



Figure 2. Hydesville Earthquake Fault Zone Map.

The X below is the approximate location of the Clayton barn site. The scale of the map is reduced drastically. The dashed lines are traces of the Little Salmon fault.

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.

—○ Seward 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)

HYDESVILLE QUADRANGLE

REVISED OFFICIAL MAP

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REFERENCES USED TO COMPILE FAULT DATA

- Hydesville Quadrangle
- Copperwirth, K.J., 1980. Summary of exploration locality investigation, in Woodward Clyde Consultants, Evaluation of the potential for resuming the geologic and seismic issues at Humboldt Bay Power Plant Unit Number 3. unpublished consulting report prepared for Pacific Gas and Electric Company, Appendix B, 107 p.
- Ogila, B.A., 1953. Geology of the Eel River Valley area, Humboldt County, California. California Division of Mines Bulletin 154, 128 p., 6 plates, scale 1:62,500.
- Smith, T.C., 1982. Geologic map and related faults, Humboldt County, California. Division of Mines and Geology Fault Evaluation Report FER-130 (unpublished).
- Smith, T.C., 1982. Little Salmon and Yager faults, Humboldt County, California. Division of Mines and Geology Fault Evaluation Report FER-142 (unpublished).
- Wilk, C.J., 1990. Little Salmon and related faults, Humboldt County, California. Division of Mines and Geology Fault Evaluation Report FER-215 (unpublished).

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information on faults in this map area, the references used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at regional offices of DMS.

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.
- 3) 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.
- 4) 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.