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Geology of the Gladish Lake area (63J/5)



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63F/8 2001FS 2001FS-1 Recommended Citation: This map is a preliminary representation of the results of a mapping and compilation program. It is not to be TNB Geology Working Group regarded as a final interpretation of the geology of the area.

The data used in producing this map was transferred

No attempt was made to remove this distortion for this

preliminary release.

from un-rectified airphotos and thus is subject to distortion.

63F/9

Metadiabase or metagabbro dykes. In O or A, usually belong to Molson dyke swarm

- Metagabbro, usually associated with um or occuring as subvolcanic sills um Dunite (serpentinized), metaperidotite, metapyroxenite, serpentinite, derived ultramafic
- massive, zoned, locally olivine- or clinopyroxene spinifex-textured, aphanitic to ophitic texture common, pillowed flows, hyaloclastite; also includes sub-greenschist facies thinly layered
- If M Formation is not on the map, then areas of undivided Ospwagan group are defined In some instances, Ospwagan Group might not be present and the magnetic anomalies are **Ba** Bah Lake assemblage, undivided; metabasalt flows, pillowed or massive, local breccia; derived amphibolite; metagabbro - diabase subvolcanic sills; picrite sills; minor interflow
- **S** Setting Formation, undivided; feldspathic quartzite and metapelite interlayered in varying proportions in a metaturbidite sequence **P** Pipe Formation, undivided; sequence of sulphide, silicate and oxide facies iron formations, sulphidic; chert; metapelite; minor dolomite marble, calc-silicate; near the top Dolomite marble intercalation enclosed in silicate facies iron formation
 - **si** Iron formation, silicate facies, stratigraphic position unknown unless
- if Iron formation, facies unspecified, stratigraphic position unknown Thompson Formation, undivided; marlstone or marble, layered, varied in composition and texture; olivine - phlogopite - diopside marble, coarse grained M Manasan Formation, undivided; basal clastic rocks; metaconglomerate, sandstone, minor shale, graded beds, fining upwards; semipelite schist, rhythmically layered, calc-silicate layer near the top; pegmatite segregations in high grade metamorphic derivatives
- ARCHEAN PIKWITONEI GRANULITE BASEMENT, undivided; leucocratic to melanocratic

Relation between Archean basement and Ospwagan Group.

1:50000

Manasan and Thompson Formations thinned out on the right

7500 Meters



2001: THOMPSON NICKEL BELT GEOLOGY; Manitoba Geological Survey, Preliminary Map 2001FS-5, Geology of

the Gladish Lake area (63J/5), scale 1 : 50 000.

Map projection: Universal Transverse Mercator, Zone 14, North American Datum 1983.