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 COORDONNATEUR GÉNÉRAL: A.V. OKULITCH
 CARTE NN-15-G
 FEUILLE 4
 SOURCES DE COMPILATION
GODS LAKE
 MANITOBA - ONTARIO

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REFERENCES

Averill, S.A., Ayers, L.D., Edwards, G.R., et Raudsepp, M.
 1973: Favourable Lake - Berens Lake, Patricia Kenora District, Ontario, Ontario Department of Mines, Geological Compilation Series, Map 2262, échelle 1/253 440.

Ayers, L.D.
 1969a: Rottenfish River sheet, Kenora District, Ontario, Ontario Department of Mines, Map 2162, échelle 1/63 300.
 1969b: Sandhill Crane Island sheet, Kenora District, Ontario, Ontario Department of Mines, Map 2163, échelle 1/63 300.
 1969c: Axa Lake sheet, Kenora District, Ontario, Ontario Department of Mines, Map 2164, échelle 1/63 300.
 1969d: Muniskun Lake sheet, Kenora District, Ontario, Ontario Department of Mines, Map 2165, échelle 1/63 300.
 1973: Trout Lakes, Patricia Kenora District, Ontario, Ontario Division of Mines, Map 2270, échelle 1/31 680.
 1974: Geology of the Trout Lake area, District of Kenora, Ontario Division of Mines, Geological Report 113.
 1977: Importance of stratigraphy in Early Precambrian volcanic terranes: cyclic volcanism at Seltling Net Lake, northwestern Ontario, Dans: Volcanic Regimes in Canada, W.R.A. Baragar, L.C. Coleman, et J.M. Hill (éds.), Geological Association of Canada, Special Paper 16, p. 243-264.

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

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

Baragar, W.R.A., et Scotese, R.F.J.
 1981: The Craton-Superior Belt: A Proterozoic plate margin/Dans: Precambrian plate tectonics, A. Kroner, (éd.), Elsevier, Amsterdam, p. 297-330.

Barry, G.S.
 1961: Geology of the Gods Narrows area, Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 60-1 (incluant carte, échelle 1/63 300).
 1962: Geology of the Munro Lake area, Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 61-1 (incluant carte, échelle 1/63 300).
 1964: Geology of the Parker Lake area, Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 62-1 (incluant carte, échelle 1/63 300).

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

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

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

Breakey, F.W., Sage, R.P., et Troup, W.R.
 1976: Cat Lake - Pickle Lake sheet, NTS 52P/W, 52-O, 53A/W and 53B/S, Patricia Kenora and Thunder Bay Districts, Ontario, Ontario Department of Mines and Natural Resources, Geological Compilation Series, Map 2216, échelle 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. 48, p. 99-156.

Card, K.D. et Ciesielski, A.
 1978: DRAQ #1. Subdivisions of the Superior Province of the Canadian Shield. Geoscience Canada, v. 13, p. 5-13.

Caruthers, C.A.
 1961: North Caribou Lake, Ontario, Geological Survey of Canada, Preliminary Map 19-1951, échelle 1/253 440.

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

Corfu, F. et Ayres, L.D.
 1991: Unravelling the stratigraphy of an Archean gneiss 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., et Ayres, L.D.
 1985: U-Pb zircon and sphene geochronology of a composite Archean granulite batholith, Favourable Lake area, northwestern Ontario, Canadian Journal of Earth Sciences, v. 22, p. 1436-1451.

Corfu, F. et 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., et Lenton, P.G.
 1992: Geochronological constraints on the development of the Cross Lake gneiss belt, northwest Superior province, Manitoba, Canadian Journal of Earth Sciences, v. 29, p. 2171-2185.

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

Davis, D.W.
 1969: 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 2011A, échelle 1/253 440.

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

Duffell, S., MacLaren, A.S., et Holman, R.H.C.
 1963: Red Lake - Lansdowne House area, northwestern Ontario, Geological Survey of Canada, Paper 63-05 (incluant préliminaires maps 2-1963 and 3-1963, échelle 1/500 000).

Eibers, F.J.
 1972: Parker Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-1, échelle 1/31 680.

Eibers, F.J.
 1973: Botton Lake (north half), Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-10, échelle 1/31 680.

Eibers, F.J. et Gilbert, H.P.
 1972a: Semmens Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-2, échelle 1/31 680.
 1972b: Munro Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1972H-8, échelle 1/31 680.

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

Eibers, F.J. et Marten, B.E.
 1973a: Joint Lake (north half), Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-11, échelle 1/31 680.
 1973b: Karschuan Rapids, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-12, échelle 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 (incluant Preliminary Map 11-1970, échelle 1/250 000).

Emanovics, I.F. et 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, échelle 1/31 680.

Gilbert, H.P.
 1973a: Motor Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-5, échelle 1/31 680.
 1973b: Gods Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-4, échelle 1/31 680.
 1973c: Kneke Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-3, échelle 1/31 680.

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

Godard, J.D.
 1963: Geology of the Sagawichewan Bay area, Manitoba Department of Mines and Natural Resources, Publication 60-2 (incluant carte, échelle 1/63 300).

Goodwin, A.M., Innes, M.J.S., Gibb, R.A., Hall, D.H., MacLaren, A.S., Pettijohn, F.J., Norris, A.W., Gifford, J.M., Currie, K.L., Fahrig, W.F., Irvine, T.M., Rider, R.H., Ayres, L.D., Emanovics, I.F., et Ambrose, J.W.
 1972: The Superior Province, Dans: Variations in tectonic styles in Canada, R.A. Price et R.W. Douglas (éds.), Geological Association of Canada, Special Paper 11, p. 529-623.

Green, A.G., Hajnal, Z., et 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. 281-322.

Hillary, E.M. et Ayres, L.D.
 1990: Trondhjemite basement enclave near the Archean Favourable Lake volcanic complex, northwestern Ontario, Canada, Canadian Journal of Earth Sciences, v. 17, p. 652-667.

Hubert, J.M.W.
 1973a: Carpath Island, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-3, échelle 1/31 680.
 1973b: Wines Lake, Manitoba Department of Mineral Resources and Environment Management, Mines Branch, Preliminary Map 1973H-7, échelle 1/31 680.

Hubert, J.M.W.
 1980: The Archean Pivotalite granulite 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.

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

Hubert, J.M.W. et Ayres, L.D.
 1973: The Archean Pivotalite granulite 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.

Hubert, J.M.W. et Ayres, L.D.
 1973: U-Pb zircon ages for the Moisson dyke swarm and the Fox River sill, NE Manitoba (Abstract), Dans: 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, échelle 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, échelle 1/31 680.

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

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

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

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

McGregor, C.R. et Weber, W.
 1982c: Island Lake, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1982-3, échelle 1/20 000.

Mezger, K., Bohlen, S.R., et Hanson, G.M.
 1982: Metamorphic history of the Archean Pivotalite granulite domain and the Cross Lake Subprovince, Superior Province, Manitoba, Journal of Petrology, v. 23, p. 483-512.

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

Norris, A.W., Sanford, B.V., et Bell, R.T.
 1982: Bibliography on Hudson Bay Lowlands, Geological Survey of Canada, Paper 82-09.

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

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

Nunes, P.D. et Wood, J.
 1980: Geochronology of the North Spirit Lake area, District of Kenora - progress report. In: Summary of geochronological studies, 1977-1979, E. Pye (éd.), Ontario Geological Survey, Miscellaneous Paper 95, p. 71-73.

Potter, R.R.
 1962: Gods River map - area, Manitoba, 53N, Geological Survey of Canada, Paper 62-08 (incluant Preliminary Map 17-1962, échelle 1/253 440).

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

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

Sanford, B.V. et Grant, A.C.
 1990: New findings related to the stratigraphy and structure of the Hudson Platform, Dans: Current Research, Part D, Geological Survey of Canada, Paper 90-1D, p. 17-30.

Sanford, B.V., Norris, A.W., et Bostock, H.H.
 1968: Geology of the Hudson Bay Lowlands (Operation Witsak), Geological Survey of Canada, Paper 67-60 (incluant Map 17-1967, échelle 1/1 000 000).

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

Scotese, R.F.J., Corkery, M.T., et Macsek, J.J.
 1981: Geology of the western part of the Fox River Belt, Dans: Volcanic rocks of the Fox River Belt, northwestern Manitoba, R.F.J. Scotese (éd.), Manitoba Department of Energy and Mines, Mineral Resources Division, Geological Report GR81-1, Map GR-81-1-1, échelle 1/50 000.

Schledewitz, D.C.P.
 1980: Stull Lake southwest, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1980 K-5, échelle 1/100 000.
 1980a: Oxford House southwest, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1980 K-3, échelle 1/100 000.
 1980b: Oxford House southeast, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1980 K-4, échelle 1/100 000.

Stevenson, R. et Turek, A.
 1992: An isotopic study of the Island Lake greenstone belt, Manitoba: crustal evolution and progressive cratonization in the Late Archean, Canadian Journal of Earth Sciences, v. 29, p. 2200-2210.

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 82-18.

Thurston, P.C. et Chivers, K.M.
 1987: 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., et 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. et Weber, W.
 1987: U-Pb geochronology of the Bigstone Lake - Knight Lake area, Dans: Report of Field Activities 1987, Mineral Resources Division, Manitoba Department of Energy and Mines, p. 148-150.

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

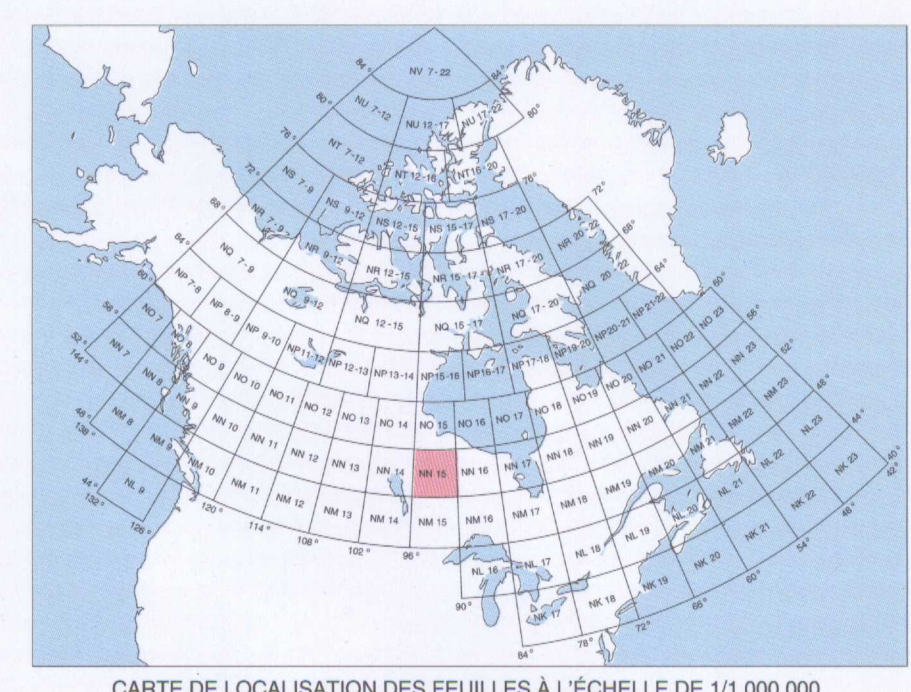
Weber, W., et Scotese, R.F.J.
 1982: Waasagamiac Bay, Manitoba Department of Energy and Mines, Mineral Resources Division, Preliminary Map 1982-1, échelle 1/20 000.

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

Wood, J.
 1977: North Spirit Lake, NTS 53C/E, 7, 10, 11, Patricia Kenora District, Ontario, Ontario Division of Mines, Map 2362, échelle 1/31 680.

Wood, J.
 1979: Hewitt Lake, NTS 53C/E and 7, Patricia Kenora District, Ontario, Ontario Geological Survey, Colour Map 02408, échelle 1/31 680.

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



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Commission géologique du Canada référence cartographique: Quinn, 1960
 Ministère de l'Énergie et des Mines du Manitoba référence cartographique: Eibers, 1973
 Commission géologique du Canada référence cartographique: Hubert, 1964

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