



PROJECT NUMBER: 338884.FL	BORING NUMBER: PW-1
SHEET 1 OF 2	
SOIL BORING LOG	

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724085.9 N, 457687.9 E)
 ELEVATION : 42.0 ft MSL (NGVD83) DRILLING CONTRACTOR : Prosonic, Ocala, FL, Driller: N. Gamache
 DRILLING EQUIPMENT AND METHOD : Rotosonic, S/N SR116, sonic, 4"x6" ORIENTATION : Vertical
 WATER LEVELS : --- START : 2/13/2007 END : 2/15/2007 LOGGER : M. Faurote

DEPTH BELOW EXISTING GRADE (ft)		INTERVAL (ft)		STANDARD PENETRATION TEST RESULTS		SOIL DESCRIPTION		SYMBOLIC LOG	COMMENTS	
		RECOVERY (in)		6"-6"-6" (N)		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY			DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION	
		#TYPE								
42.0	0.0						Poorly Graded Sand (SP) 0.0-3.8' - light brownish gray to moderate brown and grayish orange, (5YR 6/1, 5YR 4/4, 10YR 7/4), very fine to fine grained, subangular to subrounded			
		60.0	R1-SN				Lean Clay With Sand (CL) 3.8-5.0' - light olive gray, (5Y 5/2), medium plasticity, silica sand			
5 37.0	6.0						No Recovery 5.0-6.0'			
							Silt (ML) 6.0-13.5' - grayish yellow, (5Y 8/4), moist, low plasticity, mild to moderate HCl reaction, <8% very fine carbonate sand at 8.2-11.6', carbonate materials			
10 32.0		120.0	R2-SN							
							Limestone 13.5-14.7' - grayish orange, (10YR 7/4), moderate HCl reaction, abundant fossil casts, 45% of void space has fossil casts, friable			
							Sandy Silt With Gravel (ML) 14.7-17.0' - grayish orange, (10YR 7/4), moist, nonplastic, moderate HCl reaction, limestone fragments to <1/2", carbonate materials			
15 27.0	16.0						16.0-17.0' - no gravel-sized fragments			
							Limestone 17.0-19.4' - moderate reddish orange, (10R 6/6), mild to moderate HCl reaction, fossil cast rich, up to of 1/16" voids over 60% surface			
20										



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DEPTH BELOW EXISTING GRADE (ft)		INTERVAL (ft)		STANDARD PENETRATION TEST RESULTS		SOIL DESCRIPTION		SYMBOLIC LOG		COMMENTS	
		RECOVERY (in)		6"-6"-6" (N)		SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY				DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION	
		#TYPE									
22.0		120.0	R3-SN			Sandy Silt With Limestone (ML) 19.4-21.0' - Same as 14.7-17.0' except <1" limestone fragments, fossil casts					
						Limestone 21.0-22.3' - Same as 17.0-19.4' except mild HCl reaction, very fine to fine grained, very thin fossil cast/mold bedding					
						Silt With Sand (ML) 22.3-26.0' - light brown, (5YR 5/6), nonplastic, mild HCl reaction, very thin limestone bedding at 25-26', fossil casts, carbonate materials					
25		26.0									
17.0						Sandy Silt With Limestone (ML) 26.0-29.0' - dusky yellow, (5Y 6/4), moderate to strong HCl reaction, silt and sand-sized carbonate materials and limestone fragments with fossil casts and molds					
		36.0	R4-SN								
						No Recovery 29.0-30.0'					
30		30.0									
12.0						Bottom of Boring at 30.0 ft bgs on 2/15/2003					