

## Boring Designation VB-MCSP06-17

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-MCSP06-17		LOCATION COORDINATES X = 955,304 Y = 1,063,566		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 3		DISTURBED 0 UNDISTURBED (UD)			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 1		14. ELEVATION GROUND WATER N/A			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-18-06		STARTED 07-18-06 COMPLETED			
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -62.5 Ft.		17. TOTAL RECOVERY FOR BORING 42 %			
8. TOTAL DEPTH OF BORING 10.0 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
-62.5	0.0				1		-62.5		
-65.1	2.6		SAND, silty, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, little silt, 2.5Y 4/1 dark gray (SM) At El. -63.5 Ft., trace fine to coarse-grained sand-sized shell, 2.5Y 5/1 gray At El. -64.4 Ft.	100			Vibracore		
-65.4	2.9		SHELL, mostly fine to coarse-grained sand-sized shell, little silt, few fine-grained sand-sized quartz, 2.5Y 4/1 dark gray	100	2		Vibracore		
-66.7	4.2		SAND, silty, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, little silt, 2.5Y 5/1 gray (SM) At El. -65.8 Ft., some sand to gravel-sized shell up to 1/2"		3				
		NO RECOVERY		18			Vibracore		
-72.5	10.0						-72.5		
			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. 3. Elevation based on predicted tide 4. Laboratory Testing Results SAMPLE ID      SAMPLE DEPTH      LABORATORY CLASSIFICATION						

DRILLING LOG (Cont. Sheet)			INSTALLATION			SHEET 2 OF 2 SHEETS			
PROJECT			COORDINATE SYSTEM/DATUM		HORIZONTAL	VERTICAL			
Martin County, FL BEC			State Plane, FLE (U.S. Ft.)		NAD83	MLW			
LOCATION COORDINATES			ELEVATION TOP OF BORING						
X = 955,304 Y = 1,063,566			-62.5 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1      0.0/0.5      SM* 2      2.6/2.9      SM* 3      2.9/3.4      SM*  *Lab visual classification based on gradation curve. No Atterberg limits.						