

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-SCV09-47		LOCATION COORDINATES X = 494,441 Y = 934,968		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	
4. NAME OF DRILLER American Vibracore Services, Inc.		12. TOTAL SAMPLES		DISTURBED 3	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		14. ELEVATION GROUND WATER Tidal		15. DATE BORING STARTED 06-16-09 COMPLETED 06-16-09	
7. DEPTH DRILLED INTO ROCK N/A		16. ELEVATION TOP OF BORING -40.4 Ft.		17. TOTAL RECOVERY FOR BORING 85 %	
8. TOTAL DEPTH OF BORING 10.8 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
-40.4	0.0		SAND, poorly-graded, mostly subangular fine to medium-grained sand-sized quartz, little angular to subangular shell up to 3/8", wet, 5Y 4/1 dark gray (SP)	100			-40.4		0
				100	1		-41.9		
							-42.4		
				100			Vibracore		
							-44.9		
				100	2		-45.4		5
-46.9	6.5		SAND, poorly-graded with silt, mostly angular to subangular fine-grained sand-sized quartz, few subangular shell up to 1/2", wet, 5Y 7/1 light gray (SP-SM)				Vibracore		
				100	3		-47.4		
							-47.9		
-49.6	9.2			52			Vibracore		
-51.2	10.8	NR					-51.2		10
			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.						15

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 = 494,441 Y = 934,968			ELEVATION TOP OF BORING -40.4 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			4. Laboratory Testing Results SAMPLE ID SAMPLE DEPTH LABORATORY CLASSIFICATION ----- 1 1.5/2.0 SP* 2 4.5/5.0 SP* 3 7.0/7.5 SP-SM* *Lab visual classification based on gradation curve. No Atterberg limits.						

