



PROJECT NUMBER: 338884.FL	BORING NUMBER: MW13S
SHEET 1 OF 2	
SOIL BORING LOG	

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724099.3 N, 457688.6 E)
 ELEVATION : 42.6 ft MSL (NGVD83) DRILLING CONTRACTOR : Prosonic, Ocala, FL; Driller: J. Gerwig
 DRILLING EQUIPMENT AND METHOD : Minisonic ATV, S/N 1412, sonic, 4"x6" ORIENTATION : Vertical

WATER LEVELS : --- START : 2/7/07 12:40 END : 2/7/07 14:50 LOGGER : R. Gomez

WATER LEVELS : —		START : 2/10/12:40		END : 2/10/14:30		LOGGER : R. Gomez	
DEPTH BELOW EXISTING GRADE (ft)	INTERVAL (ft)		STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION		SYMBOLIC LOG	COMMENTS
	RECOVERY (in)	#TYPE		6"-6"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY		
42.6	0.0				Poorly Graded Sand With Organics (SP) 0.0-1.0' - black to dark gray, (N1 to N3), wet, loose, very fine to fine grained, organic material, silica sand		
		36.0	R1-SN		Clayey Sand (SC) 1.0-3.0' - moderate brown, (5 YR 4/4), wet, loose, very fine to fine grained, low plasticity, soft, silica sand		
					No Recovery 3.0-5.0'		
5	5.0						
37.6					Poorly Graded Sand (SP) 5.0-7.0' - grayish orange, (10 YR 7/4), wet, loose, very fine to fine grained, silica sands		
		60.0	R2-SN		Silty Sand (SM) 7.0-8.0' - wet, loose		
					Silt (ML) 8.0-10.0' - grayish orange, (10 YR 7/4), moist, nonplastic, carbonate derived		
10	10.0						
32.6					Silt (ML) 10.0-13.0' - Same as 8.0-10.0'		
		36.0	R3-SN		No Recovery 13.0-15.0'		
15	15.0						
27.6					Limestone 15.0-16.0' - very pale orange, (10YR 8/2), fossiliferous		
		36.0	R4-SN		Silt (ML) 16.0-20.0' - Same as 15.0-16.0' except grayish orange, (10YR 7/4), nonplastic, carbonate materials		
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									
22.6	20.0						Silty Sand And Limestone (SM) 20.0-24.0' - grayish orange, (10YR 7/4), wet, mild to moderate HCl reaction, fine to coarse sand sized carbonate fragments and fine to coarse gravel sized limestone fragments				
		60.0	R5-SN								
25	25.0						Silt (ML) 24.0-25.0' - grayish orange, (10 YR 7/4), moist, stiff, low plasticity, carbonate materials				
17.6							Silty Sand And Limestone (SM) 25.0-29.0' - moderate yellowish brown, (10YR 5/4), fine to coarse sand sized carbonate material, fine to coarse gravel sized fossiliferous limestone				
		60.0	R6-SN								
30	30.0						Silt (ML) 29.0-30.0' - grayish orange, (10 YR 7/4), moist, stiff, low plasticity, carbonate material				
12.6							Bottom of Boring at 30.0 ft bgs on 2/7/07 12:40				