

## Hole No.CB-NC93-19

DRILLING LOG		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2			
1. PROJECT Nassau County beach nourishment			10. SIZE AND TYPE OF BIT See Remarks				
2. LOCATION (Coordinates or Station) X=262,944 Y=747,965			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-NC93-19			13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 9 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 3/5/93 3/5/93				
8. DEPTH DRILLED INTO ROCK 0 Ft.			17. ELEVATION TOP OF HOLE -20.5 Ft.				
9. TOTAL DEPTH OF HOLE 30 Ft.			18. TOTAL CORE RECOVERY FOR BORING 69% %				
			19. SIGNATURE OF GEOLOGIST J. Aurthur				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS Bit or Barrel	BLOWS/ Ft.
-20.5	.0		Sand, fine, gray (SP)				0
				44	1	5' SPOON	11
							9
							12
							18
							22
						-25.5	
				64	2	5' SPOON	2
							5
							14
							21
							21
						-30.5	
				66	3	5' SPOON	9
							15
							21
							23
							28
						-35.5	
				56	4	5' SPOON	10
							14
							13
							10
							18
						-40.5	
-40.5	20.0		Sand, fine to medium, silty, trace shell fragments, dark gray (SC)		5	5' SPOON	1
				100			SETTLED
							SETTLED
-43.9	23.4		Sand, fine to medium, silty, trace shell fragments, dark gray (SM)		6		1
							5
-45.5	25.0		Sand, fine to medium, some silt, some shell fragments, dark gray, (SC)		7	5' SPOON	3
-46.9	26.4		Clay, trace fine to medium sand, trace shell fragments, dark gray (SH)	86	8		SETTLED
						(continued)	27

DRILLING LOG (Cont. Sheet)			ELEVATION TOP OF HOLE -20.5 Ft.		SHEET 2 OF 2	
PROJECT Nassau County beach nourishment			INSTALLATION Jacksonville District			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS Bit or Barrel
-47.5	27.0					
-48.4	27.9				8	SETTLED
			Sand, fine, clayey, dark gray (SC)	86	9	5' SPOON SETTLED
-50.5	30.0					-50.5 2
			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.)
			SAMPLE ELEVATION      LABORATORY CLASSIFICATION			
			-20.5 to -22.7      (SP)			
			-25.5 to -27.2      (SP)			
			-35.5 to -37.4      (SP)			
			-45.5 to -46.9      (SP-SM)*			
			NOTE: * Classification based on Gradation Curve. No Atterberg Limits.			