

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-SCV09-31		LOCATION COORDINATES X = 490,390 Y = 943,229		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		13. TOTAL NUMBER CORE BOXES 1			
6. THICKNESS OF OVERBURDEN N/A		7. DEPTH DRILLED INTO ROCK N/A		8. TOTAL DEPTH OF BORING 11.8 Ft.		14. ELEVATION GROUND WATER Tidal			
						15. DATE BORING STARTED 06-16-09 COMPLETED 06-16-09			
						16. ELEVATION TOP OF BORING -45.5 Ft.			
						17. TOTAL RECOVERY FOR BORING 99 %			
						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
-45.5	0.0		SAND, poorly-graded with silt, mostly subangular fine-grained sand-sized quartz, trace angular to subangular shell up to 1-1/2", wet, 5Y 6/1 gray (SP-SM)	100			-45.5		
-48.0	2.5		SAND, silty, mostly subangular fine-grained sand-sized quartz, few angular to subangular shell up to 3/8", moist, 5Y 6/1 gray (SM)	100	1		-48.0		
			At El. -49.5 Ft., little angular to subangular shell up to 1"				-48.5		
			At El. -51.6 Ft., moderate cementation	99					
-53.5	8.0		SAND, poorly-graded with silt, mostly subangular fine-grained sand-sized quartz, little angular to subangular shell up to 1", wet, 5Y 6/2 light olive gray (SP-SM)						
-57.3	11.8						-57.3		
			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.						

<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 = 490,390 Y = 943,229			<b>ELEVATION TOP OF BORING</b> -45.5 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>
			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  SAMPLE ID      SAMPLE DEPTH      LABORATORY CLASSIFICATION ----- 1              2.5/3.0              SM*  *Lab visual classification based on gradation curve. No Atterberg limits.						

