



PROJECT NUMBER:

338884.FL

BORING NUMBER:

MW11S

SHEET 1 OF 2

SOIL BORING LOG

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1722919.1 N, 456631.9 E)

ELEVATION : 42.1 ft MSL (NGVD83)

DRILLING CONTRACTOR : Prosonic, Ocala, FL; Driller: N. Gamache

DRILLING EQUIPMENT AND METHOD : Rotasonic, S/N SR116, sonic, 4"x6"

ORIENTATION : Vertical

WATER LEVELS : ---

START : 2/13/2007

END : 2/13/2007

LOGGER : J. Burkard

DEPTH BELOW EXISTING GRADE (ft)		INTERVAL (ft)		STANDARD PENETRATION TEST RESULTS		SOIL DESCRIPTION		SYMBOLIC LOG	COMMENTS	
		RECOVERY (in)				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		6"-6"-6" (N)						
42.1	0.0						Poorly Graded Sand And Organics (SP) 0.0-0.5' - black, (N1), moist, subangular to subrounded, fine silica sand; highly organic (plant debris)			
							Poorly Graded Sand (SP) 0.5-1.6' - pale yellowish brown, (10 YR 6/2), moist, silica sand			
		72.0	R1-SN				Poorly Graded Sand (SP) 1.6-2.6' - dark yellowish orange, (10 YR 6/6), moist, subangular to subrounded, silica sand			
							Poorly Graded Sand (SP) 2.6-2.8' - dark yellowish brown, (10 YR 4/2), moist, fine grained, subangular to subrounded, fine silica sand			
5							Poorly Graded Sand With Organics (SP) 2.8-3.0' - Same as 2.6-2.8' except grayish black, (N2), organic rich			
37.1	6.0						Poorly Graded Sand With Organics (SP) 3.0-3.5' - dark yellowish brown, (10 YR 4/2), moist, fine grained, subangular to subrounded, organic rich, silica sand			
							Poorly Graded Sand (SP) 3.5-10.0' - pale yellowish brown, (10 YR 6/2), moist, fine grained, subangular to subrounded, silica sand			
10										
32.1		120.0	R2-SN				Poorly Graded Sand (SP) Same as 3.5-10.0'			
15										
27.1	16.0									



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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									
22.1	20.0						Poorly Graded Sand (SP) Same as 3.5-10.0' except gray medium sand lenses up to 1/8" thick from 28.6-29.4'				
25 17.1		120.0	R4-SN								
30 12.1	30.0						Bottom of Boring at 30.0 ft bgs on 2/13/2007				
35 7.1											
40											