



LEGEND, LAKE ST. JOSEPH (52O)

Proterozoic

Prm mafic dyke

Archean

- Ay: syenite, monzonite, diorite; may include nepheline syenite
- Agm: muscovite granite, quartz monzonite (may contain garnet, cordierite)
- Ag: biotite + hornblende granite, quartz monzonite
- Agdp: porphyritic (K-feldspar) granodiorite
- Agd: granodiorite, quartz monzonite
- Atn: tonalite to granodiorite gneiss
- Aif: foliated tonalite to granodiorite
- At: tonalite to granodiorite
- Acg: "Timiskaming"-type conglomerate, arkose, arenite, wacke
- Aw: wacke, argillite, siltstone
- Aif: iron formation
- Ab: mafic intrusive rocks: gabbro, diorite - may include alkaline gabbro
- Anm: mafic gneiss, amphibolite
- Ava: felsic to intermediate volcanic rocks: dacite, rhyolite - may include some andesite and hypabyssal intrusions ("Keewatin"-type volcanics in Wawa, Wabigoon belts)
- Avi: intermediate to felsic volcanic rocks: andesite, dacite, may include some mafic compositions ("Keewatin"-type volcanics in Wawa, Wabigoon belts)
- Avb: mafic to intermediate volcanic rocks: basalt, andesite, minor peridotitic komatiite; may include some mafic intrusions ("Keewatin"-type volcanics in Wawa, Wabigoon belts)

Reference to this map should be made in the following form:
 Percival, J.A., 1987, Geological compilation of Lake St. Joseph (52O), Geological Survey of Canada Open File Map 1493

Compilation Sources, Lake St. Joseph (52O)

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- Stott, G.M. and Wallace, H., 1984, Regional stratigraphy and structure of the central Uchi subprovince; Meen Lake - Kasagiminnis Lake and Pashkokogan Lake sections, in Summary of Field Work, 1984, Ontario Geological Survey Miscellaneous Paper 119, p. 7-13.
- Wallace, H., 1983, Geology of the Ferdinand Lake area, District of Kenora, Ontario Geological Survey Miscellaneous Paper 109, 10 p.
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LAKE ST JOSEPH
 ONTARIO

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 loose surface, dry weather, de gravier, temps sec, 2 lanes or plus, 2 lanes or plus, 2 lanes or plus
 cart track, de terre, 2 lanes or plus, 2 lanes or plus, 2 lanes or plus
 trail, caribou or portage, sentier, portage ou portage, 2 lanes or plus, 2 lanes or plus, 2 lanes or plus

FOR COMPLETE REFERENCE SEE REVERSE SIDE. POUR UNE LISE COMPLETE DES SIGNES, VOIR AU VERSO

Scale 1:250,000 Échelle
 Miles 0 5 10 15 20
 Kilometres 0 5 10 15 20 25 30

Magnetic declination 1979 varies from 2°34' westerly at
 centre of west edge to 0°29' westerly at centre of east edge.
 Mean annual change decreasing 2'

La déclinaison magnétique pour 1979 varie de 2°34' est
 au centre de la limite ouest à 0°29' est au centre de la
 limite est. Variation moyenne annuelle décroissante 2'

Édité par la DIRECTION DES LÈVES ET DE LA CARTOGRAPHIE,
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CONVERSION SCALE FOR ELEVATIONS
 Feet 100 200 300 400 500 600 700 800 900 1000
 Meters 30 20 10 0 10 20 30 40 50 60 70 80 90 100

ÉCHELLE DE CONVERSION DES ALTITUDES
 Pieds 100 200 300 400 500 600 700 800 900 1000
 Mètres 30 20 10 0 10 20 30 40 50 60 70 80 90 100

52	53	54
52.0	52.1	52.2
52.3	52.4	52.5
52.6	52.7	52.8
52.9	53.0	53.1