Gravel Hills
Alvord Mts
Mud Hills
Calico Mts
Cady Mts
Bristol Mts
Kramer Hills
Newberry Mts
Stoddard Mtn
Stoddard Ridge
Ord Mts
Rodman Mts
Lava Bed Mts
Bullion Mts
Granite Mts.
BORON
BARSTOW
DR
A
A'
gqm
aqm
mq

LOCKHART FAULT
HARPER LAKE
BLACKWATER
CALICO FAULT
CAMP ROCK FAULT
LENWOOD F.
HELENDALE FAULT
PISGAH FAULT
LUDLOW FAULT
ZONE
W. CALICO FAULT
BULLION FAULT

SCALE 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometers

EXPLANATION

- Intrusive porphyry volcanic complex (=Ord Mountain volcanic series; Sidewinder volcanic series; etc.)
- Precambrian gneissoid and schistose rocks
- Episode of prevailingly alluvial/lacustrine sedimentation accompanied by limited volcanism
- Episode of prevailingly volcanogenic rocks with limited alluvial/lacustrine sedimentation
- Mafic intrusives (Mz; diorite, gabbro, etc.)
- gqm = granite + quartz monzonite
- aqm = aplitic quartz monzonite
- tactite
- mq = metaquartzite
- A, A' Stratigraphy and structure of basement rock and tertiary volcanogenic and alluvial/lacustrine rocks is identical
- DR Daggett Ridge

PLATE 7 – Palinspastic reconstruction of area in central Mojave Desert (same area as in Plate 6) with restoration of terrain to pre-strike-slip configuration. Fault displacements used for the reconstruction are those proposed in the text and on Plate 6 Fault lines are approximate because restoration left gaps and overlaps along fault traces. (Geology compiled from Dibblee, 1964 a,b, 1966, 1967 a,b,c, 1968, 1970; Dibblee and Bassett, 1966 a,b; Jennings and others, 1962; Rogers, 1967).

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

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