

- LEGEND
West of 101°15'
- ORDOVICIAN
- 9 Limestone and dolomitic limestone
- ARCHAEO-PROTEROZOIC
- 8 Complex of closely spaced, randomly oriented
spessartite dykes
- 7 7a, syenodiorite, porphyritic syenodiorite, and syenite
(may be in part older than 6a); 7b, coarse gneissic feld-
spar porphyry and porphyritic gabbro; 7c, swarms of
syenite and syenodiorite dykes
- 6 6a, biotite granite; 6b, alaskite
- 5 5a, hornblende-biotite quartz diorite and biotite grano-
diorite; minor porphyritic granodiorite, quartz diorite,
and syenite; 5b, porphyritic quartz diorite
- 4 4a, hornblende-biotite granodiorite and diorite;
4b, gabbro and norite
- 3 3a, quartz-eye granite, quartz porphyry and feldspar
porphyry; minor hornblende granodiorite; 3b, quartz
diorite, quartz gabbro, and gabbro gneiss
- ARCHAEO
- AMISK GROUP (1-2)
- 2 2a, meta-diorite and meta-gabbro (may be in part
extrusive), minor amphibolite; 2b, altered gabbro and
pseudo gabbro; minor pyroxenite and hornblende
- 1 1a, greenstone derived from andesite and basalt; minor
amphibolite, tuff, agglomerate, meta-diorite, and meta-
gabbro; 1b, tuff and agglomerate; 1c, conglomerate;
1d, feldspar porphyry, quartz porphyry, and garnetiferous
biotite gneiss; minor dacite and rhyolitic lavas and
agglomerate
- A Aa, hornfels and mixed greenstone-granite gneiss;
Ab, recrystallized gabbro or amphibolite with large eyes
of lavender and blue quartz

- Drift-covered area
- Geological boundary (defined, approximate,
assumed)
- Limit of geological mapping
- Bedding (inclined, vertical, overturned,
dip unknown)
- Bedding (dip known, top of bed unknown)
- Bedding (top of bed known, dip unknown)
- Schistosity (inclined, vertical, dip unknown)
- Gneissosity (inclined, vertical, dip unknown)
- Lineation (inclined, plunge known)
- Drag fold in gneissosity
- Fault (defined, approximate)
- Shear zone
- Glacial striae
- Mineral prospect
- Shaft

Geology by T. Podolsky, 1951

- Main highway
- Other roads
- Trail, portage or winter road
- Township boundary (surveyed)
- Township boundary (unsurveyed)
- Section line and number (surveyed)
- Stream (position approximate)
- Ditch
- Fall and rapid
- Marsh
- Height in feet above mean sea-level 922

SYMBOLS

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

Geophysical Plots by J.T. Hosain
Data compiled to July, 1977
Edited by J.D. Bombard
Cartography by D.L. McShane, 1978

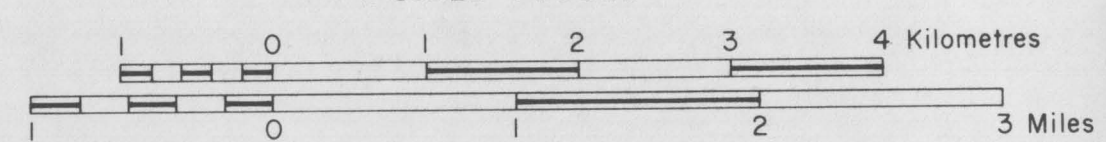
MINERAL EVALUATION AND ADMINISTRATION BRANCH
MINERAL RESOURCES DIVISION, WINNIPEG

To Accompany Open File Report 78/2



R. 27
Geological base map derived from Geol. Surv. Can. Map 26-1957 (W 1/2)
and Map 51-17 (E 1/2) by T. Podolsky
Source data for this review obtained from Open File Assessment Reports

MAP 78/2-3A
COMPILATION OF THE GROUND GEOLOGICAL SURVEYS
FROM THE OPEN ASSESSMENT FILES
IN THE
CRANBERRY PORTAGE AREA
MANITOBA
63K/11
SCALE 1:50 000



- LEGEND
East of 101°15'
- PALAEZOIC
- Dolomite, dolomitic limestone
- ARCHAEO-PROTEROZOIC
- Medium-grained, pink, fairly granitic biotite granite
may be older than 6
- Coarse, porphyritic, and to grey syenite-gneiss and
green syenodiorite associated biotite syenite
6a, medium-grained, pink to red biotite syenite
- Medium to coarse-grained quartz diorite, biotite
hornblende diorite, minor granodiorite
- Medium-grained, porphyritic diorite, granodiorite
may be older than 3
- Medium-grained epidote-biotite granite gneiss, in
places gneissoid; 3a, medium-grained, epidote-
biotite hornblende granite-gneiss and epidote-biotite
granite-gneiss; granitized gneiss derived from green-
stone, undifferentiated granite rock
- Coarse-grained hornblende, hornblende gabbro
- ARCHAEO
- AMISK GROUP
- Concretion, pseudo-diorite, meta-diorite, granitized
lava, 18, sheared, carbonized, silicified rock, with
much pyroclastic
- Contact breccia, includes fragments of greenstone in
diorite (18); in places cut by swarms of biotite granite
(7) dykes

- Bedding (upper side known, dip unknown)
- Concretion, schistosity (inclined, vertical, dip unknown)
- Lineation (plunge indicated)
- Fault, shear zone
- Shaft
- Prospect

Geology by T. Podolsky, 1950

- Building
- Trail or Portage
- Township boundary surveyed
- Township boundary unsurveyed
- Survey monument
- Stream (position approximate)
- Marsh
- Reef or small island
- Height in feet above mean sea-level 921

Base map surveyed by the Topographical Survey

Approximate magnetic declination, 15°15' East.

