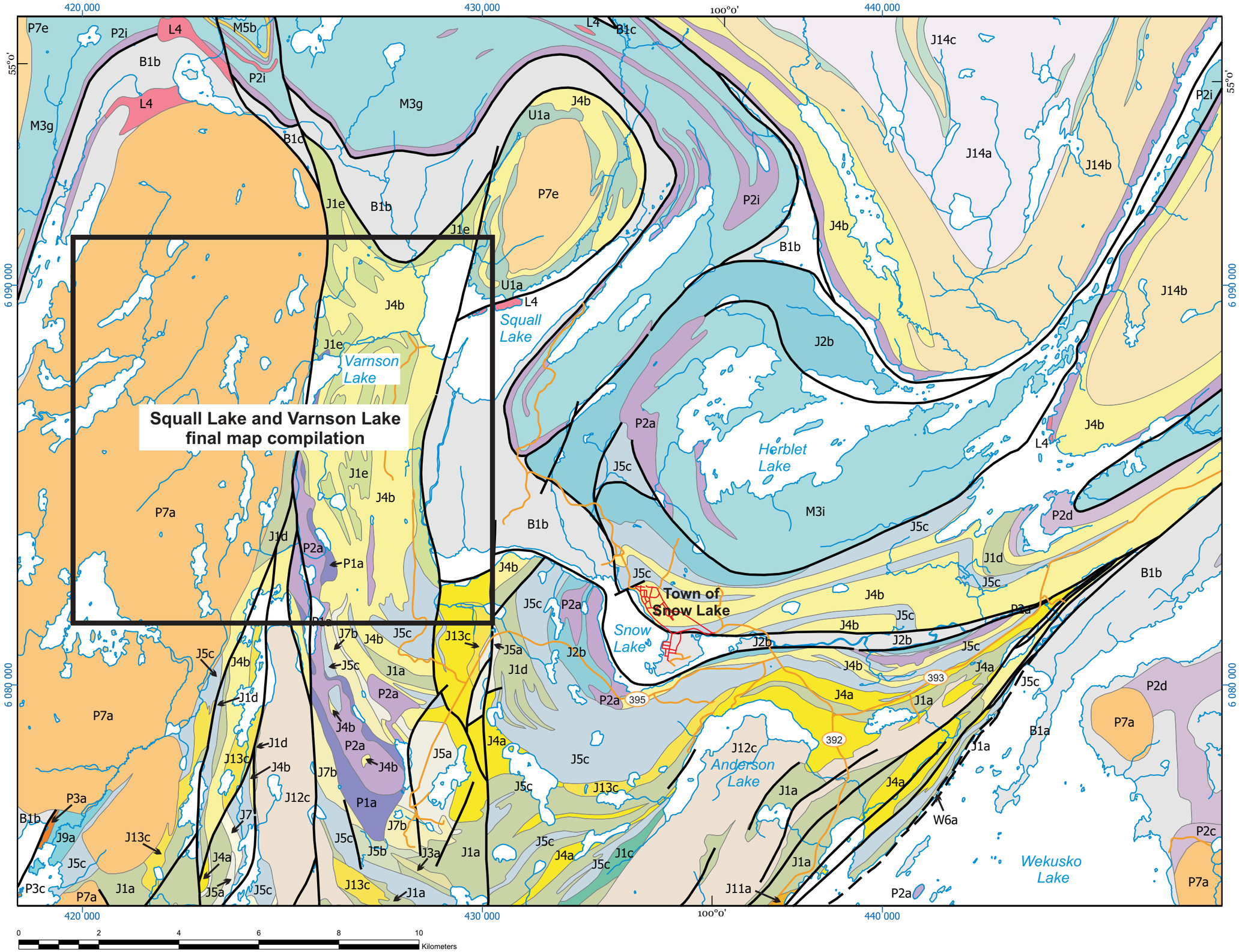

PALEOPROTEROZOIC
LATE INTRUSIVE ROCKS
Pegmatite
- L4 Undifferentiated

SEDIMENTARY, VOLCANIC AND HYPABYSSAL INTRUSIVE ROCKS
MISSI GROUP
Rhyolite to dacite
- M5b K-feldspar-bearing fine grained felsic gneiss

Sandstone, siltstone, mudstone and derived gneiss
- M3g Quartzofeldspathic gneiss, locally interlayered amphibolite
- M3i Quartzofeldspathic migmatite

BURNTWOOD GROUP
Graphitic greywacke, derived gneisses and migmatites
- B1a Greywacke, siltstone, mudstone
- B1b Garnet-biotite gneiss ± sillimanite or andalusite, local staurolite, biotite gneiss
- B1c Garnet-biotite

ROCKS OF UNCERTAIN AGE
Tectonite, phyllonite, mylonite
- W6a Mafic tectonite, phyllonite, mylonite

INTRUSIVE ROCKS
Granodiorite to tonalite
- P7a Granodiorite
- P7e Foliated and gneissic granodiorite to tonalite

Quartz diorite to diorite, granodiorite
- P5b Quartz diorite to diorite

Compositionally layered gabbro
- P3a Gabbronorite, gabbro
- P3b Ferrogabbro
- P3c Quartz ferrodiorite, ferrotonalite, leucotonalite

Gabbro, diorite, quartz diorite and derived amphibolite
- P2a Gabbro, diorite
- P2c Diorite
- P2d Quartz diorite and gabbro
- P2i Amphibolite

Ultramafic rocks
- P1a Pyroxenite, melagabbro

VOLCANIC, INTRUSIVE AND SEDIMENTARY ROCKS
JUVENILE ARC
Orthogneiss
- J14a Tonalitic gneiss
- J14b Granodioritic gneiss
- J14c Amphibolite

Hypabyssal intrusions
- J13c Rhyolite, dacite; quartz porphyry, feldspar porphyry, quartz-feldspar porphyry

Tonalite to granodiorite, granite
- J12c Tonalite, quartz diorite

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 Heterolithologic 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
Mafic volcanic, minor volcaniclastic and intrusive rocks
- U1a Mafic volcanic and volcaniclastic rocks, hypabyssal intrusive rocks