

Table 3. Hydrogeologic subdivision form Maclay and Small (1976).

Hydrogeologic subdivision		Group, formation, member	Thickness (Feet)	Porosity / permeability type	
U P P E R C R E T A C E O U S	U P P E R U N I T S	Navarro Group, Upper Taylor Marl undivided and Escondido Formation	200 - 580	Low porosity / low permeability	
		Anacacho Limestone and Pecan Gap Chalk	300 - 500	Southern Bexar Co. has some water bearing strata	
		Austin Chalk	200 - 350	Minor aquifer that is locally interconnected with the Edwards Aquifer	
	U P P E R C O N F I N I N G U N I T S	Eagle Ford Group	30 - 50	Low permeability	
		Buda Limestone	40 - 50	Low porosity / low permeability	
		Del Rio Clay	40 - 50	None / primary upper confining unit	
L O W E R C R E T A C E O U S	E D W A R D S A Q U I F E R G R O U P	Georgetown Formation	2 - 20	Low porosity / low permeability	
		P E R S O N F O R M A T I O N	Cyclic and marine members, undivided	80 - 90	Laterally extensive; secondary porosity/ water - yielding
			Leached and collapsed members, undivided	70 - 90	Porosity developed along fractures or faults, permeable beds of collapse breccia, burrow biomicrities, honeycombed and laterally extensive, one of the most permeable
		K A I N E R F O R M A T I O N	Regional dense member	20 - 24	Negligible porosity and low permeability; vertical barrier
			Grainstone member	50 - 60	Cavernous, honeycombed layer and interparticle porosity
			Kirschberg evaporite member	50 - 60	One of the most permeable. Boxwork porosity in breccia or by burrowed zones
			Dolomitic member	110 - 130	Porosity developed along fractures or faults, honeycombed and laterally extensive, and water yielding
			Basal nodular member	50 - 60	No permeability in subsurface
			Lower confining unit	Upper member of the Glen Rose Limestone	350 - 500