

SYSTEM	SERIES	STRATIGRAPHIC UNIT		GEOLOGY AND LITHOLOGY	HYDROGEOLOGIC UNIT	
Quaternary	Holocene and Pleistocene	Undifferentiated surficial deposits		Sand	Surficial aquifer system	
	Pliocene					
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
	Eocene	Ocala Limestone			Semi-confining unit	
Avon Park Formation		Lower permeable zone				
Eocene	Oldsmar Formation	Limestone and dolostone with some intervals containing inclusions of gypsum and anhydrite	Middle confining unit	Middle semiconfining unit	Lower Floridan aquifer	
						Paleocene

Source: USGS SIR 2006-5320 (modified)

<p>Progress Energy Florida Levy Nuclear Plant Units 1 and 2 Part 2, Final Safety Analysis Report</p>
<p>Relationship of Stratigraphic and Hydrogeologic Units in West-Central Florida FIGURE 2.4.12-203 Rev 0</p>