

Boring Designation VB-MCSP06-6

DRILLING LOG		DIVISION		INSTALLATION		SHEET 1 OF 2 SHEETS			
1. PROJECT Martin County, FL BEC Borrow Area				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-MCSP06-6		LOCATION COORDINATES X = 932,106 Y = 1,079,962		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83 VERTICAL MLW			
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 3 UNDISTURBED (UD) 0			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		2			
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER		N/A			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 07-18-06 COMPLETED 07-18-06			
8. TOTAL DEPTH OF BORING 12.0 Ft.				16. ELEVATION TOP OF BORING		-26.5 Ft.			
				17. TOTAL RECOVERY FOR BORING		78 %			
				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
-26.5	0.0						-26.5		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, 2.5Y 5/2 grayish brown (SP)	100	1		Vibracore		
-28.1	1.6		SHELL, mostly sand to gravel-sized shell up to 1/2", little fine-grained sand-sized quartz, 2.5Y 5/2 grayish brown		2		-28.1		
			At El. -29.3 Ft., little fine to medium-grained sand-sized shell, 2.5Y 5/1 gray	100			Vibracore		
-31.5	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some sand to gravel-sized shell up to 1/2", 2.5Y 4/1 dark gray (SP)		3		-31.5		
			At El. -33.6 Ft., some sand to gravel-sized shell up to 3/4"	61			Vibracore		
-35.8	9.3								
-38.5	12.0	NO RECOVERY					-38.5		
			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			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 = 932,106 Y = 1,079,962			ELEVATION TOP OF BORING -26.5 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>1.6/2.1</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>5.0/5.5</td> <td>SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	2	1.6/2.1	SP*	3	5.0/5.5	SP*						
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