



LEGEND, SIOUX LOOKOUT (52J)

- Neo-Helikian  
 Nbl: Logan diabase; gabbro sills and dykes
- Archean  
 Ay: syenite, monzonite, diorite; may include nepheline syenite  
 Agp: porphyritic (K-feldspar) granite, quartz monzonite  
 Ag: biotite + hornblende granite, quartz monzonite  
 Agd: granodiorite, quartz monzonite  
 Atn: tonalite to granodiorite gneiss  
 Aft: foliated tonalite to granodiorite  
 At: tonalite to granodiorite  
 Ap: paragneiss: biotite-quartz-plagioclase schist with granitic leucosome  
 Aif: iron formation  
 Acg: "Timiskaming"-type conglomerate, arkose, arenite, wacke  
 Aw: wacke, argillite, siltstone  
 Ab: mafic intrusive rocks: gabbro, diorite - may include alkaline gabbro  
 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 Sioux Lookout (52J), Geological Survey of Canada Open File Map 1488

Compilation Sources, Sioux Lookout (52J)

- Bond, W.D., 1980, Geology of the Houghton - Hough Lake area (Savant Lake area) Ontario Geological Survey Report 195, 112 p.
- Breaks, F.W., 1979, Sioux Lookout - Armstrong Sheet, Ontario Geological Survey Compilation Series Map 2442, scale: 1:253,440.
- Percival, J.A., 1983, Preliminary results of geological synthesis in the western Superior Province in Current Research, Part A, Geological Survey of Canada Paper 83-1A, p. 125-131.
- Stott, G.M., 1985, Regional stratigraphy and structure of the Lake St. Joseph area, central Uchi subprovince, in Summary of Field Work, 1985, Ontario Geological Survey Miscellaneous Paper 126, p. 17-22.
- Stott, G.M. and Wallace, M., 1984, Regional stratigraphy and structure of the central Uchi subprovince: Meen Lake - Kaaogiminnis Lake and Pashokogan Lake section, in Summary of Field Work, 1984, Ontario Geological Survey Miscellaneous Paper 119, p. 7-13.
- Trowell, N.F., 1981, Geology of the Beckington Lake area, District of Thunder Bay, Ontario Geology Survey Report 200, 62 p.
- Trowell, N.F., 1983, Geology of the Squaw Lake - Sturgeon Lake area, District of Thunder Bay, Ontario Geological Survey Report 227, 114 p.

SIOUX LOOKOUT  
 ONTARIO

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Scaled from 1:50,000 maps. Information current as shown in diagram.

Scale 1:250,000 Échelle

Contour Interval: 50 Metres / Elevations in Metres above Mean Sea Level

Scale 1:250,000 Échelle

Équidistance des courbes: 50 mètres / Elevations en mètres au-dessus du niveau moyen de la mer

Scale 1:250,000 Échelle

Équidistance des courbes: 50 mètres / Elevations en mètres au-dessus du niveau moyen de la mer

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