



EXPLANATION

| | | | |
|--|---|---|-------------------------|
| Holocene | } | Qa | QUATERNARY |
| | | Alluvium | |
| | | Qoa | |
| Pleistocene | } | Qoc | QUATERNARY |
| | | Ocotillo Conglomerate of Dibblee (1954) | |
| Pliocene and Pleistocene | } | QTu | TERTIARY AND QUATERNARY |
| | | Undifferentiated sediments Includes Imperial Formation, Palm Spring Formation, and Borrego Formation of Tarbet and Holman (1944) | |
| | | pTc | PRE-TERTIARY |
| | | Crystalline rocks | TERTIARY |
| Contact | | | |
| Fault | | | |
| Dotted where concealed; queried where inferred | | | |
| Anticline Fold axes Syncline | | | |
| Dotted where concealed | | | |
| Strike and dip of beds | | | |
| Highest shoreline of Holocene Lake Cahula | | | |

Base from U.S. Geological Survey 1:62,500
Plaster City, 1957; Carrizo Mtn. and Borrego,
1959; Borrego Mtn., 1960; and
1:24,000 Harpers Well, 1956

SCALE 1:62 500

1 1/2 0 1 2 3 MILES

1 5 0 1 2 3 KILOMETERS

CONTOUR INTERVALS 10, 40, AND 80 FEET
DOTTED LINES REPRESENT 20- AND 40-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

GENERALIZED GEOLOGIC MAP OF THE AREA NEAR THE SEGMENT OF THE COYOTE CREEK FAULT THAT RUPTURED DURING THE BORREGO MOUNTAIN EARTHQUAKE

Geology by R.V. Sharp and M.M. Clark, 1969