

SOIL BORING LOG

PROJECT : Progress Energy Florida - COLA Investigation, Levy County Site LOCATION : (1729669.6 N, 455298.1 E)

ELEVATION : 43.3 ft MSL (NGVD83)

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

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

ORIENTATION : Vertical

WATER LEVELS : ---

START : 1/29/07 15:54

END : 1/29/07 16:23

LOGGER : A. Teal

[illegible]



PROJECT NUMBER: 338884.FL	BORING NUMBER: MW2S
SHEET 2 OF 2	
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WATER LEVELS : —		START : 1/29/07 13:34		END : 1/29/07 16:23		LOGGER : A. Teal	
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		
23.3		120.0	R3-SN		Silt And Limestone (ML) 15.0-16.3' - yellowish gray, (5YR 7/2), moist, medium plasticity, mild HCl reaction, gravel-sized limestone fragments up to 3" x 1 1/2"; limestone contains organic debris and fossil casts Silt And Limestone (ML) 16.3-25.0' - silt sized carbonate matrix with gravel sized limestone fragments up to 5" long; at 19.7-20.0' Fat Clay (CH) seam, dusky yellow brown (10YR 2/2) high plasticity, very moist		
25	25.0						
18.3					Limestone 25.0-26.5' - yellowish gray, (5Y 7/2), mild HCl reaction		
					Limestone 26.5-27.3' - medium yellow brown, (10YR 5/4), thinly interbedded with organics		
		60.0	R4-SN		Silt With Sand (ML) 27.3-28.4' - moderate HCl reaction, carbonate, localized clay stringers, high plasticity, low dilatancy, organic-rich decreasing with depth		
					Limestone With Clay And Silt 28.4-30.0' - mild to moderate HCl reaction, angular to subangular, fragments to 3" by 3/4", silt sized carbonate matrix with <10% sand sized clay material around limestone fragments		
30	30.0				Bottom of Boring at 30.0 ft bgs on 1/29/07 15:54		
13.3							