

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=253,699 Y=738,355				11. DATUM FOR ELEVATION SHOWN (TBM or NSL) 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-NC93-29				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 3/7/93 3/7/93			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -14.8 Ft.			
9. TOTAL DEPTH OF HOLE 25 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/ 1'
-14.8	.0						0
			Sand, fine to medium, trace shell fragments, gray (SP)	76	1		SETTLED
							SETTLED
						5' SPOON	2
					2		6
-19.8	5.0		below -19.8, shelly			-19.8	10
					3		3
							6
-22.0	7.2		below -22.0, trace of shell fragments	68		5' SPOON	13
					4		11
							11
-24.8	10.0		below -24.8, medium to coarse sand			-24.8	11
					5		5
-26.3	11.5		below -26.3, fine to medium sand, no shell				11
-27.2	12.4			60		5' SPOON	24
			Sand, fine to medium, silty, trace shell fragments, gray (SM)		6		33
						-29.8	33
-29.8	15.0						15
-30.8	16.0		Sand, medium to coarse, some shell fragments, gray, (SP) below -30.8, fine sand, no shell		7		10
							33
				52		5' SPOON	13
					8		6
-34.8	20.0					-34.8	12
			Clay, trace fine sand, trace silt, dark gray (CH)				SETTLED
							2
			SAMPLE ELEVATION LABORATORY CLASSIFICATION	90	9	5' SPOON	SETTLED
			-17.3to -18.6 (SP)				SETTLED
			-24.8 to -26.3 (SP)				24
-39.8	25.0					-39.8	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.)	27