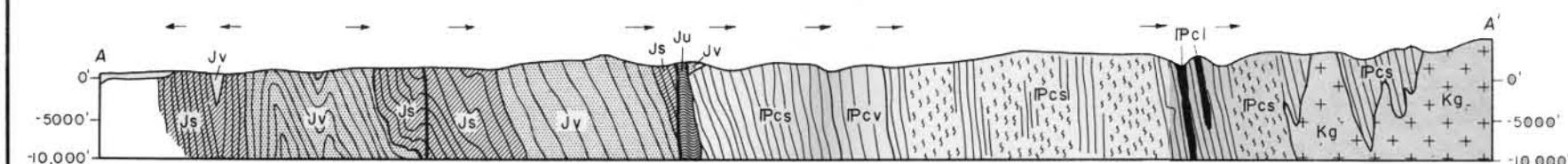


Base from Army Map Service  
Mariposa and San Jose sheets.

5 0 5 10 15  
Miles



Turner, H.W., and Ransome, F.L.; 1897	Turner, H.W., and Smith, W.S.T.; unpublished.
Geologic map of California (1:250,000) in progress. San Jose sheet.	
Clees, Ernst; 1932.	

## EXPLANATION



Gently dipping sedimentary and volcanic rocks



Granitic rocks.



Dioritic to granitic rocks



Ultramafic rocks  
Mostly serpentine, but includes some peridotite and dunite.



Metasedimentary rocks  
Mostly thin-bedded siltstone but includes some graywacke, tuff, and conglomerate. Includes Mariposa formation.



Metavolcanic rocks  
Mostly pyroclastic rocks of andesitic composition, but includes some pillow lava and metachert. Possibly includes Paleozoic metavolcanic rocks north of Mariposa.



Calaveras formation

Pcs, mostly black carbonaceous phyllite with interbedded metachert, but includes subordinate lenticular metavolcanic rocks and sparse sandstone and conglomerate;

Pcl, limestone and dolomite;  
Pcv, andesitic pyroclastic rocks with sparse pillow lava.

Contact

Fault or fault zone

Dip and strike of bedding

Dip and strike of schistosity

Strike of vertical schistosity  
Direction of tops of beds

GEOLOGIC MAP AND SECTION OF THE SOUTHERN PART OF THE WESTERN SIERRA NEVADA METAMORPHIC BELT