

U. S. GEOLOGICAL SURVEY
504 CUSTOM HOUSE
SAN FRANCISCO, CALIFORNIA 94111

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.

Qal

Alluvial deposit

Q+

Alluvial terrace deposit
Queried where uncertain

Colluvial deposit and/or
small alluvial fan deposit

Qaf

Artificial fill

Bedrock

Queried where identification uncertain

Quarry or gravel pit

SCALE 1:24,000

1 MILE

1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

CONTOUR INTERVAL 40 FEET

DOTTED LINES REPRESENT 10-FOOT CONTOURS

DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Heavy-duty ————— Light-duty —————

Medium-duty - - - - - Unimproved dirt

 Interstate Route  State Route

LA COSTA VALLEY, CALIF.
SE/4 LIVERMORE 15' QUADRANGLE
N3730—W12145/7.5
1960
PHOTOREVISED 1968
AMS 1659 III SE—SERIES V895

PRELIMINARY PHOTOINTERPRETATION MAP OF LANDSLIDE AND OTHER SURFICIAL DEPOSITS OF THE
LA COSTA VALLEY 7 1/2' QUADRANGLE, ALAMEDA COUNTY, CALIFORNIA

by
Tor H. Nilsen
1975

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

ECOLOGICAL SURVEY
MENLO PARK
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