

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-14		LOCATION COORDINATES X = 496,557 Y = 948,897		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 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 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 -40.8 Ft.		17. TOTAL RECOVERY FOR BORING 100 %			
8. TOTAL DEPTH OF BORING 12.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Assem Elsayed, Geotechnical Engineer					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-40.8	0.0		SAND, poorly-graded, mostly sand to gravel-sized shell up to 1/2, little fine-grained sand-sized quartz, moist, 2.5Y 5/1 gray (SP)	100			-40.8		0
-43.8	3.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few sand to gravel-sized shell up to 1/2, moist, 2.5Y 7/1 light gray (SM)	100			-43.8		
-46.4	5.6		SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, some sand to gravel-sized shell up to 1/2, few clay, few silt, moist, 2.5Y 4/1 dark gray (SP-SC)	100	1		-44.8		
-48.8	8.0		GRAVEL, poorly-graded, mostly medium to coarse-grained sand-sized limestone up to 1/2, little fine-grained sand-sized quartz, moist, 2.5Y 7/1 light gray (GP)	100			-46.4		5
-49.8	9.0		CLAY, lean, medium plasticity, soft, trace sand to gravel-sized limestone up to 3, moist, 2.5Y 6/1 gray (CL)	100			-48.8		
-52.8	12.0						-49.8		
			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.				-52.8		10

<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 = 496,557 Y = 948,897			<b>ELEVATION TOP OF BORING</b> -40.8 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			3. Elevation based on predicted tide  4. Laboratory Testing Results  SAMPLE ID      SAMPLE DEPTH      LABORATORY CLASSIFICATION ----- 1              4.0/5.0              SM*  *Lab visual classification based on gradation curve. No Atterberg limits.						

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