

REFERENCES

Averitt, S.A., Ayers, L.D., Edwards, G.R., and Raudsepp, M.
 1973: Favourable Lake - Beena Lake, Patricia Kenora District, Ontario. Ontario Division of Mines, Geological Compilation Series, Map 282, scale 1:253 440.

Ayres, L.D.
 1966a: Rotenfish River sheet, Kenora District, Ontario. Ontario Department of Mines, Map 2165, scale 1:63 360.
 1966b: Sandhill Crane Island sheet, Kenora District, Ontario. Ontario Department of Mines, Map 2165, scale 1:63 360.
 1966c: Axe Lake sheet, Kenora District, Ontario. Ontario Department of Mines, Map 2164, scale 1:63 360.
 1966d: Munkun Lake sheet, Kenora District, Ontario. Ontario Department of Mines, Map 2165, scale 1:63 360.

Ayres, L.D.
 1973: Trout Lakes, Patricia Kenora District, Ontario. Ontario Division of Mines, Map 2270, scale 1:31 680.

Ayres, L.D.
 1974: Geology of the Trout Lakes area, District of Kenora. Ontario Division of Mines, Geological Report 113.

Ayres, L.D.
 1977: Importance of stratigraphy in Early Proterozoic volcanic terranes: cyclic volcanism at Settling Net Lake, northwestern Ontario. In: Volcanic Regimes in Canada, W.R.A. Basgar, L.C. Coleman, and J.M. Hall (eds.), Geological Association of Canada, Special Paper 16, p. 243-264.

Ayres, L.D.
 1978: Metamorphism in the Superior Province of northwestern Ontario and its relationship to crustal development. In: Metamorphism in the Canadian Shield, J.A. Fraser and W.W. Heywood (eds.), Geological Survey of Canada, Paper 78-10, p. 25-36.

Ayres, L.D., Bennett, G., and Riley, R.A.
 1969: Geology and mineral possibilities in northern Patricia District, Ontario. Ontario Department of Mines, Miscellaneous Paper 28.

Basgar, W.R.A. and Scotese, R.F.J.
 1981: The Circum-Superior Belt: A Proterozoic plate margin? In: Precambrian plate tectonics, A. Kroner, (ed.), Elsevier, Amsterdam, p. 287-330.

Barry, O.S.
 1961: Geology of the Gods Narrows area, Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 60-1 (includes map, scale 1:63 360).
 1962: Geology of the Munro Lake area, Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 61-1 (includes map, scale 1:63 360).
 1964: Geology of the Parker Lake area, Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 62-1 (includes map, scale 1:63 360).

Bennett, G., Davies, J.C., and Riley, R.A.
 1969: Stull Lake - Sandy Lake sheet, Kenora District, Ontario. Ontario Department of Mines, Geological Compilation Series, Map 2178, scale 1:253 440.

Bennett, G. and Riley, R.A.
 1969: Swan Lake - Sachigo River sheet, Kenora District, Ontario. Ontario Department of Mines, Geological Compilation Series, Map 2177, scale 1:253 440.

Bennett, G., Riley, R.A., Sage, R.P., Siragusa, G.M., and Thurston, P.C.
 1974: Big Trout Lake - North Cariboo Lake sheet, Patricia Kenora District, Ontario. Ontario Division of Mines, Geological Compilation Series, Map 2292, scale 1:253 440.

Braks, F.W., Sage, R.P., and Troup, W.R.
 1976: Cat Lake - Picket Lake sheet, NTS 52PW, 52-O, 53A/SW and 53BS, Patricia Kenora and Thunder Bay Districts, Ontario. Ontario Department of Mines and Northern Affairs, Geological Compilation Series, Map 2218, scale 1:253 440.

Card, K.D.
 1990: A review of the Superior Province of the Canadian Shield, a product of Archean accretion. Precambrian Research, v. 49, p. 99-156.

Card, K.D. and Ouellet, A.
 1988: DNAG 11: Subdivisions of the Superior Province of the Canadian Shield. Geoscience Canada, v. 13, p. 5-13.

Carruthers, C.A.
 1961: North Cariboo Lake, Ontario. Geological Survey of Canada, Preliminary Map 18-1961, scale 1:253 440.

Corfu, F. and Ayres, L.D.
 1984: U-Pb age and genetic significance of heterogeneous zircon populations in rocks from the Favourable Lake area, northwestern Ontario. Contributions to Mineralogy and Petrology, v. 88, p. 86-101.

Corfu, F. and Ayres, L.D.
 1991: Unravelling the stratigraphy of an Archean greenstone belt: U-Pb geochronological study of the Favourable Lake belt, northwestern Ontario, Canada. Precambrian Research, v. 50, p. 201-220.

Corfu, F., Krogh, T.E., and Ayres, L.D.
 1985: U-Pb zircon and sphene geochronology of a composite Archean granitic batholith, Favourable Lake area, northwestern Ontario. Canadian Journal of Earth Sciences, v. 22, p. 1436-1451.

Corfu, F. and Wood, J.
 1986: U-Pb zircon ages in supracrustal and plutonic rocks, North Spirit Lake area, northwestern Ontario. Canadian Journal of Earth Sciences, v. 23, p. 967-977.

Corkery, M.T., Davis, D.W., and Lenton, P.G.
 1992: Geochronological constraints on the development of the Cross Lake greenstone belt, northwest Superior province, Manitoba. Canadian Journal of Earth Sciences, v. 29, p. 2171-2185.

Corkery, M.T. and Lenton, P.G.
 1989: Cross Lake supracrustal geological investigation. In: Report of Field Activities 1989, Mineral Division, Manitoba Department of Energy and Mines, p. 88-90.

Davis, D.W.
 1989: Interim report on geochronology in the Sachigo Subprovince. Jack Satterly Geochronology Laboratory, Royal Ontario Museum, Toronto, Ontario, 11 p.

Donaldson, J.A.
 1969: Geology, North Spirit Lake, Ontario. Geological Survey of Canada, Map 1201A, scale 1:253 440.

Donaldson, J.A. and Jackson, G.D.
 1965: Archean igneous rocks of the North Spirit Lake area, northwestern Ontario. Canadian Journal of Earth Sciences, v. 2, p. 622-647.

Duffell, S., MacLaren, A.S., and Holman, R.H.C.
 1963: Red Lake - Lansdowne House area, northwestern Ontario. Geological Survey of Canada, Paper 63-05 (includes Preliminary Maps 2-1963 and 3-1963, scale 1:500 000).

Ebers, F.J.
 1972: Paker Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-1, scale 1:31 680.

Ebers, F.J.
 1973: Bolton Lake (north half), Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-10, scale 1:31 680.

Ebers, F.J. and Gilbert, H.P.
 1972a: Semmens Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-4, scale 1:31 680.
 1972b: Munro Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-8, scale 1:31 680.

Ebers, F.J. and Gilbert, H.P.
 1973: Semmens River, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-15, scale 1:31 680.

Ebers, F.J. and Marten, B.E.
 1973a: Joint Lake (north half), Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-11, scale 1:31 680.
 1973b: Knochuan Rapids, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-12, scale 1:31 680.

Emanovics, I.F.
 1970: Geology of Berens River - Deer Lake map area, Manitoba and Ontario and a preliminary analysis of tectonic variations in the area. Geological Survey of Canada, Paper 70-29 (includes Preliminary Map 11-1970, scale 1:250 000).

Emanovics, I.F. and Wanless, R.K.
 1983: Isotopic age studies and tectonic interpretation of Superior Province in Manitoba. Geological Survey of Canada, Paper 82-12.

Gibb, R.A.
 1983: Model for suturing of Superior and Churchill plates: an example of double indentation tectonics. Geology, v. 11, p. 413-417.

Gilbert, H.P.
 1972: Gods Lake S.E., Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-11, scale 1:31 680.

Gilbert, H.P.
 1973a: Malcor Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-5, scale 1:31 680.
 1973b: Gods Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-9, scale 1:31 680.

Gilbert, H.P. and Ebers, F.J.
 1972: Kneel Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-6, scale 1:31 680.

Gilbert, H.P. and Ebers, F.J.
 1973: Gods Lake East, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-6, scale 1:31 680.

Godard, J.D.
 1963: Geology of the Sagawitchewan Bay area, Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 60-2 (includes map, scale 1:63 360).

Goodwin, A.M., Innes, M.J.S., Gibb, R.A., Hall, D.H., MacLaren, A.S., Pettiford, F.J., Norris, A.W., Clifford, P.M., Curran, K.L., Fahng, W.F., Irvine, T.N., Ridler, R.H., Ayres, L.D., Ermannovics, I.F., and Andrews, J.W.
 1972: The Superior Province. In: Variations in tectonic styles in Canada, R.A. Price and R.J.W. Douglas (eds.), Geological Association of Canada, Special Paper 11, p. 538-623.

Green, A.G., Hajnal, Z., and Weber, W.
 1985: An evolutionary model of the western Churchill Province and western margin of the Superior Province in Canada and the north-central United States. Tectonophysics, v. 116, p. 291-322.

Hillary, E.M. and Ayres, L.D.
 1980: Trondhjemic basement enclave near the Archean Favourable Lake volcanic complex, northwestern Ontario, Canada. Canadian Journal of Earth Sciences, v. 17, p. 652-667.

Hubregies, J.J.M.W.
 1973a: Cargill Island, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-3, scale 1:31 680.
 1973b: Windy Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-7, scale 1:31 680.

Hubregies, J.J.M.W.
 1980: The Archean Proterozoic granite domain and its position at the margin of the northwestern Superior Province, central Manitoba. Manitoba Department of Energy and Mines, Mineral Resources Division, GP 80-3.

Hubregies, J.J.M.W. and Gilbert, H.P.
 1973: Oxford House, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-4, scale 1:31 680.

Hudco, P.P.
 1984: Big Trout Lake area, Kenora District, Patricia portion, Ontario. Ontario Department of Mines, Map 2045, scale 1:126 720.

Kowerechuk, D.
 1988: Oxford House, Manitoba Department of Energy and Mines, Mineral Resources Division, Geological Compilation (Atlas) Series, Map No. 22L, scale 1:250 000.

Krogh, T., Heaman, L., Machado, N.F., and Weber, W.
 1985: U-Pb geochronology program: Thompson belt and Pivkivonit domain. In: Report of Field Activities, Mineral Resources Division, Manitoba Department of Energy and Mines, p. 183-184.

Macke, J.J. and Trueman, D.L.
 1972: Beaver Hill metacomples, Manitoba Department of Mines, Resources and Environment Management, Mines Branch, Preliminary Map 1972A-1, scale 1:7 620.

Machado, N., Heaman, L., Krogh, T.E., and Weber, W.
 1990: U-Pb zircon ages for the Hudson gneiss swarm and the Fox River belt, NE Manitoba (Abstract). In: Geological Association of Canada/Mineralogical Association of Canada, Program with Abstracts, v. 11, p. 97.

Manitoba Mineral Resources Division
 1979: Geological Map of Manitoba. Manitoba Department of Mines and Natural Resources, Mineral Resources Division, Map No. 79-2, scale 1:1 000 000.

Marten, B.E.
 1973: Sharpe Lake (west half), Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-14, scale 1:31 680.

Marten, B.E. and Ebers, F.J.
 1973: Murray Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-11, scale 1:31 680.

Marten, B.E., Gilbert, H.P., and Ebers, F.J.
 1973: Vermilyea Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-8, scale 1:31 680.

Mathews, W.H.
 1986: Physiographic map of the Canadian Cordillera. Geological Survey of Canada, Map 1710A, scale 1:5 000 000.

McGregor, C.R. and Weber, W.
 1982a: St. Theresa Point, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1982H-3, scale 1:20 000.
 1982b: Island Lake, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1982H-4, scale 1:20 000.

McGregor, C.R. and Weber, W.
 1982c: Island Lake, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1982H-4, scale 1:20 000.

Margur, K., Bohlen, S.R., and Hanson, G.B.
 1990: Metamorphic history of the Archean Pivkivonit granulite domain and the Cross Lake Subprovince, Superior Province, Manitoba. Journal of Petrology, v. 31, p. 483-512.

Neale, K.L.
 1981: Island Lake - Sinclair - Savage Islands, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1981H-2, scale 1:20 000.

Norris, A.W., Sanford, B.V., and Bell, R.T.
 1968: Bibliography on Hudson Bay Lowlands. Geological Survey of Canada, Paper 67-60.

Norris, A.W., Sanford, B.V., and Bostock, H.H.
 1968: Geology, Hudson Bay Lowlands, Manitoba, Ontario, Quebec and District of Keewatin. Geological Survey of Canada, Map 17-1967, scale 1:1 000 000 (includes Paper 67-60).

Neale, K.R., Weber, W., and McGregor, C.R.
 1982: Garden Hill, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1982H-2, scale 1:20 000.

Nunes, P.D. and Wood, J.
 1980: Geochronology of the North Spirit Lake area, District of Kenora - progress report. In: Summary of geochronological studies, 1977-1979, E. Pyle (ed.), Ontario Geological Survey, Miscellaneous Paper 92, p. 71-73.

Potter, R.R.
 1983: Gods River map area, Manitoba, 53N. Geological Survey of Canada, Paper 62-08 (includes Preliminary Map 17-1982, scale 1:253 440).

Quinn, H.A.
 1960: Island Lake, Manitoba - Ontario. Geological Survey of Canada, Preliminary Map 26-1960, scale 1:253 440.

Quinn, H.A. and Wright, J.F.
 1961: Oxford House, Manitoba. Geological Survey of Canada, Preliminary Map 21-1961, scale 1:253 440.

Sanford, B.V. and Grant, A.C.
 1990: New findings related to the stratigraphy and structure of the Hudson Platform. In: Current Research, Part D, Geological Survey of Canada, Paper 90-10, p. 17-30.

Sanford, B.V., Norris, A.W., and Bostock, H.H.
 1968: Geology of the Hudson Bay Lowlands (Operation Wink). Geological Survey of Canada, Paper 67-60 (includes Map 17-1967, scale 1:1 000 000).

Scotese, R.F.J.
 1975a: Fox River greenstone belt west. Manitoba Department of Mines, Resources and Environment Management, Mineral Resources Division, Preliminary Map 1975H-1, scale 1:31 680.
 1975b: Fox River greenstone belt east. Manitoba Department of Mines, Resources and Environment Management, Mineral Resources Division, Preliminary Map 1975H-2, scale 1:31 680.

Scotese, R.F.J., Corkery, M.T., and Macke, J.J.
 1981: Geology of the western part of the Fox River Belt. In: Volcanic rocks of the Fox River Belt, northeastern Manitoba, R.F.J. Scotese (ed.), Manitoba Department of Energy and Mines, Mineral Resources Division, Geological Report 68H-1, Map GR-91-1, scale 1:50 000.

Schledewitz, D.C.P.
 1980: Stull Lake southwest. Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1980H-5, scale 1:100 000.

Schledewitz, D.C.P. and Chace, K.
 1980a: Oxford House southwest. Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1980H-3, scale 1:100 000.

Schledewitz, D.C.P. and Chace, K.
 1980b: Oxford House southeast. Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1980H-4, scale 1:100 000.

Stevenson, R. and Turek, A.
 1973a: Cargill Island, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-3, scale 1:31 680.
 1973b: Windy Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-7, scale 1:31 680.

Stockwell, C.H.
 1982: Proposals for time classification and correlation of Precambrian rocks and events in Canada and areas of the Canadian Shield. Part 1: A time classification of Precambrian rocks and events. Geological Survey of Canada, Paper 80-19.

Thurston, P.C. and Chivers, K.M.
 1990: Secular variation in greenstone sequence development emphasizing Superior Province, Canada. Precambrian Research, v. 46, p. 21-58.

Turek, A., Carson, T.M., Smith, P.E., Van Schmus, W.R., and Weber, W.
 1986: U-Pb zircon ages for rocks from the Island Lake greenstone belt, Manitoba. Canadian Journal of Earth Sciences, v. 23, p. 92-101.

Turek, A. and Weber, W.
 1987: An isotopic study of the Bigstone Lake - Knight Lake area. In: Report of Field Activities 1987, Mineral Resources Division, Manitoba Department of Energy and Mines, p. 148-150.

Weber, W.
 1974a: Cuddie Lake, Manitoba Department of Mineral Resources and Environment Management, Mineral Resources Division, Preliminary Map 1974H-2, scale 1:31 680.
 1974b: Dobbs Lake, Manitoba Department of Mineral Resources and Environment Management, Mineral Resources Division, Preliminary Map 1974H-5, scale 1:31 680.
 1975a: High Hill Lake (south half), Manitoba Department of Mineral Resources and Environment Management, Mineral Resources Division, Preliminary Map 1975H-1, scale 1:31 680.
 1975b: Bigstone River (south half), Manitoba Department of Mineral Resources and Environment Management, Mineral Resources Division, Preliminary Map 1975H-2, scale 1:31 680.

Weber, W., McGregor, C.R., and Neale, K.R.
 1982: Waasagach Bay, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1982H-1, scale 1:20 000.

Weber, W. and Scotese, R.F.J.
 1978: Archean and Proterozoic metamorphism in the northwestern Superior Province and along the Churchill - Superior boundary, Manitoba. In: Metamorphism in the Canadian Shield, J.A. Fraser and W.W. Heywood (eds.), Geological Survey of Canada, Paper 78-10, p. 5-16.

Wood, J.
 1977: North Spirit Lake, NTS 530B, 7, 10, 11, Patricia Kenora District, Ontario. Ontario Division of Mines, Map 2382, scale 1:31 680.

Wood, J.
 1979: Hewitt Lake, NTS 530CE and 7, Patricia Kenora District, Ontario. Ontario Geological Survey, Colour Map 0240B, scale 1:31 680.

Wood, J.
 1980: Epistatic sedimentation and stratigraphy in the North Spirit Lake and Rainy Lake areas: a comparison. Precambrian Research, v. 12, p. 223-255.

Copies of this map may be obtained from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E8. 300-308 Street N.W., Calgary, Alberta T2S 2A7. 100 West Pender Street, Vancouver, B.C. V6B 1R8.

THE NATIONAL EARTH SCIENCE SERIES
 GEOLOGICAL ATLAS
 GENERAL CO-ORDINATOR: A.V. OKULITCH

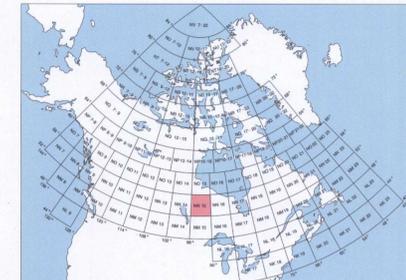
MAP NN-15-G
 SHEET 4
 COMPILATION SOURCES
GODS LAKE
 MANITOBA - ONTARIO

Scale 1:1 000 000

Kilometres 25 0 25 50 75 Kilometres

Lambert Conformal Conic Projection
 Standard Parallels 52°40'N and 55°00'N
 © Crown copyrights reserved

Geological compilation by K.D. Card and B.V. Sanford, 1992, 1993
 Geological cartography and data digitization by A.V. Okulitch, Geological Survey of Canada
 Digital image processing by H&S Reliance Limited, Toronto, Ontario
 Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada



LEGEND

Geological Survey of Canada map reference: Quinn, 1960
 Manitoba Department of Energy and Mines map reference: Ebers, 1973
 Ontario Geological Survey map reference: Hudco, 1984

GEOLOGICAL SURVEY OF CANADA
 COMMISSION GÉOLOGIQUE DU CANADA

SEP 6 1994

CGIC / CCIG

MAP LIBRARY / CARTOTHEQUE

Sheet 4 of 4, Map NN-15-G, Compilation sources
 Recommended citation:
 Card, K.D. and Sanford, B.V. (compilers)
 1994: Geology, Gods Lake, Manitoba - Ontario. Geological Survey of Canada, Map NN-15-G, scale 1:1 000 000. (National Earth Science Series, Geological Atlas)

