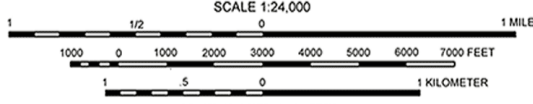


TOPOGRAPHIC BASE MAP BY U.S. GEOLOGICAL SURVEY 1988



CONTOUR INTERVAL 20 FEET
 DASHED LINES REPRESENT 10-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL

REFERENCES USED TO COMPILE FAULT DATA

- Herlong Quadrangle
 Grose, T.L.T., Saucedo, G.J., and Wagner, D.L., 1980, Geologic map of the Susanville 1:100,000 scale quadrangle: Division of Mines and Geology Open File Report (in progress).
 Wills, C.J., 1980, Honey Lake and related faults, Lassen County, California: Division of Mines and Geology Fault Evaluation Report FER-214 (unpublished).

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information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at regional offices of DMG.

MAP EXPLANATION

Active Faults

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)

HERLONG QUADRANGLE
OFFICIAL MAP
 Effective: November 1, 1991

IMPORTANT - PLEASE NOTE

- 1) 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.
- 2) 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.
- 3) 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.

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