

- Legend**
- Paleoproterozoic**
- 8 Tectonite; mafic to felsic in composition
- Late intrusive suite**
- 7 Quartz-feldspar porphyry (1814 ± 15 Ma^(1,2)), pegmatite and apatite
- Post-Sickle intrusive suite**
- 6 Granodiorite and granite (1855.6 ± 8.3 Ma⁽¹⁾)
 - 6a Granodiorite
 - 6b Granite
- Pre-Sickle intrusive suite**
- 5 Gabbroic rocks, diorite, quartz diorite, tonalite, granodiorite and granite (1876 +8/-6 Ma⁽³⁾) and associated pegmatite and aplitic dikes
 - 5a Tonalite, granodiorite and granite and associated pegmatite and aplitic dikes
 - 5b Diorite, quartz diorite and minor gabbroic rocks
- 4 Gabbro
- Wasekwan group**
- 3 Sedimentary rocks intercalated with minor volcanoclastic rocks
 - 3a Argillite, siltstone and greywacke
 - 3b Banded iron formation
 - 3c Volcanoclastic mudstone, volcanoclastic siltstone, and volcanoclastic sandstone
 - 2 Mafic to intermediate volcanic rocks, and synvolcanic intrusive rocks
 - 2a Diabase and gabbro
 - 2b Porphyritic basaltic andesite
 - 2c Plagioclase-phyric basalt and aphyric basalt
 - 2d Pillow basalt
 - 1 Volcanoclastic rocks with minor volcanic rocks and volcanic sedimentary rocks
 - 1a Felsic to intermediate volcanic and volcanoclastic rocks
 - 1b Intermediate lapilli tuff and tuff
 - 1c Mafic lapillistone, mafic lapilli tuff, tuff and minor mafic mudstone
 - 1d Mafic tuff breccia and breccia
- ⁽¹⁾Beaumont-Smith, 2006, unpublished data; ⁽²⁾Jones (2005); ⁽³⁾Baldwin et al. (1987).

- Symbols**
- | | | | |
|--|--|--|---|
| | Bedding; tops unknown, known, overturned | | Vein |
| | Fold axial plane; generation unknown, 1, 2, 3, 4 | | Mineral occurrence:
CO-Central occurrence
L-Linkwood property |
| | Fold axis, generation unknown; symmetric, S-asymmetric | | Burnt Timber (BT) Au mine |
| | Foliation; generation unknown, 1, 2, 3, 4 | | Antiform |
| | Gneissosity; generation unknown | | Synform |
| | Stretching lineation; generation unknown | | Fault |
| | Mineral lineation | | JSZ Johnson shear zone |
| | Pillow; tops unknown, tops known, overturned | | WLF Wasekwan Lake fault |
| | Fault; generation unknown | | T1 T1 fault |
| | Fault; generation 3 | | Contact; inferred |
| | Fault plane, sinistral, generation 3 | | Contact; underwater |
| | Fold axis; generation 1, 2, 3, 4 | | BT open pit |
| | Fold axis; S-asymmetry, generation 3 | | Road |
| | Fold axis; Z-asymmetry, generation 2, 3, 4 | | Trail |
| | Crenulation cleavage; generation unknown, 1, 4 | | Powerline |
| | Joint | | Mapping limit |
| | Shear zone; generation unknown | | |

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Geology by X.M. Yang and C.J. Beaumont-Smith (2017)

Cartography by M. Timcoe

Recommended reference:
 Yang, X.M. and Beaumont-Smith, C.J. 2017. Bedrock geology of the Wasekwan Lake area, Lynn Lake greenstone belt, northwestern Manitoba (parts of 64C10, 15); Manitoba Growth, Enterprise and Trade, Manitoba Geological Survey, Preliminary Map PMAP2017-3, scale 1:20 000.

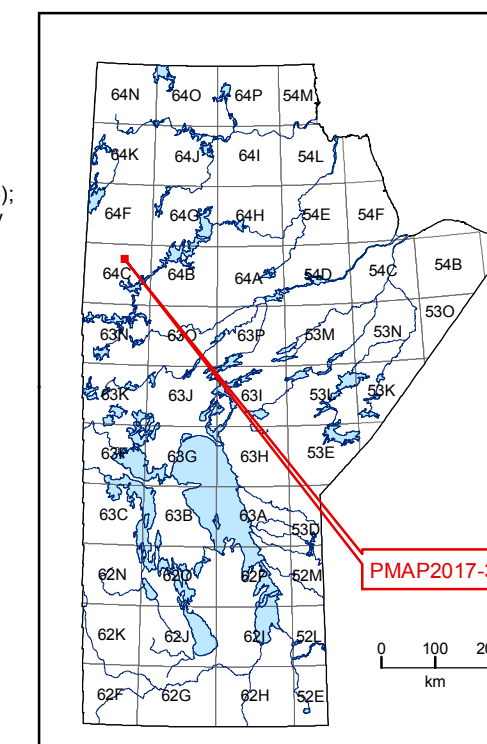
This map is a provisional summary of work carried out during the summer field season and is produced directly from the geologist's manuscript. It is not to be regarded as a final interpretation of the geology of the area.

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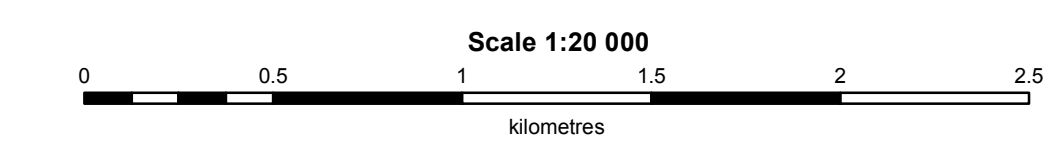
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Location Map



The magnetic declination in 2017 at the centre of the map is 5°40.92' east, and annual change 7.0' west



NAD 1983 UTM Zone 14N

