

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 1 SHEETS								
1. PROJECT VENICE BEACH BEACH SAND SEARCH Sarasota County, Florida				9. SIZE AND TYPE OF BIT See Remarks											
2. BORING DESIGNATION VB-SCV09-24		LOCATION COORDINATES X = 497,240 Y = 943,760		10. COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88							
3. DRILLING AGENCY Challenge Engineering & Testing, Inc.		CONTRACTOR FILE NO. 2009D07		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 271 Vibracore Unit		<input type="checkbox"/> AUTO HAMMER <input checked="" type="checkbox"/> MANUAL HAMMER									
4. NAME OF DRILLER American Vibracore Services, Inc.				12. TOTAL SAMPLES		DISTURBED 1		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		1									
7. DEPTH DRILLED INTO ROCK N/A				14. ELEVATION GROUND WATER		Tidal									
8. TOTAL DEPTH OF BORING 5.7 Ft.				15. DATE BORING		STARTED 06-16-09		COMPLETED 06-16-09							
				16. ELEVATION TOP OF BORING		-47.8 Ft.									
				17. TOTAL RECOVERY FOR BORING		95 %									
				18. SIGNATURE AND TITLE OF INSPECTOR V. J. Thompson III, Civil Engineer											
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE						
-47.8	0.0		SAND, silty, mostly subangular fine-grained sand-sized quartz, little angular to subangular shell up to 2", wet, 5Y 5/3 olive (SM)	100			-47.8								
				100	1		-48.8	Vibracore							
							-49.3	Vibracore							
				93				Vibracore							
-53.2	5.4														
-53.5	5.7	NO REC					-53.5								
			BORING TERMINATED IN REFUSAL												
			NOTES:												
			1. USACE Jacksonville is the custodian for these original files.												
			2. Soils are field visually classified in accordance with the Unified Soils Classification System.												
			3. Vibracore Borings Were Sampled With An Alpine 271 Pneumatic Powered Unit Using A 3 5/8" Lexan Liner To Termination Depth Specified.												
			4. 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>1.0/1.5</td> <td>SM*</td> </tr> </tbody> </table>							SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SM*
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1	1.0/1.5	SM*													
			*Lab visual classification based on gradation curve. No Atterberg limits.												