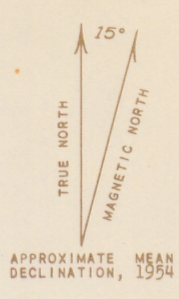


EXPLANATION

Qal	Alluvium	UNCONFORMITY
Qc	Cabezon fanglomerate	UNCONFORMITY
Qd	Deformed gravels of Whitewater River	CONTACT NOT EXPOSED
Ppc	Painted Hill formation	UNCONFORMITY
Pi	Imperial formation	UNCONFORMITY
Mou, Mcl, Mcb	Coachella fanglomerate	UNCONFORMITY
SG	San Geronio igneous-metamorphic complex	

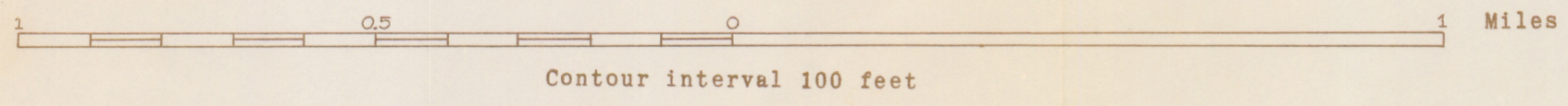
Geological Periods:
 Quaternary: Qal, Qc, Qd
 Tertiary: Pi, Ppc, Mou, Mcl, Mcb
 Mesozoic and Older: SG

- Contact
Dashed where approximately located
- Fault, showing dip
Dashed where approximately located; dotted where concealed; U, upthrown side; D, downthrown side
- Anticline, showing plunge
Dashed where approximately located; dotted where concealed
- Syncline
Dashed where approximately located; dotted where concealed
- Strike and dip of beds
87°
- Strike of vertical beds
90°
- Strike and dip of overturned beds
78°
- Strike and dip of foliation
10°



Base map modified from Corps of Engineers, U. S. Army, 1943-1944

Geology by C. R. Allen, 1952-1954



GEOLOGIC MAP AND STRUCTURE SECTIONS OF THE PAINTED HILL AREA

