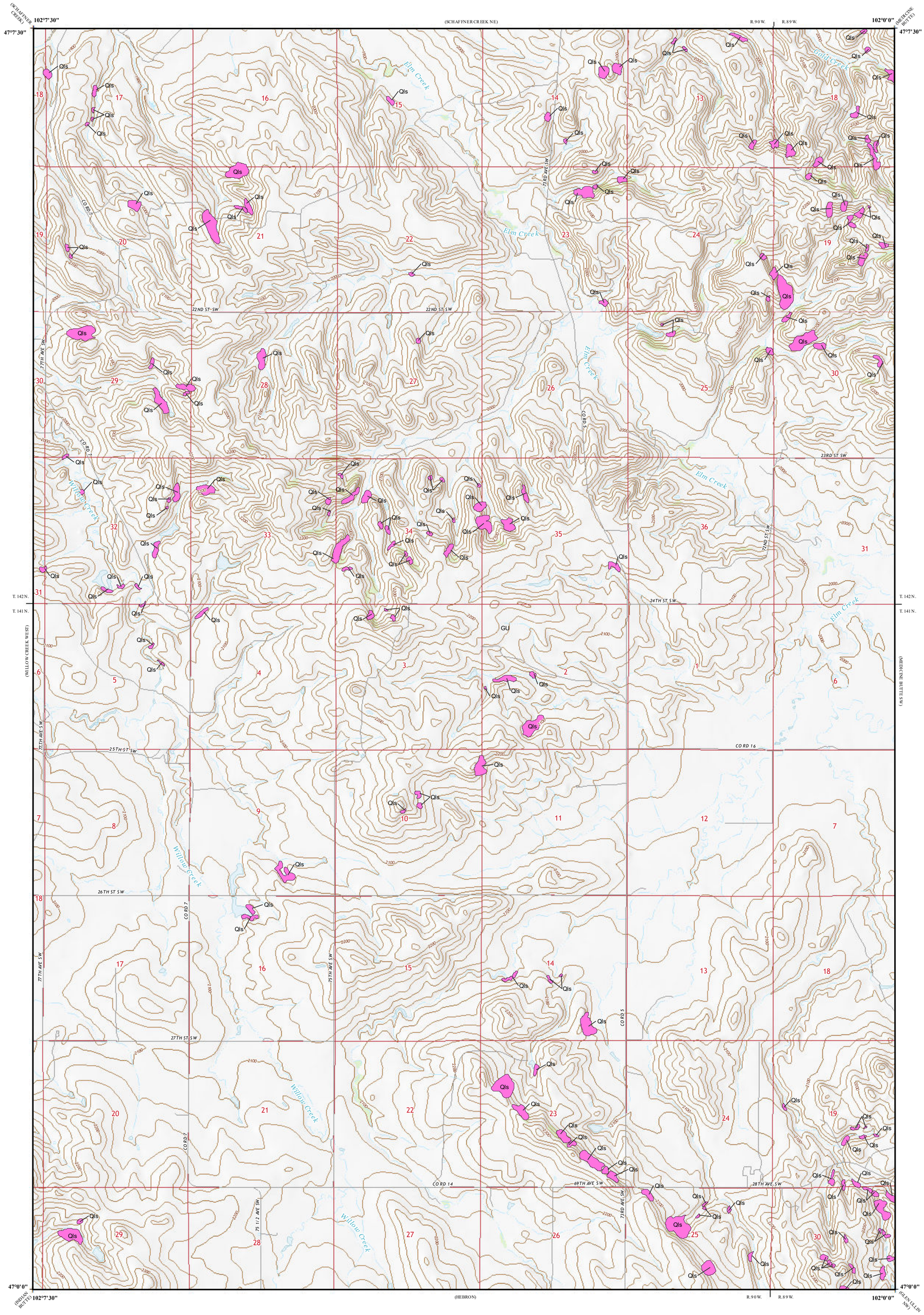
North Dakota Geological Survey
24K: WlCr E - 13

Clint A. Boyd, State Geologist
Nathan D. Anderson, Director Dept. of Mineral Resources

Areas of Landslides
Willow Creek East Quadrangle, North Dakota



Christopher A. Maike
&
Fred J. Anderson

2026

UNIT DESCRIPTIONS

Geology Undifferentiated

QUATERNARY SYSTEM

RECENT/PLEISTOCENE

Qls **Landslide Deposits**

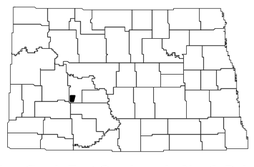
A mass of material that has moved downslope. Includes earth flows, slumps, and areas of soil creep.

Landslides identified on this quadrangle were mapped from stereo pairs, black and white 1:20,000 scale aerial photographs flown in June to September 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 2024 and the North Dakota Geological Survey LiDAR Map Series, which compiles raw data flown in October 2021 to May 2024 from the North Dakota State Water Commission.

ROAD CLASSIFICATION

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

NORTH DAKOTA GEOLOGICAL SURVEY 1895



Willow Creek East Quadrangle, North Dakota

Scale 1:24,000

0 0.5 1

Miles

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

Standard Parallels 47°00"N, 47°730"N
NGVD 1988
Contour Interval 20 Feet



2019 Magnetic North
Declination at Center of Sheet

Cartographic Compilation: Navin Thapa