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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
EDMUND G. BROWN, GOVERNOR
HARVEY O. BANKS, DIRECTOR OF WATER RESOURCES

PORT CHICAGO QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 CARQUINEZ STRAIT 15' QUADRANGLE

PRELIMINARY PHOTOINTERPRETATION MAP OF LANDSLIDE AND OTHER SURFICIAL DEPOSITS OF THE PORT CHICAGO 7½' QUADRANGLE, CONTRA COSTA AND SOLANO COUNTIES, CALIFORNIA

by

Tor H. Nilsen, Virgil A. Frizzell, and John D. Sims

1975

EXPLANATION

Note: see U.S. Geological Survey Misc. Field Studies Map MF-595 (Preliminary photointerpretation map of landslide and other surficial deposits of the Mare Island and Carquinez Strait 15-minute quadrangles, Contra Costa, Marin, Napa, Solano, and Sonoma Counties, California, by Virgil A. Frizzell, Jr., John D. Sims, Tor H. Nilsen, and John A. Bartow, 1974) for a more detailed explanation of map symbols.

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

Qal
Alluvial deposit

Qt
Alluvial terrace deposit
Queried where uncertain

Colluvial deposit and/or small alluvial fan deposit

Qaf
Artificial fill

Qm
Marshland deposit

Qsl
Slough deposit
Queried where uncertain

b?
Bedrock
b? - indicates uncertain identification northwest of Suisun Bay

Quarry or gravel pit

SPECIAL PRINTING
Contours and woodland symbols omitted

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

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods and by planetable surveys 1950
Revised from aerial photographs taken 1958. Field check 1959

Hydrography compiled from USC&GS charts 5534, 5574 (1958) and 5575 (1957)

Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zones 2 and 3
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

Red tint indicates areas in which only landmark buildings are shown

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

Revisions shown in purple compiled from aerial photographs taken 1968. This information not field checked

Purple tint indicates extension of urban areas

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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 4 FEET

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

CALIF
QUADRANGLE LOCATION

PORT CHICAGO, CALIF.
SE/4 CARQUINEZ STRAIT 15' QUADRANGLE
N3800—W12200/7.5

1959
PHOTOREVISED 1968
AMS 1560 II SE—SERIES V895

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

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U.S. Geological Survey.
Preliminary photointerpretation maps of landslide and other surficial deposits of 56-7 1/2 minute quadrangles, Alameda, Contra Costa and Santa Clara Counties, Calif. 1975.
[Reports. Open file series.]

PORT CHICAGO