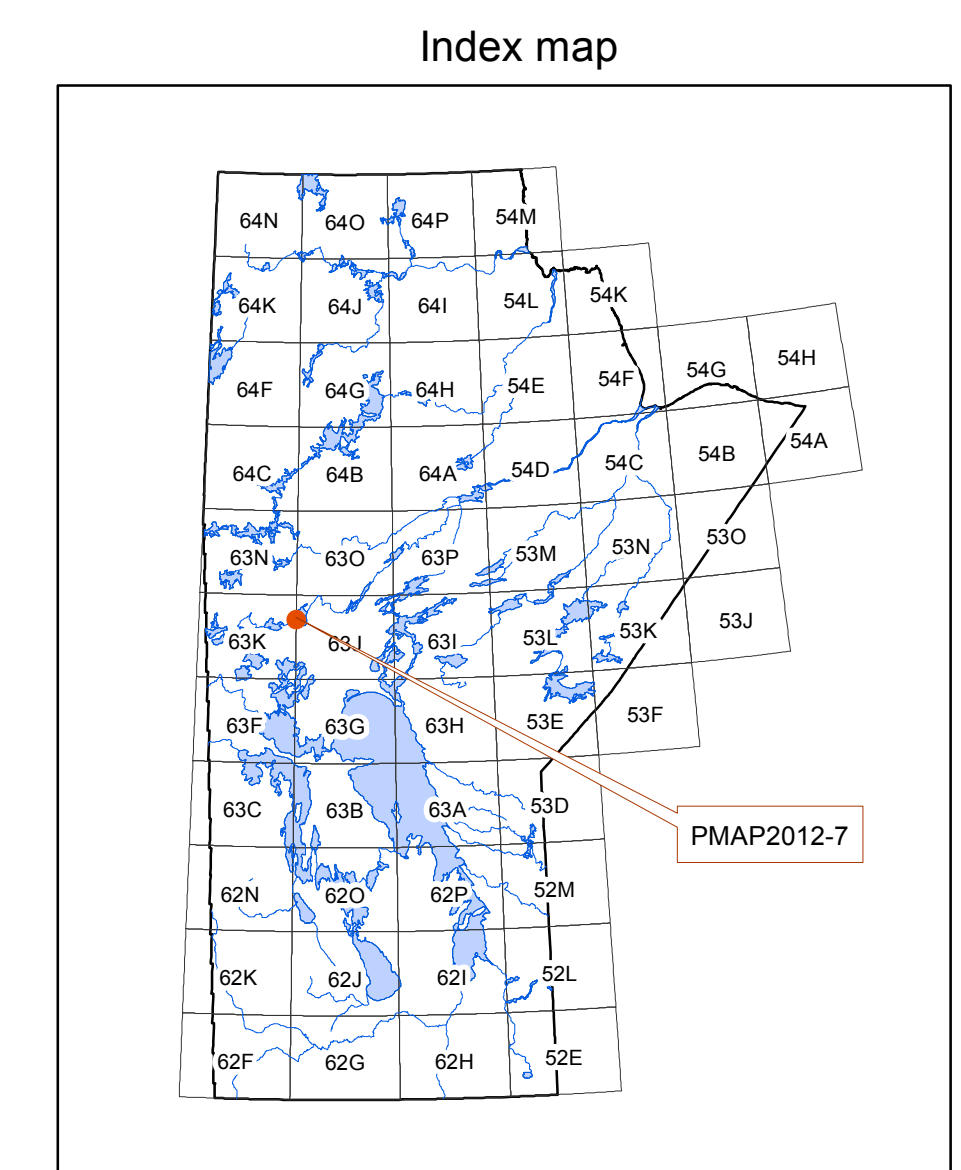
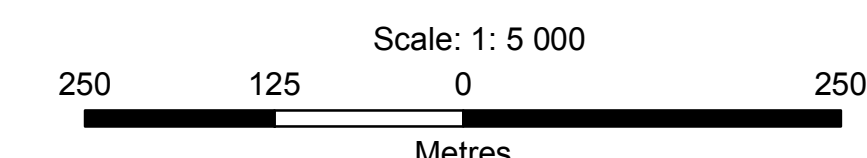


Preliminary Map PMAP2012-7

Preliminary lithostratigraphic map of the McLeod Road-Birch Lake thrust panel, Snow Lake, west-central Manitoba (parts of NTS 63K16, 63J13)

- Legend: 9 Greywacke: staurolite-garnet-biotite schist; garnet-staurolite-biotite schist; 8 Gabbro: medium to coarse grained; plagioclase-phryic to pyroxene-phryic; moderately lineated, with phaneritic texture; 7 Mafic volcanoclastic rocks: monolithic pyroxene- and plagioclase-phryic lapillstone to tuff breccias, pyroxene-phryic pillowed flows; 6 Felsic volcanic rocks: aphyric felsic flows with locally quartz filled amygdules; 5 Mafic volcanic and volcanoclastic rocks: heterolithic plagioclase- and pyroxene-phryic lapilli tuff to lapillstone to tuff breccia, minor plagioclase-phryic pillowed flows; 4 Felsic volcanic and volcanoclastic rocks: plagioclase-phryic flows and flow-top breccias; 3 Felsic volcanic and volcanoclastic rocks: monolithic to heterolithic quartz and plagioclase-phryic lapillstone to tuff breccia with minor aphyric to plagioclase-phryic mafic clasts, amygdaloidal plagioclase-phryic flows; plagioclase-phryic lapilli tuff to lapillstone with wispy flattened lapilli; 2 Felsic volcanoclastic rocks: predominantly quartz and plagioclase-phryic lapillstone to tuff breccia and minor aphyric to plagioclase-phryic sills/flows; 1 Mafic volcanoclastic rocks: heterolithic pyroxene- and plagioclase-phryic lapillstone to tuff breccia

- Symbols: Planar structures: Bedding: tops unknown; Dike; Foliation: generation unknown, 1, 2, 3; Joint; Shear bands, sinistral: generation unknown, 1; Vein; Linear structures: Fold axis: generation unknown, 3; Fold axial plane: generation unknown, 1; Intersection lineation: generation unknown; L-fabric: generation unknown, 1, 2; L-fabric: mineral lineation; Synform; Antiform; Limit of mapping; Mine shaft; Outcrop; Fault; Thrust fault; Powerline; Trail; Road; Tailings pond



Geology by: K.E. Rubingh, B. Lafrance, H.L. Gibson and S. Gagné

Cartography by: M. Timcoe. 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: Rubingh, K.E., Lafrance, B., Gibson, H.L., and Gagné, S. 2012. Preliminary lithostratigraphic map of the McLeod Road-Birch Lake thrust panel, Snow Lake, west-central Manitoba (parts of NTS 63K16, 63J13); Manitoba Innovation, Energy and Mines, Manitoba Geological Survey, Preliminary Map PMAP2012-7, scale 1:5000.

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