

Structure symbols

- Bedding, tops unknown (upright, overturned)
- Foliation, generation unknown (inclined, vertical, dip unknown)
- Foliation (generation 1, generation 2, generation 4)
- Crenulation cleavage, generation 1)
- Crenulation cleavage, generation unknown, sense unknown
- L-fabric, generation unknown
- L-fabric, mineral lineation
- Intersection lineation (generation unknown, generation 3)
- Fold axis, symmetry unknown (generation 2, generation unknown)
- Fold axis, Z-symmetry, generation 3
- Fold axis, S-symmetry, generation 3
- Fold axis, symmetric, generation unknown
- Fold axial plane, generation 3
- Dike
- Fault (sinistral, sense unknown)
- Shear zone, sense unknown

Symbols

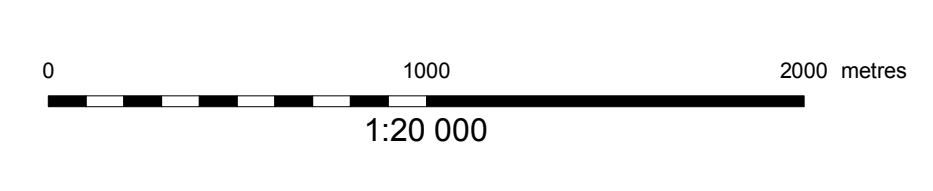
Geologic boundaries

- Contact: defined
- Contact: approximate
- Contact: assumed
- Contact: gradational
- Contact: under water
- Fault: defined
- Fault: approximate
- Fault: assumed

Infrastructure

- Road, tows surface, all-weather
- Road, tows surface, limited use
- Control structure
- Transmission line
- Communication tower

**Revised geology of the Notigi Lake area, Manitoba
 (parts of NTS 63014 and 64B3)**



Legend

Paleoproterozoic intrusive rocks

- Bmx Pegmatitic granite-tonalite, granodiorite, pegmatite
- gn Granite-feldspar phenocrysts
- mi Layered mafic intrusion
- ms Monzonodiorite (Back Trout diorite)

Paleoproterozoic supracrustal rocks

Siclie Group

- K Quartzo-feldspathic gneiss + magnetite (undivided)
- K4 Silimanite-bearing gneiss (meta-arkose)
- K3 "Upper" biotite gneiss (meta-arenite)
- K2 Hornblende-biotite gneiss (meta-arenite)
- K1 Basal biotite gneiss (meta-arenite)

Burntwood Group

- Bdx Greywacke mudstone-derived migmatite (metasiltite), 55-70% leucosome
- Bst Greywacke mudstone-derived migmatite (diatexite), 75-90% leucosome
- St Siliceo-sulphide-iron formation
- ls Layered amphibole with hornblende, diopside, and carbonate-rich layers

Compiled by L.A. Murphy & H.V. Zwanig (2007)

Geology by L.A. Murphy & H.V. Zwanig (2007) and after T.G. Frohlinger, D.C.P. Schledewitz, and S.C. Elphick.

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This map is a provisional summary of work carried out during the summer field season and is produced directly from the geologist's manuscript. It is not to be regarded as a final interpretation of the geology of the area.

SUGGESTED REFERENCE
 Murphy, L.A. and Zwanig, H.V. 2007. Revised geology of Notigi Lake area, Manitoba (parts of NTS 63014 and 64B3). Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, Preliminary Map PMAP2007-2, scale 1:20 000.

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