



EXPLANATION

- | | | | |
|-------------------------------------|------|---|------------|
| Pleistocene and Recent | Qc | Alluvium and artificial cover | QUATERNARY |
| | Qg | Terrace gravel | |
| Miocene Pleistocene | Ql | Leona Rhyolite | TERTIARY |
| | Tm | Monterey Group | |
| Eocene | Ts | Sedimentary rocks | CRETACEOUS |
| | Tp | Pinehurst Shale | |
| Paleocene | Tk | Undivided strata | JURASSIC |
| | TKu | Undivided strata | |
| Upper Cretaceous | Kv | Variegated shale | CRETACEOUS |
| | Kr | Redwood Canyon Formation | |
| | Ks | Shepard Creek Formation | |
| | Ko | Oakland Conglomerate | |
| | Kj | Joaquin Miller Formation | |
| | Kjfb | Buchia-bearing beds and Knoxville Formation | |
| Upper Jurassic and Lower Cretaceous | Kjf | Franciscan Formation | JURASSIC |
| | i | Serpentine and gabbro of unknown age | |

Contact
Dashed where approximately located or gradational;
dotted where concealed; queried where uncertain

Fault, showing dip
Dashed where approximately located; dotted where
concealed; queried where uncertain or inferred.
D, apparent downthrown side. Arrows show
direction of apparent or inferred displacement

Anticline, approximately located
Showing trace of axial plane. Queried where inferred

Syncline, approximately located
Showing trace of axial plane

Normal Overturned
Strike and dip of beds

Normal Overturned
Strike and dip of beds where tops are
known from sedimentary features

Strike of vertical beds

Inclined Vertical
Strike and dip of foliation

A—A'
Approximate location of
schematic profile shown
in text

● B8007
University of California Museum of Paleontology
fossil locality

● M2058
U.S. Geological Survey megafossil locality

● MF523
U.S. Geological Survey microfossil locality

Base from U.S. Geological Survey
Oakland and Vicinity, 1947

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1968—G68060
Geology mapped by J. E. Case, 1958-63.
Minor modifications after Radbruch and
Case, (1967)

GENERALIZED GEOLOGIC MAP OF PARTS OF THE BERKELEY AND SAN LEANDRO HILLS, CALIFORNIA

