

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-SCV10-72		LOCATION COORDINATES X = 490,019 Y = 937,378		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		13. TOTAL NUMBER CORE BOXES		0			
		BEARING		14. ELEVATION GROUND WATER					
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 07-23-10	COMPLETED 07-23-10		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING		-43.7 Ft.			
8. TOTAL DEPTH OF BORING 11.2 Ft.				17. TOTAL RECOVERY FOR BORING		85 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Daniel G. Blaydes, Geotechnical Engineer					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-43.7	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some medium-grained sand-sized shell, 10YR 6/1 gray (SP)	100			-43.7		0
				100	-Post 1		-45.7 -45.7		
-47.5	3.8		SAND, silty, mostly fine-grained sand-sized quartz, little silt, little medium-grained sand-sized shell, 10YR 6/1 gray (SM)	100			Vibracore		
				100	2		-48.7		5
				100			Vibracore		
				60	3		-50.7		
-53.2	9.5		At El. -50.7 Ft., some fine-grained sand-sized quartz, some medium to coarse-grained sand-sized shell, little silt				Vibracore		
-54.9	11.2	NIR					-54.9		10
			BORING TERMINATED IN REFUSAL						
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Length of Recovery includes 0.3 feet of material in shoe that was recovered but not retained.						15

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																		
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			3. 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>5.0/5.5</td> <td>SM*</td> </tr> <tr> <td>3</td> <td>7.0/7.5</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	5.0/5.5	SM*	3	7.0/7.5	SM*						
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