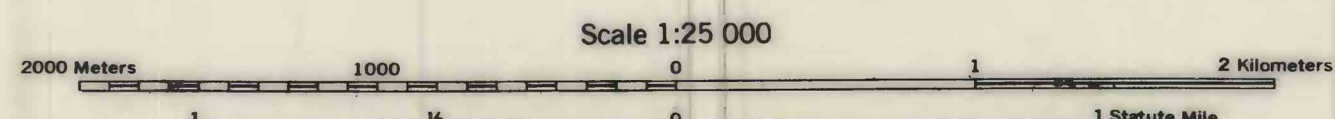


EXPLANATION

QUATERNARY	
Qal	Alluvium
Qp	Pediment regolith
PRECAMBRIAN	
g	Gossan
	Quartz vein
	Carbonate-quartz vein
	Rhyolite dike
K	Zone of potassium metasomatism
	Granite, pegmatite, or aplite dike
mg	Granite, monzogranite, and granodiorite
	Mafic or ultramafic dike
	Diorite dike
d	Diorite gabbro
ce	Chlorite-epidote schist
cs	Carbonaceous schist
hs	Hornblende schist
m	Black marble
bs	Quartz-biotite schist
s	Serpentinite
	Contact, showing attitude
	Shear zone
	Fault, showing attitude
	Thrust fault
	Attitude of inclined and vertical bedding
	Attitude of inclined and vertical foliation
	Attitude and plunge of minor fold axis
	Structurally homogeneous subarea
	Azimuth and plunge of axis of rotation for layering in subarea

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Topography and control by the U.S. Geological Survey



CONTOUR INTERVAL 10 METERS
DASHED LINE REPRESENTS 5-METER CONTOURS
DATUM IS MEAN SEA LEVEL

Geology mapped in 1976 and 1977 by R. G. Worl

RECONNAISSANCE GEOLOGY OF THE JABAL AL HAJRAH 7 1/2-MINUTE QUADRANGLE, KINGDOM OF SAUDI ARABIA

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards