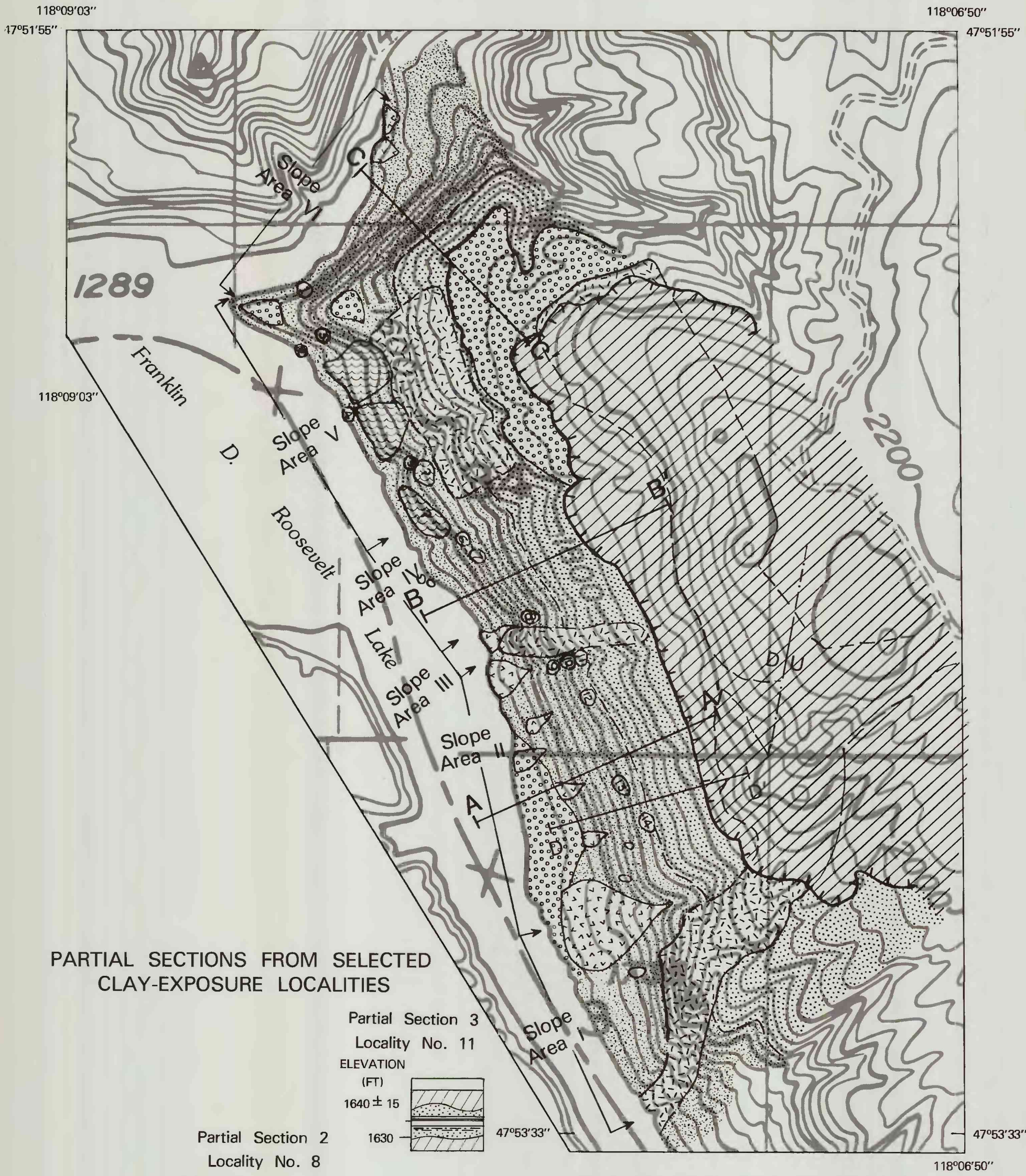


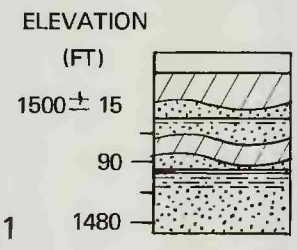
Base from U.S. Geological Survey, Turtle Lake quadrangle, 1950, Scale 1:62,500, expanded to 1:12,000

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

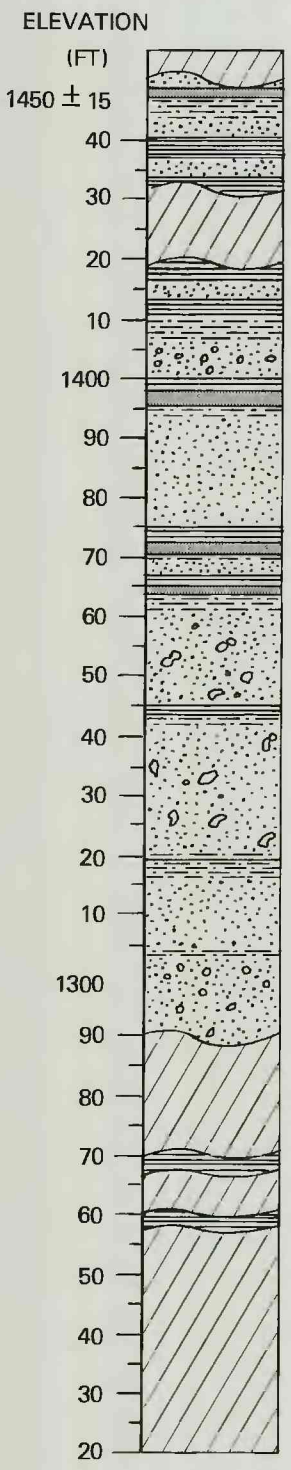
PARTIAL SECTIONS FROM SELECTED CLAY-EXPOSURE LOCALITIES

Partial Section 3
Locality No. 11

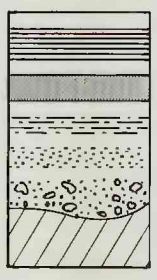
Partial Section 2
Locality No. 8



Partial Section 1
Locality No. 1



EXPLANATION



Varved Clay
Silty Clay
Silt
Sand
Sand and gravel
Covered

MAP EXPLANATION

Bedrock (quartz monzonite or pyroclastics)

Sand and subordinate gravel

Interbedded sand, silt, clay, and gravel

Landslide deposit (inactive-pre-reservoir failures; queried where uncertain.)

Alluvial Fan (R if recent)

Terrace surface (undifferentiated)

Mine area

Contact-Dashed if approximate or indefinite. Contact lines in mine area are taken from Becraft and Weis (1963)

U/D Fault-Dash-dot where approximately located. U, upthrown side; D, downthrown side

Approximate location of spoil-pile boundary. Hachures on spoil-pile side.

③ Clay-exposure locality, localities 1,8, and 11 are also partial-section localities.

D D' Cross-section

Slope Area VI Location of designated slope area

SCALE 1:12 000

½ 0 1 MILE

.5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

PLATE 1.--GEOLOGIC MAP OF THE STUDY AREA.

By
Alan F. Chleborad and Robert L. Schuster
1985