EXPLANATION AND CROSS-SECTIONS TO ACCOMPANY THE GEOLOGIC MAP OF THE TONTO BASIN 7.5' QUADRANGLE, GILA AND MARICOPA COUNTIES, ARIZONA

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EXPLANATION

Quaternary

Qay Younger alluvium

Qao Older alluvium

Qc Talus and colluvial slope deposits

Qt Terraced alluvium

Qp Peidmont terraces

Tertiary

Tcr Conglomerate at Edwards Park

Tcp Post-tectonic conglomerate

Tcy Younger conglomerate

Tm Mudstone

Tco Older conglomerate

Middle Proterozoic

Ygc Coarse-grained, K-feldspar porphyritic granite

Ygm Medium-grained granite

Early Proterozoic

Xh Hornblendite

Xf Fine-grained granite and intrusive rhyolite/granophyre

Xgo Foliated coarse-grained, slightly K-feldspar porphyritic quartz monzonite

Xgr Rapakivi granite, medium- to coarse-grained

Xgs Quartz monzonite (Sierra Ancha)

Xq Quartzite

Xr Metarhyolite

MAP SYMBOLS

Contacts, dashed where approximate, dotted where concealed by younger deposits

depositional and intrusive

normal fault, ball in hanging wall

Strike and dip of planar features

bedding

dip of fault plane, spike indicates dip direction

mylonitic foliation

Cross-section end points

A A'

CROSS-SECTION SYMBOLS

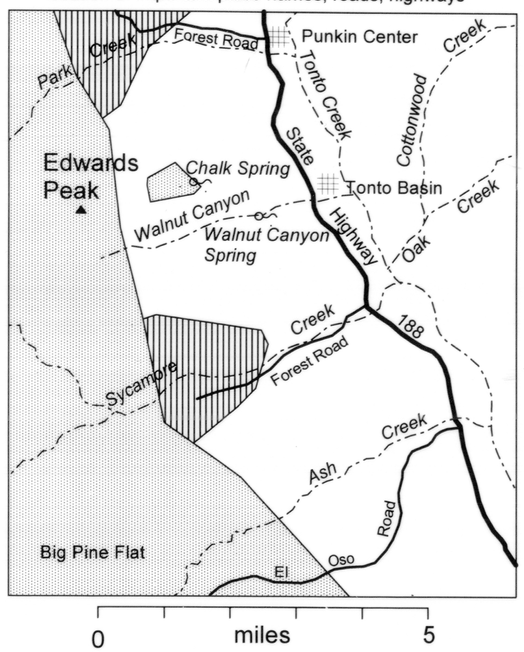
A A' end points for line of cross-section

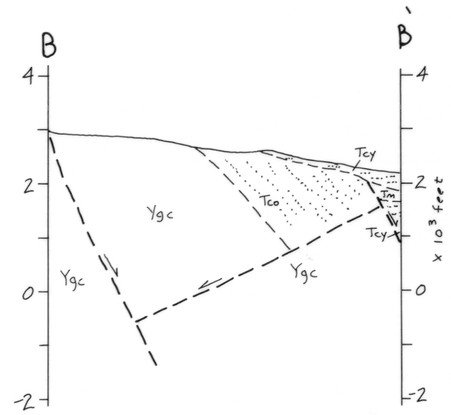
contact, depositional or intrusive, dashed where uncertain

intraformational bedding or layering

fault, dashed where uncertain

Tonto Basin 7.5' quadrangle, mapping responsibility and location of important place names, roads, highways





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