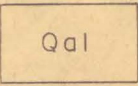
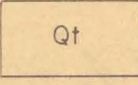
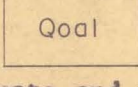
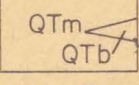

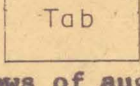
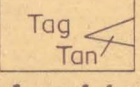
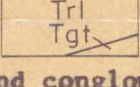
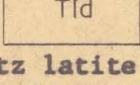
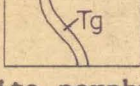
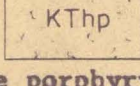
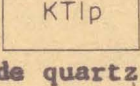
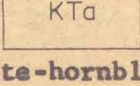
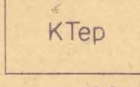
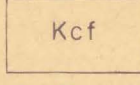
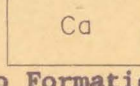
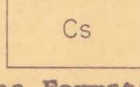
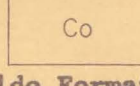


EXPLANATION

Holocene	QUATERNARY		Unconsolidated gravel, sand, and clay Deposited in major stream valleys
			Talus and rubble Deposited along valley slopes
			Fanglomerate and mudflows Cemented by iron oxides and quartz; caps older sedimentary and igneous rocks
Pliocene and Pleistocene	TERTIARY AND QUATERNARY	UNCONFORMITY	
			Gila Conglomerate QTm, coarse gravel deposits in Mimbres and Sapillo Valleys; includes fanglomerate, mudflows, coarse stream gravels, and talus QTb, intercalated olivine basalt
		UNCONFORMITY	
Oligocene	TERTIARY		Andesite, fanglomerate, and arkose Tav, flows of basaltic andesite Tavq, intercalated fan- glomerate and arkose
			Flows of augite basalt
			Gravel and basalt Tag, coarse gravel deposits consisting of fanglomerate, rudely bedded conglomerate, and arkose Tan, flows of porphyritic basalt
Lower Tertiary	TERTIARY	UNCONFORMITY	
			Tuff and conglomerate Trl, massive rhyolite tuffs. Upper part con- sists of partly welded vitric-crystal ash flows and pumiceous tuff; lower part, of welded and cemented crystal-vitric ash flows Tgt, water-laid tuff and conglomerate; occurs locally at base
		UNCONFORMITY	
Upper Tertiary(?) or lower Tertiary(?)	CRETACEOUS(?) OR TERTIARY(?)		Latite and quartz latite porphyry dikes and plugs
			Granodiorite porphyry dikes
			Hornblende trachyte porphyry sills and dikes
Upper Cretaceous(?)	CRETACEOUS		Hornblende quartz diorite porphyry sills, dikes, laccoliths and plutons
			Augite-hornblende diorite porphyry pluton
			Quartz diorite porphyry sills, dikes, laccoliths, and plutons
Upper Cretaceous	CRETACEOUS	UNCONFORMITY	
			Colorado Formation Massive sandstone interbedded with shale and arkose; equivalent to sandstone member of Colorado Formation in nearby areas
		UNCONFORMITY	
Lower Permian	PERMIAN		Abo Formation Red, purple, and maroon limy mudstone interbedded with limestone and chert conglomerate
		UNCONFORMITY	
Upper Pennsylvanian	PENNSYLVANIAN		Syrena Formation Interbedded limestone, silty limestone, and calcareous shale
			Oswaldo Formation Limestone and a few thin beds of shale
		Contact	
Middle Pennsylvanian	PENNSYLVANIAN	Long dashed where approximately located; short dashed where inferred; dotted where concealed	
		Fault, showing dip Dashed where approximately located; dotted where concealed	
		Strike and dip of beds	
Magdalena Group	PENNSYLVANIAN	Shear zone	
		Mine shaft	
		Mine adit	
Prospect pit	PENNSYLVANIAN	Prospect pit	

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