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DEPARTMENT OF THE INTERIOR
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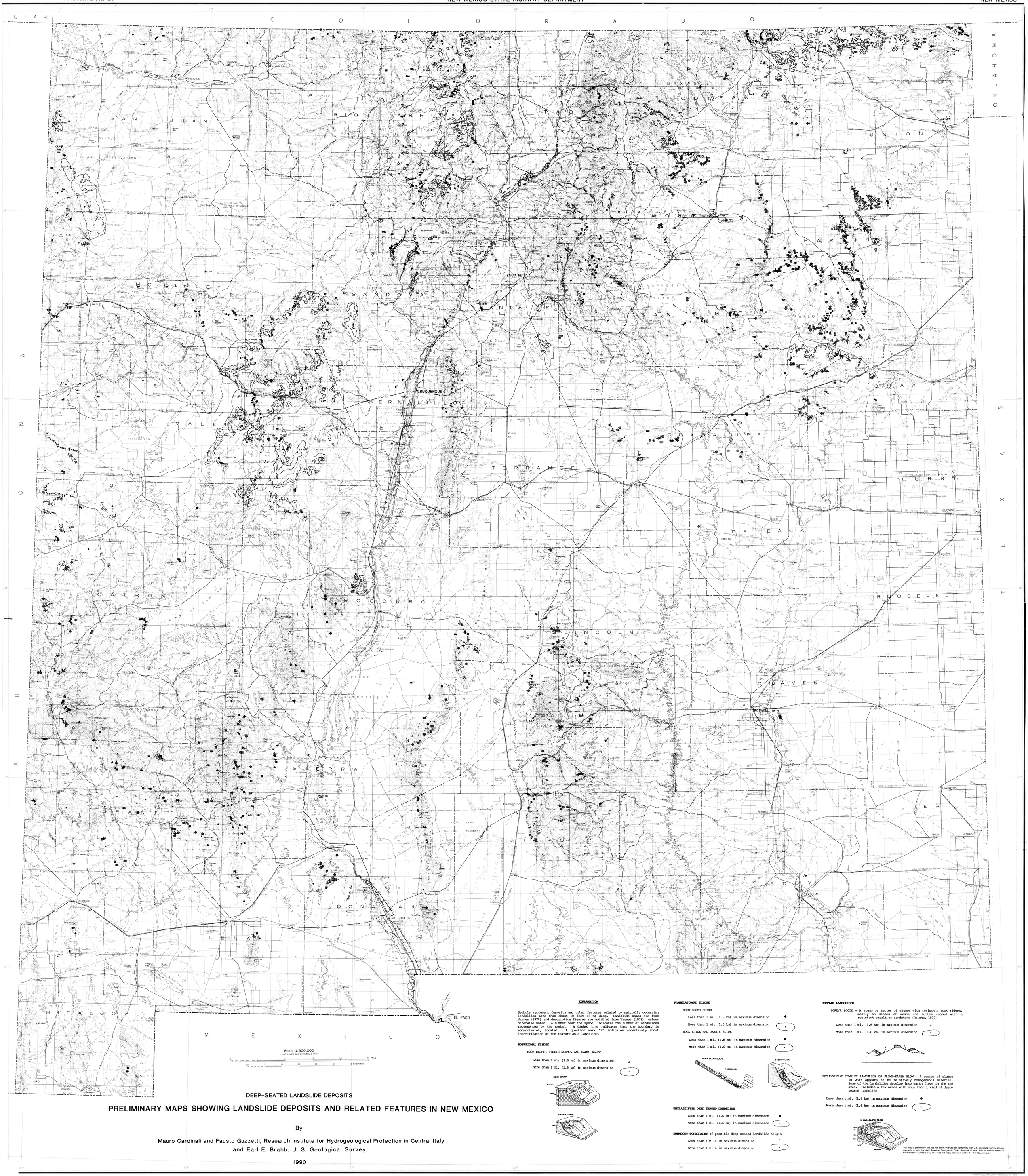

DEEP-SEATED LANDSLIDE DEPOSITS

PRELIMINARY MAPS SHOWING LANDSLIDE DEPOSITS AND RELATED FEATURES IN NEW MEXICO

By

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EXPLANATION

Symbols represent deposits and other features related to naturally occurring landslides more than about 10 feet (3 m) deep. Landslide names are from Varnes (1978) and descriptive figures are modified from Varnes (1978), unless otherwise noted. A number near the symbol indicates the number of landslides represented by the symbol. A dashed line indicates that the boundary is approximately located. A question mark "?" indicates uncertainty about identification of the feature as a landslide.

ROTATIONAL SLIDES

ROCK SLUMP, DEBRIS SLUMP, AND EARTH SLUMP

Less than 1 mi. (1.6 km) in maximum dimension ▲

More than 1 mi. (1.6 km) in maximum dimension 1

ROCK SLUMP

EARTH SLUMP

TRANSLATIONAL SLIDES

ROCK BLOCK SLIDE

Less than 1 mi. (1.6 km) in maximum dimension ◆

More than 1 mi. (1.6 km) in maximum dimension 9

ROCK SLIDE AND DEBRIS SLIDE

Less than 1 mi. (1.6 km) in maximum dimension ■

More than 1 mi. (1.6 km) in maximum dimension 8

ROCK BLOCK SLIDE

DEBRIS SLIDE

UNCLASSIFIED DEEP-SEATED LANDSLIDE

Less than 1 mi. (1.6 km) in maximum dimension ●

More than 1 mi. (1.6 km) in maximum dimension 7

HUMMOCKY TOPOGRAPHY of possible deep-seated landslide origin

Less than 1 mile in maximum dimension "

More than 1 mile in maximum dimension H

COMPLEX LANDSLIDES

TORREVA BLOCK - A slump or series of slumps with resistant rock ridges, mostly on slopes of mesas and buttes capped with a resistant basalt or sandstone (Reiche, 1937)

Less than 1 mi. (1.6 km) in maximum dimension ▪

More than 1 mi. (1.6 km) in maximum dimension T

UNCLASSIFIED COMPLEX LANDSLIDE OR SLUMP-EARTH FLOW - A series of slumps in what appears to be relatively homogeneous material. Some of the landslides develop into earth flows in the toe area. Includes a few areas with more than 1 kind of deep-seated landslide

Less than 1 mi. (1.6 km) in maximum dimension ⊛

More than 1 mi. (1.6 km) in maximum dimension C

SLUMP-EARTH FLOW

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.