


Boring Designation CB-DUC03-15

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT Duval County, FL, BEC Offshore Borrow Area				9. SIZE AND TYPE OF BIT 3" Vibracore					
2. BORING DESIGNATION CB-DUC03-15				10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL MLLW	
3. DRILLING AGENCY Athena Technologies				11. MANUFACTURER'S DESIGNATION OF DRILL Athena Technologies Vibracore System		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
4. NAME OF DRILLER G. Bonn				12. TOTAL SAMPLES 4		DISTURBED 0		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 2		14. ELEVATION GROUND WATER N/A			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 08-08-03		STARTED 08-08-03		COMPLETED 08-08-03	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.4 Ft.		17. TOTAL RECOVERY FOR BORING 88 %			
8. TOTAL DEPTH OF BORING 20.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Julie Minton, Geologist					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-52.4	0.0		SAND, silty, mostly medium-grained sand-sized carbonate, little silt, trace quartz, strong reaction with HCl, moist, weak cementation, 2.5Y 8/4 pale yellow (SM)	100	1		-52.4		
			At El. -53.9 Ft., 2.5Y 8/2 pale yellow				Vibracore		
			At El. -56.4 Ft., moderate cementation	100			Vibracore		
-57.7	5.3		SAND, silty, mostly fine to medium-grained sand-sized quartz, little silt, few shell, discontinue carbonate, strong reaction with HCl, moist, discontinue cementation, 5Y 5/1 gray (SM)	100	4		-57.7		
							-58.2		
				100			Vibracore		
-60.6	8.2		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, little medium to coarse-grained sand-sized shell, few silt, strong reaction with HCl, moist, 5Y 5/1 gray (SP-SM)	100	2		-60.9		
							-61.4		
				100			Vibracore		
-62.4	10.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, trace silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP)	100			-64.9		
							-65.4		
				100	3		Vibracore		
			At El. -66.4 Ft., trace shell	67			Vibracore		

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 NAD83		VERTICAL MLLW																
LOCATION COORDINATES X = 579,951 Y = 2,184,481			ELEVATION TOP OF BORING -52.4 Ft.																				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE														
-70.1	17.7	 NO RECOVERY		67			Vibracore																
-72.4	20.0						-72.4																
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>0.0/0.5</td> <td>SM*</td> </tr> <tr> <td>4</td> <td>5.3/5.8</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>8.5/9.0</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>12.5/13.0</td> <td>SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SM*	4	5.3/5.8	SP*	2	8.5/9.0	SP*	3	12.5/13.0	SP*						
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