

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT Vibracore Borings Offshore Sarasota BEC				9. SIZE AND TYPE OF BIT 3.5" Vibracore					
2. BORING DESIGNATION VB-SCV10-56		LOCATION COORDINATES X = 495,806 Y = 943,717		10. COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
4. NAME OF DRILLER American Vibracore Services, Inc.				12. TOTAL SAMPLES		DISTURBED 4		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				DEG. FROM VERTICAL		BEARING			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 0					
7. DEPTH DRILLED INTO ROCK N/A				14. ELEVATION GROUND WATER					
8. TOTAL DEPTH OF BORING 19.6 Ft.				15. DATE BORING		STARTED 07-22-10		COMPLETED 07-22-10	
				16. ELEVATION TOP OF BORING -35.1 Ft.					
				17. TOTAL RECOVERY FOR BORING 94 %					
				18. SIGNATURE AND TITLE OF INSPECTOR Daniel G. Blaydes, Geotechnical Engineer					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RCD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-35.1	0.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some medium-grained sand-sized shell, 10YR 5/1 gray (SP)	100			-35.1		
				100	-Post 1		-37.1 -37.1		
			At El. -38.6 Ft., 10YR 6/1 gray	100			Vibracore		
					2		-42.1		
			At El. -42.1 Ft., mostly fine-grained sand-sized quartz	100			Vibracore		
-43.6	8.5		SAND, silty, mostly fine-grained sand-sized quartz, some silt, few medium-grained sand-sized shell, 10YR 7/1 light gray (SM)		3		-44.1		
				89			Vibracore		
			At El. -48.6 Ft., 10YR 6/1 gray						

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																		
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LOCATION COORDINATES X = 495,806 Y = 943,717			ELEVATION TOP OF BORING -35.1 Ft.																					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE															
-53.5	18.4		At El. -50.6 Ft., 10YR 4/1 dark gray At El. -52.2 Ft., 10YR 7/1 light gray	89			Vibracore																	
-54.7	19.6		NR				-54.7																	
			BORING TERMINATED IN REFUSAL 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>2.0/2.5</td> <td>SP*</td> </tr> <tr> <td>1-Post</td> <td>2.0/2.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>7.0/7.5</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>9.0/9.5</td> <td>SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/2.5	SP*	1-Post	2.0/2.5	SP*	2	7.0/7.5	SP*	3	9.0/9.5	SM*						
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