

O.G.S.  
1021 A-K



**EXPLANATION**

Recent

- Alluvium
- Slope wash
- Bench gravels

TERTIARY

- Olivine basalt flow

CRETACEOUS

- Cactus granite of Vaughan  
*Coarse-grained, light-gray granite*
- Porphyritic quartz monzonite  
*Buff to gray colored, containing aligned but erratically distributed phenocrysts in medium-grained groundmass*
- Fine-grained intrusive (?) rock  
*Commonly foliated, similar in composition to the groundmass of the porphyritic quartz monzonite*
- Quartz-feldspar pegmatite  
*Genetically related to the porphyritic quartz monzonite*

PRE-CRETACEOUS

- br
- Biotite-rich inclusions  
*Massive to foliated, dark-colored inclusions in the porphyritic quartz monzonite. Composed chiefly of biotite, commonly radioactive*
- Biotite gneiss  
*Siliceous metasedimentary and metavolcanic(?) rocks*
- Igneous and metamorphic complex  
*Includes varying proportions of porphyritic quartz monzonite, fine-grained intrusive (?) rock, pre-Cambrian metamorphic rocks and locally some Cactus granite*

PRE-CAMBRIAN

QUATERNARY

80  
Contact, showing dip  
Dashed where approximately located

---?---?  
Inferred contact

.....  
Concealed contact

60  
Fault, showing dip  
Dashed where approximately located

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Concealed fault

---?---?  
Probable fault

55  
Strike and dip of foliation

90  
Strike of vertical foliation

15  
Bearing and plunge of lineation in orthoclase phenocrysts

10  
Samples mentioned in text

74  
Flight line showing check point

850  
Isoradioactivity contour  
50 counts per second

Base map compiled by Special Maps Branch, U.S. Geological Survey

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M. R. 7513

Mapped by G. W. Walker, radioactivity data by R. M. Moxham

**GEOLOGIC MAP OF THE ROCK CORRAL AREA SHOWING ISORADIOACTIVITY CONTOURS AT AN ALTITUDE OF 500 FEET, SAN BERNADINO COUNTY, CALIFORNIA**

