



Base from U.S. Geological Survey, 1:24,000 Devore, 1966; El Casco, Redlands, Sunnymead, Keller Peak, 1967; Fontana, Harrison Mtn., Riverside East, Riverside West, San Bernardino North, San Bernardino South, Yucaipa, 1967 (photorevised 1973).

LIMITATIONS

This map is subject to the limitations described in the accompanying text. The map identifies generalized regional patterns of liquefaction susceptibility rather than local conditions, and therefore cannot be used to determine the degree of liquefaction susceptibility at specific sites. Moreover, the map only addresses liquefaction susceptibility; the level of hazard created by liquefaction-induced ground failures is not addressed. The boundaries between susceptibility zones will shift as ground-water conditions change.

LIQUEFACTION SUSCEPTIBILITY MAP OF THE SAN BERNARDINO VALLEY AND VICINITY FOR AN M_S=6.75 EARTHQUAKE ON THE CUCAMONGA FAULT

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Geology compiled from published and unpublished 1:24,000-scale geologic quadrangle maps as follows: the Devore quadrangle (D.M. Morton and J.C. Matti, unpublished mapping, 1975-1986); the San Bernardino North quadrangle (Miller, 1979; S.E. Carson and J.C. Matti, unpublished mapping, 1980-1986); the Harrison Mtn. quadrangle (S.E. Carson and J.C. Matti, unpublished mapping, 1980-1986); the San Bernardino South quadrangle (Morton, 1978a; J.C. Matti and S.E. Carson, unpublished mapping, 1980-1986); the Redlands quadrangle (Morton, 1978b; J.C. Matti and S.E. Carson, unpublished mapping, 1980-1986); the Yucaipa quadrangle (J.C. Matti, D.M. Morton, S.E. Cox, S.E. Carson, and T.J. Yetter, unpublished mapping, 1975-1986); the Sunnymead quadrangle (Morton, 1978c); and the El Casco quadrangle (J.C. Matti and D.M. Morton, unpublished mapping, 1975-1986).

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.