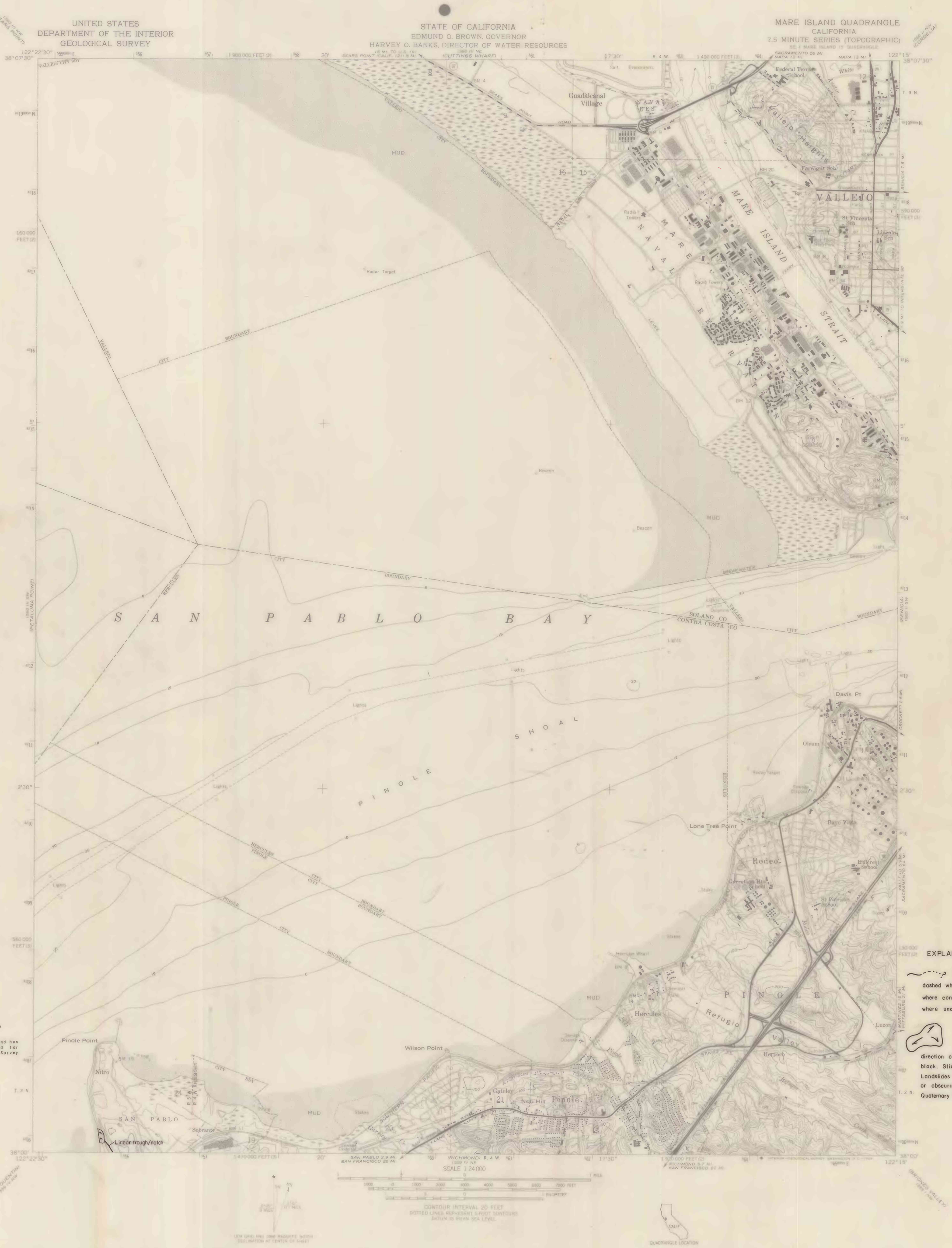
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 78-308
SHEET 1 OF 8



U. S. Geological Survey
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This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature

EXPLANATION

Fault trace; location dashed where approximate, dotted where concealed, and queried where uncertain.

Landslide; arrows show direction of past movement of slide block. Slide may be locally active. Landslides shown only where cut by or obscuring faults showing Quaternary displacement.

Blanchard, F. B., and Laverty, C. T., 1966, Displacements in the Claremont water tunnel at the intersection with the Hayward fault: Seismol. Soc. America Bull. v. 56, no. 2, p. 291-293.

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Nason, R. D., 1971, Investigation of the fault creep slippage in northern and central California: California Univ., San Diego, Ph.D. thesis, 231 p.

Radbruch, D. H., and Lennert, B. J., 1966, Damage to the culvert under Memorial Stadium, University of California, Berkeley, caused by slippage on the Hayward fault zone: Seismol. Soc. America Bull., v. 56, no. 2, p. 295-304.

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Radbruch-Hall, D. H., 1974, Map showing recently active breaks along the Hayward fault zone and the southern part of the Calaveras fault zone, California: U.S. Geol. Survey Misc. Inv. Series Map I-813. 2 sheets, scale 1:24,000.

MAP OF QUATERNARY FAULTING ALONG THE NORTHERN HAYWARD FAULT ZONE; MARE ISLAND, RICHMOND, BRIONES VALLEY, OAKLAND WEST, OAKLAND EAST, SAN LEANDRO, HAYWARD, AND NEWARK 7 1/2′ QUADRANGLES, CALIFORNIA

BY DARRELL G. HERD

1978