



LEGEND

SEDIMENTARY ROCKS
 (Areas of subequivalents deposits are shown by patterns of parallel lines; subequal deposits by patterns of dots and circles)

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|----------------------------------|--|---|---------------------------|
| Recent | | Salt marsh deposits (clay and silt) | QUATERNARY |
| | | Sand dunes and beach sand (Qs) | |
| Pliocene | | Merced formation (chiefly marine sand, fossiliferous, represented by Tmc) | TERTIARY |
| | | UNCONFORMITY | |
| Miocene | | Undifferentiated bituminous shales of the Monterey group (Tmsh) | TERTIARY |
| | | UNCONFORMITY | |
| Post-Franciscan | | Conglomerate, probably Knoxville formation | CRETACEOUS? |
| | | UNCONFORMITY | |
| Franciscan group (San Francisco) | | Bonita sandstone (arkosic sandstone with subordinate amounts of shale and conglomerate) | JURASSIC? (pre-Knoxville) |
| | | Ingleside chert (alterations of this layer of varicolored radiolarian chert, chiefly red, and earthy shale) | |
| | | Marin sandstone (arkosic sandstone with subordinate amounts of shale and conglomerate) | |
| | | Sausalito chert (alterations of this layer of varicolored radiolarian chert, chiefly red, and earthy shale) | |
| | | Cahil sandstone (arkosic sandstone with subordinate amounts of shale and conglomerate) | |
| | | Undifferentiated sandstones of Franciscan group with Radiolarian chert lenses of undetermined horizons, Jfc, and Calera limestone member, Jca (fossiliferous, represented by Jfc) | |
| | | Franciscan group (San Francisco) | |
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| Intrusive into Franciscan group | | Serpentinized peridotite with associated gabbro and pyroxenite (Jep) | JURASSIC? (pre-Knoxville) |
| | | Basalt and diabase (commonly show spheroidal or ellipsoidal structures) (Jb) | |
| | | Faults | |
| | | Concealed faults (covered by younger deposits) | |
| | | Strike and dip of stratified rocks | |

Economic note: Crushed stone can be obtained from sandstones and cherts of Franciscan group and intrusive basalt and diabase. Limestone from Calera limestone member, Jca, is used for sand, brick, clay from radiolarian chert, and magnesia in serpentinized peridotite, and water in Merced formation.

Henry Gannett, Chief Topographer.
 R. U. Goode, Geographer in charge.
 Triangulation by U.S. Coast and Geodetic Survey.
 Topography by R. B. Marshall and U.S. Coast and Geodetic Survey.
 Surveyed in 1894-95.

Scale 62500
 1 2 3 4 Miles
 1 2 3 4 Kilometers

Contour interval 25 feet.
 Datum is mean sea level.
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Geology by Andrew C. Lawson,
 assisted at various times by
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 Surveyed 1896 to 1910.