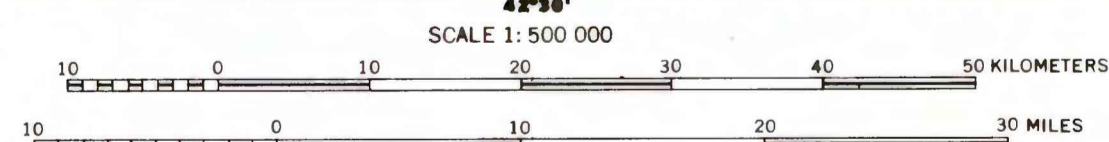


EXPLANATION

- I** Outline of boundary of magnetic province inferred to reflect a granitic rock mass. Province number refers to text
- Ic** Magnetic lineation inferred to reflect a fault or fracture zone. Lineation number refers to text
- Magnetic contours showing residual total-intensity magnetic field of Earth in nanoTeslas (nT) relative to arbitrary datum. Contour interval, 20 nT
- 71** Ancient mine or prospect area (east of lat 42°00' E. only) with index number. Heavy line indicates orientation of principal vein system where known (see text for sources of data). The index list below shows the deposit name and the Mineral Occurrence Documentation System (MODS) locality number, in parentheses.

1. Abra q Shawfan (00961)
2. Afra (01270)
3. Agob (01271)
4. Al Boharah (01279)
5. Al Habla (01286)
6. Ash Shunta area (01067-72, 01108, 02099)
7. Baid al Jmalah East (00960) and West (02661)
8. Jabal al Koom (01066)
9. Jarrar (00958)
10. Jerayer (01268)
11. Jurayyir South (01604)
12. Al Haymah (MODS applied for)
13. Al Habla East (01287)
14. Ad Darabi (00957)
15. Minya (01598)
16. Qunnah (01600)
17. Shaba um Safih (01603)
18. Sha'ib al Jurayyir (01604)
19. An Najady (01272)
20. Shialia (01383)
21. Sukhaybarat al Charbiyah (00405)
22. Umm Jirfan (00959)
23. Umm Zarib (00398)
24. Wagt (01269)
25. Meshaheed (01266)
26. Jurayyir North (01604)
27. Ad Duibi (00955)
28. Wadi umm Shieh (01111, 01112)
29. Shu'ayr (01085)
30. Jabal Thara (01086)

Aeromagnetic survey flown in 1966-1967 by a consortium of Aero Service Corporation, Hunting Geology and Geophysics Limited, Lockwood Survey Corporation Limited, and Arabian Geophysical and Surveying Company, under the supervision of the Bureau de Recherches Geologiques et Minieres. NE-SW flight lines spaced 800 m apart, flown at 150 m above ground.



Mineral locality data compiled by James C. Cole

**REGIONAL TOTAL-INTENSITY AEROMAGNETIC MAP OF THE WADI AL JARIR AND
AL JURDHAWIYAH QUADRANGLES AND SURROUNDING AREAS,**

KINGDOM OF SAUDI ARABIA

compiled by
M. Dean Kleinkopf

1983

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

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