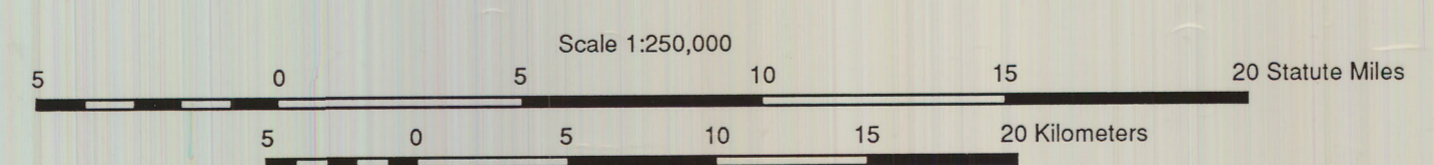


EXPLANATION

- BASIN-FILL DEPOSITS
- BEDROCK -- Includes older Tertiary deposits
- LINE OF EQUAL BOUGUER ANOMALY -- Interval 5 milliGals. Reduction density 2.67 grams per cubic centimeter. Hachured lines enclose areas of lower Bouguer anomaly. Datum is 979.9883 Gals at San Francisco International Airport (Chapman and others, 1973; Healey and others, 1980)
- CALDERA BOUNDARY -- Hachures point toward caldera. Dashed where inferred
- NORMAL FAULT -- Hachures on downthrown side. Dashed where inferred
- THRUST FAULT -- Sawteeth on upper plate. Dashed where inferred
- DETACHMENT FAULT -- Sawteeth on upper plate. Dashed where inferred
- STRIKE-SLIP FAULT -- Arrows show direction of horizontal movement. Dashed where inferred
- FOLD AXIS -- Large arrow shows direction of plunge. Small arrows show direction of dip
- HYDROGRAPHIC AREA BOUNDARY

Base from U.S. Geological Survey
Death Valley, 1956
Limited revision as of 1961



Geology from Cornwall (1972), Chapman and others (1973), and Robinson (1985)
Geophysics from Chapman and others (1973), and Healey and others (1980)

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

BOUGUER GRAVITY ANOMALIES AND GEOLOGIC STRUCTURE IN AMARGOSA DESERT, NEVADA-CALIFORNIA