

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 2 SHEETS	
1. PROJECT Duval County FL BEC Borrow Area A				9. SIZE AND TYPE OF BIT See Remarks			
2. BORING DESIGNATION CB-DUC04-15		LOCATION COORDINATES X = 418,203 Y = 2,186,442		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD27	
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		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES 1		UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER Tidal			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING 04-16-04		COMPLETED 04-16-04	
8. TOTAL DEPTH OF BORING 19.8 Ft.				16. ELEVATION TOP OF BORING -51.2 Ft.			
				17. TOTAL RECOVERY FOR BORING 89 %			
				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
-51.2	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace rounded shell, wet, N 8/ white (SP)	100			-51.2
				100	1		-53.7
				100			-54.7
				100			-57.2
				100	2		-58.2
				100			-62.7
				100	3		-63.7
				100			-65.2
				100	4		-66.2

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 = 418,203 Y = 2,186,442			ELEVATION TOP OF BORING -51.2 Ft.																				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UP	REMARKS	BLOWS/ 1 FT.	N-VALUE														
-68.9	17.7	NR		56			Vibracore																
-71.0	19.8						-71.0																
			<p>NOTES:</p> <p>1. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>2. Laboratory Testing Results</p> <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*</td> </tr> <tr> <td>2</td> <td>6.0/7.0</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>11.5/12.5</td> <td>SC*</td> </tr> <tr> <td>4</td> <td>14.0/15.0</td> <td>SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p> <p>3. Additional Laboratory Testing</p> <p>2 Specific Gravity</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.5/3.5	SP*	2	6.0/7.0	SP*	3	11.5/12.5	SC*	4	14.0/15.0	SM*					
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