


Boring Designation CB-DUC04-25

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 2 SHEETS			
1. PROJECT Duval County FL BEC Borrow Area B1				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION CB-DUC04-25		LOCATION COORDINATES X = 418,770 Y = 2,183,287		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD27 VERTICAL MLLW			
3. DRILLING AGENCY Alpine Ocean Seismic Survey, Inc.		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
4. NAME OF DRILLER James F. Cole				12. TOTAL SAMPLES 4		DISTURBED 0			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 1		14. ELEVATION GROUND WATER Tidal			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 04-17-04		STARTED 04-17-04			
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -48.6 Ft.		COMPLETED 04-17-04			
8. TOTAL DEPTH OF BORING 19.6 Ft.				17. TOTAL RECOVERY FOR BORING 90 %					
				18. SIGNATURE AND TITLE OF INSPECTOR William H. Brenner, Geologist <i>William H. Brenner</i>					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RCD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-48.6	0.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, trace silt, trace angular sand to gravel-sized shell up to 2", weak reaction with HCl, wet, N 7/ light gray (SP-SM)	100			-48.6 Vibrocure		
				100	1		-51.1 -52.1 Vibrocure		
				100			-56.6 -57.6 Vibrocure		
-57.6	9.0		CLAY, lean, medium plasticity, very soft, some subrounded fine-grained sand-sized quartz, some silt, weak reaction with HCl, wet, 10Y 5/1 greenish gray (CL)	100			-60.6 -61.6 Vibrocure		
			At El. -61.6 Ft., N 4/ dark gray	100	3		Vibrocure		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																	
PROJECT Duval County FL BEC			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD27	VERTICAL MLLW																	
LOCATION COORDINATES X = 418,770 Y = 2,183,287			ELEVATION TOP OF BORING -48.6 Ft.																				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE														
				100			-64.1 Vibracore																
				100	4		-65.1 Vibracore																
-66.2	17.6																						
-68.2	19.6	NIR		35			Vibracore																
NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Laboratory Testing Results <table border="1"> <thead> <tr> <th>SAMPLE ID</th> <th>SAMPLE DEPTH</th> <th>LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.5/3.5</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>8.0/9.0</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>12.0/13.0</td> <td>CL*</td> </tr> <tr> <td>4</td> <td>15.5/16.5</td> <td>CL*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits. 3. Additional Laboratory Testing 2 Specific Gravity			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.5/3.5	SP-SM*	2	8.0/9.0	SP-SM*	3	12.0/13.0	CL*	4	15.5/16.5	CL*						
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