

Boring Designation CB-DUC03-27

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-DUC03-27				10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)			HORIZONTAL NAD83		
3. DRILLING AGENCY Athena Technologies				11. MANUFACTURER'S DESIGNATION OF DRILL Athena Technologies Vibracore System			VERTICAL MLLW		
4. NAME OF DRILLER G. Bonn				12. TOTAL SAMPLES 1			DISTURBED 1		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 2			UNDISTURBED (UD) 0		
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A			15. DATE BORING 08-05-03		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -57.7 Ft.			COMPLETED 08-05-03		
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 84 %			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
-57.7	0.0		CLAY, fat, high plasticity, little fine to medium-grained sand-sized quartz, no reaction with HCl, moist, 10GY 4/1 dark greenish gray (CH)				-57.7		
-60.3	2.6		SAND, clayey, mostly fine to medium-grained sand-sized quartz, little fine to medium-grained sand-sized shell, little clay, strong reaction with HCl, moist, 5Y 4/1 dark gray (SC)	100	1		-60.3		
-63.1	5.4		SANDSTONE, very soft, highly weathered, medium-grained, 10Y 8/1 light greenish gray				-61.3		
-68.3	10.6		SAND, clayey, mostly fine to medium-grained sand-sized carbonate, little clay, few quartz, strong reaction with HCl, moist, weak cementation, 2.5Y 6/3 light yellowish brown (SC) At El. -69.2 Ft., 10Y 6/1 greenish gray	80					

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 = 574,410 Y = 2,192,216			ELEVATION TOP OF BORING -57.7 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-74.0	16.3	NO RECOVERY	SAND, silty, mostly medium-grained sand-sized quartz, little silt, weak reaction with HCl, moist, moderate cementation, 2.5Y 4/2 dark grayish brown (SM)	80			Vibracore		
-74.5	16.8								
-77.7	20.0								
NOTES:									
1. Soils are field visually classified in accordance with the Unified Soils Classification System.									