

DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION		(Coordinates or Station) X= 810970.40 Y=771803.78		
3. DRILLING AGENCY:		EXMAR		
4. HOLE NO.		(As shown on drawing title and file number) DB-87-10		
5. NAME OF DRILLER		M.L. CLARK		
6. DIRECTION OF HOLE		VERTICAL		
7. THICKNESS OF BURDEN		0.0 FT		
8. DEPTH DRILLED INTO ROCK		0.0 FT		
9. TOTAL DEPTH OF HOLE		20 FT		
10. SIZE AND TYPE OF BIT		3.0"		
11. DATUM FOR ELEVATION SHOWN		(TBM or MSL) NGVD		
12. MANUFACTURER'S DESIGNATION OF DRILL		EXMAR		
13. TOT NO. OF OVERBURDEN SAMPLES TAKEN		disturbed: 0.0 undisturbed: 0.0		
14. TOTAL NO. OF CORE BOXES				
15. ELEVATION GROUND WATER				
16. DATE HOLE		Started Completed 7/17/87 0900		
17. ELEVATION TOP OF HOLE		-71.0 ft.		
18. TOTAL CORE RECOVERY FOR BORING		77%		
19. SIGNATURE OF GEOLOGIST		FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-71	0					SP
	1					Sample #1, Depth = 1.0' 0.21 mm, 0.60 phi sorting 1.0% silt
	2					
	3		SAND, fine grained, with scattered shell fragments, Gray (SP)		1	
	4					
	5					
-77.2	6		shell layer, (SP) from -77.2' to -77.4'		1	
	7					
-79	8		fine grained, Gray (SP) from -77.4 to -79.0'			Sample #2, Depth = 8.0' 0.87 mm, 0.05 phi sorting 0.20% silt
	9		shell layer, (SP) from -79.0' to -79.2'		1	
	10		medium grained, with shell and coral fragments (<2"), Gray (SP) from -79.2' to -83.0'			
	11					
-83	12				3	Sample #3, Depth = 12.0' 0.97 mm, 0.85 phi sorting 2.5% silt
	13		fine grained, with shell and coral fragments (<3") trace silt (SP) from -83.0 to -85.5'			
-85.3	14					
-86.3	15		SILT / CLAY (SM-SC)		4	Sample #4, Depth= 15.0' 0.14 mm, 1.34 phi sorting 25.0% silt
	16					
	17					
	18		NO RECOVERY			
	19					
-91	20		End of Boring			
	21					
	22		Note: Soils are classified in accordance with the Unified Soils Classification System.			
	23					
	24					

PROJECT: Delray Beach

HOLE NUMBER: