

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-DUC04-26		LOCATION COORDINATES X = 417,552 Y = 2,183,303		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 Vibracore		<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 -48.8 Ft.		COMPLETED 04-17-04			
8. TOTAL DEPTH OF BORING 19.4 Ft.				17. TOTAL RECOVERY FOR BORING 100 %					
				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
-48.8	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace angular sand to gravel-sized shell up to 2", strong reaction with HCl, wet, N 8/ white (SP)	100			-48.8		
				100	1		-50.8		
				100			-51.8		
				100			-54.8		
				100	2		-55.8		
				100					
-58.8	10.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace angular sand to gravel-sized shell up to 2", strong reaction with HCl, wet, N 8/ white (SP-SM)	100	3		-59.8		
-60.8	12.0		SAND, silty, mostly fine-grained sand-sized quartz, trace clay, 10Y 5/1 greenish gray (SM)	100			-60.8		
				100					

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 = 417,552 Y = 2,183,303			ELEVATION TOP OF BORING -48.8 Ft.																					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE															
-68.2	19.4			100			Vibracore																	
				100	4		Vibracore																	
				100			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>2.0/3.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>6.0/7.0</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>11.0/12.0</td> <td>SP-SM*</td> </tr> <tr> <td>4</td> <td>16.0/17.0</td> <td>SM*</td> </tr> </tbody> </table>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/3.0	SP*	2	6.0/7.0	SP*	3	11.0/12.0	SP-SM*	4	16.0/17.0	SM*						
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3	11.0/12.0	SP-SM*																						
4	16.0/17.0	SM*																						
			*Lab visual classification based on gradation curve. No Atterberg limits.																					
			3. Additional Laboratory Testing																					
			1 Specific Gravity																					