

Boring Designation CB-DUC03-5

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-DUC03-5				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		DISTURBED 2		UNDISTURBED (UD) 0							
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		1									
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER		N/A									
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 08-03-03		COMPLETED 08-03-03							
8. TOTAL DEPTH OF BORING 11.0 Ft.				16. ELEVATION TOP OF BORING		-35.6 Ft.									
				17. TOTAL RECOVERY FOR BORING		86 %									
				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						
-35.6	0.0		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 6/1 gray (SP-SM)	100	1		-35.6								
				100			Vibracore								
				100	2		-37.6								
			From El. -38.0 to -38.1 Ft., layer of fat clay				-38.1								
-38.8	3.2														
-40.1	4.5		SAND, clayey, mostly fine to medium-grained sand-sized quartz, little clay, trace shell, weak reaction with HCl, moist, 5Y 3/1 very dark gray (SC)												
			LIMESTONE, soft, highly weathered, 5Y 7/1 light gray												
-43.6	8.0			82			Vibracore								
-45.0	9.4		SAND, clayey, mostly fine to medium-grained sand-sized quartz, little clay, no reaction with HCl, moist, 5Y 4/1 dark gray (SC)												
-46.6	11.0														
		NO RECOVERY													
			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>2</td> <td>2.0/2.5</td> <td>SP-SM*</td> </tr> </tbody> </table>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	2	2.0/2.5	SP-SM*						
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2	2.0/2.5	SP-SM*													

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 = 561,104 Y = 2,188,591			ELEVATION TOP OF BORING -35.6 Ft.					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT. N-VALUE
			*Lab visual classification based on gradation curve. No Atterberg limits. 3. Additional Laboratory Testing 2 Specific Gravity					



