



**LEGEND, CARROLL LAKE (52M)**

Archean

- Ag: syenite, monzonite, diorite; may include nepheline syenite
- Agd: biotite ± hornblende granite, quartz monzonite
- Agdf: foliated granodiorite
- Agdp: porphyritic (K-feldspar) granodiorite
- Agdn: granodiorite, quartz monzonite
- Atn: tonalite to granodiorite gneiss
- Atf: foliated tonalite to granodiorite
- At: tonalite to granodiorite
- Agc: "Timiskaming"-type conglomerate, arkose, arenite, wacke
- Ap: paragneiss: biotite-quartz-plagioclase schist with granitic leucosome
- Aw: wacke, argillite, siltstone
- Ab: mafic intrusive rocks: gabbro, diorite - may include alkaline gabbro
- Anm: mafic gneiss, amphibolite
- Au: ultramafic intrusive rocks: peridotite, pyroxenite, serpentinite
- 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 Carroll Lake (52M), Geological Survey of Canada Open File Map 1491

**Compilation Sources, Carroll Lake (52M)**

Ayres, L.D., Raudsepp, M., Averill, S.A., and Edwards, G.R., 1972, Favourable Lake - Berens Lake, Ontario Division of Mines Compilation Series Map 2262, scale: 1:253,440.

Ferguson, S.A., Brown, D.D., Davies, J.C. and Pryslak, A.P., 1968, Red Lake - Birch Lake Sheet, Ontario Department of Mines Compilation Series Map 2173, scale: 1:253,440.

Manitoba Mineral Resources Division, 1979, Geological Map of Manitoba, map 79-2, scale: 1:1,000,000.

Percival, J.A. and Stern, R.A., 1984, Geological synthesis in the western Superior Province, Ontario, in Current Research, Part A, Geological Survey of Canada Paper 84-1A, p. 397-408.

Thurston, P.C. and Bartlett, J.R., 1987, Red Lake Sheet, Kenora District, Ontario Geological Survey Compilation Series Map p. 2385, scale: 1:126,720.

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**1491**  
 GEOLOGICAL SURVEY OF CANADA  
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 1987

**CARROLL LAKE**  
 ONTARIO-MANITOBA

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Cartes produites par le BUREAU DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Élaborées à partir de cartes à l'échelle de 1:250 000. L'information est à jour au 31 mars 1987.

1979 Her Majesty the Queen in Right of Canada - Department of Energy, Mines and Resources.

1979 Sa Majesté La Reine du Chef du Canada - Ministère de l'Énergie, des Mines et des Ressources.

Scale 1:250,000 Échelle

CONVERSION TABLE FOR ELEVATIONS / ÉCHELLE DE CONVERSION DES ÉLEVATIONS

Contour Interval 20 Metres / Élévation en mètres au-dessus du niveau moyen de la mer

Contour Interval 20 Metres / Élévation en mètres au-dessus du niveau moyen de la mer

1970