

Areas of Landslides Fingal Quadrangle, North Dakota

**Christopher A. Maike
&
Levi D. Moxness**

2022

UNIT DESCRIPTIONS

 Geology Undifferentiated

QUATERNARY SYSTEM










RECENT/PLEISTOCENE

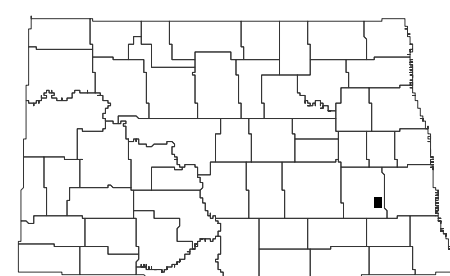
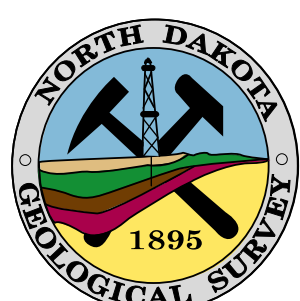
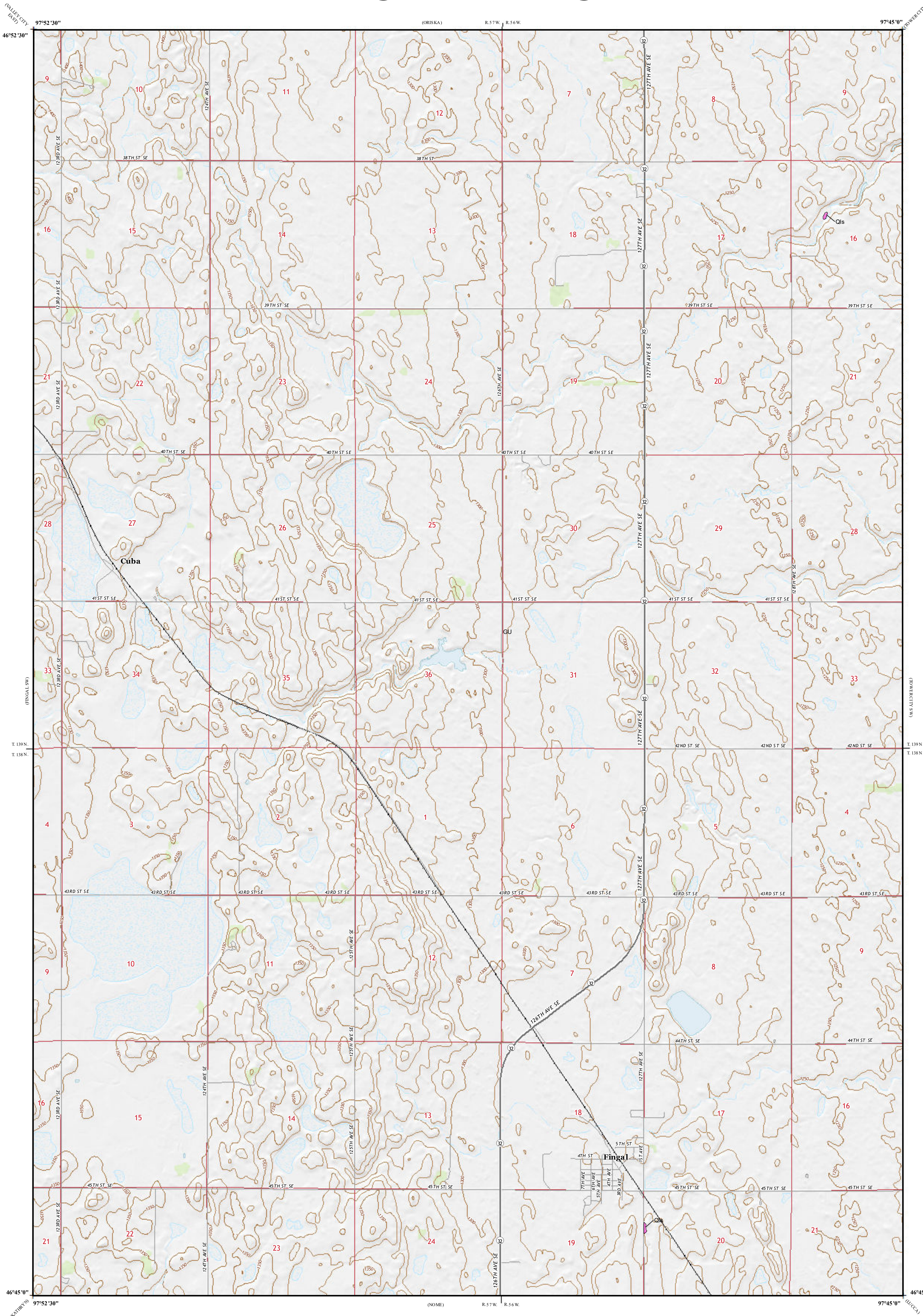
 Qs Landslide Deposits

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 August 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 2021 and the North Dakota Geological Survey LiDAR Map Series, which compiles raw data flown in May to December 2020 from the North Dakota State Water Commission. Landslide mapping originally completed by Moxness in 2017 has been updated on this map after reviewing recently published LiDAR elevation data and contemporary imagery.

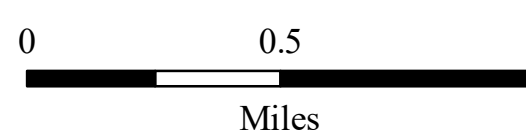
ROAD CLASSIFICATION

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



Fingal Quadrangle, North Dakota

Scale 1:24,000



Miles

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

Standard Parallels: 46°45'0"N, 46°52'30"N
NGVD 1988
Contour Interval 10 Feet

