



LOGGER : A. Teal

[illegible]



PROJECT NUMBER:

338884.FL

BORING NUMBER:

MW3S

SHEET 2 OF 2

SOIL BORING LOG

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (170335.1 N, 460606.3 E)

ELEVATION : 48.4 ft MSL (NGVD83)

DRILLING CONTRACTOR : Prosonic, Ocala, FL Driller: F. Kraus

DRILLING EQUIPMENT AND METHOD : Rotasonic S/N SR109, sonic, 4" x 6"

ORIENTATION : Vertical

WATER LEVELS : ---

START : 1/31/07 09:05

END : 1/31/07 09:23

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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								
28.4		52.8	R3-SN				Silty Sand (SM) 20.6-25.0' - pale yellowish brown, (10YR 6/2), moist, very moist from 20.6-21.5', estimated 15% fines, very fine to fine silica sands, Fat Clay (CH) seam at 24.7-25.0' dusky yellow green (5GY 3/2), moist, firm, high-medium plasticity		Loss of core occurred in this run of approximately 5.6'. Driller reports softer section from approximately 15.0-20.0' then harder, "sticky" area from 20.0-25.0'. 4.4' of core believed to be from approximately 20.6-25.0'	
25 23.4	25.0						Poorly Graded Sand (SP) 25.0-27.1' - Same as 20.6-25.0' except very wet, loose at 26.0-27.1', Fat Clay (CH) seam at 25.0-26.0', same as 24.7-25.0' except grayish olive green (5GY 3/2) mottling and est. 15-25% gravel-sized limestone clasts up to 1" x 1/2"; strong HCl reaction No Recovery 27.1-30.0'		Loss of core occurred in this run approximately 2.9'. Driller reports very soft section below 27.0' to bottom of boring, 2.1' core believed to be from 25.0-27.1'	
30 18.4	30.0	25.2	R4-SN							
							Bottom of Boring at 30.0 ft bgs on 1/31/07 09:05			
35 13.4										
40										