

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-SCV10-57		LOCATION COORDINATES X = 496,173 Y = 943,025		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 07-22-10	COMPLETED 07-22-10		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING		-36.1 Ft.			
8. TOTAL DEPTH OF BORING 14.7 Ft.				17. TOTAL RECOVERY FOR BORING		89 %			
				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
-36.1	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little medium-grained sand-sized shell, 10YR 5/1 gray (SP)	100			-36.1		0
					1		-38.1		
				100			Vibracore		
					2		-40.1		5
			At El. -42.0 Ft.	100			Vibracore		
			At El. -43.1 Ft., little fine to medium-grained sand-sized quartz, trace silt, 10YR 6/1 gray		3		-43.1		
-44.3	8.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, few medium-grained sand-sized shell, 10YR 6/1 gray (SP-SM)	100			Vibracore		
					4		-45.1		10
			At El. -48.2 Ft., little limestone fragments up to 2.5"	72			Vibracore		
-49.2	13.1								
		NIR							
-50.8	14.7						-50.8		15
			BORING TERMINATED IN REFUSAL						

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 = 496,173 Y = 943,025			ELEVATION TOP OF BORING -36.1 Ft.																					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE															
			<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>2.0/2.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.0/4.5</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>7.0/7.5</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>9.0/9.5</td> <td>SP-SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/2.5	SP*	2	4.0/4.5	SP*	3	7.0/7.5	SP*	4	9.0/9.5	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																						
1	2.0/2.5	SP*																						
2	4.0/4.5	SP*																						
3	7.0/7.5	SP*																						
4	9.0/9.5	SP-SM*																						