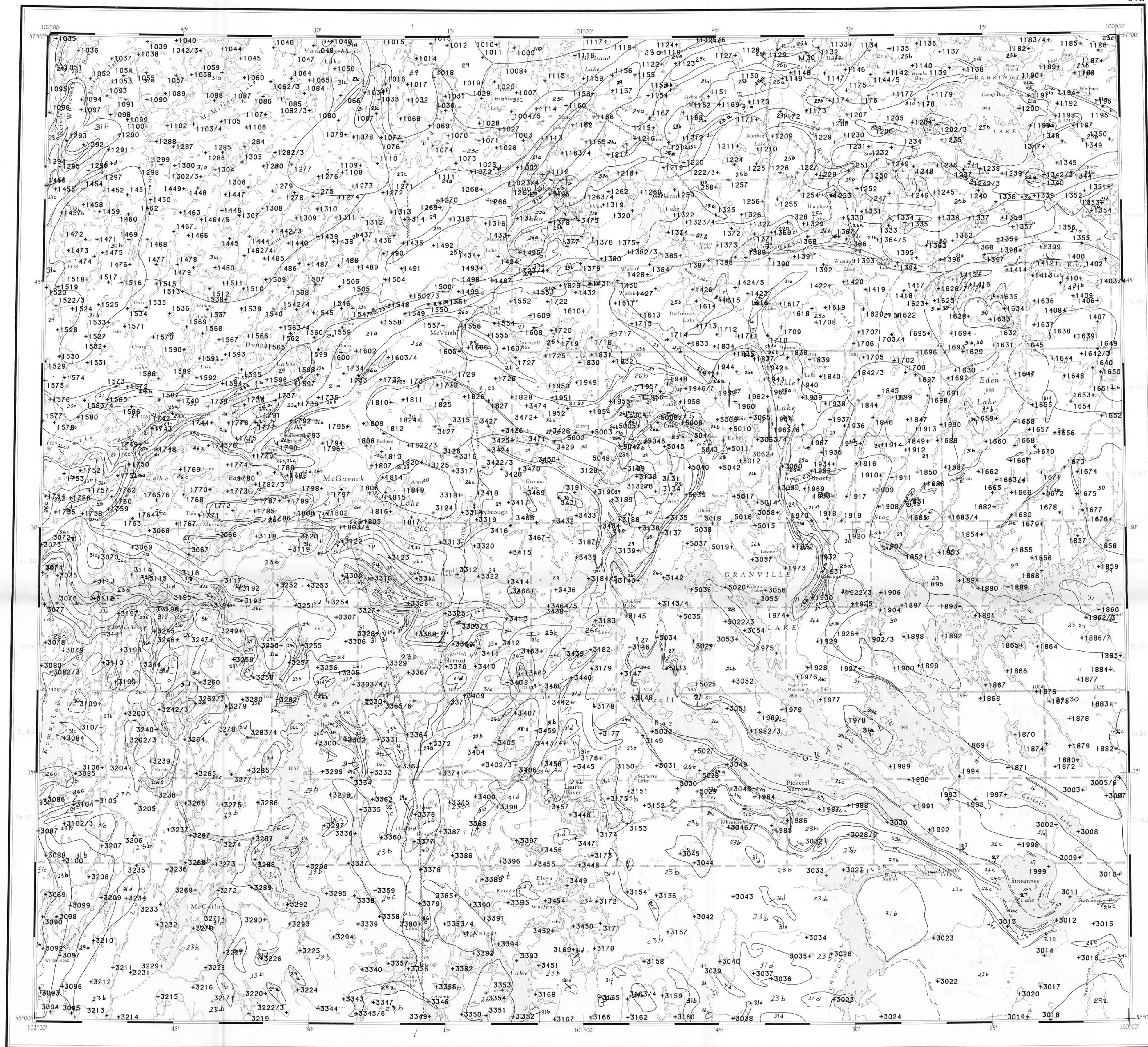


64C



64C

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	
	29a - tonalite, granodiorite, quartz diorite (AHIT); 29b - 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)	
		SOUTHERN INDIAN GNEISS
26	ARKOSIC METASEDIMENTARY ROCKS, DERIVED GNEISS	
	26a - conglomerate (ASAC) 26b - arkosic sandstone (ASAS)	
	26c - sandstone-derived gneiss, migmatite (ASAN)	
25	PRE-SICKLE INTRUSIVE ROCKS	
	25a - gabbro, norite, ultramafic rock (APIR) 25b - tonalite, granodiorite, diorite (APII) 25c - granite (APIG)	
		WASEKWAN GROUP
24	AMPHIBOLITE, CALC-SILICATE ROCK, METASEDIMENTARY ROCKS	
	24a - conglomerate, greywacke (AGMG); 24b - felsic gneiss (AGMF)	
		BURNTWOOD RIVER METAMORPHIC SUITE
23	METASEDIMENTARY ROCKS	
	23a - greywacke, conglomerate, mafic mudstone (AWSW) 23b - greywacke-derived gneiss, migmatite (ABSW)	
22(AWV)	FELSIC, INTERMEDIATE VOLCANICS	
	22a - dacite, rhyolite (AWVD)	
21(AWM)	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.....

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

Geological Survey of Canada
Resource Geophysics and Geochemistry Division

Manitoba Department of Energy and Mines
Mineral Resources Division

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Sample collection by Mollie Exploration
Sample preparation by Golder Associates

Sediment chemical analyses by Chemex Labs Ltd., Toronto, Ontario (1984, Au-1985)
and Barringer Magenta Laboratories Ltd., Reddale, 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:

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

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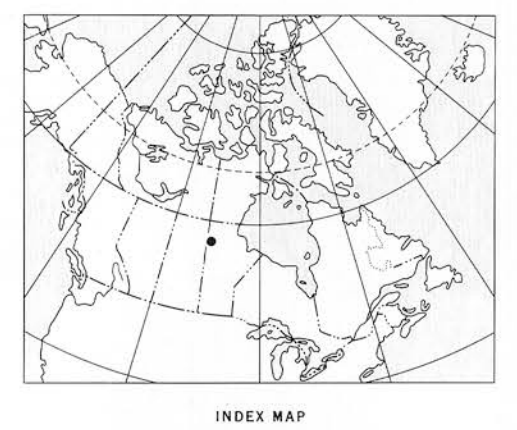
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Elevation in feet above mean sea level

Mean magnetic declination 1986, 11°24' East, decreasing 22.7' annually. Readings vary from 12°45' E in the NW corner to 10°06' E in the SE corner of the map area

SAMPLE LOCATION
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

Scale 1:250 000
Kilometres 5 0 5 10 15 20 Kilometres
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

