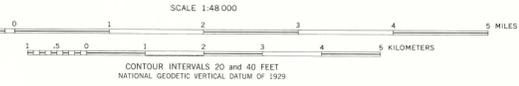


Based from U.S. Geological Survey, 1:24,000 Diavros, 1986; El Cerrito, Redlands, Sumner, Keller Peak, 1987; Fontaine, Hesperia Hills, Riverside East, Riverside West, San Bernardino North, San Bernardino South, Yucaipa, 1987 (unpublished).

LIMITATIONS

This map is subject to the limitations described in the accompanying text. The map identifies general 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 failure is not addressed. The boundaries between susceptibility zones will shift as ground-water conditions change.



Geology compiled from published and unpublished 1:24,000-scale geologic quadrangle maps as follows: The Diavros quadrangle (D.M. Morton and J.C. Mein, unpublished mapping, 1975-1980); the San Bernardino North quadrangle (Morton, 1979; S.E. Carson and J.C. Mein, unpublished mapping, 1980-1986); the Hesperia Hills quadrangle (S.E. Carson and J.C. Mein, unpublished mapping, 1980-1986); the San Bernardino South quadrangle (Morton, 1979a; J.C. Mein and S.E. Carson, unpublished mapping, 1980-1986); the Redlands quadrangle (Morton, 1979b; J.C. Mein and S.E. Carson, unpublished mapping, 1980-1986); the Yucaipa quadrangle (L.C. Carson and J.C. Mein, unpublished mapping, 1975-1980); the Sumner quadrangle (L.C. Carson and J.C. Mein, unpublished mapping, 1975-1980); the Keller Peak quadrangle (L.C. Mein and D.M. Morton, unpublished mapping, 1975-1980).

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