DIVISION OF MINES AND GEOLOGY
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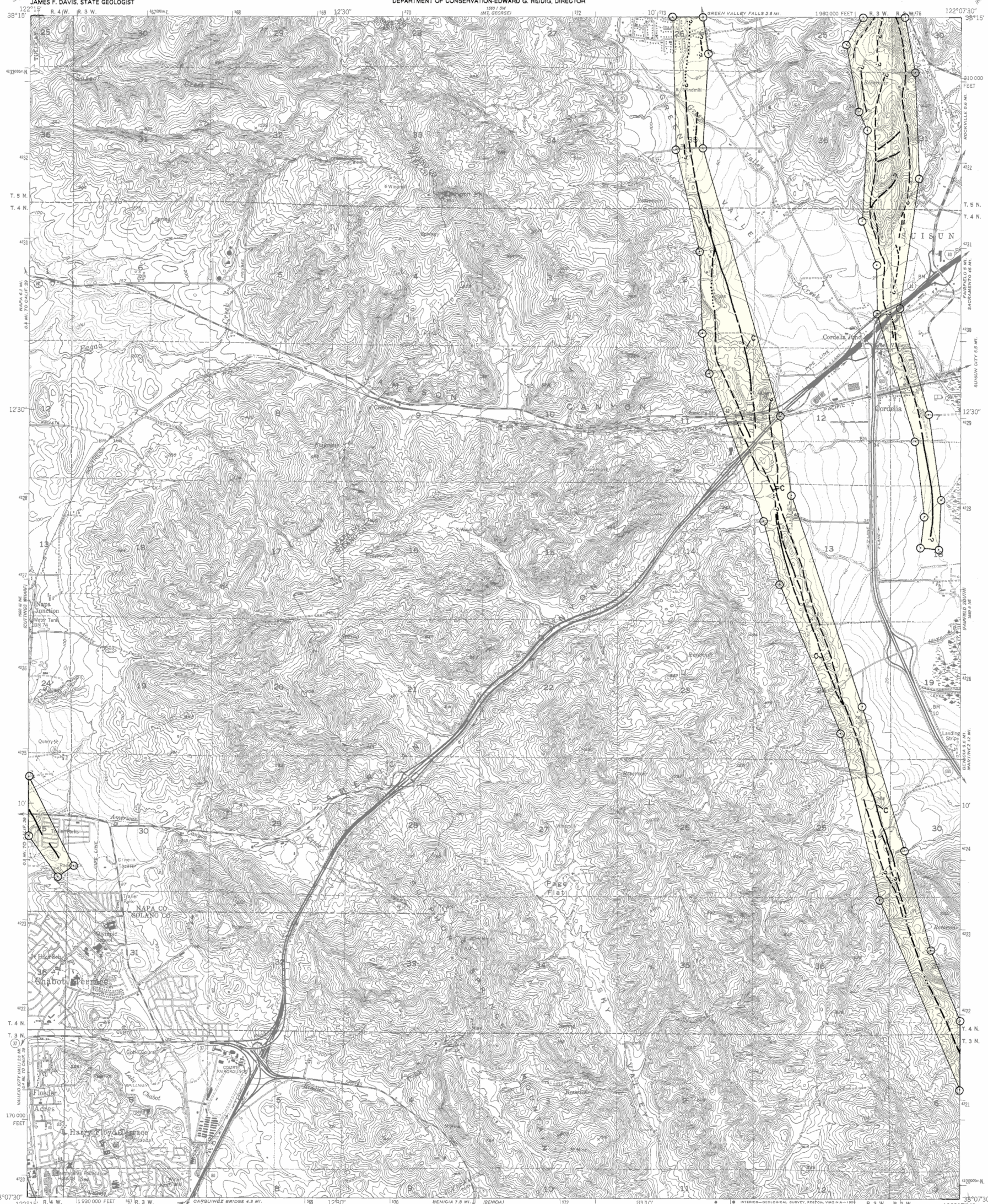
CORDELIA QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)



TOPOGRAPHIC BASE MAP BY U.S. GEOLOGICAL SURVEY 1951
PHOTOREVISED 1980

SCALE 1:24 000

1 MILE
1000 0 2000 4000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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)

CORDELIA QUADRANGLE

REVISED OFFICIAL MAP

Effective: July 1, 1993

James F. Davis State Geologist

REFERENCES USED TO COMPILE FAULT DATA

Cordelia Quadrangle

Bryant, W.A., 1981, Cordelia fault: California Division of Mines and Geology Fault Evaluation Report FER-127 (unpublished).

Bryant, W.A., 1991, Cordelia fault: California Division of Mines and Geology Supplement No. 2 to FER-127 (unpublished).

Bryant, W.A., 1992, Southern Green Valley fault, Solano County, California: California Division of Mines and Geology Fault Evaluation Report FER-232 (unpublished).

Frizzell, V.A., Jr., and Brown, R.D., Jr., 1976, Map showing recently active breaks along the Green Valley fault, Napa and Solano Counties, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-743, scale 1:24,000.

Helley, E.J., and Herd, D.G., 1977, Map showing faults with Quaternary displacement, northeastern San Francisco Bay Region, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-861, scale 1:125,000.

Herd, D.G., 1981, Late Quaternary faults in the Cordelia 7.5-minute quadrangle, California: U.S. Geological Survey unpublished map.

Kleinfelder and Associates, 1985, Engineering geology evaluation report, Cordelia Villages-Phase II, Cordelia, California: Unpublished consulting report, Project No. C-1480-1.

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

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 sufficent 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.