

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-SCV10-76		LOCATION COORDINATES X = 491,945 Y = 935,571		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 3	UNDISTURBED (UD) 0
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER		15. DATE BORING 07-23-10	
7. DEPTH DRILLED INTO ROCK N/A		16. ELEVATION TOP OF BORING -46.4 Ft.		17. TOTAL RECOVERY FOR BORING 90 %	
8. TOTAL DEPTH OF BORING 20.0 Ft.		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
-46.4	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some medium-grained sand-sized shell, 10YR 5/1 gray (SP)	100			-46.4		0
					1		-48.4		
				100			Vibracore		5
			At El. -52.4 Ft., some fine to medium-grained sand-sized shell, 10YR 6/1 gray		2		-52.4		
-54.3	7.9		SAND, silty, mostly fine-grained sand-sized quartz, little medium-grained sand-sized shell, little silt, 10YR 6/1 gray (SM)	100			Vibracore		
					3		-55.4		10
				82			Vibracore		
			At El. -58.6 Ft., 10YR 5/1 gray						
			At El. -60.6 Ft., 10YR 7/1 light gray						15

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS														
PROJECT Vibracore Borings Offshore Sarasota BEC			COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88														
LOCATION COORDINATES X = 491,945 Y = 935,571			ELEVATION TOP OF BORING -46.4 Ft.																	
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE											
-62.6	16.2	 Highly Weathered	LIMESTONE, highly weathered, 10YR 8/1 white	82			Vibracore													
-64.4	18.0																			
-66.4	20.0																			
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>2</td> <td>6.0/6.5</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*	2	6.0/6.5	SP*	3	9.0/9.5	SM*						
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