



EXPLANATION

POST-FRANCSICAN SEDIMENTARY AND VOLCANIC ROCKS

Quaternary	Qs	Surficial deposits
Quaternary	Ql	Landslide deposits
Tertiary-Quaternary	QT	Paso Robles and Future Formations Mainly siltstone deposits
Tertiary	Tp	Sedimentary rocks
Tertiary	Tm	Monterey Shale
Tertiary	Ts	Sedimentary rocks
Tertiary	Tv	Volcanic rocks
Cretaceous-Tertiary	TK	Miocenozoic rocks
Cretaceous and older	fr	Plutonic and metamorphic rocks
Jurassic-Cretaceous	f	Franciscan rocks
Jurassic-Cretaceous	um	Ultramafic rocks Largely serpentinite

Contact
Dashed where approximately located; short dashed where gravitational or inferred; dotted where concealed

Fault
Dashed where approximately located; short dashed where inferred; dotted where concealed. Arrows indicate relative horizontal movement

Thrust fault
Dashed where approximately located; dotted where concealed. Sixteenths on upper plate

Anticline
Showing crestline and direction of plunge. Dashed where approximately located

Syncline
Showing troughline and direction of plunge. Dashed where approximately located

Magnetic contours
Showing vertical intensity magnetic field of the earth, in gamma relative to arbitrary datum. Blackness indicates closed areas of lower magnetic intensity. Contour interval 50 gamma.

Station of ground magnetic survey
25

Drill hole or exploratory well
Number refers to table 2

Base from U.S. Geological Survey
Parfield, Shandon, and Orchard Peak 1:62,500, 1961;
Garza Peak, Kettleman Plain and Pyramid Hills
1:24,000, 1953; Tehi Hills 1:24,000, 1942

SCALE 1:62,500
0 1 2 3 4 MILES
0 1 2 3 4 KILOMETERS

Geology compiled by T. W. Dibblee, Jr., 1968-69
Drill hole data compiled by H. G. Wagner

CONTOUR INTERVALS 25, 40 AND 80 FEET
DASHED LINES REPRESENT 50-FOOT CONTOURS
DOTTED LINES REPRESENT 20 AND 40-FOOT CONTOURS
DUTUM IS MEAN SEA LEVEL
See plate 4 for cross sections

VERTICAL-INTENSITY GROUND MAGNETIC AND GENERALIZED GEOLOGIC MAP ALONG THE SAN ANDREAS FAULT NEAR CHOLAME, CALIFORNIA