



Digital elevation model from NASA Shuttle Radar Topography Mission (SRTM) data¹ 100X vertical exaggeration Project Number: MGS2010_001

15 10 5

kilometres

30

Surficial Geology Compilation Map SG-GF2022-63G

	Beach ridge	Δ	Delta
>	Crag-and-tail landform	Ŷ	Ice-contact delta
	Crevasse ridge	•	Field site with sample
	De Geer moraine	0	Field site without sample
\rightarrow	Drumlin	X	Gravel pit
	Drumlinoid ridge or fluting	ß	Kame
	Dune	К	Kettle
»>>>>	Esker, direction known	\mathbf{r}	Mass movement
<><>>	Esker, direction unknown	*	Mine
->->->	Esker, washed, direction known	×	Outcrop
<-><->	Esker, washed, direction unknown	†	Roche moutonée
	Iceberg scour	D	Sample analysis results (dating)
••-	Major moraine	ψ	Striae, direction known, poorly preserved
	Meltwater channel	ή	Striae, direction known, well preserved
A	Meltwater channel corridor	С. Э	Striae, direction unknown, poorly preserved
	Minor moraine, undifferentiated	\bigcirc	Striae, direction unknown, well preserved
	Rogen moraine (pristine)	к	Thermokarst
	Rogen moraine (modified)	\square	Major moraine
·	Streamlined bedrock		
- 11 - 11 -	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

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

Surficial point and line features of the Grand Rapids map

Gauthier, M.S. 2022: Surficial point and line features of the Grand Rapids map sheet (NTS 63G), Manitoba; Manitoba Natural Resources and Northern Development, Manitoba Geological Survey, Surficial Geology

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

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.

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Copies of this map can be obtained from: Manitoba Natural Resources and Northern Development Manitoba Geological Survey, Publication Sales 360-1395 Ellice Avenue Winnipeg MB R3G 3P2 Canada

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