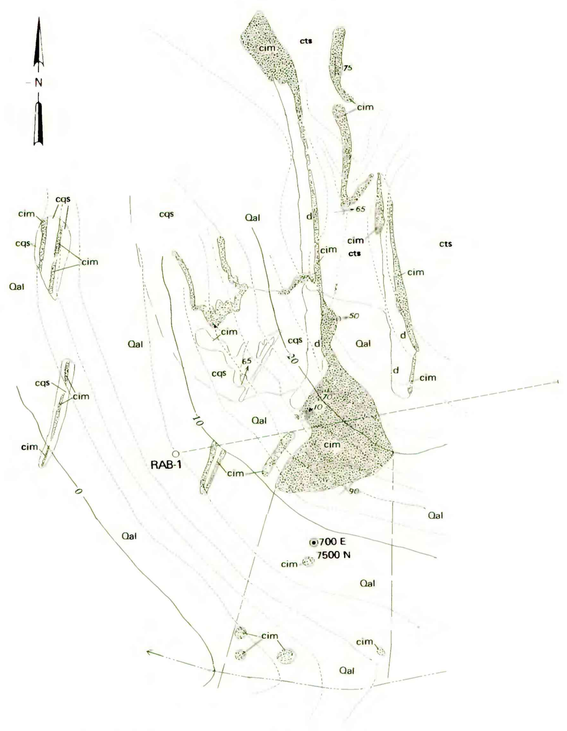
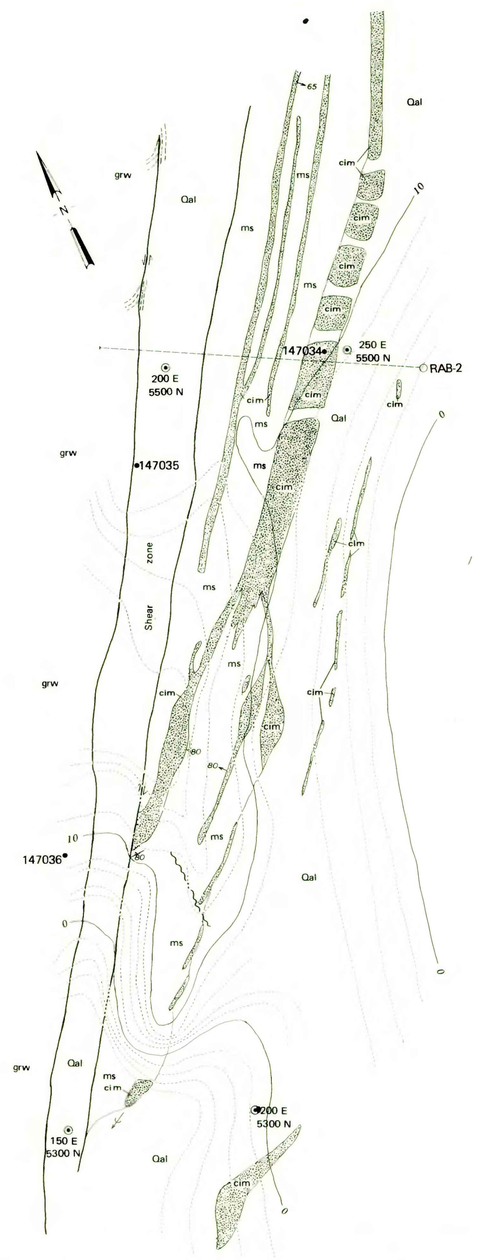
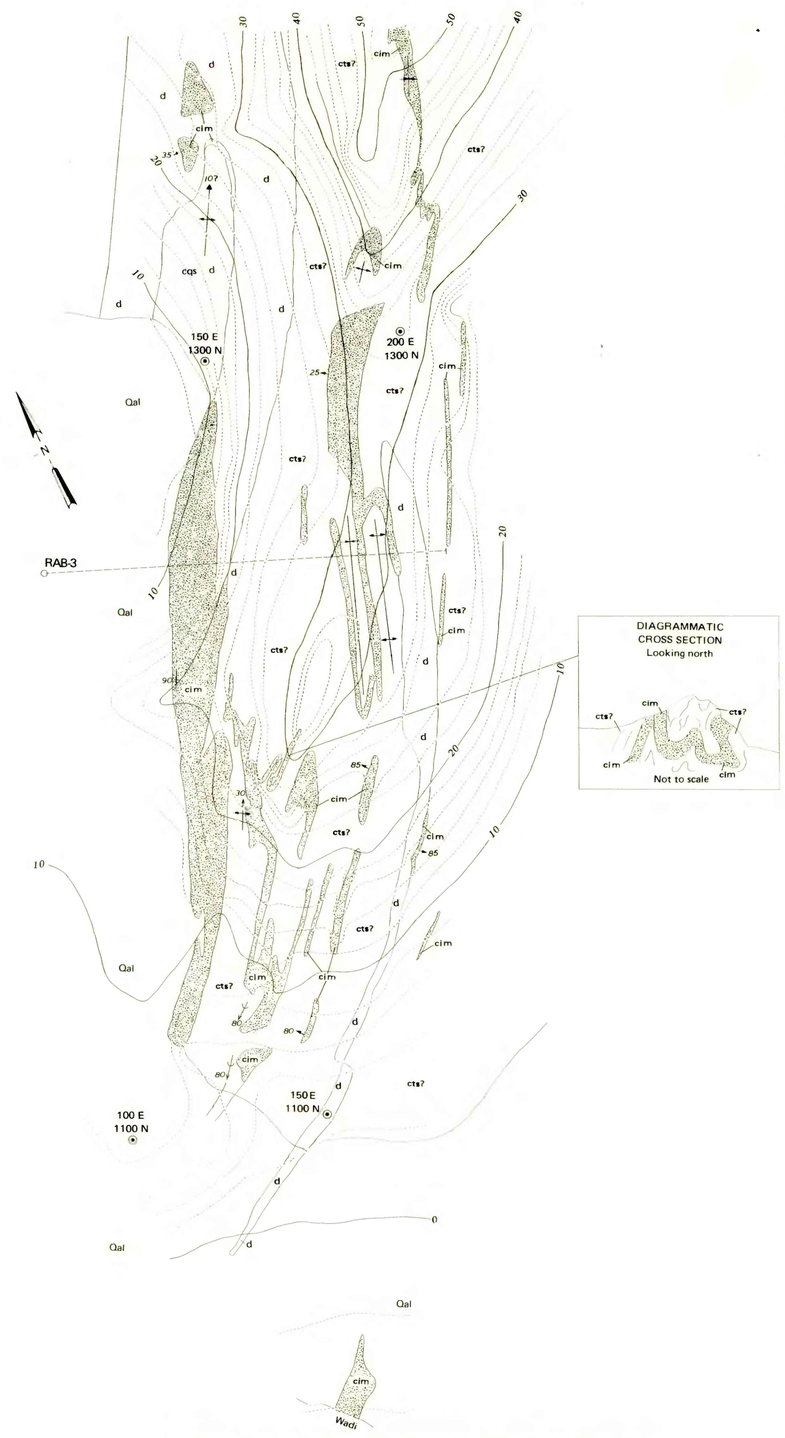


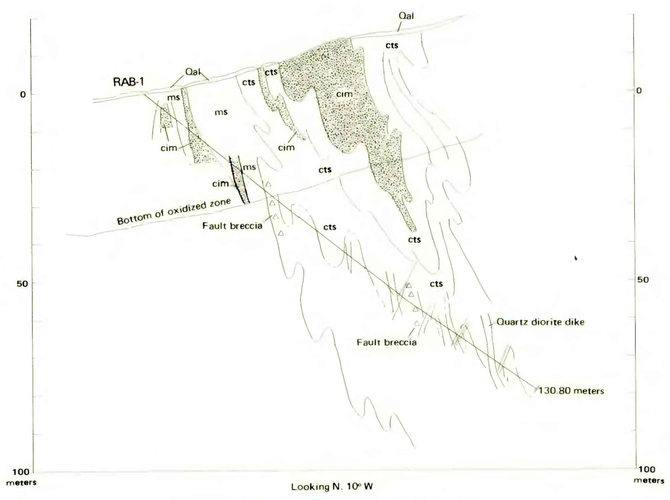
GEOLOGIC MAP OF THE AREA SURROUNDING DRILL HOLE RAB-1



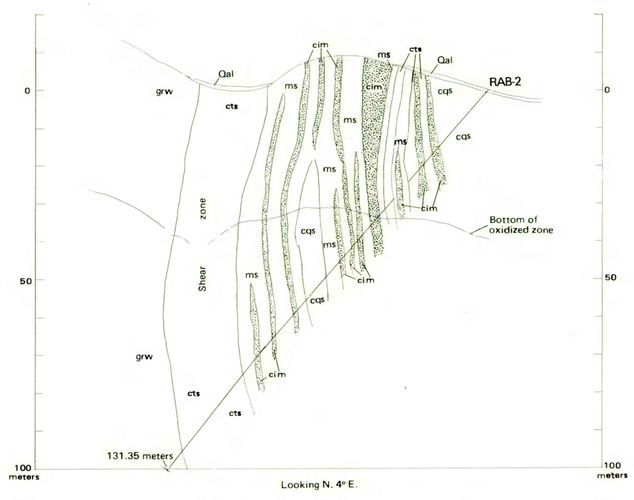
GEOLOGIC MAP OF THE AREA SURROUNDING DRILL HOLE RAB-2



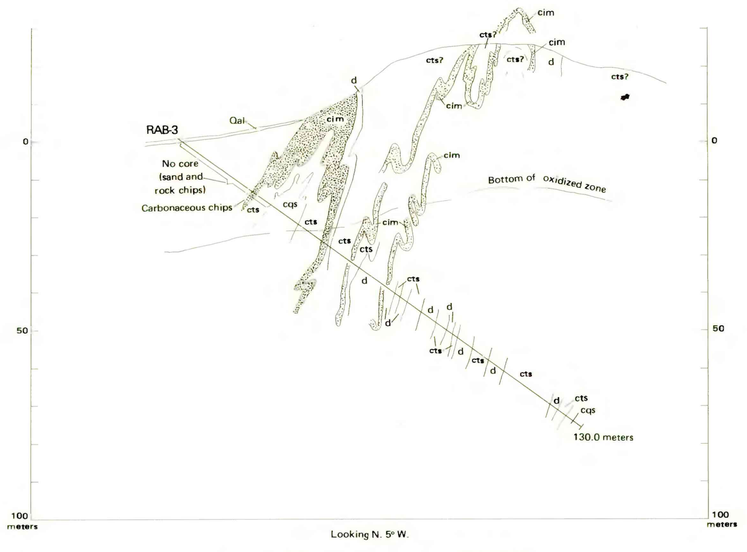
GEOLOGIC MAP OF THE AREA SURROUNDING DRILL HOLE RAB-3



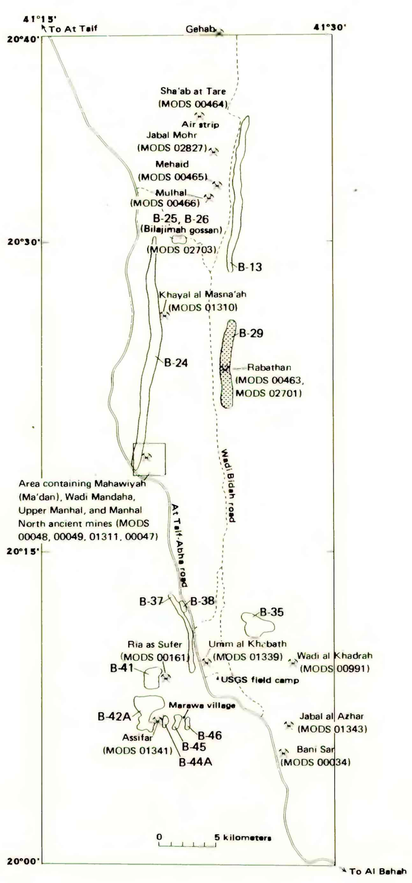
GEOLOGIC SECTION ALONG DRILL HOLE RAB-1

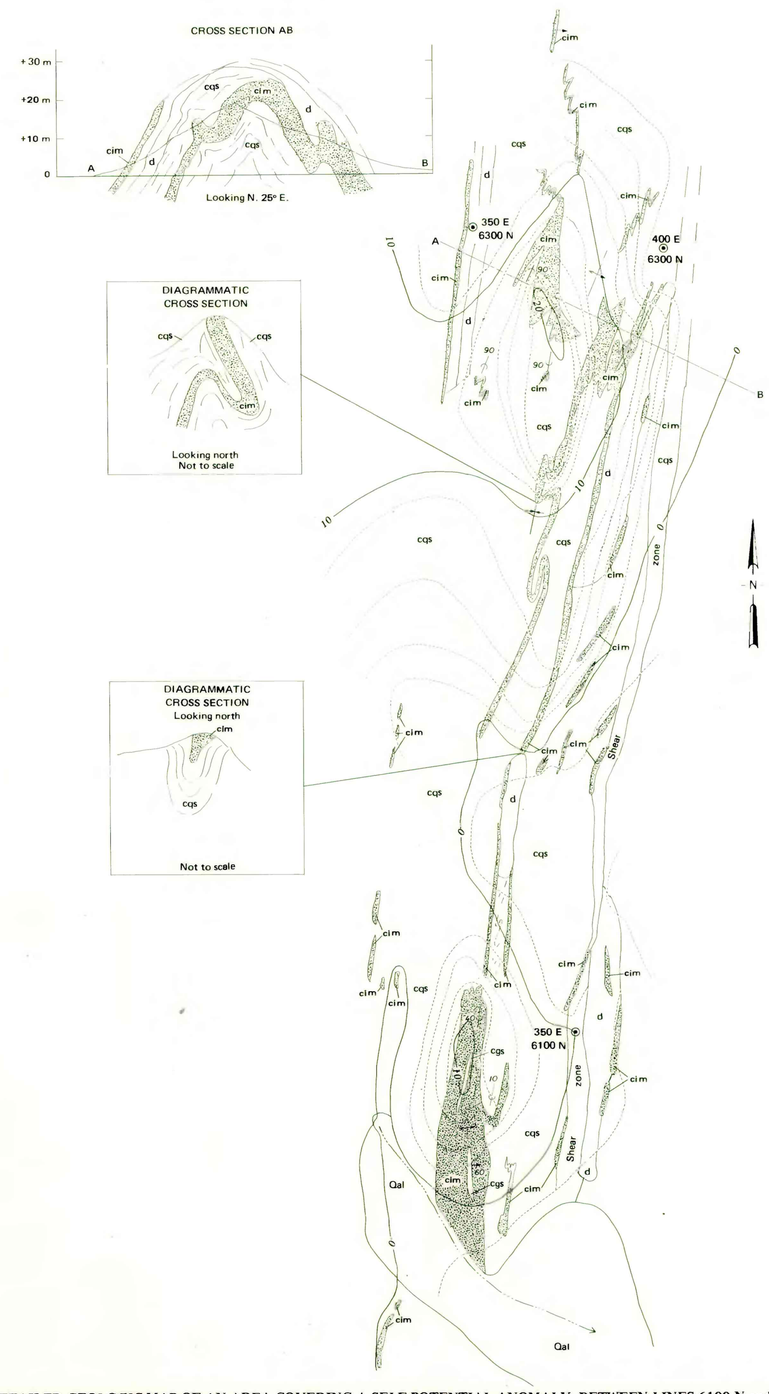


GEOLOGIC SECTION ALONG DRILL HOLE RAB-2



GEOLOGIC SECTION ALONG DRILL HOLE RAB-3





DETAILED GEOLOGIC MAP OF AN AREA COVERING A SELF-POTENTIAL ANOMALY, BETWEEN LINES 6100 N and 6300 N, LINE 350 E

EXPLANATION

- Qal — QUATERNARY ALLUVIUM
- grw — GRAYWACKE--Fine-grained, massive, nonlayered. Intensely epidotized and slightly schistose
- d — DOLOMITE--Buff-colored, massive, nonlayered. Formed in part by metasomatism along faults and shears. (Designated calc-silicate schist (css) by Kiilsgaard and others, 1978)
- cim — CHERTY IRON-MANGANESE FORMATION--Grades from pure banded chert to siliceous iron or manganese oxide to nearly pure iron or manganese oxide locally. Rarely grades into banded iron formation. Weathers black, brown, and various hues of red
- cts — CARBONACEOUS-TUFFACEOUS SCHIST--Carbon and tuff layers, usually thinly laminated. Fine-grained pyrite along layering. Weathers tan to light gray with iron staining. (Designated calcareous-carbonaceous schist (ccs) by Kiilsgaard and others, 1978)
- ms — MUDSTONE--Varies from gray to brown to green. Interlayered with variously colored, thin chert beds
- cqs — CALCAREOUS QUARTZ SCHIST--Tuff(?); schistose, gray green. Contains fine-grained quartz aligned with foliation. In places contains fine carbonaceous seams, cherty layers, and quartz crystal tuff. Grades into mudstone in upper part of section
- CONTACT--Dashed where approximately located
- ANTICLINE--Showing direction and amount of plunge
- SYNCLINE--Showing direction and amount of plunge
- DIP OF LAYERED ROCK--Showing direction and amount of dip
- MINOR ANTICLINE--Showing direction and amount of plunge
- MINOR SYNCLINE--Showing direction and amount of plunge
- STRIKE AND DIP OF BEDDING--Showing direction and amount of dip
- STRIKE AND DIP OF FOLIATION--Showing direction and amount of foliation
- FAULT--Showing relative movement
- FOLD
- PROJECTED FOLD AREA
- 200 E 1500 N — SURVEYED POINT ON GEOPHYSICAL GRID SYSTEM--See plate 1 for grid locations
- RAB-3 — DIAMOND DRILL HOLE LOCATION AND NUMBER--Dashed line indicates horizontal projection of drill hole
- •147034 — SAMPLE LOCALITY--Number is six-digit RASS sample number
- CONTOUR--Interval, 2 meters. Only relative elevations shown to illustrate topography
- STREAM BED

0 50 100 meters

Geology by C.W.Smith and R.M. Semater, 1979.

DETAILED GEOLOGIC MAPS AND SECTIONS OF SELECTED AREAS IN THE B-29 ANOMALY AREA, RABATHAN, WADI BIDAH DISTRICT, KINGDOM OF SAUDI ARABIA

1983