


Boring Designation CB-DUC03-8

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-DUC03-8		LOCATION COORDINATES X = 560,268 Y = 2,171,905		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		<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 3		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 -52.9 Ft.		17. TOTAL RECOVERY FOR BORING 100 %		
8. TOTAL DEPTH OF BORING 20.4 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
-52.9	0.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few fine to medium-grained sand-sized carbonate, strong reaction with HCl, moist, 5Y 4/1 dark gray (SM)				-52.9		
				100			Vibracore		
				100	1		-55.9 -56.4 Vibracore		
-59.2	6.3		At El. -58.4 Ft., few fine to coarse-grained sand-sized shell						
-61.4	8.5		SAND, clayey, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, little clay, strong reaction with HCl, moist, 10Y 4/1 dark greenish gray (SC)						
			CLAY, fat, high plasticity, little fine-grained sand-sized quartz, trace shell, weak reaction with HCl, moist, 10Y 4/1 dark greenish gray (CH)	99			Vibracore		
			At El. -62.9 Ft., little sand to gravel-sized shell up to 1/2"						
			At El. -63.2 Ft., discontinue shell						

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 = 560,268 Y = 2,171,905			ELEVATION TOP OF BORING -52.9 Ft.												
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
-73.3	20.3			99			Vibracore								
-73.4	20.4														
		Z	NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Laboratory Testing Results <table border="1"><thead><tr><th>SAMPLE ID</th><th>SAMPLE DEPTH</th><th>LABORATORY CLASSIFICATION</th></tr></thead><tbody><tr><td>1</td><td>3.0/3.5</td><td>SP-SM*</td></tr></tbody></table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	3.0/3.5	SP-SM*						
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