U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, PREPARED FOR

MINISTRY OF PETROLEUM AND MINERAL RESOURCES
DEPUTY MINISTRY FOR MINERAL RESOURCES

KINGDOM OF SAUDI ARABIA

OPEN-FILE REPORT USGS-OF 85-354
PLATE 2

42°13' 42°30' 42°46'
25°56' 25°45' 25°30'

EXPLANATION

Geology

msy Microsyenite, very fine grained, hydrothermally altered.

sgg Granodiorite, cut by quartz stockwork

sp Serpentinite

lw Listwaenite, brown with violet cast

mbr Cataclastic megabreccia

——— Fault, dashed where approximately located

——— Contact, dashed where approximately located

Sample types

▲ Quartz vein containing > 3 ppm Au

△ Quartz vein containing < 3 ppm Au

○ Stockwork

• Sample containing no notable values

•B-200 Rock chip sample containing 200 ppm boron

⚒4 Ancient Working No. 4

5900 high Aeromagnetic intensity contours; (nanotesla, ARGAS, 1967)

5750 low

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

TRUE NORTH

SCALE 1 : 100 000

2 0 2 4 6 8 10 KILOMETERS

2 0 2 4 6 8 10 MILES

DATUM IS MEAN SEA LEVEL

Location of map

MAP SHOWING SAMPLE LOCATIONS, PARTS OF THE ATA FAULT SYSTEM, AND AN AEROMAGNETIC ANOMALY, AL KHAYMAH REGION, KINGDOM OF SAUDI ARABIA

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