



SYSTEM	SYMBOL	HYDROGEOLOGIC UNIT	DESCRIPTION	
UPPER SEDIMENTARY (Alluvium and Pliocene)	UL	INDIVIDUAL WATER SEDIMENTARY AQUIFER	Also can carry sheet flow and Pliocene channel facies deposits that underlie much of the basin.	
	UG	PROLIFERATE GRAVEL AQUIFER	Coarse sand and gravel deposits of the Pliocene Formation. Also includes Channel facies conglomerate deposits, spring water, and Pliocene Formation. Water table near ground level along stream. Boring Logs and High-Cowley relations.	
LOWER SEDIMENTARY (Pliocene)	UNORIENTED/CLINO-ORIENTED UNITS  ORIENTED UNITS	U1	CONFINING UNIT 1	Shaly, silty, and clayey with fine sand siltstone. Contains Tribble Formation, however, when the Tribble siltstone is not present, it is considered from Early River siltstone.
		U2	TRIBUTARY SANDSTONE AQUIFER	Silty sandstone and conglomerate. Correlates with Tribble Formation.
		U3	CONFINING UNIT 2	Mudstone, siltstone, and claystone related to Early River siltstone.
		U4	SAND AND GRAVEL AQUIFER	Silty to gravelly sand within Early River siltstone.
OLDER ROCKS (Basaltic Lava)	OR	OLDER ROCKS	Includes Basaltic Volcanic, Quaternary Volcanic, and older rocks of the Fossiliferous Shale and Impure Pebbly Shale, south of Ripley Hollow, Columbia River Basalt Group and various rocks of the Knappton Formation.	

Figure 5: Hydrogeologic Cross-section of Area  
(taken from McFarland and Morgan, 1996A)