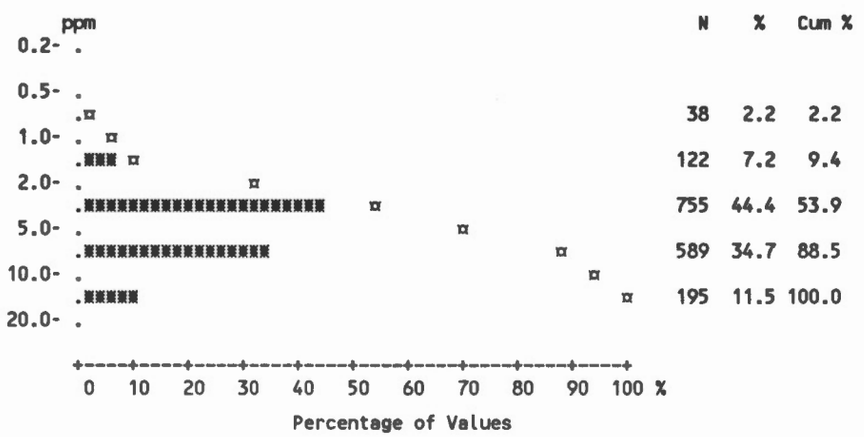


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	877	16	11	6	761	78	2
Number of Missing Values	0	0	0	0	0	0	0
Mean	0.24	0.16	0.19	0.20	0.26	0.19	0.11
Standard Deviation	0.47	0.10	0.12	0.15	0.51	0.13	0.028
Skewness	32.61	1.66	1.05	1.67	30.19	1.87	2.83
Excess Kurtosis	1234.82	1.58	-0.12	1.92	1043.14	4.13	6.27
Coef. of Var. %	191.64	66.31	63.90	74.16	197.26	68.21	26.06
Std. Error of the Mean	0.01	0.014	0.024	0.045	0.014	0	0
Lower 95% limit on Mean	0.22	0.13	0.14	0.10	0.23	0.17	0.096
Upper 95% limit on Mean	0.27	0.19	0.24	0.30	0.29	0.21	0.12
Geometric Statistics							
Mean	0.19	0.14	0.16	0.17	0.20	0.16	0.11
Log10 Mean	-0.73	-0.87	-0.80	-0.78	-0.71	-0.80	-0.97
Log10 S.D.	0.29	0.22	0.25	0.25	0.30	0.24	0.085
Log10 Std. Error of Mean	0.01	0.029	0.050	0.077	0	0.018	0.017
Lower 95% limit on Mean	0.18	0.12	0.13	0.11	0.19	0.15	0.098
Upper 95% limit on Mean	0.19	0.15	0.20	0.25	0.20	0.17	0.12
Percentiles							
Min Value	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
50th %tile	0.20	0.10	0.10	0.20	0.20	0.10	0.10
75th %tile	0.30	0.20	0.30	0.20	0.40	0.20	0.10
80th %tile	0.40	0.20	0.30	0.20	0.40	0.30	0.10
90th %tile	0.50	0.30	0.40	0.30	0.50	0.30	0.10
95th %tile	0.60	0.40	0.40	0.60	0.60	0.40	0.20
98th %tile	0.70	0.40	0.50	0.60	0.70	0.60	0.20
99th %tile	0.80	0.50	0.50	0.60	0.80	0.70	0.20
Max Value	18.10	0.50	0.50	0.60	18.10	0.80	0.20

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

Statistics per Variable

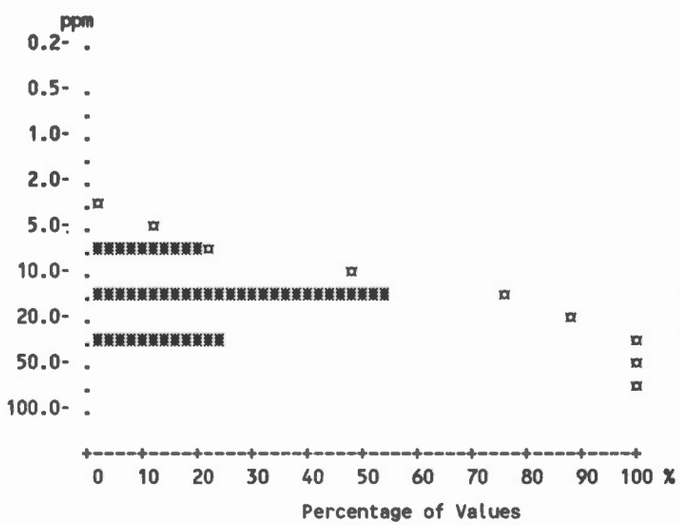
Variable - Cobalt [Co]
Number of Values - 1699
Units - ppm
Detection Limit - 2
Analytical Method - AAS



	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1539	54	23	10	1250	164	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	6.01	9.77	7.08	5.82	5.56	7.27	10.38
Standard Deviation	3.36	4.16	3.05	2.82	3.07	3.49	4.05
Skewness	1.06	0.16	0.15	0.46	1.17	0.63	0.22
Excess Kurtosis	0.92	-0.45	-1.04	-1.24	1.45	-0.13	-0.73
Coef. of Var. %	55.92	42.55	43.14	48.50	55.11	48.00	39.06
Std. Error of the Mean	0.08	0.56	0.61	0.85	0.082	0.27	0.83
Lower 95% limit on Mean	5.85	8.65	5.82	3.92	5.40	6.74	8.66
Upper 95% limit on Mean	6.17	10.88	8.34	7.71	5.72	7.79	12.09
Geometric Statistics							
Mean	5.14	8.63	6.36	5.20	4.80	6.42	9.49
Log10 Mean	0.71	0.94	0.80	0.72	0.68	0.81	0.98
Log10 S.D.	0.25	0.25	0.22	0.22	0.24	0.23	0.20
Log10 Std. Error of Mean	0.01	0.034	0.044	0.067	0	0.017	0.042
Lower 95% limit on Mean	5.00	7.39	5.16	3.69	4.66	5.94	7.78
Upper 95% limit on Mean	5.28	10.07	7.83	7.33	4.94	6.94	11.58
Percentiles							
Min Value	1.00	1.00	2.00	2.00	1.00	2.00	2.00
25th %tile	3.00	6.00	5.00	4.00	3.00	5.00	7.00
50th %tile	5.00	10.00	6.00	5.00	5.00	6.00	9.00
75th %tile	8.00	13.00	9.00	9.00	7.00	10.00	12.00
80th %tile	9.00	13.00	10.00	9.00	8.00	10.00	14.00
90th %tile	11.00	15.00	11.00	9.00	10.00	12.00	17.00
95th %tile	13.00	17.00	12.00	11.00	12.00	14.00	17.00
98th %tile	15.00	18.00	13.00	11.00	14.00	15.00	18.00
99th %tile	16.00	20.00	13.00	11.00	15.00	18.00	18.00
Max Value	20.00	20.00	13.00	11.00	20.00	18.00	18.00

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

Variable - Copper [Cu]
Number of Values - 1699
Units - ppm
Detection Limit - 2
Analytical Method - AAS



	N	%	Cum %
	1	0.1	0.1
	1	0.1	0.1
	33	1.9	2.1
	343	20.2	22.2
	910	53.6	75.8
	407	24.0	99.8
	4	0.2	100.0

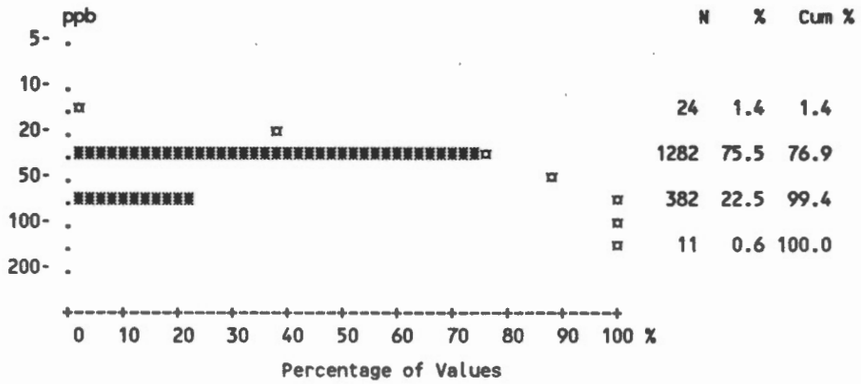
Statistics per Variable

	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1697	56	25	11	1393	172	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	16.27	22.04	13.72	20.45	15.24	20.81	26.96
Standard Deviation	7.75	7.96	5.47	9.73	7.26	8.09	6.05
Skewness	1.46	-0.039	0.71	1.20	1.89	0.38	0.22
Excess Kurtosis	4.86	-0.71	-0.41	0.43	8.56	-0.48	-1.01
Coef. of Var. %	47.65	36.14	39.84	47.57	47.59	38.90	22.43
Std. Error of the Mean	0.19	1.06	1.09	2.93	0.19	0.62	1.23
Lower 95% limit on Mean	15.90	19.90	11.46	13.92	14.86	19.59	24.40
Upper 95% limit on Mean	16.64	24.17	15.98	26.99	15.63	22.02	29.51
Geometric Statistics							
Mean	14.62	20.40	12.74	18.78	13.77	19.11	26.30
Log10 Mean	1.16	1.31	1.11	1.27	1.14	1.28	1.42
Log10 S.D.	0.20	0.18	0.17	0.18	0.20	0.19	0.099
Log10 Std. Error of Mean	0.00	0.024	0.034	0.055	0	0.015	0.020
Lower 95% limit on Mean	14.30	18.24	10.82	14.18	13.45	17.89	23.89
Upper 95% limit on Mean	14.95	22.82	14.99	24.87	14.11	20.41	28.97
Percentiles							
Min Value	1.00	7.00	6.00	11.00	1.00	2.00	16.00
25th %tile	11.00	15.00	10.00	13.00	10.00	14.00	22.00
50th %tile	15.00	23.00	12.00	19.00	14.00	20.00	25.00
75th %tile	20.00	28.00	16.00	24.00	19.00	26.00	30.00
80th %tile	22.00	28.00	18.00	24.00	20.00	28.00	34.00
90th %tile	27.00	30.00	22.00	31.00	24.00	31.00	35.00
95th %tile	31.00	36.00	23.00	44.00	28.00	36.00	35.00
98th %tile	36.00	37.00	27.00	44.00	35.00	39.00	39.00
99th %tile	39.00	41.00	27.00	44.00	38.00	40.00	39.00
Max Value	80.00	41.00	27.00	44.00	80.00	41.00	39.00

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

Statistics per Variable

Variable - Fluoride [F-W]
Number of Values - 1699
Units - ppb
Detection Limit - 20
Analytical Method - ISE

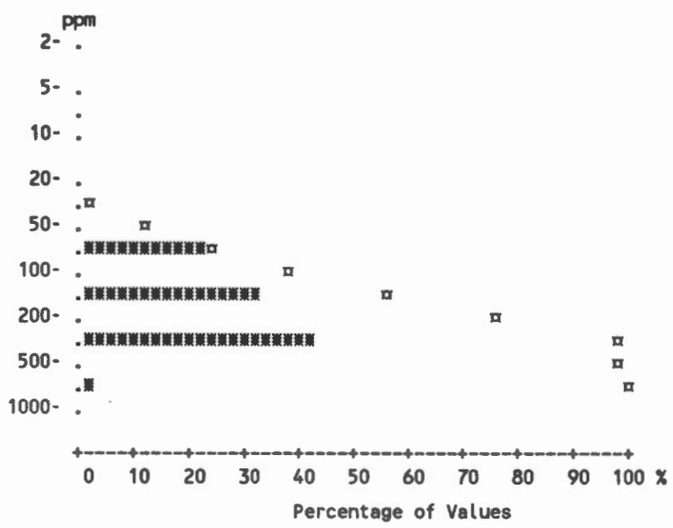


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1675	55	25	11	1372	172	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	47.63	46.61	47.60	48.18	46.64	50.98	80.42
Standard Deviation	15.01	17.51	7.23	12.50	14.24	15.31	19.44
Skewness	1.32	0.83	0.99	0.028	1.34	0.87	0.59
Excess Kurtosis	2.59	-0.60	1.47	-1.17	2.93	0.55	-1.02
Coef. of Var. %	31.51	37.56	15.20	25.95	30.54	30.04	24.18
Std. Error of the Mean	0.36	2.34	1.45	3.77	0.38	1.16	3.97
Lower 95% limit on Mean	46.91	41.92	44.61	39.78	45.89	48.68	72.20
Upper 95% limit on Mean	48.34	51.30	50.59	56.58	47.38	53.28	88.63
Geometric Statistics							
Mean	45.55	43.73	47.11	46.63	44.72	48.86	78.30
Log10 Mean	1.66	1.64	1.67	1.67	1.65	1.69	1.89
Log10 S.D.	0.13	0.15	0.063	0.12	0.12	0.13	0.10
Log10 Std. Error of Mean	0.00	0.021	0.013	0.036	0	0	0.021
Lower 95% limit on Mean	44.91	39.77	44.37	38.81	44.05	46.77	70.96
Upper 95% limit on Mean	46.19	48.08	50.02	56.04	45.39	51.04	86.41
Percentiles							
Min Value	20.00	20.00	40.00	30.00	20.00	20.00	60.00
25th %tile	40.00	30.00	40.00	40.00	40.00	40.00	60.00
50th %tile	40.00	40.00	50.00	50.00	40.00	50.00	80.00
75th %tile	50.00	50.00	50.00	60.00	50.00	60.00	90.00
80th %tile	60.00	60.00	50.00	60.00	60.00	60.00	110.00
90th %tile	70.00	80.00	50.00	60.00	60.00	70.00	110.00
95th %tile	80.00	80.00	60.00	70.00	70.00	80.00	110.00
98th %tile	90.00	80.00	70.00	70.00	90.00	90.00	120.00
99th %tile	100.00	80.00	70.00	70.00	100.00	90.00	120.00
Max Value	120.00	80.00	70.00	70.00	120.00	100.00	120.00

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

Statistics per Variable

Variable - Fluorine [F]
Number of Values - 1699
Units - ppm
Detection Limit - 20
Analytical Method - ISE



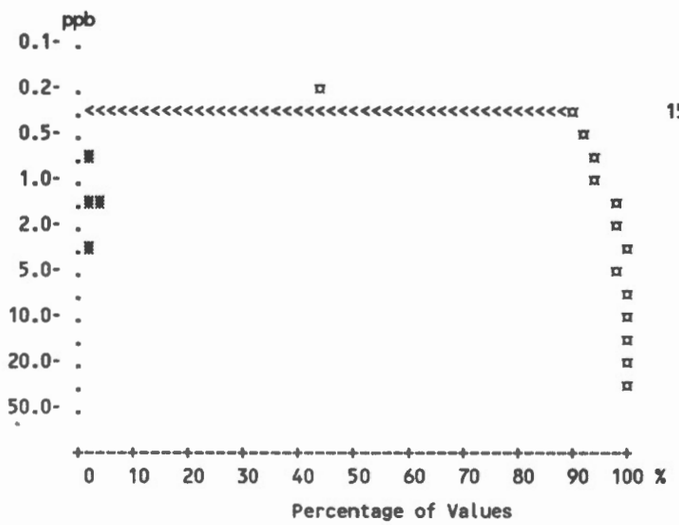
	N	%	Cum %
	1	0.1	0.1
	18	1.1	1.1
	376	22.1	23.2
	541	31.8	55.1
	730	43.0	98.1
	33	1.9	100.0

	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1698	56	25	11	1393	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	210.23	310.45	196.00	255.18	194.98	263.54	386.63
Standard Deviation	120.66	128.65	136.31	123.95	114.12	111.63	100.82
Skewness	0.83	0.061	0.62	-0.075	1.04	0.20	-0.21
Excess Kurtosis	0.16	-0.18	-0.93	-1.66	0.82	-0.73	-0.47
Coef. of Var. %	57.39	41.44	69.55	48.57	58.53	42.36	26.08
Std. Error of the Mean	2.93	17.19	27.26	37.37	3.06	8.49	20.58
Lower 95% limit on Mean	204.48	275.99	139.73	171.91	188.98	246.79	344.04
Upper 95% limit on Mean	215.97	344.90	252.27	338.45	200.98	280.30	429.21
Geometric Statistics							
Mean	177.04	277.37	152.42	221.38	164.70	237.04	372.17
Log10 Mean	2.25	2.44	2.18	2.35	2.22	2.37	2.57
Log10 S.D.	0.26	0.23	0.32	0.26	0.26	0.21	0.13
Log10 Std. Error of Mean	0.01	0.031	0.064	0.080	0	0.016	0.026
Lower 95% limit on Mean	172.02	240.71	112.32	147.09	159.66	220.25	328.32
Upper 95% limit on Mean	182.20	319.61	206.85	333.20	169.90	255.10	421.87
Percentiles							
Min Value	10.00	65.00	50.00	60.00	10.00	70.00	150.00
25th %tile	105.00	220.00	85.00	140.00	100.00	180.00	315.00
50th %tile	185.00	310.00	130.00	250.00	170.00	255.00	400.00
75th %tile	290.00	415.00	310.00	392.00	265.00	340.00	455.00
80th %tile	310.00	420.00	325.00	392.00	290.00	365.00	470.00
90th %tile	385.00	440.00	360.00	400.00	355.00	435.00	510.00
95th %tile	440.00	475.00	375.00	410.00	420.00	445.00	540.00
98th %tile	500.00	610.00	525.00	410.00	485.00	490.00	580.00
99th %tile	555.00	650.00	525.00	410.00	555.00	500.00	580.00
Max Value	695.00	650.00	525.00	410.00	695.00	555.00	580.00

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

Statistics per Variable

Variable - Gold [Au]
Number of Values - 1698
Units - ppb
Detection Limit - 1-var
Analytical Method - FA-NA

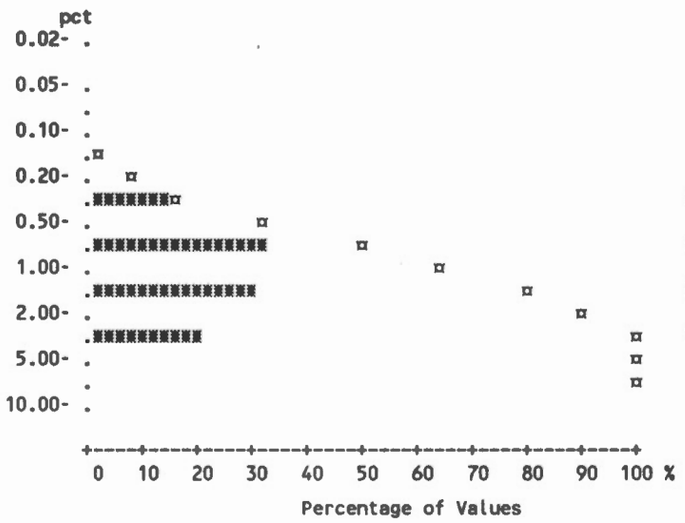


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1698	56	25	11	1393	173	24
Number of Values >= D.L.	110	1	1	0	89	16	2
Number of Missing Values	1	0	0	0	1	0	0
Mean	0.72	0.54	0.58	-	0.73	0.73	0.69
Standard Deviation	1.26	0.22	0.31	-	1.36	0.72	0.59
Skewness	13.38	5.55	3.84	-	12.85	3.64	3.00
Excess Kurtosis	241.31	32.48	14.24	-	215.46	13.82	8.14
Coef. of Var. %	174.92	40.21	53.84	-	186.68	97.86	85.28
Std. Error of the Mean	0.03	0.029	0.062	-	0.036	0.055	0.12
Lower 95% limit on Mean	0.66	0.49	0.45	-	0.65	0.63	0.44
Upper 95% limit on Mean	0.78	0.60	0.71	-	0.80	0.84	0.94
Geometric Statistics							
Mean	0.57	0.53	0.54	-	0.57	0.60	0.59
Log10 Mean	-0.24	-0.28	-0.26	-	-0.24	-0.22	-0.23
Log10 S.D.	0.20	0.097	0.13	-	0.20	0.22	0.20
Log10 Std. Error of Mean	0.00	0.013	0.026	-	0	0.017	0.041
Lower 95% limit on Mean	0.56	0.49	0.48	-	0.56	0.56	0.48
Upper 95% limit on Mean	0.58	0.56	0.62	-	0.58	0.65	0.72
Percentiles							
Min Value	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
50th %tile	0.50	0.50	0.50	-	0.50	0.50	0.50
75th %tile	0.50	0.50	0.50	-	0.50	0.50	0.50
80th %tile	0.50	0.50	0.50	-	0.50	0.50	0.50
90th %tile	0.50	0.50	0.50	-	0.50	1.00	1.00
95th %tile	2.00	1.00	1.00	-	2.00	2.00	2.00
98th %tile	3.00	1.00	2.00	-	3.00	4.00	3.00
99th %tile	5.00	2.00	2.00	-	5.00	4.00	3.00
Max Value	30.00	2.00	2.00	-	30.00	5.00	3.00

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

Statistics per Variable

Variable - Iron [Fe]
Number of Values - 1699
Units - pct
Detection Limit - .02
Analytical Method - AAS



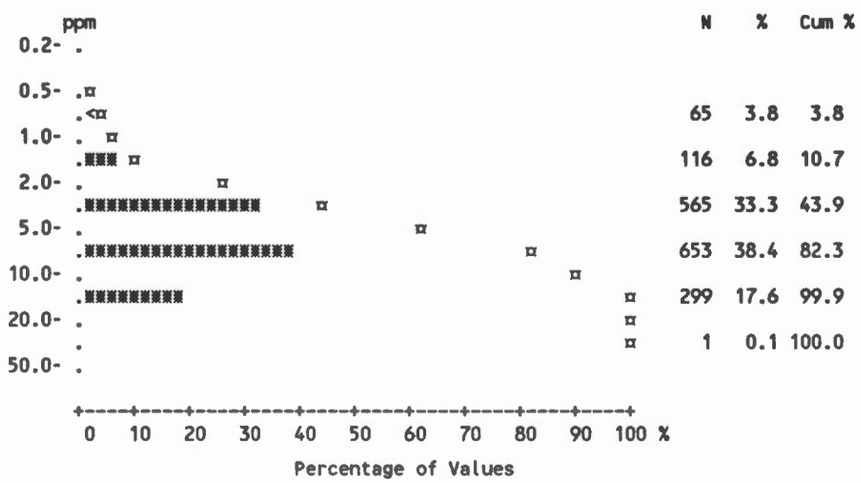
N	%	Cum %
2	0.1	0.1
16	0.9	1.1
264	15.5	16.6
556	32.7	49.3
513	30.2	79.5
347	20.4	99.9
1	0.1	100.0

	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1699	56	25	11	1394	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.34	2.26	1.40	1.56	1.21	1.73	2.80
Standard Deviation	0.97	1.13	0.98	1.07	0.88	1.03	1.05
Skewness	1.27	0.016	0.67	1.04	1.50	0.76	0.10
Excess Kurtosis	1.00	-1.30	-1.07	-0.17	2.01	-0.100	-1.03
Coef. of Var. %	72.51	49.93	70.12	68.35	72.93	59.25	37.64
Std. Error of the Mean	0.02	0.15	0.20	0.32	0.024	0.078	0.22
Lower 95% limit on Mean	1.29	1.96	1.00	0.85	1.16	1.58	2.36
Upper 95% limit on Mean	1.38	2.56	1.81	2.28	1.25	1.89	3.25
Geometric Statistics							
Mean	1.04	1.91	1.08	1.29	0.95	1.41	2.59
Log10 Mean	0.02	0.28	0.035	0.11	-0.022	0.15	0.41
Log10 S.D.	0.31	0.28	0.33	0.29	0.30	0.31	0.18
Log10 Std. Error of Mean	0.01	0.037	0.067	0.086	0	0.023	0.037
Lower 95% limit on Mean	1.00	1.61	0.79	0.83	0.92	1.27	2.17
Upper 95% limit on Mean	1.08	2.27	1.49	2.00	0.99	1.57	3.10
Percentiles							
Min Value	0.06	0.32	0.18	0.40	0.070	0.060	1.04
25th %tile	0.63	1.24	0.69	0.88	0.60	1.00	1.98
50th %tile	1.02	2.24	0.97	1.22	0.93	1.62	2.51
75th %tile	1.78	3.29	2.16	2.00	1.51	2.20	3.45
80th %tile	2.02	3.41	2.43	2.00	1.78	2.67	3.76
90th %tile	2.85	3.74	2.92	3.00	2.48	3.14	4.17
95th %tile	3.47	4.00	3.20	3.97	3.21	3.76	4.52
98th %tile	3.97	4.09	3.40	3.97	3.82	4.34	4.86
99th %tile	4.20	4.32	3.40	3.97	4.05	4.41	4.86
Max Value	5.03	4.32	3.40	3.97	5.03	4.60	4.86

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

Statistics per Variable

Variable - Lead [Pb]
Number of Values - 1699
Units - ppm
Detection Limit - 2
Analytical Method - AAS

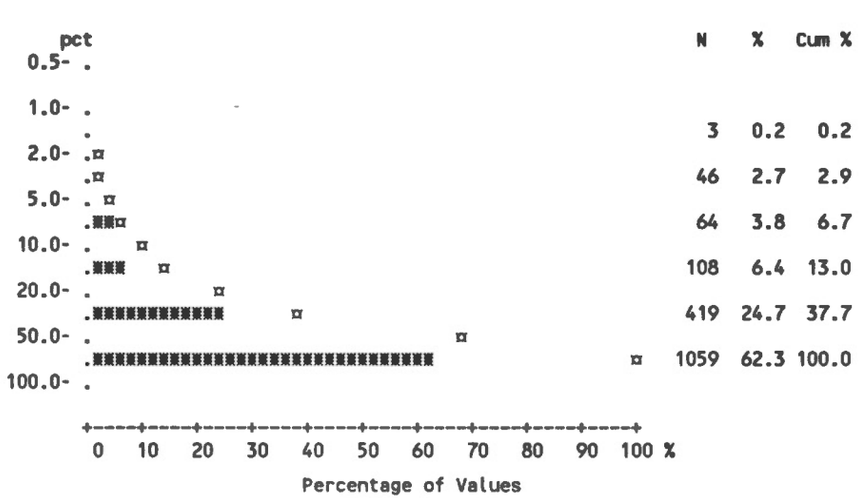


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1518	53	23	11	1230	161	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	6.84	9.86	8.16	7.27	6.36	8.39	11.33
Standard Deviation	3.86	4.07	4.23	3.74	3.59	4.23	3.62
Skewness	0.75	-0.16	0.34	1.41	0.85	0.32	0.031
Excess Kurtosis	0.04	-0.91	-1.40	1.39	0.46	-0.79	-1.04
Coef. of Var. %	56.48	41.24	51.83	51.48	56.46	50.45	31.94
Std. Error of the Mean	0.09	0.54	0.85	1.13	0.096	0.32	0.74
Lower 95% limit on Mean	6.65	8.77	6.41	4.76	6.18	7.76	9.80
Upper 95% limit on Mean	7.02	10.95	9.91	9.79	6.55	9.03	12.86
Geometric Statistics							
Mean	5.70	8.78	7.04	6.58	5.32	7.17	10.73
Log10 Mean	0.76	0.94	0.85	0.82	0.73	0.86	1.03
Log10 S.D.	0.28	0.23	0.25	0.20	0.28	0.27	0.15
Log10 Std. Error of Mean	0.01	0.031	0.051	0.060	0	0.020	0.031
Lower 95% limit on Mean	5.53	7.60	5.54	4.85	5.15	6.54	9.24
Upper 95% limit on Mean	5.88	10.15	8.95	8.95	5.51	7.86	12.45
Percentiles							
Min Value	1.00	2.00	2.00	3.00	1.00	1.00	5.00
25th %tile	4.00	7.00	5.00	5.00	4.00	5.00	9.00
50th %tile	6.00	10.00	6.00	7.00	6.00	8.00	10.00
75th %tile	9.00	13.00	12.00	8.00	8.00	12.00	15.00
80th %tile	10.00	14.00	12.00	8.00	9.00	13.00	16.00
90th %tile	13.00	15.00	15.00	10.00	11.00	14.00	16.00
95th %tile	14.00	16.00	15.00	17.00	13.00	15.00	17.00
98th %tile	16.00	16.00	15.00	17.00	15.00	17.00	17.00
99th %tile	17.00	17.00	15.00	17.00	17.00	18.00	17.00
Max Value	22.00	17.00	15.00	17.00	22.00	20.00	17.00

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

Statistics per Variable

Variable - Loss-On-Ignition [LOI]
Number of Values - 1699
Units - pct
Detection Limit - 1.0
Analytical Method - GRAV

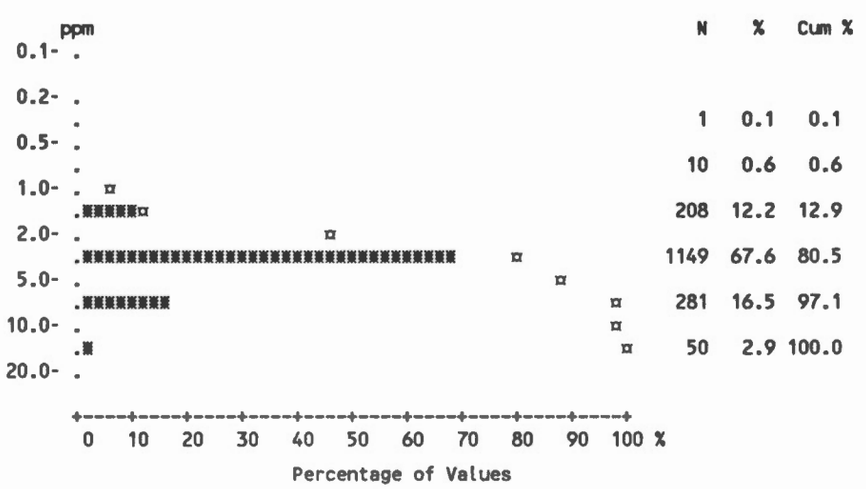


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1699	56	25	11	1394	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	52.84	35.05	47.79	44.22	55.61	43.91	20.35
Standard Deviation	22.99	22.98	26.60	24.18	21.82	22.79	19.80
Skewness	-0.64	0.33	-0.37	-0.037	-0.82	-0.085	1.21
Excess Kurtosis	-0.69	-1.22	-1.52	-1.74	-0.25	-1.13	0.13
Coef. of Var. %	43.51	65.58	55.65	54.69	39.23	51.91	97.30
Std. Error of the Mean	0.56	3.07	5.32	7.29	0.58	1.73	4.04
Lower 95% limit on Mean	51.74	28.89	36.81	27.97	54.47	40.49	11.99
Upper 95% limit on Mean	53.93	41.20	58.77	60.46	56.76	47.33	28.71
Geometric Statistics							
Mean	44.06	26.33	35.82	36.95	47.70	35.35	13.63
Log10 Mean	1.64	1.42	1.55	1.57	1.68	1.55	1.13
Log10 S.D.	0.32	0.36	0.41	0.29	0.30	0.34	0.38
Log10 Std. Error of Mean	0.01	0.049	0.082	0.088	0	0.026	0.078
Lower 95% limit on Mean	42.53	21.04	24.21	23.48	46.00	31.45	9.38
Upper 95% limit on Mean	45.64	32.96	53.00	58.16	49.47	39.72	19.80
Percentiles							
Min Value	1.40	4.80	3.20	12.40	1.40	2.20	4.20
25th %tile	36.40	11.80	22.80	17.20	43.00	24.40	6.80
50th %tile	59.40	31.20	57.60	51.40	61.40	45.40	8.40
75th %tile	71.20	52.40	70.00	69.80	72.20	63.20	30.20
80th %tile	73.20	61.20	71.60	69.80	74.00	66.80	35.40
90th %tile	78.00	68.80	78.40	70.80	78.80	74.20	53.00
95th %tile	81.80	72.40	78.40	78.40	82.20	77.40	64.60
98th %tile	85.40	73.00	81.80	78.40	86.40	81.80	69.20
99th %tile	87.80	80.80	81.80	78.40	88.00	84.20	69.20
Max Value	90.60	80.80	81.80	78.40	90.60	87.60	69.20

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

Statistics per Variable

Variable - Magnesium in Water [Mg-W]
Number of Values - 1699
Units - ppm
Detection Limit - 0.02
Analytical Method - AAS

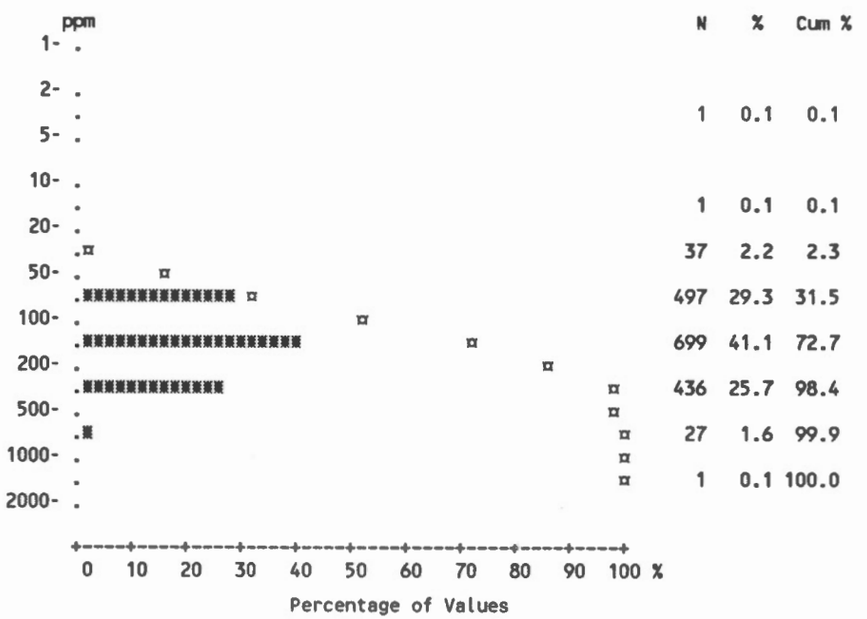


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1699	56	25	11	1394	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	3.97	6.30	2.81	4.47	3.68	4.81	8.99
Standard Deviation	2.08	2.85	1.31	0.88	1.87	1.61	2.93
Skewness	1.56	0.85	0.29	-0.38	1.58	1.60	-0.33
Excess Kurtosis	3.08	-0.62	-1.42	-1.40	3.43	3.01	-1.28
Coef. of Var. %	52.27	45.22	46.49	19.75	50.81	33.36	32.55
Std. Error of the Mean	0.05	0.38	0.26	0.27	0.050	0.12	0.60
Lower 95% limit on Mean	3.87	5.53	2.27	3.88	3.59	4.57	7.76
Upper 95% limit on Mean	4.07	7.06	3.35	5.07	3.78	5.05	10.23
Geometric Statistics							
Mean	3.52	5.74	2.51	4.39	3.28	4.59	8.46
Log10 Mean	0.55	0.76	0.40	0.64	0.52	0.66	0.93
Log10 S.D.	0.22	0.19	0.21	0.092	0.21	0.13	0.16
Log10 Std. Error of Mean	0.01	0.025	0.043	0.028	0	0	0.033
Lower 95% limit on Mean	3.43	5.11	2.05	3.81	3.20	4.39	7.22
Upper 95% limit on Mean	3.60	6.44	3.08	5.06	3.37	4.80	9.91
Percentiles							
Min Value	0.40	2.40	1.08	3.10	0.40	2.40	4.60
25th %tile	2.56	4.10	1.64	3.40	2.40	3.80	5.60
50th %tile	3.64	5.50	2.32	4.80	3.32	4.50	9.80
75th %tile	4.80	7.30	3.76	5.00	4.40	5.30	11.20
80th %tile	5.00	9.00	4.20	5.00	4.80	5.50	11.60
90th %tile	6.20	11.40	4.40	5.40	5.80	6.60	12.00
95th %tile	8.60	11.60	5.10	5.70	7.60	8.60	12.20
98th %tile	10.40	11.80	5.20	5.70	10.00	10.00	14.00
99th %tile	11.20	12.00	5.20	5.70	10.40	10.40	14.00
Max Value	14.00	12.00	5.20	5.70	13.60	11.40	14.00

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

Statistics per Variable

Variable - Manganese [Mn]
Number of Values - 1699
Units - ppm
Detection Limit - 5
Analytical Method - AAS



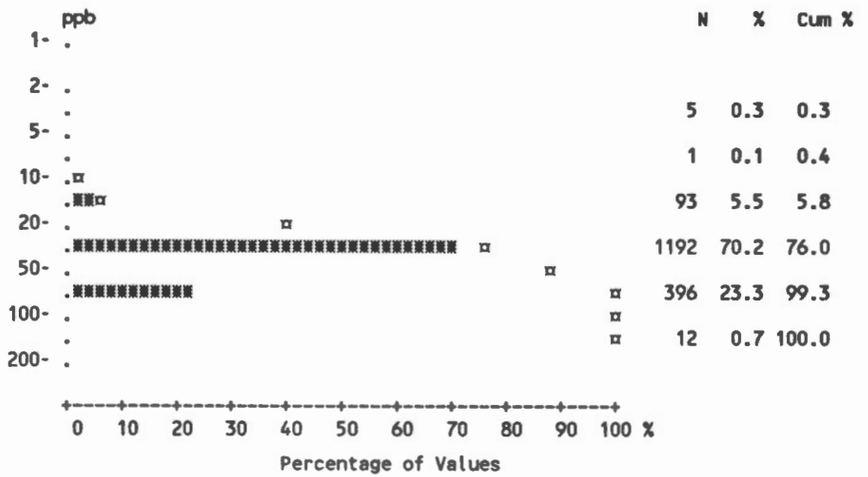
	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1698	56	25	11	1393	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	166.98	301.70	197.72	184.73	154.02	189.06	306.17
Standard Deviation	112.14	161.43	124.78	85.13	103.87	100.72	98.67
Skewness	2.48	1.02	1.05	0.54	3.08	1.14	0.26
Excess Kurtosis	14.50	0.25	0.14	-0.69	23.33	1.49	-0.94
Coef. of Var. %	67.16	53.51	63.11	46.08	67.44	53.27	32.23
Std. Error of the Mean	2.72	21.57	24.96	25.67	2.78	7.66	20.14
Lower 95% limit on Mean	161.64	258.47	146.21	127.54	148.56	173.94	264.50
Upper 95% limit on Mean	172.31	344.93	249.23	241.91	159.47	204.18	347.84
Geometric Statistics							
Mean	139.14	264.52	165.20	166.95	129.44	164.76	290.58
Log10 Mean	2.14	2.42	2.22	2.22	2.11	2.22	2.46
Log10 S.D.	0.26	0.22	0.27	0.21	0.25	0.23	0.15
Log10 Std. Error of Mean	0.01	0.030	0.053	0.063	0	0.018	0.030
Lower 95% limit on Mean	135.22	230.28	128.26	120.59	125.54	152.02	252.15
Upper 95% limit on Mean	143.17	303.85	212.79	231.15	133.46	178.57	334.87
Percentiles							
Min Value	2.00	76.00	67.00	70.00	2.00	46.00	152.00
25th %tile	88.00	184.00	87.00	129.00	83.00	113.00	218.00
50th %tile	139.00	250.00	166.00	167.00	127.00	172.00	287.00
75th %tile	210.00	379.00	232.00	248.00	191.00	235.00	375.00
80th %tile	232.00	413.00	269.00	248.00	211.00	251.00	396.00
90th %tile	308.00	563.00	411.00	258.00	282.00	319.00	432.00
95th %tile	385.00	627.00	477.00	363.00	342.00	405.00	435.00
98th %tile	477.00	698.00	503.00	363.00	452.00	448.00	526.00
99th %tile	537.00	775.00	503.00	363.00	516.00	517.00	526.00
Max Value	1491.00	775.00	503.00	363.00	1491.00	591.00	526.00

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

Manganese - AAS

Statistics per Variable

Variable - Mercury [Hg]
Number of Values - 1699
Units - ppb
Detection Limit - 10
Analytical Method - AAS

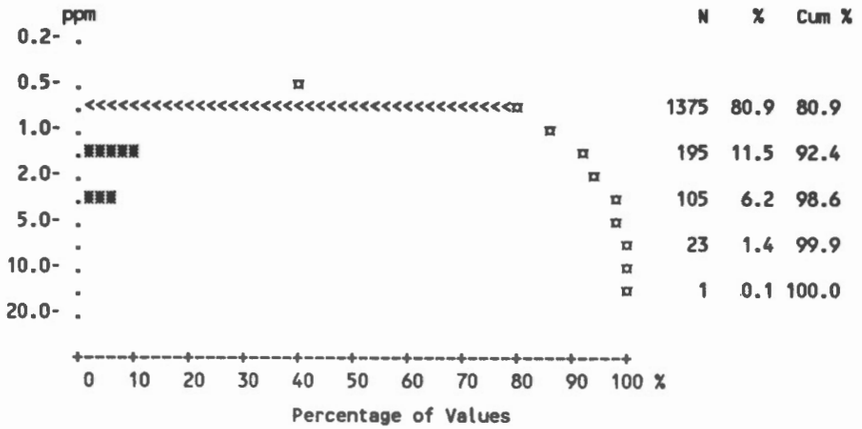


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1693	56	25	11	1388	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	44.27	40.80	40.20	49.09	43.96	49.28	33.75
Standard Deviation	17.61	11.63	16.10	19.34	17.12	22.35	10.56
Skewness	1.48	0.77	0.38	0.29	1.51	1.16	0.29
Excess Kurtosis	5.31	0.45	-0.48	-0.93	6.11	1.73	-1.04
Coef. of Var. %	39.78	28.50	40.06	39.40	38.95	45.36	31.27
Std. Error of the Mean	0.43	1.55	3.22	5.83	0.46	1.70	2.15
Lower 95% limit on Mean	43.43	37.69	33.55	36.10	43.06	45.92	29.29
Upper 95% limit on Mean	45.11	43.92	46.85	62.08	44.86	52.63	38.21
Geometric Statistics							
Mean	41.07	39.27	36.97	45.42	40.88	44.77	32.14
Log10 Mean	1.61	1.59	1.57	1.66	1.61	1.65	1.51
Log10 S.D.	0.17	0.12	0.19	0.19	0.17	0.19	0.14
Log10 Std. Error of Mean	0.00	0.016	0.037	0.056	0	0.015	0.029
Lower 95% limit on Mean	40.31	36.45	30.93	34.05	40.04	41.90	28.03
Upper 95% limit on Mean	41.85	42.31	44.18	60.59	41.73	47.83	36.86
Percentiles							
Min Value	5.00	25.00	15.00	20.00	5.00	15.00	15.00
25th %tile	35.00	35.00	30.00	40.00	35.00	35.00	25.00
50th %tile	40.00	40.00	40.00	50.00	40.00	45.00	30.00
75th %tile	50.00	45.00	50.00	55.00	50.00	60.00	40.00
80th %tile	55.00	50.00	55.00	55.00	55.00	65.00	45.00
90th %tile	65.00	55.00	60.00	75.00	65.00	75.00	50.00
95th %tile	75.00	65.00	60.00	85.00	75.00	95.00	50.00
98th %tile	90.00	70.00	80.00	85.00	90.00	115.00	55.00
99th %tile	100.00	75.00	80.00	85.00	95.00	120.00	55.00
Max Value	180.00	75.00	80.00	85.00	180.00	140.00	55.00

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

Statistics per Variable

Variable - Molybdenum [Mo]
Number of Values - 1699
Units - ppm
Detection Limit - 2
Analytical Method - AAS

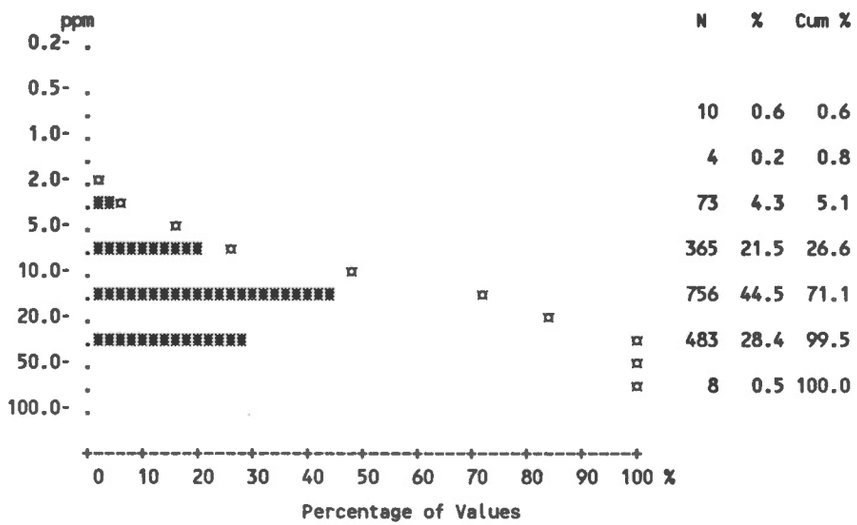


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	129	0	1	2	110	14	2
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.36	-	1.32	1.45	1.37	1.32	1.58
Standard Deviation	1.04	-	0.56	1.04	1.07	0.96	1.28
Skewness	5.56	-	1.40	1.58	5.58	4.54	3.14
Excess Kurtosis	48.44	-	0.93	0.80	48.83	26.37	10.35
Coef. of Var. %	76.46	-	42.18	71.21	78.07	73.07	81.00
Std. Error of the Mean	0.03	-	0.11	0.31	0.029	0.073	0.26
Lower 95% limit on Mean	1.31	-	1.09	0.76	1.32	1.17	1.04
Upper 95% limit on Mean	1.41	-	1.55	2.15	1.43	1.46	2.12
Geometric Statistics							
Mean	1.20	-	1.23	1.25	1.21	1.17	1.35
Log10 Mean	0.08	-	0.091	0.098	0.082	0.069	0.13
Log10 S.D.	0.18	-	0.15	0.22	0.18	0.17	0.22
Log10 Std. Error of Mean	0.00	-	0.031	0.066	0	0.013	0.044
Lower 95% limit on Mean	1.18	-	1.07	0.89	1.18	1.10	1.09
Upper 95% limit on Mean	1.22	-	1.43	1.76	1.24	1.25	1.67
Percentiles							
Min Value	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
50th %tile	1.00	-	1.00	1.00	1.00	1.00	1.00
75th %tile	1.00	-	2.00	1.00	1.00	1.00	2.00
80th %tile	1.00	-	2.00	1.00	1.00	1.00	2.00
90th %tile	2.00	-	2.00	3.00	2.00	2.00	2.00
95th %tile	3.00	-	2.00	4.00	3.00	3.00	3.00
98th %tile	4.00	-	3.00	4.00	5.00	4.00	7.00
99th %tile	6.00	-	3.00	4.00	6.00	6.00	7.00
Max Value	17.00	-	3.00	4.00	17.00	9.00	7.00

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

Statistics per Variable

Variable - Nickel [Ni]
Number of Values - 1699
Units - ppm
Detection Limit - 2
Analytical Method - AAS

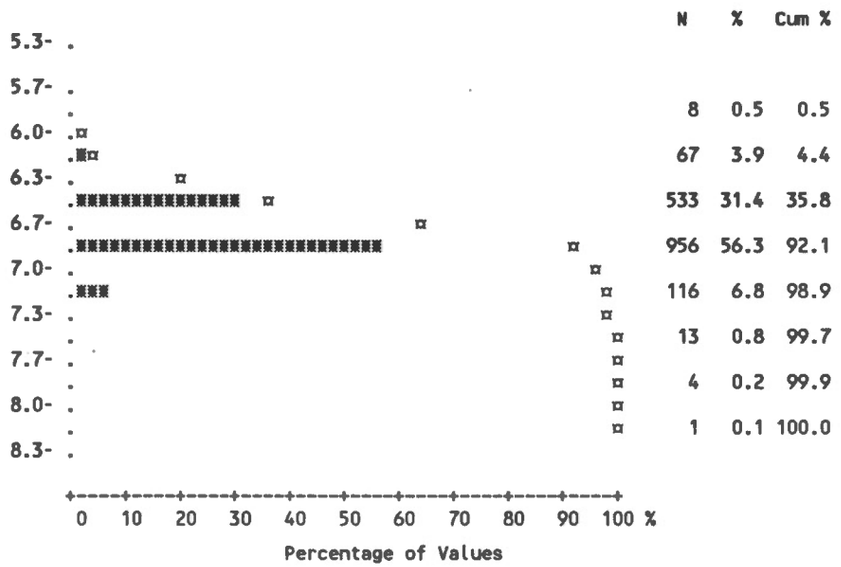


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1685	56	25	11	1380	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	17.25	27.88	16.92	17.00	15.84	22.23	30.79
Standard Deviation	9.75	11.20	7.97	4.52	8.98	9.73	9.24
Skewness	1.13	0.50	0.21	-0.047	1.28	0.77	-0.013
Excess Kurtosis	1.23	-0.44	-1.20	-0.94	2.03	0.12	-0.21
Coef. of Var. %	56.53	40.17	47.09	26.57	56.69	43.76	30.01
Std. Error of the Mean	0.24	1.50	1.59	1.36	0.24	0.74	1.89
Lower 95% limit on Mean	16.79	24.88	13.63	13.97	15.37	20.77	26.89
Upper 95% limit on Mean	17.71	30.87	20.21	20.03	16.31	23.69	34.69
Geometric Statistics							
Mean	14.63	25.62	14.91	16.41	13.48	20.21	29.23
Log10 Mean	1.17	1.41	1.17	1.22	1.13	1.31	1.47
Log10 S.D.	0.26	0.19	0.24	0.12	0.26	0.19	0.15
Log10 Std. Error of Mean	0.01	0.025	0.047	0.038	0	0.015	0.031
Lower 95% limit on Mean	14.22	22.85	11.92	13.53	13.06	18.90	25.16
Upper 95% limit on Mean	15.06	28.73	18.66	19.90	13.91	21.60	33.94
Percentiles							
Min Value	1.00	7.00	4.00	10.00	1.00	6.00	9.00
25th %tile	10.00	19.00	10.00	15.00	10.00	15.00	25.00
50th %tile	15.00	26.00	15.00	17.00	14.00	20.00	30.00
75th %tile	22.00	37.00	23.00	21.00	20.00	28.00	36.00
80th %tile	25.00	39.00	25.00	21.00	22.00	30.00	38.00
90th %tile	31.00	44.00	27.00	21.00	28.00	37.00	46.00
95th %tile	37.00	47.00	28.00	25.00	34.00	40.00	47.00
98th %tile	45.00	49.00	33.00	25.00	42.00	48.00	48.00
99th %tile	48.00	59.00	33.00	25.00	47.00	50.00	48.00
Max Value	59.00	59.00	33.00	25.00	55.00	51.00	48.00

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

Statistics per Variable

Variable - pH [pH]
Number of Values - 1698
Units -
Detection Limit -
Analytical Method - GCM

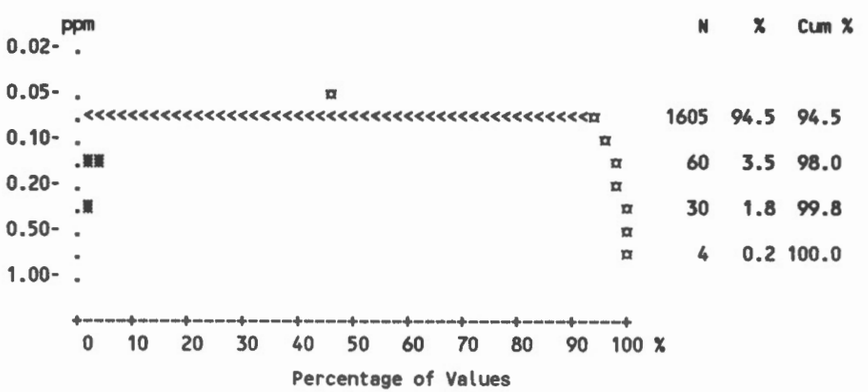


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1698	56	25	11	1393	173	24
Number of Values >= D.L.	1698	56	25	11	1393	173	24
Number of Missing Values	1	0	0	0	1	0	0
Mean	6.73	6.82	6.62	6.85	6.71	6.81	6.93
Standard Deviation	0.24	0.21	0.42	0.19	0.23	0.19	0.19
Skewness	0.46	0.86	0.95	-0.78	0.50	1.10	-0.021
Excess Kurtosis	3.01	-0.13	0.58	-1.20	3.34	4.95	-0.65
Coef. of Var. %	3.53	3.12	6.27	2.72	3.50	2.80	2.81
Std. Error of the Mean	0.01	0.028	0.083	0.056	0	0.014	0.040
Lower 95% limit on Mean	6.72	6.76	6.45	6.72	6.70	6.78	6.85
Upper 95% limit on Mean	6.74	6.88	6.80	6.97	6.72	6.84	7.01
Geometric Statistics							
Mean	6.73	6.82	6.61	6.84	6.71	6.81	6.93
Log10 Mean	0.83	0.83	0.82	0.84	0.83	0.83	0.84
Log10 S.D.	0.02	0.013	0.027	0.012	0.015	0.012	0.012
Log10 Std. Error of Mean	0.00	0	0	0	0	0	0
Lower 95% limit on Mean	6.72	6.76	6.45	6.72	6.70	6.78	6.84
Upper 95% limit on Mean	6.74	6.87	6.78	6.97	6.72	6.84	7.01
Percentiles							
Min Value	5.70	6.50	6.00	6.50	5.70	6.40	6.60
25th %tile	6.60	6.70	6.40	6.60	6.60	6.70	6.80
50th %tile	6.70	6.80	6.60	6.90	6.70	6.80	6.90
75th %tile	6.90	6.90	6.80	7.00	6.80	6.90	7.00
80th %tile	6.90	6.90	6.90	7.00	6.90	7.00	7.10
90th %tile	7.00	7.20	7.10	7.00	7.00	7.00	7.10
95th %tile	7.10	7.30	7.60	7.00	7.10	7.10	7.30
98th %tile	7.30	7.30	7.70	7.00	7.20	7.20	7.30
99th %tile	7.40	7.30	7.70	7.00	7.40	7.20	7.30
Max Value	8.30	7.30	7.70	7.00	8.30	7.90	7.30

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

Statistics per Variable

Variable - Silver [Ag]
Number of Values - 1699
Units - ppm
Detection Limit - .2
Analytical Method - AAS

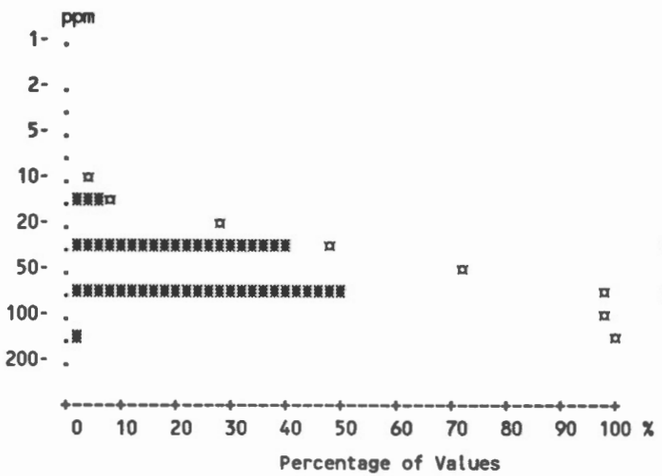


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	94	0	1	2	75	12	1
Number of Missing Values	0	0	0	0	0	0	0
Mean	0.11	-	0.10	0.12	0.11	0.11	0.11
Standard Deviation	0.05	-	0.020	0.040	0.047	0.063	0.061
Skewness	8.81	-	4.42	1.43	9.40	6.21	4.30
Excess Kurtosis	110.15	-	18.24	0.076	127.49	46.09	17.24
Coef. of Var. %	44.21	-	19.23	34.23	43.33	55.49	54.43
Std. Error of the Mean	0.00	-	0	0.012	0	0	0.012
Lower 95% limit on Mean	0.11	-	0.096	0.091	0.11	0.10	0.087
Upper 95% limit on Mean	0.11	-	0.11	0.15	0.11	0.12	0.14
Geometric Statistics							
Mean	0.11	-	0.10	0.11	0.10	0.11	0.11
Log10 Mean	-0.98	-	-0.99	-0.95	-0.98	-0.97	-0.97
Log10 S.D.	0.10	-	0.060	0.12	0.094	0.12	0.12
Log10 Std. Error of Mean	0.00	-	0.012	0.037	0	0	0.025
Lower 95% limit on Mean	0.10	-	0.097	0.094	0.10	0.10	0.094
Upper 95% limit on Mean	0.11	-	0.11	0.14	0.11	0.11	0.12
Percentiles							
Min Value	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
50th %tile	0.10	-	0.10	0.10	0.10	0.10	0.10
75th %tile	0.10	-	0.10	0.10	0.10	0.10	0.10
80th %tile	0.10	-	0.10	0.10	0.10	0.10	0.10
90th %tile	0.10	-	0.10	0.20	0.10	0.10	0.10
95th %tile	0.20	-	0.10	0.20	0.20	0.20	0.10
98th %tile	0.30	-	0.20	0.20	0.20	0.30	0.40
99th %tile	0.30	-	0.20	0.20	0.30	0.40	0.40
Max Value	1.00	-	0.20	0.20	1.00	0.70	0.40

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

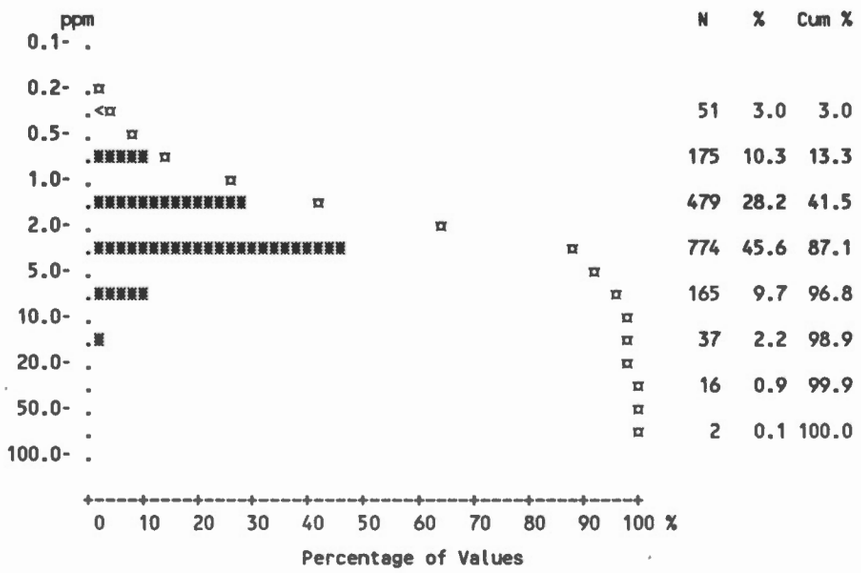
Statistics per Variable

Variable - T-Alk [T-Alk]
Number of Values - 1699
Units - ppm
Detection Limit - 2
Analytical Method - AAS


ppm
N % Cum %
1- .
2- .
.
5- .
.
10- . ¤
.■■■¤
20- . ¤
.■■■■■■■■■■■■■■■■■■■■ ¤
50- . ¤
.■■■■■■■■■■■■■■■■■■■

Statistics per Variable

Variable - Uranium [U]
Number of Values - 1699
Units - ppm
Detection Limit - .5
Analytical Method - NADNC

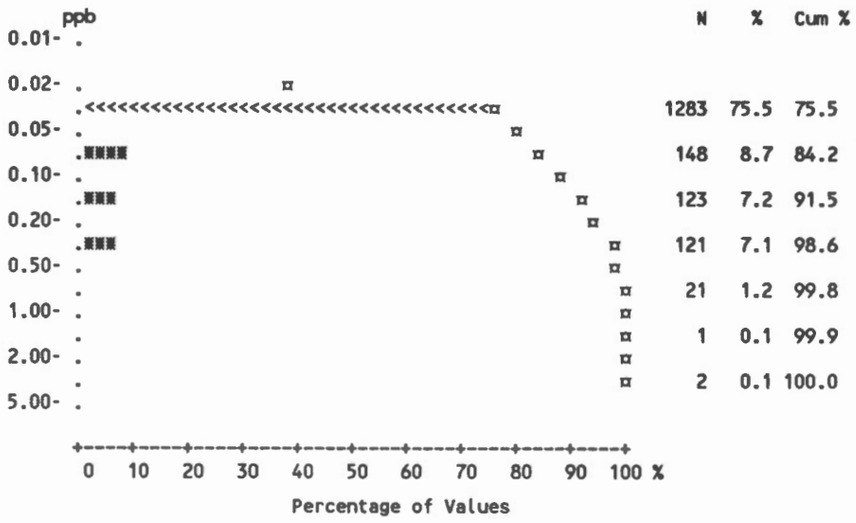


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1648	56	23	11	1349	170	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	3.24	2.63	2.01	2.63	3.24	3.73	2.48
Standard Deviation	3.86	1.22	1.33	1.35	4.07	3.35	0.73
Skewness	6.25	0.93	0.60	0.71	6.17	4.39	0.33
Excess Kurtosis	59.86	0.90	-0.49	-1.12	57.12	27.18	-1.16
Coef. of Var. %	119.25	46.26	65.99	51.46	125.56	89.76	29.46
Std. Error of the Mean	0.09	0.16	0.27	0.41	0.11	0.25	0.15
Lower 95% limit on Mean	3.06	2.30	1.47	1.72	3.03	3.22	2.17
Upper 95% limit on Mean	3.42	2.95	2.56	3.54	3.46	4.23	2.78
Geometric Statistics							
Mean	2.35	2.35	1.56	2.35	2.30	2.96	2.37
Log10 Mean	0.37	0.37	0.19	0.37	0.36	0.47	0.38
Log10 S.D.	0.33	0.21	0.34	0.21	0.34	0.29	0.13
Log10 Std. Error of Mean	0.01	0.029	0.069	0.064	0	0.022	0.026
Lower 95% limit on Mean	2.27	2.06	1.12	1.69	2.21	2.68	2.09
Upper 95% limit on Mean	2.44	2.69	2.16	3.27	2.39	3.27	2.69
Percentiles							
Min Value	0.20	0.70	0.20	1.10	0.20	0.50	1.40
25th %tile	1.50	1.90	0.70	1.70	1.40	2.10	1.70
50th %tile	2.40	2.40	1.80	2.00	2.30	3.00	2.30
75th %tile	3.60	3.00	3.20	3.40	3.50	4.30	3.00
80th %tile	4.00	3.50	3.30	3.40	4.00	4.60	3.20
90th %tile	5.70	4.00	3.60	4.80	5.80	6.70	3.60
95th %tile	8.20	5.50	3.80	5.10	8.40	8.50	3.70
98th %tile	14.70	6.00	5.40	5.10	16.00	14.70	3.90
99th %tile	20.20	6.10	5.40	5.10	20.80	22.10	3.90
Max Value	59.30	6.10	5.40	5.10	59.30	30.30	3.90

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

Statistics per Variable

Variable - Uranium in Water [U-W]
Number of Values - 1699
Units - ppb
Detection Limit - 0.05
Analytical Method - LIF

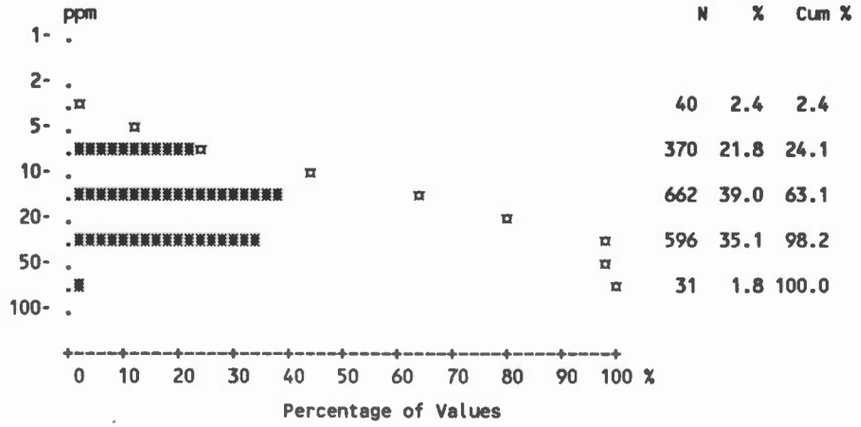


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	430	24	4	3	303	71	16
Number of Missing Values	0	0	0	0	0	0	0
Mean	0.07	0.12	0.047	0.043	0.067	0.088	0.27
Standard Deviation	0.16	0.16	0.065	0.031	0.16	0.12	0.20
Skewness	11.18	1.33	3.35	0.95	12.87	2.67	-0.19
Excess Kurtosis	204.96	-0.072	11.30	-1.11	240.09	7.18	-1.82
Coef. of Var. %	215.02	133.15	138.84	71.83	240.58	139.01	75.62
Std. Error of the Mean	0.00	0.022	0.013	0	0	0	0.041
Lower 95% limit on Mean	0.07	0.079	0.020	0.022	0.058	0.070	0.18
Upper 95% limit on Mean	0.08	0.17	0.074	0.063	0.075	0.11	0.35
Geometric Statistics							
Mean	0.04	0.058	0.033	0.035	0.037	0.050	0.15
Log10 Mean	-1.40	-1.23	-1.48	-1.45	-1.43	-1.30	-0.83
Log10 S.D.	0.38	0.50	0.29	0.26	0.36	0.41	0.58
Log10 Std. Error of Mean	0.01	0.067	0.059	0.078	0	0.031	0.12
Lower 95% limit on Mean	0.04	0.043	0.025	0.024	0.035	0.044	0.084
Upper 95% limit on Mean	0.04	0.079	0.044	0.053	0.039	0.058	0.26
Percentiles							
Min Value	0.02	0.020	0.020	0.020	0.020	0.020	0.020
25th %tile	0.02	0.020	0.020	0.020	0.020	0.020	0.020
50th %tile	0.02	0.020	0.020	0.020	0.020	0.020	0.37
75th %tile	0.05	0.090	0.020	0.080	0.020	0.10	0.42
80th %tile	0.08	0.31	0.020	0.080	0.060	0.11	0.47
90th %tile	0.16	0.44	0.11	0.090	0.14	0.20	0.51
95th %tile	0.39	0.45	0.13	0.10	0.29	0.41	0.51
98th %tile	0.48	0.46	0.33	0.10	0.48	0.50	0.52
99th %tile	0.52	0.49	0.33	0.10	0.51	0.63	0.52
Max Value	3.50	0.49	0.33	0.10	3.50	0.69	0.52

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

Statistics per Variable

Variable - Vanadium [V]
Number of Values - 1699
Units - ppm
Detection Limit - 5
Analytical Method - AAS

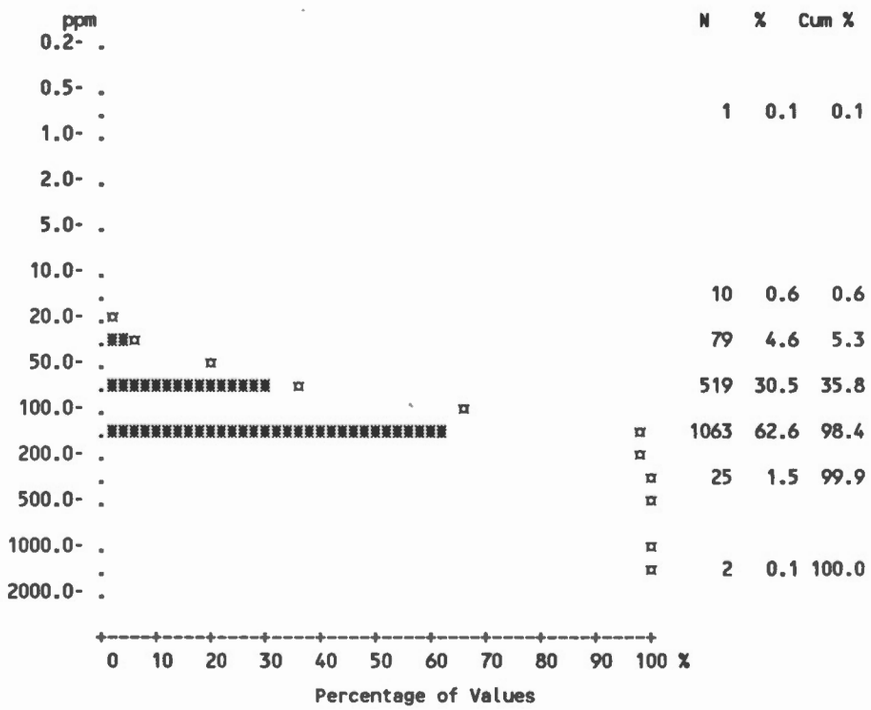


	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1659	56	24	11	1358	170	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	19.62	30.21	18.28	22.82	18.18	24.48	34.92
Standard Deviation	11.74	15.72	9.71	9.05	10.92	12.23	9.50
Skewness	1.16	0.95	0.36	0.045	1.29	0.55	0.34
Excess Kurtosis	1.20	1.92	-1.42	-1.37	1.39	-0.50	-0.90
Coef. of Var. %	59.83	52.04	53.12	39.68	60.09	49.94	27.22
Std. Error of the Mean	0.28	2.10	1.94	2.73	0.29	0.93	1.94
Lower 95% limit on Mean	19.06	26.00	14.27	16.74	17.60	22.65	30.90
Upper 95% limit on Mean	20.18	34.42	22.29	28.90	18.75	26.32	38.93
Geometric Statistics							
Mean	16.52	26.19	15.74	20.98	15.40	21.29	33.69
Log10 Mean	1.22	1.42	1.20	1.32	1.19	1.33	1.53
Log10 S.D.	0.26	0.25	0.25	0.20	0.25	0.24	0.12
Log10 Std. Error of Mean	0.01	0.033	0.050	0.059	0	0.019	0.024
Lower 95% limit on Mean	16.06	22.52	12.40	15.47	14.93	19.57	30.00
Upper 95% limit on Mean	17.00	30.46	19.97	28.45	15.88	23.16	37.83
Percentiles							
Min Value	2.00	8.00	5.00	8.00	2.00	2.00	21.00
25th %tile	11.00	18.00	11.00	16.00	10.00	15.00	27.00
50th %tile	16.00	28.00	14.00	23.00	15.00	21.00	33.00
75th %tile	27.00	42.00	28.00	28.00	24.00	32.00	40.00
80th %tile	29.00	45.00	30.00	28.00	27.00	35.00	43.00
90th %tile	37.00	48.00	31.00	36.00	34.00	42.00	46.00
95th %tile	44.00	52.00	31.00	36.00	41.00	48.00	54.00
98th %tile	50.00	53.00	37.00	36.00	49.00	52.00	54.00
99th %tile	54.00	91.00	37.00	36.00	53.00	54.00	54.00
Max Value	91.00	91.00	37.00	36.00	62.00	57.00	54.00

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

Statistics per Variable

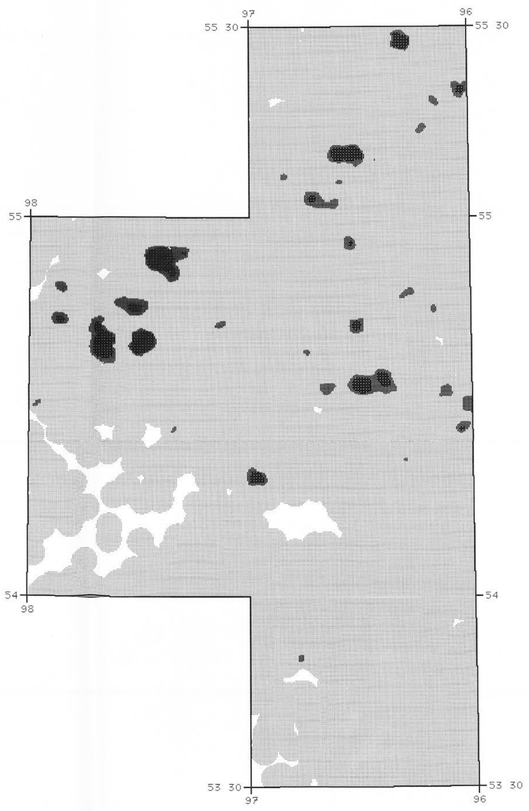
Variable - Zinc [Zn]
Number of Values - 1699
Units - ppm
Detection Limit - 2
Analytical Method - AAS



	All Units*	AFGR	AGB	AGFV	AGG	AGMV	AGS
Number of Values	1699	56	25	11	1394	173	24
Number of Values >= D.L.	1698	56	25	11	1393	173	24
Number of Missing Values	0	0	0	0	0	0	0
Mean	113.07	95.07	115.00	83.73	116.15	101.68	81.50
Standard Deviation	59.17	23.57	42.00	20.72	63.34	30.37	30.74
Skewness	15.31	1.49	-0.15	0.18	15.09	0.026	-0.16
Excess Kurtosis	383.34	4.14	-0.51	-1.18	352.42	0.68	-1.52
Coef. of Var. %	52.32	24.79	36.53	24.75	54.53	29.87	37.72
Std. Error of the Mean	1.44	3.15	8.40	6.25	1.70	2.31	6.28
Lower 95% limit on Mean	110.26	88.76	97.66	69.81	112.82	97.12	68.52
Upper 95% limit on Mean	115.89	101.38	132.34	97.65	119.48	106.24	94.48
Geometric Statistics							
Mean	104.92	92.55	105.80	81.36	107.53	96.27	75.14
Log10 Mean	2.02	1.97	2.02	1.91	2.03	1.98	1.88
Log10 S.D.	0.18	0.100	0.20	0.11	0.18	0.16	0.19
Log10 Std. Error of Mean	0.00	0.013	0.039	0.033	0	0.012	0.038
Lower 95% limit on Mean	102.90	87.01	87.74	68.58	105.21	91.22	62.64
Upper 95% limit on Mean	106.97	98.43	127.58	96.52	109.90	101.60	90.15
Percentiles							
Min Value	1.00	52.00	33.00	50.00	1.00	20.00	34.00
25th %tile	92.00	79.00	89.00	66.00	95.00	84.00	52.00
50th %tile	111.00	93.00	117.00	81.00	114.00	100.00	84.00
75th %tile	131.00	104.00	138.00	103.00	133.00	121.00	109.00
80th %tile	137.00	109.00	144.00	103.00	139.00	124.00	116.00
90th %tile	153.00	118.00	156.00	110.00	155.00	141.00	118.00
95th %tile	169.00	136.00	182.00	119.00	172.00	146.00	123.00
98th %tile	192.00	154.00	202.00	119.00	195.00	170.00	124.00
99th %tile	216.00	194.00	202.00	119.00	221.00	178.00	124.00
Max Value	1740.00	194.00	202.00	119.00	1740.00	204.00	124.00

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

GOLD (ppb)
LAKE SEDIMENTS
GSC OPEN FILE 1641
CENTRAL MANITOBA, 1987



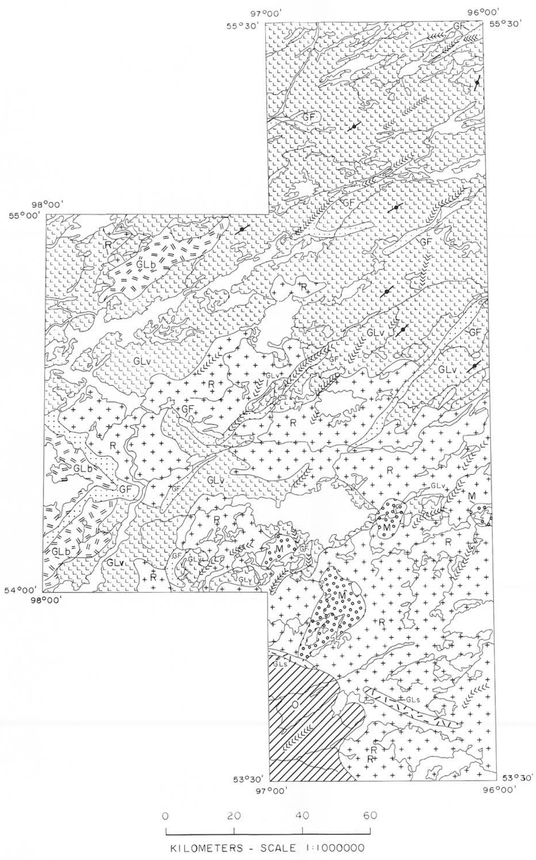
GOLD
IN
LAKE SEDIMENTS

PPB	%TILE
30.0	MAX
3.0	98
2.0	95
0.5	MIN

1697 SAMPLES

REGIONAL TREND MAP

0 20 40 60
KILOMETRES- SCALE 1:1000000



0 20 40 60
KILOMETERS - SCALE 1:1000000

SURFICIAL GEOLOGY

NONGLACIAL ENVIRONMENT

O — ORGANIC DEPOSITS: marsh, fen, bog and swamp deposits up to 6 m thick, seasonally flooded; commonly overlying fine textured proglacial lake and glacial till deposits.

PROGLACIAL AND GLACIAL ENVIRONMENT

GLACIOLACUSTRINE AND DEPOSITS:
clay silt, sand and minor gravel, 1 - 30 m thick, deposited in proglacial lakes.

GLs — Beach and nearshore deposits: sand and gravel <10 m thick, sand blanket <1 m thick; includes wave washed till and exposed bedrock.

GLb — Deep basin deposits: silt, clay and sand, 1 - 30 m thick, forming extensive lake plains and discontinuous veneer reflecting underlying topography; may include areas of iceberg scouring, thin alluvium, wave washed till and exposed bedrock.

GLv — Discontinuous veneer 1 - 2 m thick overlying till and bedrock, including rock outcrops.

GF — GLACIOFLUVIAL DEPOSITS: gravel, sand and silt 1 - 100 m thick, deposited in an ice-marginal environment; includes subaqueous outwash deposited in glacial lakes, and some late glacial valley fill.

GLACIAL ENVIRONMENT

GLACIAL DEPOSITS:
unsorted glacial debris, 1 - 10 m thick, reflecting composition of underlying bedrock; predominantly lodgment till; also includes extensive areas of hummocky stagnation moraine, ribbed moraine and water deposited till.

M — Till: 1 - 2 m thick, clay silt sand and gravel derived primarily from Precambrian bedrock, includes extensive areas of bedrock outcrop, surface reflects form of underlying bedrock surface.

NONGLACIAL ENVIRONMENT

R — BEDROCK

SYMBOLS

Boundary of surficial deposit unit or complex . . . . . .

Flutings, drumlins and drumlinoid ridges oriented parallel to ice flow direction . . . . . .

Esker (flow direction know or inferred) . . . . . .

This map has been derived from the following sources:

Klassen, R.W., and Netterville, J.A. (1985) Surficial geology, north-central Manitoba; Geological Survey of Canada Map 1603A, 1:500,000 scale.

Manitoba Mineral Resources Division (1981) Surficial Geological Map of Manitoba, 1:1,000,000 scale Map 81-1.

CONCENTRATION		FREQUENCY
4 to 30	+	N= 28(1.6%)
3	+	N= 18(1.1%)
1 to 2	+	N= 115(6.8%)
<1	+	N=1537(90.5%)

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 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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Tel.: (613) 995-4342

Contribution to Canada – Manitoba Mineral Development Agreement 1985 – 1989, a subsidiary agreement under the Economic and Regional Development Agreement. Project funded by the Geological Survey of Canada.

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Manitoba Energy and Mines

Energy, Mines and Resources Canada — Énergie, Mines et Ressources Canada

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Geological Survey of Canada
Commission géologique du Canada

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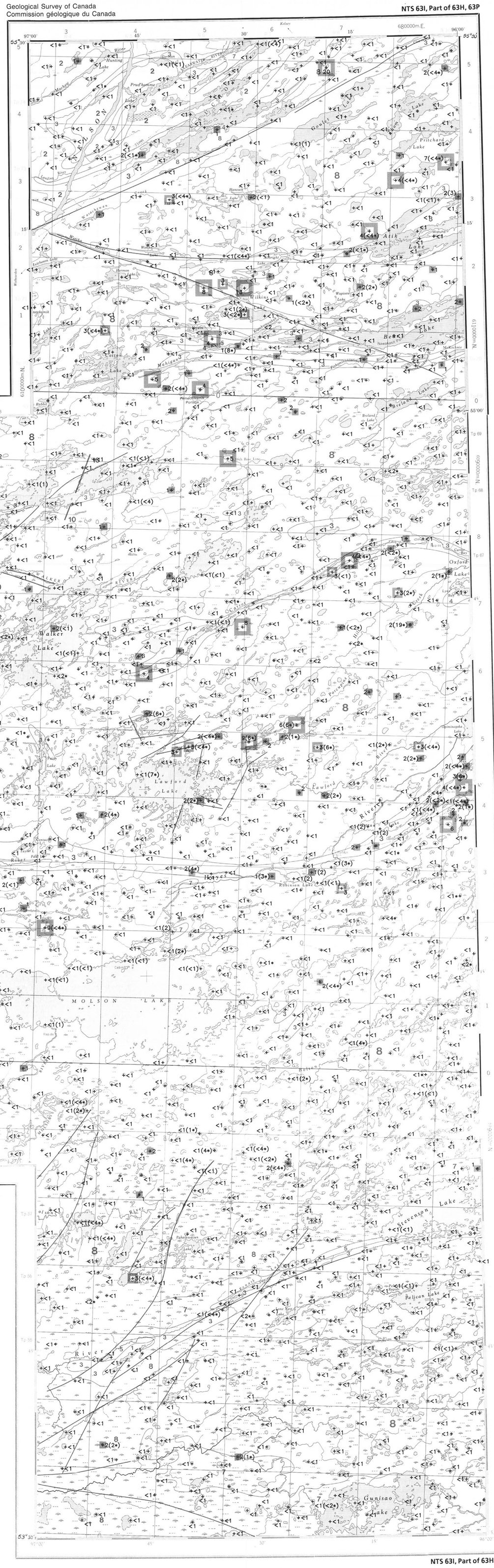

NTS 63I, Part of 63H, 63P

LEGEND

PRECAMBRIAN

10	Ada	04*	Molson Dykes: gabbro, diabase, lamprophyre.
9	AGgx	02	Pegmatite, granite pegmatite, two-mica granite.
8	AGg	02	Granite and granitoid gneiss; mainly tonalite-granodiorite, tonalitic gneiss, amphibolite, porphyritic granite.
7	AGb	02	Gabbro, anorthositic gabbro and diorite.
6	AGs	02	Metasedimentary rocks, gneiss and migmatite derived from arkose, arenite, quartzite and minor greywacke and conglomerate.
5	AGvs	02	Metasedimentary rocks, gneiss and schist derived from greywacke,mudstone and siltstone, with local minor grit and conglomerate.
4	AGfv	02	Felsic metavolcanic rocks, rhyolite and dacite.
3	AGmv	02	Mafic and intermediate metavolcanic rocks and amphibolite; may include minor quartzite, calc-silicate gneiss and iron formation.
2	Afgr	02	Felsic granulites and associated granitoid complexes with minor gabbro and anorthosite.
1	AGu	02	Ultramafic rocks; serpentinized peridotite, serpentinite, pyroxenite.

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

Geological boundary . . . . . .

Fault . . . . . .

No analytical result . . . . . *

Field duplicate site . . . . . *

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

Corkery, M.T. and Cameron, H.D.M., 1987, GS-26 Cross Lake supracrustal investigations (NTS Area 63I/12) in Report of Field Activities, Manitoba Energy and Mines, Minerals Division, pp. 134-135.
Manitoba Department of Energy and Mines, 1980, Mineral Map of Manitoba, Map 80-1, 1:1,000,000.

Elevation in feet above mean sea level

Mean magnetic declination 1988, 6° 25' East, decreasing 9.8' annually. Readings vary from 7° 43' in the SW corner to 5° 08' in the NE corner of the map area.

GOLD (ppb)
LAKE SEDIMENTS
GSC OPEN FILE 1641
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 106-87
CANADA – MANITOBA
MINERAL DEVELOPMENT AGREEMENT (1985 – 1989)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY
CENTRAL MANITOBA, 1987

Scale 1:50 000 - Échelle 1/50 000

Kilometres 1 0 1 2 3 4 Kilomètres

Universal Transverse Mercator Projection — Projection transverse universelle de Mercator

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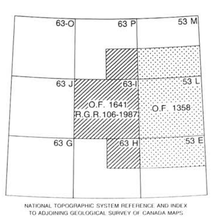

GOLD (ppb)
LAKE SEDIMENTS
GSC OPEN FILE 1641
CENTRAL MANITOBA, 1987

SAMPLE LOCATION
LAKE SEDIMENTS
GSC OPEN FILE 1641
CENTRAL MANITOBA, 1987

Geological Survey of Canada
Commission géologique du Canada

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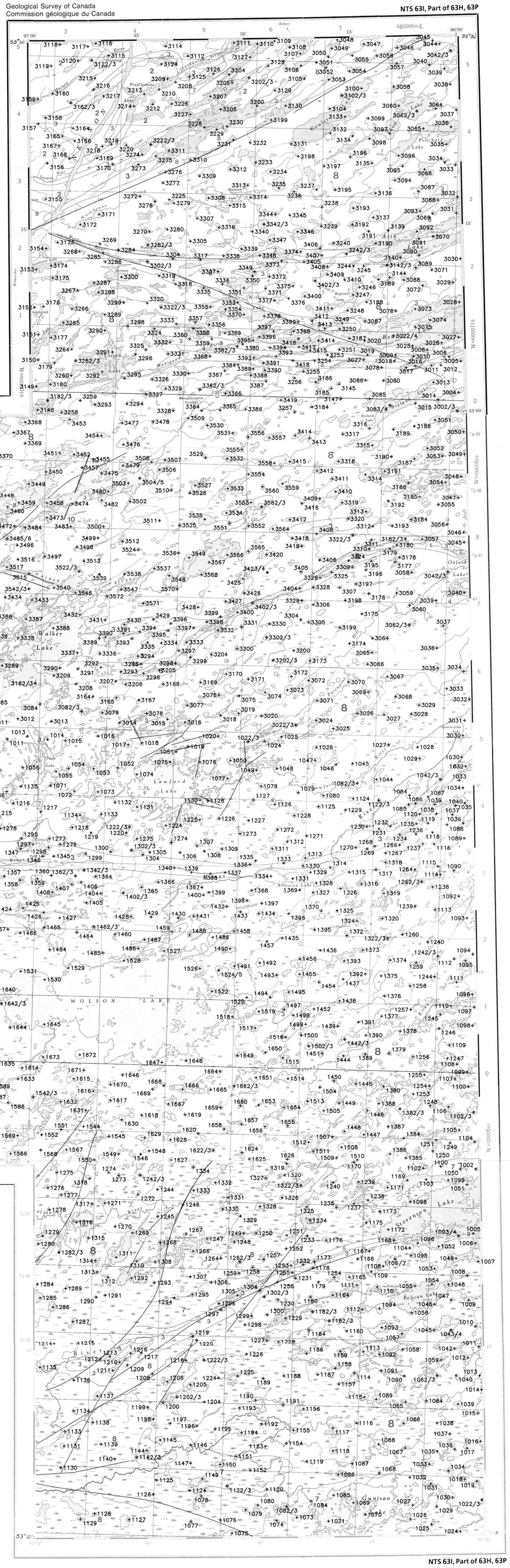
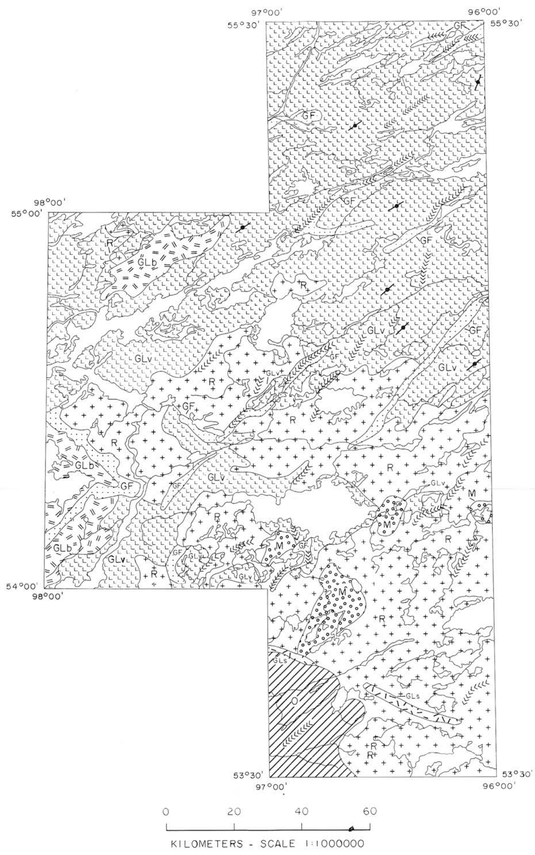




SURFICIAL GEOLOGY

NONGLACIAL ENVIRONMENT

ORGANIC DEPOSITS: marsh, fen, bog and swamp deposits up to 6 m thick, seasonally flooded; commonly overlying fine textured proglacial lake and glacial till deposits.

PROGLACIAL AND GLACIAL ENVIRONMENT

GLACIOLACUSTRINE AND DEPOSITS:
clay silt, sand and minor gravel, 1 - 30 m thick, deposited in proglacial lakes.

Beach and nearshore deposits: sand and gravel <10 m thick, sand blanket <1 m thick; includes wave washed till and exposed bedrock.

Deep basin deposits: silt, clay and sand, 1 - 30 m thick, forming extensive lake plains and discontinuous veneer reflecting underlying topography; may include areas of iceberg scouring, thin alluvium, wave washed till and exposed bedrock.

Discontinuous veneer 1 - 2 m thick overlying till and bedrock, including rock outcrops.

GLACIOFLUVIAL DEPOSITS: gravel, sand and silt 1 - 100 m thick, deposited in an ice-marginal environment; includes subaqueous outwash deposited in glacial lakes, and some late glacial valley fill.

GLACIAL ENVIRONMENT

GLACIAL DEPOSITS:
unsorted glacial debris, 1 - 10 m thick, reflecting composition of underlying bedrock; predominantly lodgment till; also includes extensive areas of hummocky stagnation moraine, ribbed moraine and water deposited till.

Till: 1 - 2 m thick, clay silt sand and gravel derived primarily from Precambrian bedrock, includes extensive areas of bedrock outcrop, surface reflects form of underlying bedrock surface.

NONGLACIAL ENVIRONMENT

BEDROCK

SYMBOLS

Boundary of surficial deposit unit or complex . . . . . .

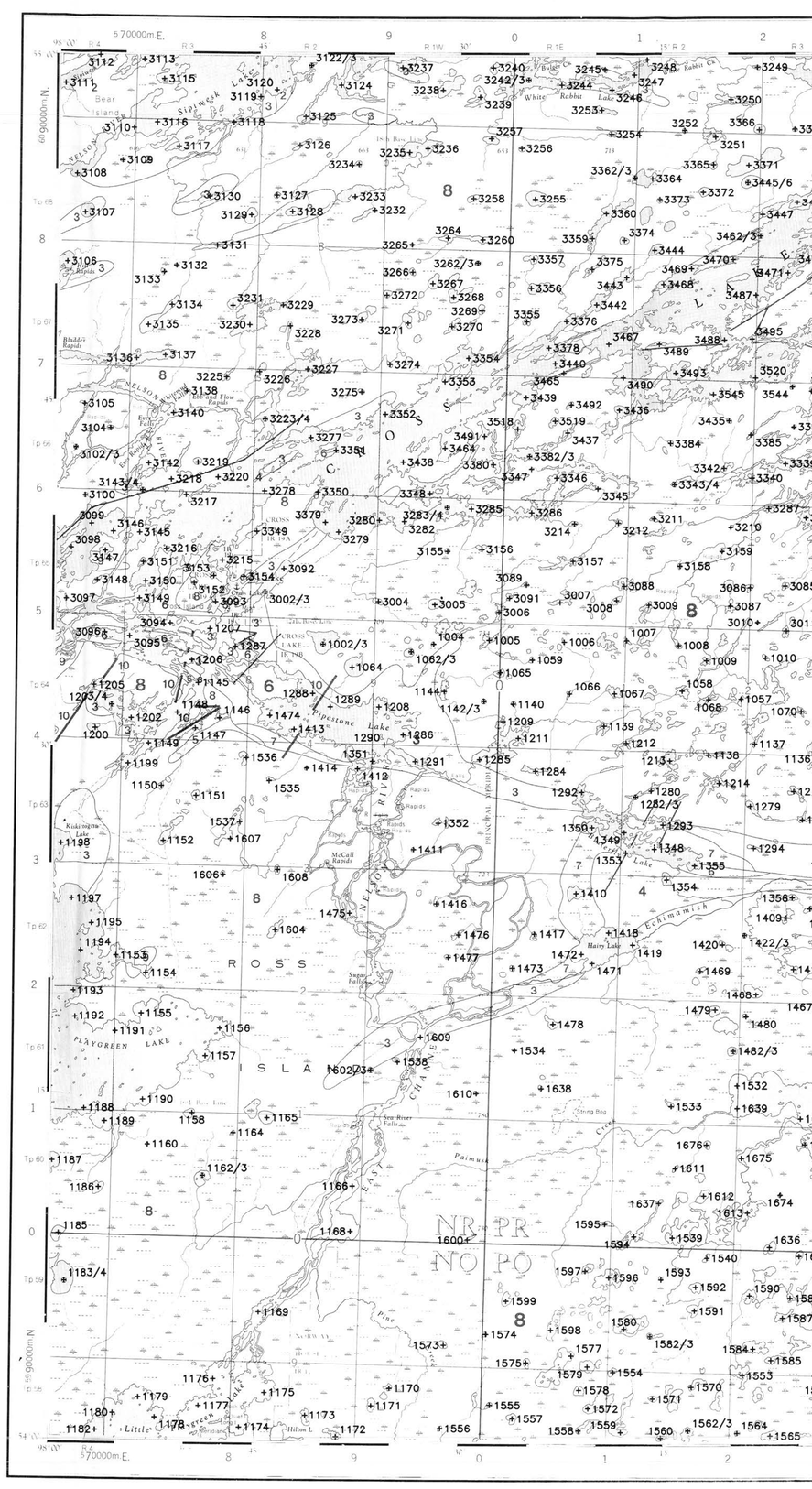
Flutings, drumlins and drumlinoid ridges oriented parallel to ice flow direction . . . . . .

Esker (flow direction know or inferred) . . . . . .

This map has been derived from the following sources:

Klassen, R.W., and Netterville, J.A. (1985) Surficial geology, north-central Manitoba; Geological Survey of Canada Map 1603A, 1:500,000 scale.

Manitoba Mineral Resources Division (1981) Surficial Geological Map of Manitoba, 1:1,000,000 scale Map 81-1.



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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 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

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Manitoba Energy and Mines

Energy, Mines and Resources Canada / Énergie, Mines et Ressources Canada

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GEOLOGICAL SURVEY – COMMISSION GÉOLOGIQUE
INDEX MAP – LIEU DE LA CARTE

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SAMPLE LOCATION
LAKE SEDIMENTS
GSC OPEN FILE 1641

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 106-87

CANADA – MANITOBA
MINERAL DEVELOPMENT AGREEMENT (1985 – 1989)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY
CENTRAL MANITOBA, 1987

Scale 1:50 000 - Échelle 1/50 000

Kilometres 1 0 1 2 3 4 Kilomètres

Universal Transverse Mercator Projection
Projection transverse universelle de Mercator

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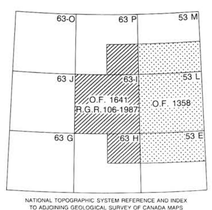
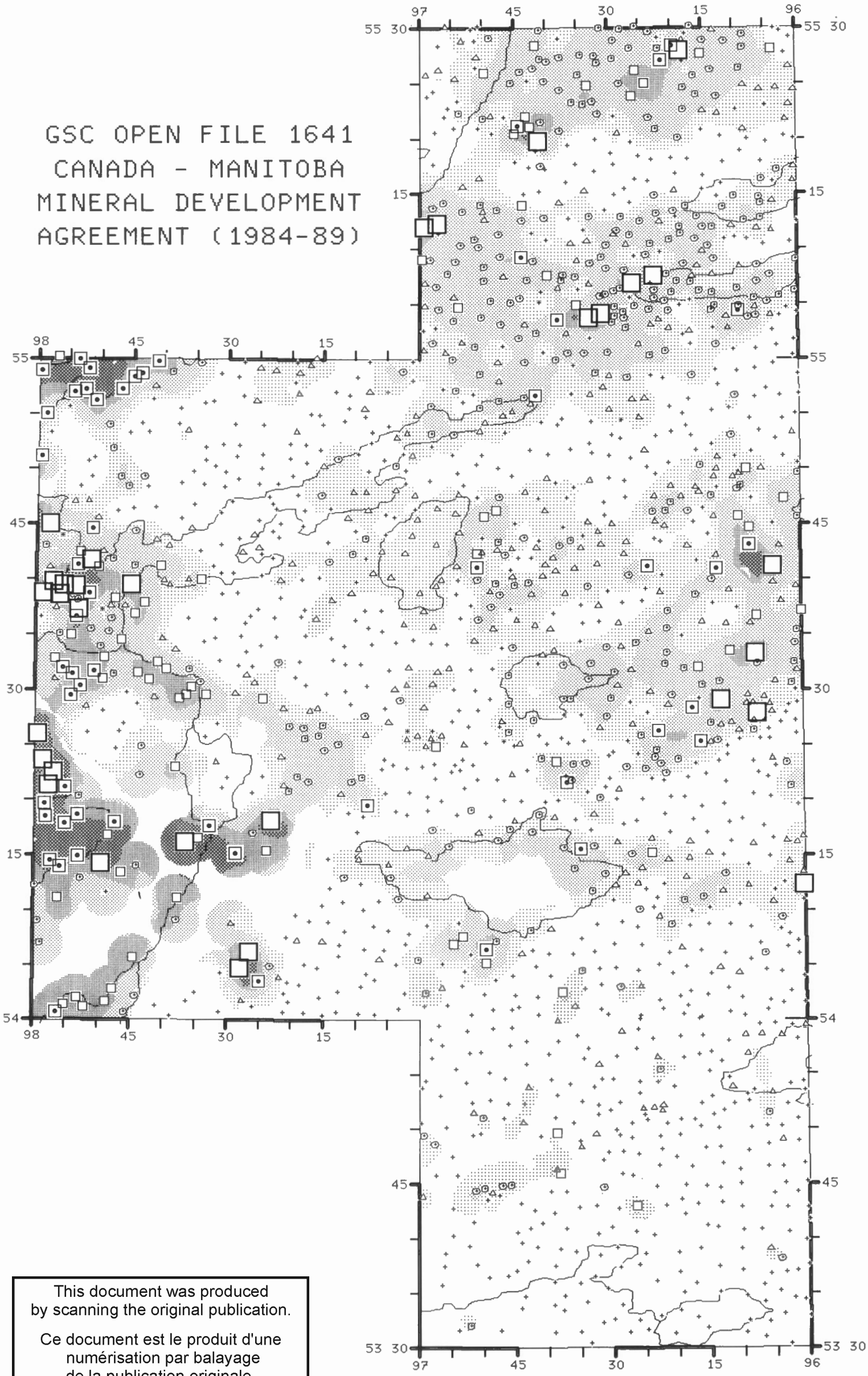


SAMPLE LOCATION
LAKE SEDIMENTS
GSC OPEN FILE 1641
CENTRAL MANITOBA, 1987

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
(PARTS OF 63H,63P)



ALKALINITY
IN
LAKE WATERS

PPM	%TILE
144.0	MAX
101.0	98
93.0	95
84.0	90
64.0	70
52.0	50
5.0	MIN

1698 SAMPLES

PPM	%TILE
144.0	MAX
93.0	95
84.0	90
64.0	70
52.0	50
5.0	MIN

1698 SAMPLES

0 20
KILOMETRES

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CANADA - MANITOBA
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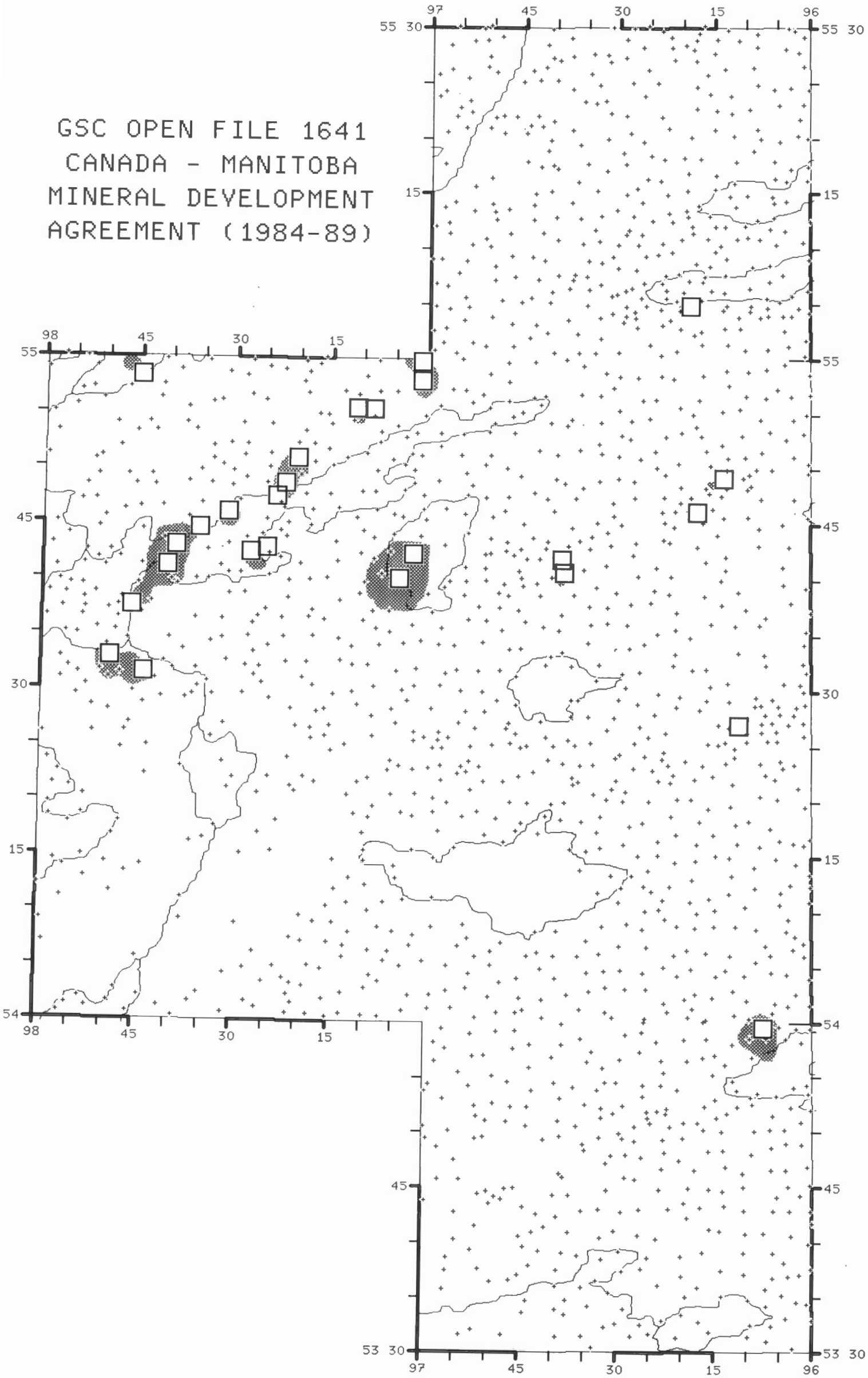
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
(PARTS OF 63H,63P)



ANTIMONY
IN
LAKE SEDIMENTS

PPM %TILE
2.0 - - MAX
0.2 - - 98
0.1 - - MIN
1698 SAMPLES

PPM %TILE
2.0 MAX
0.2 98
0.1 MIN
1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
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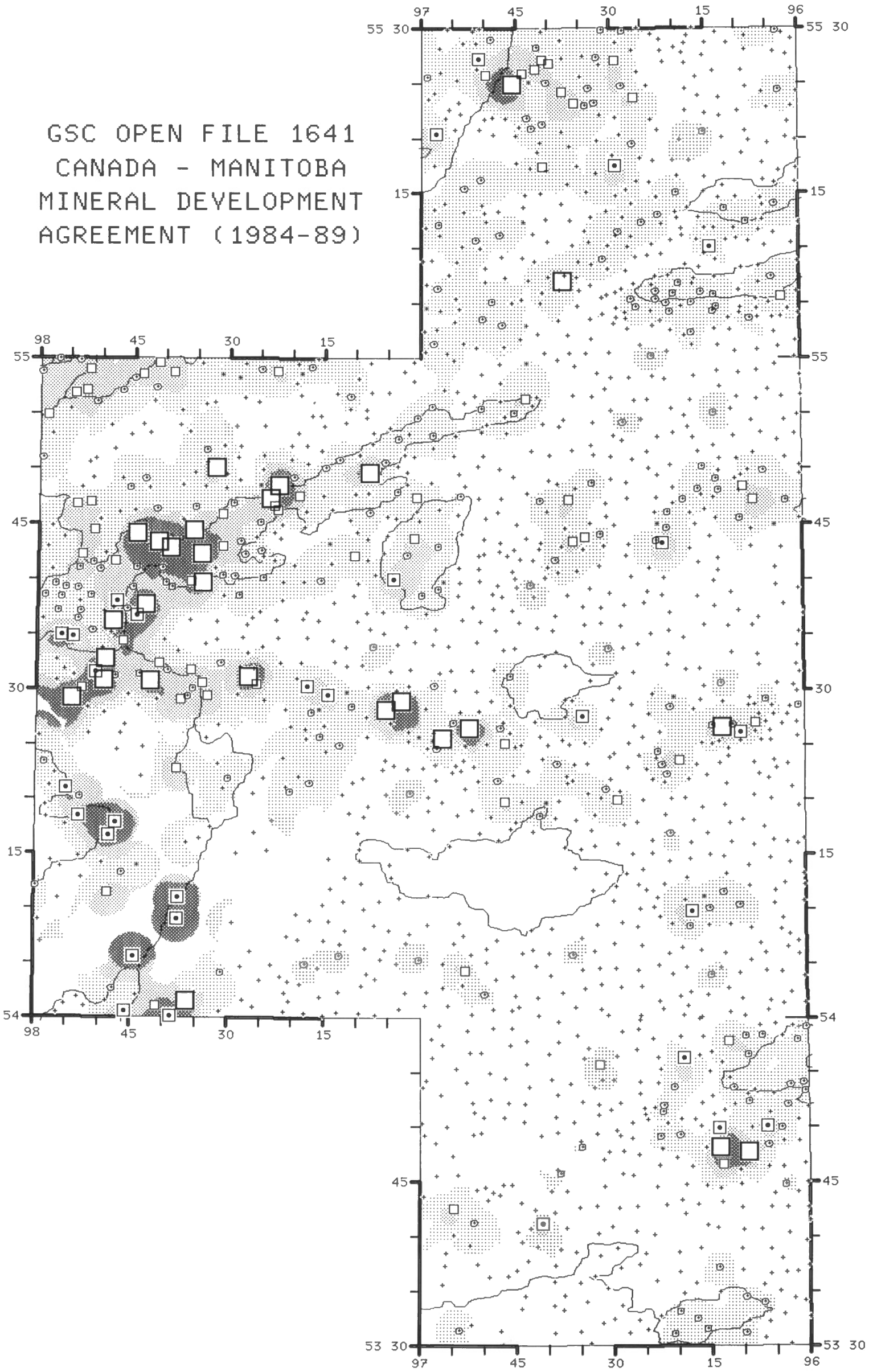

ARSENIC
IN
LAKE SEDIMENTS

PPM	%TILE
17.0	MAX
4.0	98
3.0	95
2.0	90
1.0	80
0.5	MIN

1698 SAMPLES

PPM	%TILE
17.0	MAX
3.0	95
2.0	90
1.0	80
0.5	MIN

1698 SAMPLES

0 20
KILOMETRES

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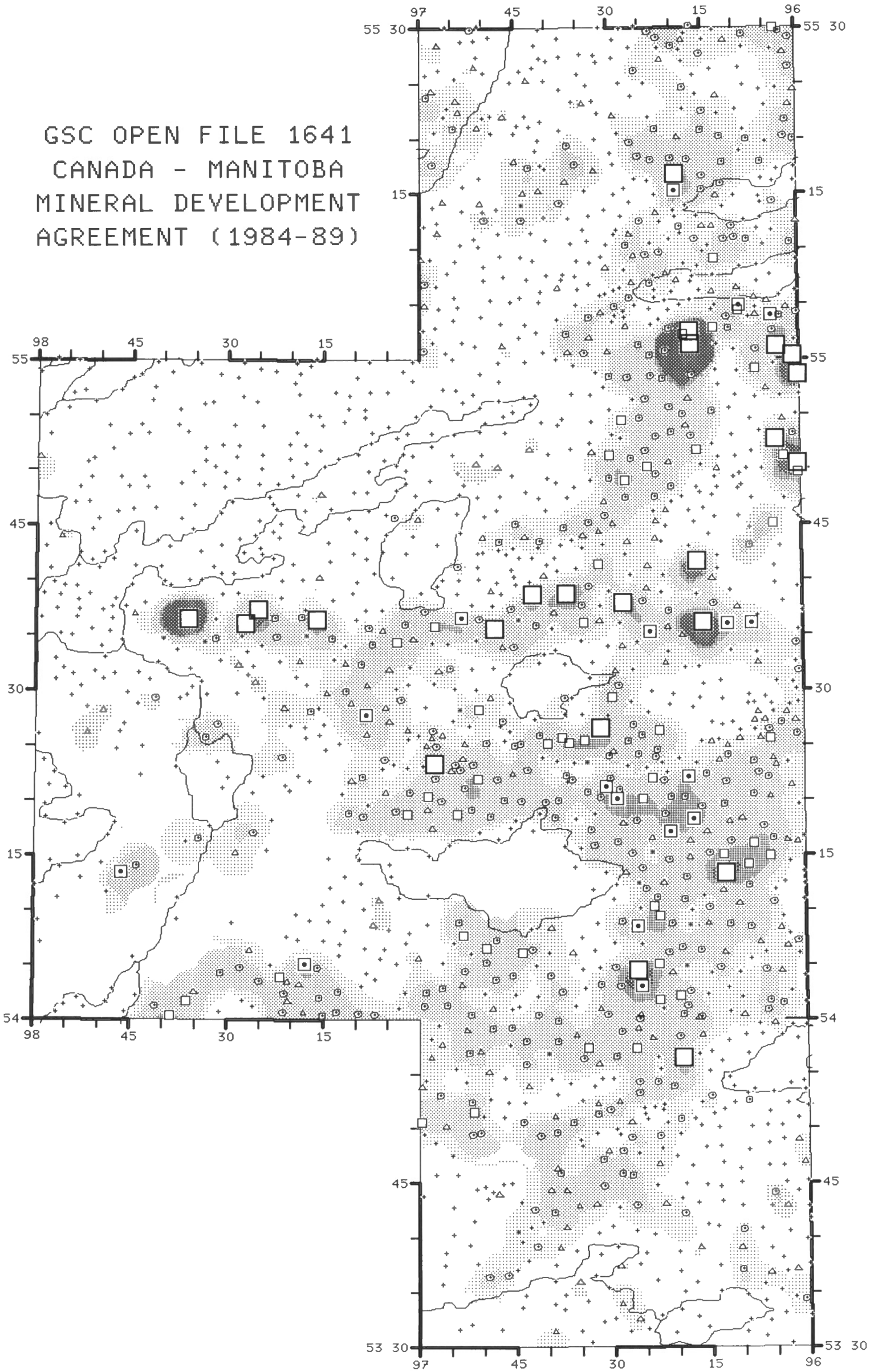

CADMIUM
IN
LAKE SEDIMENTS

PPM	%TILE
18.1	MAX
0.7	98
0.6	95
0.5	90
0.3	70
0.2	60
0.1	MIN

1698 SAMPLES

PPM	%TILE
18.1	MAX
0.6	95
0.5	90
0.3	70
0.2	60
0.1	MIN

1698 SAMPLES

0 20
KILOMETRES

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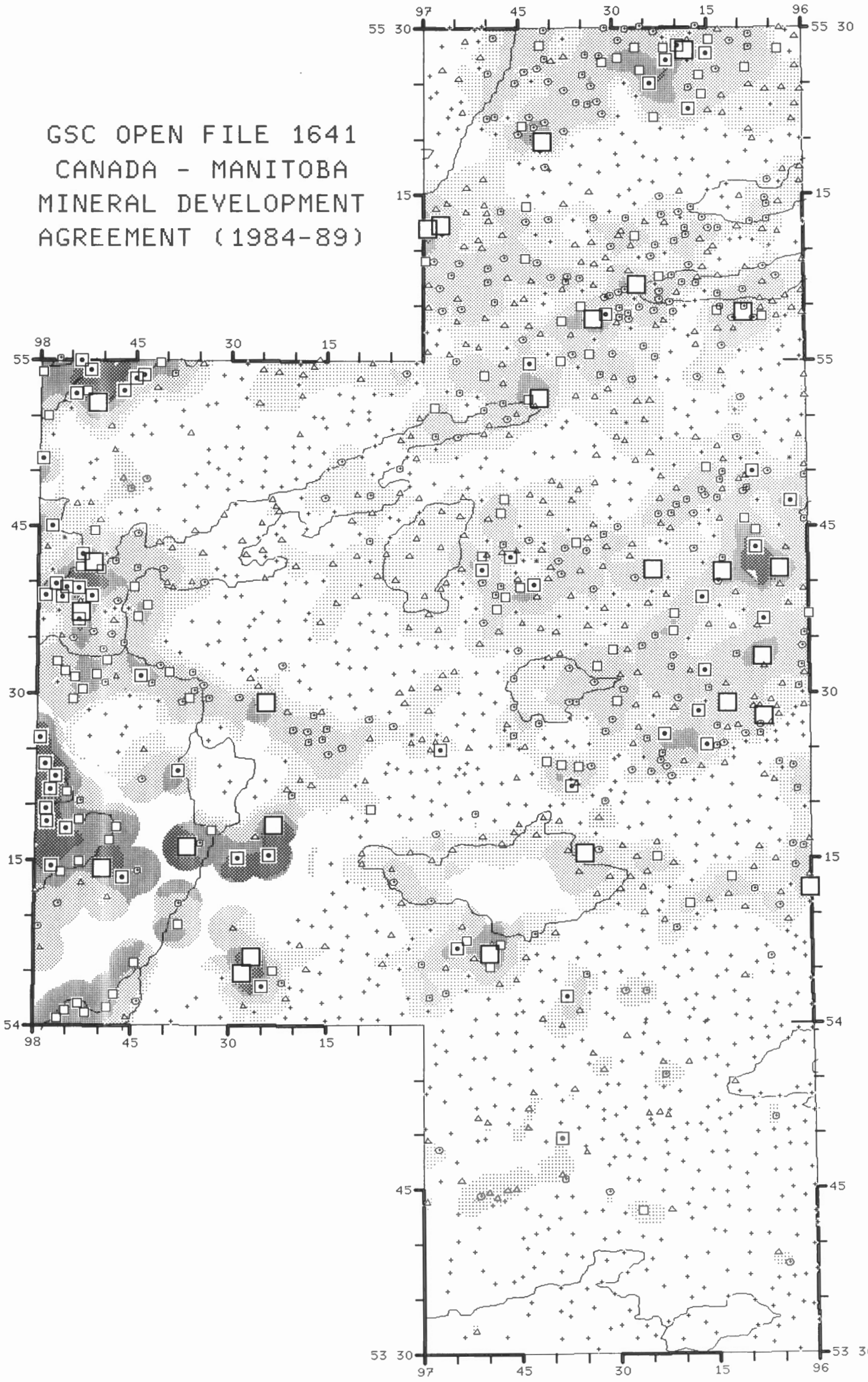

CALCIUM
IN
LAKE WATERS

PPM	%TILE
47.00	MAX
31.00	98
28.00	95
25.00	90
20.00	70
16.20	50
1.60	MIN

1698 SAMPLES

PPM	%TILE
47.00	MAX
28.00	95
25.00	90
20.00	70
16.20	50
1.60	MIN

1698 SAMPLES

0 20
KILOMETRES

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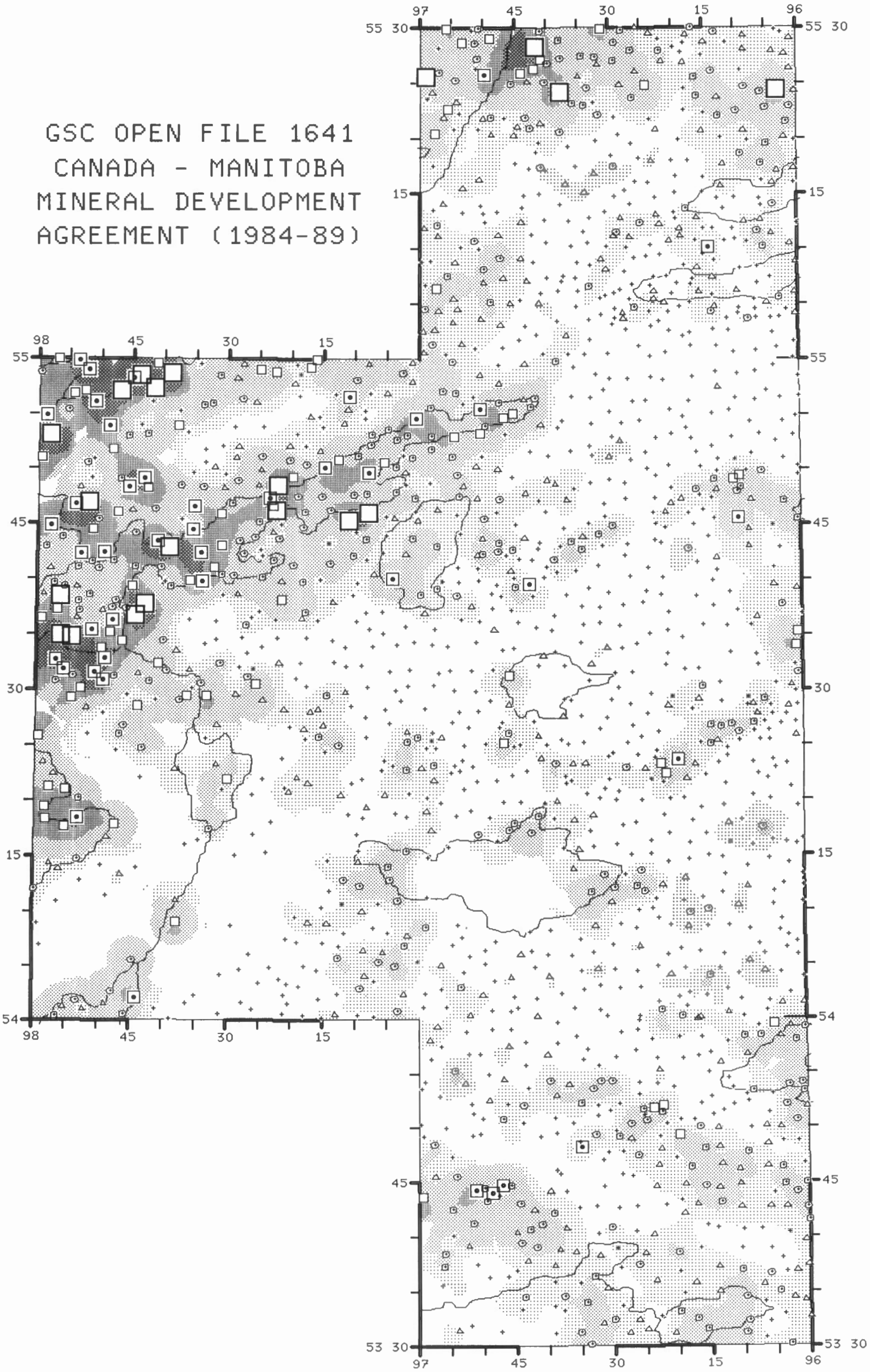

COBALT
IN
LAKE SEDIMENTS

PPM	%TILE
20	MAX
15	98
13	95
11	90
7	70
5	50
1	MIN

1698 SAMPLES

PPM	%TILE
20	MAX
13	95
11	90
7	70
5	50
1	MIN

1698 SAMPLES

0 20
KILOMETRES

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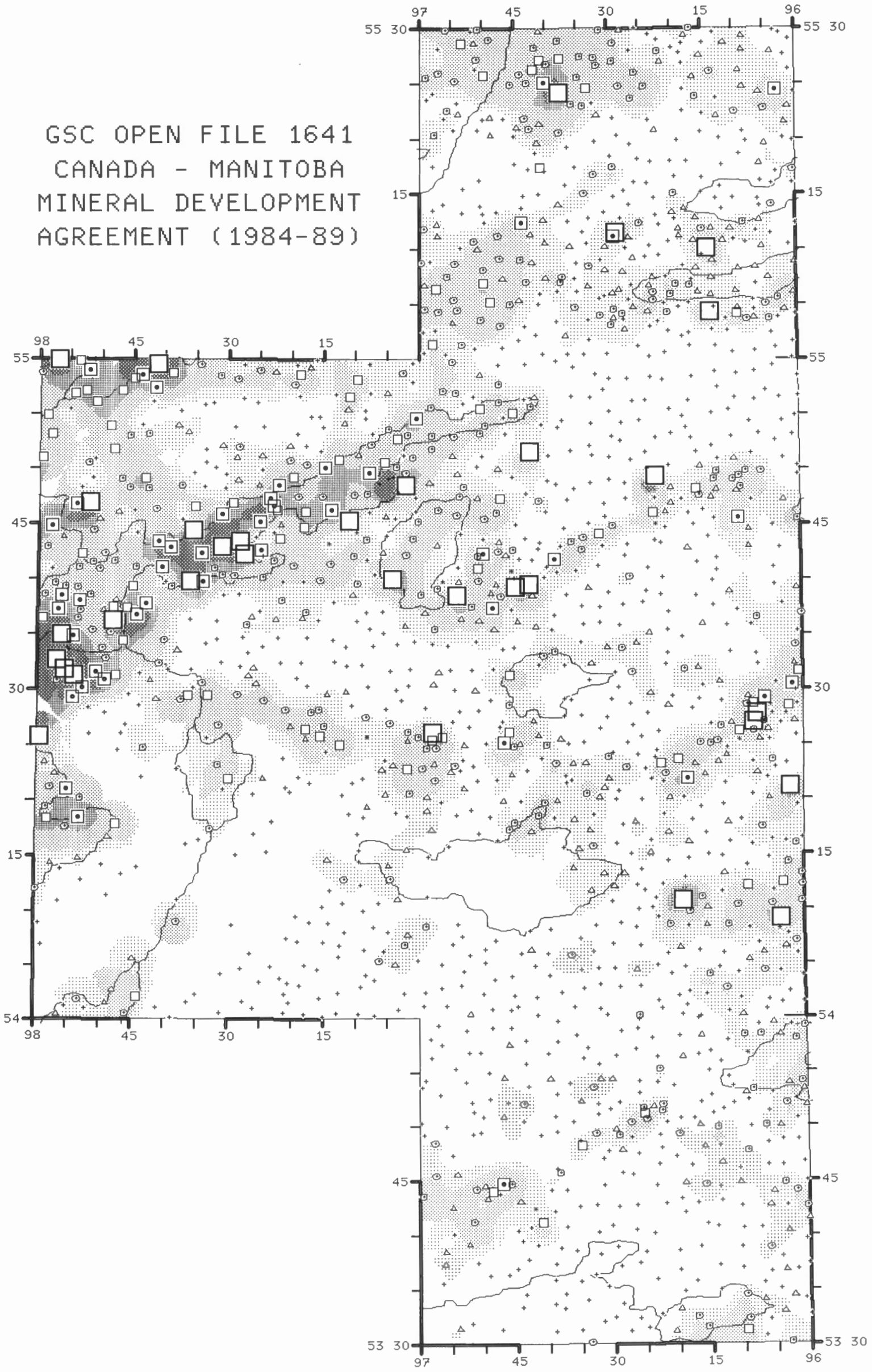

COPPER
IN
LAKE SEDIMENTS

PPM	%TILE
80	MAX
36	98
31	95
27	90
19	70
15	50
1	MIN

1698 SAMPLES

PPM	%TILE
80	MAX
31	95
27	90
19	70
15	50
1	MIN

1698 SAMPLES

0 20
KILOMETRES

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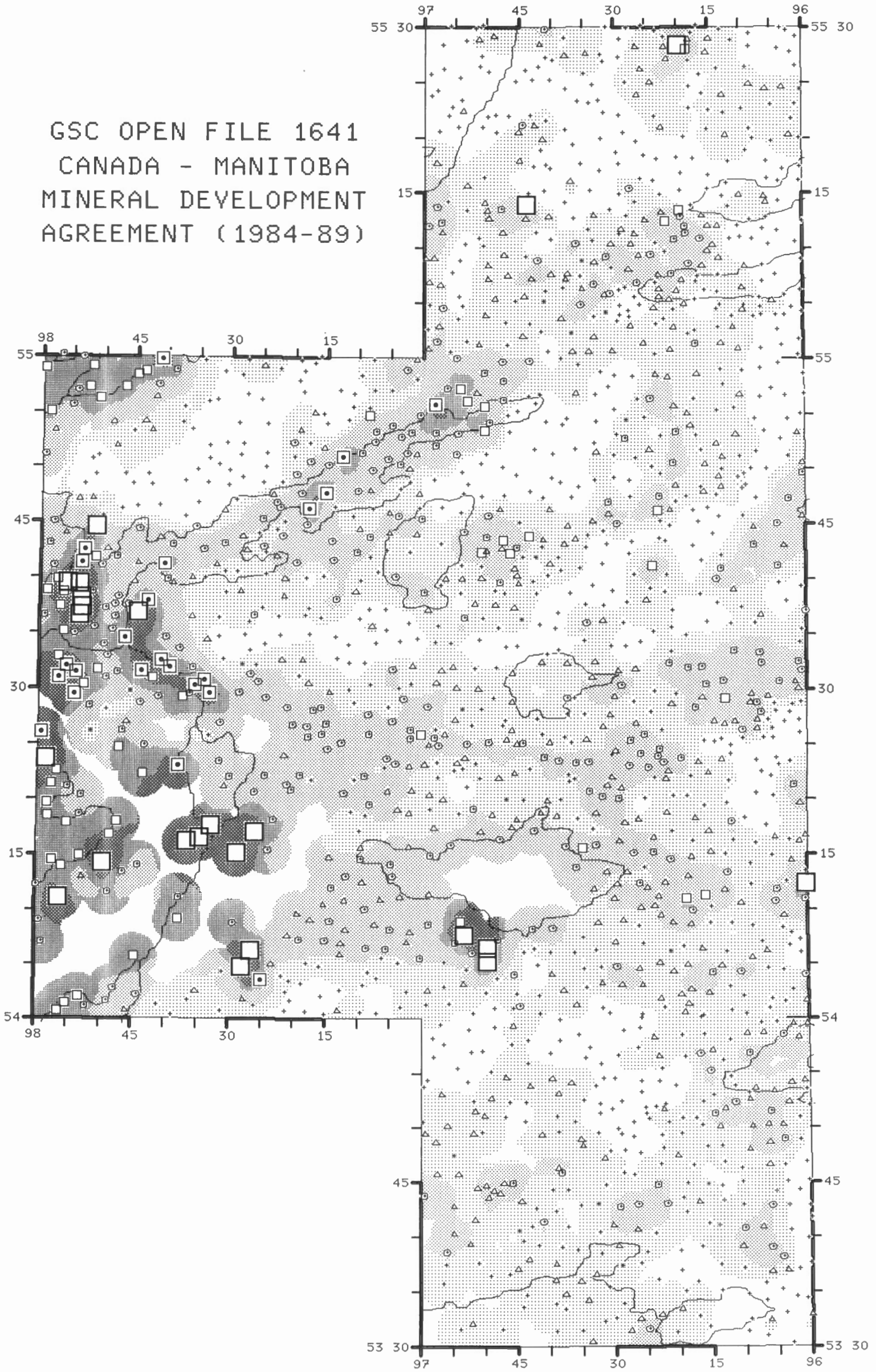

FLUORIDE
IN
LAKE WATERS

PPB	%TILE
120 -	- MAX
90 -	- 98
80 -	- 95
70 -	- 90
50 -	- 70
40 -	- 50
20 -	- MIN

1698 SAMPLES

PPB	%TILE
120	MAX
80	95
70	90
50	70
40	50
20	MIN

1698 SAMPLES

0 20
KILOMETRES

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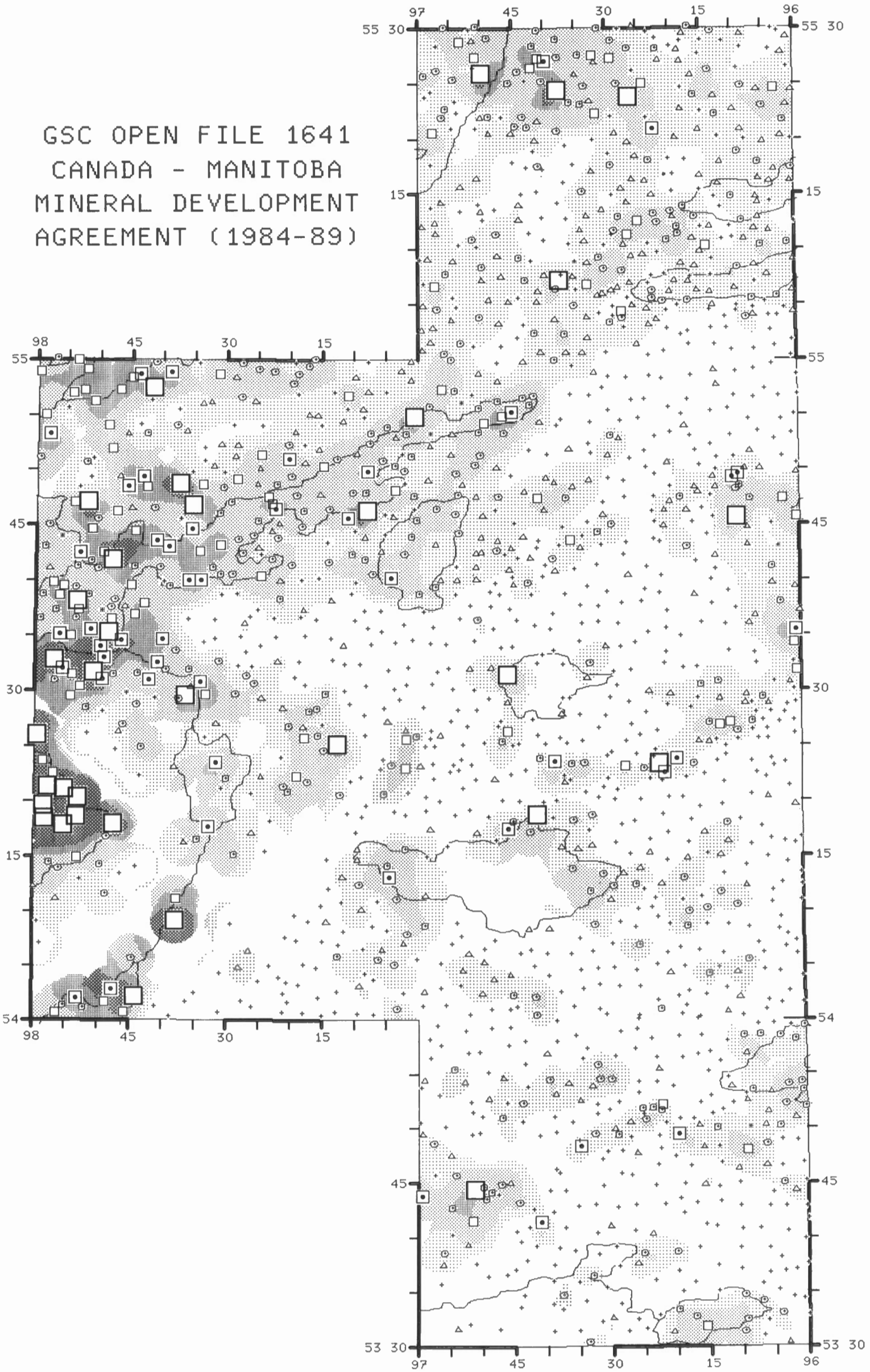

FLUORINE
IN
LAKE SEDIMENTS

PPM	%TILE
695	MAX
500	98
440	95
385	90
270	70
185	50
20	MIN

1698 SAMPLES

PPM	%TILE
695	MAX
440	95
385	90
270	70
185	50
20	MIN

1698 SAMPLES

0 20
KILOMETRES

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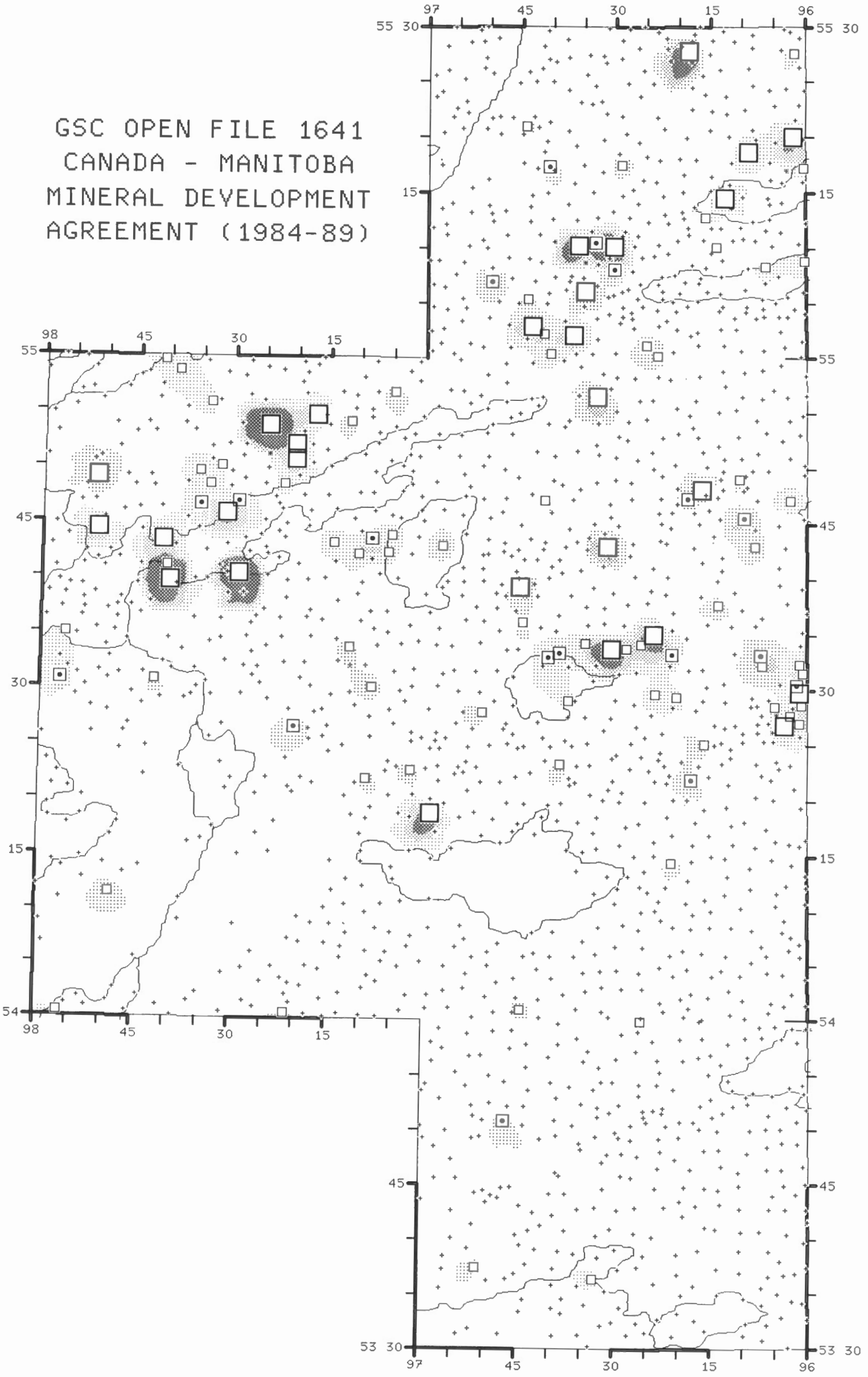

GOLD
IN
LAKE SEDIMENTS

PPB	%TILE
30.0	MAX
3.0	98
2.0	95
1.0	92
0.5	MIN

1697 SAMPLES

PPB	%TILE
30.0	MAX
3.0	98
2.0	95
1.0	92
0.5	MIN

1697 SAMPLES

0 20
KILOMETRES

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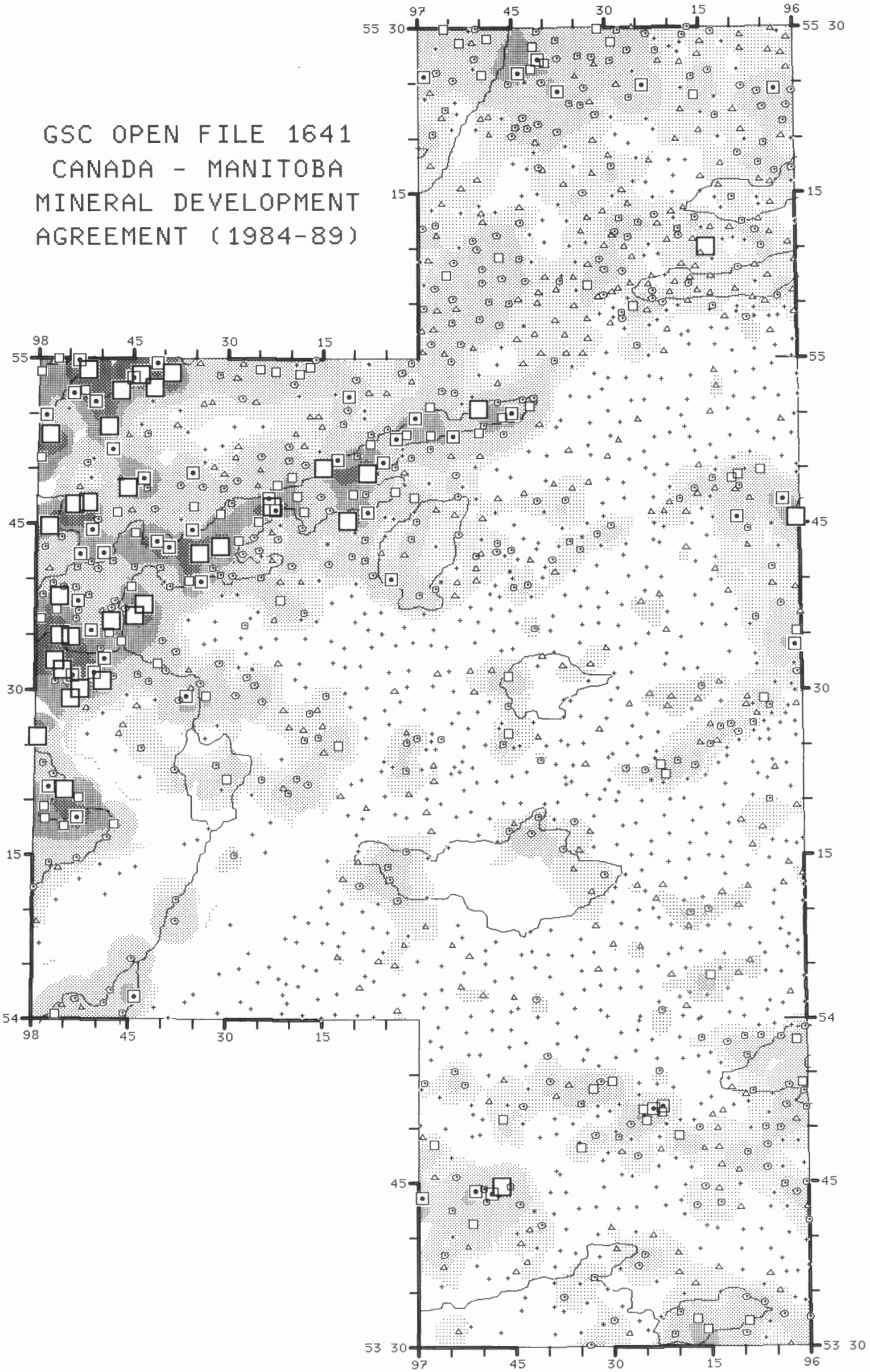

IRON
IN
LAKE SEDIMENTS

PCT	%TILE
5.03 -	- MAX
3.91 -	- 98
3.45 -	- 95
2.83 -	- 90
1.54 -	- 70
1.02 -	- 50
0.06 -	- MIN

1698 SAMPLES

PCT	%TILE
5.03	MAX
3.45	95
2.83	90
1.54	70
1.02	50
0.06	MIN

1698 SAMPLES

0 20
KILOMETRES

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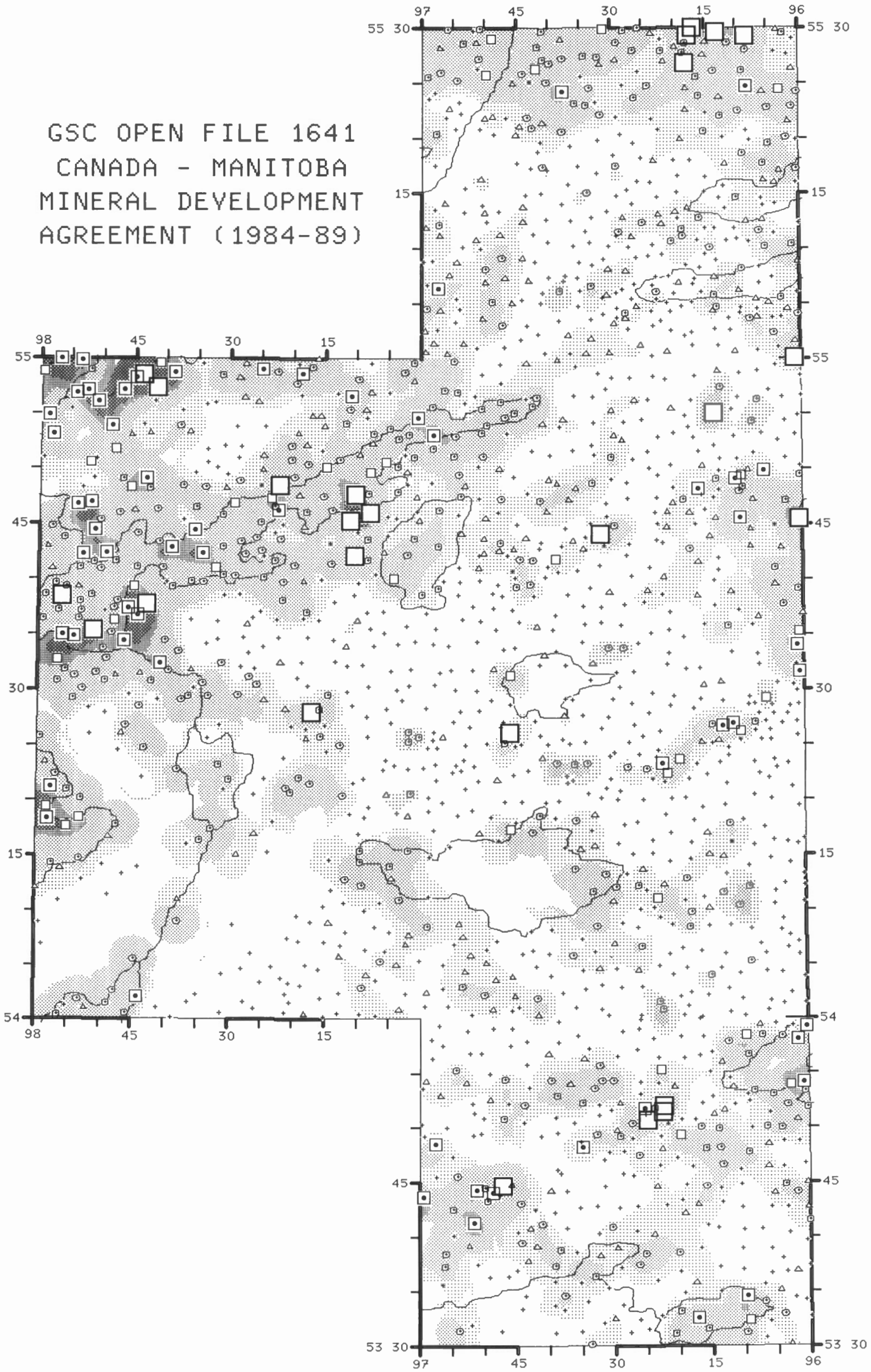

LEAD
IN
LAKE SEDIMENTS

PPM	%TILE
22	MAX
16	98
14	95
13	90
8	70
6	50
1	MIN

1698 SAMPLES

PPM	%TILE
22	MAX
14	95
13	90
8	70
6	50
1	MIN

1698 SAMPLES

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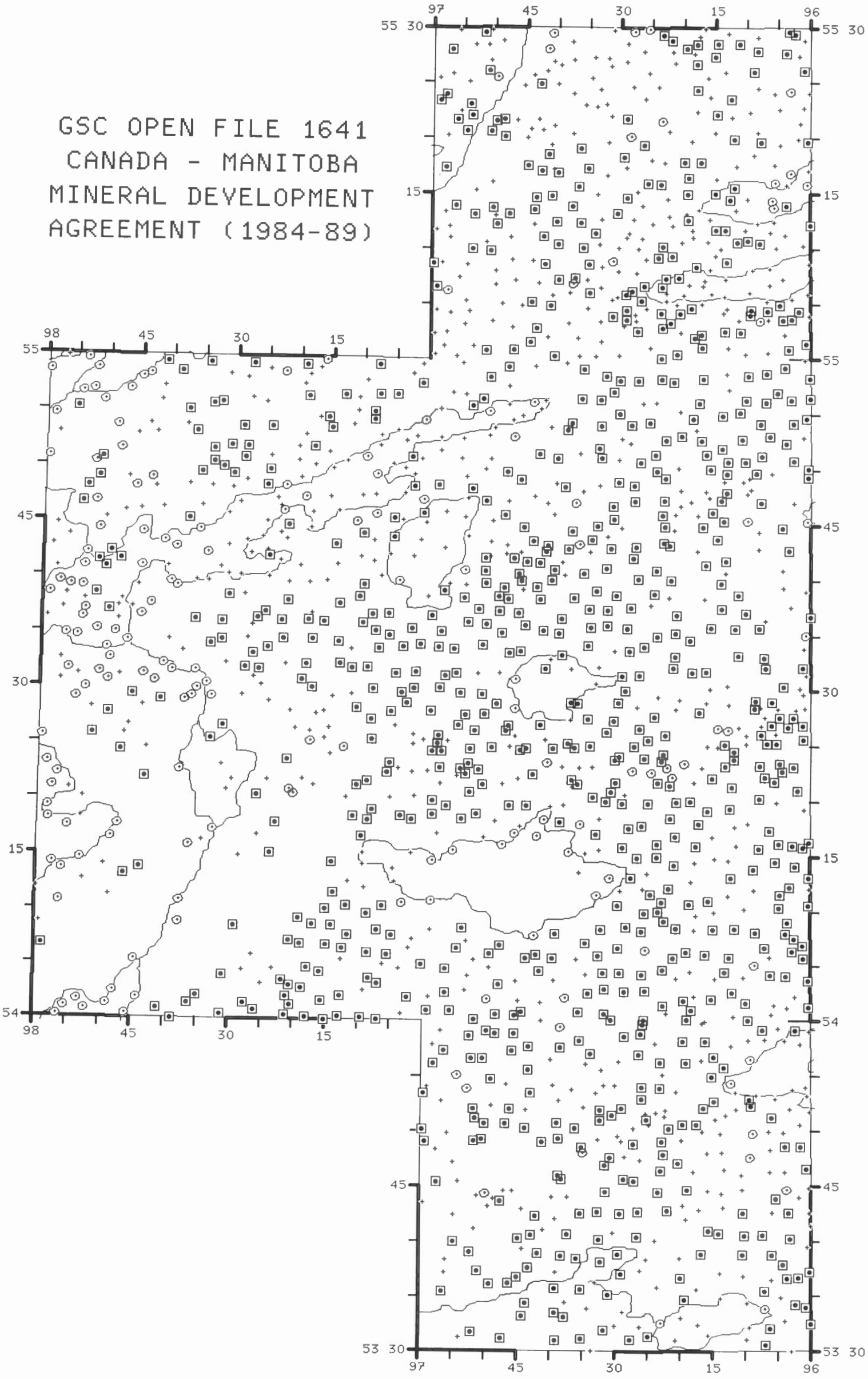


LOSS ON IGNITION
IN
LAKE SEDIMENTS

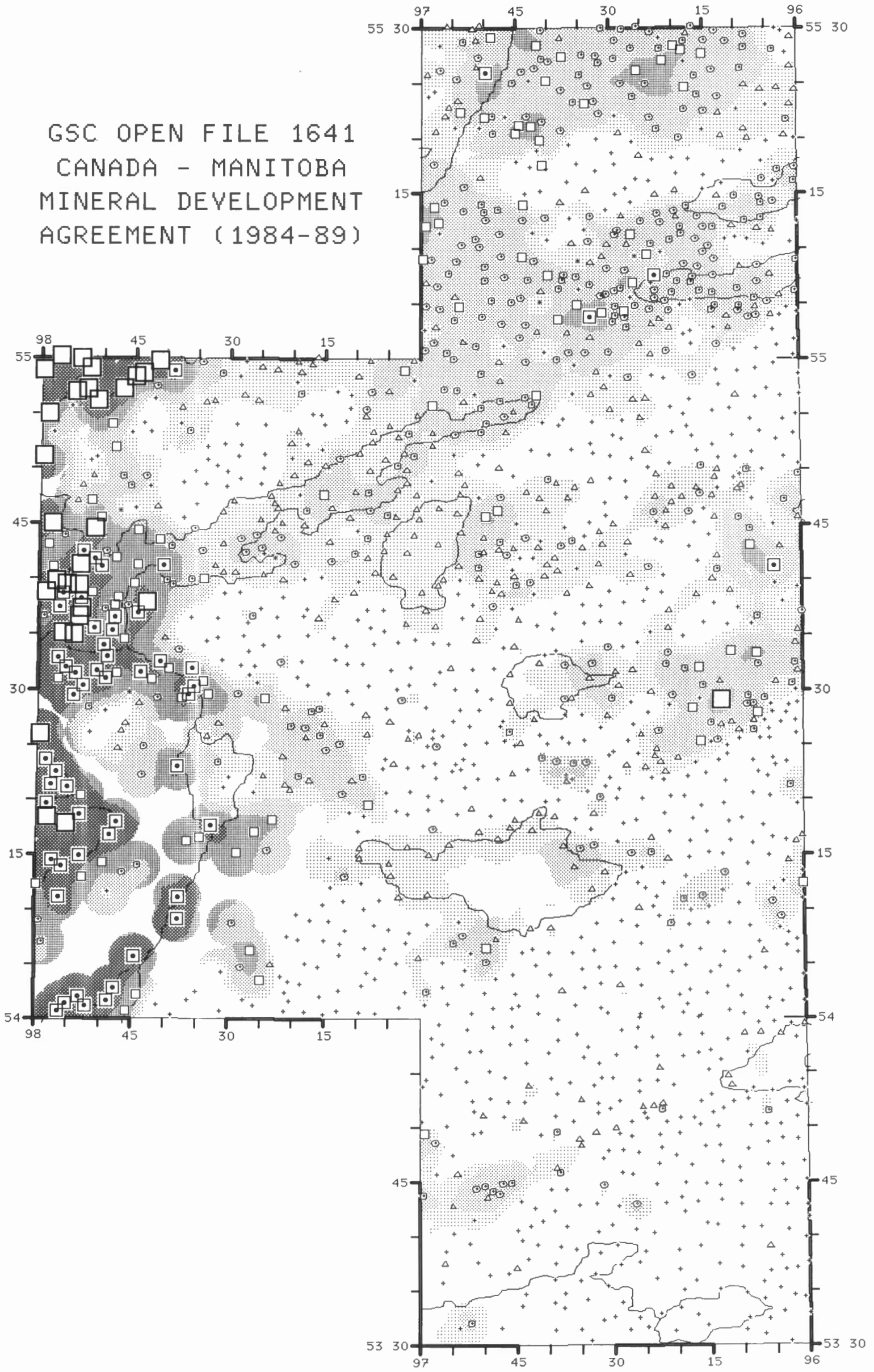
PCT	%TILE
90.6 -	- MAX
60.0 -	- 51
15.0 -	- 10
1.4 -	- MIN

1699 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
(PARTS OF 63H,63P)



MAGNESIUM
IN
LAKE WATERS

PPM	%TILE
14.00	MAX
10.40	98
8.60	95
6.20	90
4.40	70
3.64	50
0.40	MIN

1698 SAMPLES

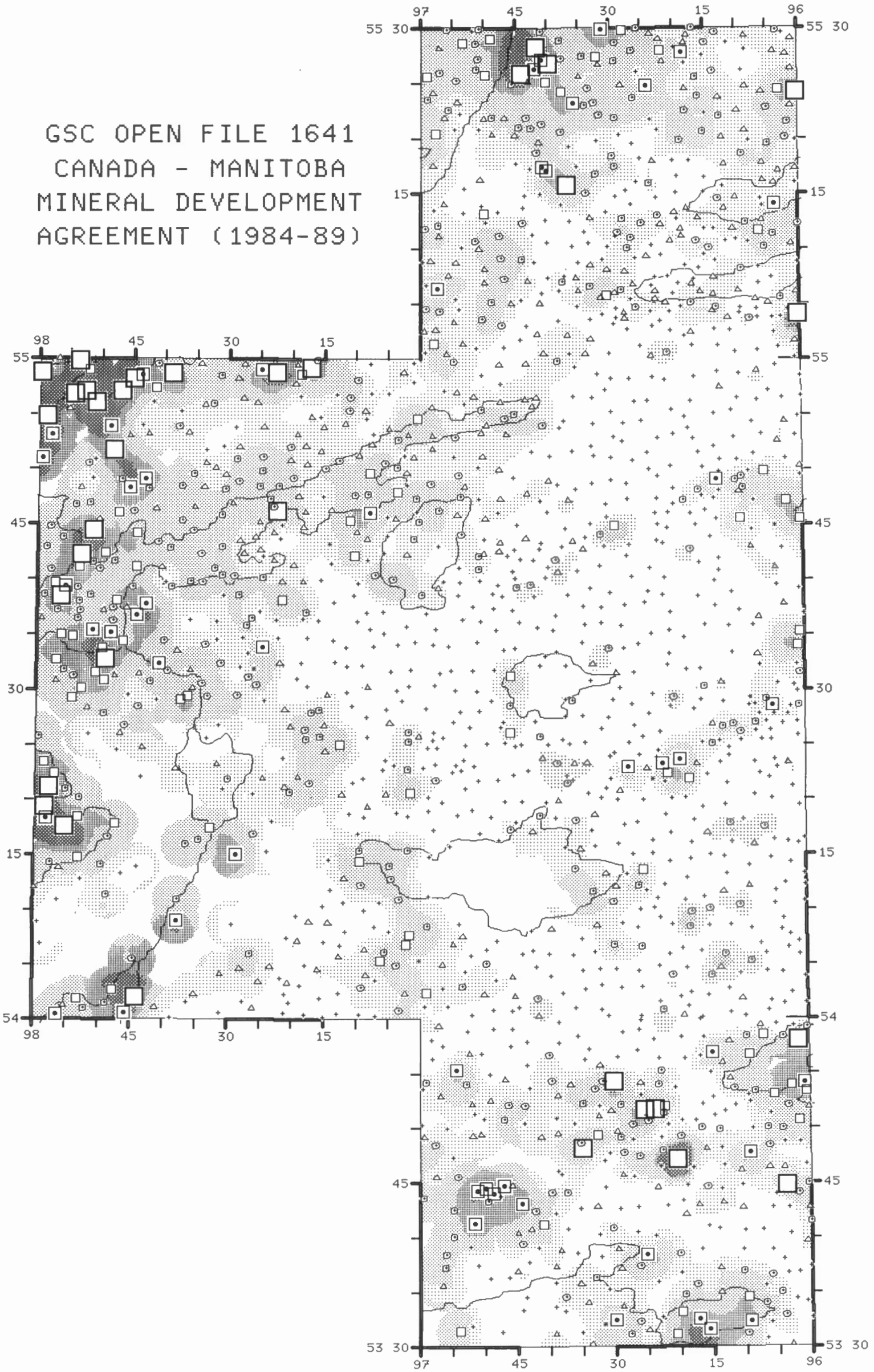
PPM	%TILE
14.00	MAX
8.60	95
6.20	90
4.40	70
3.64	50
0.40	MIN

1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
(PARTS OF 63H,63P)



MANGANESE
IN
LAKE SEDIMENTS

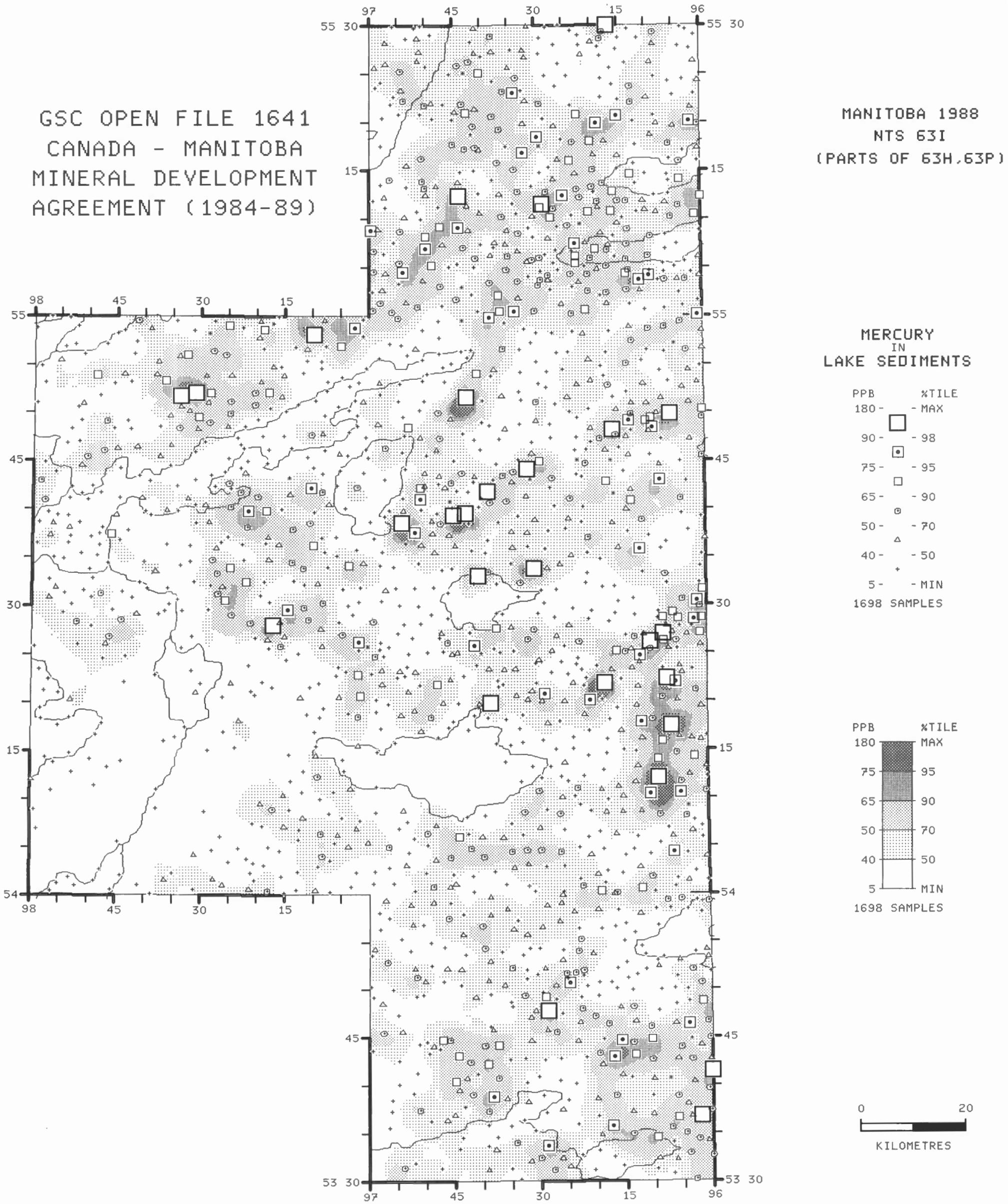
PPM	%TILE
1491 -	- MAX
476 -	- 98
385 -	- 95
308 -	- 90
190 -	- 70
139 -	- 50
2 -	- MIN

1698 SAMPLES

PPM	%TILE
1491	MAX
385	95
308	90
190	70
139	50
2	MIN

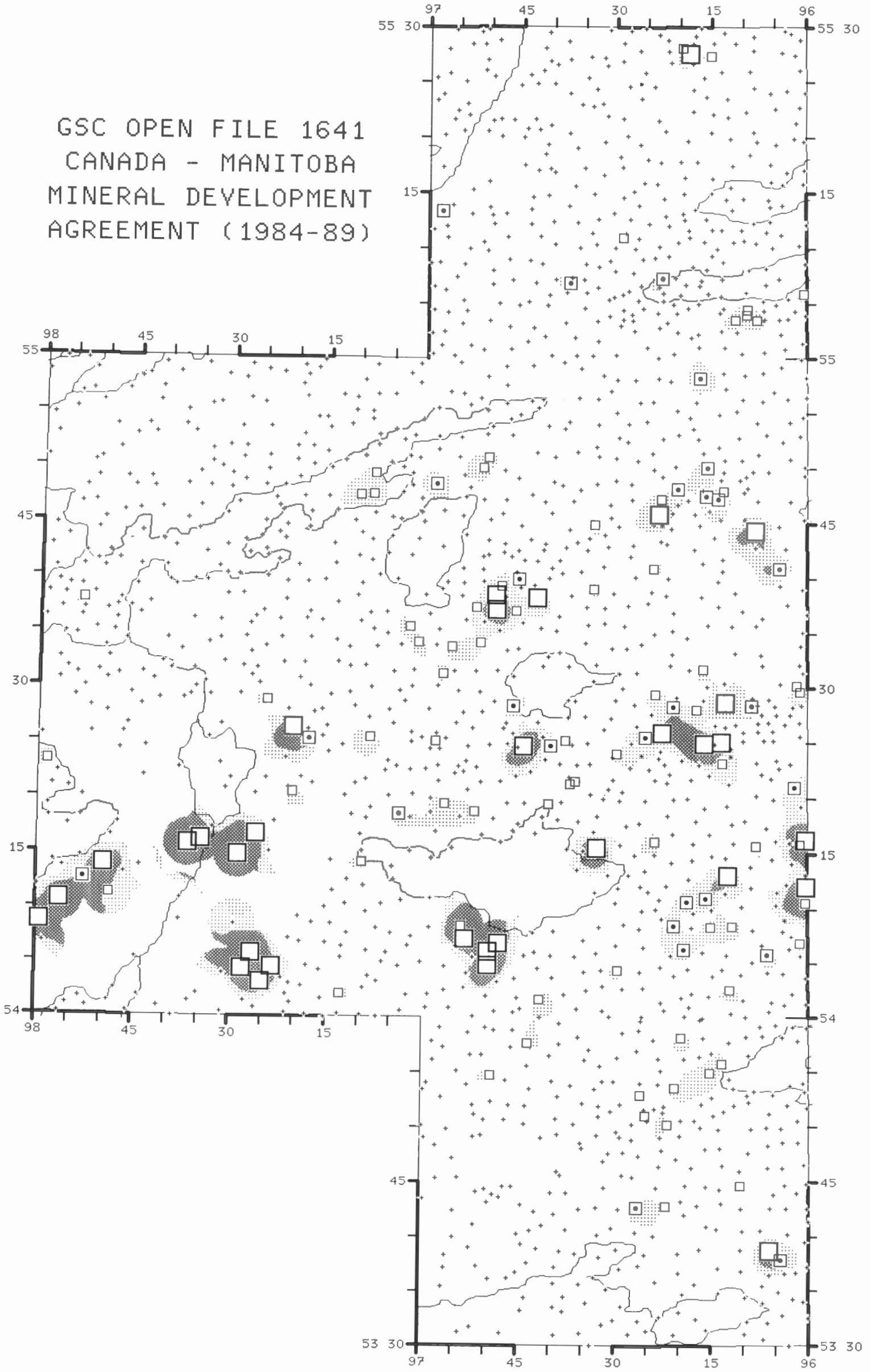
1698 SAMPLES

0 20
KILOMETRES


GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)
MANITOBA 1988
NTS 63I
(PARTS OF 63H,63P)
MERCURY
IN
LAKE SEDIMENTS
PPB
%TILE
180 - - MAX
90 - - 98
75 - - 95
65 - - 90
50 - - 70
40 - - 50
5 - - MIN
1698 SAMPLES
PPB
%TILE
180 MAX
75 95
65 90
50 70
40 50
5 MIN
1698 SAMPLES
0
20
KILOMETRES
97
45
30
15
96
55 30
15
55
45
30
15
54
53 30
98
45
30
15
55
45
30
15
54
45
53 30
97
45
30
15
96

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
(PARTS OF 63H,63P)



MOLYBDENUM
IN
LAKE SEDIMENTS

PPM	%TILE
17	MAX
4	98
3	95
2	90
1	MIN

1699 SAMPLES

PPM	%TILE
17	MAX
3	95
2	90
1	MIN

1699 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
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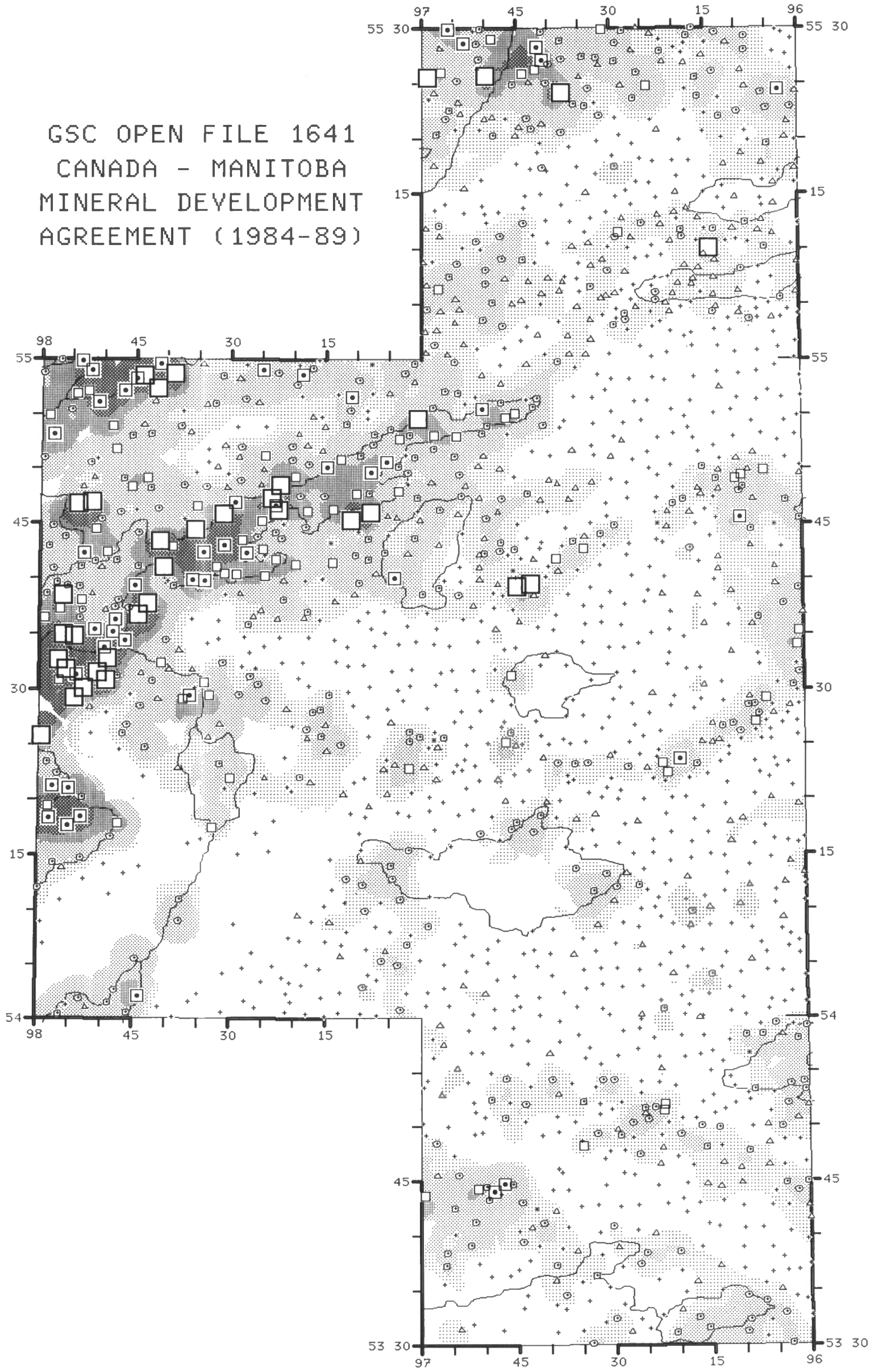

NICKEL
IN
LAKE SEDIMENTS

PPM	%TILE
59	MAX
44	98
37	95
31	90
20	70
15	50
1	MIN

1698 SAMPLES

PPM	%TILE
59	MAX
37	95
31	90
20	70
15	50
1	MIN

1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
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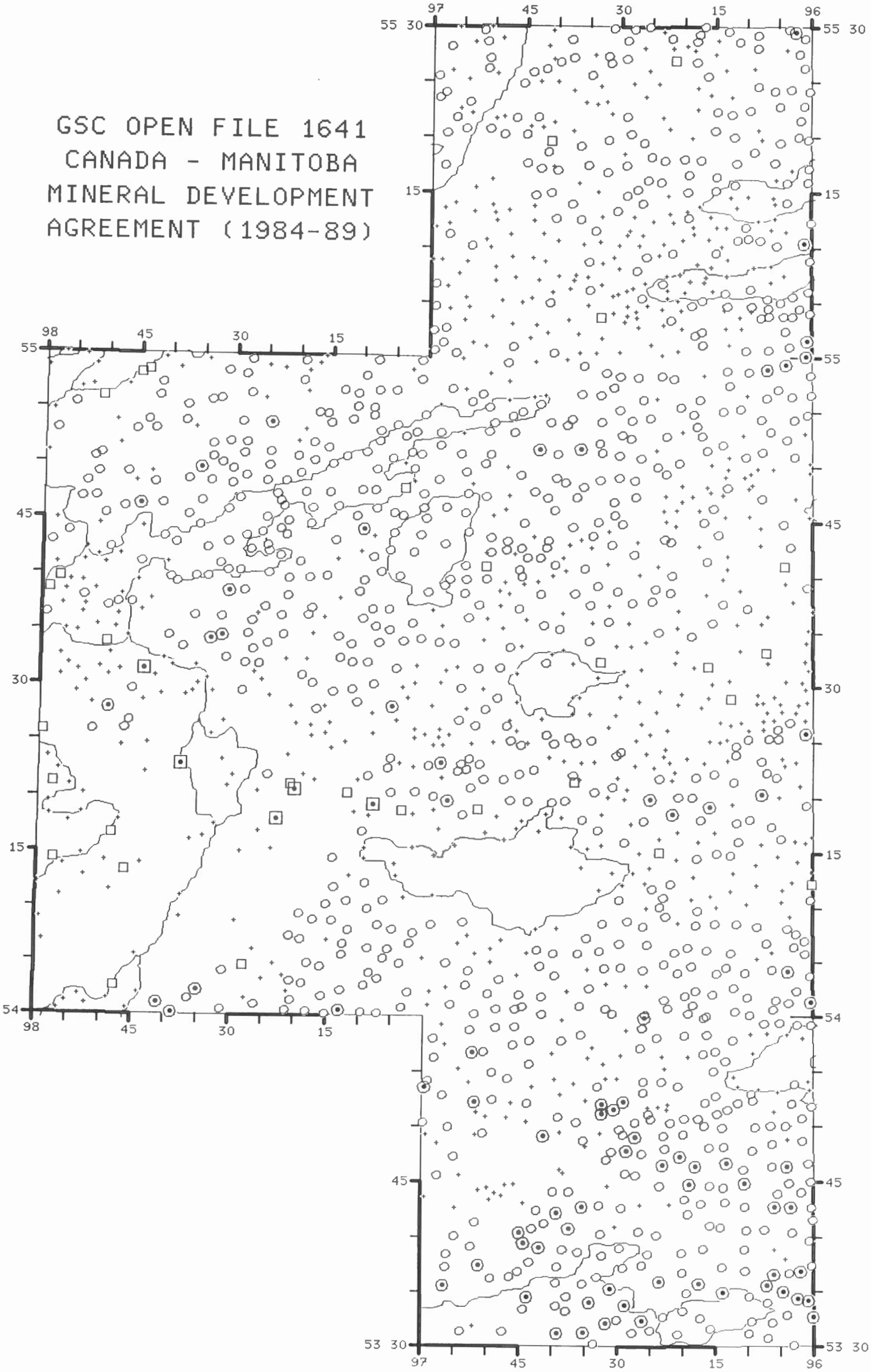

PH
IN
LAKE WATERS

	%TILE
8.3 -	- MAX
7.6 -	- 99
7.2 -	- 96
6.7 -	- 50
6.3 -	- 4
5.7 -	- MIN

1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
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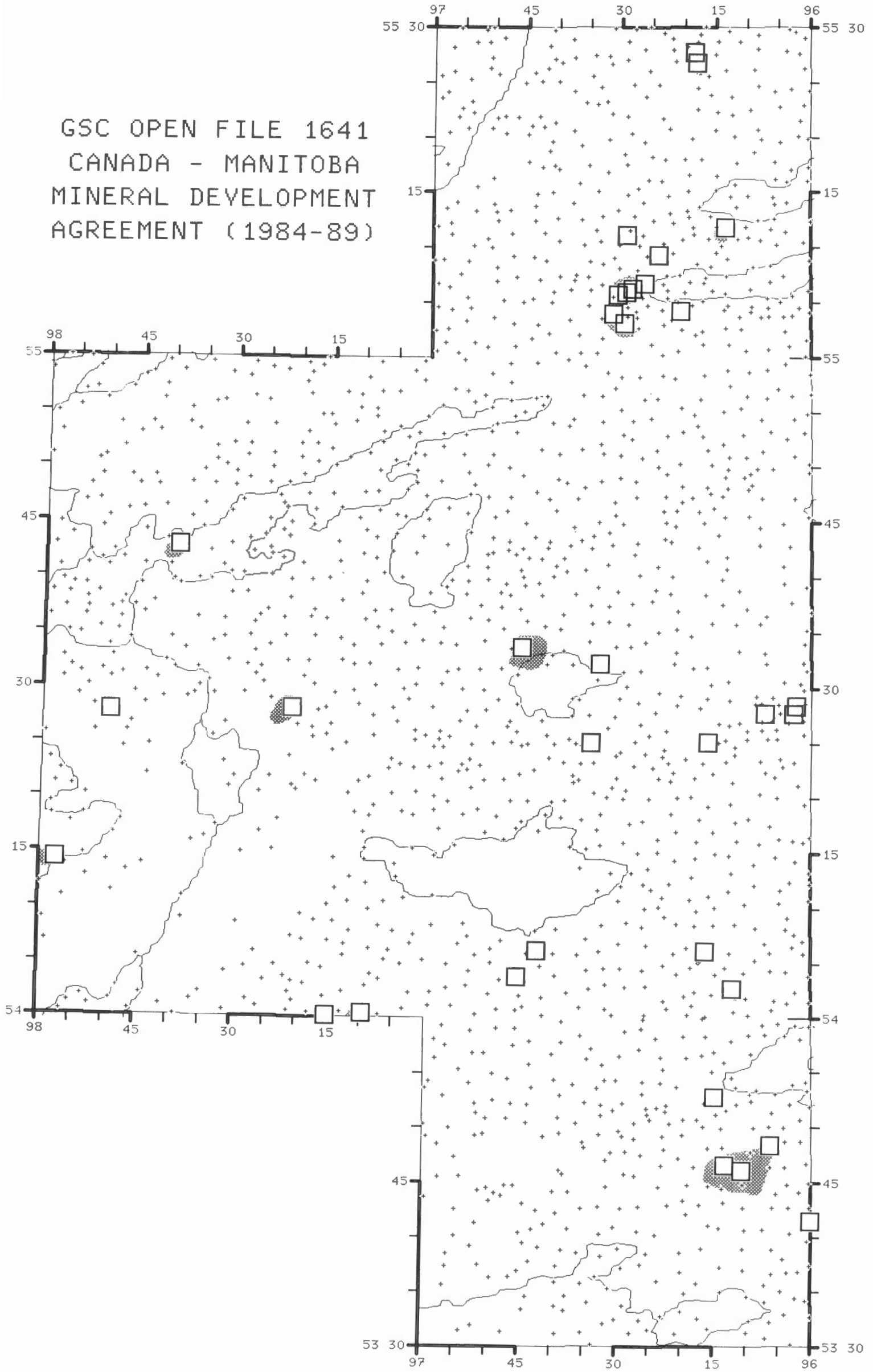

SILVER
IN
LAKE SEDIMENTS

PPM	%TILE
1.0	MAX
0.2	98
0.1	MIN

1698 SAMPLES

PPM	%TILE
1.0	MAX
0.2	98
0.1	MIN

1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
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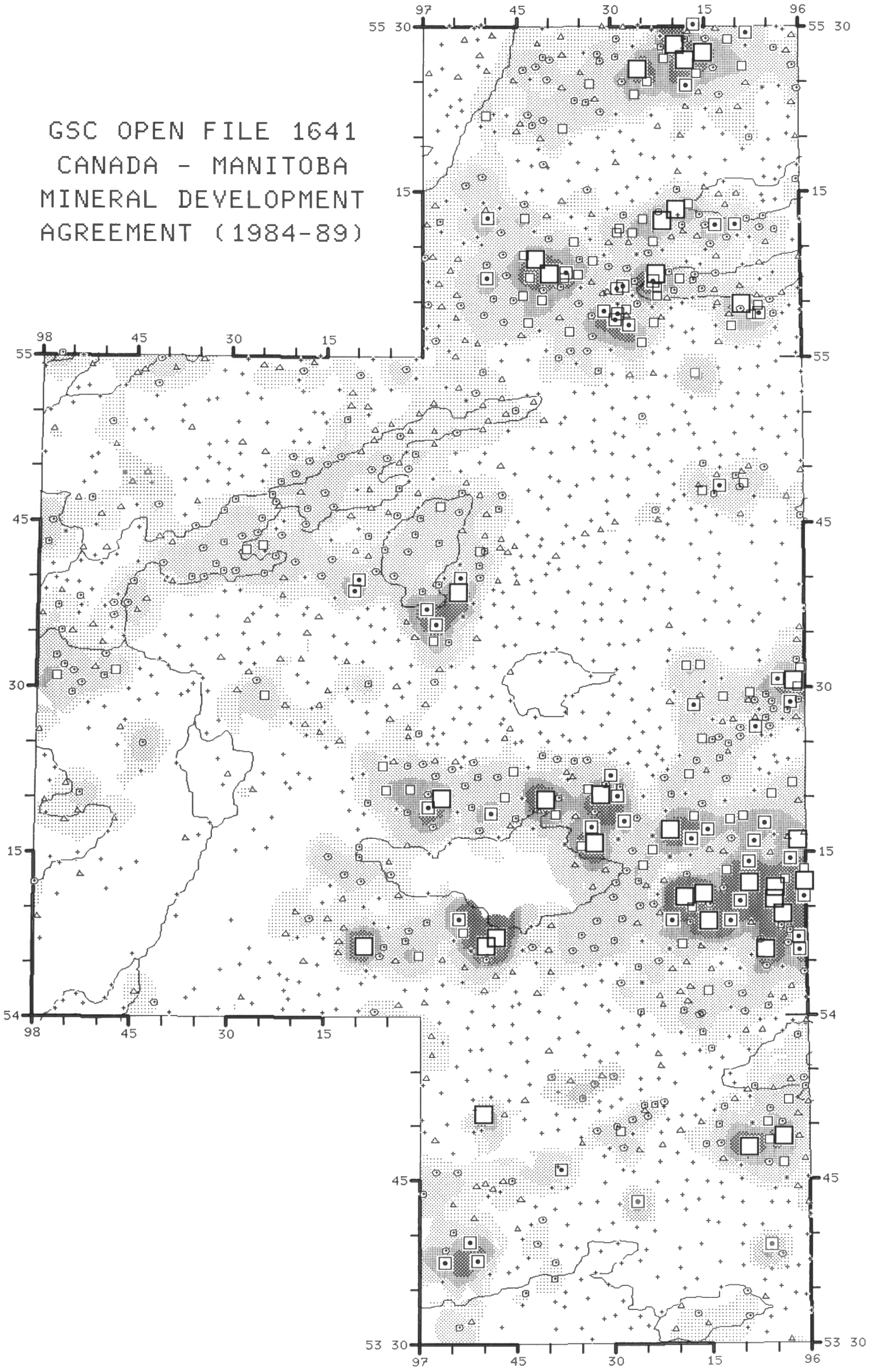

URANIUM
IN
LAKE SEDIMENTS

PPM	%TILE
59.3	MAX
14.7	98
8.2	95
5.7	90
3.3	70
2.4	50
0.3	MIN

1698 SAMPLES

PPM	%TILE
59.3	MAX
8.2	95
5.7	90
3.3	70
2.4	50
0.3	MIN

1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
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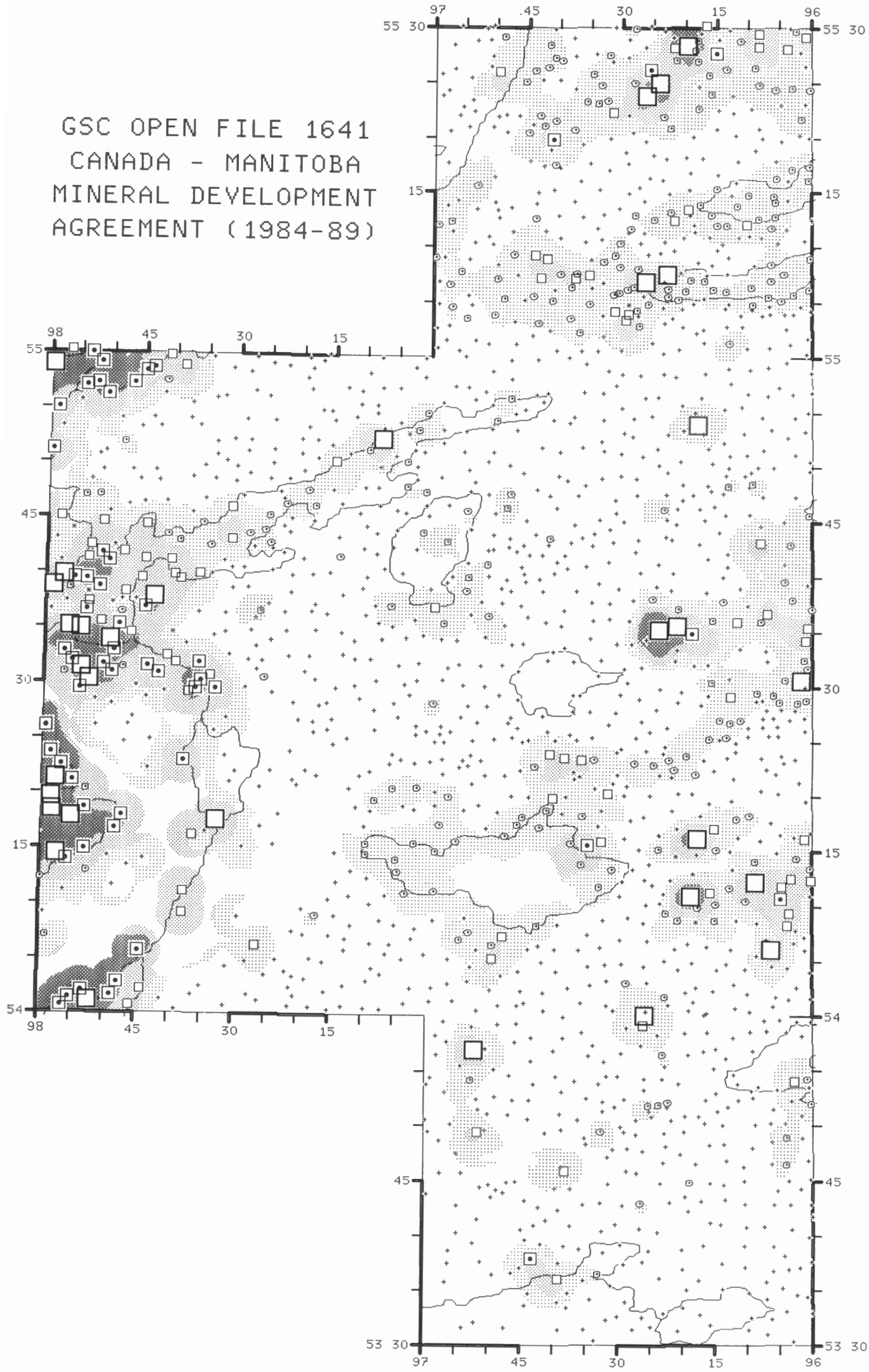


URANIUM
IN
LAKE WATERS

PPB	%TILE
3.50	MAX
0.48	98
0.38	95
0.16	90
0.05	75
0.03	MIN

1698 SAMPLES

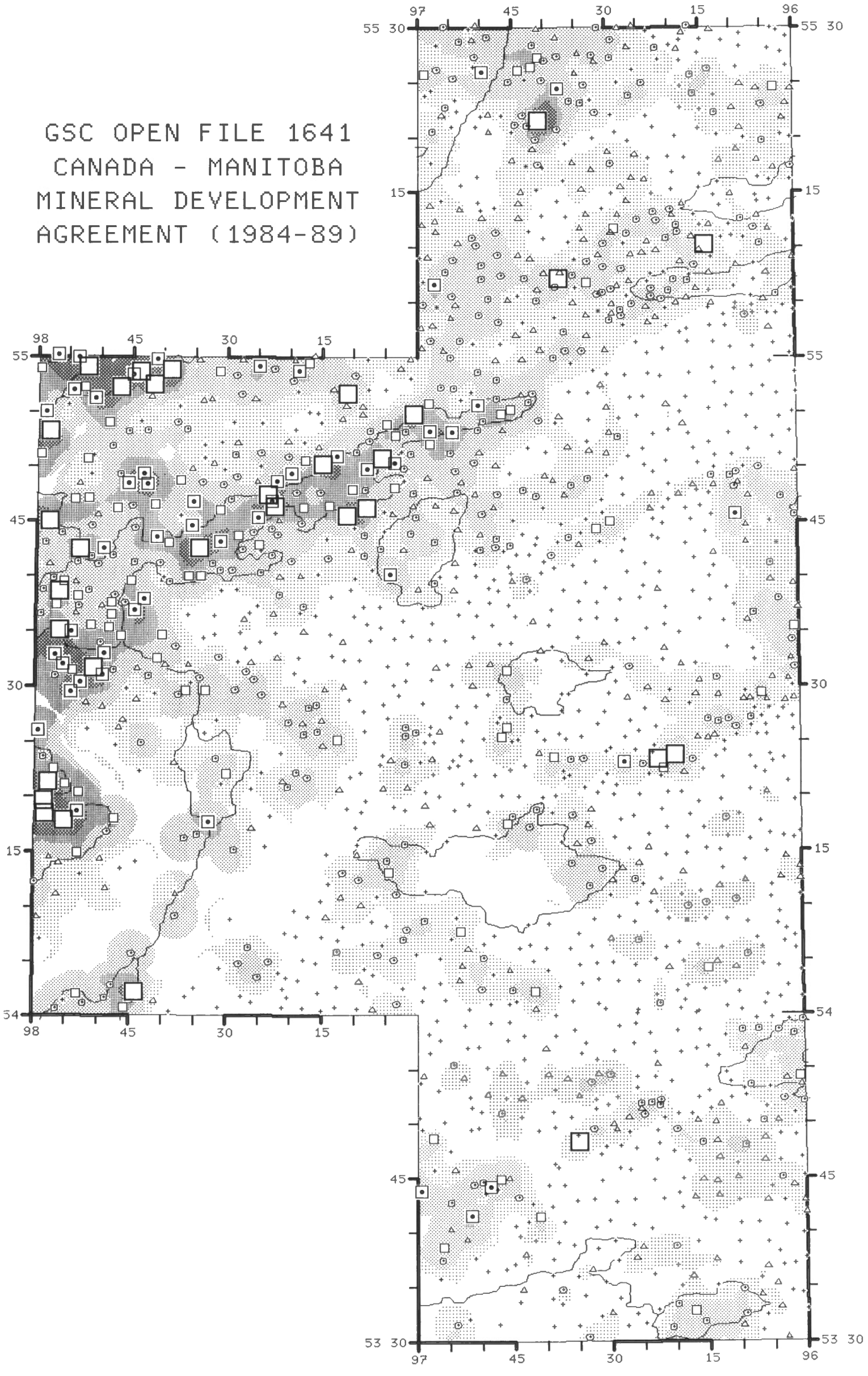
PPB	%TILE
3.50	MAX
0.38	95
0.16	90
0.05	75
0.03	MIN

1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
(PARTS OF 63H,63P)



VANADIUM
IN
LAKE SEDIMENTS

PPM	%TILE
91	MAX
50	98
44	95
37	90
24	70
16	50
2	MIN

1698 SAMPLES

PPM	%TILE
91	MAX
44	95
37	90
24	70
16	50
2	MIN

1698 SAMPLES

0 20
KILOMETRES

GSC OPEN FILE 1641
CANADA - MANITOBA
MINERAL DEVELOPMENT
AGREEMENT (1984-89)

MANITOBA 1988
NTS 63I
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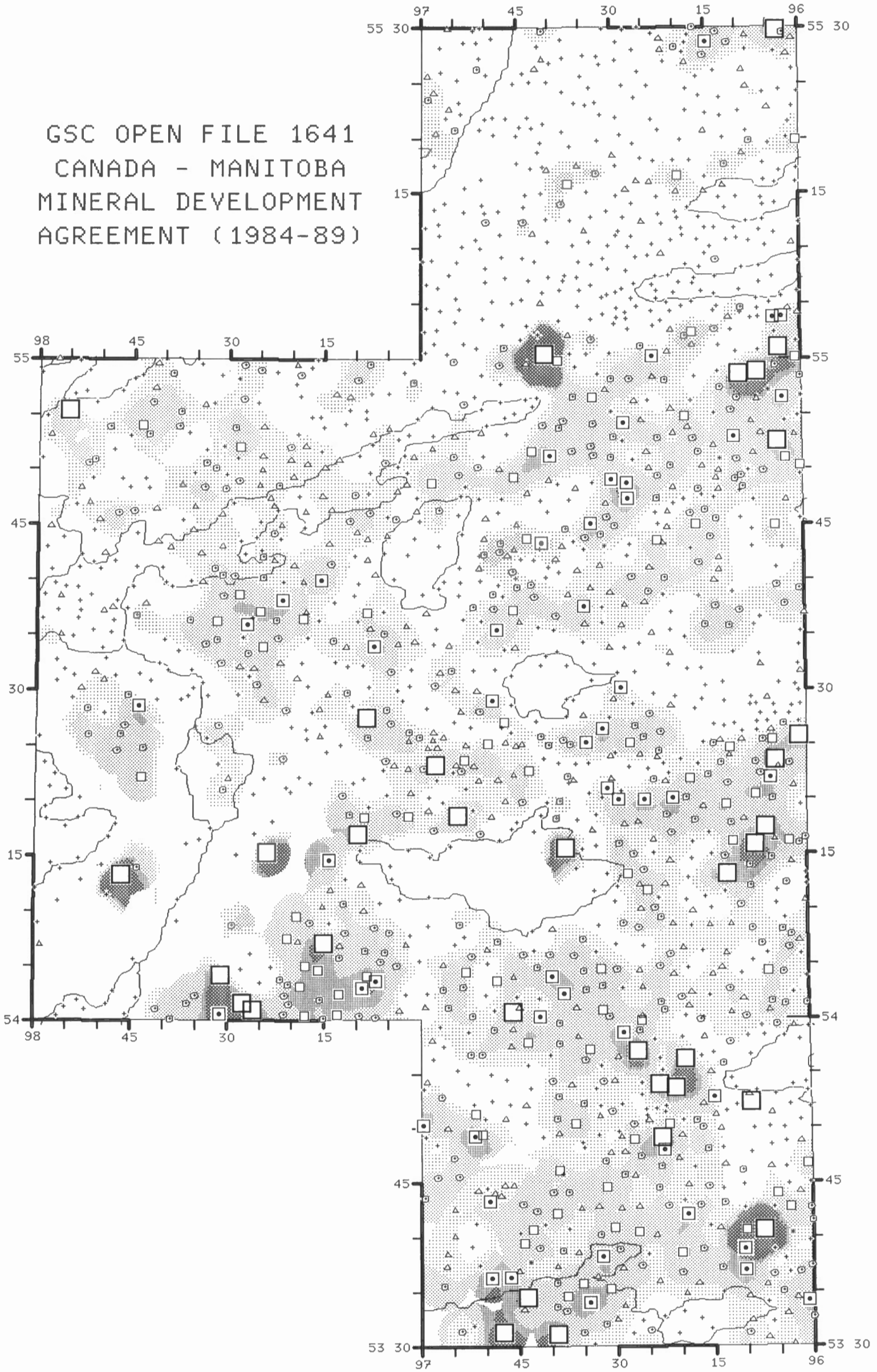


ZINC
IN
LAKE SEDIMENTS

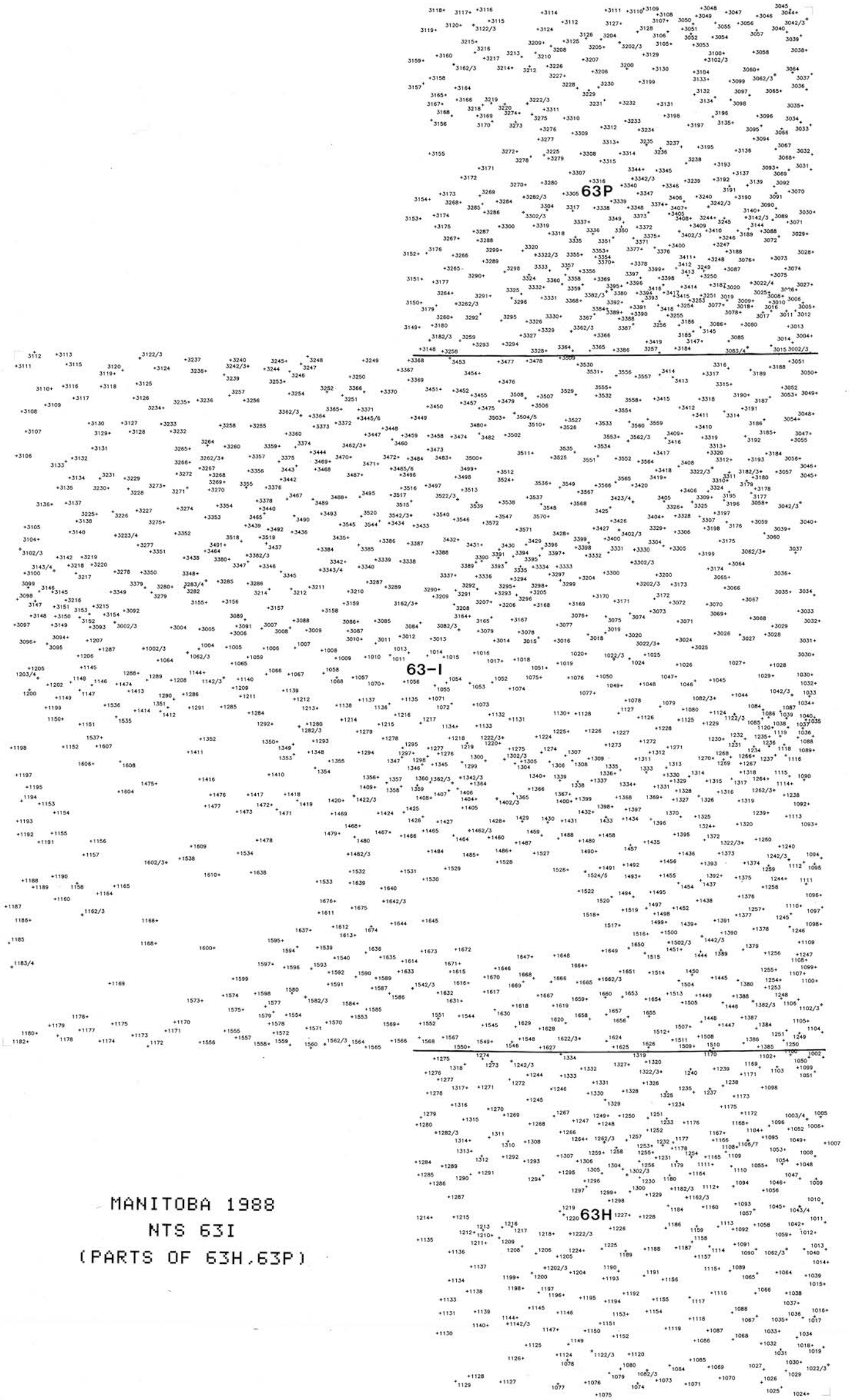
PPM	%TILE
1740	MAX
191	98
169	95
153	90
126	70
111	50
1	MIN

1698 SAMPLES

PPM	%TILE
1740	MAX
169	95
153	90
126	70
111	50
1	MIN

1698 SAMPLES

0 20
KILOMETRES



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NTS 63I
(PARTS OF 63H,63P)

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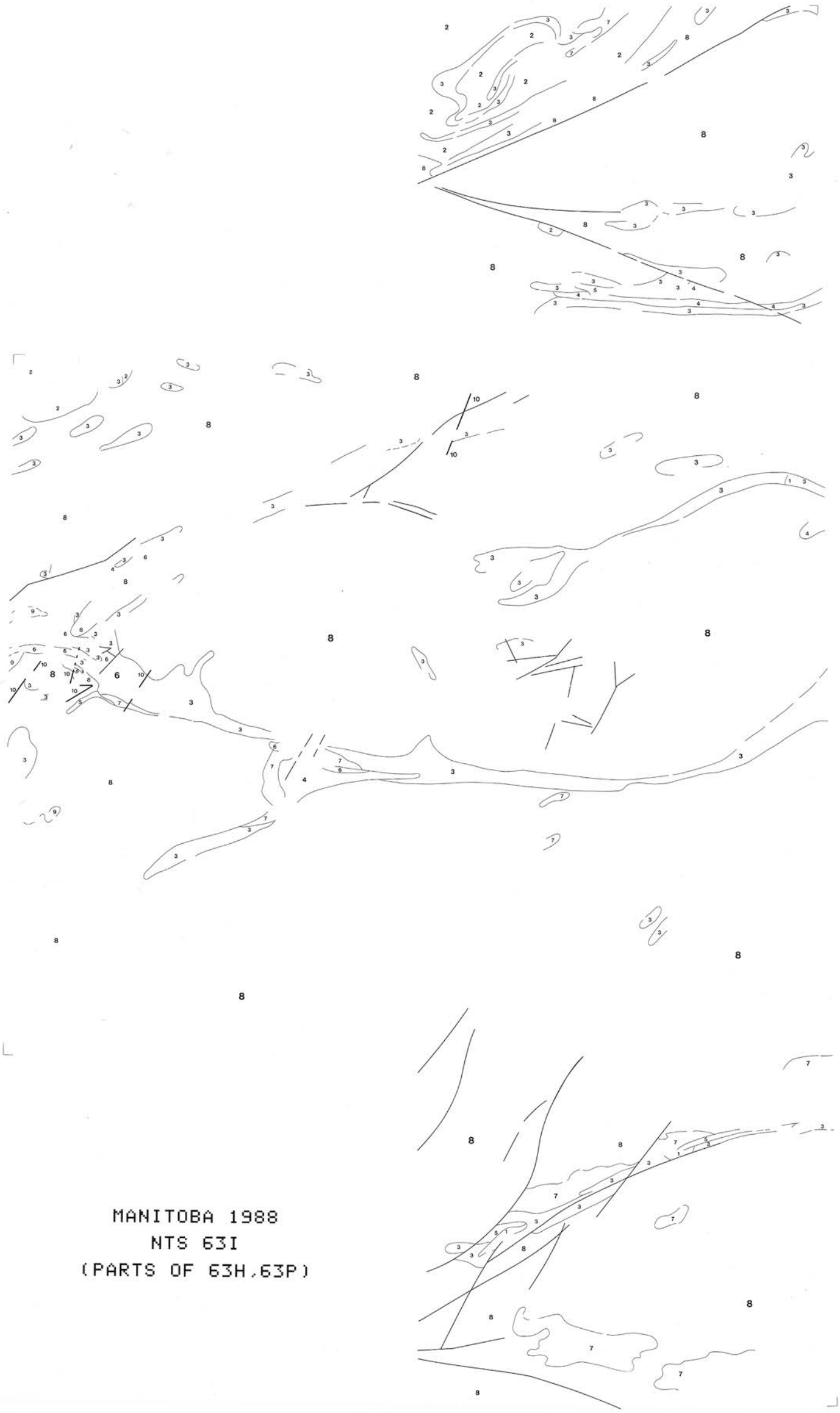

MANITOBA 1988
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