

Table 2-1. Summary of groundwater hydrology system

Downdip of Gulf Trough		Updip of Gulf Trough		
Series	Hydrogeologic Unit	Series	Hydrogeologic Unit	
Post-Miocene	Surficial Aquifer System	Post-Miocene	Surficial Aquifer System ¹	
Miocene	Intermediate Aquifer System/Intermediate Confining Unit	Miocene	Intermediate Aquifer System/Intermediate Confining Unit ¹	
Oligocene	Floridan Aquifer System	Oligocene	Upper Floridan Aquifer	
Upper Eocene		Upper Eocene	Pearl River Aquifer Confining Unit	
Middle Eocene		Middle Semiconfining Unit; East: Lower Permeability; West: Higher Permeability or part of the transmissive system	Middle Eocene	Pearl River Aquifer
		Lower Floridan Aquifer (Upper Zone)		
Lower Eocene		Lower Semiconfining Unit	Lower Eocene	Chattahoochee River Aquifer Confining Unit
Paleocene		Lower Floridan Aquifer (Fernandina Permeable Zone)	Paleocene	
Upper Cretaceous		Sub-Floridan Confining Unit	Upper Cretaceous	Chattahoochee River Aquifer
		Southeastern Coastal Plain Aquifer System		

*Where the middle confining unit is absent, the entire Floridan aquifer system is comprised of the Upper Floridan aquifer