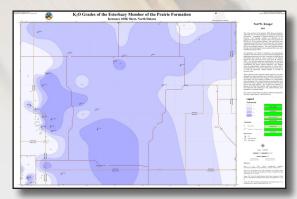
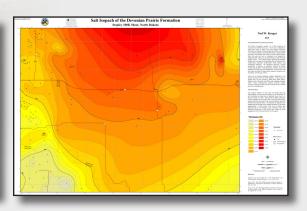
NEW PUBLICATIONS

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

- Bader, J.W., 2018, Stratigraphic and Structural Relations of the Birdbear Formation (Devonian), Western North Dakota: North Dakota Geological Survey Investigations No. 214.
- Kruger, N.W., 2019, K₂O Grades of the Potash Containing Members of the Prairie Formation, Kenmare 100K, 6 sheets: North Dakota Geological Survey Investigations No. 215.
- Anderson, F.J., 2019, The Potential of the Hazen-Stanton Dunes for use as Natural Sand Proppant: North Dakota Geological Survey Investigations No. 216.
- Kruger, N.W., 2019, Salt Isopach of the Devonian Prairie Formation, Stanley 100K Sheet: North Dakota Geological Survey Investigations No. 217.
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- Kruger, N.W., 2019, Salt Isopach of the Devonian Prairie Formation, Minot 100K Sheet: North Dakota Geological Survey Investigations No. 219.
- Bader, J.W., Stolldorf, T.D., 2019, Inyan Kara Sandstone Isopach Map, Minot 100K Sheet: North Dakota Geological Survey Investigations No. 220.
- Kruger, N.W., 2019, Prairie Formation Salt Isopach and Depth Maps: North Dakota Geological Survey Investigations No. 221.

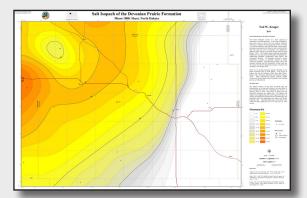
Landslide Maps

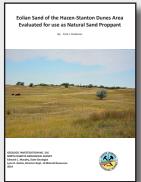
- Anderson, F.J., 2019, Areas of Landslides Blacktail Coulee Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BlkC – I.
- Anderson, F.J., 2019, Areas of Landslides Brisbane Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Brsb - I.
- Anderson, F.J., 2019, Areas of Landslides Bygland Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bygd – I.

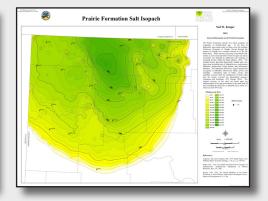
- Anderson, F.J., 2019, Areas of Landslides Carson SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series
- Anderson, F.J., 2019, Areas of Landslides Crown Butte Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. CnBL – I.
- Anderson, F.J., 2019, Areas of Landslides Dogtooth Buttes Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. DgtB – I.
- Anderson, F.J., 2019, Areas of Landslides Fargo North Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Frgo N − I.
- Anderson, F.J., 2019, Areas of Landslides Fargo South Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Frgo S − I.
- Anderson, F.J., 2019, Areas of Landslides Freda Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Frda - I.
- Anderson, F.J., 2019, Areas of Landslides Georgetown Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Grgt – I.
- Anderson, F.J., 2019, Areas of Landslides Grand Forks Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. GrFk – I.
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- Anderson, F.J., 2019, Areas of Landslides Hickson Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hksn – I.
- Anderson, F.J., 2019, Areas of Landslides Huff NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Huff NE – I.
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- Anderson, F.J., 2019, Areas of Landslides Mandaree SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mndr SE I.
- Anderson, F.J., 2019, Areas of Landslides Oslo SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Olso SE I.
- Anderson, F.J., 2019, Areas of Landslides Park Hills Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. PrkH I.
- Anderson, F.J., 2019, Areas of Landslides Pretty Rock Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. PrRB – I.
- Anderson, F.J., 2019, Areas of Landslides Pretty Rock Butte SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. PrRB SE I.
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- Anderson, F.J., 2019, Areas of Landslides Thompson Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Tpsn I.
- Anderson, F.J., 2019, Areas of Landslides Wheeler Hills Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. WlrH I.
- Maike, C.A., 2019, Areas of Landslides Baldwin Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bldw I.
- Maike, C.A., 2019, Areas of Landslides Belcourt Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bcrt I.
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- Maike, C.A., 2019, Areas of Landslides Carpenter Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. CrpL I.
- Maike, C.A., 2019, Areas of Landslides Cow Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. CowB I.
- Maike, C.A., 2019, Areas of Landslides Cow Butte NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. CowB NE I.
- Maike, C.A., 2019, Areas of Landslides Fort Clark Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. FtCl I.

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- Maike, C.A., 2019, Areas of Landslides Gascoyne Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Gsyn I.
- Maike, C.A., 2019, Areas of Landslides Grass Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. GrsL I.
- Maike, C.A., 2019, Areas of Landslides Haley (SD) Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hley I.
- Maike, C.A., 2019, Areas of Landslides Hannover Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hnvr I.
- Maike, C.A., 2019, Areas of Landslides Kongsberg Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Kgbg 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.
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- Maike, C.A., 2019, Areas of Landslides Makoti Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mkti I.
- Maike, C.A., 2019, Areas of Landslides Max Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Max I.
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- Maike, C.A., 2019, Areas of Landslides Otter Creek Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. OtrC I.
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- Maike, C.A., 2019, Areas of Landslides Reeder Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Rder I.
- Maike, C.A., 2019, Areas of Landslides Regan SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Rgan SE I.

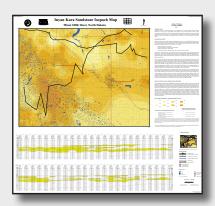






- Maike, C.A., 2019, Areas of Landslides Rush Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. RshL I.
- Maike, C.A., 2019, Areas of Landslides Ryder Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Rydr I.
- Maike, C.A., 2019, Areas of Landslides Scranton Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Scrn I.
- Maike, C.A., 2019, Areas of Landslides Scranton NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Scrn NE I.
- Maike, C.A., 2019, Areas of Landslide Scranton SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Scrn SW I.
- Maike, C.A., 2019, Areas of Landslide Snider Hill (MT) Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. SndH I.
- Maike, C.A., 2019, Areas of Landslides Talbot Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. TbtB I.
- Maike, C.A., 2019, Areas of Landslides Whetstone Buttes Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. WtsB – I.
- Maike, C.A., 2019, Areas of Landslides Wilton SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Wltn SE I.
- Maike, C.A., 2019, Areas of Landslides Wolf Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. WlfB I.
- Moxness, L.D., 2019, Areas of Landslides Amidon SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Amdn SE - 1.
- Moxness, L.D., 2019, Areas of Landslides Badland Draw (MT) Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BdlD – 1.
- Moxness, L.D., 2019, Areas of Landslides Barths Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BrsB 1.
- Moxness, L.D., 2019, Areas of Landslides Billings Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BlgL 1.
- Moxness, L.D., 2019, Areas of Landslides Blabon Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Blbn 1.

- Moxness, L.D., 2019, Areas of Landslides Boyce Creek East Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BycC E 1.
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- Moxness, L.D., 2019, Areas of Landslides Cedar Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. CdrB 1.
- Moxness, L.D., 2019, Areas of Landslides Cooperstown East Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Cprn E - 1.
- Moxness, L.D., 2019, Areas of Landslides Deep Creek South Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. DepC S - 1.
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- Moxness, L.D., 2019, Areas of Landslides Fairmount Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Frmt 1.
- Moxness, L.D., 2019, Areas of Landslides Haynes (SD) Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hyns 1.
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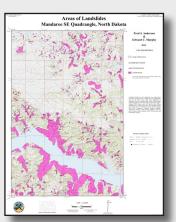


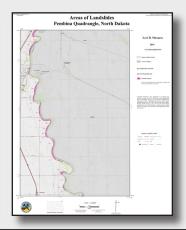






- Moxness, L.D., 2019, Areas of Landslides Lemmon (SD) Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Lmmn - 1.
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- Moxness, L.D., 2019, Areas of Landslides Osnabrock Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Osnb - 1.
- Moxness, L.D., 2019, Areas of Landslides Osnabrock SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Osnb SW - 1.
- Moxness, L.D., 2019, Areas of Landslides Pearle Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. PrlB - 1.
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- Moxness, L.D., 2019, Areas of Landslides Stewart Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. StwL - 1.
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- Moxness, L.D., 2019, Areas of Landslides Taylor Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. TylB - 1.
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- Moxness, L.D., 2019, Areas of Landslides Warnke Hill Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. WrnH - 1.
- Moxness, L.D., 2019, Areas of Landslides West Fork Deep Creek Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. WFDC - 1.

Report of Investigations

- Anderson, F.J., Moxness, L.D., Kruger, N.W., Murphy, E.C., and Maike, C.A., 2019, Evaluation of Tertiary (Paleocene) Bedrock Sandstone of the Sentinel Butte and Bullion Creek Formations for Potential use as Proppant (and XRD Appendix): North Dakota Geological Survey, Report of Investigations No. 121.
- Bader, J.W., 2019, A Sequence Strategic Model for the Inyan Kara Formation, North Dakota: North Dakota Geological Survey, Report of Investigations No. 122.

