

Boring Designation CB-DUC03-25

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-DUC03-25				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		DISTURBED 2		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 20.4 Ft.				16. ELEVATION TOP OF BORING		-56.7 Ft.			
				17. TOTAL RECOVERY FOR BORING		99 %			
				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
-56.7	0.0						-56.7		
-58.1	1.4		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to medium-grained sand-sized shell, trace silt, strong reaction with HCl, moist, 10Y 6/1 greenish gray (SP)	100	1		Vibracore		
-59.8	3.1		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few fine to medium-grained sand-sized shell, few silt, strong reaction with HCl, moist, 10Y 5/1 greenish gray (SP-SM)	100	2		Vibracore		
-60.5	3.8		SAND, clayey, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 1", little clay, strong reaction with HCl, moist, 10Y 5/1 greenish gray (SC)						
-63.2	6.5		LIMESTONE, soft, highly weathered, medium-grained, 5Y 8/1 white						
-70.8	14.1		SAND, silty, mostly medium-grained sand-sized carbonate, little silt, trace quartz, strong reaction with HCl, moist, moderate cementation, 2.5Y 7/6 yellow (SM)	99			Vibracore		
			At El. -66.7 Ft., 2.5Y 7/2 light gray						
			At El. -67.9 Ft., 5Y 6/1 gray						
			SAND, silty, mostly medium-grained sand-sized quartz, no reaction with HCl, weak cementation, 5Y 4/2 olive gray (SM)						

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 = 573,213 Y = 2,194,879			ELEVATION TOP OF BORING -56.7 Ft.														
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE								
-76.9 -77.1	20.3 20.4	1 2		99			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>0.0/0.5</td><td>SP*</td></tr><tr><td>2</td><td>1.4/1.9</td><td>SP*</td></tr></tbody></table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p> 3. Additional Laboratory Testing 2 Specific Gravity			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	2	1.4/1.9	SP*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION															
1	0.0/0.5	SP*															
2	1.4/1.9	SP*															

