

Boring Designation VB-MCSP06-19

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-MCSP06-19		LOCATION COORDINATES X = 955,221 Y = 1,046,697		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 4 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		DEG. FROM VERTICAL		15. DATE BORING 07-19-06		STARTED 07-19-06 COMPLETED			
7. DEPTH DRILLED INTO ROCK N/A		BEARING		16. ELEVATION TOP OF BORING -52.6 Ft.		17. TOTAL RECOVERY FOR BORING 87 %			
8. TOTAL DEPTH OF BORING 20.0 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
-52.6	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, 2.5Y 3/1 very dark gray (SP)	100	1		Vibracore		0
-56.6	4.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, some fine to medium-grained sand-sized shell, few silt, 2.5Y 3/1 very dark gray (SP-SM)	100	2		Vibracore		5
-61.8	9.2		SAND, silty, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, little silt, 2.5Y 5/1 gray (SM)	100	3		Vibracore		10
			At El. -63.4 Ft., 2.5Y 5/2 grayish brown	66	4		Vibracore		15

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 = 955,221 Y = 1,046,697			ELEVATION TOP OF BORING -52.6 Ft.																					
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-69.9	17.3		At El. -67.6 Ft., 2.5Y 5/1 gray	66			Vibracore																	
			At El. -69.1 Ft., few sand to gravel-sized shell up to 1/2"																					
-72.6	20.0	NO RECOVERY					-72.6																	
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>0.0/0.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.0/4.5</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>8.0/8.5</td> <td>SM*</td> </tr> <tr> <td>4</td> <td>12.0/12.5</td> <td>SM*</td> </tr> </tbody> </table>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	2	4.0/4.5	SP-SM*	3	8.0/8.5	SM*	4	12.0/12.5	SM*							
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