



EXPLANATION

Qs
Surficial deposits

UNCONFORMITY

Quartz vein
Mafic dike
Felsic dike

qm
Quartz monzonite of Abu Khurg

gd
Granodiorite of Al Areyef

ms
Undifferentiated granodiorite of Al Areyef and metasedimentary rocks

Siliceous hornfels intruded by steeply-dipping sheet-like bodies of granodiorite that cannot be separated at map scale

ms
Metasedimentary rocks

—|—
Contact
Triangle indicates where exceptionally well exposed

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Fault
Showing relative horizontal movement
Dotted where concealed

80
Inclined Strike and dip of bedding

85
Inclined Strike and dip of cleavage

75
Inclined

85
Inclined, strike variable

Vertical

Strike and dip of primary foliation in granitic rocks

▲2
Sample collected during mapping

△
Sample collected during lamping

○
Sampled localities

Number of samples collected indicated if greater than one

Compiled by photogrammetric methods from aerial photographs taken 1971
Topography and control by U.S. Geological Survey

Geology mapped in October-November 1972

SCALE 1:20 000
500 0 500 1000 1500 2000 METERS
CONTOUR INTERVAL 10 METERS
WITH SUPPLEMENTARY CONTOURS AT 5 METER INTERVALS



GEOLOGIC MAP OF THE BUHAIRAN-ABU KHURG AREA
KINGDOM OF SAUDI ARABIA
By
Franklin C. W. Dodge
1973

QUATERNARY
PRECAMBRIAN