

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		Hole No. CB-DUC-109 SHEET 1 OF 1 SHEETS	
1. PROJECT Duval County Beach Restoration				10. SIZE AND TYPE OF BIT See remarks			
2. LOCATION (Coordinates or Station) X=414,989 Y=2,186,964				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLW			
3. DRILLING AGENCY Contract--Alpine Geophysical Inc.				12. MANUFACTURER'S DESIGNATION OF DRILL Alpine-Vibracore			
4. HOLE NO. (As shown on drawing title and file number) CB-DUC-109				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED UNDISTURBED	
5. NAME OF DRILLER C. Hill				14. TOTAL NUMBER CORE BOXES 1		15. ELEVATION GROUND WATER Tidal	
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED DEG. FROM VERT.				16. DATE HOLE 23 Jul 77		17. ELEVATION TOP OF HOLE -49.0	
7. THICKNESS OF OVERBURDEN				18. TOTAL CORE RECOVERY FOR BORING 100 %		19. XXXXXXXXXXXXXXXXXXXX Geologist: R. Stross	
8. DEPTH DRILLED INTO ROCK				9. TOTAL DEPTH OF HOLE 20.0'			
ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOV- ERY e	SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
-49.0	0.0					BIT OR BARREL -49.0	
-59.0	10.0		SAND, light gray, poorly graded. (SP) with a trace of shell.			3 1/2" I.D. Vibracore	
-61.0	12.0		SAND, silty, light gray, poorly graded. (SP-SH) with trace of shell.	100	1		
-63.0	14.0		SAND, gray, poorly graded. (SP) with some shell.				
-64.0	15.0						
-65.0	16.0		SAND, silty, gray, poorly graded. (SP-SH) with pockets of fat clay.				
-68.0	19.0		SAND, gray, poorly graded. (SP) with some shell.				
-69.0	20.0		CLAY, gray, fat. (CH) stratified with light gray sand.			-69.0	
			SAND, gray, poorly graded. (SP) with seams of fat clay. (CH)				
NOTES: 1. Drill time: 4 minutes 2. Sample Number refers to sample sent for laboratory grain size analysis. 3. Classification of granular material based on laboratory analysis from elevation -49.0 to -59.0.							
Plate # 24/							