

LEGEND  
West of 101° 45'

- POST MISSI
- 8 Granite, granite gneiss, porphyritic granite, and granodiorite, pegmatite
- 7 Quartz, porphyry, porphyry, porphyritic quartz, diorite and felsite
- 6 Pyroxenite, peridotite, serpentine, scapolite
- 5 Diorite, diorite-gneiss, amphibolite
- MISSI SERIES
- 3 Conglomerate, quartzite, greywacke, derived schists, 3a, conglomerate
- 2 Hornblende schist, chlorite schist, sericite schist, schistose greenstone, altered sediments and iron formation
- PRE MISSI
- 1 Greywacke, slate, quartzite, derived schists
- A Biotite gneiss, garnetiferous mica gneiss, granulite sediments, minor hornblende gneiss, small bodies of (B)
- B Hornblende gneiss, garnetiferous hornblende gneiss, schistose greenstone, minor biotite gneiss, small bodies of (B)

SYMBOLS

- ELECTRO-MAGNETIC ANOMALY
- Strong Medium Weak
- Single Zone
- MAGNETIC ANOMALY
- M M
- SELF-POTENTIAL ANOMALY
- SP
- GEOPHYSICAL GRID BOUNDARY
- 90349

Geophysical Plots by T.T. Hodin  
Data Compiled to May, 1977  
Edited by J.D. Bambrick  
Cartography by D. Kleinholz, 1978

MINERAL EVALUATION AND ADMINISTRATION BRANCH  
MINERAL RESOURCES DIVISION, WINNIPEG

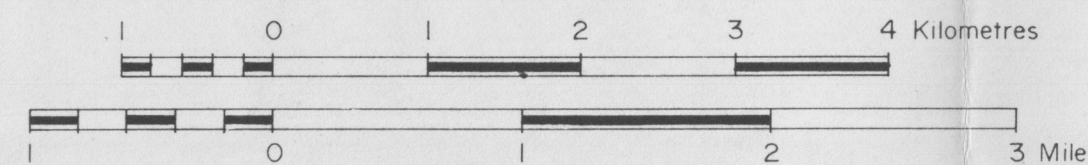
To Accompany Open File Report 78/2



MAP 78/2-5A  
COMPILATION OF THE GROUND GEOLOGICAL SURVEYS  
FROM THE OPEN ASSESSMENT FILES  
IN THE  
FLIN FLON AREA

MANITOBA  
63K/13

SCALE: 1:50,000



LEGEND  
East of 101° 45'

- 14 14a, quartz, felsite, porphyry, 14b, felsite, porphyry, 14c, hornblende, diorite, 14d, diorite, porphyry
- 13 13a, albite granite and quartz, granodiorite, pegmatite, 13b, massive granodiorite, 13c, quartz, felsite
- 12 12a, granodiorite, gneiss, 12b, porphyritic granodiorite, gneiss, some quartz-vein, 12c, granodiorite, gneiss, probably in large part derived from 12a. May be older than 8
- 11 11a, hornblende, diorite, 11b, pyroxenite, hornblende, 11c, hornblende, metapelite, metadiorite, 11d, felsite, complex of pyroxenite, hornblende, peridotite, hornblende, metapelite, saussurite, amphibolite, epidote, rich quartz-vein, metapelite, and quartz, metapelite, 11e, intrusive complex of metapelite, peridotite, metagabbro, epidote-rich rock, diorite, rock, albite-zoned rock, 11f, albite granite and quartz related to 11e. May be in part older than 8
- 9 10 Kissaynew gneiss, 9, stratified, paragneiss, containing biotite, epidote, and quartz in part quartziferous, many pegmatite sills and dykes, and small bodies of 13, 10, granitoid gneiss, minor pegmatite and undifferentiated 13
- 8 Conglomerate
- 7 Rhyolite, porphyritic diorite and minor intrusive equivalents; rhyolite tuff, diorite tuff and breccia
- 6 6a, argillite and small amounts of schistose, bedded tuff, minor, squarish pillow lava, 6b, interbedded argillite and diorite tuff, 6c, argillite, gneiss, sedimentary gneiss, and minor tuff
- 5 Andesitic tuff and breccia, minor pillow lava-derived schists
- 4 Greenstone, chiefly altered pillow lava with small amounts of interbedded pyroclastic rocks; minor intrusive amphibolite
- 2 3 Gneiss, and schists, 2, hornblende gneiss and schist, derived from 4; 3, biotite, metadiorite gneiss derived from 2
- 1 Quartz-oligoclase gneiss

- Bedding (inclined, vertical, dip unknown)
- Schistosity (inclined, vertical, dip unknown)
- Schistosity (indicating type as determined from pillows)
- Foliation (arrow indicates direction of plunge)
- Fault
- Glacial striae
- Prospect (Au-gold, Cu-copper, S-sulfide)
- Winter road or trail
- Portage
- Building
- Power transmission line
- Township boundary (surveyed)
- Township boundary (unsurveyed)
- Stream (position approximate)
- Fall and rapid
- Marsh
- Reef or small island
- Height in feet above mean sea level

Geology by J.D. Bateman, 1941, and J.M. Harrison, 1943

Base map compiled by the Topographical Survey, 1946, from aerial photographs taken by the Royal Canadian Air Force in October 1946 and July and August 1947, and from information supplied by the Department of Mines and Natural Resources, Manitoba, Cartography by the Geographical Survey, 1947.

