


Boring Designation CB-DUC03-7

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-DUC03-7		LOCATION COORDINATES X = 559,646 Y = 2,176,032		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)			HORIZONTAL NAD83	VERTICAL MLLW	
3. DRILLING AGENCY Athena Technologies		CONTRACTOR FILE NO.		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		DISTURBED 4	UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		2			
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER		N/A			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 08-06-03	COMPLETED 08-06-03		
8. TOTAL DEPTH OF BORING 20.0 Ft.				16. ELEVATION TOP OF BORING		-50.4 Ft.			
				17. TOTAL RECOVERY FOR BORING		88 %			
				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
-50.4	0.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, strong reaction with HCl, moist, 10GY 4/1 dark greenish gray (SM)	100			-50.4		
				100	1		-52.4 -52.9		
			At El. -55.4 Ft., few medium to coarse-grained sand-sized shell, 5GY 5/1 greenish gray	100			Vibracore		
			At El. -58.0 Ft., little sand to gravel-sized shell up to 1/2"	100	2		-58.0 -58.5		
-59.2	8.8			100			-59.2		
-60.4	10.0		SAND, clayey, mostly sand to gravel-sized shell up to 1/2", little fine-grained sand-sized quartz, little clay, strong reaction with HCl, moist, 10Y 7/1 light greenish gray (SC)	100	3		-59.7		
				100			-60.4		
-61.9	11.5		SAND, poorly-graded with silt, mostly sand to gravel-sized shell up to 3/4", few fine-grained sand-sized quartz, few silt, strong reaction with HCl, moist, 10Y 6/1 greenish gray (SP-SM)	100	4		-60.9		
-62.4	12.0		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, little medium-grained sand-sized shell (SP-SM)						
			SAND, clayey, mostly fine to medium-grained sand-sized quartz, little medium to coarse-grained sand-sized shell, little clay, strong reaction with HCl, moist, 10Y 5/1 greenish gray (SC)	75			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 MLW								
LOCATION COORDINATES X = 559,646 Y = 2,176,032			ELEVATION TOP OF BORING -50.4 Ft.											
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE					
-68.0	17.6		At El. -65.4 Ft., few fine to medium-grained sand-sized shell	75			Vibracore							
-70.4	20.0	NO RECOVERY					-70.4							
<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>2.0/2.5</td> <td>SP-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	2.0/2.5	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION												
1	2.0/2.5	SP-SM*												

