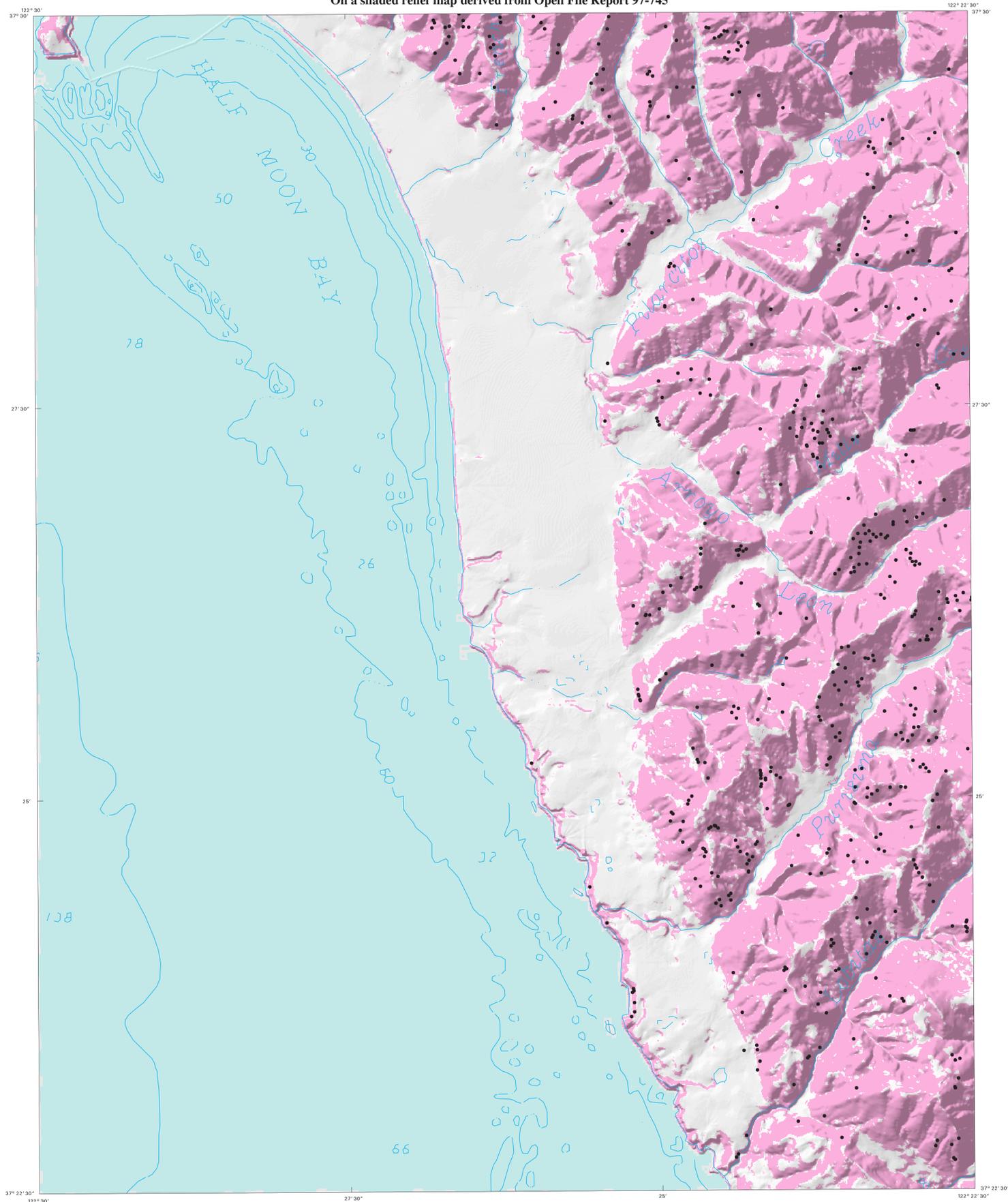


**SLOPES STEEPER THAN 15 PERCENT WHERE DEBRIS FLOWS MIGHT OCCUR DURING HEAVY RAINFALL
IN THE HALF MOON BAY QUADRANGLE, SAN MATEO COUNTY, CALIFORNIA**

By Sebastian Roberts, Earl E. Brabb, and Suzanne K. Mills
On a shaded relief map derived from Open File Report 97-745



Debris flow origin points and shaded relief from Ellen, S.D., Mark, P.C., Wiczorek, G.F., Wentworth, C.M., Ramsey, D.W., and May, T.E., San Francisco Bay Region, Landslide Folio, U.S. Geological Survey Open File Report 97-745 scale, 1:125,000

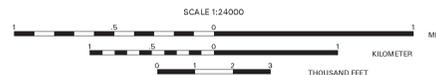
Drainage base from U.S. Geological Survey Bay Region Topographic Sheets, 1970 scale 1:125,000 (Aiken, D.S., 1997, USGS OFR 97-500)

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

- Slopes steeper than 15%
- Approximate source of debris flows triggered during the storm of January 1982

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

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2000