



- Qa Qs**
Surficial deposits
- Qs, alluvium**
Qs, landslide debris
UNCONFORMITY
- Qsc**
Santa Clara Formation
(valley sediments, gravel, sand and clay)
UNCONFORMITY
- Tar**
Orinda Formation
(valley sediments, conglomerate, sandstone and red and green siltstone)
- Tbr**
Brienes Formation
(marine)
sandstone and minor siltstone
- Tm**
Monterey Shale
Claremont Shale Member
(marine)
siltaceous shale, mid. Miocene
UNCONFORMITY
- Ksh Kss**
Marine sedimentary rocks
(Berryessa Formation of Crittenden, 1951)

- Contact**
dashed where gradational
or approximately located
- Fault**
dashed where inferred;
dotted where concealed;
U-upthrown block,
D-downthrown block,
relatively;
single arrow indicates
observed dip of fault;
double parallel arrows
indicate lateral movement
- 30'**
inclined
- 20%**
dip
- Strike and dip**
- Scale of feet**
and meters

Map was revised and published by the Geological Survey with
revisions by the California Department of Public Resources
during 1960, 1962, and 1964.

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to be used for any purpose other than that for which it
was prepared.

Scale 1:50,000

Vertical datum is based on the mean sea level of 1929.

Horizontal datum is based on the North American Datum of 1983.

Map was prepared by the Geological Survey, Reston, Virginia.