



































EXPLANATION

SEDIMENTARY AND METASEDIMENTARY ROCKS

IGNEOUS AND META-IGNEOUS ROCKS

CENOZOIC	QUATERNARY	Recent		Qs	Dune sand				
				Qal	Alluvium				
				Qsc	Stream channel deposits	}	GREAT VALLEY		Recent volcanic: Q _v ^r —rhyolite; Q _v ^a —andesite; Q _v ^b —basalt; Q _v ^p —pyroclastic rocks
				Qf	Fan deposits				
				Qb	Basin deposits				
			Qst	Salt deposits					
			Ql	Quaternary lake deposits					
			Qg	Glacial deposits					
		Pleistocene		Qt	Quaternary nonmarine terrace deposits				
				Qm	Pleistocene marine and marine terrace deposits		Pleistocene volcanic: Q _p ^v ^r —rhyolite; Q _p ^v ^a —andesite; Q _p ^v ^b —basalt; Q _p ^v ^p —pyroclastic rocks		
			Qc	Pleistocene nonmarine					
			QP	Plio-Pleistocene nonmarine		Quaternary and/or Pliocene cinder cones			
			Pc	Undivided Pliocene nonmarine					
	Pliocene		Puc	Upper Pliocene nonmarine					
			Pu	Upper Pliocene marine		Pliocene volcanic: P _v ^r —rhyolite; P _v ^a —andesite; P _v ^b —basalt; P _v ^p —pyroclastic rocks			
			Pmlc	Middle and/or lower Pliocene nonmarine					
			Pml	Middle and/or lower Pliocene marine					
			Mc	Undivided Miocene nonmarine					
			Muc	Upper Miocene nonmarine					
	TERTIARY	Miocene		Mu	Upper Miocene marine				
			Mmc	Middle Miocene nonmarine		Miocene volcanic: M _v ^r —rhyolite; M _v ^a —andesite; M _v ^b —basalt; M _v ^p —pyroclastic rocks			
			Mm	Middle Miocene marine					
			Ml	Lower Miocene marine					
			Φc	Oligocene nonmarine		Oligocene volcanic: Φ _v ^r —rhyolite; Φ _v ^a —andesite; Φ _v ^b —basalt; Φ _v ^p —pyroclastic rocks			
			Φ	Oligocene marine					
Eocene		Ec	Eocene nonmarine						
		E	Eocene marine		Eocene volcanic: E _v ^r —rhyolite; E _v ^a —andesite; E _v ^b —basalt; E _v ^p —pyroclastic rocks				