UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
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U.S. GEOLOGICAL SURVEY
OPEN FILE MAP
75-277-20

HONKER BAY QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 PITTSBURG 15' QUADRANGLE

EXPLANATION

Note: see U.S. Geological Survey Misc Field Studies Map MF-322 (Preliminary photo interpretation map of landslide and other surficial deposits of parts of the Pittsburg and Rio Vista 15-minute quadrangles, Contra Costa and Solano Counties, California, by John D. Sims and Tor H. Nilsen, 1972) 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

Qsl — Slough deposit

Qm — Marshland deposit

Bedrock
Queried where identification uncertain

Quarry or gravel pit

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part by USC&GS from aerial photographs taken 1941
Topography by plane-table surveys 1906–07 and by Kelsh plotter methods from aerial photographs taken 1949. Contour revision and field check 1953

Hydrography compiled from USC&GS Chart 5534

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zones 2 and 3

Dashed land lines indicate approximate locations

Red tint indicates areas in which only landmark buildings are shown

1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS
CONTOURS INCOMPLETE ALONG EMBANKMENTS AND DITCHES
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 AVERAGE 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

QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs taken 1968. This information not field checked
Purple tint indicates extension of urban areas

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

HONKER BAY, CALIF.
SW/4 PITTSBURG 15' QUADRANGLE
N3800—W12152.5/7.5
1953
PHOTOREVISED 1968
AMS 1660 III SW—SERIES V895

SPECIAL PRINTING
Contours and woodland symbols omitted

PRELIMINARY PHOTOINTERPRETATION MAP OF LANDSLIDE AND OTHER SURFICIAL DEPOSITS OF PART OF THE HONKER BAY 7½' QUADRANGLE, CONTRA COSTA COUNTY, 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

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