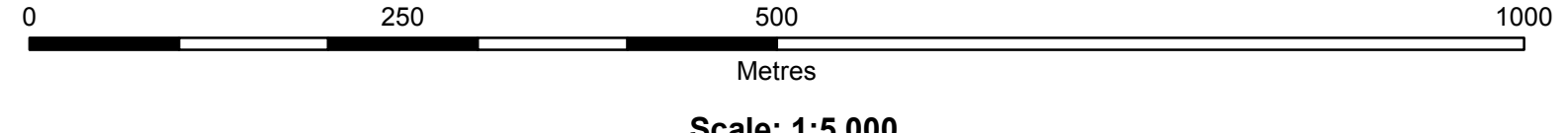


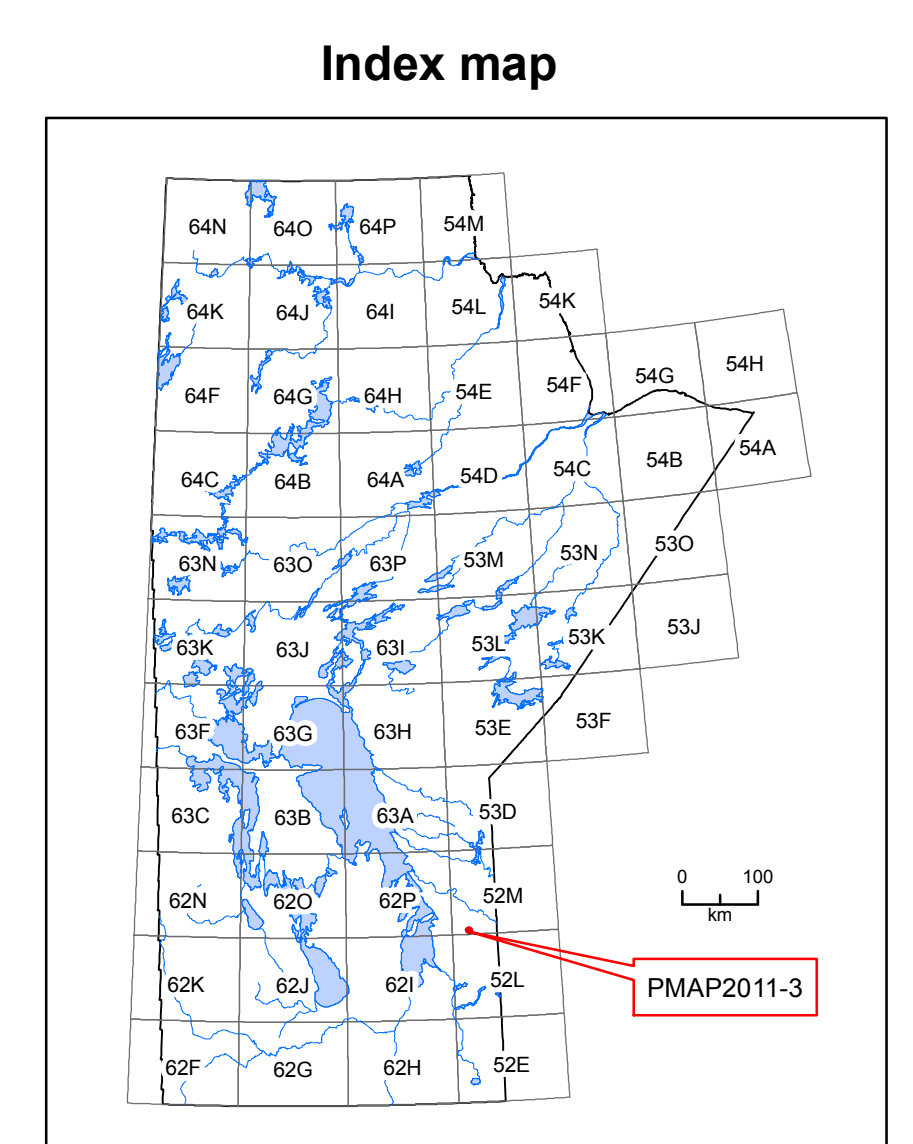
31000 UTM Zone 15 NAD 83 312000 314000 316000 318000 320000 95°40'0"W 95°38'0"W



- Legend**
- Round Lake unit**
- 12 Quartz-feldspar porphyry
 - 11 Diorite, quartz diorite
 - a) Aphyric
 - b) Plagioclase-quartz phytic
 - c) Plagioclase-hornblende-quartz phytic
 - 10 Volcanic conglomerate, generally stratified, with minor volcanic sandstone
 - a) Mostly derived from aphyric andesite
 - b) Abundant clasts of plagioclase-phyric andesite
 - c) Abundant clasts of aphyric basalt
 - d) Basaltic lapilli-tuff
 - e) Abundant clasts of hornblende-plagioclase-phyric andesite
 - 9 Gabbro; equigranular
 - a) Fine grained
 - b) Medium grained
- Townsite unit**
- Townsite dacite**
- 8 Intermediate to felsic volcaniclastic rocks; monolithologic; coarse plagioclase crystals (hornblende-quartz)
 - a) Crystal-lithic lapilli tuff; massive to crudely stratified
 - b) Breccia, tuff breccia; massive to crudely stratified; minor volcanic sandstone
 - c) Interbedded volcanic conglomerate and volcanic sandstone
- Shoreline basalt**
- 7 Basalt and basaltic-andesite flows; generally aphyric and amygdaloidal
 - a) Massive
 - b) Pillowed
 - c) Brecciated
 - 6 Mafic volcanoclastic rocks; monolithologic
 - a) Thin-bedded tuff and lapilli tuff
 - b) Lapilli tuff, lapillistone
 - c) Breccia, tuff breccia

- SAM unit**
- 5 Gabbro; generally equigranular; locally amygdaloidal
 - a) Melanocratic
 - b) Mesocratic
 - c) Leucocratic
- Hares Island formation**
- 4 Felsic volcanic conglomerate; heterolithologic
 - a) Stratified; minor volcanic sandstone
 - b) Massive
 - 3 Felsic volcanic sandstone
 - a) Bedded; minor pebble conglomerate and mudstone
 - b) Massive
- Rainy Lake Road unit**
- 2 Basalt flows; aphyric, sparsely amygdaloidal
 - a) Pillowed; minor flow-breccia
 - b) Includes irregular basalt dikes
 - 1 Gabbro; equigranular

- Symbols**
- Bedding: tops unknown, tops known
 - Dike
 - G3 planar shape fabric, foliation (S3)
 - G3 linear shape fabric (L3)
 - G3 shear: movement sense unknown, dextral, sinistral
 - Quartz vein
 - G4 crenulation cleavage (S4)
 - G5 shear-band cleavage (S5)
 - G6 crenulation cleavage (S6)
 - Ankerite-sericite alteration
 - Station location
 - Portal
 - 1 Hinge
 - 2 007
 - 3 SG1
 - Trench
 - Shaft
 - 1 Albany
 - 2 Big Four
 - 3 Emperor
 - 4 Gabrielle No. 1
 - 5 Gabrielle No. 2
 - 6 Gabrielle No. 3
 - 7 Goldfield (Wingold)
 - 8 Gold Cup
 - 9 Gold Standard
 - 10 San Antonio No. 1
 - 11 San Antonio No. 2
 - 12 San Antonio No. 3 (A-shaft)
 - 13 San Norm
 - Contact: approximate, underwater
 - Limit of mapping
 - Outcrop
 - Shear zones, faults
 - LIDAR lineaments
 - Powerline
 - Road: major, secondary



Preliminary Map PMAP2011-3

Geology and structure of the Rice Lake mine trend, Rice Lake greenstone belt, southeastern Manitoba (part of NTS 52M4)

Geology by: S.D. Anderson

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.

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