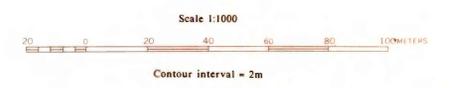


- DESCRIPTION OF MAP UNITS**
- QUARTZ VEINS--White, barren quartz veins of the ore zones of the ancients. Exposed only in trenches
 - MONZOGRANITE--Porphyritic monzogranite with phenocrysts of white feldspar, gray quartz, and dark-gray mica in a light-gray aphanitic groundmass. Forms the cupola of the Rahail stock
 - GRANODIORITE--Porphyritic biotite-bearing hornblende granodiorite with phenocrysts of white plagioclase and gray quartz in a dark-gray aphanitic groundmass. Occurs as dikes and irregular masses
 - MAFIC DIKES--Equigranular light- to dark-gray mafic dikes, at least two of which are quartz-bearing hornblende diorite
 - SILTSTONE--Interlayered light-gray siltstone and gray-green claystone with local interbeds of tan fine-grained sandstone, gray ferruginous limestone, and rare light-brown chert. Margham Formation of the Murdama Group
- EXPLANATION OF MAP SYMBOLS**
- STRIKE AND DIP OF BEDS
 - STRIKE AND DIP OF QUARTZ VEINS
 - CONTACT--Dashed where inferred
 - FAULT--Dashed where inferred
 - ANTICLINE--Showing axis and plunge
 - SUBSURFACE OUTLINE OF THE RAHAIL STOCK--As defined by telluric electric (T.E.) profiles
 - GROUP LETTER
 - TRENCH AND TRENCH NUMBER
 - WADI



GEOLOGIC MAP OF THE AR RAHAIL ANCIENT GOLD MINE, KINGDOM OF SAUDI ARABIA

by
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 AH 1407 AD 1986

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