

Boring Designation CB-DUC03-26

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-DUC03-26				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)	
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 08-02-03		STARTED 08-02-03		COMPLETED 08-02-03	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -51.5 Ft.		17. TOTAL RECOVERY FOR BORING 75 %			
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
-51.5	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace shell, strong reaction with HCl, moist, 5Y 6/1 gray (SP)	100			-51.5		
				100	1		Vibracore		
				100			-52.5		
				100			-53.0		
			At El. -54.8 Ft., 5Y 5/1 gray	100			Vibracore		
				100	2		-55.0		
				100			-55.5		
-56.7	5.2		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, strong reaction with HCl, moist, 5Y 5/1 gray (SM)	100			Vibracore		
				100	3		-57.5		
				100			-58.0		
			At El. -59.2 Ft., some sand to gravel-sized shell up to 1/2"	100			Vibracore		
			At El. -60.2 Ft., little medium to coarse-grained sand-sized shell	100			Vibracore		
-62.8	11.3		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			-64.0		
-63.7	12.2		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	4		-64.5		
-66.5	15.0			29			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 = 572,023 Y = 2,167,318			ELEVATION TOP OF BORING -51.5 Ft.																		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
-71.5	20.0	NO RECOVERY		29			Vibracore														
			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>1.0/1.5</td><td>SP*</td></tr><tr><td>2</td><td>3.5/4.0</td><td>SP*</td></tr><tr><td>3</td><td>6.0/6.5</td><td>SP-SM*</td></tr></tbody></table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	2	3.5/4.0	SP*	3	6.0/6.5	SP-SM*						
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