

SEDIMENTARY AND VOLCANIC ROCKS

Q
Alluvium and colluvium

Tb
Basalt

YOUNGER METAVOLCANIC ROCKS

ms
gsu
ms, intercalated siliceous and mafic metamorphic rocks and pyroclastic rocks of equivalent composition; greenstone and chlorite

rs
Metarhyolite and related quartz-sericite schist and sericite schist

am, gsl
ma
gsl
gsl, greenstone and chlorite schist
am, amphibolite
ma, marble

METASEDIMENTARY ROCKS

qz
Quartzite

ph
Phyllitic quartz-sericite-chlorite schist

ta, if
if
ta, metamorphosed tuff and agglomerate
if, hematitic iron formation
gs, greenstone and chlorite schist

lq
Pyritic quartz-graphite schist, siliceous and limey schist

OLDER METAVOLCANIC ROCKS

V₁
Metabasalt, meta-andesite, and equivalent pyroclastic rocks

INTRUSIVE ROCKS

gp
Peralkaline granite

di
Diorite and quartz diorite

di
Diabase dike

gr
Calc-alkalic granite

SYMBOLS

(Long dash where approximately located; short dash where inferred; dotted where concealed; queried where probable)

Contact

Fault showing relative horizontal movement
U, upthrown side; D, downthrown side

Anticline showing direction of plunge

Overturned anticline showing direction of dip of limbs and plunge

Syncline showing direction of plunge

Minor anticline showing plunge

Minor syncline showing plunge

Minor fold showing plunge of axis

Strike and dip of foliation

Strike of vertical foliation

Strike of vertical joints

Ancient mine

Ancient ruin

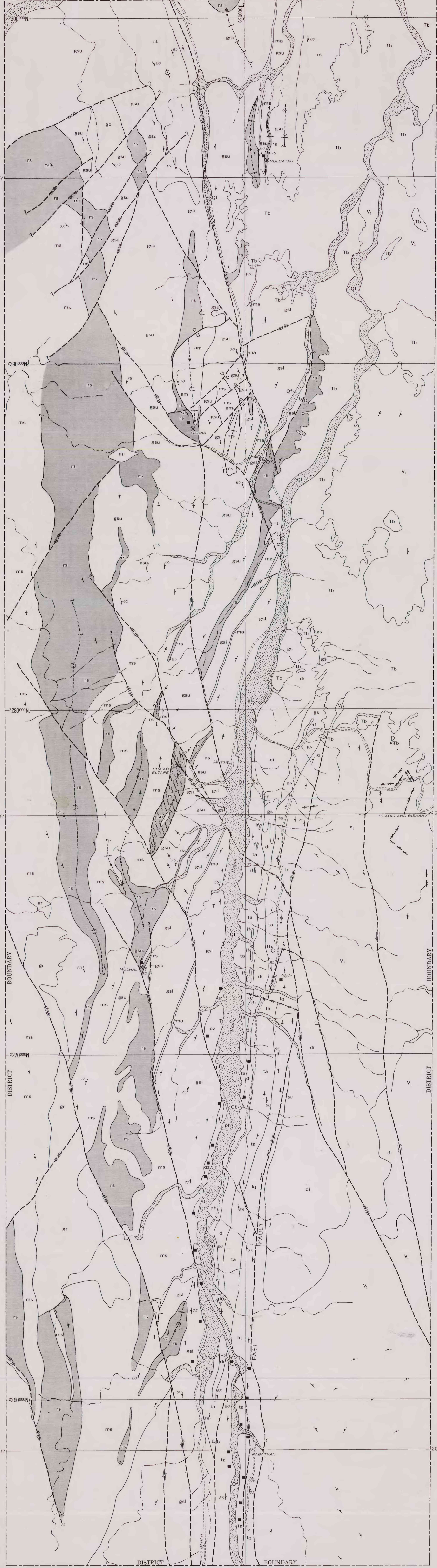


PLATE 1.—GEOLOGIC MAP OF THE WADI BIDAH DISTRICT