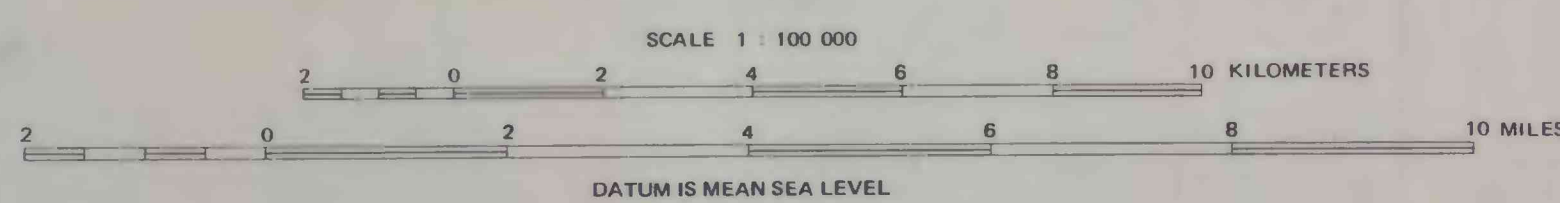
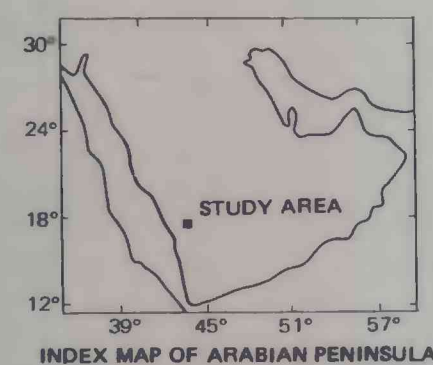


- EXPLANATION**
- DESCRIPTION OF MAP UNITS**
- qal QUATERNARY ALLUVIUM--Deposits of unconsolidated silt, sand, and gravel, mainly in wadi channels
 - wt CAMBRO-ORDOVICIAN WAJID SANDSTONE--Cream, tan and pale-red well-sorted sandstone and minor siltstone and conglomerate (w); strongly jointed (textured) Upper Wajid Sandstone (wt)
 - w
 - pE PRECAMBRIAN BASEMENT ROCKS--Composed chiefly of mafic schists, metadiorite, metagabbro, and monzogranite
- SYMBOLS**
- CONTACT--Dashed where inferred
 - FAULT--Dashed where inferred. Bar and ball on downthrown side
 - THRUST FAULT--Showing dip. Dashed where inferred. Sawteeth on upper plate
 - Within lower Wajid Sandstone
 - Within upper Wajid Sandstone
 - ANTICLINE--Showing direction of plunge
 - SYNCLINE--Showing direction of plunge
 - MONOCLINE
 - BOUNDARY OF THE CORE ZONE OF THE HIJINAH UPLIFT--Barbs point towards core
 - LINEAMENTS--Direction of linear features observed on areal photographs, possibly large joints
- STRIKE AND DIP OF BEDS**
- Inclined upper Wajid Sandstone
 - Inclined lower Wajid Sandstone
 - Horizontal (upper Wajid only)
- LOCATION AT WHICH UNDEFORMED LOWER WAJID SANDSTONE WAS OBSERVED
 - LOCATION AT WHICH DEFORMED LOWER WAJID SANDSTONE WAS OBSERVED
 - ⊙ DATE GROVE
 - ⋯ AREA OF HYDROTHERMAL ALTERATION

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



Geology mapped in 1976, 1977, 1981.
 Additional mapping on aerial photographs done in 1983.

**MAP SHOWING THE STRUCTURAL GEOLOGY OF THE WAJID SANDSTONE IN THE VICINITY OF THE HIJINAH UPLIFT,
 KINGDOM OF SAUDI ARABIA**
 by
D. B. Stoeser and W. R. Greenwood
 1985