

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 = 574,425 Y = 2,177,862		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 3	UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES 2					
		BEARING		14. ELEVATION GROUND WATER N/A					
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 08-07-03	COMPLETED 08-07-03		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -48.0 Ft.					
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	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-48.0	0.0		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, 5Y 5/1 gray (SP) At El. -48.4 Ft., 5Y 6/1 gray	100	1		-48.0 -48.4 Vibracore		
				100			Vibracore		
				100	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, 5Y 5/2 olive gray (SM)	100	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, 5Y 4/1 dark gray (SC)						
-60.0	12.0								
-61.0	13.0	NR					-61.0		
			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			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW			
LOCATION COORDINATES X = 574,425 Y = 2,177,862			ELEVATION TOP OF BORING -48.0 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			2. Laboratory Testing Results  SAMPLE ID      SAMPLE DEPTH      LABORATORY CLASSIFICATION ----- 1      0.0/0.4      SP* 2      3.0/3.5      SP* 3      7.0/7.5      SP-SM*  *Lab visual classification based on gradation curve. No Atterberg limits.  3. Additional Laboratory Testing  2      Specific Gravity						



