



[Link to MGS Publications](#)

Minnesota Geological Survey

Great Lakes Geologic Mapping Coalition Publications

Updated

March 2020

2019

- Lusardi, B. A., 2019, To publication—trials and tribulations of compiling a new surficial geology map and database, *in* Thorleifson, L.H., ed., Geologic Mapping Forum 2019 abstracts: Minnesota Geological Survey Open-File Report 19-1, p. 51.
- Lusardi, B. A., Gowan, A. S., McDonald, J. M., Marshall, K. J., Meyer, G. N., and Wagner, K. G., 2019, Geologic map of Minnesota—Quaternary geology: Minnesota Geological Survey State Map Series S-23, scale 1:500,000, accessed December 20, 2019 at URL <http://hdl.handle.net/11299/208552>.
- McDonald, J. M., 2019, Quaternary geological mapping in Minnesota—past, present and future, *in* Thorleifson, L. H., ed., Geologic Mapping Forum 2019 abstracts: Minnesota Geological Survey Open-File Report 19-1, p. 59.
- Meyer, G. N., Marshall, K. J., and McDonald, J. M., 2019, Quaternary stratigraphy, plate 4 of Steenberg, J. R., project manager, Geologic atlas of Dodge County, Minnesota: Minnesota Geological Survey County Atlas Series C-50, part A.
- Staley, A. E., Berthold, A. J., Gowan, A. S., and Lusardi, B. A., 2019, Minnesota Quaternary stratigraphy statewide cross sections at 5-kilometer spacing: Minnesota Geological Survey Great Lakes Geologic Mapping Coalition contract deliverable.
- Thorleifson, L. H., ed., 2019, Geologic Mapping Forum 2019 abstracts: Minnesota Geological Survey Open-File Report 19-1, 100 p., accessed December 20, 2019, at URL <https://conservancy.umn.edu/handle/11299/202386>.
- Tipping, R. G., 2019, Pilot multi-county modeling synthesis for Bonanza Valley groundwater management area: Minnesota Geological Survey Great Lakes Geologic Mapping Coalition contract deliverable.

2018

- Lusardi, B. A., 2018, Quaternary geologic mapping in Minnesota, *in* Thorleifson, L. H., ed., Geologic Mapping Forum 2018 abstracts: Minnesota Geological Survey Open-File Report 18-1, p. 48.
- Thorleifson, L. H., ed., 2018, Geologic Mapping Forum 2018 abstracts: Minnesota Geological Survey Open-File Report 18-1, 107 p., accessed December 20, 2019 at URL <https://conservancy.umn.edu/handle/11299/194852>.

Thorleifson, L. H., 2018, Minnesota Geologic Survey geological mapping, *in* Thorleifson, L. H., ed., Geologic Mapping Forum 2018 abstracts: Minnesota Geological Survey Open-File Report 18-1, p. 95–96.

2016

- Berg, R. C., Brown, S. E., Thomason, J. F., Hasenmueller, N. R., Letsinger, S. L., Kincare, K. A., Esch, J. M., Kehew, A. E., Thorleifson, L. H., Kozlowski, A. L., Bird, B. C., Pavey, R. R., Bajc, A. F., Burt, A. K., Fleeger, G. M., and Carson, E. C., 2016, A multiagency and multijurisdictional approach to mapping the glacial deposits of the Great Lakes region in three dimensions, *in* Wessel, G. R., and Greenberg, J. K., eds., *Geoscience for the Public Good and Global Development: Toward a Sustainable Future: Geological Society of America Special Paper 520*, p. 415–447, accessed February 27, 2020, at URL doi: [https://doi.org/10.1130/2016.2520\(000\)](https://doi.org/10.1130/2016.2520(000)).
- Johnson, M. D., Adams, R. S., Gowan, A. S., Harris, K. L., Hobbs, H. C., Jennings, C. E., Knaeble, A. R., Lusardi, B. A., and Meyer, G. N., 2016, Quaternary lithostratigraphic units of Minnesota: Minnesota Geological Survey Report of Investigations RI-68, 262 p., accessed December 20, 2019 at <https://conservancy.umn.edu/handle/11299/177675>.
- Lusardi, B. A., and Marshall, K. J., 2016, Quaternary stratigraphy, plate 4 of Lusardi, B. A., project manager, *Geologic atlas of Wadena County, Minnesota: Minnesota Geological Survey County Atlas C-40, part A*.
- Lusardi, B. A., Gowan, A. S., Meyer, G. N., and Thorleifson, L. H., 2016, Quaternary stratigraphy of Minnesota—statewide cross sections: *Geological Society of America Abstracts with Programs*, v. 48, no. 5, Geological Society of America webpage, accessed December 20, 2019 at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper271381.html>, doi: 10.1130/abs/2016NC-271381.
- Lusardi, B. A., Gowan, A. S., Meyer, G. N., and Thorleifson, L. H., 2016, Quaternary stratigraphy of Minnesota—statewide cross sections: Minnesota Geological Survey Open-File Report OFR 16-1, accessed December 20, 2019 at URL <http://hdl.handle.net/11299/175912>.
- Lusardi, B. A., and Meyer, G. N., 2016, Pilot project to support a Quaternary geology map of Minnesota at 1:500,000: *Geological Society of America Abstracts with Programs*, v. 48, no. 7, Geological Society of America webpage, accessed December 20, 2019, at URL <https://gsa.confex.com/gsa/2016AM/webprogram/Paper276370.html>, doi: 10.1130/abs/2016AM-276370.

2015

Thorleifson, L. H., and Lusardi, B. A., 2015, Enhancement of lithological databases needed to support Quaternary subsurface mapping in Minnesota: Geological Society of America Abstracts with Programs, v. 47, no. 5, Geological Society of America webpage, accessed December 20, 2019, at URL <https://gsa.confex.com/gsa/2015NC/webprogram/Paper255243.html>.

2014

Gowan, A. S., 2014, Sand-distribution model, plate 5 of Bauer, E. J., project manager, Geologic atlas of Clay County, Minnesota: Minnesota Geological Survey County Atlas C-29, part A.

Lusardi, B. A., and Hamilton, J., 2014, Sand-distribution model, plate 5 of Lusardi, B. A., project manager, Geologic atlas of Morrison County, Minnesota: Minnesota Geological Survey County Atlas C-31, part A.

2013

Lusardi, B. A., and Lively, R. S., 2013, Sand-distribution model, plate 5 of Lusardi, B. A., project manager, Geologic atlas of Sherburne County, Minnesota: Minnesota Geological Survey County Atlas C-32, part A.

Meyer, G. N., Tipping, R. G., and Lively, R. S., 2013, Sand-distribution model, plate 5 of Setterholm, D. R., project manager, Geologic atlas of Anoka County, Minnesota: Minnesota Geological Survey County Atlas C-27, part A.