


Boring Designation CB-DUC03-38

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-DUC03-38		LOCATION COORDINATES X = 579,648 Y = 2,177,425		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 3		DISTURBED 3			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 2		UNDISTURBED (UD) 0			
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A		15. DATE BORING 08-04-03			
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -54.8 Ft.		COMPLETED 08-04-03			
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 100 %		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
-54.8	0.0						-54.8		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell, trace silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP)	100			-55.3 Vibracore		
				100	1		-56.0 Vibracore		
			At El. -56.8 Ft., mostly fine-grained sand-sized quartz, 5Y 5/1 gray	100			Vibracore		
-58.1	3.3						-58.3		
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, strong reaction with HCl, moist, 5Y 5/1 gray (SP-SM)	100	2		-58.8 Vibracore		
				100			Vibracore		
				100	3		-60.3		
							-60.8 Vibracore		
-63.0	8.2								
			SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, strong reaction with HCl, moist, 5Y 5/1 gray (SM)						
-64.4	9.6								
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, strong reaction with HCl, moist, 5Y 5/1 gray (SP-SM)	100			Vibracore		
-66.4	11.6								
			CLAY, fat, high plasticity, trace quartz, no reaction with HCl, moist, 10GY 4/1 dark greenish gray (CH)						

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 = 579,648 Y = 2,177,425			ELEVATION TOP OF BORING -54.8 Ft.																		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
-74.8	20.0			100			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 border="1"><thead><tr><th>SAMPLE ID</th><th>SAMPLE DEPTH</th><th>LABORATORY CLASSIFICATION</th></tr></thead><tbody><tr><td>1</td><td>0.5/1.2</td><td>SP*</td></tr><tr><td>2</td><td>3.5/4.0</td><td>SP*</td></tr><tr><td>3</td><td>5.5/6.0</td><td>SP-SM*</td></tr></tbody></table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p> <p>3. Additional Laboratory Testing</p> <p>2 Specific Gravity</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.2	SP*	2	3.5/4.0	SP*	3	5.5/6.0	SP-SM*						
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