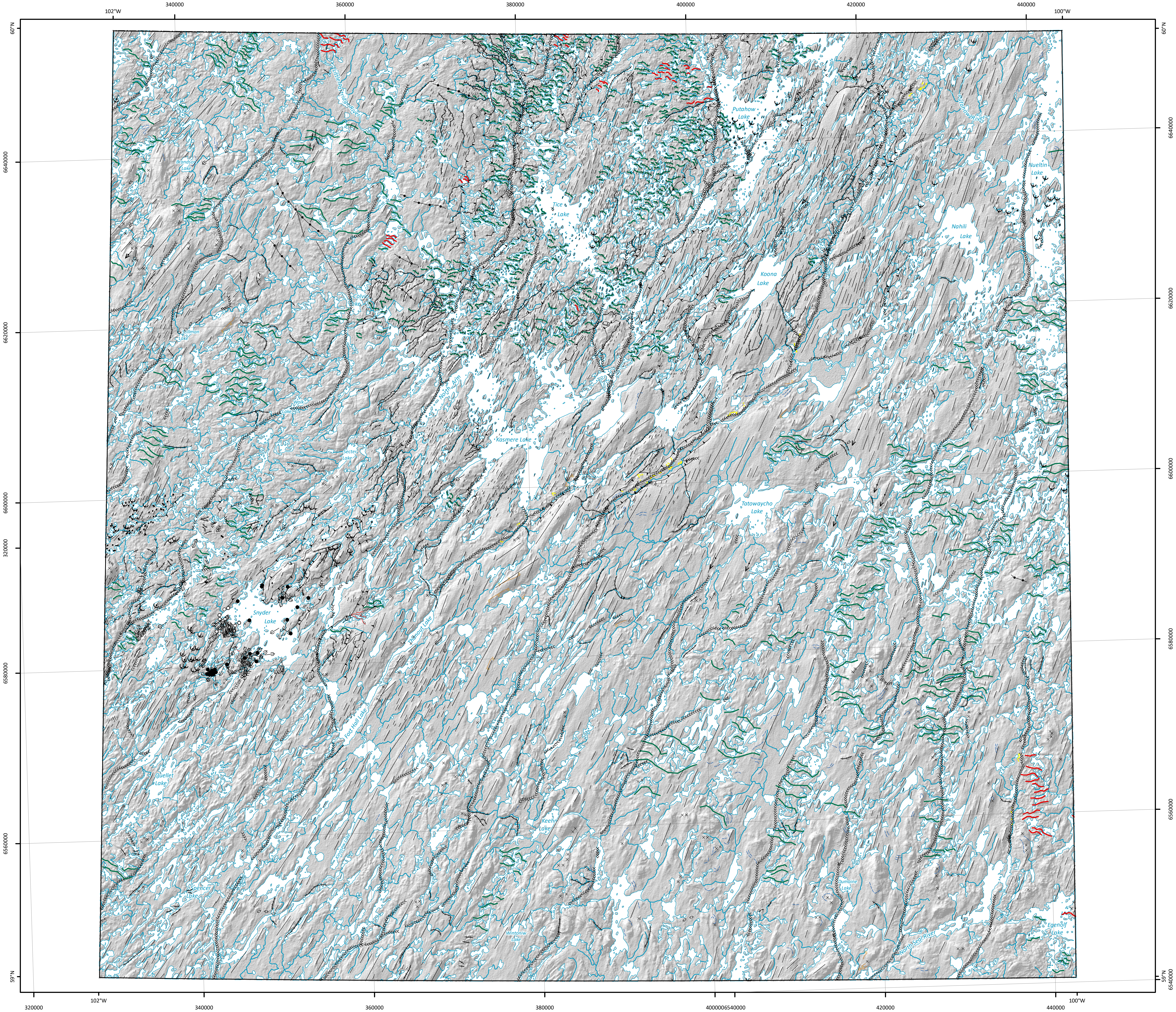
Surficial Geology Compilation Map SG-GF2022-64N


102°W
340000
360000
380000
400000
420000
440000
100°W
60°N
6640000
6620000
6600000
6580000
6560000
6540000
320000
59°N
Little Portage River
Brandson Lake
Colvin Lake
Stillman Lake
Walk Lake
Secter Lake
North Arm
Kasmere Lake
Putahow Lake
Putahow River
Tice Lake
Koona Lake
Nueltin Lake
Nahili Lake
Tatowaycho Lake
Snyder Lake
Ithmout Lake
Fort Hall Lake
Quellet Lake
Kinosew Lake
Spencer Lake
Wintoniw Lake
Keehn Lake
Dumaine Lake
North Seal River
Egenolf Lake
4000006540000

UTM Zone 14, NAD83

Digital elevation model from NASA Shuttle Radar Topography Mission (SRTM) data[1]
100X vertical exaggeration

Project Number: MGS2010_001

Scale 1:250 000

0 5 10 15 30

kilometres

N

Legend

Symbols

- - - - Beach ridge
—•—> Crag-and-tail landform
— Crevasse ridge
— De Geer moraine
—•—) Drumlin
— Drumlinoid ridge or fluting
— Dune
>>>>>>>>>>> Esker, direction known
<><><><><> Esker, direction unknown
->->->->->-> Esker, washed, direction known
<-><-><-><-><-> Esker, washed, direction unknown
— Iceberg scour
—•—•—•— Major moraine
+++++++++++ Meltwater channel
—▲—▲— Meltwater channel corridor
— Minor moraine, undifferentiated
— Rogen moraine (pristine)
— Rogen moraine (modified)
- - -•- - - Streamlined bedrock
Trimline (wave cut scarp)

▲ Delta
Ice-contact delta
● Field site with sample
○ Field site without sample
⚔ Gravel pit
Ⓚ Kame
K Kettle
⚓ Mass movement
⚒ Mine
× Outcrop
† Roche moutonée
Ⓓ Sample analysis results (dating)
↑ Striae, direction known, poorly preserved
↑ Striae, direction known, well preserved
↕ Striae, direction unknown, poorly preserved
↕ Striae, direction unknown, well preserved
Ꝁ Thermokarst
Major moraine
• • • • Limit of mapping

To aid the reader, a shadow effect has been added to exaggerate the topographic relief based on data from the Shuttle Radar Topography Mission Digital Elevation Model:

[1] U.S. Geological Survey 2014: USGS EROS archive - digital elevation - Shuttle Radar Topography Mission (SRTM) 1 arc-second global; U.S. Geological Survey, 30 m cell, zipped hgt format, URL <https://doi.org/10.5066/F7PR7TFT> [December 2014].

Surficial Geology Compilation Map SG-GF2022-64N

Surficial point and line features of the Kasmere Lake map sheet (NTS 64N), Manitoba

Compilation and updating by M.S. Gauthier

GIS/Cartography by G.R. Keller and A. Santucci

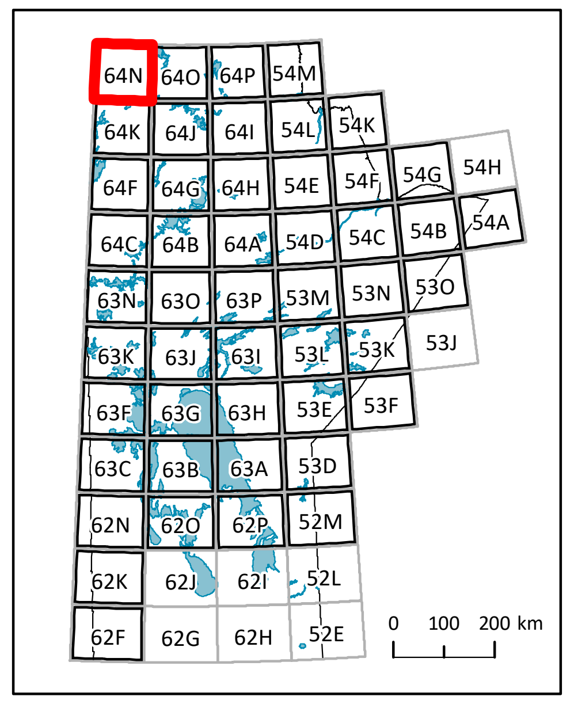
Suggested reference:
Gauthier, M.S. 2022: Surficial point and line features of the Kasmere Lake map sheet (NTS 64N), Manitoba; Manitoba Natural Resources and Northern Development, Manitoba Geological Survey, Surficial Geology Compilation Map SG-GF2022-64N, scale 1:250 000.

Accompanying document:
Gauthier, M.S., Santucci, A. and Keller, G.R. 2022: Digital compilation of surficial point and line features for Manitoba, including ice-flow data; Manitoba Natural Resources and Northern Development, Manitoba Geological Survey, GeoFile 1-2022, URL <https://www.manitoba.ca/iem/info/libmin/geofile1.zip> [February 2022].

Data can be viewed, queried and downloaded from the GIS Map Gallery at https://www.manitoba.ca/iem/geo/gis/index.html (Geoscience).

Note: Data presented at 1:250 000 scale; some data compiled at scales as detailed as 1:30 000. For areas with very detailed data, use of the GIS Map Gallery is recommended. Updated November 2021; supersedes previous version.

Location Map


64N
64O
64P
54M
64K
64J
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63C
63B
63A
53D
62N
62O
62P
52M
62K
62J
62I
52L
62F
62G
62H
52E
0 100 200 km

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