North Dakota Geological Survey
24K: LonB NE - 1

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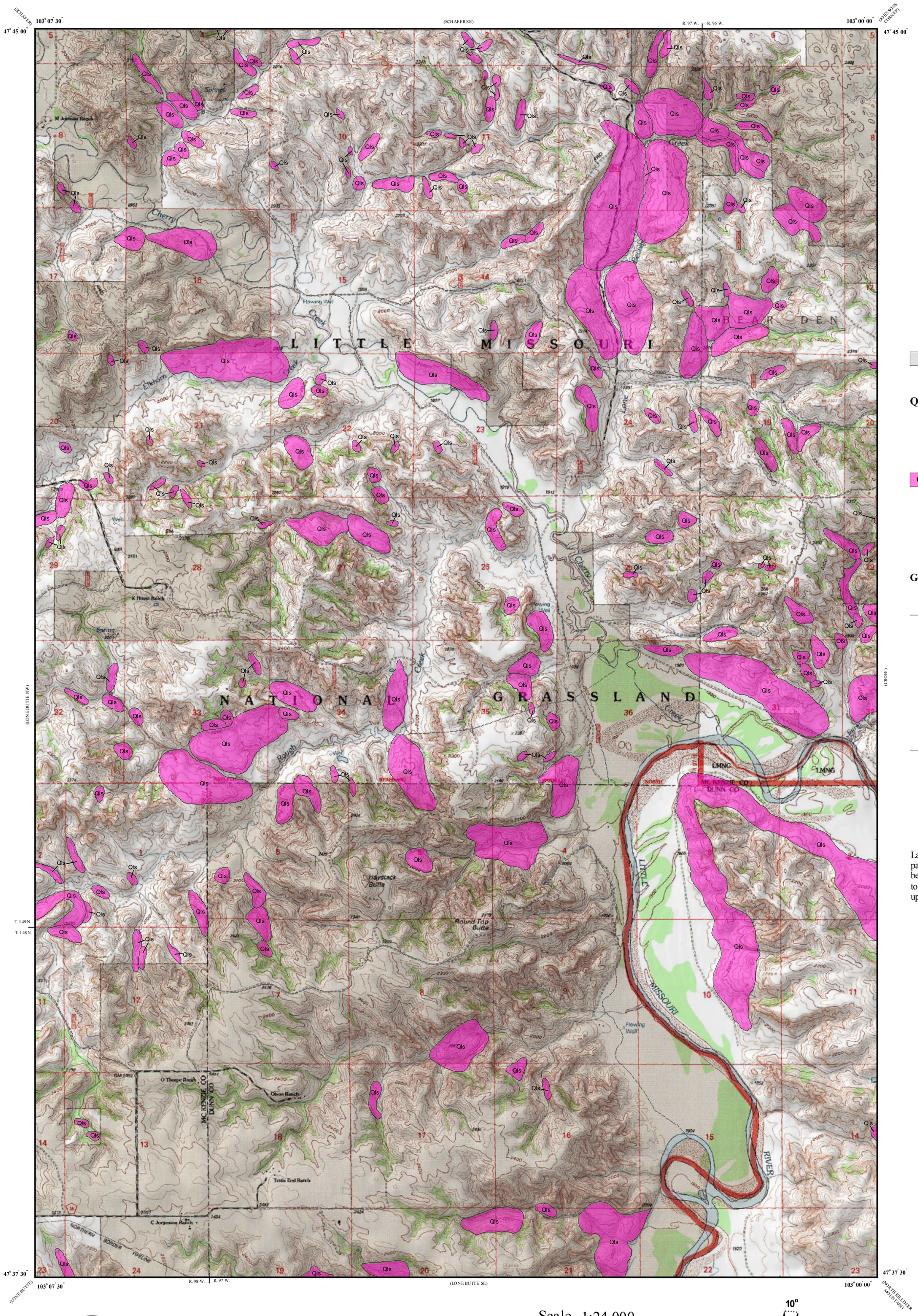
Areas of Landslides
Lone Butte NE Quadrangle, North Dakota



Edward C. Murphy

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UNIT DESCRIPTIONS

Geology Undifferentiated

QUATERNARY SYSTEM

RECENT/PLEISTOCENE

Qls **Landslide Deposits**

Variable mixture of strata and deposits that have slid to the base of steep slopes. Most of the landslides in this area are hundreds, if not thousands, of years old.

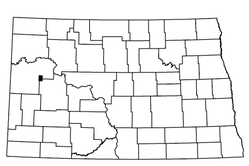
Geologic Symbols

Known contact between two geologic units.

Other Features

Unpaved Road

Landslides identified on this quadrangle were mapped from stereo pairs, black and white 1:20,000 scale aerial photographs flown between 6-21-58 and 9-7-58. As a result these maps can be used to identify areas that are vulnerable to slope failure, but are not an up to date assessment of all landslides for the area.



Lone Butte NE Quadrangle, North Dakota

Scale 1:24,000

0 0.5 1

Miles

Lambert Conformal Conic Projection Standard Parallels 47° 37' 30" and 47° 45' 00"
1927 North American Datum NGVD 1929
USGS 7.5 Minute Topographic Map Contour Interval 20 Feet
Road Layer Rectified to 2003 NAIP Digital Orthophoto

10°
MN

2001 Magnetic North
Declination at Center of Sheet

Cartographic Compilation: E. L. Kadrmas & S.S. Kranich