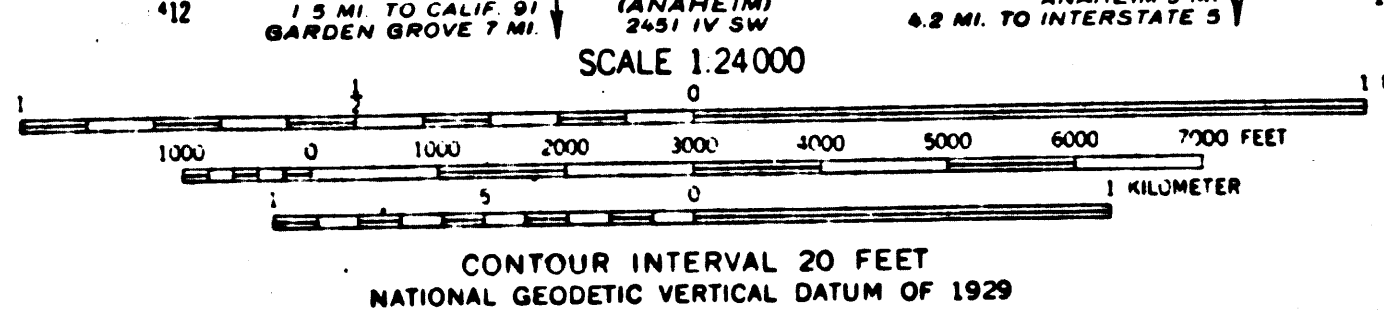


STATE OF CALIFORNIA-PETE WILSON, GOVERNOR
 THE RESOURCES AGENCY DOUGLAS P. WHEELER, SECRETARY
 DEPARTMENT OF CONSERVATION EDWARD G. HEDIG, DIRECTOR

DIVISION OF MINES AND GEOLOGY
 JAMES F. DAVIS, STATE GEOLOGIST

LA HABRA QUADRANGLE
 CALIFORNIA
 7.5 MINUTE SERIES (TOPOGRAPHIC)



MAP EXPLANATION

Active Faults

1906 C
 Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Special Studies Zone Boundaries

○—○ These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

—○ Seaward projection of zone boundary.

**STATE OF CALIFORNIA
 SPECIAL STUDIES ZONES**
 Delineated in compliance with
 Chapter 7.5, Division 2 of the California Public Resources Code
 (Alquist-Priolo Special Studies Zones Act)

**LA HABRA QUADRANGLE
 REVISED OFFICIAL MAP**
 Effective: November 1, 1991

James F. Davis State Geologist

REFERENCES USED TO COMPILE FAULT DATA

La Habra Quadrangle
 Covance, Davis and Associates, 1970. Supplemental fault study, Standard Oil Company property and Tract No. 5620, La Habra, California. Unpublished consulting report of October 20, 1970 to County Hills, Incorporated, S.A. (Project No. 572119).

Leighton and Associates, 1987. Fault activity and recurrence intervals of the western segment of the Whittier fault, California. Unpublished consultant's report to U.S. Geological Survey, contract no. 14-09-0001-21368, August 14, 1987, 17p., app.

Leighton and Associates, 1990. Final report of geotechnical observation and testing during rough grading of the slide alignment of Edison Road (Parcel Tract 43720, City of La Habra Heights, County of Los Angeles, California). Unpublished consultant's report for Shea Homes, Project No. 283001722, September 20, 1990, 15p., app.

Treiman, J.A., 1981. Whittier fault zone, Los Angeles and Orange Counties, California. Division of Mines and Geology Fault Evaluation Report FER-8222 (unpublished).

Yerkes, R.F., 1972. Geology and oil resources of the western Puente Hills area, southern California. U.S. Geological Survey Professional Paper 420-C, 63p.

For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at regional offices of DMG.

IMPORTANT - PLEASE NOTE

- This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.
- Faults shown are the basis for establishing the boundaries of the special studies zones.
- The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
- Fault information on this map is not sufficient to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California Public Resources Code.