



EXPLANATION

- Qya Younger Alluvium
- Qoa Older Alluvium
- Qu Undifferentiated Alluvium
- UNCONFORMITY
- Tch Chanac Formation
- Tsm "Santa Margarita" Formation
- UNCONFORMITY
- Tba Bena Gravels
- Tms Marine Sandstone and conglomerate
- LOCAL UNCONFORMITY
- Tfv Fruitvale shale of Miller and Bloom (1937)
- To, Toc Oicese Sand  
To, marine sandstone  
Toc, boulder conglomerate
- UNCONFORMITY
- ht Hornblende-biotite tonalite
- m metamorphic rocks

- Contact  
Dashed where approximately located or gradational
- Fault  
Dashed where inferred, or approximately located, dotted where concealed; U, upthrown side; D, downthrown side; arrows indicate relative lateral movement
- Surface rupture along White Wolf Fault associated with 1952 earthquake
- Strike and dip of beds
- Strike and dip of foliation
- Strike of vertical foliation
- Landslides
- Limit of geologic mapping

Base from USGS Arvin 7.5' quadrangle, 1955

SCALE 1:24,000

GEOLOGIC MAP OF ARVIN QUADRANGLE,  
KERN COUNTY, CALIFORNIA  
by  
J.A. Bartow and T.W. Dibblee, Jr.

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This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.