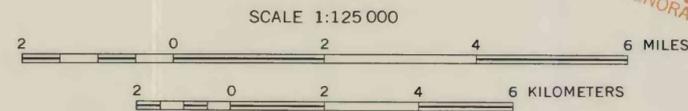


Base from U.S. Geological Survey  
El Centro, 1:250,000, 1958



CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVALS  
DATUM IS MEAN SEA LEVEL

EXPLANATION

- Alluvium and windblown sand
} Pliocene to Holocene
} TERTIARY AND QUATERNARY
- Nonmarine sedimentary rocks
} Miocene and older
} TERTIARY
- Volcanic rocks
} TERTIARY
- Basement complex
} PRE-TERTIARY
- Contact
- Fault

*Dashed where inferred; dotted where concealed; queried where location or trend doubtful. U, upthrown side; D, downthrown side. Arrows indicate inferred direction of horizontal displacement*
- Magnetic contours

*Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum. Hachured to indicate closed area of lower magnetic intensity; dashed where data are incomplete. Contour interval 10 gammas*
- Measured maximum or minimum intensity within closed high or closed low
- Flight path

*Showing location and spacing of data*
- Drill hole or test well

*All numbers are preceded by "DH-" in text*
- Numbered or lettered profiles are illustrated in figures or on plates with this report
- Gravity profile
- Seismic-refraction profile

*•, location of shotpoint*
- Seismic-reflection profile

Aeromagnetic data were obtained along 29 flightlines spaced about 1/2 mile apart, 1,000 feet above the ground surface, and oriented approximately N. 37° E. Area flown in 1964.

GEOLOGIC AND AEROMAGNETIC MAP OF PART OF THE YUMA AREA, ARIZONA AND CALIFORNIA