

LEGEND

Note: This legend is common for Regional Geochemical Reconnaissance Map 69-1984, Open File 1104.

A* Metadiorite, hornblendite of possible Archean age
1 Amphibolite, volcanic derived with locally preserved pillows

2a Biotite-feldspar-quartz-paragneiss + garnet + granite ± muscovite

2b Biotite metatektite + garnet + granite (25-75% white granitic lit)

2c Biotite metatektite + garnet + cordierite

3a Light grey biotite (5-10%) quartz-feldspar-gneiss + magnetite + garnet with discontinuous diorite gneiss lenses

3b Light grey to dark grey biotite (5-15%) quartz-feldspar-gneiss interlayered with thin layers of amphibolite and/or hornblende-biotite bearing layers

4 Calc-silicate rock

5 Amphibolite, metagabbro, locally agmatic

6a Metaconglomerate

6b Thin interlayered amphibolite and hornblende-biotite-bearing layers

6c Arkosic gneiss

6d Metavolcanic rocks

6e Metagreywacke

7 Gneissic diorite and leucodiorite

7a Biotite ± hornblende granodiorite gneiss with white granitic lit

7b Gabbro

8 Grey, medium to coarse grained biotite (5%) + magnetite-tonalite to quartz monzonite

8a Hybrid gneiss of grey biotite-quartz monzonite and gneissic diorite

9 Foliated quartz diorite + magnetite

10 Biotite (15-20%) - tonalite ± garnet

11a Megacrystic biotite-granodiorite

11b Megacrystic biotite-hornblende ± pyroxene-granodiorite

11c Coarse grained leucocratic granodiorite

12 White leucocratic medium grained to pegmatitic monzogranite ± garnet

13 Coarse grained to megacrystic-pyroxene-hornblende-monzonite to monzogranite with olive-brown feldspar

13a Anorthositic gabbro

13b Hornblende-biotite-monzonite to quartz monzonite with variegated olive-brown feldspar

14 Megacrystic-biotite-magnetite quartz monzonite

15 Biotite-hornblende coarse grained to megacrystic pink granite to quartz monzonite

15a Biotite-hornblende granite gneiss

15b Leucocratic megacrystic pink granite

15c Fine grained quartz monzonite

16 Magnetite-biotite-hornblende quartz monzonite

17 Granite pegmatite

18 Diabase

Pyrite, chalcopyrite, galena, sphalerite,

Iron Formation ▲ Py; ▲ Cp; ▲ Pb; ▲ Sp; ▲ Ilt.

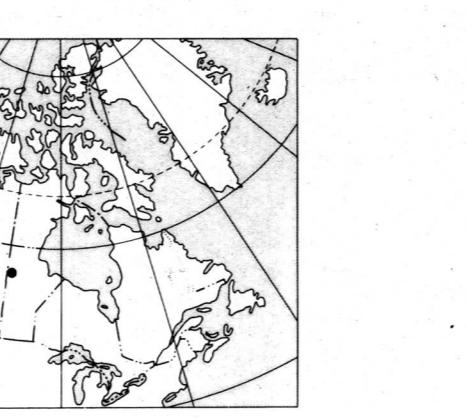
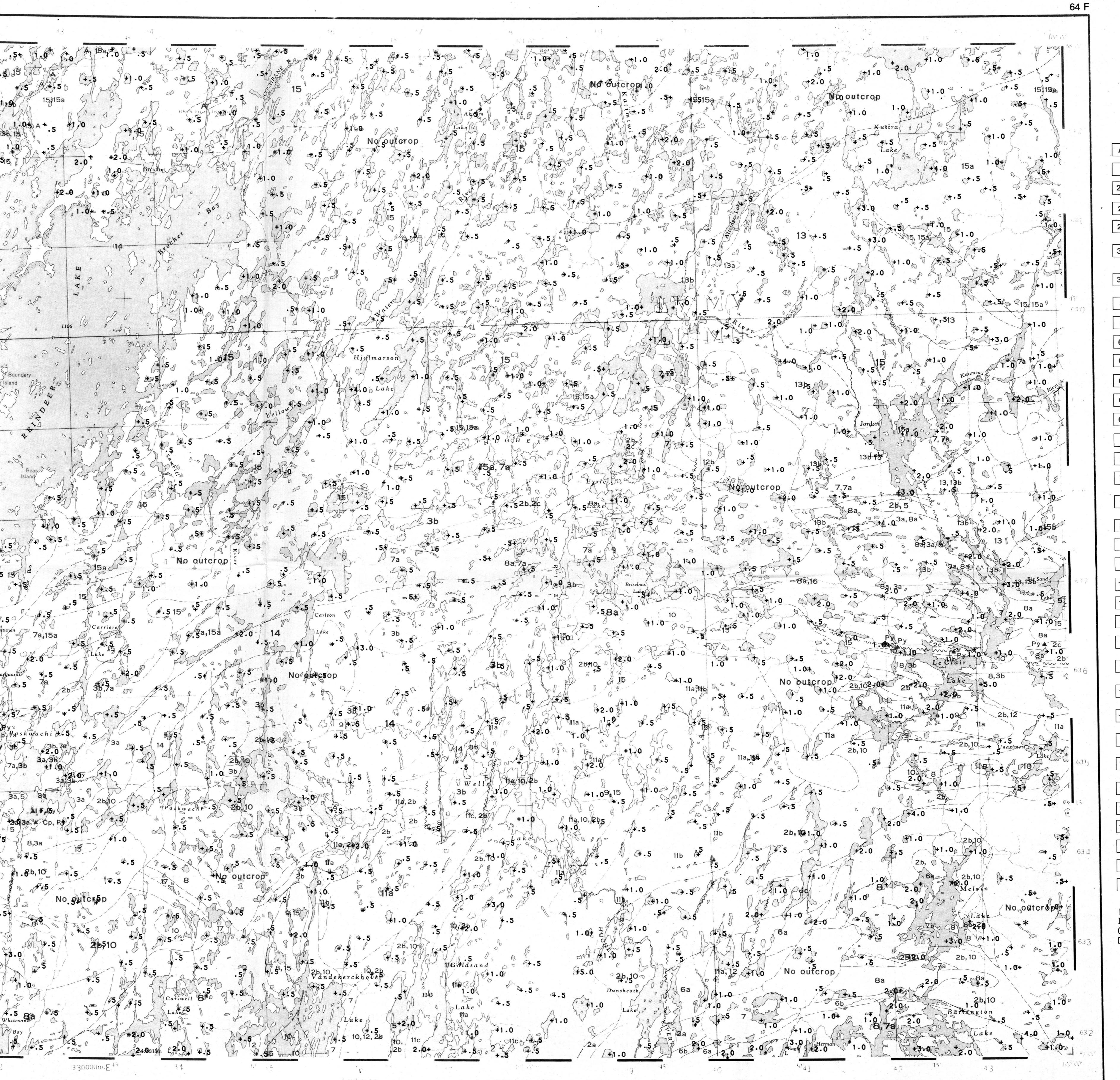
Geological boundary (approximate, assumed, gradational) -----

Drift covered -----

Provisional Compilation map by H.W. Zwanzig,
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* A four character mnemonic name recorded rock type as part of the 1984 field observations

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 1 sample site location



ARSENIC (ppm)
GSC OPEN FILE 1104

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 69-1984

CANADA - MANITOBA

MINERAL DEVELOPMENT AGREEMENT (1984-89)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY

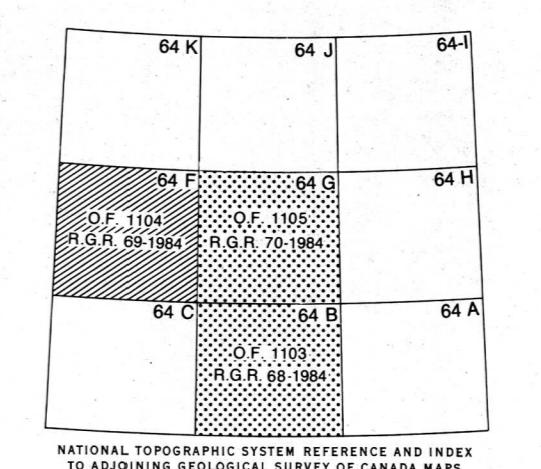
NORTH-WEST MANITOBA, 1984

Scale 1:250 000

Kilometres 0 5 10 15 20 Kilometres

Universal Transverse Mercator Projection

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ARSENIC (ppm)
GSC OPEN FILE 1104
NORTH-WEST MANITOBA, 1984