

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-SCV10-54				10. COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY Corps of Engineers - CESAJ				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 5		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 07-22-10		COMPLETED 07-22-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -35.1 Ft.		17. TOTAL RECOVERY FOR BORING 91 %			
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
-35.1	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some medium-grained sand-sized shell, 10YR 5/1 gray (SP)	100			-35.1		0
				100	-Post 1		-38.1 -38.1		
				100			Vibracore		5
-41.1	6.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized shell, some fine-grained sand-sized quartz (SP)	100	2		-41.1		
			At El. -42.6 Ft., 10YR 6/1 gray	100			Vibracore		
-44.1	9.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little medium-grained sand-sized shell, trace silt (SP)	100	3		-44.1		
-44.9	9.8		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few medium-grained sand-sized shell, 10YR 6/1 gray (SM)	100	4		-46.1		10
				79			Vibracore		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 = 494,457 Y = 944,413			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																	
-53.2	18.1		At El. -51.0 Ft., 10YR 4/1 dark gray	79			Vibracore																			
-55.1	20.0										-55.1															
			<p>NOTES:</p> <p>1. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>2. Laboratory Testing Results</p> <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>3.0/3.5</td> <td>SP*</td> </tr> <tr> <td>1-Post</td> <td>3.0/3.5</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>SP*</td> </tr> <tr> <td>4</td> <td>11.0/11.5</td> <td>SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	3.0/3.5	SP*	1-Post	3.0/3.5	SP*	2	6.0/6.5	SP*	3	9.0/9.5	SP*	4	11.0/11.5	SM*					
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