

Boring Designation VB-MCSP06-13

DRILLING LOG		DIVISION		INSTALLATION		SHEET 1			
		South Atlantic		Jacksonville District		OF 2 SHEETS			
1. PROJECT				9. SIZE AND TYPE OF BIT					
Martin County, FL BEC				See Remarks					
Borrow Area									
2. BORING DESIGNATION		LOCATION COORDINATES		10. COORDINATE SYSTEM/DATUM		HORIZONTAL			
VB-MCSP06-13		X = 947,084 Y = 1,073,642		State Plane, FLE (U.S. Ft.)		NAD83			
3. DRILLING AGENCY		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		<input type="checkbox"/> AUTO HAMMER			
Corps of Engineers - CESAW				Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> MANUAL HAMMER			
4. NAME OF DRILLER				12. TOTAL SAMPLES		DISTURBED			
L. Gaughf				2		UNDISTURBED (UD)			
5. DIRECTION OF BORING		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES		1			
<input checked="" type="checkbox"/> VERTICAL				14. ELEVATION GROUND WATER		N/A			
<input type="checkbox"/> INCLINED				15. DATE BORING		STARTED			
				07-18-06		COMPLETED			
6. THICKNESS OF OVERBURDEN		N/A		16. ELEVATION TOP OF BORING		-51.9 Ft.			
7. DEPTH DRILLED INTO ROCK		N/A		17. TOTAL RECOVERY FOR BORING		53 %			
8. TOTAL DEPTH OF BORING		12.0 Ft.		18. SIGNATURE AND TITLE OF INSPECTOR					
				Robert DiRienzo, Geotechnical Engineer					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-51.9	0.0				1		-51.9		
			SHELL, mostly fine to coarse-grained sand-sized shell, little fine-grained sand-sized quartz, 2.5Y 4/3 olive brown	100			Vibracore		
-53.9	2.0				2		-53.9		
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, few silt, 2.5Y 4/1 dark gray (SP-SM)						
			At El. -56.1 Ft., 2.5Y 4/2 dark grayish brown						
			At El. -56.7 Ft., trace fine to coarse-grained sand-sized shell, 2.5Y 3/1 very dark gray						
			From El. -57.3 to -57.5 Ft., some sand to gravel-sized shell up to 1/2"						
-58.3	6.4			44			Vibracore		
		NO RECOVERY							
-63.9	12.0						-63.9		
			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.						

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS												
PROJECT Martin County, FL BEC			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW												
LOCATION COORDINATES X = 947,084 Y = 1,073,642			ELEVATION TOP OF BORING -51.9 Ft.															
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
			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>0.0/0.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>2.0/2.5</td> <td>SP-SM*</td> </tr> </tbody> </table>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	2	2.0/2.5	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/0.5	SP*																
2	2.0/2.5	SP-SM*																
			*Lab visual classification based on gradation curve. No Atterberg limits.															