

Boring Designation CB-DUC03-22

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-DUC03-22				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 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 08-04-03		COMPLETED 08-04-03	
8. TOTAL DEPTH OF BORING 20.5 Ft.				16. ELEVATION TOP OF BORING		-49.2 Ft.			
				17. TOTAL RECOVERY FOR BORING		92 %			
				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
-49.2	0.0		SAND, poorly-graded, mostly fine to 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			-49.2		
				100	1		-49.7 Vibracore		
							-50.2 Vibracore		
				100			Vibracore		
				100	2		-52.2 -52.7 Vibracore		
-55.5	6.3		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, few silt, strong reaction with HCl, moist, 5Y 5/1 gray (SP-SM)	100	3		-55.5		
				100			-56.0 Vibracore		
-57.1	7.9						-57.2 -57.7 Vibracore		
			SAND, silty, mostly fine to medium-grained sand-sized quartz, little medium-grained sand-sized shell, little silt, strong reaction with HCl, moist, 5Y 5/1 gray (SM)	100	4				
-61.2	12.0		CLAY, fat, high plasticity, little fine-grained sand-sized quartz, trace shell, strong reaction with HCl, moist, 5GY 5/1 greenish gray (CH)	86			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 = 570,678 Y = 2,182,277				ELEVATION TOP OF BORING -49.2 Ft.																
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE											
-68.0	18.8	NO RECOVERY		86			Vibracore													
-69.7	20.5						-69.7													
<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" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">SAMPLE ID</th> <th style="width: 20%;">SAMPLE DEPTH</th> <th style="width: 65%;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.5/1.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.0/3.5</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>6.3/6.8</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>									SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.0	SP*	2	3.0/3.5	SP*	3	6.3/6.8	SP*
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