

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-SCV09-33		LOCATION COORDINATES X = 492,191 Y = 941,447		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 3		DISTURBED 3		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 06-16-09		STARTED 06-16-09		COMPLETED 06-16-09		
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -42.5 Ft.		17. TOTAL RECOVERY FOR BORING 89 %				
8. TOTAL DEPTH OF BORING 12.8 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR V. J. Thompson III, Civil Engineer						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RCD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE	
-42.5	0.0		SAND, poorly-graded with silt, mostly subangular fine to medium-grained sand-sized quartz, few angular to subangular shell up to 1/8", wet, 5Y 5/2 olive gray (SP-SM)	100	1		-42.5			
							-43.0	Vibracore		
								-44.5	Vibracore	
-44.5	2.0							-45.0	Vibracore	
			SAND, poorly-graded, mostly subangular fine-grained sand-sized quartz, few angular to subangular shell up to 1/2", wet, 5Y 4/2 olive gray (SP)	100	2					
-48.0	5.5							-48.0	Vibracore	
			SAND, silty, mostly subangular fine-grained sand-sized quartz, few subangular shell up to 3/8", wet, 5Y 4/3 olive (SM)	100	3					
								-48.5	Vibracore	
-53.9	11.4									
		NR		79						
-55.3	12.8									
NOTES: 1. USACE Jacksonville is the custodian for these original files. 2. Soils are field visually classified in										

<b>DRILLING LOG (Cont. Sheet)</b>			<b>INSTALLATION</b> Jacksonville District			<b>SHEET 2</b> <b>OF 2 SHEETS</b>															
<b>PROJECT</b> VENICE BEACH BEACH SAND SEARCH			<b>COORDINATE SYSTEM/DATUM</b> State Plane, FLW (U.S. Ft.)		<b>HORIZONTAL</b> NAD83	<b>VERTICAL</b> NAVD88															
<b>LOCATION COORDINATES</b> X = 492,191 Y = 941,447			<b>ELEVATION TOP OF BORING</b> -42.5 Ft.																		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>% REC.</b>	<b>BOX OR SAMPLE</b>	<b>ROD OR UD</b>	<b>REMARKS</b>	<b>BLOWS/1 FT.</b>	<b>N-VALUE</b>												
			<p>accordance with the Unified Soils Classification System.</p> <p>3. Vibracore Borings Were Sampled With An Alpine 271 Pneumatic Powered Unit Using A 3 5/8" Lexan Liner To Termination Depth Specified.</p> <p>4. 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>0.0/0.5</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>2.0/2.5</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>5.5/6.0</td> <td>SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP-SM*	2	2.0/2.5	SP*	3	5.5/6.0	SM*						
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