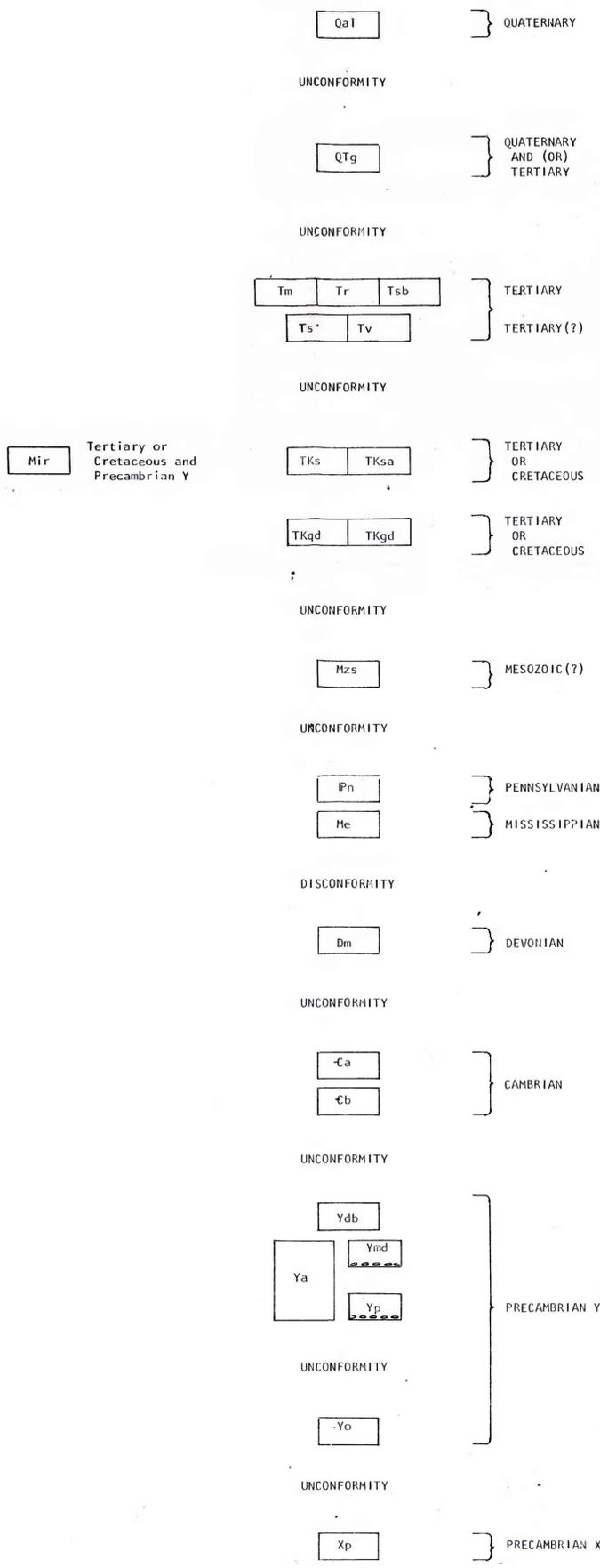


CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Qal	ALLUVIUM, COLLUVIUM, AND STREAM TERRACES (Quaternary)
QTg	SAND, GRAVEL, AND CONGLOMERATE (Quaternary and (or) Tertiary).--Chiefly alluvial basin deposits
Tm	MAFIC DIKES (Tertiary)
Tr	RHYOLITE DIKES (Tertiary)
Tsb	SLIDE BLOCKS AND GRANITE-DERIVED SEDIMENTARY ROCKS (Tertiary).--Sedimentary rocks may be mudflows
Ts	RED-BED SEDIMENTARY ROCKS (Tertiary?).--Indurated, well-bedded sandstone, shale, and locally conglomerate
Tv	ANDESITE-LATITE VOLCANIC ROCKS (Tertiary?).--Interlayered with unit Ts
TKs	QUARTZ MONZONITE OF SAMANIEGO RIDGE (Tertiary or Cretaceous).--Porphyritic and nonporphyritic facies. Large areas are intensely sheared and foliation is locally deformed
TKsa	Aplitic facies
mir	MIXED INTRUSIVE ROCKS (Tertiary or Cretaceous and Precambrian Y).--Porphyritic quartz monzonite of Precambrian Y age intruded by quartz monzonite of Samaniego Ridge
TKqd	QUARTZ DIORITE (Tertiary or Cretaceous).--Sills and dikes are porphyritic. The main mass of the pluton is nonporphyritic. Locally known as "the Leatherwood"
TKgd	GRANODIORITE PORPHYRY (Tertiary or Cretaceous).--May be equivalent to unit TKqd. An important host for ore in the San Manuel-Kalamazoo porphyry copper deposit
Mzs	SANDSTONE, SHALE, QUARTZITE, CARBONATE, AND CONGLOMERATE (Mesozoic?).--Well-bedded and interbedded
Pn	NACO LIMESTONE (Pennsylvanian)
Me	ESCABROSA LIMESTONE (Mississippian)
Dm	MARTIN LIMESTONE (Devonian)
Ca	ABRIGO FORMATION (Cambrian)
Eb	BOLSA QUARTZITE (Cambrian)
Ydb	DIABASE (Precambrian Y)
	APACHE GROUP (Precambrian Y)
Ynd	MESCAL LIMESTONE AND DRIPPING SPRING QUARTZITE.--Circles indicate Barnes Conglomerate Member of Dripping Spring Quartzite
Yp	PIONEER FORMATION.--Circles indicate Scanlan Conglomerate Member
Ya	UNDIFFERENTIATED APACHE GROUP.--Intensely metamorphosed, deformed, and poorly exposed
Yo	ORACLE GRANITE OF PETERSON (1938) (Precambrian Y).--Porphyritic quartz monzonite
Xp	PINAL SCHIST (Precambrian X)

X Cu  
Prospect Pit. Symbol indicates visible copper

Fault, showing dip. Dashed where approximately located. Bar and ball on downthrown side

Thrust fault. Sawteeth on upper plate

Horizontal beds

Strike and dip of beds

Strike and dip of overturned beds

Horizontal foliation

Strike and dip of foliation

Strike of vertical foliation

Minor fold, showing plunge

Bearing and plunge of lineation

Bearing of horizontal lineation

Bearing of horizontal lineation in plane of foliation

Bearing and plunge of inclined lineation in plane of foliation

Anticline, showing crest line

Syncline, showing crest line