

LEGEND
West of Long. 101°45'

- PALAEZOIC**
- ORDOVICIAN**
- 9 Dolomite, dolomitic limestone
- POST-MISSI**
- 8 Granite, granite-gneiss, porphyritic granite and granodiorite
- 7 Quartz-porphyry, porphyry, porphyritic quartz diorite and felsite
- 6 Pyroxenite, peridotite, serpentine and soapstone
- 5 Diorite, diorite-gneiss, amphibolite
- MISSI SERIES**
- 3 Conglomerate, quartzite, greywacke; derived schists; 3a, conglomerate
- PRE-MISSI**
- 1 Greywacke, slate, quartzite; derived schists
- ARCHAEO-PROTEROZOIC**
- 4 Greenstone, greenstone schist, breccias, metadiorite; abundant inclusions of (2)
- 2 Hornblende schist, chlorite schist, sericite schist, schistose greenstone, altered sediments and iron formation

- Bedding (inclined, vertical).....
Schistosity (inclined, vertical).....
Fault.....
Glacial striae.....
Fossil locality.....
Mineral occurrence.....
Mineral prospect.....
Mine shaft.....
Road and buildings.....
Trail or portage.....
Interprovincial boundary.....
Township boundary (surveyed).....
Township boundary (unsurveyed).....
Forest Reserve boundary.....
Stream (position approximate).....
Marsh.....
Reef or small island.....
Height in feet above Mean sea-level.....

SYMBOLS

DRILL HOLES

- Vertical or unknown orientation.....
Dip direction or generalized direction with logs.....
Dip direction or generalized direction, no logs.....
Single hole.....
Multiple hole.....

ELECTRO-MAGNETIC ANOMALY

- Strong.....
Medium.....
Weak.....

MAGNETIC ANOMALY

- Single.....
Zone.....

SELF-POTENTIAL ANOMALY

- SP.....

GEOPHYSICAL GRID BOUNDARY

- 90349.....

MINERAL DEPOSITS

- Prospect or showing.....
Producer.....
Post-producer.....

Drill Hole Plots by G.H. Gale
Geophysical Plots by I.T. Hosain
Mineral Deposit Plots by J.D. Bamburak
Data Compiled to July, 1977
Edited by J.D. Bamburak
Cartography by D. Kleinholz, 1977

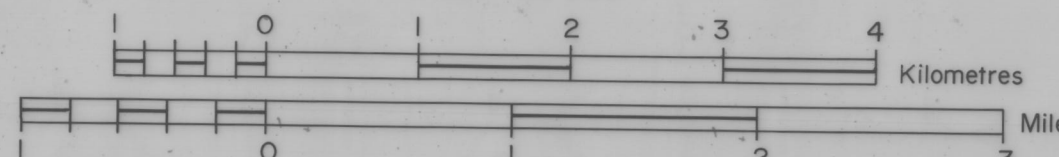
MINERAL EVALUATION AND ADMINISTRATION BRANCH
MINERAL RESOURCES DIVISION, WINNIPEG

To Accompany Open File Report 77/6



Geological base map derived from Geol. Surv. Can. Map 633A (W/2) and Map 807A (E/2).
Source data for this review obtained from Open File Assessment Reports and from Various
Publications (see introduction of report)

EXPLORATION HISTORY REVIEW MAP
OF THE
SCHIST LAKE AREA
MANITOBA
63 K/12
SCALE: 1:50,000



LEGEND

East of Long. 101°45'

Uncoloured areas are those in which the character of the underlying rock is unknown.

- PALAEZOIC**
- ORDOVICIAN**
- 5 Limestone, dolomitic limestone
- ARCHAEO-PROTEROZOIC**
- 4 Feldspar porphyry
- MISSI GROUP**
- 3a, conglomerate; 3b, quartzite; minor argillite
- ARCHAEO**
- 2 Diorite, quartz diorite; minor amphibolite and gabbro; 2a, diorite, gabbro, pyroxenite, amphibolite; 2b, intrusive complex of quartz diorite, diorite, diorite pegmatite, gabbro, gabbro pegmatite, pyroxenite, and hornblende. May be in part of post-Missi age
- 1d Greywacke, argillite
- 1c Tuff, cherty tuff; 1c, conglomerate
- 1b Rhyolite, dacite; minor tuff and chert; minor associated intrusive rocks
- 1a, andesite, basalt; minor tuff and chert; minor associated intrusive rocks; 1a, dioritized greenstone

PRECAMBRIAN

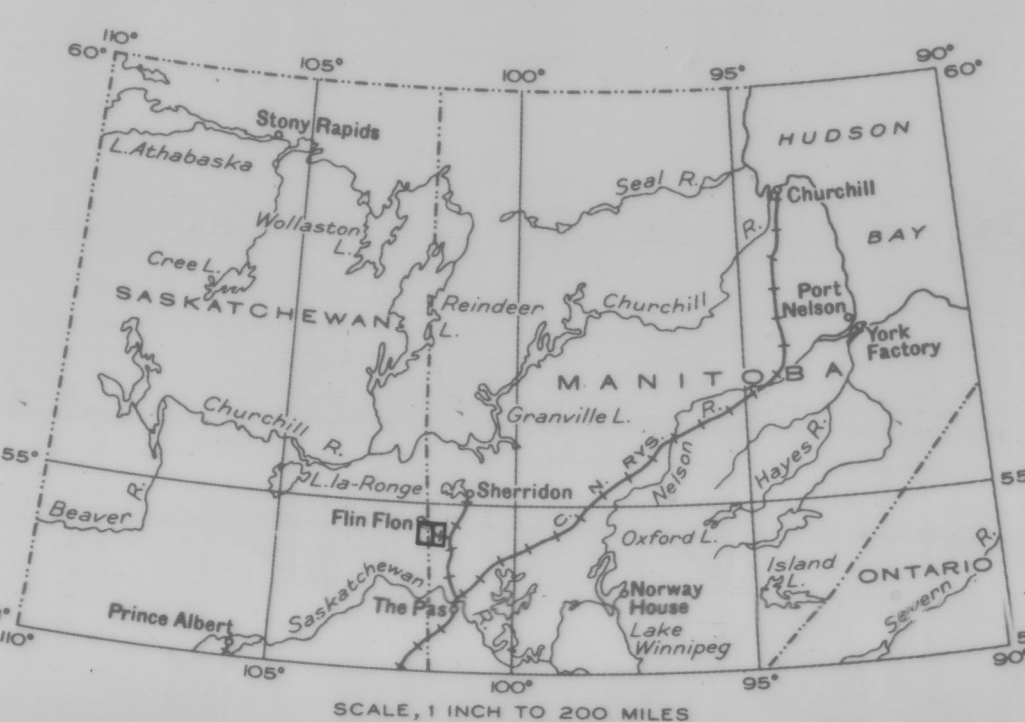
- 10 Porphyritic granodiorite. Age relations to 8 and 9 unknown
- 9, 8 9, granite, granodiorite, associated gneiss, gabbro
- 7 Gabbro, gabbro-gneiss
- 6 "Quartz-eye" granite, granite, quartz porphyry

Drift-covered area (drift deposits are not shown within the larger granitic areas).....
Small rock outcrop.....
Bedding (inclined, vertical, overturned).....
Bedding (direction of dip known, upper side of bed unknown).....
Fault.....
Glacial striae.....
Fossil locality.....
Mineral occurrence.....

Asbestos..... Asb
Copper..... Cu
Gold..... Au
Pyrite..... Py
Zinc..... Zn

Trail or portage.....
Township boundary (surveyed).....
Township boundary (unsurveyed).....
Survey monument.....
Gravel pit.....
Stream (position approximate).....
Rapid.....
Marsh.....
Reef or small island.....
Height in feet above mean sea-level.....

Geology by A. F. Buckham, 1940.
Base-map compiled by the Topographical Survey, 1940, from aerial photographs taken by the Royal Canadian Air Force, July and August, 1929. Control surveys by the Manitoba Government and Federal Government Departments. Cartography by the Drafting and Reproducing Division, 1944.



SCALE: 1 INCH TO 200 MILES