

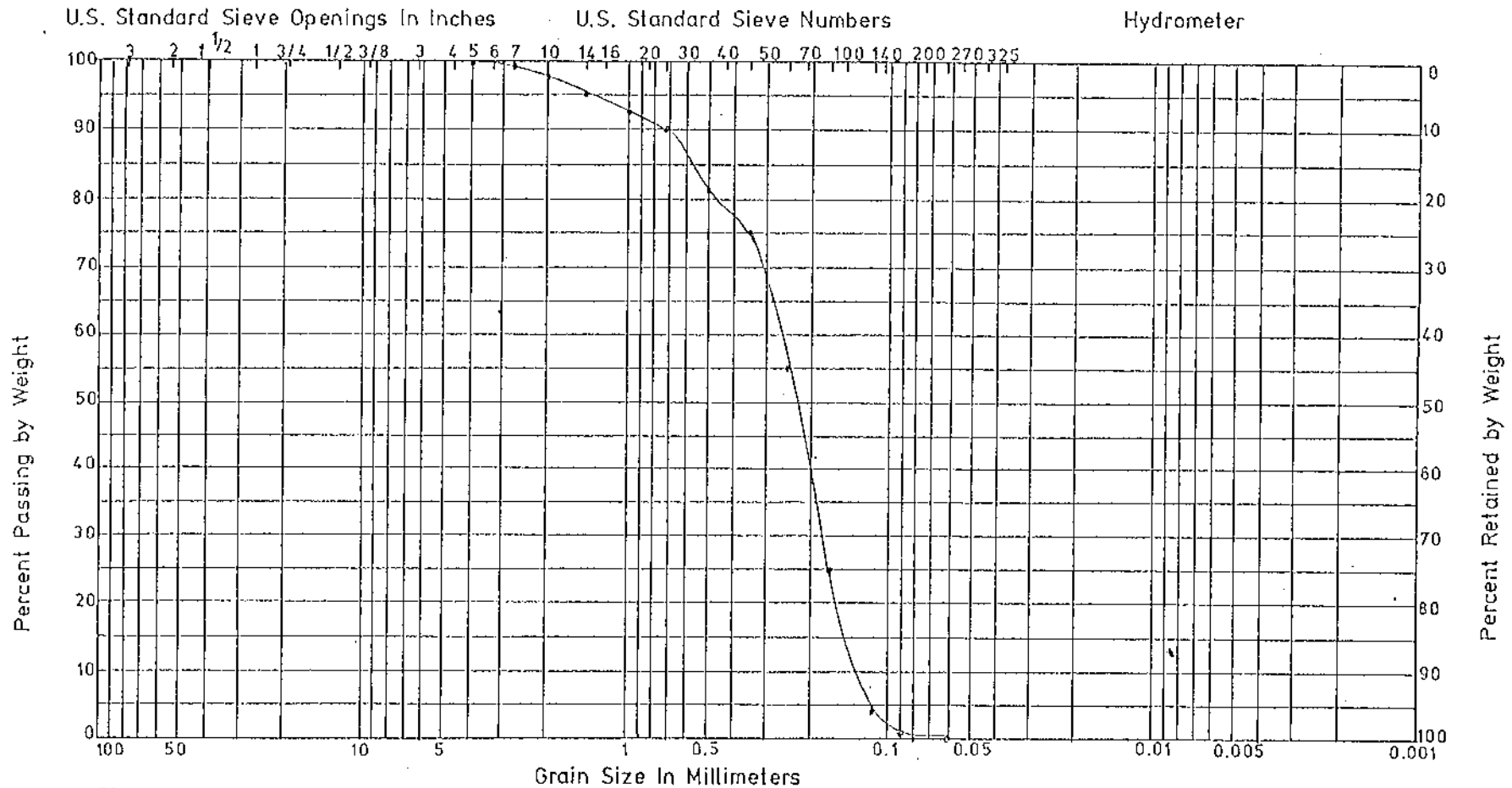
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION (Coordinates or Station)		10. SIZE AND TYPE OF BIT 3.0"		
X= 809568.57 Y= 766789.95		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD		
3. DRILLING AGENCY: EXMAR		12. MANUFACTURER'S DESIGNATION OF DRILL EXMAR		
4. HOLE NO. (As shown on drawing title and file number) DB-87-16		13. TOT NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0.0 undisturbed: 0.0		
6. NAME OF DRILLER M.L. CLARK		14. TOTAL NO. OF CORE BOXES		
6. DIRECTION OF HOLE VERTICAL		16. ELEVATION GROUND WATER		
7. THICKNESS OF BURDEN 0.0 FT		16. DATE HOLE Started Completed 7/18/87 1045		
8. DEPTH DRILLED INTO ROCK 0.0 FT		17. ELEVATION TOP OF HOLE -35.0 ft.		
9. TOTAL DEPTH OF HOLE 18.5' FT		18. TOTAL CORE RECOVERY FOR BORING 86%		
		19. SIGNATURE OF GEOLOGIST FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-35	0					SP
-37	1		SAND, fine grained, with scattered shell fragments, Gray (SP)			
	2		shell layer, (SP) from -37.0' to -37.2'		1	Sample #1, Depth = 2.0' 0.27 mm, 0.90 phi sorting 1.0% silt
	3					
	4		fine grained, with small quantity of shell fragments, Gray (SP) from -37.2' to -41.0'			
	5					
-41.1	6		shell layer, (SP) from -41.1' to -41.3'		2	Sample #2, Depth = 6.0' 0.33 mm, 0.77 phi sorting 0.90% silt
	7					
	8		fine grained, with scattered shell fragments, Gray (SP) from -41.3' to -45.0'			
	9					
-45	10				3	Sample #3, Depth = 10.0' 0.37 mm, 1.3 phi sorting 0.90% silt
	11					
	12		fine grained, with shell fragments, Gray (SP) from -45.0' to -49.5'			
	13					
-49.5	14				4	Sample #4, Depth = 14.0' 0.27 mm, 0.69 phi sorting 0.40% silt
	15		fine grained, with small quantity of shell fragments, Gray (SP) from -49.5' to -51.0'			
-51	16					
	17		NO RECOVERY			
-53.5	18					
	19		End of Boring			
	20					
	21					
	22		Note: Soils are classified in accordance with the Unified Soils Classification System.			
	23					
	24					

PROJECT: Delray Beach

HOLE NUMBER:

MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
16	GREY POORLY GRADED SAND
2'	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MENN: 0.27mm MEDIAN: 0.25mm SORTING: 90

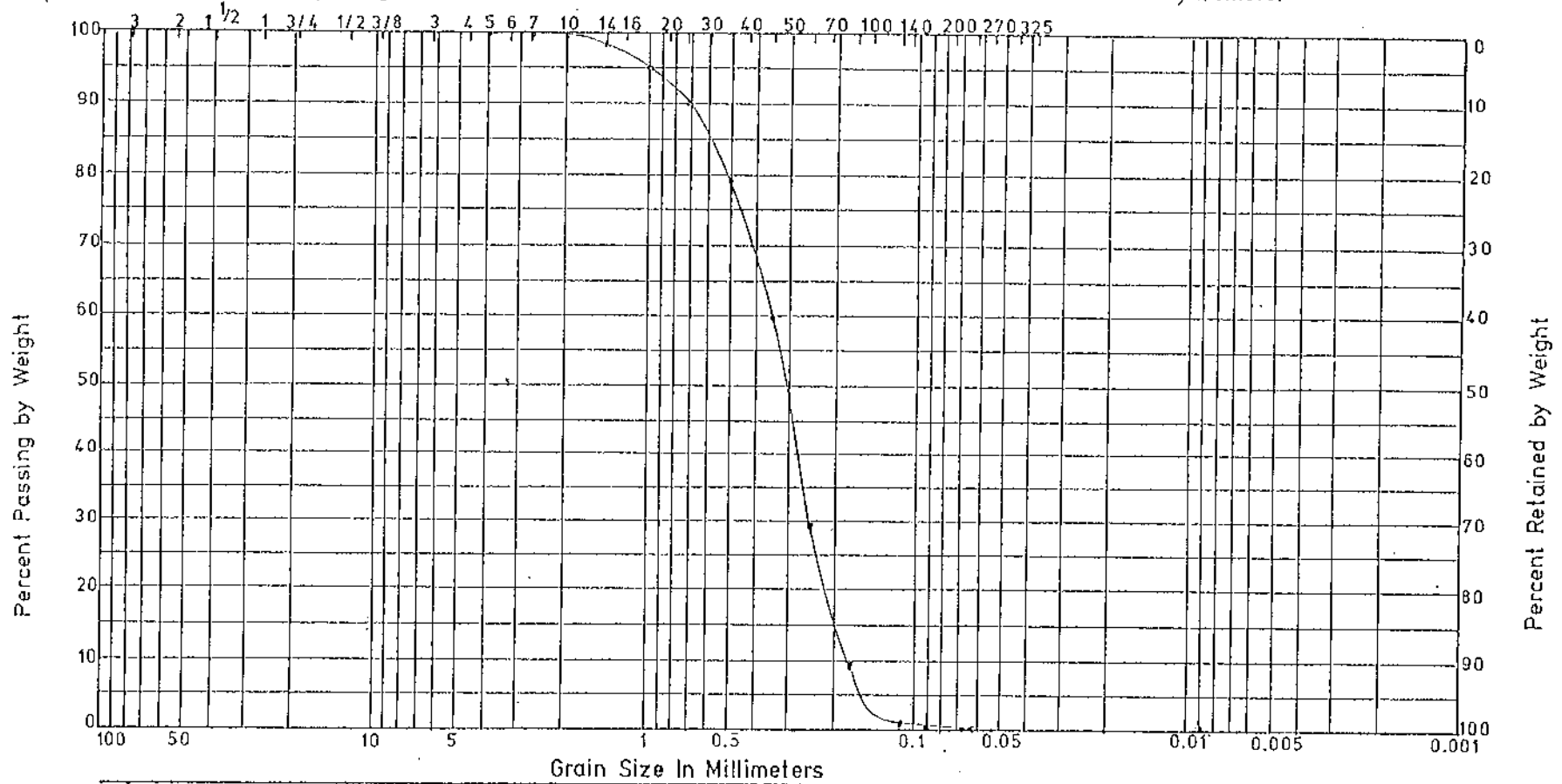
PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART

U.S. Standard Sieve Openings In Inches

U.S. Standard Sieve Numbers

Hydrometer



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
16 6'	GREY POORLY GRADED SAND WITH TRACES OF SHELL FRAGMENTS. (SP) MEAN: .33MM MEDIAN: .30MM SORTING: .77

PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987

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MECHANICAL ANALYSIS CHART

