

Boring Designation CB-DUC03-29

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-DUC03-29		LOCATION COORDINATES X = 2,177,862 Y = 574,425		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 3		DISTURBED 0			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER N/A			
6. THICKNESS OF OVERBURDEN 0.0 Ft.				15. DATE BORING 08-07-03		STARTED 08-07-03			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -48.0 Ft.		COMPLETED 08-07-03			
8. TOTAL DEPTH OF BORING 13.0 Ft.				17. TOTAL RECOVERY FOR BORING 92 %					
				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
-48.0	0.0						-48.0		
			SAND, poorly-graded, mostly fine to 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) At El. -48.4 Ft., gray 5Y 6/1	100	S-1		-48.4 Vibracore		
				100			Vibracore		
				100	S-2		-51.0		
							-51.5 Vibracore		
				100			Vibracore		
-54.1	6.1		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, strong reaction with HCl, moist, olive gray 5Y 5/2 (SM)	100	S-3		-55.0		
							-55.5 Vibracore		
				82			Vibracore		
-58.4	10.4		SAND, clayey, mostly medium-grained sand-sized quartz, little clay, weak reaction with HCl, moist, weak cementation, dark gray 5Y 4/1 (SC)						
							-61.0		
-61.0	13.0								
			NOTES:						
			1. Soils are field visually classified in accordance with the Unified Soils Classification System.						

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 = 2,177,862 Y = 574,425			ELEVATION TOP OF BORING -48.0 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			2. Water Depth 50.0 feet						