




Boring Designation CB-DUC03-11

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-DUC03-11		LOCATION COORDINATES X = 563,741 Y = 2,197,992		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				
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		DEG. FROM VERTICAL		BEARING		13. TOTAL NUMBER CORE BOXES 2		
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A		15. DATE BORING		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -50.4 Ft.		STARTED 08-01-03	COMPLETED 08-01-03	
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 75 %				
				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						-50.4		
		 SAND, poorly-graded, mostly medium-grained sand-sized quartz, trace shell, trace silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP) From El. -54.0 to -54.2 Ft., layer of clayey sand	100	1		-50.9	Vibracore		
			100				Vibracore		
			100	2		-54.2			
						-54.7	Vibracore		
-56.2	5.8	 SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, strong reaction with HCl, moist, 5Y 5/1 gray (SM) From El. -56.9 to -57.0 Ft., layer of clayey sand From El. -57.0 to -57.3 Ft., layer of poorly graded sand	100	3		-56.2	Vibracore		
			100			-56.7	Vibracore		
			100	4		-57.4	Vibracore		
						-57.9	Vibracore		
-62.1	11.7	 SAND, clayey, mostly medium-grained sand-sized quartz, little clay, strong reaction with HCl, moist, weak cementation, 5Y 4/2 olive gray (SC)	60				Vibracore		
-65.4	15.0								

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 = 563,741 Y = 2,197,992			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															
-70.4	20.0	NO RECOVERY		60			Vibracore																
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Laboratory Testing Results <table><tr><td>SAMPLE ID</td><td>SAMPLE DEPTH</td><td>LABORATORY CLASSIFICATION</td></tr><tr><td>1</td><td>0.0/0.5</td><td>SP*</td></tr><tr><td>2</td><td>3.8/4.3</td><td>SP*</td></tr><tr><td>3</td><td>5.8/6.3</td><td>SP-SM*</td></tr><tr><td>4</td><td>7.0/7.5</td><td>SP-SM*</td></tr></table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	2	3.8/4.3	SP*	3	5.8/6.3	SP-SM*	4	7.0/7.5	SP-SM*					
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