



PROJECT NUMBER:

338884.FL

BORING NUMBER:

OW-4

SHEET 1 OF 2

SOIL BORING LOG

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724074.8 N, 457678.1 E)

ELEVATION : 42.4 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 : 2/6/07 10:55

END : 2/6/07 12:00

LOGGER : R. Gomez

WATER LEVELS:		START: 2/26/16		END: 2/26/16		LOGSHEET: 16-0002	
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		
42.4	0.0				Poorly Graded Sand (SP) 0.0-5.0' - dark gray to light brownish gray, (N3, 5YR 6/1), wet, loose, very fine to fine grained, <5% fines, silica sand		
5	5.0	60.0	R1-SN				
37.4					Silty Sand (SM) 5.0-9.0' - light olive gray, (5Y 6/1), wet, very fine to fine grained, est. 10-15% fines		
		60.0	R2-SN				
10	10.0				Silt (ML) 9.0-10.0' - very pale orange, (10YR 8/2), moist, very stiff, nonplastic, carbonate materials		
32.4					Silty Sand (SM) 10.0-15.0' - very pale orange, (10YR 8/2), wet, very fine to fine grained, nonplastic fines, carbonate materials		
		60.0	R3-SN				
15	15.0				Fat Clay (CH) 15.0-17.0' - very pale orange, (10YR 8/2), wet, medium to high plasticity, carbonate		
27.4					Limestone 17.0-18.0' - dark yellowish brown, (10YR 4/2), fossiliferous, voids over 50-80% of surface		
		60.0	R4-SN		Sandy Silt (ML) 18.0-20.0' - very pale orange, (10YR 8/2), wet, medium stiff, nonplastic, carbonate		
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									
22.4	20.0						Silty Sand And Limestone (SM) 20.0-25.0' - very pale orange to grayish orange, (10YR 8/2 to 10YR 7/4), wet, loose, est 30-40% 1-3cm limestone fragments				
		60.0	R5-SN				Sandy Silt And Limestone (ML) 23.0-25.0' - dark yellowish brown, (10YR 4/2), moist, nonplastic to low plasticity, very fine to medium sand-sized carbonate materials and gravel-sized limestone				
25	25.0										
17.4							Sandy Silt (ML) 25.0-30.0' - very pale orange, (10YR 8/2), wet, nonplastic, carbonate				
		60.0	R6-SN								
30	30.0										
12.4							Bottom of Boring at 30.0 ft bgs on 2/6/07 12:00				
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