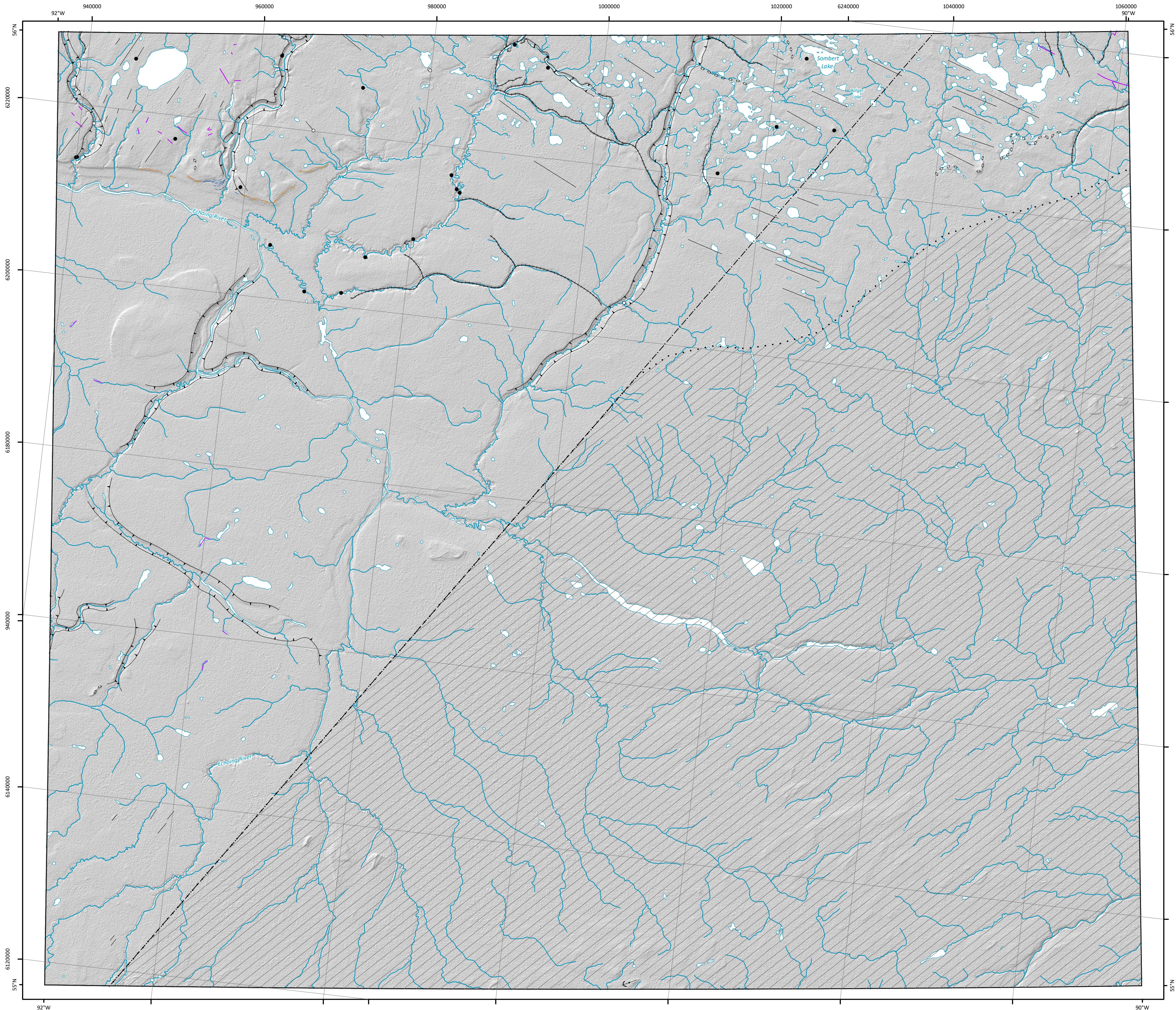




Surficial Geology Compilation Map SG-GF2022-53O



UTM Zone 14, NAD83

Digital elevation model from NASA Shuttle Radar Topography Mission (SRTM) data¹
100X vertical exaggeration

Project Number: MGS2010_001

Scale 1:250 000

0 5 10 15 30
kilometres

Legend

Symbols

- Beach ridge
- ▲ Delta
- Crag-and-tail landform
- ▽ Ice-contact delta
- Field site with sample
- Field site without sample
- × Gravel pit
- Crevasse ridge
- ◎ Kame
- De Geer moraine
- K Kettle
- Drumlin
- △ Mass movement
- Drumlinoid ridge or fluting
- × Mine
- Dune
- ↑ Roche moutonée
- >>>>> Esker, direction known
- ↓ Sample analysis results (dating)
- <><><><> Esker, direction unknown
- ∅ Striae, direction known, poorly preserved
- >>>>>> Esker, washed, direction known
- ↑ Striae, direction known, well preserved
- <><><><><> Esker, washed, direction unknown
- ∅ Striae, direction unknown, poorly preserved
- Iceberg scour
- ↑ Striae, direction unknown, well preserved
- Major moraine
- Meltwater channel
- Meltwater channel corridor
- Minor moraine, undifferentiated
- Rogen moraine (pristine)
- Rogen moraine (modified)
- - - Streamlined bedrock
- Trimline (wave cut scarp)
- • • 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:

¹U.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-GF2022-53O

Surficial point and line features of the Sturgeon Lake map sheet (NTS 53O), 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 Sturgeon Lake map sheet (NTS 53O), Manitoba; Manitoba Natural Resources and Northern Development, Manitoba Geological Survey, Surficial Geology Compilation Map SG-GF2022-53O, scale 1:250 000.

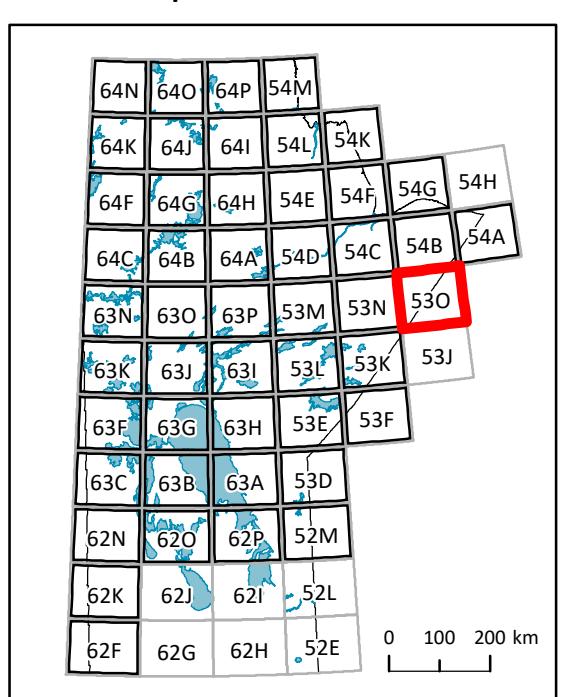
Accompanying document:

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/eem/info/libmin/geofile1.zip>> [February 2022].

Data can be viewed, queried and downloaded from the GIS Map Gallery at
<https://www.manitoba.ca/eem/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



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