

SYSTEM	SERIES	STRATIGRAPHIC UNIT		GEOLOGY AND LITHOLOGY	HYDROGEOLOGIC UNIT			
Quaternary	Holocene and Pleistocene	Undifferentiated surficial deposits		Sand	Surficial aquifer system			
	Pliocene						Cypresshead Formation	Sand, Clay
Tertiary	Miocene	Hawthorn Group	Bone Valley Member	Phosphate, clay, sand, limestone, and dolostone	Intermediate aquifer system or intermediate confining unit	Confining unit		
			Peace River Formation			Zone 2		
			Arcadia Formation			Confining unit		
			Tampa Member			Zone 3		
		Nocatee Member	Confining unit					
	Oligocene	Suwannee Limestone		Limestone and dolostone		Floridan aquifer system	Upper Floridan aquifer	Upper permeable zone
	Eocene	Ocala Limestone					Semi-confining unit	
Avon Park Formation		Limestone and dolostone with some intervals containing inclusions of gypsum and anhydrite	Lower permeable zone					
Oldsmar Formation			Middle confining unit	Middle semiconfining unit				
Paleocene	Cedar Keys Formation		Limestone and dolostone with beds of gypsum and anhydrite	Lower Floridan aquifer	Sub-Floridan confining unit			

Source: USGS SIR 2006-5320 (modified)

<p>Progress Energy Florida Levy Nuclear Power Plant Units 1 and 2 Part 2, Final Safety Analysis Report</p>
<p>Relationship of Stratigraphic and Hydrogeologic Units in West-Central Florida</p> <p>FIGURE 2.5.1-249 Rev 0</p>