

## Hole No.CB-NC93-16

<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=264,196 Y=745,190		<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> Failings 314		
<b>4. HOLE NO. (As shown on drawing title and file number)</b> CB-NC93-16		<b>13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN</b> disturbed: 5 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> N/A		
<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> -24.5 Ft.		
<b>9. TOTAL DEPTH OF HOLE</b> 20 Ft.		<b>18. TOTAL CORE RECOVERY FOR BORING</b> 70% %		
		<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'
-24.5	0						0
			Sand, fine, gray (SP)	56	1	5' SPOON	9 13 16 21 28
						-29.5	
				70	2	5' SPOON	9 14 20 23 27
-34.5	10.0					-34.5	
			Sand, fine, silty, trace clay, gray (SM)	64	3	5' SPOON	2 4 7 8
						-39.5	
-39.5	15.0				4		SETTLED
			Sand, fine, clayey, trace of shell fragments to shelly,	90		5' SPOON	2 SETTLED
-42.8	18.3						18
			Clay, some fine sand, some silt, trace shell fragments, dark gray (CH)		5		1
-44.5	20.0					-44.5	
			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
			-24.5 to -27.3      (SP-SM)*				
			-29.5 to -31.3      (SP-SM)*				
			NOTE: * Classification based on Gradation Curve. No Atterberg Limits.				27