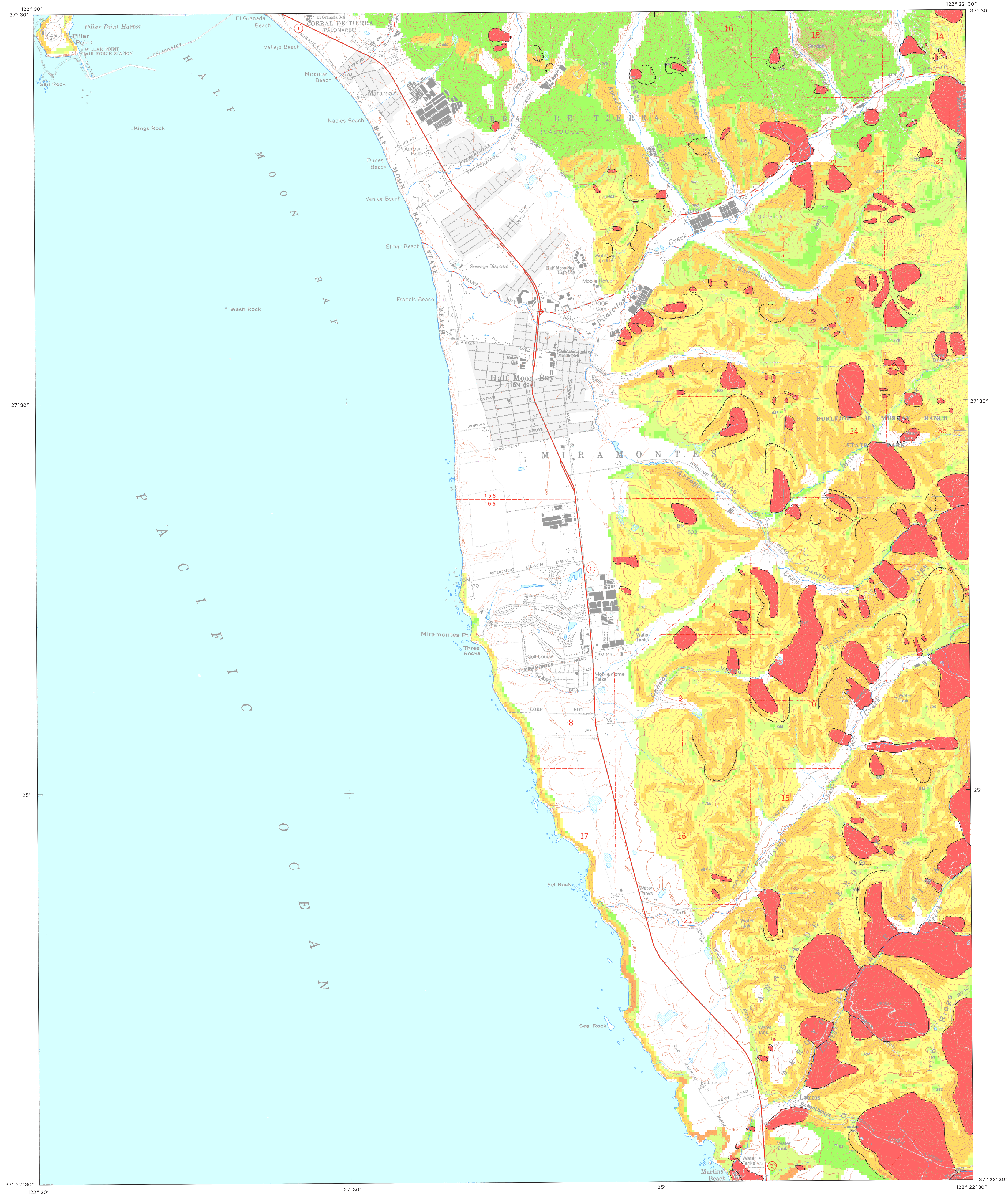


**DEEP-SEATED LANDSLIDE SUSCEPTIBILITY MAP FOR THE HALF MOON
 BAY QUADRANGLE, SAN MATEO COUNTY, CALIFORNIA**
 by Sebastian Roberts and Suzanne K. Mills

Based on the landslides published by Earl E. Brabb and Earl H. Pampeyan(1972), and the landslide
 susceptibility matrix published by Earl E. Brabb, Earl H. Pampeyan, and Manuel G. Bonilla (1978)



The susceptibility model is based on the matrix published in Brabb, E.E., Pampeyan, E.H., Bonilla, M.G., Landslide Susceptibility in San Mateo County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-360, scale 1:62,500.

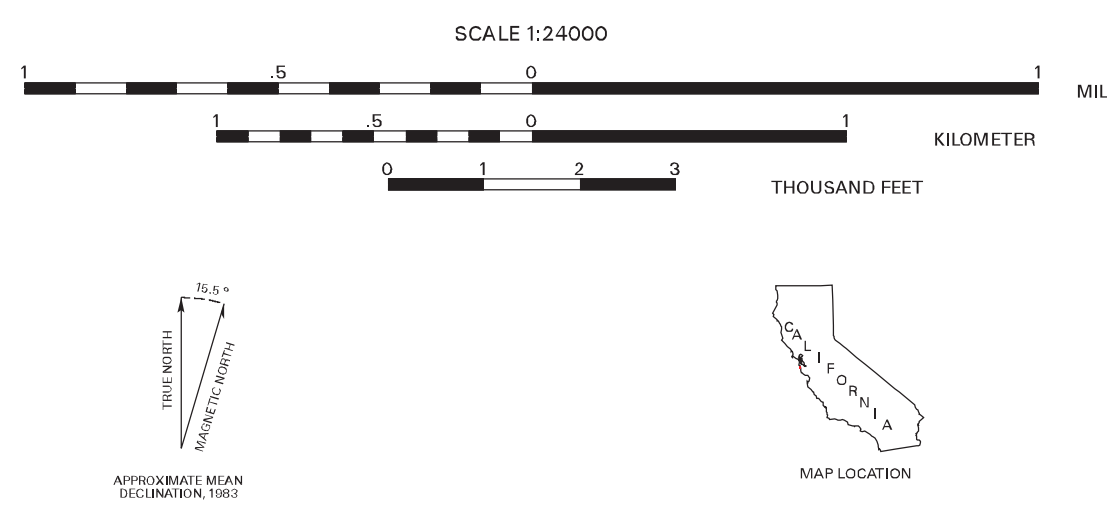
Landslides derived from Pampeyan, E.H., 1994 Geologic Map of the Monterey Mountain and San Mateo 7.1/2' Quadrangle, San Mateo County, California: U.S. Geological Survey Miscellaneous Investigation Series Map I-2390, scale 1:24,000.

Base from Digital Raster Graphic (DRG) Topographic Base Map, U.S. Geological Survey Reston, Virginia, scale 1:24,000 Universal Transverse Mercator projection, Zone 10.

This map is a plot derived from data contained in the digital database Open-File Report 00-127, "Possible Costs Associated with Investigating and Mitigating Some Geologic Hazards in Rural Parts of San Mateo County, California." A PostScript image of this map is included in the Open-File Report, but the Open-File Report does not contain a paper copy of this map. The Open-File Report consists of the digital data and a pamphlet explaining the database and indicating how to obtain the data from which this map was prepared as well as the PostScript image of the map.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

This database, identified as "Possible Costs Associated with Investigating and Mitigating Some Geologic Hazards in Rural Parts of San Mateo County, California" has been approved for release and publication by the Director of the USGS. Although this database has been subjected to rigorous review and is substantially complete, the USGS reserves the right to revise the data pursuant to further analysis and review. Furthermore, it is released on condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use.



EXPLANATION

| | |
|-------------------|--|
| I | Least susceptible |
| II | Low susceptibility |
| III | Moderate susceptibility |
| IV | Moderately high susceptibility |
| V | High susceptibility |
| VI | Very high susceptibility |
| Red | Highest susceptibility (Landslide prior to 1963) |
| --- (dashed line) | Landslide escarpment |
| — (solid line) | Landslide boundary |

**POSSIBLE COSTS ASSOCIATED WITH INVESTIGATING AND MITIGATING SOME GEOLOGIC
 HAZARDS IN RURAL PARTS OF SAN MATEO COUNTY, CALIFORNIA**

By Earl E. Brabb, Sebastian Roberts, William R. Cotton,
 Alan L. Kropp, Robert H. Wright, and Erik N. Zinn
 2000