

# Areas of Landslides

## Alfred Quadrangle, North Dakota

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2025

### UNIT DESCRIPTIONS

 Geology Undifferentiated

### QUATERNARY SYSTEM










### RECENT/PLEISTOCENE

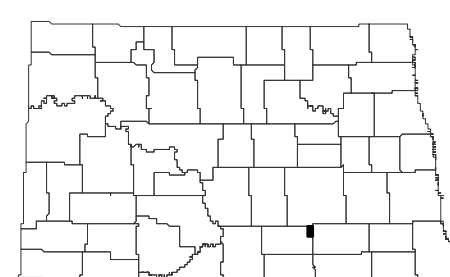
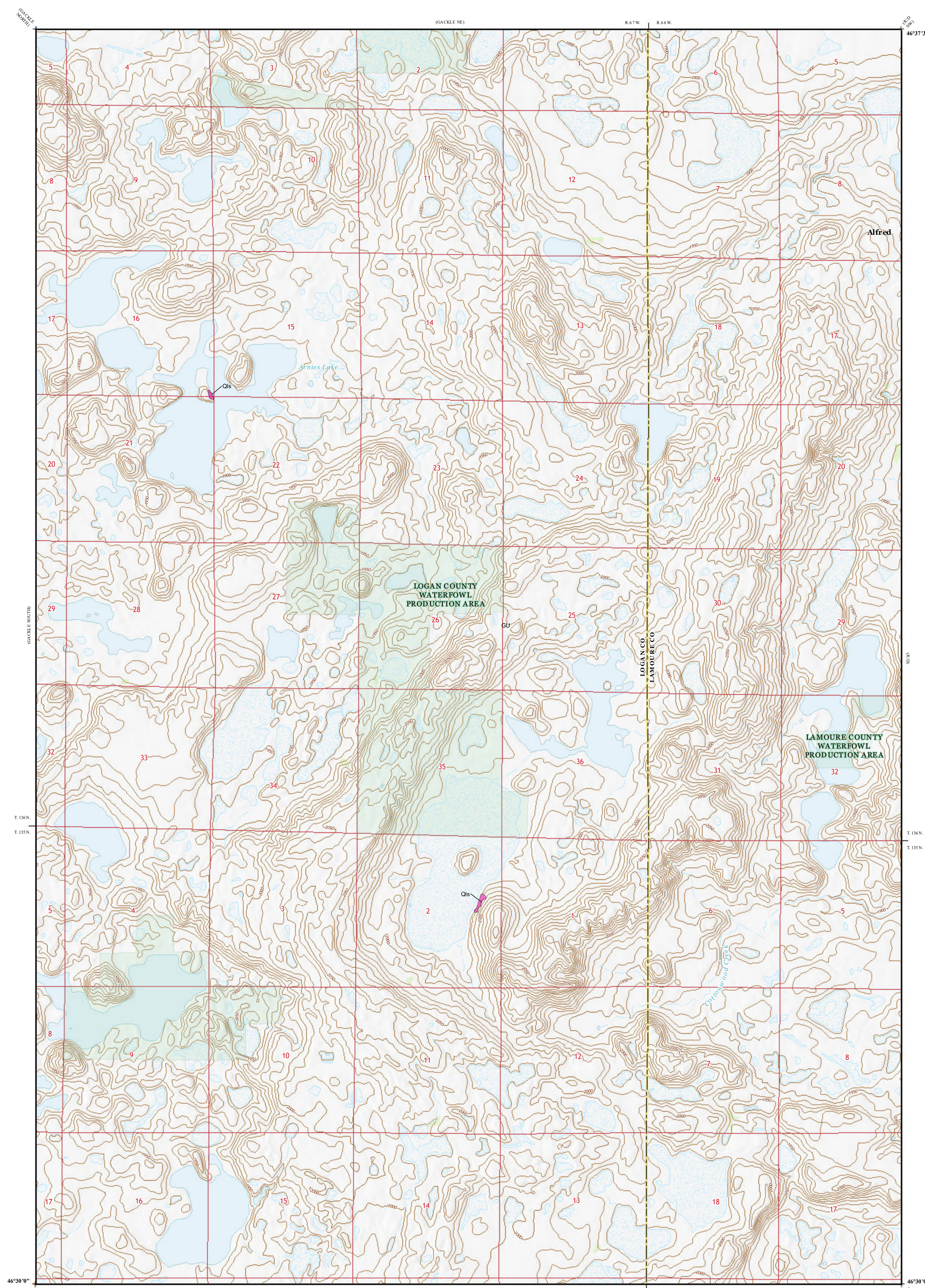
 Qls Landslide Deposits

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 1960 and 1964 by the United States Department of Agriculture (USDA). Additional data sources include digital orthophotography from the USDA National Agriculture Imagery Program (NAIP) flown in July to September 2024 and the North Dakota Geological Survey LiDAR Map Series, which compiles raw data flown in November to December 2020 from the North Dakota State Water Commission.

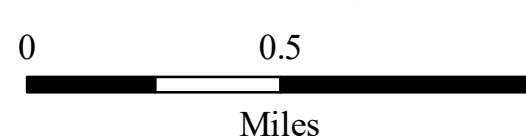
### ROAD CLASSIFICATION

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



Alfred Quadrangle, North Dakota

Scale 1:24,000



Miles

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

Standard Parallels: 46°30'0"N, 46°37'30"N  
NGVD 1988  
Contour Interval 10 Feet

