

Boring Designation CB-DUC03-3

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-DUC03-3				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 1		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 08-06-03		COMPLETED 08-06-03	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -46.7 Ft.		17. TOTAL RECOVERY FOR BORING 89 %			
8. TOTAL DEPTH OF BORING 20.0 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
-46.7	0.0						-46.7		
-47.3	0.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few fine to medium-grained sand-sized shell, trace silt, strong reaction with HCl, moist, 5Y 5/1 gray (SP)	100	1		-47.3 Vibracore		
-48.0	1.3		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few fine to medium-grained sand-sized shell, few silt, strong reaction with HCl, moist, 5Y 5/1 gray (SP-SM)						
			SAND, silty, mostly fine to medium-grained sand-sized quartz, little silt, few fine to medium-grained sand-sized shell, strong reaction with HCl, moist, 5Y 4/1 dark gray (SM) At El. -49.2 Ft., few sand to gravel-sized shell up to 3/4"						
				89			Vibracore		
			At El. -55.3 Ft., little sand to gravel-sized shell up to 3/4"						
-56.7	10.0		SAND, silty, mostly fine to medium-grained sand-sized shell, little fine-grained sand-sized quartz, 5Y 5/1 gray (SM)						
-61.7	15.0								

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 = 556,096 Y = 2,176,916			ELEVATION TOP OF BORING -46.7 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-62.2	15.5		CLAY, fat, high plasticity, little fine-grained sand-sized quartz, few fine to medium-grained sand-sized carbonate, strong reaction with HCl, moist, 10Y 5/1 greenish gray (CH)	89			Vibracore		
-64.5	17.8		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized carbonate, little fine to medium-grained sand-sized quartz, few silt, strong reaction with HCl, moist, 10Y 6/1 greenish gray (SP-SM)						
-66.7	20.0		NO RECOVERY						
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System.						