

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			
				10. COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83	
2. BORING DESIGNATION VB-SCV09-17		LOCATION COORDINATES X = 494,008    Y = 946,353		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 271 Vibracore Unit		<input type="checkbox"/> AUTO HAMMER <input checked="" type="checkbox"/> MANUAL HAMMER	
3. DRILLING AGENCY Challenge Engineering & Testing, Inc.		CONTRACTOR FILE NO. 2009D07		12. TOTAL SAMPLES 1		DISTURBED 0	
4. NAME OF DRILLER American Vibracore Services, Inc.				13. TOTAL NUMBER CORE BOXES      1			
				14. ELEVATION GROUND WATER      Tidal			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL		BEARING		15. DATE BORING 06-17-09	
6. THICKNESS OF OVERBURDEN      N/A				16. ELEVATION TOP OF BORING      -46.5 Ft.		COMPLETED 06-17-09	
7. DEPTH DRILLED INTO ROCK      N/A				17. TOTAL RECOVERY FOR BORING      95 %			
8. TOTAL DEPTH OF BORING      11.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR V. J. Thompson III, Civil Engineer			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD COR'D	REMARKS	BLOWS/ 1 FT.	N-VALUE
-46.5	0.0						-46.5		
-47.6	1.1		SAND, silty, mostly subangular fine-grained sand-sized quartz, little angular to subangular shell up to 1/2", wet, 5Y 6/2 light olive gray (SM) LIMESTONE, fossiliferous, hard, slightly weathered, fine grained, pitted, 5Y 6/1 gray SAND, clayey, mostly subangular fine-grained sand-sized quartz, trace angular to subangular shell up to 1/2", wet, 5GY 6/1 greenish gray (SC) SAND, poorly-graded with silt, mostly subangular fine-grained sand-sized quartz, trace angular to subangular shell up to 1/4", wet, weak cementation, 5Y 5/3 olive (SP-SM) NR	100 100	1		-47.0 Vibracore -47.5 Vibracore		
-52.0	5.5			94			Vibracore		
-54.7	8.2								
-56.9	10.4								
-57.5	11.0						-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 Classification System. 3. Vibracore Borings Were Sampled With An Alpine 271 Pneumatic Powered Unit Using A 3 5/8" Lexan Liner To Termination						

<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 = 494,008 Y = 946,353			<b>ELEVATION TOP OF BORING</b> -46.5 Ft.												
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
			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>0.5/1.0</td><td>SM*</td></tr></tbody></table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.0	SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.5/1.0	SM*													

