

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-DUC04-44		LOCATION COORDINATES X = 418,079 Y = 2,179,480		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 04-19-04		STARTED 04-19-04	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -49.6 Ft.		COMPLETED 04-19-04	
8. TOTAL DEPTH OF BORING 19.6 Ft.				17. TOTAL RECOVERY FOR BORING 83 %		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
-49.6	0.0		SAND, poorly-graded, mostly subrounded fine-grained sand-sized quartz, little subrounded fine-grained sand-sized carbonate, trace silt, trace angular shell up to 1", strong reaction with HCl, wet, N 8/ white (SP)	100			-49.6
				100	1		-52.1
							-53.1
-54.6	5.0		SAND, poorly-graded with silt, mostly subrounded fine-grained sand-sized quartz, little subrounded fine-grained sand-sized carbonate, few silt, trace angular shell up to 1", strong reaction with HCl, wet, weak cementation, N 8/ white (SP-SM)	100			-57.1
				100	2		-58.1
				100			-61.1
-60.6	11.0		SAND, silty, mostly subrounded fine-grained sand-sized quartz, little subrounded fine-grained sand-sized carbonate, trace angular shell up to 1", weak reaction with HCl, wet, N 8/ white (SM)	100	3		-62.1
				100			-63.6
				100	4		-64.6

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 = 418,079 Y = 2,179,480			ELEVATION TOP OF BORING -49.6 Ft.																				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE														
-65.8	16.2	NO RECOVERY		26			Vibracore																
-69.2	19.6											-69.2											
			<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>7.5/8.5</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>11.5/12.5</td> <td>SM*</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>1 Specific Gravity</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.5/3.5	SP*	2	7.5/8.5	SP-SM*	3	11.5/12.5	SM*	4	14.0/15.0	SM*					
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