

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT VENICE BEACH BEACH SAND SEARCH Sarasota County, Florida				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-SCV09-21		LOCATION COORDINATES X = 495,880 Y = 944,601		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				13. TOTAL NUMBER CORE BOXES 1		14. ELEVATION GROUND WATER Tidal			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 06-18-09	COMPLETED 06-18-09		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -45.0 Ft.		17. TOTAL RECOVERY FOR BORING 99 %			
8. TOTAL DEPTH OF BORING 12.5 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR V. J. Thompson III, Civil Engineer					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-45.0	0.0		SAND, silty, mostly subangular fine-grained sand-sized quartz, little angular to subangular shell up to 1-1/2", wet, 5Y 5/2 olive gray (SM)	100			-45.0		
				100	1		Vibracore		
							-46.0		
							Vibracore		
				99			Vibracore		
			At El. -53.4 Ft., few angular to subangular shell up to 3/4", trace clay, 10GY 5/1 greenish gray						
-57.4	12.4						-57.5		
NOTES:									
1. USACE Jacksonville is the custodian for these original files.									
2. Soils are field visually classified in accordance with the Unified Soils									

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS									
PROJECT VENICE BEACH BEACH SAND SEARCH			COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88									
LOCATION COORDINATES X = 495,880 Y = 944,601			ELEVATION TOP OF BORING -45.0 Ft.												
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
			Classification System. 3. Vibracore Borings Were Sampled With An Alpine 271 Pneumatic Powered Unit Using A 3 5/8" Lexan Liner To Termination Depth Specifed. 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> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SM*						
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