

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT Sarasota County, FL BEC Borrow Area 8P				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-SASP06-8P-11		LOCATION COORDINATES X = 492,849 Y = 945,876		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 1		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 0					
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A					
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 06-28-06		COMPLETED 06-28-06	
8. TOTAL DEPTH OF BORING 18.0 Ft.				16. ELEVATION TOP OF BORING -40.1 Ft.					
				17. TOTAL RECOVERY FOR BORING 94 %					
				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
-40.1	0.0		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			-40.1		0
-43.8	3.8		SAND, silty, mostly fine-grained sand-sized quartz, some silt, moist, 2.5Y 7/1 light gray (SM)		1		-44.1		5
			At El. -46.1 Ft., mostly fine-grained sand-sized quartz, some silt, little sand to gravel-sized shell up to 3/4, moist, 2.5Y 7/1 light gray						
			At El. -48.1 Ft., mostly fine-grained sand-sized quartz, some silt, little sand to gravel-sized shell up to 3/4, moist, 2.5Y 3/1 very dark gray						
-50.1	10.0		CLAY, lean, medium plasticity, little fine to coarse-grained sand-sized quartz, wet, 2.5Y 3/1 very dark gray (CL)	93			Vibracore		10
-52.8	12.8		At El. -52.1 Ft., medium plasticity, little fine to coarse-grained sand-sized quartz, wet, 5G 7/1 light greenish gray						
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace fine gravel-sized limestone up to 1/2, moist, 2.5Y 6/1 gray (SC)						15

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 = 492,849 Y = 945,876			ELEVATION TOP OF BORING -40.1 Ft.											
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE					
-57.1	17.0	NR		93			Vibracore							
-58.1	18.0					-58.1								
<p>NOTES:</p> <p>1. USACE Jacksonville is the custodian for these original files.</p> <p>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>3. Elevation based on predicted tide</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>4.0/5.0</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	4.0/5.0	SM*						
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