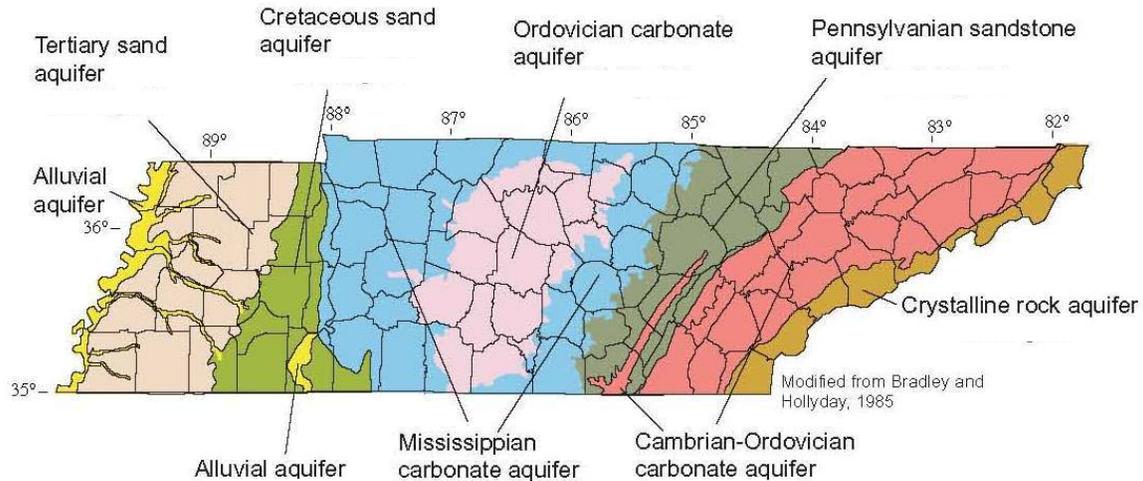


General Water Supply Well Characteristics



Modified from Carmichael and Bennett, 1993

Aquifer Name	General Water Supply Well Characteristics				General Water Quality Problems
	Depth (feet)		Yield (gallons per minute)		
	Common Range	May Exceed	Common Range	May Exceed	
Alluvial	10 - 75	100	20 - 50	1,500	High iron concentrations in some areas.
Tertiary Sand	100 - 1,300	1,500	200 - 1,000	2,000	High iron concentrations in some areas.
Cretaceous Sand	100 - 1,500	2,500	50 - 500	1,000	
Pennsylvanian Sandstone	100 - 200	250	5 - 50	200	High iron concentrations in some areas.
Mississippiian Carbonate	50 - 200	250	5 - 50	400	Water generally hard; high iron, sulfide, or sulfate concentrations in some areas. Aquifer susceptible to contamination.
Ordovician Carbonate	50 - 150	200	5 - 20	300	Water generally hard; high iron, sulfide, or sulfate concentrations in some areas. Aquifer susceptible to contamination.
Cambrian-Ordovician Carbonate	100 - 300	400	5 - 200	2,000	Water generally hard.
Crystalline Rock	50 - 150	200	5 - 20	1,000	Low pH and high iron concentrations in some areas.

List of Tennessee Licensed Well Drillers: call 1-800-523-4873 or

http://www.tn.gov/environment/dws/pdf/drill_inst.pdf