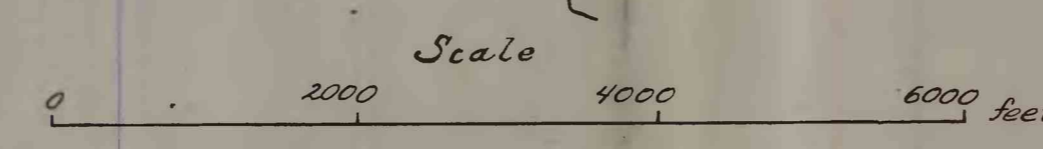


Explanation

- |   |   |  |
|---|---|--|
| <p>Gravels and alluvium</p> <p>Felsite (hyalite?)</p> <p>Andesite</p> <p>Veins and carbonate rock</p> <p>Syenite and granite</p> <p>Ecotite-rich syenite and shonkinite</p> <p>Volcanic flows and breccias</p> <p>Sedimentary rocks, undifferentiated (chiefly limestone, dolomite, sandstone)</p> <p>Pegmatite</p> <p>Metamorphic rocks, undifferentiated (chiefly injection gneiss and granitic gneisses)</p> | <p>Quaternary</p> <p>Mesozoic (C or Tertiary?)</p> <p>Mesozoic and Cenozoic</p> <p>Pre-Cambrian</p> | <p>Contact, dashed where approximately located</p> <p>Indefinite contact</p> <p>Fault, showing dip; dashed where approximately located</p> <p>Concealed fault</p> <p>Strike and dip of bedding</p> <p>Strike and dip of foliation and plunge of lineation</p> <p>Strike of vertical foliation and plunge of lineation</p> <p>Prospect pit</p> <p>Mine</p> <p>Ridge crest</p> <p>Telephone or electric power line</p> |
|---|---|--|

Compiled from aerial photographs



Geology by J.C. Olsen, August-November, 1950, assisted by E.D. Jackson, August, 1950  
 Geology within 1000 feet of Moccasin shaft from Sharp, W.N., and Bray, L.C.,  
 U.S. Geol. Survey, Mineral Investigations, Field Studies

Preliminary Geologic Map of the Mountain Pass District, San Bernardino County, California



1:15,000

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

MOUNTAIN PASS CALIF