

# NEW PUBLICATIONS

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Paper copies of 24K maps are \$5, 100K are \$10, and posters are typically \$15.

## GEOLOGIC INVESTIGATIONS

- Kruger, N.W., 2023, K2O Grades of the Potash-containing Members of the Prairie Formation, Stanley 100K Sheet, North Dakota: North Dakota Geological Survey Geologic Investigations No. 268.
- Anderson, F.J., Maike, C.A., Moxness, L.D., Murphy, E.C., Thapa, N., and York, B.C., 2023, Areas of Landslides in North Dakota: North Dakota Geological Survey Geologic Investigations No. 269.
- Anderson, F.J., 2023, Windblown Sand Resources in the Hazen East Quadrangle: North Dakota Geological Survey No. 270.

## LANDSLIDE MAPS - COUNTY SERIES

- Anderson, F.J., Moxness, L.D., Maike, C.A., and Murphy, E.C., 2023, Landslide Areas in Stark County, North Dakota, North Dakota Geological Survey, County Landslide Map Series, Stark-L, 1:125,000.
- Anderson, F.J., Murphy, E.C., and Moxness, L.D., 2023, Landslide Areas in McKenzie County, North Dakota, North Dakota Geological Survey, County Landslide Map Series, McKenzie-L, 1:125,000.

## LANDSLIDE MAPS

- Anderson, F.J., 2023, Areas of Landslides Belfield NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Blfd NE - I.
- Anderson, F.J., 2023, Areas of Landslides Fryburg NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Frbg NE - I.
- Anderson, F.J., 2023, Areas of Landslides Gorham Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Grhm - I.
- Anderson, F.J., 2023, Areas of Landslides Hungry Man Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. HnMB - I.
- Anderson, F.J., 2023, Areas of Landslides New Hradec South Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. NwHr S - I.
- Anderson, F.J. and Gonzalez, M.A., 2023, Areas of Landslides Gorham NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Grhm NW - I.
- Anderson, F.J. and Gonzalez, M.A., 2023, Areas of Landslides Roosevelt Creek West Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. RsvC W - I.
- Anderson, F.J. and Gonzalez, M.A., 2023, Areas of Landslides Roosevelt Creek East Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. RsvC E - I.
- Anderson, Gonzalez and Biek 2023, Areas of Landslides Fryburg NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Frbg NW - I.
- Anderson, Gonzalez and Biek, 2023, Areas of Landslides Medora Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mdra - I.
- Anderson, F.J., Moxness, L.D., Maike, C.A., and York, B.C., 2023, Areas of Landslides Burnt Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BrtB - I.
- Anderson, F.J., Moxness, L.D., Maike, C.A., and York, B.C., 2023, Areas of Landslides Crown Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. CrnB - I.
- Anderson, F.J., Moxness, L.D., Maike, C.A., and York, B.C., 2023, Areas of Landslides Crown Butte NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. CrnB NW - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Bismarck Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bsmk - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Boyle Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Byle - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Buffalo Gap Campground Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BfGC - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Burning Mine Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. BrMB - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Dunn Center Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. DnnC - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Emerson Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Emrn - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Hirschville Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hrvl - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Fayette Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Fayt - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Killdeer Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Kldr - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Lake Ilo Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Lklo - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Manning NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mnng NW - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Manning SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mnng SE - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Manning Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mnng - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Marshall Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mrsl - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Marshall NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mrsl NW - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Rattlesnake Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. RtsB - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Schaffner Creek Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. SfnC - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Werner Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Wrnr - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Willow Creek East Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. WlCr E - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Willow Creek West Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. WlCr W - I.
- Anderson, F.J. and Murphy, E.C., 2023, Areas of Landslides Ziner Butte Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. ZnrB - I.
- Maike, C.A., 2023, Areas of Landslides Argusville Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Arge - I.
- Maike, C.A., 2023, Areas of Landslides Arthur SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Artr SE - I.
- Maike, C.A., 2023, Areas of Landslides Arthur Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Artr - I.
- Maike, C.A., 2023, Areas of Landslides Ayr SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Ayr SE - I.
- Maike, C.A., 2023, Areas of Landslides Ayr NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Ayr NE - I.
- Maike, C.A., 2023, Areas of Landslides Ayr Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Ayr - I.
- Maike, C.A., 2023, Areas of Landslides Ayr NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Ayr NW - I.
- Maike, C.A., 2023, Areas of Landslides Blanchard Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Blnd - I.
- Maike, C.A., 2023, Areas of Landslides Colgate Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Clgt - I.
- Maike, C.A., 2023, Areas of Landslides Galesburg Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Glsb - I.
- Maike, C.A., 2023, Areas of Landslides Galesburg NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Glsb NW - I.
- Maike, C.A., 2023, Areas of Landslides Galesburg SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Glsb SE - I.
- Maike, C.A., 2023, Areas of Landslides Grandin Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Grnd - I.

- Maike, C.A., 2023, Areas of Landslides Hamilton Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hmtn - I.
- Maike, C.A., 2023, Areas of Landslides Hope Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hope - I.
- Maike, C.A., 2023, Areas of Landslides Hope NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hope NE - I.
- Maike, C.A., 2023, Areas of Landslides Hope SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hope SE - I.
- Maike, C.A., 2023, Areas of Landslides Hunter Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hntr - I.
- Maike, C.A., 2023, Areas of Landslides Kelso Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Klsn - I.
- Maike, C.A., 2023, Areas of Landslides Page SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Page SW - I.
- Maike, C.A., 2023, Areas of Landslides Page Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Page - I.
- Maike, C.A., 2023, Areas of Landslides Page SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Page SE - I.
- Maike, C.A., 2023, Areas of Landslides Pillsbury Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Plsb - I.
- Maike, C.A., 2023, Areas of Landslides Sherbrooke Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Shrb - I.
- Maike, C.A. and Anderson, F. J., 2023, Areas of Landslides Hillsboro NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hlsb NW - I.
- Maike, C.A. and Anderson, F. J., 2023, Areas of Landslides Hillsboro Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hlsb - I.
- Maike, C.A. and Anderson, F. J., 2023, Areas of Landslides Mayville South Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Myvl S - I.
- Maike, C.A. and Moxness, L.D., 2023, Areas of Landslides Blabon Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Blbn - I.
- Maike, C.A. and Moxness, L.D., 2023, Areas of Landslides Luverne Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Lvrn - I.
- Maike, C.A. and Moxness, L.D., 2023, Areas of Landslides Luverne SE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Lvrn SE - I.
- Maike, C.A. and Moxness, L.D., 2023, Areas of Landslides Luverne NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Lvrn NW - I.
- Maike, C.A. and Murphy, E.C., 2023, Areas of Landslides Halstad SW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hstd SW - I.
- Maike, C.A. and Murphy, E.C., 2023, Areas of Landslides Gardner Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Gdnr - I.
- Moxness, L.D., 2023, Areas of Landslides Cayuga Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Cyga - I.
- Moxness, L.D., 2023, Areas of Landslides Claire City NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Clrc NW - I.
- Moxness, L.D., 2023, Areas of Landslides Claire City NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Clrc NE - I.
- Moxness, L.D., 2023, Areas of Landslides Cogswell Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Cgwl - I.
- Moxness, L.D., 2023, Areas of Landslides Forman Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Frmn - I.
- Moxness, L.D., 2023, Areas of Landslides Geneseo Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Gnso - I.
- Moxness, L.D., 2023, Areas of Landslides Hamlin Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hmln - I.
- Moxness, L.D., 2023, Areas of Landslides Havana Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hvna - I.
- Moxness, L.D., 2023, Areas of Landslides Lidgerwood Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Ldgr - I.
- Moxness, L.D., 2023, Areas of Landslides Kidder Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Kddr - I.
- Moxness, L.D., 2023, Areas of Landslides Kreiser Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. KrsL - I.
- Moxness, L.D., 2023, Areas of Landslides Marlow Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Mrlw - I.
- Moxness, L.D., 2023, Areas of Landslides Moselle Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Msll - I.
- Moxness, L.D., 2023, Areas of Landslides Newark NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Nwrk NW - I.
- Moxness, L.D., 2023, Areas of Landslides Newark Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Nwrk - I.
- Moxness, L.D., 2023, Areas of Landslides Rutland Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Rtlnd - I.
- Moxness, L.D., 2023, Areas of Landslides Straubville Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Stbv - I.
- Moxness, L.D., 2023, Areas of Landslides Swan Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Swnl - I.
- Moxness, L.D., 2023, Areas of Landslides Veblen NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Vbln NE - I.
- Moxness, L.D. and Anderson, F.J., 2023, Areas of Landslides Concrete Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Cnct - I.
- Moxness, L.D., Anderson, F.J., Maike, C.A., and York, B.C., 2023, Areas of Landslides Harmon Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hrmn - I.
- Moxness, L.D., Anderson, F.J., Maike, C.A., and York, B.C., 2023, Areas of Landslides Nelson Lake Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Nlsl - I.
- York, B.C. and Anderson, F.J., 2023, Areas of Landslides Hallson Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Hlsn - I.
- York, B.C. and Maike, C.A., 2023, Areas of Landslides Backoo Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Bkbo - I.
- York, B.C. and Maike, C.A., 2023, Areas of Landslides Bathgate Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Btgt - I.
- York, B.C. and Maike, C.A., 2023, Areas of Landslides Bathgate NE Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Btgt NE - I.
- York, B.C. and Maike, C.A., 2023, Areas of Landslides Cavalier Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Cvlr - I.
- York, B.C. and Maike, C.A., 2023, Areas of Landslides Cavalier NW Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Cvlr NW - I.
- York, B.C. and Maike, C.A., 2023, Areas of Landslides Neche Quadrangle, ND Quadrangle: North Dakota Geological Survey 24K Map Series No. Nche - I.

## REPORTS OF INVESTIGATION

- Moxness, L.D., Murphy, E.C., and Kruger, N.W., 2023, Critical Mineral Enrichment In Lignite Beneath The Rhame Bed (Paleocene) Of The Slope Formation In The Williston Basin Of North Dakota: North Dakota Geological Survey Report of Investigation No. 134, 273 p.
- Murphy, E.C., Moxness, L.D., and Kruger, N.W., 2023, Elevated Critical Mineral Concentrations Associated with the Paleocene-Eocene Thermal Maximum, Golden Valley Formation, North Dakota: North Dakota Geological Survey Report of Investigation No. 133, 95 p.

## SURFACE GEOLOGY 24K MAPS

- Anderson, F.J. 2023, Surface Geology of the Georgetown Quadrangle, North Dakota: North Dakota Geological Survey 24K Map Series No. Grgt - sg.
- Anderson, F.J. 2023, Surface Geology of the Argusville Quadrangle, North Dakota: North Dakota Geological Survey 24K Map Series No. Arge - sg.
- Anderson, F.J. 2023, Surface Geology of the Perley Quadrangle, North Dakota: North Dakota Geological Survey 24K Map Series No. Prly - sg.

## OUTSIDE PUBLICATIONS

- Korth, W.W., Boyd, C.A., Emry, R.J., and Person, J.J. 2023. Additional small mammals from the Oligocene Brule Formation (late Orellan-Whitneyan) of southwestern North Dakota. *Paludicola*. 14(2):57-74.
- Wang, X., Emry, R.J., Boyd, C.A., Person, J.J., White, S.C., and Tedford, R.H. 2023. An exquisitely preserved skeleton of *Eoartcos vorax* (nov. gen. et sp.) from Fitterer Ranch, North Dakota (Early Oligocene) and systematics and phylogeny of North American early artoids (Carnivora, Caniformia). *Society of Vertebrate Paleontology Memoir* 22. *Journal of Vertebrate Paleontology*. 42(2, Supplement). DOI: 10.1080/02724634.2022.2145900

