

Hole No.CB-NC93-27

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 1	
1. PROJECT Nassau County beach nourishment				10. SIZE AND TYPE OF BIT See Remarks			
2. LOCATION (Coordinates or Station) X=254,564 Y=738,949				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLW (FEET)			
3. DRILLING AGENCY Corps of Engineers				12. MANUFACTURER'S DESIGNATION OF DRILL Failings 314			
4. HOLE NO. (As shown on drawing title and file number) CB-NC93-27				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 5 undisturbed: 0			
5. NAME OF DRILLER D. Justiss				14. TOTAL NUMBER OF CORE BOXES 1			
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				15. ELEVATION GROUND WATER TIDAL			
7. THICKNESS OF BURDEN Ft.				16. DATE HOLE STARTED COMPLETED 3/7/93 3/7/93			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -17.2 Ft.			
9. TOTAL DEPTH OF HOLE 20 Ft.				18. TOTAL CORE RECOVERY FOR BORING 79% %			
				19. SIGNATURE OF GEOLOGIST J. Aurther			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS Bit or Barrel	BLOWS/ 1'
-17.2	0		Sand, fine, gray (SC)				0
				64	1	5' SPOON	4
							9
							12
							15
							12
							3
							4
							8
-23.8	6.6		below -23.8, fine to medium sand, some shell fragments	100	2	5' SPOON	14
							20
					3		23
-27.2	10.0		Sand, medium to coarse, silty, some shell fragments (SM)				12
				60	4	5' SPOON	16
							16
							6
							6
-32.2	15.0		Sand, fine to medium, clayey, shelly, dark gray (SC) below -33.0, fine sand, no shell				12
				90		5' SPOON	5
							1
					5		6
							6
-37.2	20.0						5
			NOTE: Soils are field visually classified in accordance with the Unified Soils Classification System.			300# HAMMER WITH 18" DROP USED ON 5.0' SOLID SPOON (2" I.D. X 2" 1/2 O.D.)	21
			SAMPLE ELEVATION LABORATORY CLASSIFICATION				24
			-17.2 to -19.0 (SP)				
			-22.2 to -23.8 (SP-SM)*				
			NOTE: * Classification based on Gradation Curve. No Atterberg Limits.				27