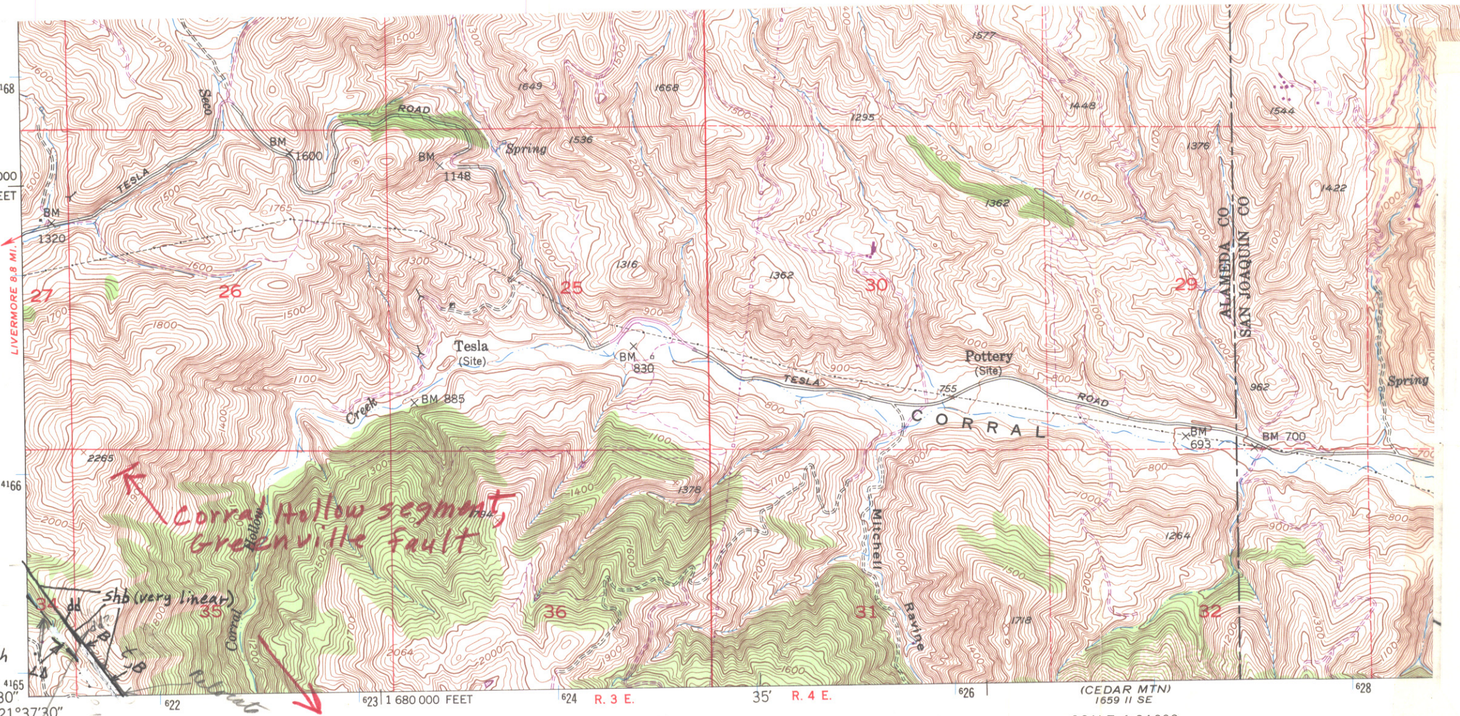

Photos:
USDA (1940), BUT-R 347-46 to -47
USGS (1954) 1-106 to -108

Photos interpreted by E.W. Hart & T.C. Smith Mar. 1981.

(MENDENHALL SPRINGS) 1659 II SW

drainage detected

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Alameda County

Topography from aerial photographs by multiplex methods and by plane-table surveys 1912
Aerial photographs taken 1949 and 1950. Field check 1953

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 3

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1968. This information not field checked

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

EXPLANATION

1980 ——?— Traces of recent faults based on photo interpretation & limited field mapping. Solid lines are well-defined features; dashed lines are less well-defined features; queries indicate uncertainty; tick marks indicate direction linear scarps face. 1980 date indicates fault rupture (see Appendix A & Bonilla, et al. (1980) for additional data on fault rupture).

Fault-related features:

- b Bench
- bd Beheaded drainage
- bis Break in slope
- cd Closed depression
- dd Deflected drainage (right-lateral sense)
- ld Linear drainage
- pa Ponded alluvium
- s Saddle
- shb Sidehill bench
- sht Sidehill trough
- t Tonal lineament due to contrasts in soil, vegetation, or moisture.
- tr Linear trough or trench

ls → Landslides (mapping incomplete)

NOTE: Capital letters of above features indicate interpretations of T.C. Smith (Cedar Mtn. & Eylar Mtn. quads.)

Heavy-duty
Medium-duty
Unimproved dirt
Route

Figure 5D (FER-117). Recent traces of the Greenville fault, Midway quadrangle.

QUADRANGLE LOCATION

MIDWAY, CALIF.
NE/4 ALTAMONT 15' QUADRANGLE
N3737.5—W12130/7.5

1953
PHOTOREVISED 1968
AMS 1659 II NE—SERIES V895

117-1