

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-05		LOCATION COORDINATES X = 493,639 Y = 945,645		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 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			
7. DEPTH DRILLED INTO ROCK		N/A		15. DATE BORING		STARTED 06-28-06	COMPLETED 06-28-06		
8. TOTAL DEPTH OF BORING		17.0 Ft.		16. ELEVATION TOP OF BORING		-37.9 Ft.			
				17. TOTAL RECOVERY FOR BORING		66 %			
				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
-37.9	0.0						-37.9		
-39.4	1.5		SAND, poorly-graded, mostly sand to gravel-sized shell up to 1-1/2, little fine-grained sand-sized quartz, moist, 2.5Y 5/1 gray (SP)	100			Vibracore		
-41.6	3.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, moist, 2.5Y 5/1 gray (SP)	100	1		Vibracore		
-42.9			SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace sand to gravel-sized shell up to 3/4, moist, 2.5Y 7/1 light gray (SM)						
-49.2	11.3		At El. -46.6 Ft., mostly fine-grained sand-sized quartz, little silt, few phosphate, trace sand to gravel-sized shell up to 3/4, moist, 2.5Y 7/1 light gray	53	2		Vibracore		
		NO RECOVERY	At El. -48.2 Ft., mostly fine-grained sand-sized quartz, little silt, little fine to coarse gravel-sized limestone up to 3, trace sand to gravel-sized shell up to 3/4, moist, 2.5Y 7/1 light gray						

DRILLING LOG (Cont. Sheet)			INSTALLATION			SHEET 2 OF 2 SHEETS												
PROJECT			COORDINATE SYSTEM/DATUM		HORIZONTAL	VERTICAL												
Sarasota County, FL BEC			State Plane, FLE (U.S. Ft.)		NAD83	NAVD88												
LOCATION COORDINATES			ELEVATION TOP OF BORING															
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ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE									
-54.9	17.0	NO RECOVERY		53			Vibracore											
			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>1.5/2.5</td><td>SP*</td></tr><tr><td>2</td><td>5.0/6.0</td><td>SM*</td></tr></tbody></table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.5/2.5	SP*	2	5.0/6.0	SM*						
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