

DRILLING LOG		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET OF 1 SHEETS
1. PROJECT Duval County Beach Restoration			10. SIZE AND TYPE OF BIT see remarks	
2. LOCATION (Coordinates or Station) X=474,985 Y=2,187,999			11. DATUM FOR ELEVATION SHOWN (TBM or MSL) M.W.	
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-131			13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN DISTURBED UNDISTURBED	
5. NAME OF DRILLER C. Dill			14. TOTAL NUMBER CORE BOXES 1	
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.			15. ELEVATION GROUND WATER Tidal	
7. THICKNESS OF OVERBURDEN			16. DATE HOLE STARTED 23 Jul 77 COMPLETED 23 Jul 77	
8. DEPTH DRILLED INTO ROCK			17. ELEVATION TOP OF HOLE -53.5	
9. TOTAL DEPTH OF HOLE 20.0'			18. TOTAL CORE RECOVERY FOR BORING 100 %	
			19. XXXXXXXXXXXXXXXXXXXX Geologist: R. Stross	

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
-53.5	0.0		JUNE 89 SURVEY' ELEV			BIT OR BARREL
-57.5	4.0		SAND, silty, gray, poorly graded. (SP-SM) with trace of gravel and sand size shell.	100	1	3 1/2" I.D. Vibracore
-62.6	9.1		SAND, dark gray, poorly graded. (SP) with some shell.		2	
-65.0	11.5		SAND, silty, gray, poorly graded. (SP-SM)			
-68.0	14.5		SAND, gray, poorly graded. (SP)			
-72.0	18.5		CLAY, gray, fat. (CH)			
-73.5	20.0		SAND, silty, gray. (SM) with pockets of clay.			

NOTES:
 1. Drill time: 3 minutes
 2. Sample Number refers to sample sent for laboratory grain size analysis.
 3. Classification of granular material based on laboratory analysis from elevation -53.5 to -62.6.