

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

PROTEROZOIC (APHEBIAN)

31(AH1U) 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 - pegmatite

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 (AT1Q)

SICKLE GROUP		SICKLE METAMORPHIC SUITE	SOUTHERN INDIAN GNEISS
26	ARKOSIC METASEDIMENTARY ROCKS, DERIVED GNEISS		
	26a - conglomerate (ASAC)		
	26b - arkosic sandstone(ASAS)		
		26c - sandstone-derived gneiss, migmatite (ASAN)	
	<u>unconformable</u> <u>on Burntwood River M.S.</u>		
25	PRE-SICKLE INTRUSIVE ROCKS		
	25a - gabbro, norite, ultramafic rock (AP1R)		
	25b - tonalite, granodiorite, diorite (AP1T)		
	25c - granite (AP1G)		

WASEKWAN or SICKLE GROUP  
24 AMPHIBOLITE, CALC-SILICATE ROCK, METASEDIMENTARY ROCKS  
24a - conglomerate, greywacke (AGMC); 24b - felsic gneiss (AGMF)

WASEKWAN GROUP	BURNTWOOD RIVER METAMORPHIC SUITE	24d - amphibolite, tuff (ATMA) conformable 23c - greywacke-derived gneiss and migmatite (AISW)
23 METASEDIMENTARY ROCKS 23a - greywacke, conglomerate, mafic mudstone (AWSW)	23b - mafic gneiss, volcanic rock, greywacke, quartzite, marble (ABMN) conformable 23b - greywacke-derived gneiss, migmatite (ABSW)	
22(AWV1) FELSIC, INTERMEDIATE VOLCANICS 22a - dacite, rhyolite (AWVD)	22(AWVM) MAFIC, INTERMEDIATE VOLCANICS 22a - basalt, andesite (AWVA) 22b - basalt (AWVB)	

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

Geological boundary.....  
Fault.....  
No analytical result..... \*

Provisional Compilation Map: Geology 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

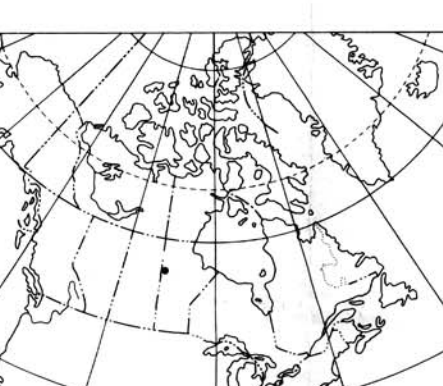
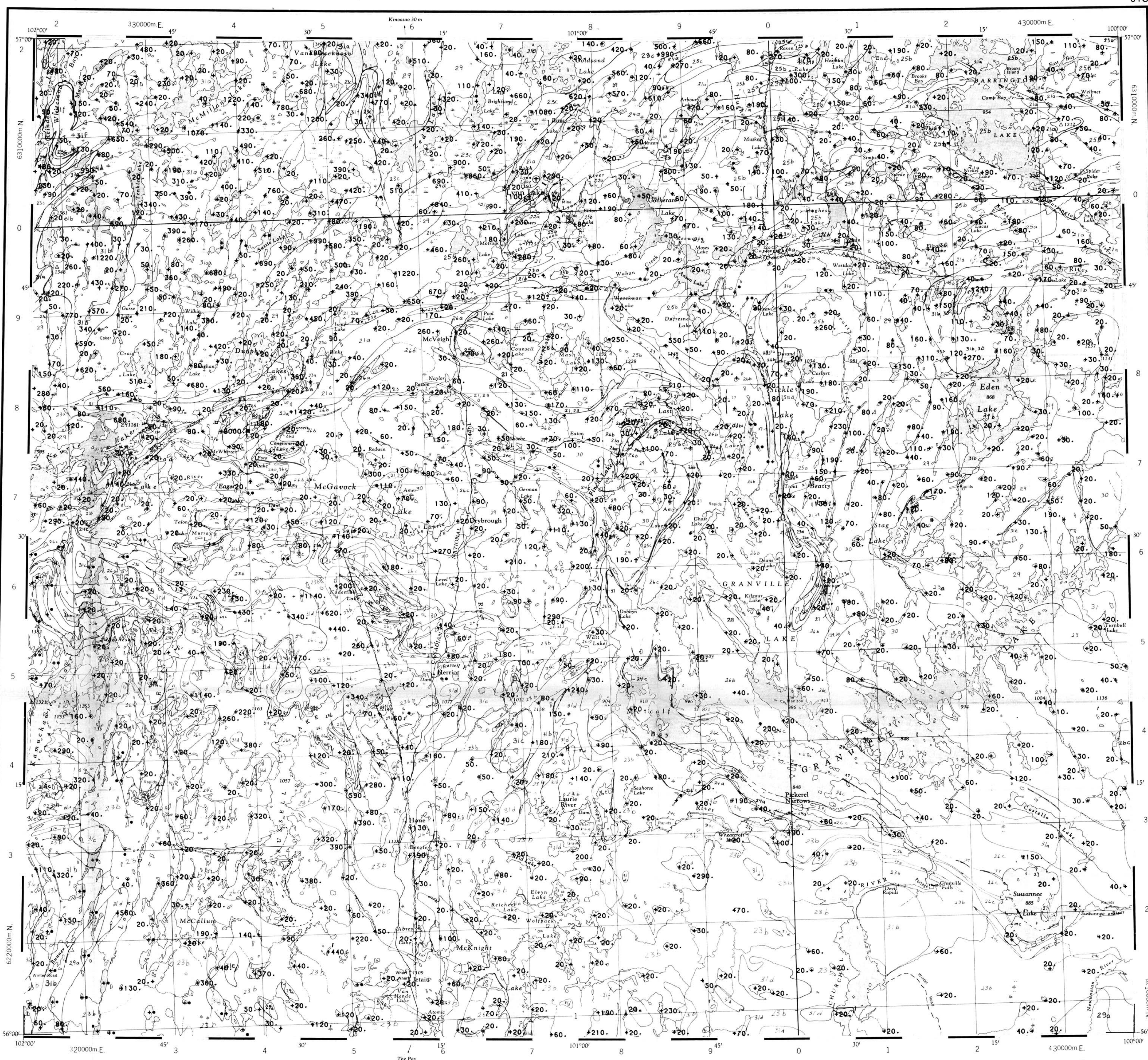
Manitoba Department of Energy and Mines  
Mineral Resources Division

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



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

IRON in water (ppm)

GSC OPEN FILE 999

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 64-1983

CANADA/MANITOBA INTERIM MINERAL AGREEMENT

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY

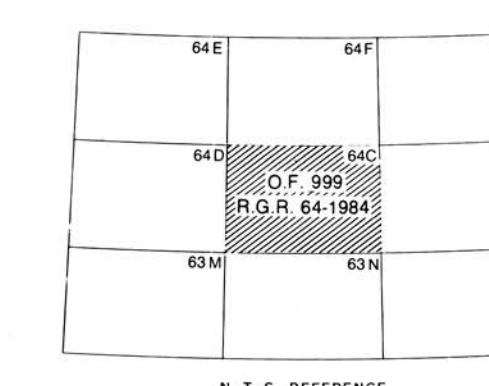
LYNN LAKE AREA, MANITOBA

Scale 1:250 000

Kilometres 6 0 6 12 18 Kilometres

Universal Transverse Mercator Projection  
© Crown Copyrights reserved

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



This map has been reprinted from a scanned version of the original map. Reproduction par numérisation d'une carte sur papier.