

LEGEND
West of 101° 15'

- 10a, 10b 10a, porphyritic quartz latite, quartz latite, dacite; 10b, granite-pegmatite
- 7a-b, 7c-d Younger granitic intrusions, 7a, biotite granodiorite, some alaskitic granodiorite and hornblende granodiorite; 7b, granite; 7c, hornblende granodiorite; some hornblende quartz diorite and biotite granodiorite; 7d, diorite and gabbro. (G, gneissic; C, cataclastic; P, porphyritic; B, granoblastic)
- 6a, 6b Intrusions of intermediate age, 6a, hornblende gabbro and hornblende diorite; 6b, Porphyritic latite
- 5 Older granodiorite and quartz diorite; 5a, quartz-eyed granite; 5b, massive facies of 5a; 5c, intrusive breccia of 5a; 5d, fine-grained granodiorite; 5e, porphyritic quartz latite border facies of 5d; 5f, intrusive breccia of 5d; 5g, Quartz diorite-gneiss
- 4 AMISK SERIES (1-4)
Rhyolite, porphyritic rhyolite
- 1 Greenstones derived from mafic flows and pillow lavas; minor mafic intrusive rocks and flow breccia; 1a, agglomerate and tuff; minor pillow lava; 1b, layered mafic volcanic rocks, may be sheared pillow lava
- 2, 3 2. Amphibolite derived from 1; some pseudo-gabbro and pseudo-diorite derived from 2
3. Pseudo-gabbro and pseudo-diorite derived from 2

- G Quartz latite
- F Fine-grained, alaskitic granodiorite; some biotite granodiorite
- E Hornblende gabbro
- C Amphibolite; may be derived in part from sedimentary rocks
- A Biotite-plagioclase-quartz gneiss; Aa, conglomerate-gneiss; Ab, biotite-plagioclase-quartz schist
- D Mixed gneisses; granitized paragneisses
- B Gneisses and schists of uncertain derivation; commonly garnetiferous

- Unit-covered area.....
Bedding (inclined, overturned).....
Bedding (direction of dip known, upper side of bed unknown).....
Foliation (inclined, vertical, dip unknown).....
Lineation (arrow indicates direction of plunge).....
Shape and plunge of drag-fold.....
Fault.....
Anticline (arrow indicates direction of plunge).....
Syncline (arrow indicates direction of plunge).....
Glacial strike.....
Prospect, mineral occurrence..... X X
Occurrence of tourmaline, garnet, sillimanite, or niobium..... T, G, B, M
Lineament.....

Geology by J. Kalliooski, 1948, 1949

- Building.....
Portage, trail or winter road.....
Township boundary (surveyed).....
Township boundary (unsurveyed).....
Power transmission line.....
Marsh.....
Fall and rapid.....
Intermittent stream.....
Reef or small island.....
Height in feet above mean sea level.....

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

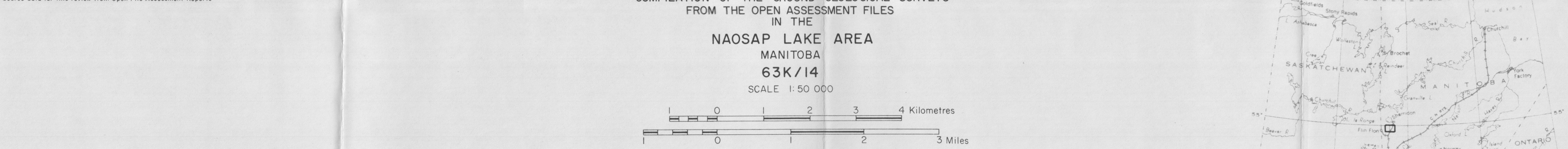
Geophysical Plots by I.T. Hossin
Data Compiled to June, 1977
Edited by J.D. Bamburok
Cartography by D.L. McShane, 1978

MINERAL EVALUATION AND ADMINISTRATION BRANCH
MINERAL RESOURCES DIVISION, WINNIPEG

To Accompany Open File Report 78/2



MAP 78/2-6A
COMPILATION OF THE GROUND GEOLOGICAL SURVEYS
FROM THE OPEN ASSESSMENT FILES
IN THE
NAOSAP LAKE AREA
MANITOBA
63K/14
SCALE 1:50 000



LEGEND
East of 101° 15'

- 16 Pink biotite granodiorite
- 15 Gneissic diorite and syenodiorite, in part porphyritic
- 14 Gneissic biotite granodiorite; 14a, isolated, very gneissic granodiorite
- 13 Gneissic hornblende-biotite quartz diorite to granodiorite
- 12 Grey gneissic hornblende diorite
- 11 Quartz-eyed granite; 11a, grey gneissic rocks derived mainly by granitization of basic volcanic rocks (11a, age uncertain, possibly older than Kiseeweenaw complex (5-8); occurs on Map 1072A, Elbow Lake, only)
- 10 Meta-gabbro and meta-diorite; 10a, meta-proxenite, younger than 3, older than 10, relation to Kiseeweenaw complex (5-8) unknown; occurs on Map 1072A, Elbow Lake, only
- 9 Porphyritic rhyolite and rhyolite, in part younger than 13, relation to Kiseeweenaw complex (5-8) unknown
- KISEEWENAW COMPLEX (5-8)
- 8 Granodiorite, Bg, pegmatite (Bg occurs on Map 1072A, Elbow Lake, only)
- 7 Granitized gneiss derived from both biotite gneiss (3) and hornblende-plagioclase gneiss (6)
- 6 Hornblende-plagioclase gneiss, in part banded
- 5 Biotite gneiss, in part garnetiferous
- 4 Interbedded argillite and greywacke; 4a, hornblende-biotite schists and gneiss, relation to Kiseeweenaw complex (5-8) unknown; occurs on Map 1072A, Elbow Lake, only

- ARCHAEOLOGICAL
- 3 AMISK GROUP (1-3)
Hornblende-plagioclase gneiss, probably altered volcanic rocks (occurs on Map 1072A, Elbow Lake, only)
- 2 Garnetiferous biotite schist and gneiss, garnetiferous staurolite gneiss, probably altered sediments; minor quartzite occurs on Map 1072A, Elbow Lake, only
- 1 Basic volcanic rocks, pillow lavas, minor acidic volcanic rocks, minor gabbroic rocks, cherts, iron-formation, undifferentiated basic intrusions; 1a, basic volcanic rocks with thin bands of garnetiferous hornblende-plagioclase gneiss; 1b, banded hornblende-plagioclase gneiss derived from 1a, coarse-grained amphibolite derived from 1a, occurs on Map 1072A, Elbow Lake, only

- A Grey gneisses and migmatites derived from basic volcanic rocks (1), and sedimentary rocks (2) by biotite granodiorite (14) occurs on Map 1072A, Elbow Lake, only
- B Grey to buff gneisses and migmatites derived from basic volcanic rocks (1) and sedimentary rocks (2) by biotite granodiorite (14) occurs on Map 1072A, Elbow Lake, only

- Schistosity, gneissosity (inclined, vertical, dip unknown)
Foliation (inclined, vertical, dip unknown)
Lineation (direction and amount of plunge)
Drag-fold (form and direction of plunge)
Fault or shear zone
Glacial strike
Mineral occurrence

- INDEX TO MINERAL PROPERTIES
- 1 Kysilek property 3 Redwin property
2 Vamp Lake property 4 Fay Lake property
- Geology by J.C. McGinnis, 1949, 1952