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EXPLANATION

Note: see U.S. Geological Survey Misc. Field Studies Map MF-493 (Preliminary photointerpretation map of landslides and other surficial deposits of the Concord 15 minute quadrangle and the Oakland West, Richmond and part of the San Quentin 7 1/2 minute quadrangles, Contra Costa and Alameda Counties, California, by Tor H. Nilsen 1973) for a more detailed explanation of map symbols.

Landslide deposit
Arrows indicate general direction of downslope movement. Queried where identification uncertain.

- Qal Alluvial deposit
- Qme Merritt sand
- Beach or nearshore deposit
- Colluvial deposit and/or small alluvial-fan deposit
- Qaf Artificial fill
- Bedrock
- Queried where uncertain
- X Quarry or gravel pit

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Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Alameda Co.
Topography from aerial photographs by photogrammetric methods
and by planetarium surveys 1947. Revised from aerial photographs
taken 1958. Field check 1959.
Hydrography compiled from USC&GS chart 5535 (1958)
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 3
3000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue.
Dotted land lines were established by private survey
Red tint indicates areas in which only landmark buildings are shown
Data shown in purple compiled from aerial photographs
taken 1968. This information not field checked
Purple tint indicates extension of urban area

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET

ROAD CLASSIFICATION
Heavy-duty Light-duty
Medium-duty Unimproved dirt
Interstate Route State Route

OAKLAND EAST, CALIF.
SW 1/4 CONCORD 15 QUADRANGLE
N3745-W12207.5/7.5

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

by /
Tor H. Nilsen
1975

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