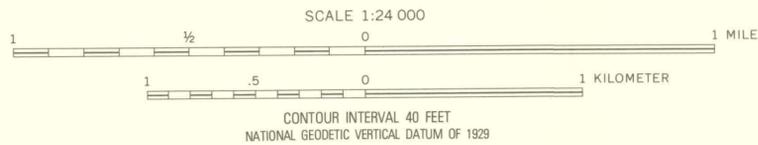
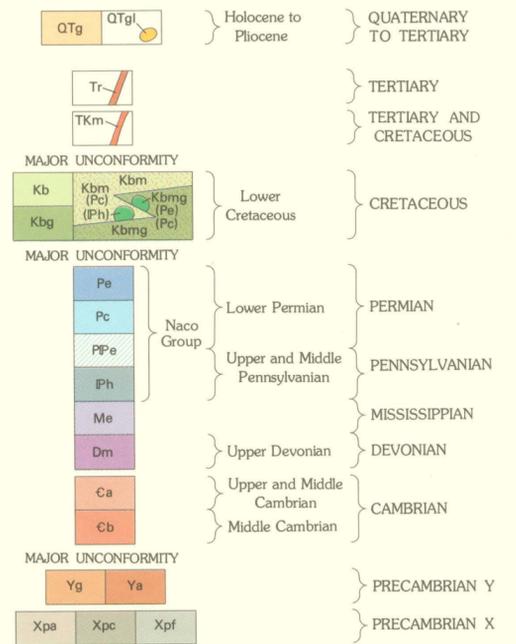


Base from U.S. Geological Survey, 1:62,500
Pearce and St. David, 1958

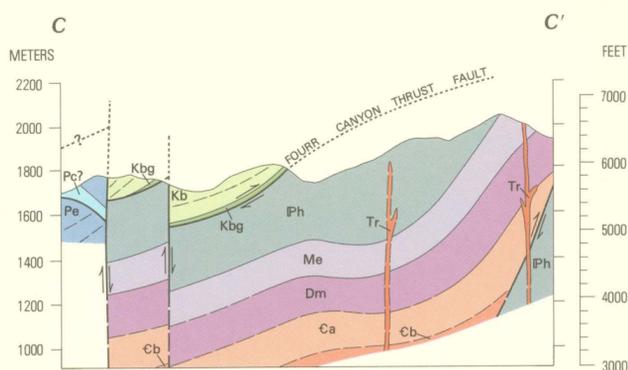
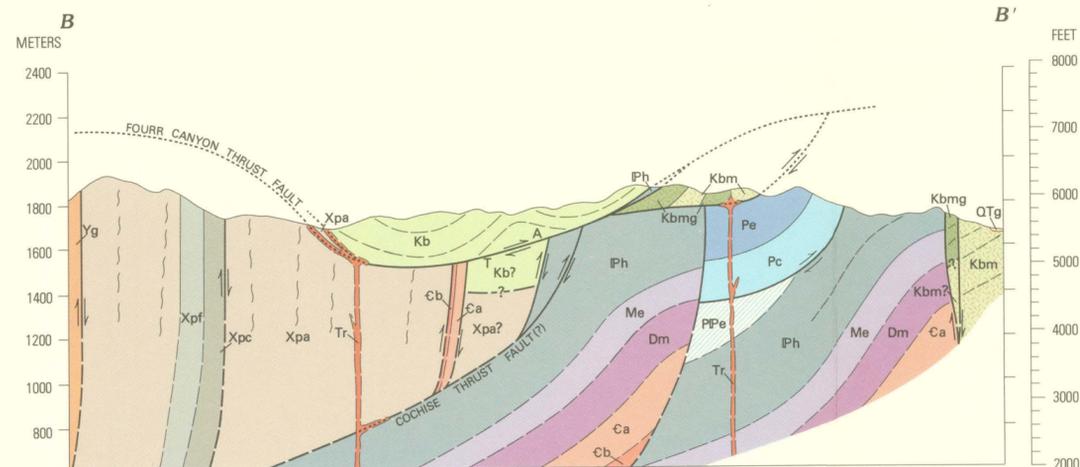
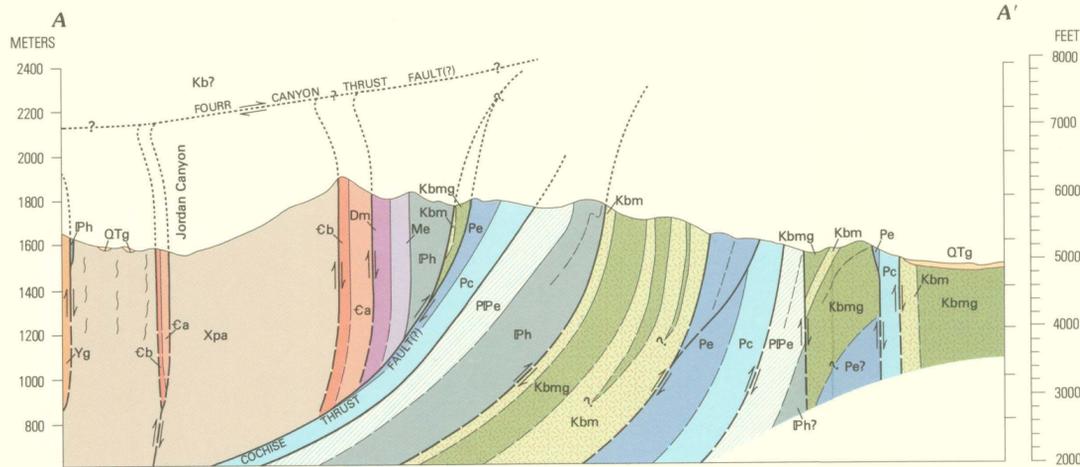


CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- QTg** GRAVEL AND SAND (HOLOCENE TO PLIOCENE)—Alluvium of floodplains and fans
- QTgl** LANDSLIDE DEPOSIT (HOLOCENE TO PLIOCENE)—Coarse, angular, unconsolidated detritus derived from unit Kbm, up-slope
- Tr** RHYOLITE (TERTIARY)—Light-colored porphyritic rhyolite in dikes and plug
- TKm** MAFIC ROCKS (TERTIARY OR CRETACEOUS)—Andesitic and dioritic dikes
- BISBEE FORMATION (LOWER CRETACEOUS):**
 - Western facies; unmetamorphosed:
 - Kb** Shale and siltstone—Includes some intercalated sandstone and limestone
 - Kbg** Glance Conglomerate Member—Cobble and pebble conglomerate, mainly of limestone clasts
 - Eastern facies; metamorphosed:
 - Kbm** Siltstone and sandstone—Contains some conglomerate stringers
 - Kbm(Pc)** Siltstone and sandstone—Lens of coarse sedimentary breccia derived from unit Pc
 - Kbm(Ph)** Siltstone and sandstone—Lens of coarse sedimentary breccia derived from unit Ph
 - Kbm(g)** Glance Conglomerate Member—Cobble and pebble conglomerate, mainly of limestone clasts
 - Kbm(gPe)** Glance Conglomerate Member—Lens of coarse sedimentary breccia derived from unit Pe
 - Kbm(gPc)** Glance Conglomerate Member—Lens of coarse sedimentary breccia derived from unit Pc
- NACO GROUP:**
 - Pe** Epitaph Dolomite (Lower Permian)—Light-gray and dark-gray metadolomite and dolomite
 - Pc** Colina Limestone (Lower Permian)—Dark-gray, platy, sparsely cherty and fossiliferous, medium-grained marble and limestone; contains some intercalated metasilstone and sandstone
 - PPe** Earp Formation (Lower Permian and Upper Pennsylvanian)—Reddish-gray to greenish-gray metasilstone, marlstone, thin intercalated beds of limestone and dolomite, and a trace of gypsum
 - Ph** Horquilla Limestone (Upper and Middle Pennsylvanian)—Pinkish-gray, fine-grained thin platy, sparsely cherty marble; upper half of unit contains intercalated metasilstone; thin bed of conglomeratic argillite near base of unit; contains sparse fusuline fossils
 - Me** ESCABROSA LIMESTONE (MISSISSIPPIAN)—Medium-gray to white, fine- to coarse-grained, thick-platy to massive cherty marble and limestone
 - Dm** MARTIN FORMATION (UPPER DEVONIAN)—Brown metadolomite, marble, and quartzite
 - Ca** ABRIGO FORMATION (UPPER AND MIDDLE CAMBRIAN)—Metasilstone, thin platy limestone, and sandstone
 - Cb** BOLSA QUARTZITE (MIDDLE CAMBRIAN)—Brownish-gray thick-bedded quartzite, includes a basal pebble conglomerate
 - Yg** GRANODIORITE (PRECAMBRIAN Y)—Coarsely porphyritic biotite granodiorite
 - Ya** APLITE (PRECAMBRIAN Y?)—Aplite dike; may be a younger rock
 - PINAL(?) SCHIST (PRECAMBRIAN X):**
 - Xpa** Metaarkose—Grayish-brown nearly massive; contains sparse intercalated argillite and schist
 - Xpc** Conglomeratic metaarkose
 - Xpf** Fanglomeratic metaarkose
- BRECCIA**—Coarse sedimentary breccia



- CONTACT—Dashed where inferred or gradational; dotted where concealed
- FAULTS—Dashed where inferred; dotted where concealed:
 - Normal fault—Showing dip. Bar and ball on downthrown side
 - Thrust fault—Sawteeth on upper plate
 - Strike-slip fault—Arrow couple shows relative movement
 - Fault on cross section—Arrow couple shows relative movement. A, movement away from viewer; T, toward viewer. Queried where basis for projection is lacking
- STRIKE OF SMALL FOLD—Showing plunge of axis and inclination of axial plane
- ANTICLINE—Showing strike of axis
- STRIKE AND DIP OF BEDS:
 - ⊕ Horizontal
 - 20° Inclined
 - ⊥ Vertical
 - 30° Overturned
- STRIKE AND DIP OF FOLIATION
 - ⊥ Vertical

GEOLOGIC MAP AND STRUCTURE SECTIONS OF PART OF THE NORTHERN DRAGON MOUNTAINS, ARIZONA