

TABLE 1. *Geologic formations exposed in the south Texas area.*

				Formations Exposed on the Coastal Plain		Formations Exposed on the Edwards Plateau			
CENOZOIC	QUATERNARY	Recent and Pleistocene ?		Alluvial deposits, beach deposits, bay deposits, and sand dunes		Alluvial deposits including flood-plain deposits and lower stream terraces			
		Pleistocene ?		Beaumont clay Lissie formation		Terrace deposits including chert and limestone gravel			
	TERTIARY	?	Pliocene ?		Willis sand	Uvalde and Reynosa formations of some writers. Upland deposits up to 100 feet thick consisting of chert and limestone pebbles and cobbles cemented by caliche	High gravels, consisting of chert and limestone pebbles and cobbles, locally cemented by caliche		
			Goliad sand						
			Miocene		Lagarto clay				
					Oakville sandstone				
					Gueydan formation in southwest Texas			Catahoula sandstone in east-central and east Texas	
					Frio clay				
					Jackson group			Whitsett formation	Fashing clay member Calliham sandstone member Dubose sandstone member Stones Switch sandstone member
								McElroy formation	Conquista clay member Dilworth sandstone member Manning clay member
			Wellborn sandstone						
			Caddell formation						
			Eocene		Claiborne group			Yegua formation	
								Cook Mountain formation	
								Sparta sand	
								Mount Selman formation	Neches greensand member Queen City sand member Bigford member—Reklaw member
					Carrizo sand				
					Wilcox group			Wilcox, undifferentiated; includes Indio formation in southwest Texas	
			Midway group		Wills Point clay				
					Kincaid formation				
MESOZOIC	CRETACEOUS	Gulf	Navarro group	Formations in southwest Texas— Escondido formation Olmos formation	Formations in south-central and east Texas— Kemp clay Corsicana marl Nacatoch sand Neylandville marl	Austin chalk—chalky limestone on ridgetops in southern Uvalde, southern Kinney, and western Val Verde counties			
				San Miguel formation Anacacho limestone				Taylor marl	
			Upson clay	Austin chalk					
				Eagle Ford shale	Eagle Ford shale—flaggy limestone in southern Uvalde and central Kinney counties. Equivalent to Boquillas flagstone in Val Verde County				
		Comanche	Washita group			Buda limestone			
						Del Rio clay			
						Georgetown limestone			
			Fredericksburg group			Kiamichi clay			
						Edwards limestone			
						Comanche Peak limestone			
		Trinity group			Walnut clay				
					Glen Rose limestone				