


Boring Designation CB-DUC03-28

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-DUC03-28		LOCATION COORDINATES X = 2,188,254 Y = 574,942		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83			
3. DRILLING AGENCY Athena Technologies		CONTRACTOR FILE NO.		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 3			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		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		STARTED 08-05-03			
8. TOTAL DEPTH OF BORING 20.0 Ft.				16. ELEVATION TOP OF BORING		-52.5 Ft.			
				17. TOTAL RECOVERY FOR BORING		80 %			
				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
-52.5	0.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few medium-grained sand-sized shell, trace silt, strong reaction with HCl, moist, gray 5Y 6/1 (SP) At El. -53.5 Ft., clay lens at 1.1 - 0.1 foot thick	100	S-1		-52.5		0
			At El. -56.0 Ft., mostly fine-grained sand-sized quartz	100			-53.5		
				100	S-2		-56.0		
-57.5	5.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, strong reaction with HCl, moist, gray 5Y 5/1 (SP-SM)	100			-57.0		
				100	S-3		-58.0		5
							-59.0		
-59.9	7.4		SAND, clayey, mostly fine-grained sand-sized quartz, little clay, trace shell, strong reaction with HCl, moist, dark greenish gray 5G 4/1 (SC)						
-62.0	9.5								
-62.4	9.9		LIMESTONE, hard, moderately weathered, medium-grained, light greenish gray to dark greenish gray 10Y 7/1 to 10GY 4/1						10
			SAND, silty, mostly fine-grained sand-sized quartz, little medium to coarse-grained sand-sized shell, little silt, strong reaction with HCl, moist, greenish gray 5G 5/1 (SM) At El. -63.5 Ft., greenish gray 10Y 6/1	71					
-64.6	12.1								
			SAND, silty, mostly fine to medium-grained sand-sized carbonate, little silt, few fine-grained sand-sized quartz, strong reaction with HCl, moist, white 5Y 8/1 (SM) At El. -66.1 Ft., weak cementation, light gray 5Y 7/1						
-67.4	14.9								15

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 = 2,188,254 Y = 574,942			ELEVATION TOP OF BORING -52.5 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-72.5	20.0		SAND, clayey, mostly fine to medium-grained sand-sized quartz, little clay, no reaction with HCl, moist, olive gray 5Y 5/2 (SC)	71			Vibracore		
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Water Depth 57.0 feet						