



EXPLANATION

Note: see U.S. Geological Survey Misc. Field Studies Map MF-519 (Preliminary photointerpretation map of landslide and other surficial deposits of the Livermore and part of the Hayward 15-minute quadrangles, Alameda and Contra Costa 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 uncertain.
- Alluvial deposit
- Alluvial terrace deposit  
Queried where uncertain
- Colluvial deposit and/or small alluvial fan deposit
- Artificial fill
- Marshland deposit
- Merritt sand  
Beach or nearshore deposit
- Bedrock  
Queried where identification uncertain

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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.

SAN LEANDRO

U.S. GEOLOGICAL SURVEY  
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Mapped, edited, and published by the Geological Survey  
Director by USGS, USC&S, and USCE  
Topography from aerial photographs by photogrammetric methods  
Contour interval 20 feet

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
DASHED LINES REPRESENT 10-FOOT CONTOURS  
DEPTH CURVES IN FEET—DASHED LINES LOWER LOW WATER  
SHORELINE SHOWS APPROXIMATE POSITION OF MEAN HIGH WATER  
THE PEAK RANGE OF THIS IS INDICATED BY FEET

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

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

SAN LEANDRO, CALIF.  
N37°35'—W122°07'57.5"

PRELIMINARY PHOTOINTERPRETATION MAP OF LANDSLIDE AND OTHER SURFICIAL DEPOSITS OF THE  
SAN LEANDRO 7 1/2 QUADRANGLE, ALAMEDA 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