

Boring Designation CB-DUC03-21

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-DUC03-21				10. COORDINATE SYSTEM/DATUM		HORIZONTAL State Plane, FLE (U.S. Ft.)	
LOCATION COORDINATES X = 2,180,526 Y = 567,938				VERTICAL NAD83		MLLW	
3. DRILLING AGENCY Athena Technologies				11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER Athena Technologies Vibracore System			
4. NAME OF DRILLER G. Bonn				12. TOTAL SAMPLES		DISTURBED 3	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		UNDISTURBED (UD) 0	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				14. ELEVATION GROUND WATER N/A			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				15. DATE BORING			
8. TOTAL DEPTH OF BORING 17.5 Ft.				STARTED 08-03-03 COMPLETED 08-03-03			
				16. ELEVATION TOP OF BORING -54.1 Ft.			
				17. TOTAL RECOVERY FOR BORING 76 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Julie Minton, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-54.1	0.0						-54.1		
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, trace silt, strong reaction with HCl, moist, gray 5Y 5/1 (SP)	100			-54.6 Vibracore		
-55.5	1.4		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, trace shell, strong reaction with HCl, moist, dark gray 5Y 4/1 (SP-SM)	100	S-1		-55.1 Vibracore		
			At El. -56.7 Ft., little medium to coarse-grained sand-sized shell	100			Vibracore		
-57.2	3.1		SAND, silty, mostly sand to gravel-sized shell up to 1", little silt, little fine to medium-grained sand-sized quartz, strong reaction with HCl, moist, greenish gray 10Y 5/1 (SM)	100	S-2		-56.7 Vibracore		
				100			-57.2 Vibracore		
-59.6	5.5		SAND, clayey, mostly sand to gravel-sized shell up to 1/2", little clay, little fine to medium-grained sand-sized quartz, strong reaction with HCl, moist, white 5Y 8/1 (SC)	100	S-3		-59.6 Vibracore		
-60.6	6.5		SAND, clayey, mostly fine-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, strong reaction with HCl, moist, light greenish gray 10GY 7/1 (SC)				-60.2 Vibracore		
			At El. -60.8 Ft., mostly medium-grained sand-sized quartz, trace shell, strong reaction with HCl, moist, olive gray 5Y 4/2						
-65.5	11.4		SAND, poorly-graded with silt, mostly medium-grained sand-sized quartz, few silt, trace shell, strong reaction with HCl, moist, olive gray 5Y 4/2 (SP-SM)	63			Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS			
PROJECT Duval County, FL; BEC, Offshore Borrow Area			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLLW			
LOCATION COORDINATES X = 2,180,526 Y = 567,938			ELEVATION TOP OF BORING -54.1 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-71.6	17.5			63			Vibracore		
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Water Depth 56.5 feet						