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UNIT DESCRIPTIONS

RECENT/PLEISTOCENE

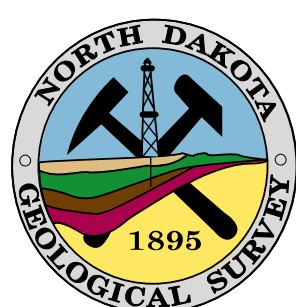
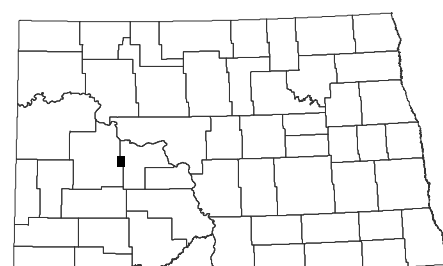
Landslide areas showing movement between 2008 and 2024.

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

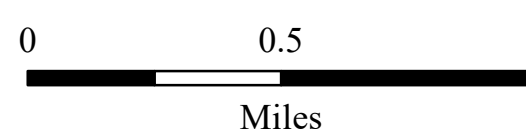
Areas of recently active landslides (Qlsa) mapped on this quadrangle were identified from changes between the 2008 and 2024 LiDAR elevation datasets observed on an elevation subtraction raster. Noise introduced from data precision (typically within a foot between the LiDAR datasets) is removed on this raster by excluding the signal from elevation change in the +/- 1 foot interval. Geologists interpret areas of landslide movement in geomorphic context (typically a decrease in elevation near a landslide headscarp paired with an increase in elevation downslope near the toe) and delineate those areas within the larger landslide dataset. Landslides not identified as recently active may have also experienced movement relatively recently, but did not show discernable signs of movement during the 2008 to 2024 window between LiDAR collects.

Slope Failure Statistical Summary				
Map Unit	No. of Landslides	Mapped Landslide Area		Map Area %
		acres	m ²	
Total Landslides (Qls & Qlsa)	92	119	481,529	0.4
Recently Active Landslides (Qlsa)	4	6	26,170	0.02
5.4% of the mapped landslide area was active between 2008 and 2024				

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

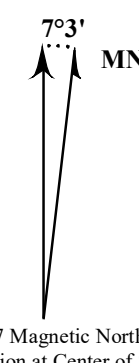


Scale 1:24,000



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

Standard Parallels 47°15'0"N, 47°22'30"N
NGVD 1929
Contour Interval 20 Feet



2017 Magnetic North
Declination at Center of Sheet