

CADMIUM (ppm)
GSC OPEN FILE 999
LYNN LAKE AREA, MANITOBA
LEGEND

Note: This legend is common for Regional Geochemical Reconnaissance Map 64-1983, Open File 999

PROTEROZOIC (APHEBIAN)		
31(AH1)	GRANITIC INTRUSIVE ROCKS, POST-SICKLE (HUDSONIAN) (AH1A to AH1F)	31a-leucotonalite + magnetite; 31b-megacrystic granite; 31c-granite, granodiorite + hornblende; 31d-leucogranite, granodiorite; 31e-monzonite, syenite; 31f-pegnmatite
30	GRANITIC INTRUSIVE ROCKS, POST-SICKLE and remobilized PRE-SICKLE	30-granite, granodiorite (AH1G)
29	INTERMEDIATE INTRUSIVE ROCKS, POST-SICKLE and remobilized PRE-SICKLE	29-tonalite, granodiorite, quartz diorite (AH1I), 29a-pyroxene tonalite (AH1P)
28	MAFIC INTRUSIVE ROCKS, POST-SICKLE	28-gabbro, minor ultramafic rock (AH1R)
27	BLACK TROUT INTRUSIVE SUITE	27-quartz diorite, diorite (ATIQ)
SICKLE GROUP		
26	ARKOSIC METASEDIMENTARY ROCKS, DERIVED GNEISS	26a-conglomerate (ASAC), 26b-arkosic sandstone (ASAS)
		26c-sandstone-derived gneiss, migmatite (ASAN) <i>conformable?</i> <i>on Burntwood River MS</i>
PRE-SICKLE INTRUSIVE ROCKS		
25	25a-gabbro, norite, ultramafic rock (AP1R)	
		25b-tonalite, granodiorite, diorite (AP1T)
		25c-granite (AP1G)
WASEKWAN GROUP		
24	AMPHIBOLITE, CALC-SILICATE ROCK, METASEDIMENTARY ROCKS	24a-conglomerate, greywacke (AGMC), 24b-felsic gneiss (AGMP) <i>unconformable?</i>
GNEISSIC ROCKS OF PROBABLE WASEKWAN AGE		
BURNTWOOD RIVER METAMORPHIC SUITE		
23	METASEDIMENTARY ROCKS	23a-greywacke, conglomerate, mafic mudstone (AWSW)
		23b-greywacke-derived gneiss, migmatite (ABSW) <i>conformable</i>
		23c-greywacke-derived gneiss and migmatite (AISW) <i>conformable</i>
22(AW1)	FELSIC, INTERMEDIATE VOLCANICS	22a-dacite, rhyolite (AW1D)
WASEKWAN GROUP		
21(AW1)	MAFIC, INTERMEDIATE VOLCANICS	21a-basalt, andesite (AW1A), 21b-basalt (AW1B)

* A four letter mnemonic name recorded as rock type as part of field observations
Geological boundary.....
Fault.....
No analytical result.....*

Provisional Compilation Map: Geological Survey of the Granville Lake Area NTS 64C, by H.V. Zwanig, Manitoba Dept. of Energy and Mines

Geological Survey of Canada
Resource Geophysics and Geochemistry Division

Manitoba Department of Energy and Mines
Mineral Resources Division

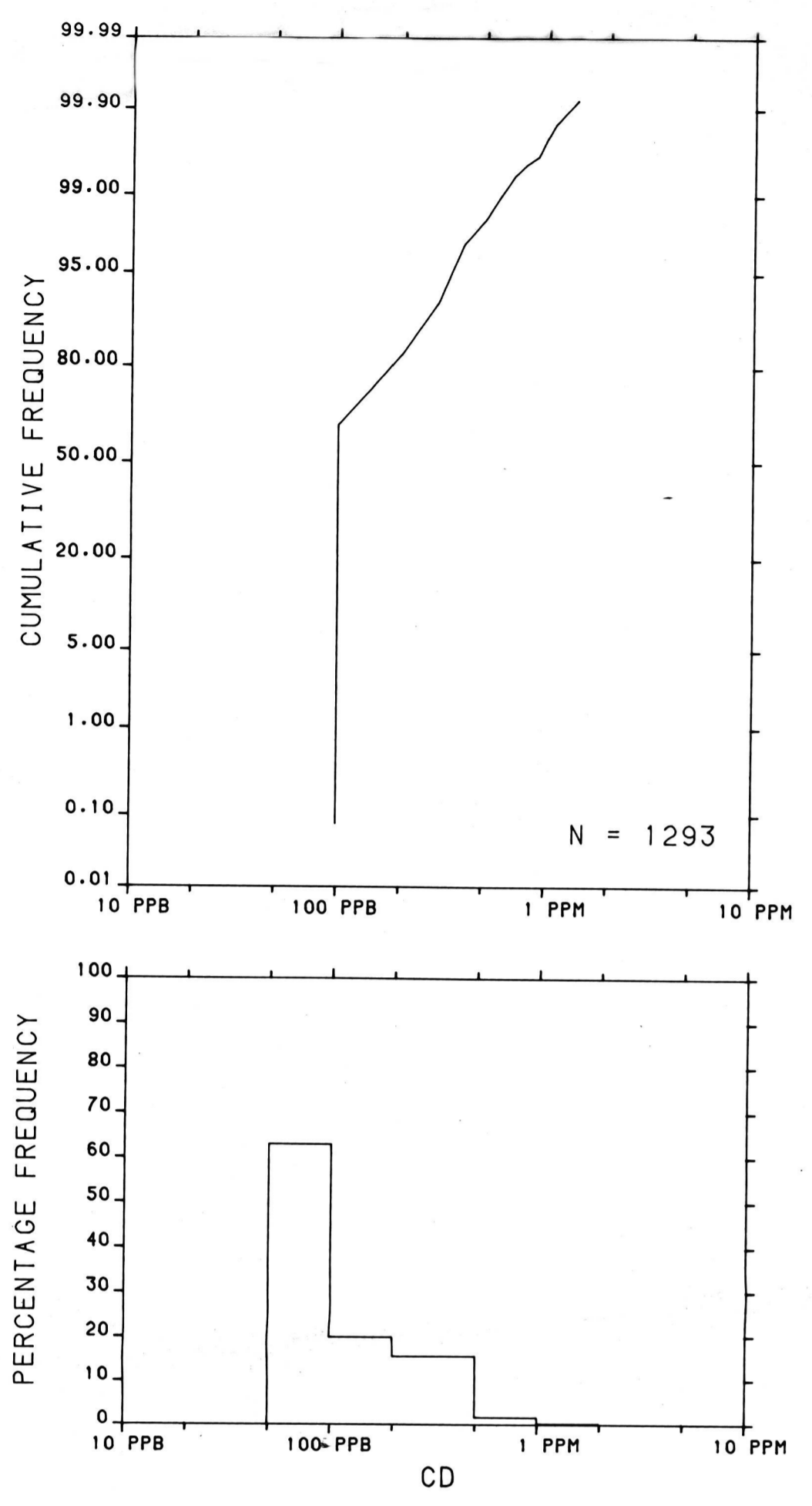
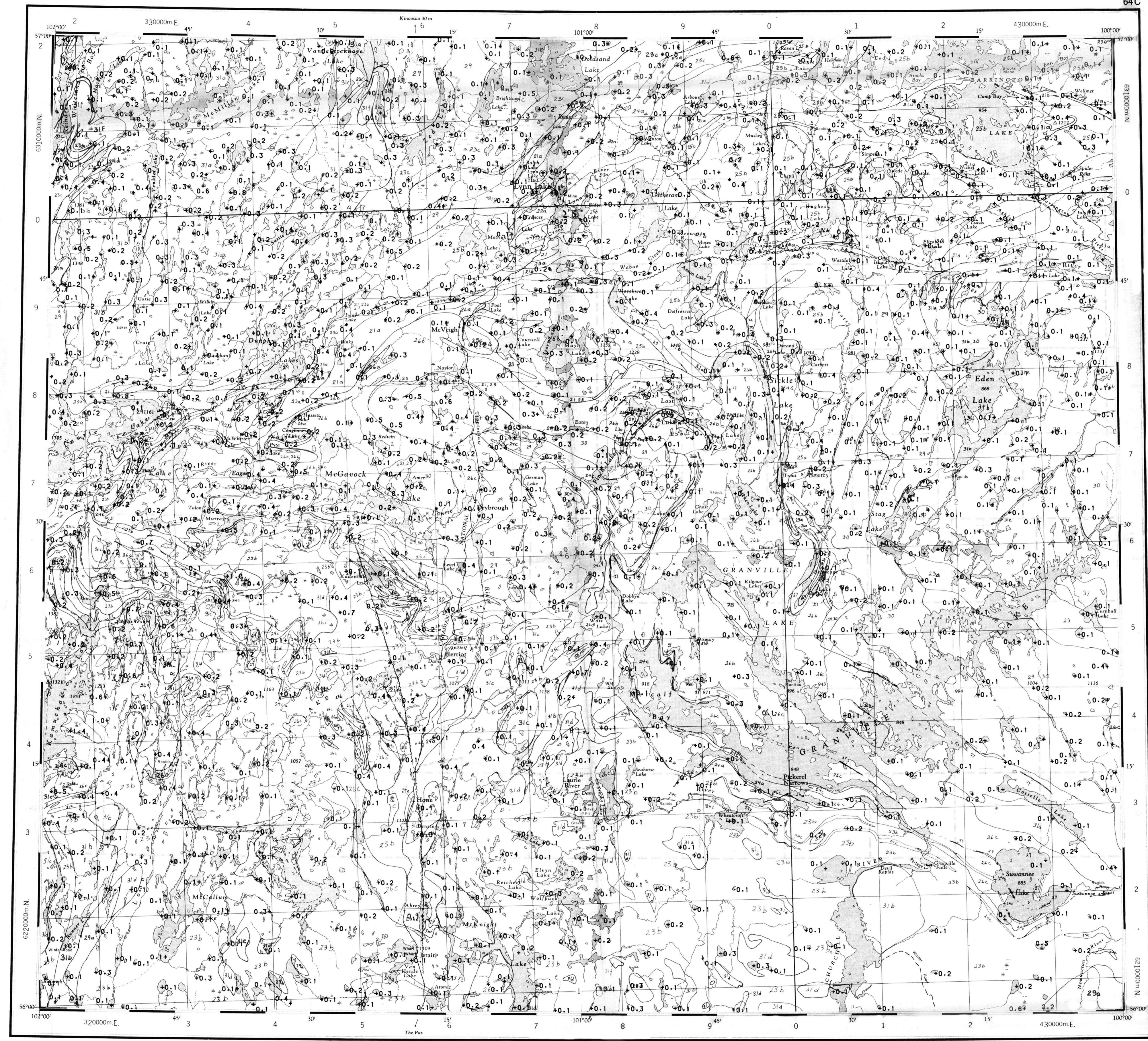
CONTRACTORS

Sample collection by Wollex Exploration
Sample preparation by Golder Associates

Sediment chemical analysis by Chemex Labs Ltd.
Water chemical analyses by Acme Analytical Laboratories Ltd.
Other water chemical analyses by Manitoba Technical Laboratory Services

This map forms one of a series of maps released by the Geological Survey of Canada, Open File 999. The Open File consists of maps of various geochemical variables: 16 for lake sediment, 8 for lake water and 1 sample site location

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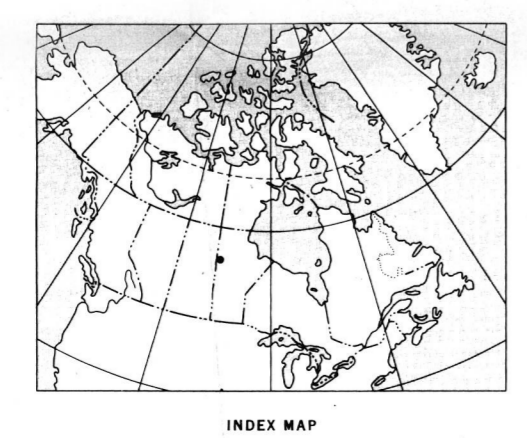


Copies of map material and listings of field observations and analytical data, from which the material was prepared, may be available at users expense by application to:

K.G. Campbell Corporation
880 Wellington St.
Bay 238
Ottawa, Ontario
K1R 6K7

The data are also available in digital form. For further information please contact:

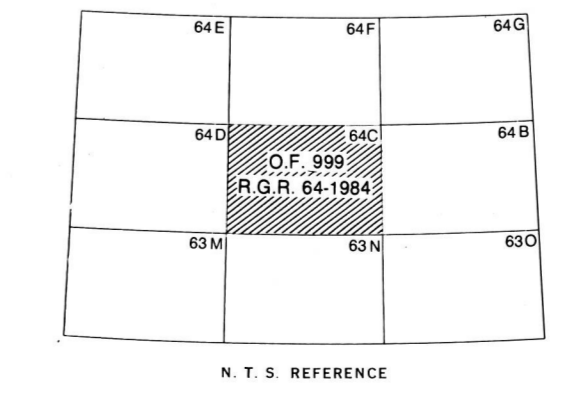
The Director
Computer Science Center
Department of Energy, Mines and Resources
Ottawa, Ontario
K1A 0E4



Elevation in feet above mean sea level
Mean magnetic declination 1984, 11°44.7' East decreasing 16.7' annually. Readings vary from 10°57.4' in the NE corner to 13°05.0' in the SW corner of the map area

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REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 64-1983
CANADA/MANITOBA INTERIM MINERAL AGREEMENT
LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY
LYNN LAKE AREA, MANITOBA
Scale 1:250 000
Universal Transverse Mercator Projection
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Base-map from map published at the same scale by the Surveys and Mapping Branch in 1963



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