

EXPLANATION

- PLANAR AND LINEAR FEATURES; FEATURES MAY BE COMBINED**
- Channel sands of the Indus River and tributaries** (Qrs)
  - Unconsolidated surficial deposits** (Qal)
  - Terrace deposits** (Td)
  - Dolerite** (Dol)
  - Kingriali Formation** (Kfck)
  - Tanawal Formation** (Tan)
  - Hazara Formation** (OpChl, OpCh)
  - Salkhala Formation** (pCs)
- PLANAR AND LINEAR FEATURES; FEATURES MAY BE COMBINED**
- Inclined Overturned Vertical Horizontal Strike and dip of beds (Showing top of beds, T, where known)
  - Inclined Vertical Strike and dip of foliation
  - Foliation and bedding parallel
  - Bearing and plunge of lineation (Mainly microcrinkles and minor folds)
  - Horizontal lineation
  - Strike and dip of axial plane of minor fold and plunge of minor fold axis
  - Drill hole (Showing depth to bedrock in feet)
  - Hill
  - Triangulation point
  - Surveyed elevation point
- CONTACTS AND FAULTS**
- Contact (Dashed where approximately located)
  - Fault, showing dip (Dotted where concealed or inferred. U, upthrown side; D, downthrown side. Arrows show relative horizontal movement)
  - Thrust fault (Sawtooth on upper plate. Dotted where concealed or inferred)
  - Shear zone
  - Anticline (Showing crestline and plunge. Dotted where inferred)
  - Overtured anticline (Dashed where approximately located)
  - Syncline (Showing troughline and plunge. Dotted where inferred)

43 B/7	43 B/11	43 B/15
43 B/8	43 B/12	43 B/16
43 C/5	43 C/9	43 C/13

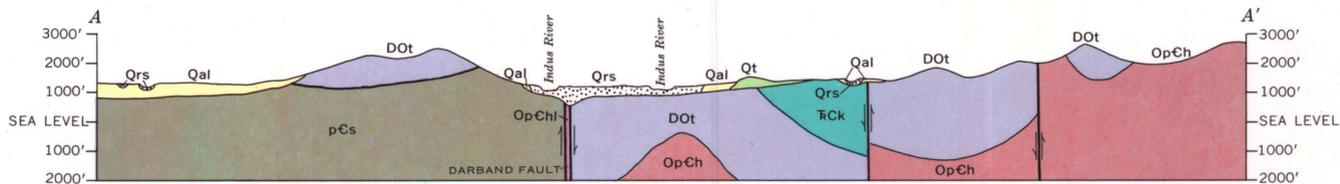
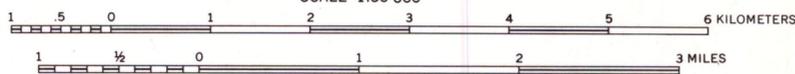
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Planimetry taken from Survey of Pakistan topographic sheet 43 B/12

Interior-Geological Survey, Reston, Va.-1974

Geology mapped by J. A. Calkins and M. Ahmad, in 1968

SCALE 1:50 000



**GEOLOGIC MAP AND SECTION OF THE TARBELA DAMSITE AREA, PAKISTAN**

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