

DRILLING LOG		DIVISION South Atlantic	INSTALLATION Jacksonville District		SHEET 1 OF 2 SHEETS
1. PROJECT Sarasota County, FL BEC Borrow Area 8O			9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SASP06-8O-09		LOCATION COORDINATES X = 497,930 Y = 949,451		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83 VERTICAL NAVD88
3. DRILLING AGENCY Corps of Engineers - CESAW		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES		DISTURBED 2	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 0	
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		15. DATE BORING STARTED 06-26-06 COMPLETED 06-26-06	
7. DEPTH DRILLED INTO ROCK N/A		16. ELEVATION TOP OF BORING -37.8 Ft.		17. TOTAL RECOVERY FOR BORING 90 %	
8. TOTAL DEPTH OF BORING 20.0 Ft.		18. SIGNATURE AND TITLE OF INSPECTOR Assem Elsayed, Geotechnical Engineer			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-37.8	0.0						-37.8		
			SAND, poorly-graded, mostly fine to coarse-grained sand-sized shell, little fine to coarse-grained sand-sized quartz, moist, 2.5Y 5/1 gray (SP)	100			Vibracore		0
					1		-39.8		
				100			Vibracore		
-42.8	5.0		SAND, poorly-graded with silt, mostly fine to coarse-grained sand-sized quartz, little fine gravel-sized shell up to 1/2, few silt, moist, 2.5Y 5/1 gray (SP-SM)	100			-42.8		5
					2		-45.3		
				100			Vibracore		
-47.8	10.0		At El. -47.7 Ft., mostly fine to coarse-grained sand-sized quartz, little fine to coarse gravel-sized limestone up to 1, few silt, moist, 2.5Y 5/1 gray SAND, silty, mostly fine to coarse-grained sand-sized quartz, little silt, few clay, moist, 2.5Y 5/1 gray (SM)	80			-47.8		10
							Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS												
PROJECT Sarasota County, FL BEC			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88												
LOCATION COORDINATES X = 497,930 Y = 949,451			ELEVATION TOP OF BORING -37.8 Ft.															
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-55.8	18.0			80			Vibracore											
-57.8	20.0	NR					-57.8											
			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. Elevation based on predicted tide 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>2.0/3.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>7.5/8.5</td> <td>SP-SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/3.0	SP*	2	7.5/8.5	SP-SM*						
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