

Boring Designation CB-DUC03-37

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-DUC03-37				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 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 08-04-03		STARTED 08-04-03		COMPLETED 08-04-03	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -55.1 Ft.		17. TOTAL RECOVERY FOR BORING 92 %			
8. TOTAL DEPTH OF BORING 15.0 Ft.				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
-55.1	0.0						-55.1		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, trace silt, strong reaction with HCl, moist, 5GY 6/1 greenish gray (SP)	100			Vibracore		
				100	1		-56.1		
							Vibracore		
-57.1	2.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, strong reaction with HCl, moist, 5GY 6/1 greenish gray (SM)	100			Vibracore		
				100	2		-57.6		
							-58.1		
-61.6	6.5		SAND, clayey, mostly fine-grained sand-sized quartz, little clay, trace shell, strong reaction with HCl, moist, 5GY 5/1 greenish gray (SC)						
-63.7	8.6		LIMESTONE, soft, highly weathered, medium-grained, 10Y 7/1 light greenish gray	90			Vibracore		
-65.6	10.5	Highly Weathered	SAND, clayey, mostly medium-grained sand-sized quartz, some clay, strong reaction with HCl, moist, weak cementation, 2.5Y 7/3 pale yellow (SC) At El. -66.2 Ft., little clay, no reaction with HCl, 5Y 4/3 olive						
-68.9	13.8								
-70.1	15.0	RECOVERED							
							-70.1		

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 = 576,767 Y = 2,179,756			ELEVATION TOP OF BORING -55.1 Ft.												
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
			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>0.5/1.0</td><td>SP*</td></tr></tbody></table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.0	SP*						
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