

LEGEND

Note: This legend is common for Regional Geochemical Reconnaissance Map 68-1984, Open File 1103.

PROTEROZOIC (APHEBIAN)

31 GRANITIC INTRUSIVE ROCKS, POST-SICKLE (HUDSONIAN) (AHi to AHif)*
31a-granite (AHia); 31b-megacrystic granite; 31c-granite, granodiorite + muscovite; 31d-leucogranite, tonalite; 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
29-tonalite, granodiorite, quartz diorite (AHit), 29a-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)

SICKLE GROUP SICKLE METAMORPHIC SUITE
ARKOSIC METASEDIMENTARY ROCKS, DERIVED GNEISS

26a-conglomerate (ASac)
26b-arkosic sandstone (ASas)
26c-sandstone-derived gneiss, migmatite (ASan)
unconformable

SOUTHERN INDIAN GNEISS

25 PRE-SICKLE INTRUSIVE ROCKS
25a-gabbro, norite, ultramafic rock (APtr)
25b-tonalite, granodiorite, diorite (APit)
25c-granite (APig); 25d-gabbro-quartz diorite (APqd)

26d-felsic, minor mafic gneiss (age unknown) (ALmt)

WASEKWAN OR SICKLE GROUP GNEISSIC ROCKS OF PROBABLE AGE
AMPHIBOLITE, CALC-SILICATE ROCK, METASEDIMENTARY ROCKS
24a-greywacke (ASmu); 24b-felsic gneiss (AGmf)
unconformable

WASEKWAN AGE

24 WASEKWAN GROUP BURNTWOOD RIVER METAMORPHIC SUITE
METASEDIMENTARY ROCKS
24c-mafic gneiss, volcanic rock
25a-greywacke, conglomerate, mafic mudstone (AWsw)
25b-greywacke-derived greywacke (ABm)

24d-omphibolite, tuff (AIma)

23 25b-greywacke-derived gneiss, migmatite (ABsw)
conformable

23c-greywacke-derived gneiss and migmatite (AIsu)

22 FELSIC, INTERMEDIATE VOLCANICS
22a-dacite, rhyolite (AWrd)
22b-basalt (AWbd)

24c-intermediate volcanics

21 MARIC, INTERMEDIATE VOLCANICS
21a-tuff, andesite (AWva)
21b-basalt (AWbd)

24d-intermediate volcanics

Geological boundary (approximate, inferred).....
Fault approximate or inferred.....
Area of no outcrop.....
No analytical result.....*

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

Provisional Compilation map by H.W. Zwanzig,
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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

SILVER (ppm)
GSC OPEN FILE 1103

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 68-1984

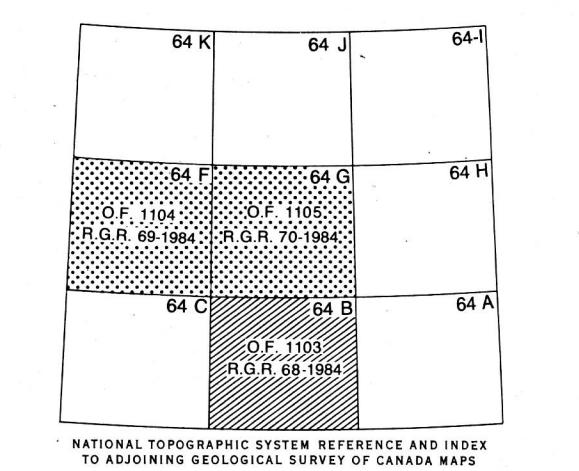
CANADA - MANITOBA

MINERAL DEVELOPMENT AGREEMENT (1984-89)

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY

NORTH-WEST MANITOBA, 1984

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



Elevation in feet above mean sea level
Scale 1:250 000
Universal Transverse Mercator Projection
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SILVER (ppm)
GSC OPEN FILE 1103
NORTH-WEST MANITOBA, 1984