

Areas of Landslides

White Butte East Quadrangle, North Dakota

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2023

UNIT DESCRIPTIONS

 Geology Undifferentiated

QUATERNARY SYSTEM













RECENT/PLEISTOCENE

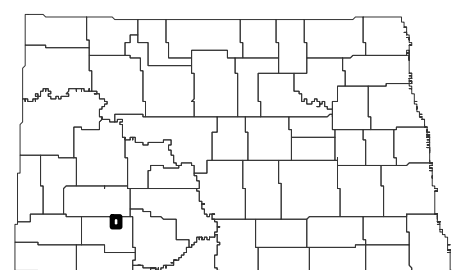
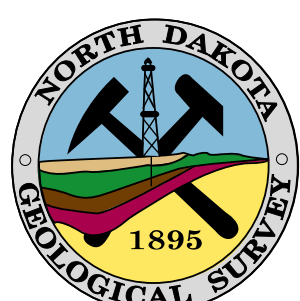
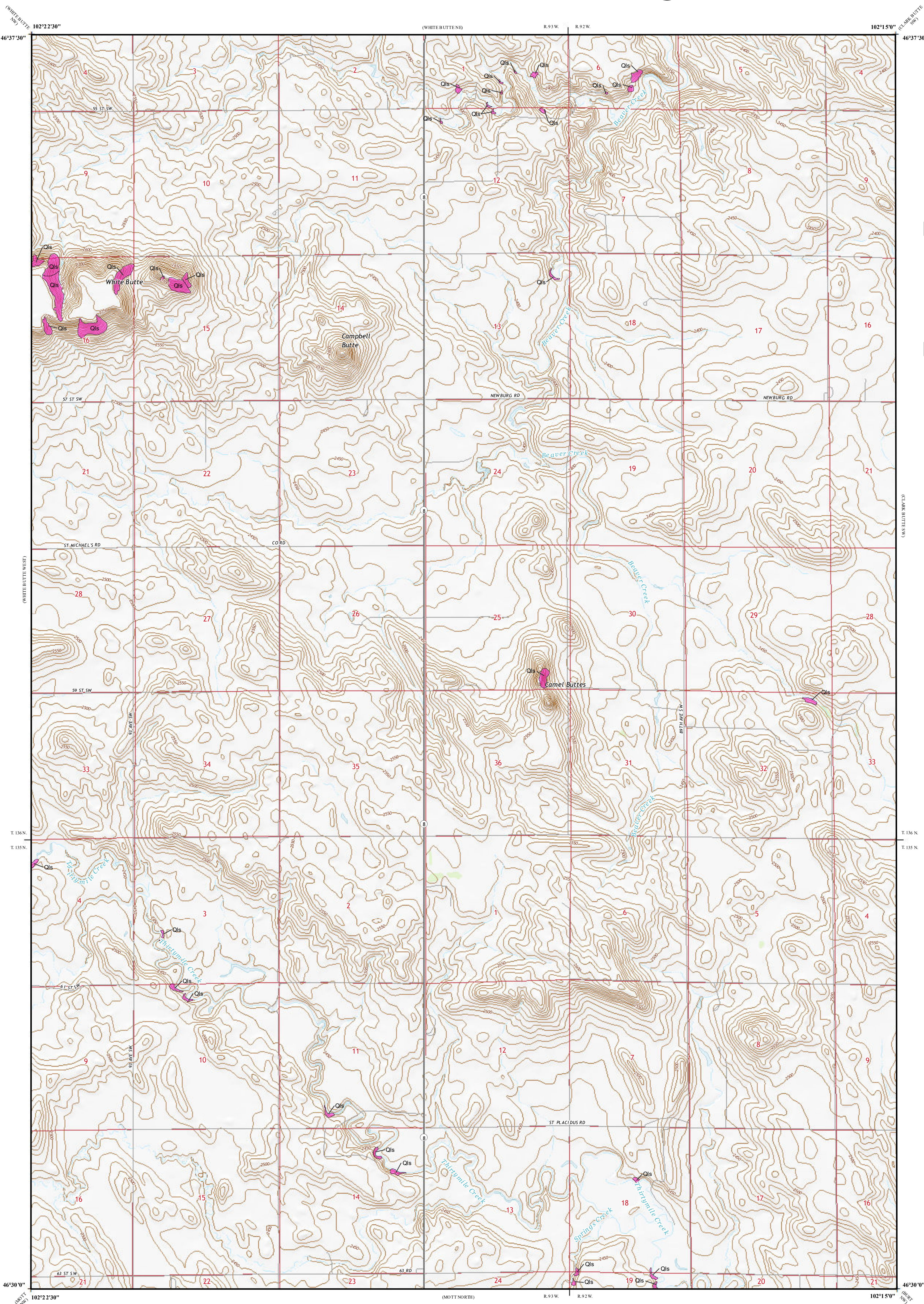
 Qls Landslide Deposits

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 July 1957 by the United States Department of Agriculture (USDA). Additional data sources include digital orthophotography from the USDA National Agriculture Imagery Program (NAIP) flown in October 2021 and the North Dakota Geological Survey LiDAR Map Series, which compiles raw data flown in November 2021 from the North Dakota State Water Commission.

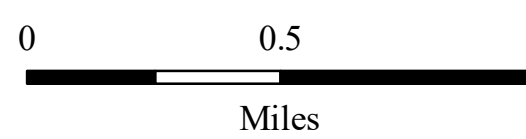
ROAD CLASSIFICATION

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



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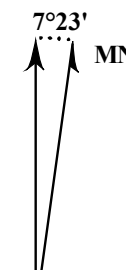
Scale 1:24,000



Miles

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

Standard Parallels 46° 30' N, 46° 37' 30" N
NGVD 1988
Contour Interval 10 Feet



2014 Magnetic North
Declination at Center of Sheet