

Hole No.CB-NC-5

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=736,837 Y=254,816				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLW (FEET)			
3. DRILLING AGENCY Corps of Engineers				12. MANUFACTURER'S DESIGNATION OF DRILL Failing 1500			
4. HOLE NO. (As shown on drawing title and file number) CB-NC-5				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 8 undisturbed: 0			
5. NAME OF DRILLER J. Detloff				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 1/21/76 1/21/76			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -16.7 Ft.			
9. TOTAL DEPTH OF HOLE 34 Ft.				18. TOTAL CORE RECOVERY FOR BORING 86 %			
				19. SIGNATURE OF Civil Engineer D. Hyatt Civil Engineer			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS Bit or Barrel	
-16.7	.0					-16.7	0
-17.7	1.0		SAND, fine to medium quartz, shelly, gray (SP) below -17.7, trace shell	75	1	2" SAMPLER	2.5
					2	-21.7	5
				100	3	2" SAMPLER	7.5
-26.7	10.0		SAND, fine quartz, gray (SP-SM)	100	4	2" SAMPLER	12.5
						-31.7	15
-33.7	17.0		below -33.7, occasional thin layers of silty/clayey sand	90	5	2" SAMPLER	17.5
				75	6	2" SAMPLER	20
						-36.7	22.5
						(continued)	

DRILLING LOG (Cont. Sheet)		ELEVATION TOP OF HOLE -16.7 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
-39.2	22.5			75	6	2" SAMPLER
						-41.7
-44.7	28.0		SAND, stiff, clayey (SC)	90	7	2" SAMPLER
					8	
-46.7	30.0		SAND, fine to medium quartz, gray (SP-SM)			-46.7
				100	9	2" SAMPLER
-50.7	34.0					-50.7
			NOTE: Soils are field visually classified in accordance with the Unified Soils Classification System. Samples recovered using a 2 inch (I.D.) sampler, 5 feet long, driven with a 300 pound hammer, 18 inch drop			