

64 E, and parts of 74 A, H

LEGEND

Note: This legend is common for Regional Geochronological Reconnaissance Map 71-1984, Open File 1106

NICHOLIAN/HADRYNIAN

sd  
Dolomite to fine to coarse grained, massive to weakly foliated; siliceous; dolomite + hypersthene

PALEOHELIAN

mf  
Mainly fine to medium grained, massive to weakly foliated; siliceous; dolomite + hypersthene

LATE ARCHEAN (HUDSONIAN)

x  
Calcic dolomite and chert rocks of the Neelva Falls area, derived from rocks of the Wollaston and Peter Lake Complexes

ROTTENSTONE ROMAN

rg  
Majorly fine to medium grained, massive to weakly foliated; siliceous; dolomite + hypersthene

LA RONGE ROMAN

lg  
Dolomite and quartzite; massive to weakly foliated; siliceous; dolomite + hypersthene

WOLLASTON DOMAIN

Wg  
Granite gneiss; fine to coarse grained, massive to weakly foliated; siliceous; dolomite + hypersthene

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Granite and diorite; fine to coarse grained, massive to weakly foliated; siliceous; dolomite + hypersthene

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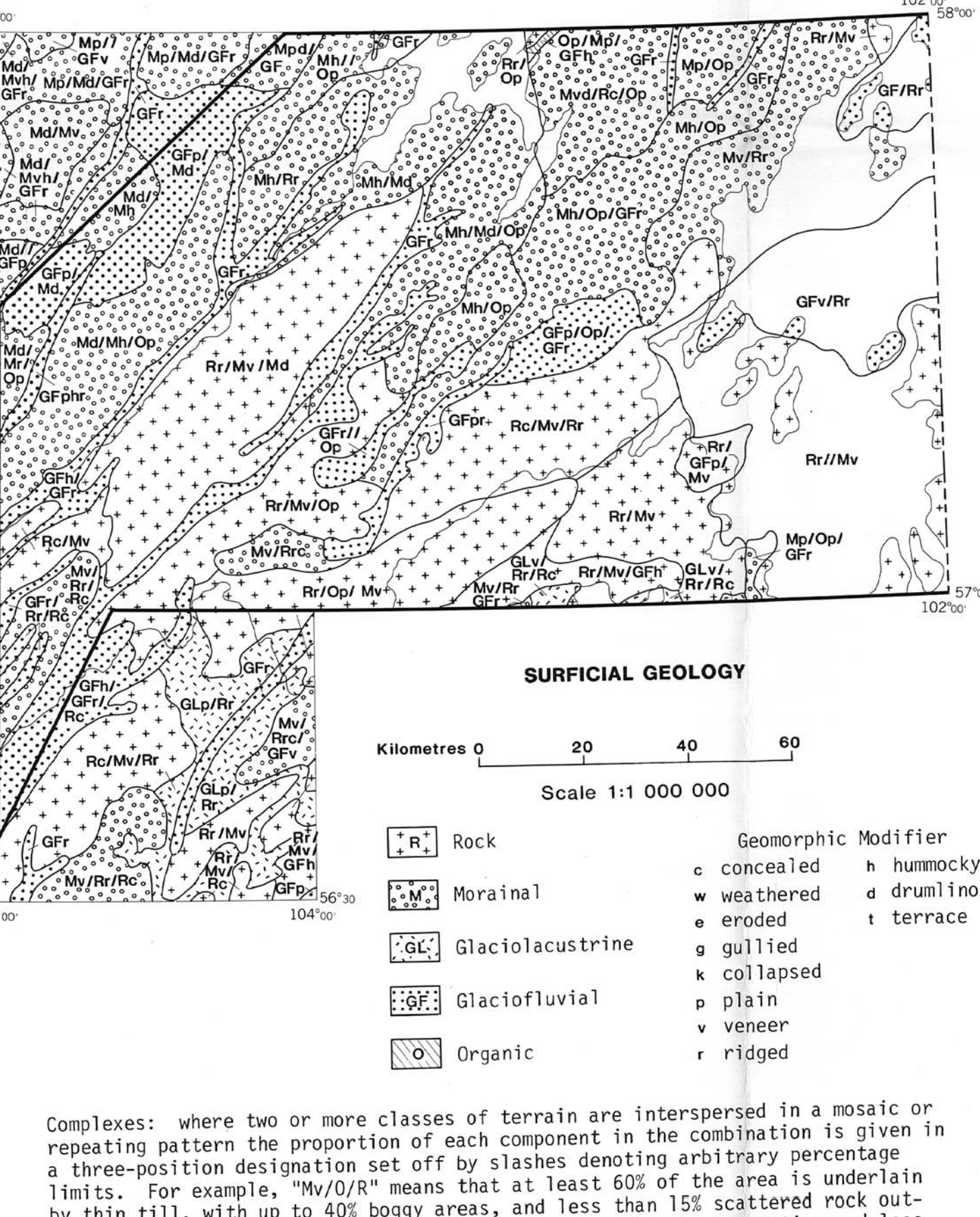
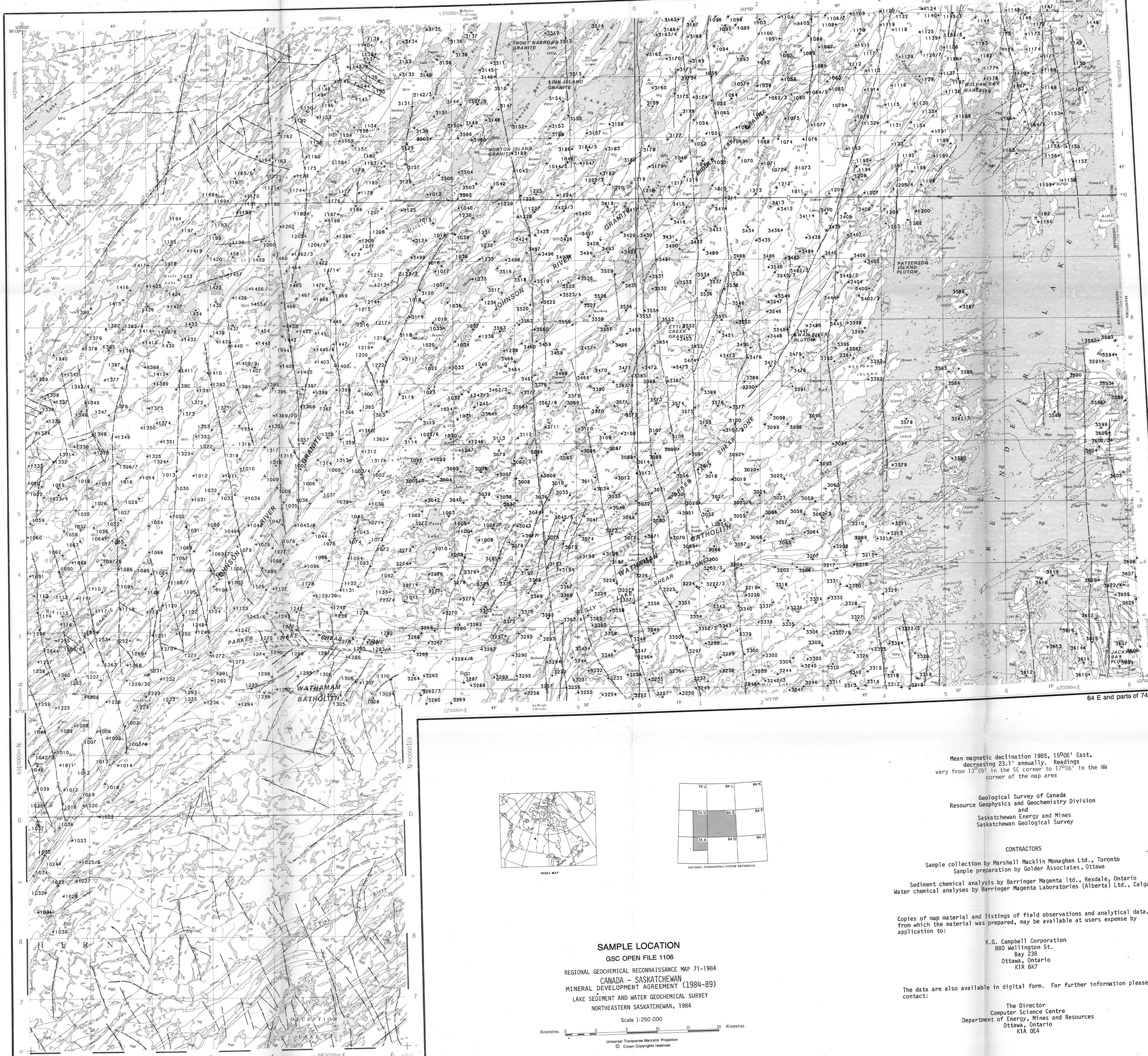
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Complexes: where two or more classes of terrain are interspersed in a mosaic or a three-position designation set off by slashes denoting arbitrary percentage limits. For example, "Mg/Og" means that at least 60% of the area is underlain by thin till, with up to 40% bogy areas, and less than 15% scattered rock outcrops. "Rg/R" indicates more than 60% bedrock concealed by vegetation and less than 15% outcrop.

**SURFICIAL GEOLOGY**

Kilometres 0 20 40 60

Scale 1:1 000 000

Rock

- concealed
- weathered
- eroded
- gullied
- collapsed
- plain
- venous
- ridged

Geomorphic Modifier

- hummocky
- drumlinoid
- terrace

Glaciolacustrine

- gullied
- collapsed
- plain
- venous
- ridged

Glaciofluvial

- gullied
- collapsed
- plain
- venous
- ridged

Organic

- hummocky
- drumlinoid
- terrace

Mean magnetic declination 1985, 15°06' East, decreasing 23.1' annually. Readings vary from 13°00' in the SE corner to 17°00' in the NW corner of the map area.

Geological Survey of Canada  
Resource Geophysics and Geochemistry Division  
and  
Saskatchewan Energy and Mines  
Saskatchewan Geological Survey

Sample collection by Marshall Macklin Monaghan Ltd., Toronto  
Sample preparation by Golder Associates, Ottawa

Sediment chemical analysis by Barringer Magenta Laboratories (Alberta) Ltd., Calgary

Water chemical analyses by Barringer Magenta Laboratories (Alberta) Ltd., Calgary

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 0G4

This legend was modified and the geology derived for these geochronological maps from Compilation Bedrock Geology Series 2284, 2284A and 2324, Saskatchewan Energy and Mines, Saskatchewan Geological Survey

This map forms one of a series of maps released by the Geological Survey of Canada, the Open File 1106. The Open File consists of maps of various geochronological variables: 16 for lake sediment, 3 for lake water and 1 sample site location

**SAMPLE LOCATION**  
GSC OPEN FILE 1106  
NORTHEASTERN SASKATCHEWAN, 1984

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