

LEGEND

- QUATERNARY
 - 11 Heavy drift
- MESOZOIC
 - CRETACEOUS
 - 10 Fireclay, sand, lignite
 - POST MIDDLE DEVONIAN (?)
 - 9 Lamprophyre dykes and sills
 - DEVONIAN
 - 8 Limestone, shale, sandstone, gypsum
- PALAEOZOIC
 - 7 Diabase dykes; 7a, interpreted from aeromagnetic data
 - 6 6a, gabbro; 6b, pyroxenite
- ARCHAIC
 - 5 5a, granite; 5b, granodiorite; 5c, syenite
 - 4 4a, rhyolite tuff; 4b, greenstone; 4c, amphibolite; 4d, metasediments
 - 3 Biotite (-garnet)-quartz-feldspar schist, includes some granulite
 - 2 Granite gneiss; 2a, includes some amphibolite gneiss
 - 1 Granulite gneiss, minor granite gneiss

Note: Units 1-4 not necessarily in chronological order

- Rock outcrop x
- Geological boundary (approximate; assumed, from aeromagnetic data) - - - - -
- Northern limit of unit 1 beneath unit 8 (assumed from aeromagnetic data) - - - - -
- Limit of geological mapping - - - - -
- Bedding, (horizontal, inclined, vertical) + / /
- Foliation (horizontal, inclined, vertical, dip unknown) + / / /
- Lination (plunge of minor folds) - - - - -
- Fault (approximate; assumed, from aeromagnetic data) - - - - -
- Glacial striae (direction of ice movement unknown) - - - - -
- Locality (K-Ar age determination in millions of years) 2355 ± 65

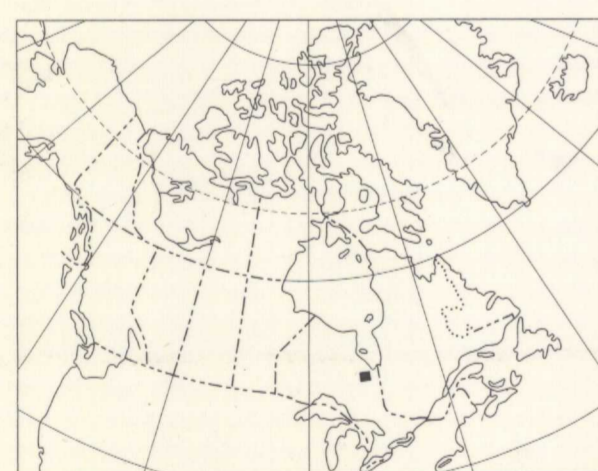
Geology by R. Skinner, 1965

Geological cartography by the Geological Survey of Canada, 1967

Base-map compiled and drawn by the Surveys and Mapping Branch, 1963

Magnetic declination 1967 varies from 10°11' westerly at centre of west edge to 12°56' westerly at centre of east edge. Mean annual change, decreasing 2.0'

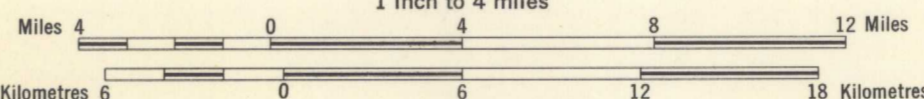
Elevations in feet above Mean Sea Level



Published, 1968
Copies of this map may be obtained from the
Director, Geological Survey of Canada, Ottawa

MAP 9-1967
PAPER 67-38
GEOLOGY
MOOSE RIVER
ONTARIO

Scale 1:253,440
1 inch to 4 miles



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