



LEGEND, NIPIGON (52H)

- Neo-Helikian
 - Nbl: Logan diabase; gabbro sills and dykes
 - Nu: ultramafic dykes
- Paleo-Helikian
 - Prbs: Sibley Group: "red-beds": shale, chert granite (English Bay prophyry)
- Archean
 - Ay: syenite, monzonite, diorite; may include nepheline syenite
 - Agm: muscovite granite, quartz monzonite (may contain garnet, cordierite)
 - Ag: biotite + hornblende granite, quartz monzonite
 - Agd: foliated granodiorite
 - Agd: granodiorite, quartz monzonite
 - Atn: tonalite to granodiorite gneiss
 - Atf: foliated tonalite to granodiorite
 - At: tonalite to granodiorite
 - Ab: mafic intrusive rocks: gabbro, diorite - may include alkaline gabbro
 - Au: ultramafic intrusive rocks: peridotite, pyroxenite, serpentine
 - Aw: "Timiskaming"-type conglomerate, arkose, arenite, wacke
 - Aw: wacke, argillite, siltstone
 - Agm: mafic gneiss, amphibolite
 - Agm: felsic to intermediate volcanic rocks: dacite, rhyolite - may include some andesite and hypabyssal intrusions ("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 Nipigon (52H), Geological Survey of Canada Open File Map 1486

Compilation Sources, Nipigon (52H)

- Breaks, F.W., 1979, Sioux Lookout - Armstrong Sheet, Ontario Geological Survey, Compilation Series Map 2442, scale: 1:253,440.
- Carter, M.W., McIlwaine, W.H., and Wisbey, P.A., 1972, Nipigon - Schreiber Sheet, Ontario Department of Mines and Geological Compilation Series Map 2232, scale: 1:253,440.
- Kresz, D.U. and Zayachivsky, B., 1986, Barbara, Meader and Pifer Townships, District of Thunder Bay, in Summary of Field Work, 1986, Ontario Geological Survey, Miscellaneous Paper, 132, p. 90-94.
- 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.
- Pye, E.G. and Fenwick, K.G., 1964, Atikokan - Lakehead Sheet, Ontario Department of Mines Map 2065, scale: 1:253,440.
- Pye, E.G., Harris, F.R., Fenwick, K.G., and Baillie, J., 1965, Tashota-Geraldton Sheet, Ontario Department of Mines Map 2102, scale 1:253,440.
- Stott, G.M., 1984, Lake Nipigon Sheet, Thunder Bay District, Ontario Geological Survey Map P. 257 (Rev.), scale 1:126,720.
- Sutcliffe, R.H., 1982, Precambrian geology of the Wabigoon - Quetico subprovince boundary, Thunder Bay District, Ontario Geological Survey Maps P. 2520, P. 2529, P. 2530, P. 2531, scale: 1:50,000.
- Sutcliffe, R.H. and Greenwood, R.C., 1985, Precambrian geology of the Lake Nipigon area, District of Thunder Bay, Ontario Geological Survey Maps P. 2838, P. 2839, scale: 1:50,000.

NIPIGON THUNDER BAY DISTRICT ONTARIO

Scale 1:250 000 Échelle

