


Boring Designation VB-SCV10-75

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-SCV10-75		LOCATION COORDINATES X = 491,518 Y = 936,215		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				13. TOTAL NUMBER CORE BOXES 0		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 -43.9 Ft.		17. TOTAL RECOVERY FOR BORING 94 %			
8. TOTAL DEPTH OF BORING 17.6 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
-43.9	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some medium to coarse-grained sand-sized shell, 10YR 5/1 gray (SP)	100			-43.9		
				100	-Post 1		-46.9		
				100			-46.9		
				100					
			At El. -50.4 Ft., some medium-grained sand-sized shell, trace silt	100	2		-50.4		
			At El. -51.9 Ft., some fine to medium-grained sand-sized shell, 10YR 6/1 gray		3		-51.9		
-52.4	8.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little medium to coarse-grained sand-sized shell, few silt, 10YR 7/1 light gray (SP-SM)	90					

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																	
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ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE														
-59.5	15.6	 Highly Weathered NR	LIMESTONE, highly weathered, 10YR 5/1 gray	90			Vibracore																
-60.5	16.6																						
-61.5	17.6																						
			BORING TERMINATED IN REFUSAL				-61.5																
			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>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>6.5/7.0</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>8.0/8.5</td> <td>SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	3.0/3.5	SP*	1-Post	3.0/3.5	SP*	2	6.5/7.0	SP*	3	8.0/8.5	SP*					
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