

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-08		LOCATION COORDINATES X = 496,961 Y = 949,835		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		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
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 -39.1 Ft.		17. TOTAL RECOVERY FOR BORING 100 %			
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
-39.1	0.0		SAND, poorly-graded, mostly fine to coarse-grained sand-sized shell, little fine-grained sand-sized quartz, moist, 2.5Y 5/1 gray (SP)	100			-39.1		
					1		-41.1		
				100			Vibracore		
-44.1	5.0		SAND, poorly-graded with silt, mostly fine to coarse-grained sand-sized quartz, some fine gravel-sized shell up to 1/2, few silt, moist, 2.5Y 6/1 gray (SP-SM)	100			-44.1		
					2		-45.6		
				100			Vibracore		
-47.4	8.3		SAND, clayey, mostly fine to coarse-grained sand-sized quartz, little clay, little fine gravel-sized shell up to 1/2, moist, 2.5Y 4/1 dark gray (SC)	100			-47.4		
							-49.1		
-49.1	10.0		CLAY, lean, high plasticity, few fine-grained sand-sized quartz, trace cobble-sized limestone up to 5, moist, 2.5Y 4/1 dark gray (CL)	100					
			At El. -52.3 Ft., high plasticity, few fine-grained sand-sized quartz, trace cobble-sized limestone up to 5, moist, 2.5Y 7/3 pale yellow						

<b>DRILLING LOG (Cont. Sheet)</b>			<b>INSTALLATION</b> Jacksonville District			<b>SHEET 2</b> <b>OF 2 SHEETS</b>												
<b>PROJECT</b> Sarasota County, FL BEC			<b>COORDINATE SYSTEM/DATUM</b> State Plane, FLE (U.S. Ft.)		<b>HORIZONTAL</b> NAD83		<b>VERTICAL</b> NAVD88											
<b>LOCATION COORDINATES</b> X = 496,961 Y = 949,835			<b>ELEVATION TOP OF BORING</b> -39.1 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>									
-59.1	20.0			100			Vibracore											
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>6.5/7.5</td> <td>SP-SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/3.0	SP*	2	6.5/7.5	SP-SM*						
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1	2.0/3.0	SP*																
2	6.5/7.5	SP-SM*																

15  
20  
25  
30  
35