

Boring Designation CB-DUC03-13R

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 3 SHEETS		
1. PROJECT Duval County, FL, BEC Offshore Borrow Area				9. SIZE AND TYPE OF BIT 3" Vibracore					
2. BORING DESIGNATION CB-DUC03-13R				10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL MLLW	
3. DRILLING AGENCY Athena Technologies				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 7		DISTURBED 0		UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 4		14. ELEVATION GROUND WATER N/A			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 08-08-03		STARTED 08-08-03		COMPLETED 08-24-03	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -46.6 Ft.		17. TOTAL RECOVERY FOR BORING 66 %			
8. TOTAL DEPTH OF BORING 35.5 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
-46.6	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 6/1 gray (SP)	100			-46.6		
				100	1		-47.1 Vibracore		
				100			-47.6 Vibracore		
				100			Vibracore		
				100	2		-50.1		
				100			-50.6 Vibracore		
				100			Vibracore		
				100	1AJ		-52.2		
				100			-52.7 Vibracore		
				100			Vibracore		
-56.4	9.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, strong reaction with HCl, moist, 5Y 5/1 gray (SP-SM) At El. -57.1 Ft., little medium to coarse-grained sand-sized shell At El. -57.3 Ft., trace shell	100			-54.7		
				100	2AJ		-55.2 Vibracore		
				100			Vibracore		
				100	3AJ		-57.4		
-59.2	12.6		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, strong reaction with HCl, moist, 5Y 5/1 gray (SM)	100			-57.9 Vibracore		
				100			Vibracore		
				100	1BJ		-60.2		
				100			-60.7 Vibracore		
				100			Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 3 OF 3 SHEETS																					
PROJECT Duval County, FL, BEC			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW																					
LOCATION COORDINATES X = 563,425 Y = 2,192,121			ELEVATION TOP OF BORING -46.6 Ft.																								
ELEV.	DEPTH	VERND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																		
-82.2	35.5	NO REC'D		34			-82.2 Vibracore																				
NOTES:																											
1. Soils are field visually classified in accordance with the Unified Soils Classification System.																											
2. Boring was completed through multiple attempts of the vibracore to reach the target depth. These multiple attempts were combined to produce the final boring log. Physical samples of each separate attempt were prepared under the original boring designations of CB-DUC03-13, CB-DUC03-13AJ and CB-DUC03-13BJ.																											
3. X,Y data from initial drilling attempt (13) is used for 13R.																											
4. Lab samples have a letter following the sample number which refers to the initial assigned hole number. Example: sample number 1AJ reflects sample 1 from hole AJ.																											
5. 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>0.5/1.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.5/4.0</td> <td>SP*</td> </tr> <tr> <td>3AJ</td> <td>10.8/11.3</td> <td>SP-SM*</td> </tr> <tr> <td>1BJ</td> <td>13.6/14.1</td> <td>SP-SM*</td> </tr> <tr> <td>2BJ</td> <td>16.9/17.4</td> <td>SP-SM*</td> </tr> </tbody> </table>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.0	SP*	2	3.5/4.0	SP*	3AJ	10.8/11.3	SP-SM*	1BJ	13.6/14.1	SP-SM*	2BJ	16.9/17.4	SP-SM*							
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