

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-SCV10-70		LOCATION COORDINATES X = 488,413 Y = 939,124		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			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 0					
7. DEPTH DRILLED INTO ROCK N/A				14. ELEVATION GROUND WATER					
8. TOTAL DEPTH OF BORING 10.2 Ft.				15. DATE BORING		STARTED 07-23-10		COMPLETED 07-23-10	
				16. ELEVATION TOP OF BORING -46.6 Ft.					
				17. TOTAL RECOVERY FOR BORING 97 %					
				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
-46.6	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some medium-grained sand-sized shell, 10YR 4/1 dark gray (SP)	100			-46.6		
					1		-48.6		
-49.8	3.3		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, 10YR 5/1 gray (SP-SM)	100			Vibracore		
-50.3	3.8		SAND, silty, mostly fine-grained sand-sized quartz, little medium-grained sand-sized shell, little silt, 10YR 5/1 gray (SM)	100	2		-50.6		
				100	3		-52.6		
			At El. -54.1 Ft., 10YR 6/1 gray	93			Vibracore		
			At El. -55.5 Ft., 10YR 8/1 white						
-56.5	9.9								
-56.8	10.2	NO REC					-56.8		
NOTES:									
1. Soils are field visually classified in accordance with the Unified Soils Classification System.									
2. Laboratory Testing Results									
SAMPLE ID			SAMPLE DEPTH			LABORATORY CLASSIFICATION			
1			2.0/2.5			SP*			
2			4.0/4.5			SM*			
3			6.0/6.5			SM*			

<b>DRILLING LOG (Cont. Sheet)</b>			<b>INSTALLATION</b> Jacksonville District				<b>SHEET 2</b> <b>OF 2 SHEETS</b>		
<b>PROJECT</b> Vibracore Borings Offshore Sarasota BEC			<b>COORDINATE SYSTEM/DATUM</b> State Plane, FLW (U.S. Ft.)		<b>HORIZONTAL</b> NAD83	<b>VERTICAL</b> NAVD88			
<b>LOCATION COORDINATES</b> X = 488,413 Y = 939,124			<b>ELEVATION TOP OF BORING</b> -46.6 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			*Lab visual classification based on gradation curve. No Atterberg limits.						

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