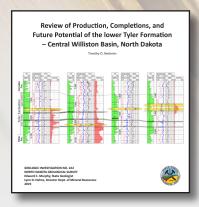
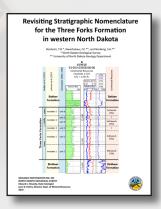
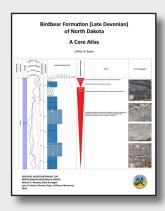
NEW PUBLICATIONS

All Survey publications (maps, posters, and reports) are available for free download from our website (www.dmr.nd.gov/ndgs/Publication_List/). Paper copies of 24K maps are \$5, 100K are \$10, and posters are typically \$15.









Geologic Investigations

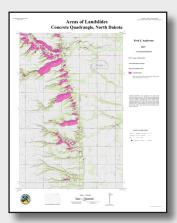
- Nesheim, T.O., 2019, Review of production, completions, and future potential of the lower Tyler Formation-Central Williston Basin, North Dakota: North Dakota Geological Survey Geologic Investigations no. 222, 19 p.
- Nesheim, T.O. and Kruger, N.W., 2019, Helium trends in North Dakota: North Dakota Geological Survey Geologic Investigations no. 223, 10 p.
- Nesheim, T.O., 2019, Revisiting Stratigraphic Nomenclature Systems for the Three Forks Formation within western North Dakota: North Dakota Geological Survey Geologic Investigations no. 225, 18 p.
- Bader, J.W., 2019, Birdbear Formation (Late Devonian) of North Dakota, A Core Atlas: North Dakota Geological Survey Geologic Investigations no. 226, 21 p.

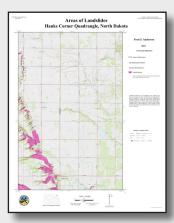
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- Anderson, F.J., 2019, Areas of Landslides Hank's Corner Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. HnkC I.
- Anderson, F.J., 2019, Areas of Landslides Pitt Creek Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. PttC I.
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- Maike, C.A., 2019, Areas of Landslides Alkali Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. AlkL I.
- Maike, C.A., 2019, Areas of Landslides Anamoose Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Anms I.
- Maike, C.A., 2019, Areas of Landslides Anamoose SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Anms SW I.
- Maike, C.A., 2019, Areas of Landslides Baker Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bker I.

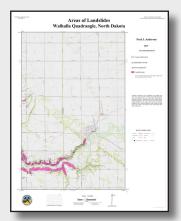
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- Maike, C.A., 2019, Areas of Landslides Balfour NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Blfr NW I.
- Maike, C.A., 2019, Areas of Landslides Belcourt Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bcrt I.
- Maike, C.A., 2019, Areas of Landslides Big Coulee Dam Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BgCD I.
- Maike, C.A., 2019, Areas of Landslides Big Woods Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BgWd I.
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- Maike, C.A., 2019, Areas of Landslides Bisbee North Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bsbe N I.
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- Maike, C.A., 2019, Areas of Landslides Brinsmade Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Brns I.
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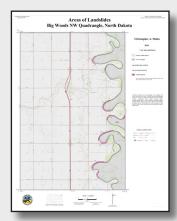
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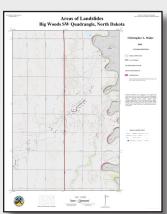


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- Maike, C.A., 2019, Areas of Landslides Egeland SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Egld SE I.
- Maike, C.A., 2019, Areas of Landslides Egeland SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Egld SW I.
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- Maike, C.A., 2019, Areas of Landslides Fillmore Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Flmr I.
- Maike, C.A., 2019, Areas of Landslides Grahams Island Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Grml I.
- Maike, C.A., 2019, Areas of Landslides Hansboro Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hnbr I.
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- Maike, C.A., 2019, Areas of Landslides Horseshoe Valley Quadrangle, ND Quadrangle: ND Geological Survey 24K Map Series No. HshV - I.
- Maike, C.A., 2019, Areas of Landslides Hurricane Lake East Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. HrcL E I.





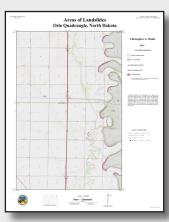
- Maike, C.A., 2019, Areas of Landslides Hurricane Lake West Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. HrcL W I.
- Maike, C.A., 2019, Areas of Landslides Island Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. IldL I.
- Maike, C.A., 2019, Areas of Landslides Joliette Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Jltt I.
- Maike, C.A., 2019, Areas of Landslides Kief Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Kief I.
- Maike, C.A., 2019, Areas of Landslides Knox Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Knx I.
- Maike, C.A., 2019, Areas of Landslides Kongsberg NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Kgbg NE I.
- Maike, C.A., 2019, Areas of Landslides Lake Upsilon SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. LkUp SE I.
- Maike, C.A., 2019, Areas of Landslides Lake Upsilon SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. LkUp SW I.
- Maike, C.A., 2019, Areas of Landslides Leeds Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Leds I.
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- Maike, C.A., 2019, Areas of Landslides Long Lake Quadrangle, ND Quadrangle: N Dakota Geological Survey 24K Map Series No. LngL I.
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- Maike, C.A., 2019, Areas of Landslides Martin Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mrtn I.
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- Maike, C.A., 2019, Areas of Landslides Minnewaukan East Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mnwk E I.
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- Maike, C.A., 2019, Areas of Landslides Mylo Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mylo I.
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- Maike, C.A., 2019, Areas of Landslides Oslo Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Oslo I.
- Maike, C.A., 2019, Areas of Landslides Oslo NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Oslo NE I.
- Maike, C.A., 2019, Areas of Landslides Pelican Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. PcnL I.
- Maike, C.A., 2019, Areas of Landslides Pelican Lake SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. PcnL SE I.
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- Maike, C.A., 2019, Areas of Landslides Peterson Lake Quadrangle, ND Quadrangle: N Dakota Geological Survey 24K Map Series No. PtrL I.
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- Maike, C.A., 2019, Areas of Landslides Rock Lake NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. RckL NE – I.
- Maike, C.A., 2019, Areas of Landslides Rock Lake NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. RckL NW – I.
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- Maike, C.A., 2019, Areas of Landslides Rugby Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Rgby – I.
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- Maike, C.A., 2019, Areas of Landslides Sheyenne Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. ShyL - I.
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- Maike, C.A., 2019, Areas of Landslides Siebold Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. SbdL - I.
- Maike, C.A., 2019, Areas of Landslides Silva Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Silva – I.
- Maike, C.A., 2019, Areas of Landslides Snyder Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. SnyL – I.
- Maike, C.A., 2019, Areas of Landslides Thorne Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Thrn - I.





- Maike, C.A., 2019, Areas of Landslides Tilden Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Tldn – I.
- Maike, C.A., 2019, Areas of Landslides Turtle Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. TrtL - I.
- Maike, C.A., 2019, Areas of Landslides Wolford Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Wlfd – I.
- Maike, C.A., 2019, Areas of Landslides York Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. York – I.
- Moxness, L.D., 2019, Areas of Landslides Abercrombie (MN) Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Abre - I.
- Moxness, L.D., 2019, Areas of Landslides Boisberg Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bsbg - I.
- Moxness, L.D., 2019, Areas of Landslides Dwight Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Dwgt - I.
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- Moxness, L.D., 2019, Areas of Landslides Emmet SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Emmt SW - I.
- Moxness, L.D., 2019, Areas of Landslides Fort Ransom Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. FtRn - I.
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Anderson, F.J., 2019, Evaluation of eolian sand deposits in north and south-central North Dakota for potential use as proppant: North Dakota Geological Survey, Reports of Investigation no. 123, 32 p.

Outside Publications

Czaplewski, N.J., Person, J.J., Boyd, C.A., Emry, R.J., 2019, A new species of bat (Chiroptera: Vespertilionidae) from the early Oligocene global cooling period, Brule Formation, North Dakota, USA. DOI: 10.18563/pv.42.2.e2.

