



PROJECT NUMBER:

338884.FL

BORING NUMBER:

OW-1

SHEET 1 OF 2

SOIL BORING LOG

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724114.1 N, 457688.3 E)

ELEVATION : 43.2 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 10:40

END : 2/7/07 11:20

LOGGER : R. Gomez

WATER LEVELS:		START: 2/15/10-10		END: 2/15/10-10		LESSER: R. CORRE	
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	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION		
43.2	0.0				No Recovery 0.0-5.0' - tree root fragments, very fine to fine silica sand and organics		Drilled through a complete tree root section (0.0-5.0')
		0.0	R1-SN				
5	5.0						
38.2					Silty Sand And Wood Fragments (SM) 5.0-6.0' - dark gray to black, (N3, N1), wet, very fine to fine grained, silica sand, organics, and wood fragments Silty Sand (SM) 6.0-7.0' - grayish orange, (10YR 7/4), wet, very fine to fine grained, nonplastic to low plasticity fines, silica sand Sandy Silt (ML) 7.0-8.0' - grayish orange, (10YR 7/4), wet, nonplastic, very fine grained carbonate materials No Recovery 8.0-10.0'		
10	10.0						
33.2					Silt (ML) 10.0-15.0' - grayish orange, (10YR 7/4), moist, nonplastic, carbonate materials		
		60.0	R3-SN				
15	15.0						
28.2					Sandy Silt (ML) 15.0-20.0' - very pale orange, (10YR 8/2), moist, medium stiff to stiff, nonplastic to low plasticity, very fine to medium coarse sand-sized, all carbonate materials		
		60.0	R4-SN				
20							



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

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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									
23.2	20.0						Limestone Fragments 20.0-21.7' - very pale orange, (10YR 8/2), casts, molds, shell fragments, 30-50% silt-sized carbonate material				
		60.0	R5-SN				Sandy Silt (ML) 21.7-25.0' - very pale orange, (10YR 8/2), moist, nonplastic, poorly graded				
25	25.0										
18.2							Limestone 25.0-30.0' - Same as 20.0-21.7' except sand to gravel sized limestone fragments				
		60.0	R6-SN								
30	30.0										
13.2							Bottom of Boring at 30.0 ft bgs on 2/7/07 11:20				
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