

Boring Designation CB-DUC03-26AR

<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 3 SHEETS	
1. PROJECT Duval County, FL, BEC Offshore Borrow Area				9. SIZE AND TYPE OF BIT 3" Vibracore			
2. BORING DESIGNATION CB-DUC03-26AR		LOCATION COORDINATES X = 572,030 Y = 2,167,292		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 8		DISTURBED 0	UNDISTURBED (UD) 0
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES 3			
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING 08-11-03		COMPLETED 08-23-03	
8. TOTAL DEPTH OF BORING 35.3 Ft.				16. ELEVATION TOP OF BORING -54.0 Ft.			
				17. TOTAL RECOVERY FOR BORING 58 %			
				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
-54.0	0.0						-54.0		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell, weak reaction with HCl, moist, 5Y 6/1 gray (SP)	100	1		-54.5 Vibracore		
				100			Vibracore		
-57.5	3.5		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		-58.0		
							-58.5 Vibracore		
-60.5	6.5			100			Vibracore		
-61.5	7.5		SAND, silty, some sand to gravel-sized shell up to 1/2", some fine to coarse-grained sand-sized quartz, little silt, strong reaction with HCl, moist, 5Y 5/1 gray (SM)				-62.0		
			SAND, silty, mostly fine to medium-grained sand-sized quartz (SM)	100	3		-62.5 Vibracore		
			At El. -62.0 Ft., little sand to gravel-sized shell up to 1"	100			Vibracore		
-65.0	11.0						-65.0		
			SAND, poorly-graded with silt, mostly medium-grained sand-sized quartz, few shell, few silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP-SM)	100	4		-65.5 Vibracore		
-66.4	12.4			100			-66.4 Vibracore		
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, trace silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP)	100	1AJ		-66.9 Vibracore		
-68.2	14.2		At El. -67.0 Ft., some sand to gravel-sized shell up to 1/2"	100			Vibracore		
-68.9	14.9		SAND, poorly-graded with silt, mostly medium-grained sand-sized quartz, some sand to	100	2AJ		-68.4		
							-68.9 Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 3 SHEETS				
PROJECT Duval County, FL, BEC			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW				
LOCATION COORDINATES X = 572,030 Y = 2,167,292			ELEVATION TOP OF BORING -54.0 Ft.							
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE	
			gravel-sized shell up to 1/2", few silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP-SM) SAND, poorly-graded, mostly medium-grained sand-sized quartz, some sand to gravel-sized shell up to 1/2", trace silt, strong reaction with HCl, moist, 5Y 6/1 gray (SP) At El. -69.9 Ft., little medium to coarse-grained sand-sized shell	100			Vibracore			
				100	3AJ		-70.4	Vibracore		
				100			-70.9	Vibracore		
				100			-72.4	Vibracore		
				100	4AJ		-72.9	Vibracore		
-74.5	20.4									
		NO RECOVERY		9			Vibracore			



