



- EXPLANATION**
- Recent
 - Alluvium
 - Slope wash
 - Bench gravels
 - QUATERNARY
 - TERTIARY
 - Olivine basalt flow
 - CRETACEOUS
 - Cactus granite of Vaughan
Coarse-grained, light-gray granite
 - Porphyritic quartz monzonite
Buff to gray colored, containing alined but erratically distributed phenocrysts in medium-grained groundmass
 - PRE-CRETACEOUS
 - 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
 - br
 - Biotite-rich inclusions
Massive to foliated, dark-colored inclusions in the porphyritic quartz monzonite. Composed chiefly of biotite, commonly radioactive
 - PRE-CAMBRIAN
 - 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
 - 80
Contact, showing dip
Dashed where approximately located
 - ?-?-?-?
Inferred contact
 -
Concealed contact
 - 60
Fault, showing dip
Dashed where approximately located
 -
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
 - 42
Isoradioactivity contour
6 microeroentgens per hour

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

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. M. R. 7813

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

GEOLOGIC MAP OF THE ROCK CORRAL AREA SHOWING ISORADIOACTIVITY CONTOURS ON THE GROUND, SAN BERNADINO COUNTY, CALIFORNIA

