DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-932 (SHEET 3 OF 3)

EXPLANATION

Fault, compiled from published sources and mapped by field methods—Dashed where approximately located; dotted where concealed; queried where uncertain

Fault, inferred from aeromagnetic anomalies—Defined broadly as a zone of weakness marked by occurrence of serpentinite having been emplaced within steeply dipping fault zones or forming steeply dipping segments of folded sheets

Note

This map has been compiled from a variety of sources at different scales, with different amounts of detail, and with different methods used to determine fault displacement. The map shows most of the major and many of the minor faults, and it gives an impression of their extent, trend, and density, but it is not complete. No attempt was made, for example, to analyze the hundreds of fault reports prepared by consultants under provisions of the Alquist-Priolo Act. For this and other reasons, the map CANNOT BE USED TO ASSESS THE HAZARD OR SAFETY OF ANY BUILDING, FACILITY, SITE, OR UNDEVELOPED LAND.

The principal references used to compile the map are: Allen (1946), Bailey and Everhart (1964), Blake and others (1974), Brabb (1970), Brabb and others (1971),Brabb and Pampeyan (1972), Clark (1966), Clark (1970), Clark and Rietman (1973), Cotton (1972), Dibblee (1966, 1972a, b, c, 1973a, b, c, d, e, f, 1975a, b), Dibblee and Brabb (1978), Dibblee, Brabb, and Clark (1978), Hall (1958), Heed (1977a, b, 1978a, b), Huey (1948), Maddock (1964), McLaughlin and others (1971), Radbruch and Case (1967), Robinson (1956), Rogers (1966), Rogers and Williams (1974), Sarna-Wojcicki, Pampeyan, and Hall (1975), Soliman (1965), Sorg and McLaughlin (1975), and Wagner (1978).

Base from U.S. Geological Survey
San Francisco Bay region, sheet 3 of 3, 1970

SCALE 1:125 000

2 1 0 2 4 6 8 10 MILES

2 1 0 2 4 6 8 10 KILOMETERS

CONTOUR INTERVAL 200 FEET
DOTTED LINES REPRESENT 40 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 TO 7 FEET

APPROXIMATE MEAN DECLINATION 1981

Compiled by E. E. Brabb, W. F. Hanna, and J. R. La Compte, 1972–78

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA.—1981—53573

Preliminary map showing faults

By

Earl E. Brabb and William F. Hanna

MAPS SHOWING AEROMAGNETIC ANOMALIES, FAULTS, EARTHQUAKE EPICENTERS, AND IGNEOUS ROCKS IN THE SOUTHERN SAN FRANCISCO BAY REGION, CALIFORNIA

By

Earl E. Brabb and William F. Hanna

1981