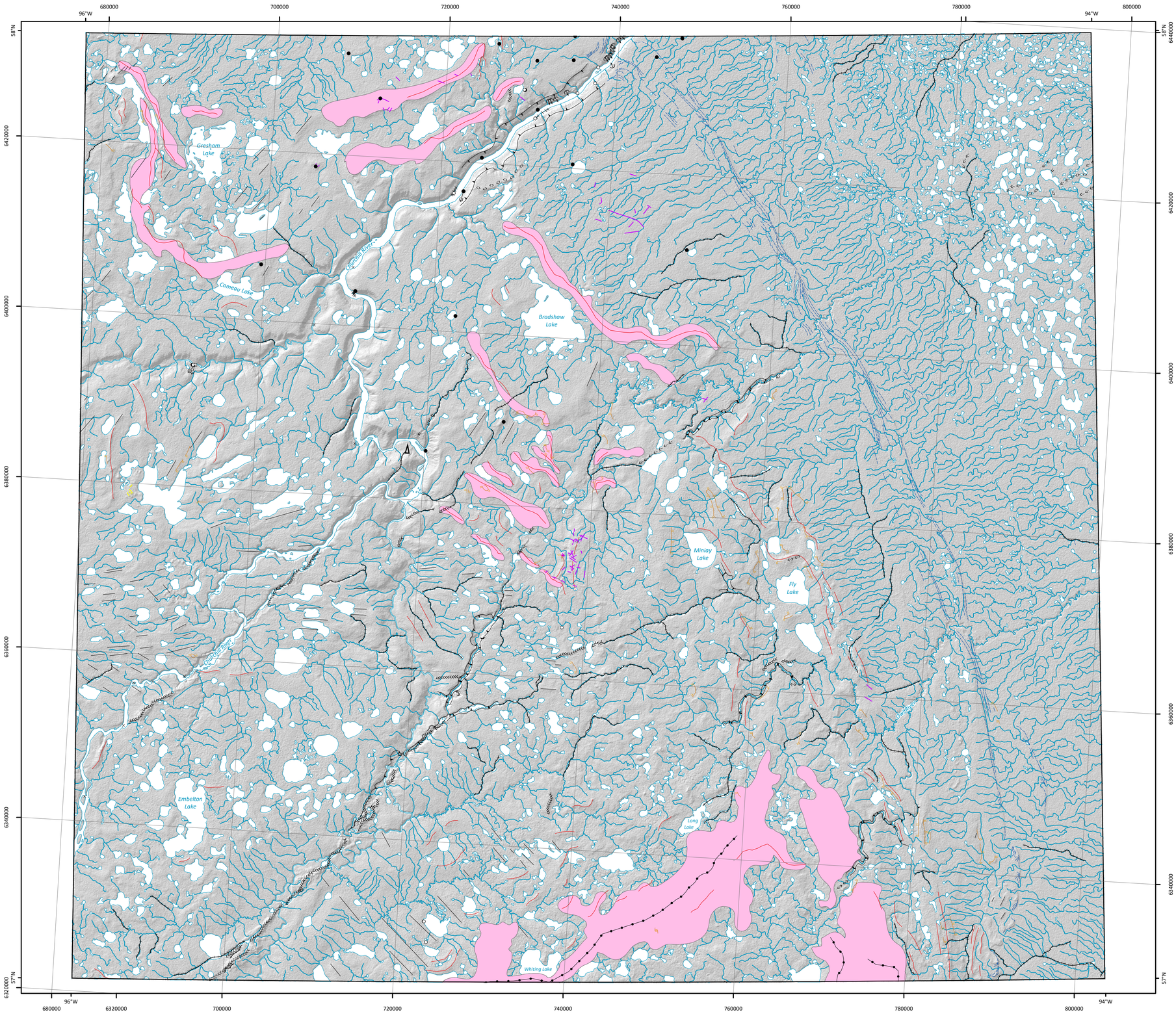
Surficial Geology Compilation Map SG-GF2022-54E



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
- 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
- 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-GF2022-54E

Surficial point and line features of the Herchmer map sheet (NTS 54E), Manitoba

Compilation and updating by M.S. Gauthier

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

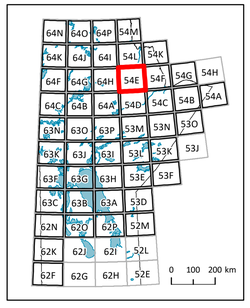
Suggested reference:
Gauthier, M.S. 2022: Surficial point and line features of the Herchmer map sheet (NTS 54E), Manitoba; Manitoba Natural Resources and Northern Development, Manitoba Geological Survey, Surficial Geology Compilation Map SG-GF2022-54E, scale 1:250 000.

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



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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

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