

Boring Designation CB-DUC03-4

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-DUC03-4		LOCATION COORDINATES X = 559,905 Y = 2,204,855		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				
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		14. ELEVATION GROUND WATER N/A			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 08-05-03	COMPLETED 08-05-03		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -60.7 Ft.		17. TOTAL RECOVERY FOR BORING 76 %			
8. TOTAL DEPTH OF BORING 16.0 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
-60.7	0.0		SAND, silty, mostly fine to medium-grained sand-sized quartz, little silt, few medium to coarse-grained sand-sized shell, strong reaction with HCl, moist, 5GY 5/1 greenish gray (SM) At El. -61.6 Ft., mostly fine-grained sand-sized quartz, trace shell	100	1		-60.7		
				100			-61.2 Vibracore		
				100	2		-61.7 Vibracore		
							-62.2 Vibracore		
-64.7	4.0								
-66.6	5.9		CLAY, fat, high plasticity, trace quartz, no reaction with HCl, moist, 5Y 3/1 very dark gray (CH)						
-67.0	6.3		CLAY, organic-H, high plasticity, trace quartz, no reaction with HCl, moist, 5Y 2.5/1 black (OH)						
-67.9	7.2		CLAY, fat, high plasticity, trace quartz, no reaction with HCl, moist, 5Y 2.5/1 black (CH)						
-68.7	8.0		SILT, organic-L, low plasticity, trace quartz, no reaction with HCl, moist, 5Y 2.5/1 black (OL)						
-71.2	10.5		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, no reaction with HCl, moist, 5Y 2.5/1 black (SC) At El. -69.5 Ft., 5Y 3/1 very dark gray	74			Vibracore		
-71.6	10.9		SAND, poorly-graded, mostly medium-grained sand-sized quartz, few shell, trace silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP)						
-72.9	12.2		SAND, clayey, mostly fine to medium-grained sand-sized quartz, little clay, no reaction with HCl, moist, 5Y 3/2 dark olive gray (SC)						
		NO RECOVERY							

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 = 559,905 Y = 2,204,855			ELEVATION TOP OF BORING -60.7 Ft.					
ELEV.	DEPTH	RECOVERED	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT. N-VALUE
-76.7	16.0	NO RECOVERY		74			-76.7 Vibracore	
		NO	NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System.					

