			Mesc	zoic					Cenozoic	Era		
			Cretaceous						Quaternary	System		
Trinity			Group			Fredericksburg Group			Pliestocene	Group	Geol	
Travis Peak Formation				Glen Rose Formation		Edwards Formation			to Recent floodplain alluvial deposits	Formation	Geological Units	
Hammett Member	Cow Creek Member	1	Hensell Member Bexar Member	(Corbula Bed) Lower Unit	Upper Unit	Fort Terrett Member		Segovia Member	Pliestocene to Recent floodplain, terrace and fan alluvial deposits	Member or Unit		
Confining Bed	* Middle Trinity Aquifer				<sup>3</sup> Upper Trinity Aquifer	<sup>2</sup> Confining		¹ Edwards Plateau Aquifer	Very Local Alluvial Aquifers	Hydrological Units		
70.0					(in and adjacent to north	western porti	on of study are	ea.)				
0-60 (pinches-out northward and northwestward)	0-100 (pinches-out northward and northwestward)		10 - ±300 (thins eastward)	0 - 400 (pinches-out toward Llano uplift and thins northwestward)	0 - 515 (pinches-out northward toward Llano uplift and thins northwestward)	150 - 300 (thickens southward)		170 - 380 (thickens southward)	0-50	Thickness (feet)	Approximate Range in Thickness	
Dark blue, gray to greenish gray, fossiliferous, calcareous and dolomitic shale with interbedded thin layers of limestone and sand.	Massive, locally crossbedded, highly fossiliferous, white to gray, sandy, argillaceous to dolomitic limestone with local thin layers of sand, shale, lignite, gypsum and anhydrite.	shaley limestone.	Hensell Member - Red to gray clay, silt, sand, sandstone, conglomerate and thin limestone beds. Thickest sand and sandstone predominate around Llano uplift. Limestone underlain by sandstone predominates in areas farther away from Llano uplift. Grades downdip (southward) into Bexar Member consisting of a thin sequence of silv dolomite, and calcareous shale and	Massive, fossiliferous limestone and limestone reefs with numerous caves in lower portion grading upward into thinner beds of limestone, dolomite, marl, and shale. At top, has a consistant Corbula bed (fossiliferous limestone) dividing Glen Rose Formation into upper and lower units.	Alternating resistant and recessive beds of hard to soft, fossiliferous limestone, porous dolomite, and nodular mari. Contains two distinct evaporite zones composed of gypsum and anhydrite. Is relatively thinner bedded, more dolomitic and less fossiliferous than lower unit.	Lower Part (Quarter) - Nodular limestone and yellow fossiliferous clay at base which is equivalent to "Walnut Formation".	UpperPart (Quarter) - Porcelaneous aphanitic limestone with collapse breccia, chert, and recrystallized limestone. Middle Part - Gray, cherty, fossiliferous limestone and brownish-gray dolomite.	Upper Part - Cherty, light-gray, fossiliferous limestone. Middle Part - Brownish-gray, porous, cherty, massive to thin-bedded dolomite with collapse breccia. Lower Part - Yellowish-gray, fossiliferous limestone and marl and marly limestone.	Gravel, sand, silt, clay and caliche.	Character of Rocks		
Not known to yield significant amounts of water to wells and springs.	A Yields small to very large quantities of fresh to moderately saline water to wells. With proper well construction and proper acidizing, well yields may be increased two-fold. With proper acidizing, well yields have been reported to have increased from 325 gallons per minute to 700 gallons per minute. Yields very small to small quantities of fresh water to numerous small springs.			anitites of fresh water to	Yields very small to small quantities of some fresh water, but mostly slightly to moderately saline water to wells. Well yields may be increased significantly by acidizing. Yields very small to small quantities of fresh water to numerous springs.	Confining bed of clay at base is not known to yield significant amounts of water to wells and springs.		Yields small to moderate quantities of fresh waters to wells in the northwestern part of the study area. Well yields may be increased significantly by acidizing. Yields small to very large quantities of fresh water to numerous springs.	May be capable of yielding very small to small quantities of fresh water.	Water-Bearing Properties		