

Areas of Landslides

Black Hammer Hill Quadrangle, North Dakota

Christopher A. Maike

2023

UNIT DESCRIPTIONS

QUATERNARY SYSTEM

RECENT/PLEISTOCENE

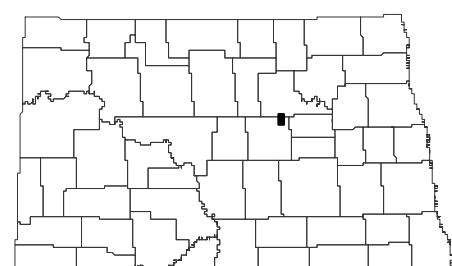
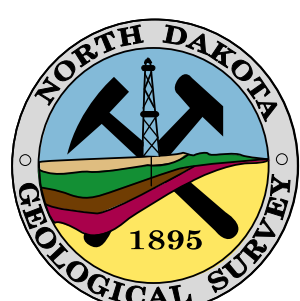
Qls Landslide Deposits

A mass of material that has moved downslope. Includes earth flows, slumps, and areas of soil creep.

Landslides identified on this quadrangle were mapped from stereo pairs, black and white 1:20,000 scale aerial photographs flown in 1959 by the United States Department of Agriculture (USDA). Additional data sources include digital orthophotography from the USDA National Agriculture Imagery Program (NAIP) flown in September to October 2021 and the North Dakota Geological Survey LiDAR Map Series, which compiles raw data flown in November 2020 to April 2021 from the North Dakota State Water Commission.

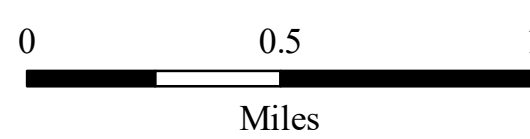
ROAD CLASSIFICATION

- | | | | |
|---------------|------------------|-----------------|----------|
| Expressway | | Local Connector | |
| Secondary Hwy | | Local Road | |
| Ramp | | 4WD | |
| | Interstate Route | | US Route |
| | State Route | | |



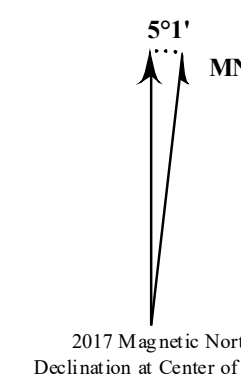
Black Hammer Hill Quadrangle, North Dakota

Scale 1:24,000



Lambert Conformal Conic Projection
North American 1983 Datum
USGS 7.5 Minute Topo Map

Standard Parallels: 47°45'0"N, 47°52'30"N
NGVD 1988
Contour Interval 5 Feet



2017 Magnetic North
Declination at Center of Sheet