

Areas of Landslides

Garrison NE Quadrangle, North Dakota

Christopher A. Maike

2023

UNIT DESCRIPTIONS

 Geology Undifferentiated

QUATERNARY SYSTEM










RECENT/PLEISTOCENE

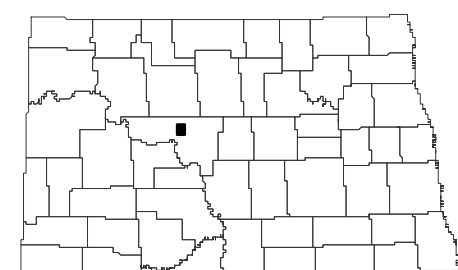
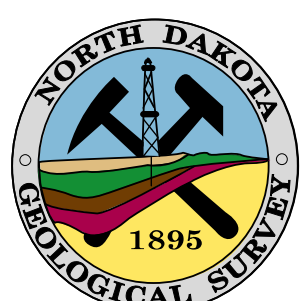
 Qm1 Abandoned Mine Lands

Surface underlain by voids created by the underground mining of lignite. Collapse of the mine voids often creates sinkholes or depressions at the surface.

Landslides identified on this quadrangle were mapped from stereo pairs, black and white 1:20,000 scale aerial photographs flown in 1958 by the United States Department of Agriculture (USDA). Additional data sources include digital orthophotography from the USDA National Agriculture Imagery Program (NAIP) flown in August to October 2021 and the North Dakota Geological Survey LiDAR Map Series, which compiles raw data flown in October 2021 from the North Dakota State Water Commission.

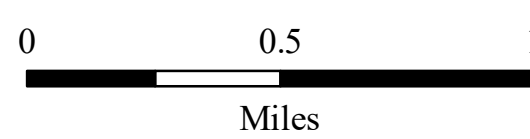
ROAD CLASSIFICATION

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



Garrison NE Quadrangle, North Dakota

Scale 1:24,000



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

Standard Parallels: 47°37'30"N, 47°45'0"N
NGVD 1988
Contour Interval 10 Feet

