

Boring Designation CB-DUC03-12

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-DUC03-12		LOCATION COORDINATES X = 566,593 Y = 2,195,465		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 3	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 08-05-03	COMPLETED 08-05-03		
8. TOTAL DEPTH OF BORING 20.0 Ft.				16. ELEVATION TOP OF BORING		-60.8 Ft.			
				17. TOTAL RECOVERY FOR BORING		82 %			
				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
-60.8	0.0						-60.8		
-61.3	0.5		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few fine to medium-grained sand-sized shell, few silt, strong reaction with HCl, moist, 5Y 4/1 dark gray (SP-SM)	100	1		-61.3 Vibracore		
			SAND, silty, mostly fine to medium-grained sand-sized quartz, little silt, few fine to medium-grained sand-sized shell, strong reaction with HCl, moist, 5Y 4/1 dark gray (SM)	100			-62.8 Vibracore		
			At El. -63.4 Ft., mostly fine to coarse-grained sand-sized quartz, trace shell, 2.5Y 5/2 grayish brown	100	3		-63.3 Vibracore		
-65.8	5.0		SAND, clayey, mostly fine to coarse-grained sand-sized quartz, little clay, trace shell, strong reaction with HCl, moist, 5Y 4/1 dark gray (SC)	100			-71.5 Vibracore		
			At El. -72.0 Ft., 5Y 3/1 very dark gray	100	2		-72.0 Vibracore		
				59			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 = 566,593 Y = 2,195,465				ELEVATION TOP OF BORING -60.8 Ft.																	
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
-77.3	16.4																				
-80.8	20.0	NO RECOVERY		59			Vibracore														
			<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 style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0/0.5</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>2.0/2.5</td> <td>SM*</td> </tr> <tr> <td>2</td> <td>10.7/11.2</td> <td>SP-SC*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p> <p>3. Additional Laboratory Testing</p> <p>3 Specific Gravity</p>							SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP-SM*	3	2.0/2.5	SM*	2	10.7/11.2	SP-SC*
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