



Preliminary Map PMAP2006-9
Geology of the Bernic Lake area around the Tanco mine, Bird River greenstone belt, southeastern Manitoba (NTS 52L6)

Legend

- 9 High-strain zone
- 8 Interbedded greywacke, mudstone
- Syn-tectonic intrusive rocks**
- 7 Birse Lake granodiorite
- 6 a) quartz diorite
b) granodiorite
- 5 a) gabbro
b) diorite
- Supracrustal rocks**
- 4 Polymictic volcanic conglomerate, minor volcanic sandstone
- 3 Felsic volcanic rocks: (quartz- and feldspar-phyric dacite), massive to fragmental
- 2 Laminated tuff, lapilli tuff, minor tuff-breccia
- 1 Mafic volcanic rocks: basalt, andesite
 - a) pillowed
 - b) massive
 - c) quartz-feldspar amygdaloidal
 - d) amphibolite

Symbols

- - - Geological contact
- • • Limit of mapping
- Bedding/primary layering
- Schistosity S1
- Schistosity S2
- Lineations (stretching and mineral)
- Younging indicator
- Fold axis
- Fault
- × Outcrop
- ||||| Tailings pond
- Road
- - - Trail
- Power line
- Mine structure
- Building
- Reef

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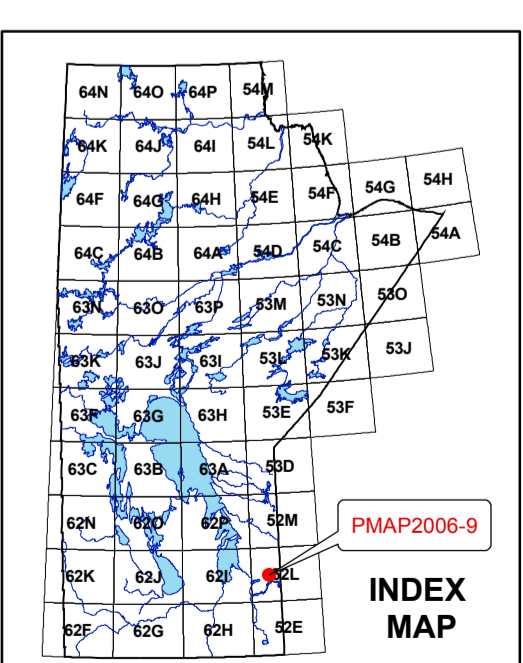
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This map is a provisional summary of work carried out during the summer field season and is produced directly from the geologist's manuscript. It is not to be regarded as a final interpretation of the geology of the area.

SUGGESTED REFERENCE
 Kremer, P.D. and Lin, S. 2006: Geology of the Bernic Lake area around the Tanco mine, Bird River greenstone belt, southeastern Manitoba; Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, Preliminary Map PMAP2006-9, scale 1:10 000.



Scale 1:10 000
 0 500 1 000 metres

