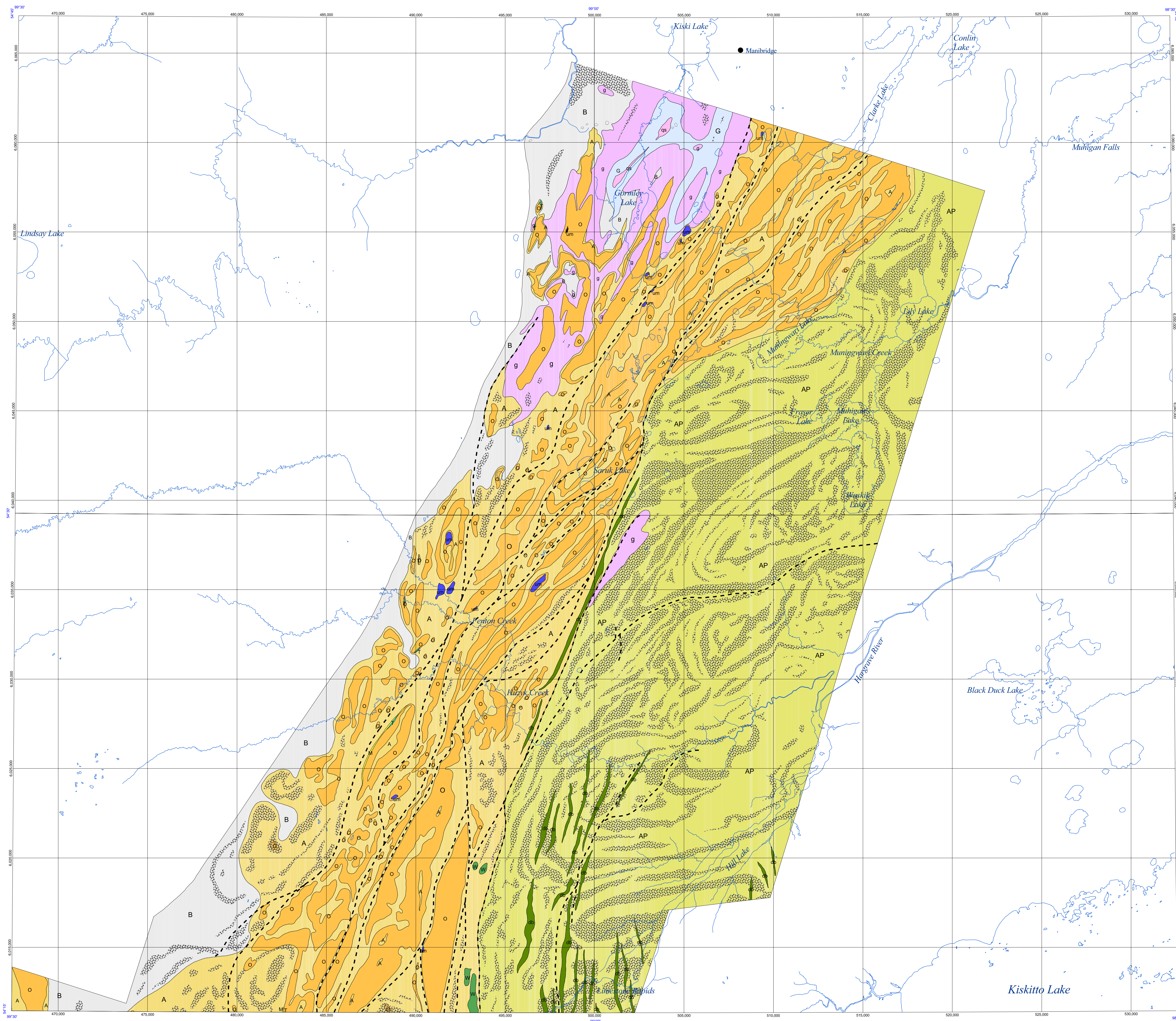




INTRUSIVE ROCKS, ORTHOGNEISS

- | | |
|-----------|--|
| gs | Metadiabase or metabasalt dykes. In Or A, usually being to Molson dyke swarm |
| pg | Peegmatite |
| g | Granite, granitoid rocks |
| bs | Biotite granite |
| qz | Quartz syenite |
| gb | Metagabbro, usually associated with am or occurring as subvolcanic sills |
| am | Dunite (serpentinized), metapsidelite, metapropylene, serpentinite, deeply ultramafic schist; usually as sills in Oraganian sequence |
| G | GRASS RIVER GROUP, undivided; mainly magnetite-bearing paragneiss; locally hornblende, biotite, garnet or sillimanite-bearing; laminated; thyrillite layer; in places cross-bedded, pebbly; migmatitized; minor intercalations of felsic metavolcanic rocks |
| B | BURNED GROUND GROUP, undivided; greywacke-mudstone; metadiabase, garnet- and graphite-enriched, locally cordierite-sillimanite-bearing; includes derivatived migmatite |
| W | WNNPEGOSS BELT ASSEMBLAGE, undivided; ultramafic to mafic volcanic rocks, rhyolite, rhyolite, locally olivine or clinopyroxene spinifex-textured, aphritic to spinifex texture common; pillowed flows; some dykes; includes sub-greenschist facies thyrillite layer; highly siliceous siltstone and calcareous siltstone |
| O | OSPWAGAN GROUP / SUPRACRUSTAL ROCKS, undivided; a sequence of schist, chemical and metavolcanic rocks belonging to M, T, P, S Formations and B's assemblage. If M Formation is correct, then areas of undivided Oraganian group are defined solely on the basis of geological structure. In addition, the sequence might be much narrower than shown by the contacts. In some instances, Oraganian Group might not be present and the magnetic anomalies are reflection of increased magnetite content in basement only. |
| Ba | Bak Lake, massive, undivided; metabasaltic flows, pillowed or massive, local breccia; amphibole and magnetite-bearing; diabase subvolcanic sills; picrite sills; minor interflow chert, iron formation, volcanogenic sediment. |
| pp | Picrite, massive or porphyroblastite |
| S | Setting Formation, undivided; felsophic quartzite and metapelite interlayered in varying proportions in a metabasaltic sequence |
| P | Pipe Formation, undivided; a sequence of sulphide, silicate and oxide iron formations, sulphide; chert; metapelite; minor dolomite marble, calc-silicate; near the base: sandstone + pelitic metapelite |
| dm | Dolomite marble intercalation enclosed in silicate facies iron formation of P3 |
| ox | Iron formation, oxide facies, found only in P3 |
| si | In formation, silicate facies, stratigraphic position unknown unless determined by its host P1 or P3 |
| su | Iron formation, sulphidic facies, stratigraphic position unknown unless determined by its host P1 or P2 |
| | Iron formation, facies unspecified, stratigraphic position unknown |
| T | Thompson Formation, undivided; marble or marble, layered, varied in composition and texture; olive - phlogopite - diopside marbles, coarse grained |
| M | Musamus Formation, undivided; basal chert blocks metacarbonate; sandstone, minor shale, graded beds, firing uplayers; semipelite schist, rhythmically layered, calc-silicate layer near the top; pegmatite segregations in high grade metamorphic derivatives |
| A | ARCHAEN BASEMENT MIGMATITE - GNEISS, undivided, retrogressed, leucocratic to dioritic in composition, host to distinct bodies of orthogneiss (1 to 6), ages uncertain |
| 6 | Biotite garnet orthogneiss |
| AP | ARCHAEN PIKITIONED GRANULITE-ULTRAMAFIC, undivided, leucocratic to melanocratic magmatic and felsic, orthopyroxene-bearing |

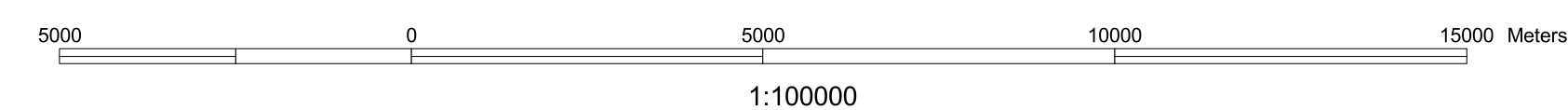
	Fault
	Structural gradient
	Outcrop
	Contact

Ba	
S	
P	O
T	
M	
A	

Relation between Archean basement and Oswagan Group.
Younging away from A, upwards.

-  Thompson Formation thinned out on the right and represented by a single line between M and P.

 Manzanar and Thompson Formations thinned out on the right and represented by a single line between M and P.



2001 HB-1 WATERSHED

632/2 BUZZ LAKE	632/1 TERRACE	632/3 HARDYVILLE LAKE
	2001HB-2	2001HB-2
632/4 HARDYVILLE LAKE	632/6 HARDYVILLE LAKE	632/7 BUZZ LAKE
	2001HB-2	2001HB-2
632/8 TERRACE LAKE	632/5 GARDEN LAKE	632/9 ALBANY LAKE
2001HB-1	2001HB-1	2001HB-1

This map is a preliminary representation of the results of a mapping and compilation program. It is not to be regarded as a final interpretation of the geology of the area. The data used in producing this map was transferred from un-rectified airphotos and thus is subject to distortion. No attempt was made to remove this distortion for this preliminary release.

Suggested reference

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