

Please refer to Open File text for discussion of gold presentation format and geochemical interpretation.

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 analyses by Chemex Labs Ltd., Toronto, Ontario (1984, Au-1985)  
and Barringer Magenta Laboratories Ltd., Rexdale, Ontario (Sb-1985)  
Water chemical analyses by Acme Analytical Laboratories Ltd., Toronto, Ontario (1983)  
and Ward Technical Services Laboratory, Manitoba (1985)

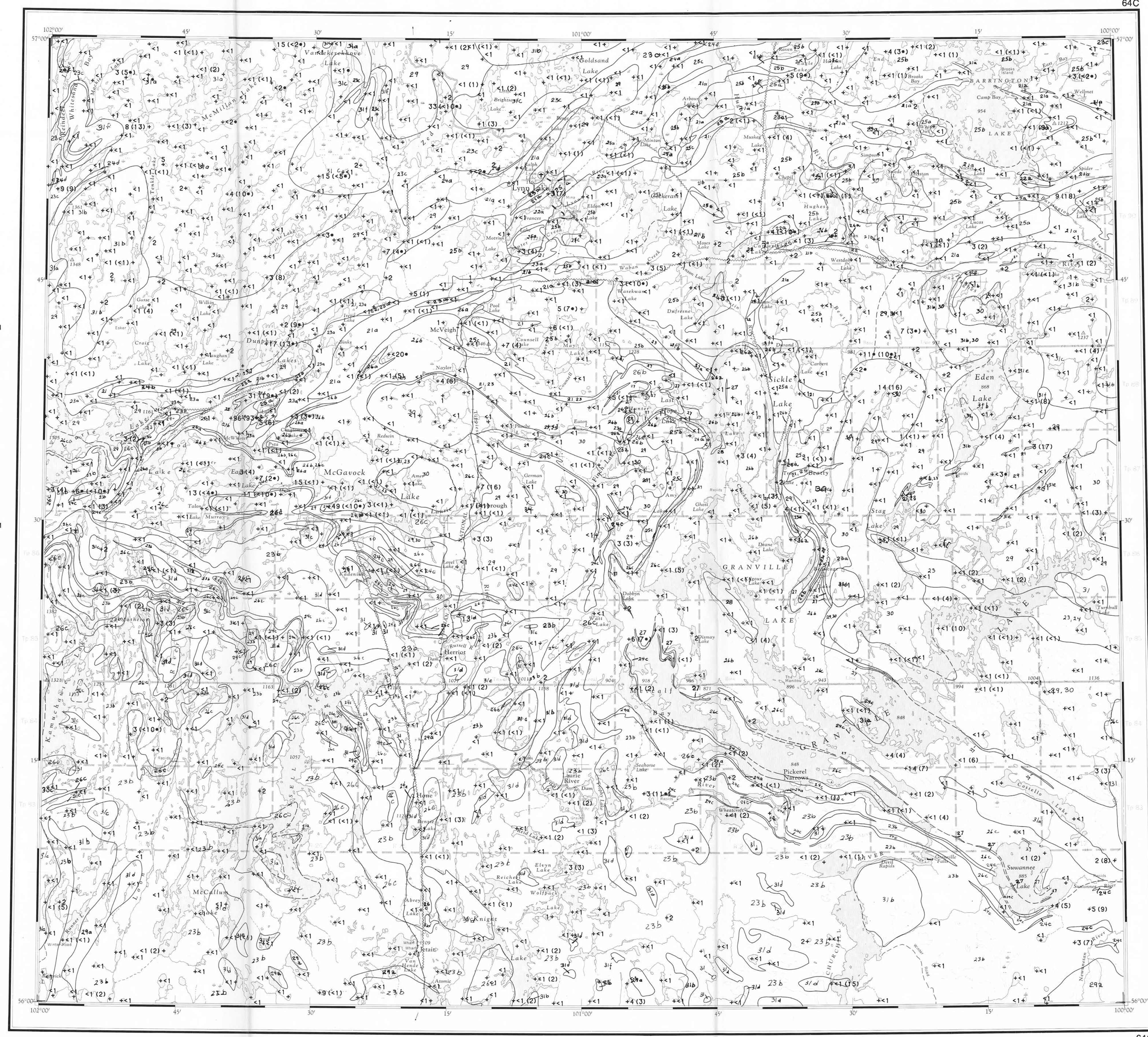
Copies of map material and listings of field observations and analytical data, from which the material was prepared, may be available at users expense by application to:

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

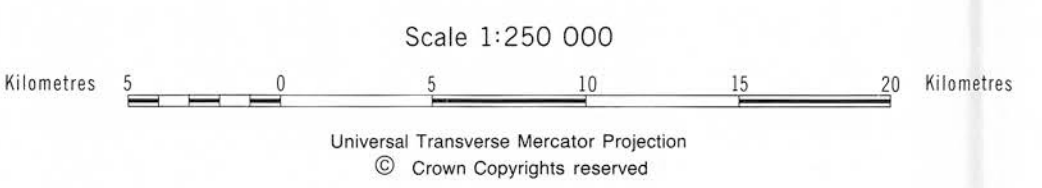
The data are also available in digital form. For further information please contact:

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

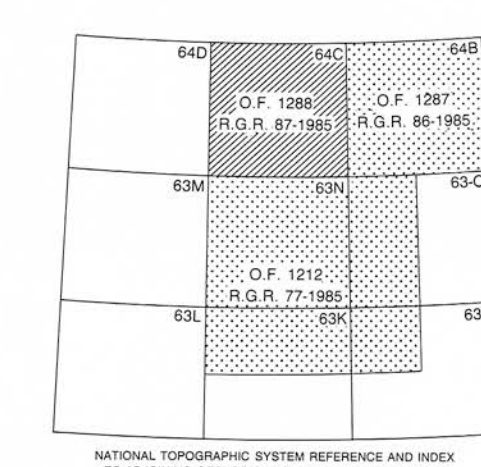
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**GOLD (ppb)**  
GSC OPEN FILE 1288  
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 87-1985  
CANADA - MANITOBA  
MINERAL DEVELOPMENT AGREEMENT (1984-89)  
LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY  
LYNN LAKE AREA, MANITOBA 1983/1985



Base map from map published at the same scale by the Surveys and Mapping Branch in 1963



LEGEND		
PROTEROZOIC (APHEBIAN)		
31(AH1)*	GRANITIC INTRUSIVE ROCKS, POST-SICKLE (HUDSONIAN) (AH1A to AH1F)	
	31a-leucotonalite + magnetite ; 31b-megacrystic granite; 31c-granite, grano-diorite + hornblende; 31d leucogranite, granodiorite; 31e monzonite, syenite; 31f pegmatite	
30	GRANITIC INTRUSIVE ROCKS, POST-SICKLE and remobilized PRE-SICKLE	
	30 - granite, granodiorite (AHIG)	
29	INTERMEDIATE INTRUSIVE ROCKS, POST-SICKLE and remobilized PRE-SICKLE	
	29-tonalite, granodiorite, quartz diorite (AHIT), 29a-pyroxene tonalite (AHIP)	
28	MAFIC INTRUSIVE ROCKS, POST-SICKLE	
	28-gabbro, minor ultramafic rock (AHIR)	
27	BLACK TROUT INTRUSIVE SUITE	
	27-quartz diorite, diorite (ATIQ)	
<hr/>		
	SICKLE GROUP	SICKLE METAMORPHIC SUITE
26	ARKOSIC METASEDIMENTARY ROCKS, DERIVED GNEISS	SOUTHERN INDIAN GNEISS
	26a-conglomerate (ASAC) 26b-arkosic sandstone (ASAS)	
	26c-sandstone-derived gneiss, migmatite (ASAN)	
	unconformable on Burntwood River M.S.	
25	PRE-SICKLE INTRUSIVE ROCKS	
	25a-gabbro, norite, ultramafic rock (APIR) 25b-tonalite, granodiorite, diorite (APII) 25c-granite (APIG)	
<hr/>		
	WASEKWAN OR SICKLE GROUP	GNEISSIC ROCKS OF PROBABLE WASEKWAN AGE
24	AMPHIBOLITE, CALC-SILICATE ROCK, METASEDIMENTARY ROCKS	
	24a-conglomerate, greywacke (AGMG); 24b-felsic gneiss (AGMF)	
	unconformable:	
	WASEKWAN GROUP	BURNWOOD RIVER METAMORPHIC SUITE
23	METASEDIMENTARY ROCKS	23c mafic gneiss, volcanic rock greywacke, quartzite, marble (ABMN)
	23a-greywacke, conglomerate, mafic mudstone (AWSW)	23d-greywacke-derived gneiss, migmatite (ABSW)
		24d-amphibolite, tuff (AIMA)
22(AW1)*	FELSIC, INTERMEDIATE VOLCANICS	23c-greywacke-derived gneiss and migmatite (AISW)
	22a-dacite, rhyolite (AWV2)	
21(AW1)*	MAFIC, INTERMEDIATE VOLCANICS	
	21a-basalt, andesite (AWVA) 21b-basalt (AWVB)	

\* A four letter mnemonic name recorded as rock type as part of field observations

Geological boundary.....

Fault.....

No analytical result..... \*

Au value (ppb) ..... +17

\* denotes an analysis performed on a sample weight <10 g.

( ) identifies Au values corresponding to repeat analyses.

<n denotes a result less than detection level n (ppb).

consult text for actual sample weight when Au values denoted by \* or < detection level

Examples:

+21\* Au value of 21 ppb determined on sample weight <10 g.

+38(27\*) Au value of 38 ppb on first analysis, Au value of 27 ppb on repeat analysis for sample weighing <10 g.

<4 Au value less than detection limit of 4 ppb.

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

This map forms one of a series of maps released by the Geological Survey of Canada, Open File 1212, 1287 and 1288. This Open File consists of maps for Au and Sb, and 1 sample site location

Open File 1288 is an addition to Open File 999 released in 1984