

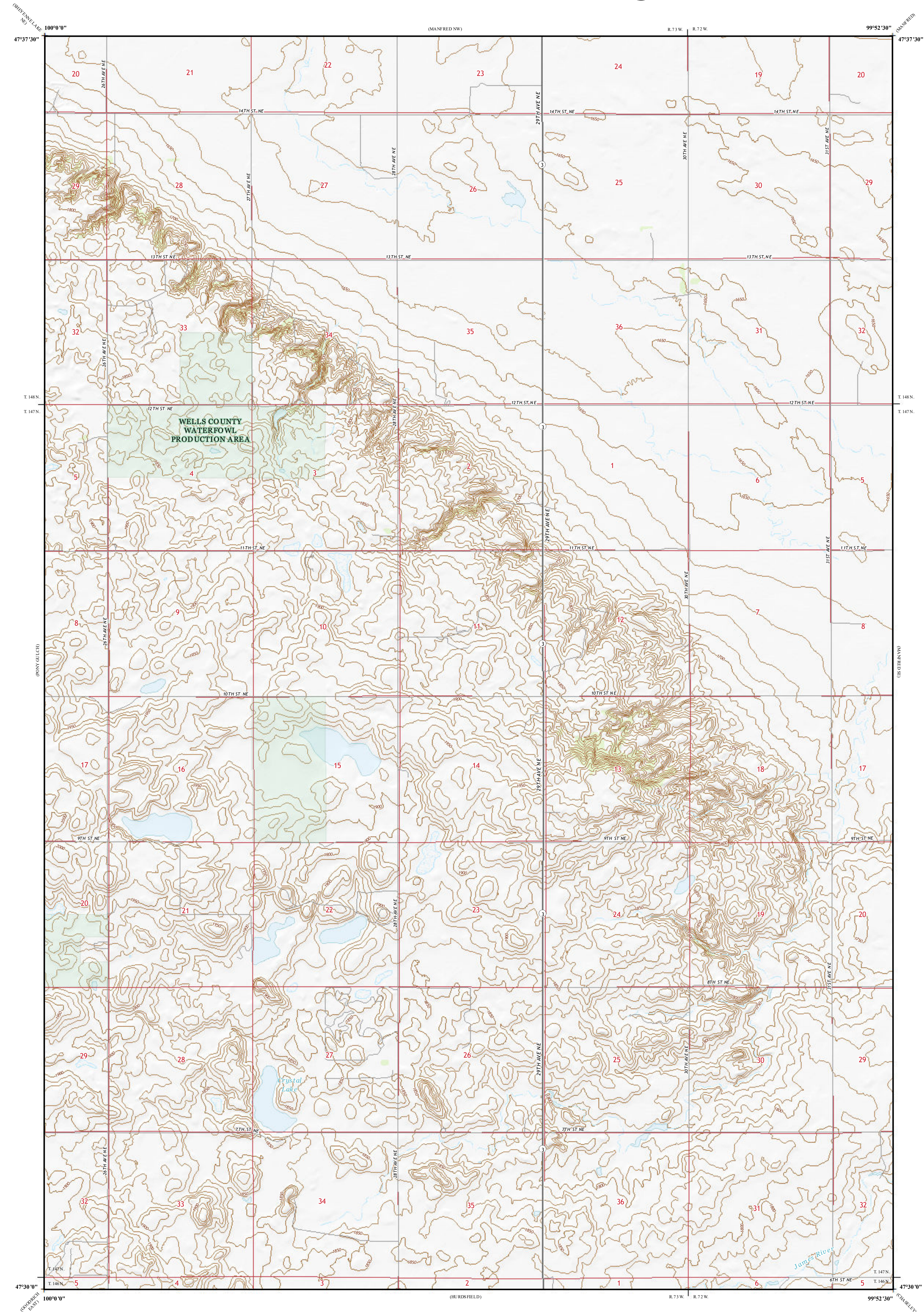
# Areas of Landslides

## Manfred SW Quadrangle, North Dakota

Christopher A. Maike

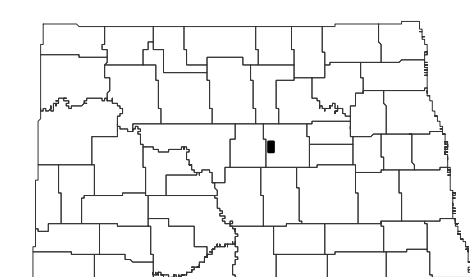
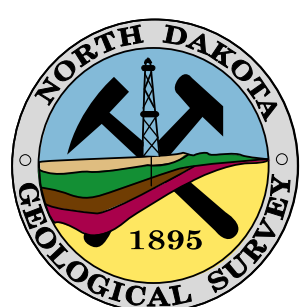
2023

Areas of landslides were investigated within this quadrangle based on a review of county historical aerial photography flown in 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 April 2021 from the North Dakota State Water Commission. From this investigation, no landslides were mapped within the quadrangle.

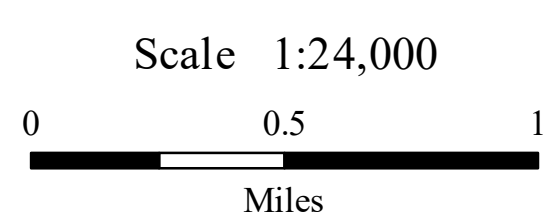


### ROAD CLASSIFICATION

- Expressway (thick red line)
- Secondary Hwy (red line)
- Ramp (red line with blue triangle)
- Local Connector (thin black line)
- Local Road (black line)
- 4WD (dashed black line)
- Interstate Route (blue shield)
- US Route (white shield with black border)
- State Route (white circle with black border)



Manfred SW Quadrangle, North Dakota



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

Standard Parallels: 47°30'0"N, 47°37'30"N  
NGVD 1988  
Contour Interval 10 Feet

