



Approximate magnetic field parameters,
Harrat Rahat area (1976)
T = 40,900 nT
D = 1.2° East
I = 31.8° Dn.

Traverse spacing: 2.5 Km.
Mean terrain clearance: 300 m.
Traverse orientation:
330° and 150° true azimuth
Regional field removed:
South-North, -3.803 nT/Km } + constant
West-East, -1.810 nT/Km }

Outline of 1976 survey, with isopleths of magnetic total-field intensity after removal of regional field and upward continuation for each profile.

Outline of 1965-67 Arabian Shield survey, with isopleths of magnetic total-field intensity, from Andreasen and Petty 1974.

[Isopleths labelled in hundreds of nano-Teslas (nT), datum arbitrary.

(A1) Location of field-intensity anomaly referred to in text

Contour Interval 100 nT
SCALE 1:500,000
0 10 20 30 km

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

TOTAL-INTENSITY AEROMAGNETIC MAP OF HARRAT RAHAT AREA
AFTER UPWARD CONTINUATION TO 1300 m. ABOVE TERRAIN
(After Arabian Geophysical and Survey Co., 1976)