

CORRELATION OF MAP UNITS

INTRUSIVE ROCKS	SEDIMENTARY, VOLCANIC, AND METAMORPHIC ROCKS	QUATERNARY
Tgb	Qb, cm, cv, Qaf, Qal, Qs, Qc1, Qsc	Qb, cm, cv, Qaf, Qal, Qs, Qc1, Qsc
qm		
gd		
gdqm, gdbp	ag	ag
	bhg, m	bhg, m
	bg	bg

UNCONFORMITY

DESCRIPTION OF MAP UNITS

INTRUSIVE ROCKS	SEDIMENTARY, VOLCANIC, AND METAMORPHIC ROCKS
Tgb	cm, cv, Qb, Qc1, Qsc
qm	Qsb
gd	Qt
gdqm	Qaf
gdbp	Qal
	Qs
	Qc1
	Qsc
	ag
	m, bhg
	bg

ABLAK GROUP

ag Siltstone, graywacke, quartzite, and conglomerate

BAHAH GROUP

m, bhg Graywacke, siltstone, and argillite, contains marble marker beds (m); subordinate volcanic rocks

BAISH GROUP

bg Basalt, andesite, volcaniclastic rocks, graywacke, slate, argillite, and chert

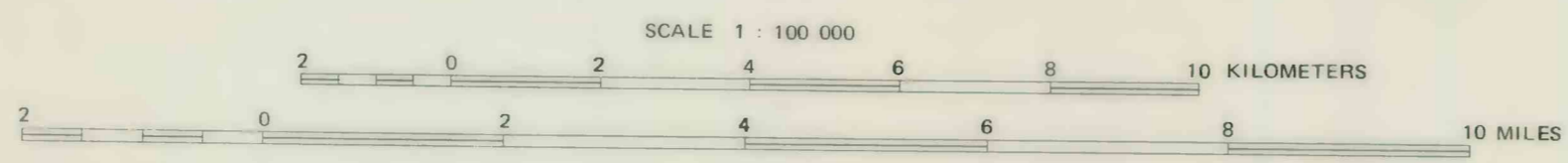
SYMBOLS

—	CONTACT	30	BEARING AND PLUNGE OF LINEATION
—	FAULT	Inclined	
75	STRIKE AND DIP OF BEDS	60	STRIKE AND DIP OF CLEAVAGE
Inclined, showing degree of dip		Inclined	
+	Vertical		
55	STRIKE AND DIP OF FOLIATION OR SCHISTOSITY	1432	SPOT ELEVATION
Inclined, showing degree of dip		ROAD	
+	Vertical	TOWN	
45	STRIKE AND DIP OF FOLIATION OR SCHISTOSITY	330	SAMPLE LOCATION AND NUMBER
Inclined, showing plunge of lineation parallel to strike of foliation		Should be prefixed with 176 for complete RASS code (176506)	
50	STRIKE AND DIP OF FOLIATION OR SCHISTOSITY		
Inclined, showing plunge of vertical lineation			
40	STRIKE AND DIP OF FOLIATION OR SCHISTOSITY		
Inclined			
+	Vertical		
↕	ANTICLINE		
↔	SYNCLINE		

ROCK TYPES

AN	andesite
AO	agglomerate
BA	basalt
CT	chert
DR	diorite
FE	felsite
GB	gabbro
GE	greenstone
CN	gneiss
GR	granite
GW	graywacke
HR	hornblende
MB	marble
MN	monzonite
PO	porphyry
QZ	quartzite
SC	schist
SL	slate
TF	tuff

Aerial photography 1953, controlled mosaic 1955
Aero Service Corporation, Philadelphia, Penn. U.S.A.



Geology mapped between December 1973 and March 1974

RECONNAISSANCE GEOLOGY OF THE WADI DHAHABAN QUADRANGLE, SHEET 18/41 D, KINGDOM OF SAUDI ARABIA

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