

HISTOGRAM

Scale 1:1 000 000

GLACIAL ENVIRONMENT

GLACIAL DEPOSITS: till: 1-5 m thick, derived primarily from Precambrian bedrock

ORGANIC DEPOSITS: marsh, fen, swamp and bog deposits up to 6 m thick, characterized by seasonal flooding

Flutings, drumlins, and drumlinoid ridges, oriented

PROGLACIAL AND GLACIAL ENVIRONMENT

GLACIOLACUSTRINE DEPOSITS: beach and nearshore deposits: sand and gravel 1-4 m thick, forming distinct ridges

GLACIOFLUVIAL DEPOSITS: gravel, sand and silt, 1-100 m thick

NONGLACIAL ENVIRONMENT

+ + + BEDROCK

Elevation in feet above mean sea level

Mean magnetic declination 1985, 9006' East, decreasing 23.1' annually. Readings vary from 7°35' in the NE corner to 10°28' in the SW corner of the map area

GSC OPEN FILE 1105 REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 70-1984 CANADA - MANITORA MINERAL DEVELOPMENT AGREEMENT (1984-89) LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY NORTH-WEST MANITOBA, 1984

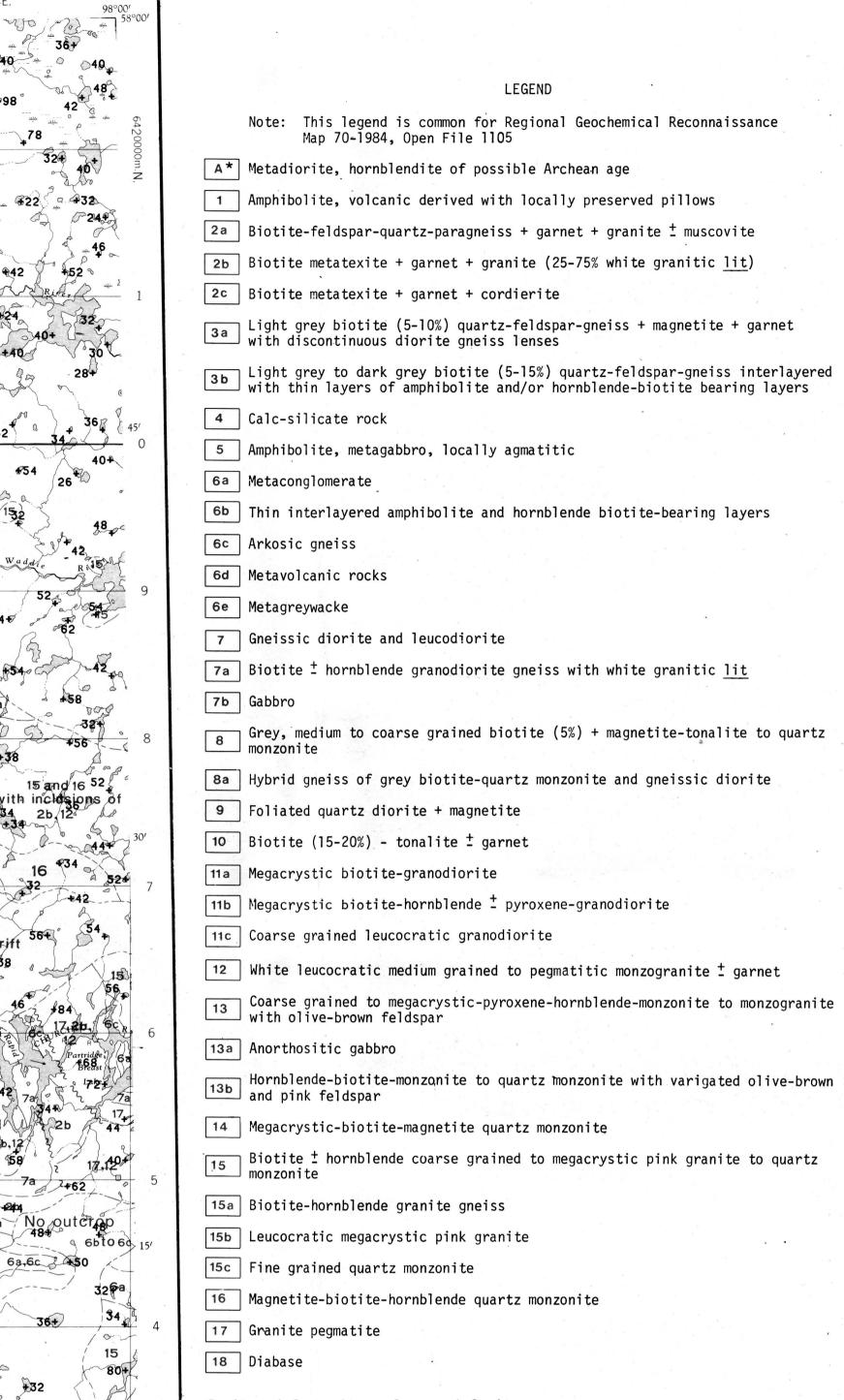
Scale 1:250 000

Base map at the same scale published by the Surveys and Mapping Branch in 1963 NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDE)
TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

SOUTHERN

LAKE

6a, 9



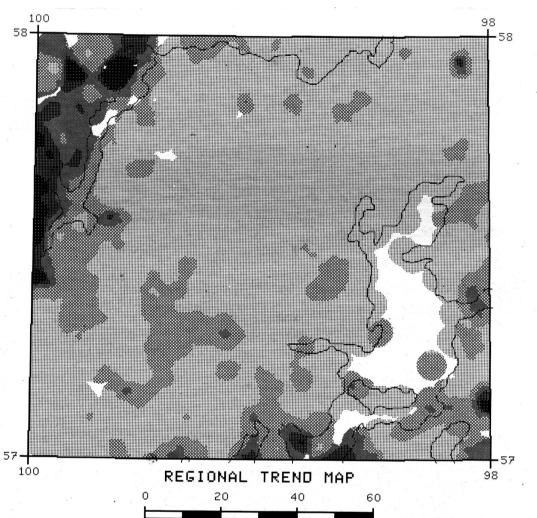
Pyrite, chalcopyrite, galena, sphalerite, Geological boundary (approximate, assumed, gradational) Drift covered______

* A four character mnemonic name recorded rock type as part of the 1984 field observations

> Provisional Compilation map by H.V. Zwanzig, Manitoba Department of Energy and Mines

This map forms one of a series of maps released by the Geological Survey of Canada, Open File 1103 to 1105. Each Open File consists of maps of various geochemical variables: 16 for lake sediment, 3 for lake water and I sample site location

This map has been reprinted from a scanned version of the original map Reproduction par numérisation d'une carte sur papier FLUORINE in water (ppp) GSC OPEN FILE 1105 NORTH-WEST MANITOBA, 1984

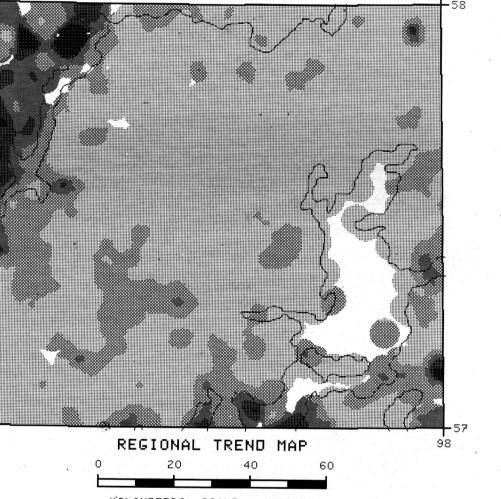


FWAT

881 SAMPLES

application to:

ZTILE



KILOMETERS- SCALE 1: 1000000

Geological Survey of Canada

Resource Geophysics and Geochemistry Division

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

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from which the material was prepared, may be available at users expense by

SURFICIAL GEOLOGY

GLACIOLACUSTRINE DEPOSITS: deep basin deposits: silt, clay and sand, 1-30 m thick

Universal Transverse Mercator Projection

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FLUORINE in water (ppb)