



Snow Lake VMS: an investigation of the metamorphism of selected VMS deposits

Chisel North

- PALEOPROTEROZOIC LATE INTRUSIVE ROCKS**
- Pegmatite
- L4 Undifferentiated
- SEDIMENTARY, VOLCANIC AND HYPABYSSAL INTRUSIVE ROCKS**
- MISSI GROUP**
- M5b Rhyolite to dacite
- M5b K-feldspar-bearing fine grained felsic gneiss
- M3g Sandstone, siltstone, mudstone and derived gneiss
- M3g Quartzofeldspathic gneiss, locally interlayered amphibolite
- M3i Quartzofeldspathic migmatite
- BURNTWOOD GROUP**
- B1a Graphitic greywacke, derived gneisses and migmatites
- B1b Garnet-biotite gneiss ± sillimanite or andalusite, local staurolite, biotite gneiss
- B1c Garnet-biotite
- ROCKS OF UNCERTAIN AGE**
- W6a Tectonite, phyllonite, mylonite
- INTRUSIVE ROCKS**
- P7a Granodiorite to tonalite
- P7a Granodiorite
- P7e Foliated and gneissic granodiorite to tonalite
- P5b Quartz diorite to diorite
- P5b Compositionally layered gabbro
- P3a Gabbro, diorite, quartz diorite and derived amphibolite
- P3b Gabbro, diorite
- P3c Quartz ferrodiorite, ferrotonalite, leucotonalite
- P2a Gabbro, diorite, quartz diorite and derived amphibolite
- P2c Diorite
- P2d Quartz diorite and gabbro
- P2i Amphibolite
- P1a Ultramafic rocks
- P1a Pyroxenite, melagabbro
- VOLCANIC, INTRUSIVE AND SEDIMENTARY ROCKS**
- JUVENILE ARC**
- J14a Tonalitic gneiss
- J14b Granodioritic gneiss
- J14c Amphibolite
- Hypabyssal intrusions**
- J13c Rhyolite, dacite, quartz porphyry, feldspar porphyry, quartz-feldspar porphyry
- J12c Tonalite to granodiorite, granite
- J12c Tonalite, quartz diorite
- J11a Gabbro, diorite, diabase
- J11a Diorite, gabbro
- Volcaniclastic rocks, calc-silicate rocks**
- J9a Volcanic conglomerate
- Felsic volcaniclastic rocks**
- J7 Undifferentiated
- J7b Dacite tuff, lapilli tuff
- Mafic volcaniclastic rocks**
- J5a Resedimented mafic tuff, lapilli tuff, breccia; mafic wacke
- J5b Pillow fragment breccia
- J5c Heterolithic breccia, dominantly mafic fragments
- Rhyolite to dacite (flows, flow breccia)**
- J4a Rhyolite to dacite flows, flow breccia
- J4b Felsic
- Andesite (pillowed and massive flows)**
- J3a Andesite; derived fine grained garnetiferous amphibolite
- Arc-rift basalt (pillowed and massive flows; related sill)**
- J2b Basalt, synvolcanic dykes and sills
- Basalt, basaltic andesite (pillowed and massive flows)**
- J1a Tholeiitic basalt, basaltic andesite; gabbro; derived amphibolite
- J1c Boninite
- J1d Basalt, basaltic andesite (geochemical affinity unknown); derived amphibolite
- J1e Layered to uniform amphibolite (geochemical affinity unknown)
- UNKNOWN GEOCHEMICAL AFFINITY**
- U1a Mafic volcanic and volcaniclastic rocks, hypabyssal intrusive rocks

