

SELECTED BIBLIOGRAPHY

Bellis, A.D. 1952. Geology of Lake Winnipeg and adjacent areas. Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 51-4, 64 p.

Breesenroge, G. 1980. Geology of the Winnipeg River. Report on Hollow Water Indian Reserve No. 10, Indian and Northern Affairs Canada, Internal Report, 20 p.

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Clayton, L., Laird, W.M., Klassen, R.W., and Kupchik, W.D. 1990. Interesting mineral resources in the Winnipeg area. Journal of Geology, v. 73, no. 4, p. 622-656.

Davies, J.F. 1952. Geology of the Winnipeg River area. Manitoba Department of Mines and Natural Resources, Mines Branch, Publication 51-3, 31 p.

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Dawling, D.B. and Tymel, J.B. 1986. Report on the east shore of Lake Winnipeg and adjacent parts of Manitoba and Keweenaw. In Geological Survey of Canada, Annual Report, v. 11, p. 107-193.

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Elson, J.A. 1992. Geology of Lake Agassiz: in Life, Land and Water, (ed.) W.J. Mayer-Oakes, University of Manitoba Press, Winnipeg, p. 37-96.

Ermakov, I.F. 1979. Precambrian geology of Hecla-Carroll Lake area, Manitoba-Ontario (62P E102, 52M W112). Geological Survey of Canada, Paper 69-42, 33 p.

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1994. Quaternary geological investigations related to drift prospecting, Rice Lake greenstone belt, Manitoba. In Manitoba Energy and Mines Annual Report of Activities, p. 170-174.

1994. Surficial geology and drift composition of the Berens-English Brook area, Rice Lake greenstone belt, southeastern Manitoba. Geological Survey of Canada, Open File 2910 (skate of appendices).

Henderson, P.J., Dunn, C.E., and Cohen, W.B. 1992. Quaternary studies related to drift prospecting, southeastern Manitoba. In Manitoba Energy and Mines, Annual Report of Activities, p. 153-154.

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Manitoba Mineral Resources Division 1991. Surficial Geological Map of Manitoba, Map 81-1, scale 1:1 000 000.

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1986. A preliminary investigation of Quaternary placer gold in the Manitowagan area. In Report of Activities, Manitoba Energy and Mines, p. 131-133.

1989. Quaternary stratigraphy and overburden geochemistry in the Phanerozoic terrane of southern Manitoba. Manitoba Energy and Mines, Geological Paper GP87-1, 79 p.

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Poulsen, K.H., Ames, D.E., Lau, S. and Brubin, W.C. 1986. Preliminary report on the structural setting of gold in the Rice Lake area, Uchi Subprovince, southeastern Manitoba. In Current Research, Part C, Geological Survey of Canada, Paper 86-1C, p. 213-241.

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Reid, J.A. 1931. The geology of the San Antonio gold mine, Rice Lake, Manitoba. Economic Geology, v. 26, no. 6, p. 844-899.

Russell, G.A. 1949. Geology of the English Brook area. Manitoba Department of Mines and Natural Resources, Mines Branch, Preliminary Report and Map 49-3, 22 p.

Shanon, D.R. and Russell, H.A.J. 1956. Quaternary geology of the Red Lake-Conformation Lake area. Geological Survey of Canada, Open File 2876.

Stockwell, C.H. 1938. Rice Lake-Gold Lake area, southeastern Manitoba. Geological Survey of Canada, Memoir 210, 79 p.

1940. Gold mines and prospects in Rice Lake-Berensford Lake area, Manitoba. Canadian Institute of Mining and Metallurgy Transactions, v. 45, p. 613-626.

1945. Rice Lake, Manitoba. Geological Survey of Canada, Map 519A, scale 1" = 1 mi.

Teller, J.T. and Clayton, L. 1983. Glacial Lake Agassiz. Geological Association of Canada, Special Paper 26, 451 p.

Teller, J.T. and Fenwick, M.M. 1980. Late Wisconsinan and glacial stratigraphy and history of southeastern Manitoba. Canadian Journal of Earth Sciences, v. 17, p. 19-35.

Thayer, P. 1987. Platinum group elements in southeastern Manitoba. In Manitoba Energy and Mines, Minerals Division, Report of Field Activities 1987, p. 115-118.

1993. Mineral deposits and occurrences in the Bissett area, NTS 52 M4, Manitoba Energy and Mines, Mineral Deposit Series.

Tood, B.J., Lewis, C.F.M., Threlkott, L.H., and Nielsen, E. 1996. Lake Winnipeg: cruise report and scientific results. Geological Survey of Canada, Open File 3113.

Tymel, J.B. and Dawling, D.B. 1982. Geological Map of Northwestern Manitoba. Geological Survey of Canada, Map 339, scale 1:500 800.

Wardlaw, N.C., Stauffer, M.R., and Hoque, M. 1969. Striations, giant grooves, and superposed drag folia, interlake area, Manitoba. Canadian Journal of Earth Sciences, v. 6, p. 577-603.

Weber, W. 1991. Geology of the English Brook area, southeastern Manitoba (NTS 62 P1); in Manitoba Energy and Mines, Minerals Division, Report of Activities 1991, p. 49-52.

Weber, W. and Stephenson, J.F. 1972. The content of mercury and gold in some Archean rocks of the Rice Lake area. Economic Geology, v. 68, no. 3, p. 401-402.

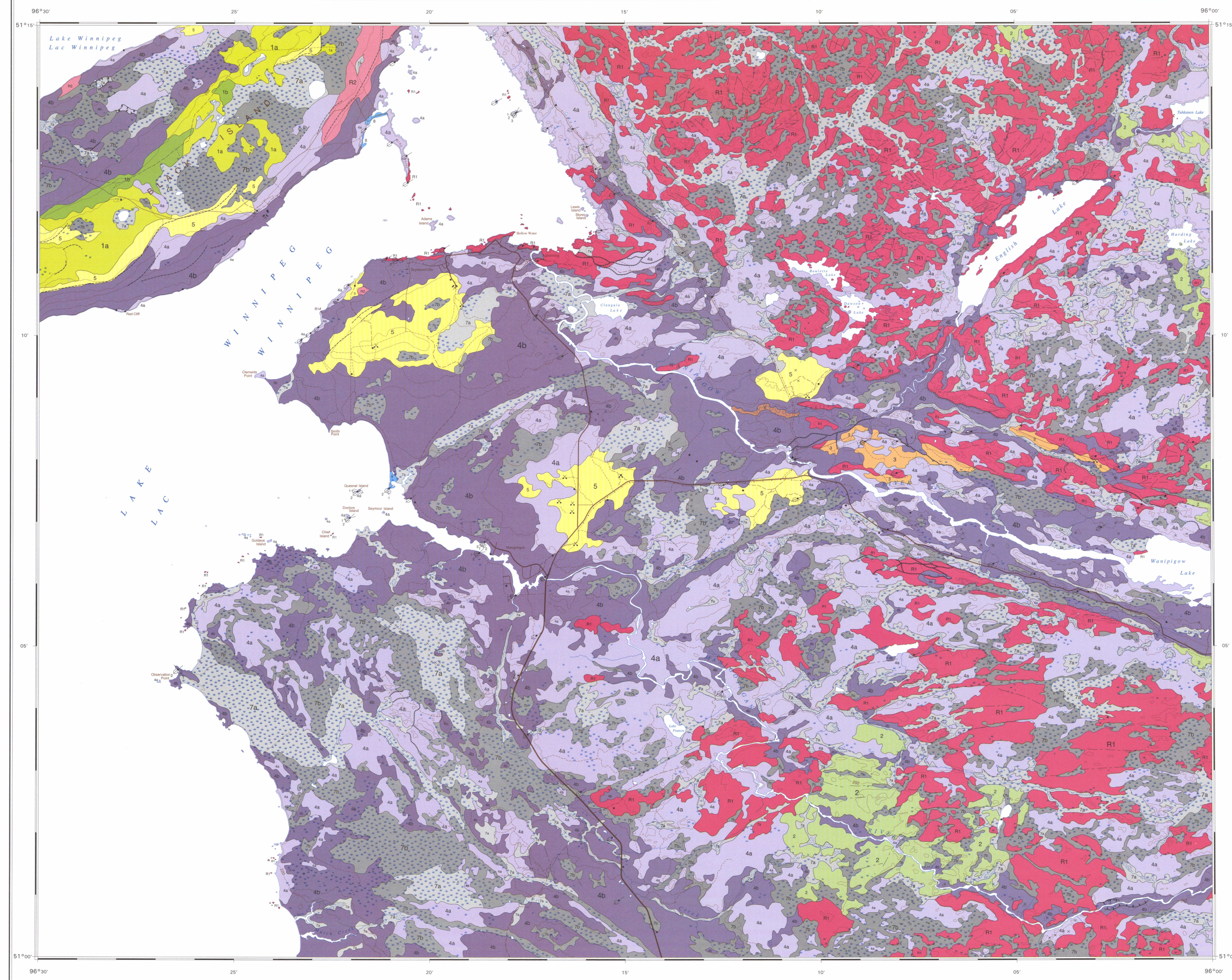
Wright, J.F. 1922a. Rice Lake-Mitane area, southeastern Manitoba. Geological Survey of Canada Summary Report, 1922, Part C, p. 45-62.

1922b. Preliminary map of a portion of Rice Lake Mining District, southeast Manitoba. Geological Survey of Canada, Map 1922, scale 1" = 1 mile.

1927. Berensford and Rice Lakes area, Manitoba. Geological Survey of Canada, Map 195A, scale 1" = 1 mile.

1932. Geology and mineral deposits of a part of southeastern Manitoba. Geological Survey of Canada Memoir 169, 150 p.

Young, J.P. 1990. Geology of mafic-ultramafic intrusive rocks in the English Lake area (NTS 62 P1); in Manitoba Energy and Mines, Minerals Division, Report of Activities, v. 11, p. 111-113.



LEGEND

This legend is common to maps 1897A and 1898A

| QUATERNARY | |
|---------------------------------|--|
| HOLOCENE - POST-LAST GLACIATION | |
| NONGLACIAL ENVIRONMENT | |
| 8 | LAKE WINNIPEG DEPOSITS: sand, minor gravel and silt; < 1 m thick; forms small bars and beaches at or near the present level of Lake Winnipeg |
| 7b | Flag peat: decomposed sphagnum mats and wood, occurs as raised irregular surfaces with an open to closed tree cover, may contain some fire peat |
| 7a | Fen, sump, or marsh: wet peat edge or organic muck, minor moss peat; occurs as flat grassy surfaces with few trees, and includes areas with visible surface water |
| 6 | ALLUVIAL DEPOSITS: sand, gravel, silt and clay; 1 to 3 m thick; deposited by streams as modern floodplains and deltas; may include small remnants of Holocene depositional terraces |
| WISCONSINAN - LAST GLACIATION | |
| PROGLACIAL ENVIRONMENT | |
| 5 | Littoral sediments: sand and gravel, minor silt; 1 to 5 m thick; may form isolated or a series of ridges, 1 to 3 m high, which include bars and beaches; commonly down-sloped on wave-washed glaciolittoral sediments deposited as subaqueous outwash. On irregular terraces, littoral sediments may occur as isolated regressive deposits formed as glacial lake levels fell |
| 4b | Offshore sediment blanket: continuous, < 1 m thick and may exceed 10 m in places; deposits occur in major river valleys or form flat, poorly drained plains commonly marked by organic deposits |
| 4a | Offshore sediment veneer: discontinuous thin (< 1 m) cover over bedrock; thicker accumulations may occur in depressions |
| GLACIAL ENVIRONMENT | |
| 3 | GLACIOFLUVIAL DEPOSITS: interbedded sand, gravel, silt, and clay; 2 to 20 m beds are massive, stratified, or cross-stratified; sorting varies; elongation oriented commonly occur in layers or lenses; deposited as subaqueous outwash by meltwater flow below glacial lake level; may form in contact with or in front of the glacier; modified by varying degrees of glacial lake levels |
| 2 | SANDY TILL: grey to grey-brown sandy diamicton (40-80% sand); commonly stony; nonconformable to slightly calcareous; massive to poorly stratified; derived from erosion of Precambrian bedrock; clasts exclusively from Shield terrane, and occurs as thin, discontinuous veneer (averaging < 1 m thick) interspersed with outcrop; thicker accumulations may occur locally in depressions and on the down-ice side of topographic highs; till surface morphology reflects underlying bedrock structure; in places, the unit occurs as a poorly sorted gravel, lacking the fine grain sizes characteristic of it, due to reworking by nearshore glacioclastic processes |
| 1b | Silt till blanket: forms a continuous cover, 1 m to several metres thick, which overlies bedrock or previously deposited glaciogenic sediment; unit masks underlying topography; till surface may be covered by a thin veneer of Lake Agassiz clay or gravel resulting from reworking by nearshore glacioclastic processes |
| 1a | Silt till veneer: forms a discontinuous, thin cover over bedrock; 0 to 3 m thick depending on underlying bedrock topography |
| PRE-QUATERNARY | |
| R2 | BECKROCK: rock outcrop or rock thinly covered (< 50 cm) by surficial materials; outcrop surfaces may be striated and grooved, or moulded to form rock moutonnée; may be wave-washed during lowering of glacial lake levels |
| R2 | Paleozoic sedimentary rocks: consists primarily of a basal friable quartz sandstone of the Winnipeg Formation overlain by dolomite, limestone and carbonate of the Red River Formation, occurs as fan-like outcrops |
| R1 | Precambrian metasedimentary and metavolcanic rocks and associated igneous intrusive bodies: consists of Archean supracrustal and intrusive rocks of the Rice Lake greenstone belt, and of intermediate plutonic and granitic rocks of the Winnipeg River plutonic complex, and a suite of paragneiss, schist, tonalite and monzonite which forms the Manitowagan gneiss belt; rolling topography with low to moderate relief; glacially-erosional features commonly moulded to form rock moutonnée |

Geological boundary
Beach ridge; wave cut terrace; strandline
Abandoned channel; large, small (arrow indicates flow direction)
Drumlinoid and streamlined features parallel to iceflow
Rock moutonnée
Striae (ice flow direction known, unknown, poorly defined, crossed striae (1 - oldest))
Rock escarpment
Bedrock outcrop
Depositional lineament along structural element
Gravel and/or sand pit (active, abandoned)
Quarry or mine (active, abandoned)
Mine tailings
Observation site

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Dawling, D.B. and Tymel, J.B. 1986. Report on the east shore of Lake Winnipeg and adjacent parts of Manitoba and Keweenaw. In Geological Survey of Canada, Annual Report, v. 11, p. 107-193.

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MAP 1898A
SURFICIAL GEOLOGY
ENGLISH BROOK
MANITOBA

Scale 1:50 000 - Échelle 1/50 000

Geology by P.J. Henderson, 1992; assisted by C.M. Zdanowicz, 1992
 Digital cartography by Y.F. St-Pierre-Savard, Geoscience Information Division

Contribution to Canada-Manitoba Partnership Agreement on Mineral Development (1990-1995), a subsidiary agreement under the Canada-Manitoba Economic and Regional Development Agreement

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Transverse Mercator Projection
 UTM 18N 12, Zone Factor 1
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Projection transversale de Mercator
 MQ 9612, facteur de zone 1
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Magnetic declination 1998, 4°21' E, decreasing 5.7" annually
 Elevations in metres above mean sea level

Copies of this map may be obtained from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0G8, K1A 0G8 (Street, N.W., Calgary, Alberta T2L 2A7)

Copies of the topographic map for this area may be obtained from the Canada Map Office, Natural Resources Canada, Ottawa, Ontario K1A 0G8

Geological boundary
 Beach ridge; wave cut terrace; strandline
 Abandoned channel; large, small (arrow indicates flow direction)
 Drumlinoid and streamlined features parallel to iceflow
 Rock moutonnée
 Striae (ice flow direction known, unknown, poorly defined, crossed striae (1 - oldest))
 Rock escarpment
 Bedrock outcrop
 Depositional lineament along structural element
 Gravel and/or sand pit (active, abandoned)
 Quarry or mine (active, abandoned)
 Mine tailings
 Observation site

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