

DRILLING LOG		DIVISION		INSTALLATION		Hole No. CB-DNR-16	
1. PROJECT Charlotte Harbor Beach Disposal		South Atlantic		Jacksonville District		SHEET 1 OF 1 SHEETS	
2. LOCATION (Coordinates or Stationing) x = 413,802 y = 876,290				10. SIZE AND TYPE OF BIT See Remarks			
3. DRILLING AGENCY US Army Corps of Engineers				11. DAYTIME FOR ELEVATION SHOWN (Tide or Sea) MLW			
4. HOLE NO. (As shown on drawing sheet) CB-DNR-16				12. MANUFACTURER'S DESIGNATION OF DRILL Acker			
5. NAME OF DRILLER D. Musilek				13. TOTAL NO. OF OVER- BURDEN SAMPLES TAKEN		DISTURBED UNDISTURBED	
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.				14. TOTAL NUMBER CORE BOXES 1			
7. THICKNESS OF OVERBURDEN				15. ELEVATION GROUND WATER Tidal			
8. DEPTH DRILLED INTO ROCK				16. DATE HOLE STARTED 1/23/90 COMPLETED 1/23/90			
9. TOTAL DEPTH OF HOLE 20.0'				17. ELEVATION TOP OF HOLE +3.0			
				18. TOTAL CORE RECOVERY FOR BORING 76 %			
				19. SIGNATURE OF INSPECTOR Geologist, G. Holm			

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	LOG-ON- SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)
+3.0	0.0					Bit or Barrel
						+3.0 Blows/Ft
+1.0	2.0		SAND, coarse to fine quartz, shelly, moderately cemented, tan, trace silt (SP)	100	1	Split Spoon (1-3/8" x 2") 20
+0.6	2.4					+1.5 45
			SAND, fine grained, tan (SP)	74	2	" 7
			SAND, coarse to fine, shelly tan (SP)			" 18
			Iron staining present			0.0 32
-2.0	5.0			100	3	2" Sampler 10
			SAND, medium to fine, some shell, tan-gray (SP)			16
						-3.0 50
-4.5	7.5					" 9
			SAND, fine quartz, little shell, gray (SP)	67	4	" 60
						-6.0 117
						" washed 65
				58	5	" 83
						" 82
						" 118
			Layer of shell 0.5' thick			-12.0 102
						" 38
-15.5	18.5			80	6	" 63
			SAND, very fine, light gray, (SP)			" 82
-17.0	20.0		Washed probe to elev. -20.0 no rock encountered			" 200
			Soils are field visually classified in accordance with the Unified Soils Classification System.			-17.0 89
						140# hammer with 30" drop used on sampler. Hole located on profile line 16 180 ft. W of DNR-16.