

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-DUC04-33				10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD27	
LOCATION COORDINATES X = 418,835 Y = 2,182,105				VERTICAL MLLW			
3. DRILLING AGENCY Alpine Ocean Seismic Survey, Inc.				11. MANUFACTURER'S DESIGNATION OF DRILL Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
CONTRACTOR FILE NO.				12. TOTAL SAMPLES		DISTURBED 4	
4. NAME OF DRILLER James F. Cole				13. TOTAL NUMBER CORE BOXES		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				14. ELEVATION GROUND WATER		Tidal	
DEG. FROM VERTICAL				15. DATE BORING		STARTED 04-18-04	
BEARING				COMPLETED 04-18-04			
6. THICKNESS OF OVERBURDEN N/A				16. ELEVATION TOP OF BORING -44.9 Ft.			
7. DEPTH DRILLED INTO ROCK N/A				17. TOTAL RECOVERY FOR BORING 80 %			
8. TOTAL DEPTH OF BORING 19.8 Ft.				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	RQD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-44.9	0.0						-44.9		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace angular sand to gravel-sized shell up to 3", weak reaction with HCl, wet, 10B 7/1 light bluish gray (SP)	100			-45.4	Vibrocure	
				100	1		-46.4	Vibrocure	
				100			-47.9	Vibrocure	
				100	2		-48.9	Vibrocure	
			At El. -48.9 Ft., weak cementation						
				100			-52.9	Vibrocure	
				100	3		-53.9	Vibrocure	
				100			-57.9	Vibrocure	
			At El. -55.7 Ft., 5B 6/1 bluish gray						
-57.4	12.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace angular sand to gravel-sized shell up to 3", weak reaction with HCl, wet, weak cementation, 5B 6/1 bluish gray (SP-SM)	100	4		-58.9	Vibrocure	
				33				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 = 418,835 Y = 2,182,105			ELEVATION TOP OF BORING -44.9 Ft.																				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE														
-60.8	15.9	 NO RECOVERY	At El. -60.5 Ft., 10G 4/1 dark greenish gray	33			Vibracore																
-64.7	19.8																						
			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>0.5/1.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.0/4.0</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>8.0/9.0</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>13.0/14.0</td> <td>SP-SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits. 3. Additional Laboratory Testing 3 Specific Gravity	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.5	SP*	2	3.0/4.0	SP*	3	8.0/9.0	SP*	4	13.0/14.0	SP-SM*					
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