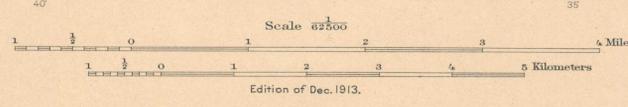


LEGEND

- SEDIMENTARY ROCKS**
- |                         |                                                                                                                                                |                           |                           |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|
|                         | Salt marsh deposits (clay and silt)                                                                                                            | QUATERNARY                |                           |
|                         | Sand dunes and beach sand                                                                                                                      |                           |                           |
| UNCONFORMITY            |                                                                                                                                                |                           |                           |
|                         | Merced formation (chiefly marine sands, fault breccias represented by Tmb)                                                                     | TERTIARY                  |                           |
|                         | Undifferentiated bituminous shales of the Monterey group                                                                                       |                           |                           |
| UNCONFORMITY            |                                                                                                                                                |                           |                           |
|                         | Conglomerate, probably Knoxville formation                                                                                                     | CRETACEOUS?               |                           |
| UNCONFORMITY            |                                                                                                                                                |                           |                           |
|                         | 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)                                     |                           |                           |
|                         | Undifferentiated sandstones of Franciscan group with radiolarian chert lentils of undetermined horizons, Jfc, and Calera limestone member, Jca |                           |                           |
|                         | Sausalito chert (fault breccias represented by Jfb)                                                                                            |                           |                           |
|                         | Cahil sandstone (arkosic sandstone with subordinate amounts of shale and conglomerate)                                                         |                           |                           |
| INTRUSIVE IGNEOUS ROCKS |                                                                                                                                                |                           |                           |
|                         | Serpentinized peridotite with associated gabbro and pyroxenite                                                                                 |                           | JURASSIC? (pre-Knoxville) |
|                         | Basalt and diabase (commonly show spheroidal or diploidal structures)                                                                          |                           |                           |
| Faults                  |                                                                                                                                                |                           |                           |
|                         | Concealed faults (covered by younger deposits)                                                                                                 |                           |                           |
- 1/80° Strike and dip of stratified rocks*

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.



Geology by Andrew C. Lawson,  
assisted at various times by  
students of the University of California.  
Surveyed 1896 to 1910.