

Boring Designation VB-MCSP06-5

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		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-MCSP06-5		LOCATION COORDINATES X = 931,756 Y = 1,085,619		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 2		DISTURBED 2 UNDISTURBED (UD) 0			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 2		14. ELEVATION GROUND WATER N/A			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-18-06		STARTED 07-18-06 COMPLETED 07-18-06			
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -29.5 Ft.		17. TOTAL RECOVERY FOR BORING 64 %			
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
-29.5	0.0						-29.5		
		o o o o	SHELL, mostly fine to coarse-grained sand-sized shell, little fine-grained sand-sized quartz, 2.5Y 4/3 olive brown	100	1		Vibracore		
-31.1	1.6	o o o o					-31.1		
		o o o o	SAND, poorly-graded, mostly fine gravel-sized quartz, some fine to coarse-grained sand-sized shell, 2.5Y 5/2 grayish brown (SP)		2				
		o o o o	From El. -33.7 to -34.5 Ft., some sand to gravel-sized shell up to 1/2"						
		o o o o	From El. -35.4 to -36.4 Ft., 2.5Y 4/1 dark gray	59			Vibracore		
-37.2	7.7								
		NO RECOVERY							
-41.5	12.0						-41.5		
			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 = 931,756 Y = 1,085,619			ELEVATION TOP OF BORING -29.5 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> </tbody> </table>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	2	1.6/2.1	SP*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/0.5	SP*																
2	1.6/2.1	SP*																
			*Lab visual classification based on gradation curve. No Atterberg limits.															