70-116

70-116

EXPLANATION

SEDIMENTARY AND VOLCANIC ROCKS

Qf — Alluvium and colluvium (HOLOCENE)

Tb — Basalt (TERTIARY)

YOUNGER METAVOLCANIC ROCKS

Upper

ms / gsu — ms, *intercalated siliceous and mafic metavolcanic rocks and pyroclastic rocks of equivalent composition*; gsu, *greenstone and chlorite*

Middle

rs — Metarhyolite and related quartz-sericite schist and sericite schist

Lower

am / gsl / ma / gsl — gsl, *greenstone and chlorite schist*; am, *amphibolite*; ma, *marble*

METASEDIMENTARY ROCKS

Upper

qz — Quartzite

ph — Phyllitic quartz-sericite-chlorite schist

Middle

ta / if / gs — ta, *metamorphosed tuff and agglomerate*; if, *hematitic iron formation*; gs, *greenstone and chlorite schist*

Lower

lq — Pyritic quartz-graphite schist, siliceous and limey schist

OLDER METAVOLCANIC ROCKS

V_1 — Metabasalt, meta-andesite, and equivalent pyroclastic rocks

(PRECAMBRIAN)

INTRUSIVE ROCKS

gp — Peralkaline granite

di — Diorite and quartz diorite

Diabase dike

(PRECAMBRIAN?)

gr — Calc-alkalic granite

(PRECAMBRIAN)

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

79 — 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