

Boring Designation CB-DUC03-33

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-DUC03-33		LOCATION COORDINATES X = 579,852 Y = 2,187,684		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 2		DISTURBED 2		UNDISTURBED (UD) 0	
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 08-08-03		STARTED 08-08-03			
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -61.7 Ft.		COMPLETED 08-08-03			
8. TOTAL DEPTH OF BORING 20.8 Ft.				17. TOTAL RECOVERY FOR BORING 97 %					
				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
-61.7	0.0		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, little sand to gravel-sized shell up to 1/2", few silt, strong reaction with HCl, moist, 10Y 5/1 greenish gray (SP-SM) At El. -62.5 Ft., few fine to medium-grained sand-sized shell	100	1		-61.7		
				100	2		Vibracore		
							-62.5		
							Vibracore		
							-64.2		
-65.2	3.5		LIMESTONE, very soft, highly weathered, medium-grained, 5Y 6/1 gray						
-66.9	5.2	Highly Weathered							
-71.2	9.5		SAND, silty, mostly fine to medium-grained sand-sized carbonate, little silt, few fine-grained sand-sized quartz, strong reaction with HCl, moist, moderate cementation, 5Y 8/1 white (SM)						
-72.0	10.3	HW	LIMESTONE, very soft, highly weathered, medium-grained, 5Y 6/1 gray						
			SAND, silty, mostly fine to medium-grained sand-sized carbonate, little silt, strong reaction with HCl, moist, 5Y 6/2 light olive gray (SM)						
				97			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 = 579,852 Y = 2,187,684			ELEVATION TOP OF BORING -61.7 Ft.														
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE								
-79.9	18.2			97			Vibracore										
-81.9	20.3		SAND, clayey, mostly medium-grained sand-sized quartz, little clay, no reaction with HCl, moist, moderate cementation, 5Y 4/2 olive gray (SC)														
-82.5	20.8	NR					-82.5										
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>0.0/0.8</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>0.8/2.5</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	0.0/0.8	SP-SM*	2	0.8/2.5	SP-SM*						
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