

## Hole No.CB-NC93-14

<b>DRILLING LOG</b>		<b>DIVISION</b> South Atlantic	<b>INSTALLATION</b> Jacksonville District	<b>SHEET 1</b> OF 1
<b>1. PROJECT</b> Nassau County beach nourishment		<b>10. SIZE AND TYPE OF BIT</b> See Remarks		
<b>2. LOCATION (Coordinates or Station)</b> X=745,397 Y=261,804		<b>11. DATUM FOR ELEVATION SHOWN (TBM or MSL)</b> MLW (FEET)		
<b>3. DRILLING AGENCY</b> Corps of Engineers		<b>12. MANUFACTURER'S DESIGNATION OF DRILL</b> Fallings 1400		
<b>4. HOLE NO. (As shown on drawing title and file number)</b> CB-NC93-14		<b>13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN</b> disturbed: 0      undisturbed: 0		
<b>5. NAME OF DRILLER</b> D. Justiss		<b>14. TOTAL NUMBER OF CORE BOXES</b> 1		
<b>6. DIRECTION OF HOLE</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		<b>15. ELEVATION GROUND WATER</b> TIDAL		
<b>7. THICKNESS OF BURDEN</b> Ft.		<b>16. DATE HOLE STARTED COMPLETED</b> 3/6/93    3/6/93		
<b>8. DEPTH DRILLED INTO ROCK</b> 0 Ft.		<b>17. ELEVATION TOP OF HOLE</b> -30.8 Ft.		
<b>9. TOTAL DEPTH OF HOLE</b> 20 Ft.		<b>18. TOTAL CORE RECOVERY FOR BORING</b> 77% %		
		<b>19. SIGNATURE OF GEOLOGIST</b> J. Aurthur		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS Bit or Barrel	BLOWS/ 1'
-30.8	.0						0
-32.6	1.8		Sand, fine trace of silt, gray (SP)		1		3
				56	2	5' SPOON	13
			Sand, fine, silty, trace clay, gray (SM)				8
							10
-35.8	5.0					-35.8	14
			Sand, fine to medium, some shell fragments, gray (SP)				3
				70	3	5' SPOON	7
							9
							9
						-40.8	16
-42.0	11.2				4		2
-42.6	11.8		Sand, fine, silty, trace shell fragments, dark gray (SM)		5		1
-43.8	13.0		Sand, fine, clayey, some silt, trace shell fragments dark gray (SC)	90	6	5' SPOON	4
			Sand, fine, silty, dark gray (SM)		7		3
-45.8	15.0					-45.8	2
			Sand, fine, clayey, trace shell fragments, dark gray (SC)		8		SETTLED
-48.6	17.8			90		5' SPOON	SETTLED
			Sand, fine to medium, silty, trace clay, trace shell fragments, dark gray (SM)		9		5
-50.8	20.0					-50.8	9
							14
			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
			-30.8 to -32.6 (SP)				
			-37.5 to -39.3 (SP-SM)*				
			-42.0 to -42.6 (SP)				
			-43.8 to -45.3 (SP-SM)*				
			NOTE: * Classification based on Gradation Curve. No Atterberg Limits.				27