



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

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1724084.2 N, 457702.1 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 : 2/10/07 16:20 END : 2/10/07 17:05 LOGGER : R. Gomez

WATER LEVELS : —		START : 2/10/07 10:20		END : 2/10/07 17:05		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	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION		
42.6	0.0				Poorly Graded Sand (SP) 0.0-3.0' - black to moderate yellowish brown, (N1, 10YR 5/4), wet, very fine to fine grained, silica sand, organics		
		36.0	R1-SN		No Recovery 3.0-5.0'		
5	5.0						
37.6					Poorly Graded Sand (SP) 5.0-6.0' - moderate yellowish brown to pale brown, (10YR 5/4, 5YR 5/2), wet, very fine to fine grained, silica sand		
					Poorly Graded Sand (SP) 6.0-7.0' - Same as 5.0-6.0' except very pale orange, (10YR 8/2)		
		36.0	R2-SN		Silt (ML) 7.0-8.0' - light bluish gray, (5B 5/1), moist, low plasticity		
					No Recovery 8.0-10.0'		
10	10.0						
32.6					Fat Clay (CH) 10.0-11.3' - light brown, (5YR 5/6), moist, stiff, medium to high plasticity		
					Silt (ML) 11.3-12.5' - very pale orange to moderate yellowish brown, (10YR 8/2, 10YR 5/4), wet, nonplastic, strong HCl reaction, blocky partings, carbonate materials		
		30.0	R3-SN		No Recovery 12.5-15.0'		
15	15.0						
27.6					Limestone Fragments 15.0-16.0' - mild HCl reaction, <3cm fragments		
					Limestone And Silt (ML) 16.0-18.0' - mild HCl reaction, sand to gravel sized limestone fragments, carbonate silts		
		36.0	R4-SN		No Recovery 16.0-18.0'		
20							

