

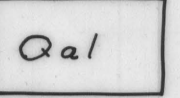
EXPLANATION

Note: see U.S. Geological Survey Misc. Field Studies Map MF-338 (Preliminary photointerpretation map of landslide and other surficial deposits of the Byron Area, Contra Costa and Alameda Counties, California, by Tor H. Nilsen, 1972) for a more detailed explanation of map symbols.

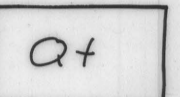


Landslide deposit

Arrows indicate general direction of downslope movement. Queried where uncertain.



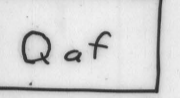
Alluvial deposit



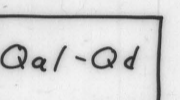
Alluvial terrace deposit
Queried where uncertain



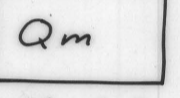
Colluvial deposit and/or small alluvial fan deposit



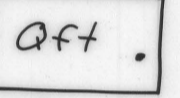
Artificial fill



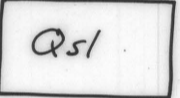
Alluvial and delta deposits undifferentiated



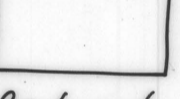
Marshland deposit



Alluvial fan-terrace deposit
Dissected and uplifted
large old alluvial fan with prominent upper surface



Slough deposit



Bedrock
Queried where identification uncertain



Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Alameda County
Culture and drainage in part from photo mosaic by USBR
Topography from plane-table surveys by USGS 1911 and 1952
and by Kesh plotter methods. Aerial photographs taken 1949
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 3
The positions of township and range numbers in
unsectioned areas are approximate
Unchecked elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
Data shown in purple compiled from aerial photographs
taken 1968. This information not field checked

UTM GRID AND 1983 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000

CONTOUR INTERVAL 5 FEET
CONTOURS INCOMPLETE ALONG EMBANKMENTS AND DITCHES
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Medium duty ——— Light duty
Unimproved dirt - - - - -

QUADRANGLE LOCATION

BETHANY, CALIF.
N3745-W12130/7.5

1952
PHOTOREVISED 1968
AMS 1659 I SE-SERIES V895

PRELIMINARY PHOTOINTERPRETATION MAP OF LANDSLIDE AND OTHER SURFICIAL DEPOSITS OF PART OF
THE BETHANY 7 1/2' QUADRANGLE, ALAMEDA AND CONTRA COSTA COUNTIES, CALIFORNIA

by
Tor H. Nilsen
1975

THIS MAP IS PRELIMINARY AND HAS NOT BEEN EDITED OR REVIEWED FOR CONFORMITY WITH U.S. GEOLOGICAL SURVEY STANDARDS AND NOMENCLATURE

U.S. GEOLOGICAL SURVEY
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JUN 21 1965
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