



R. 15 W. R. 14 W.

AGE	ROCK UNIT	THICKNESS (feet)	DESCRIPTION
Paleocene - Pliocene			
	GILA CONGLOMERATE	QTot	1,000 Brown fanglomerate
Miocene		QTfc	20-50 Ferruginous conglomerate in basal Gila.
unconformity			
	UNDIFF. VOLCANICS	TV	Undifferentiated Tertiary basalt, Kneeling Nun, & Sugarlump fms.
Oligocene	BASALT	TB	0-50 Vesicular basalt porphyry flows, includes some andesite.
unconformity			
	KNEELING NUN TUFF	TKn	50 Welded ash, white.
		Tut	100 Crystal-vitric ash-flow tuff, pale tan to pale red; abundant sanidine and qtz with few cummee fragments.
unconformity			
Late Eocene - Early Oligocene	SUGARLUMP TUSS	Tuo	600 Thin-to thick-bedded white tuff. Numerous horizons with rhyolite boulders up to 12" in diameter.
		Teb	300 Air fall tuff; generally unsorted and unstratified.
unconformity			
POST-MINERAL			
PRE-MINERAL			
unconformity			
Cretaceous	INTRUSION BRECCIA	TKbd	Contains fragments of Kb, Kc, pEbg, and monzonite porphyry in an igneous matrix.
	LATITE DIKES, STOCK	TKD	Dikes and small stocks generally composed of latite and latite porph.
unconformity			
TYRONE STOCK	Lmp	Monzonite and quartz monzonite porphyry.	
Cretaceous	VOLCANICS	Kob	150-200 Andesite and andesite porphyry flows.
Cretaceous	COLORADO SHALE	Kc	300 Quartz latite tuff; bedded, light gray.
Precambrian	BEARTOOTH QUARTZITE	Kb	125 Orthoquartzite.
Precambrian	BURRO MOUNTAIN GRANITE	pEbg	Undifferentiated Precambrian, principally the Burro Min granite and related intrusions.
FAULT (dashed where approximate or concealed)			