



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

**Geology by L.A. Murphy and H.V. Zwanzig (2007);
 and after D.A. Baldwin, T.G. Frohlinger, G. Kendrick
 and W.D. McRitchie (1979)**

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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 Zwanzig, H.V. 2007. Revised geology of Kawawayak Lake, Manitoba (part of NTS 63O15); Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, Preliminary Map PMAP2007-3, scale 1:10 000.

REFERENCES
 Baldwin, D.A., Frohlinger, T.G., Kendrick, G., McRitchie, W.D. and Zwanzig, H.V. 1979: Geology of the Nelson House-Pukatawagan region (Burntwood project); Manitoba Department of Mines, Natural Resources and Environment, Mineral Resources Division, Geological Report GR78-3 (pt. III), 22 maps, 1:50 000, 78-3-1 to 78-3-22.
 Frohlinger, T.G. and Kendrick, G. 1979: Nelson House, Manitoba, 1971 (Burntwood project); Manitoba Mines, Natural Resources and Environment; Mineral Resources Division, Geological, Map 78-3-14, scale 1:50 000.

Legend

Paleoproterozoic igneous rocks

- gd granodiorite, granite with pegmatite
- la layered amphibolite
- mg meta-gabbro

Paleoproterozoic supracrustal rocks

- I Silicate-sulphide-iron formation, calcisilicate-sulphide-iron formation, sulphidic biotite gneiss+quartz-rich gneiss
- Q Quartz-rich biotite gneiss, calcareous gneiss derived from siliciclastic rocks
- Q2 Quartz-rich biotite gneiss, minor pelitic gneiss
- Q1 Interlayered calcareous and quartz-rich gneiss, minor pelitic gneiss

Burntwood Group

- B Undivided gneiss and migmatite
- Bgw Greywacke-mudstone-derived gneiss and migmatite +granodiorite (gd)
- Bmx Greywacke-mudstone-derived migmatite (metatexite)
- Bdx Greywacke-mudstone-derived migmatite (diatexite)

Structure symbols

- Bedding, tops unknown
- Foliation: generation unknown (inclined, vertical, dip unknown)
- Foliation, generation 2
- Gneissosity: generation unknown, generation 1
- L-fabric: mineral lineation, rodding, undivided
- Fold axis: generation unknown, symmetric
- Intersection lineation, generation unknown
- Shear zone, sense unknown
- Dike: felsic, mafic

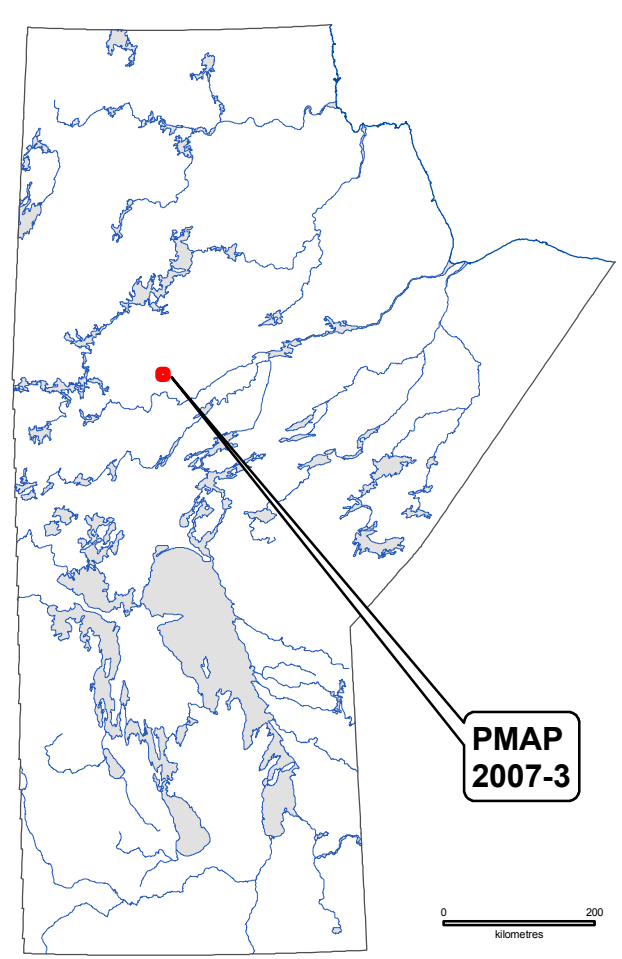
Symbols

Geologic boundaries

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

Infrastructure

- Road, loose surface, all-weather
- Limit of mapping



**PMAP
2007-3**

