

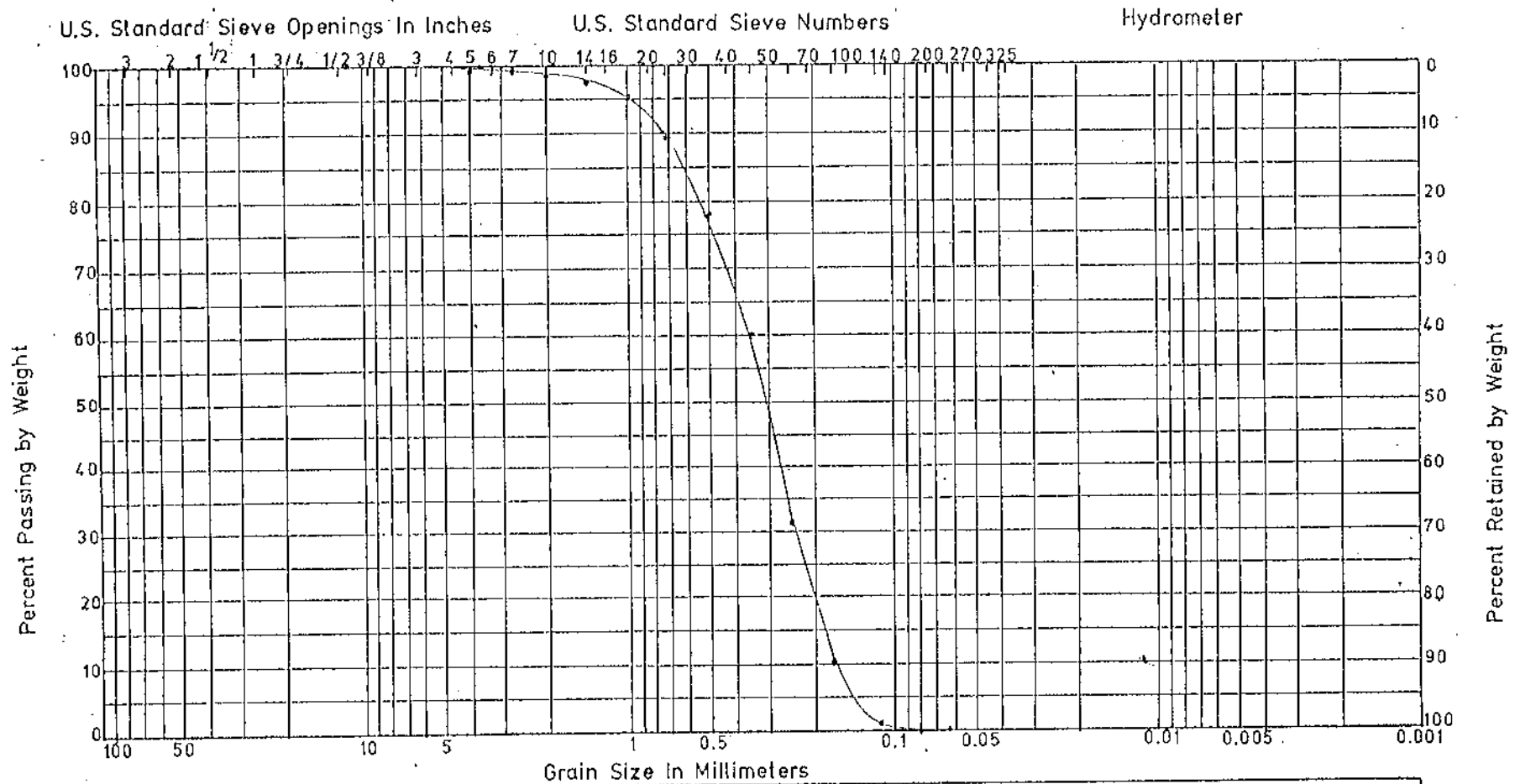
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION		(Coordinates or Station) X= 810129.85 Y=770927.12		
3. DRILLING AGENCY:		EXMAR		
4. HOLE NO.		(As shown on drawing title and file number) DB-87-11		
5. NAME OF DRILLER		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		20.0' FT		
10. SIZE AND TYPE OF BIT		3.0"		
11. DATUM FOR ELEVATION SHOWN		(TBM or MSL) 36' 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	
		7/16/87	1000	
17. ELEVATION TOP OF HOLE		-36.0 ft.		
18. TOTAL CORE RECOVERY FOR BORING		100%		
19. SIGNATURE OF GEOLOGIST		FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-36	0					SP
	1					
	2					
	3		DREDGED IN 1992		1	Sample #1, Depth = 3.0' 0.32 mm, 0.87 phi sorting 0.30% silt
	4					
	5					
-42	6					
	7					
	8		SAND, fine grained, Gray (SP)		2	Sample #2, Depth = 8.0' 0.27 mm, 0.58 phi sorting 1.0% silt
	9					
	10					
-47	11					
	12					
	13		fine grained, with scattered shell fragments, Gray (SP) from -47.0' to -52.0'		3	Sample #3, Depth = 13.0' 0.32 mm, 0.77 phi sorting 0.10% silt
	14					
	15					
-52	16		shell layer, (SP) from -52.0' to -52.3'			
	17					
	18		fine grained, small quantity of shell fragments, Gray (SP) -52.3' to -56.0'		4	Sample #4, Depth = 18.0' 0.22 mm, 0.60 phi sorting 0.10% silt
	19					
-56	20					
	21		End of Boring			
	22					
	23		Note: Soils are classified in accordance with the Unified Soils Classification System.			
	24					

PROJECT: Delray Beach

HOLE NUMBER:

MECHANICAL ANALYSIS CHART

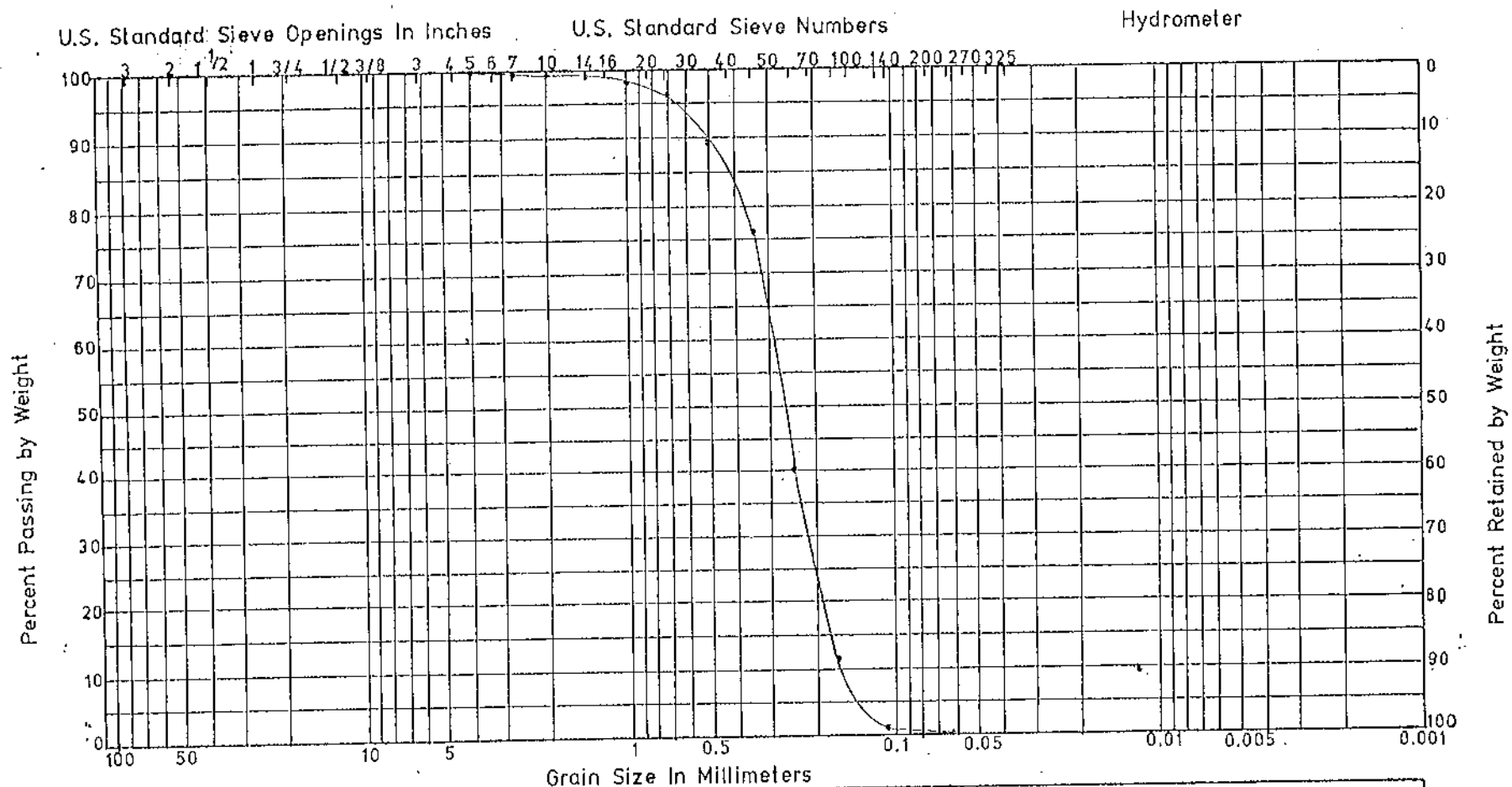


Grain Size in Millimeters					
GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

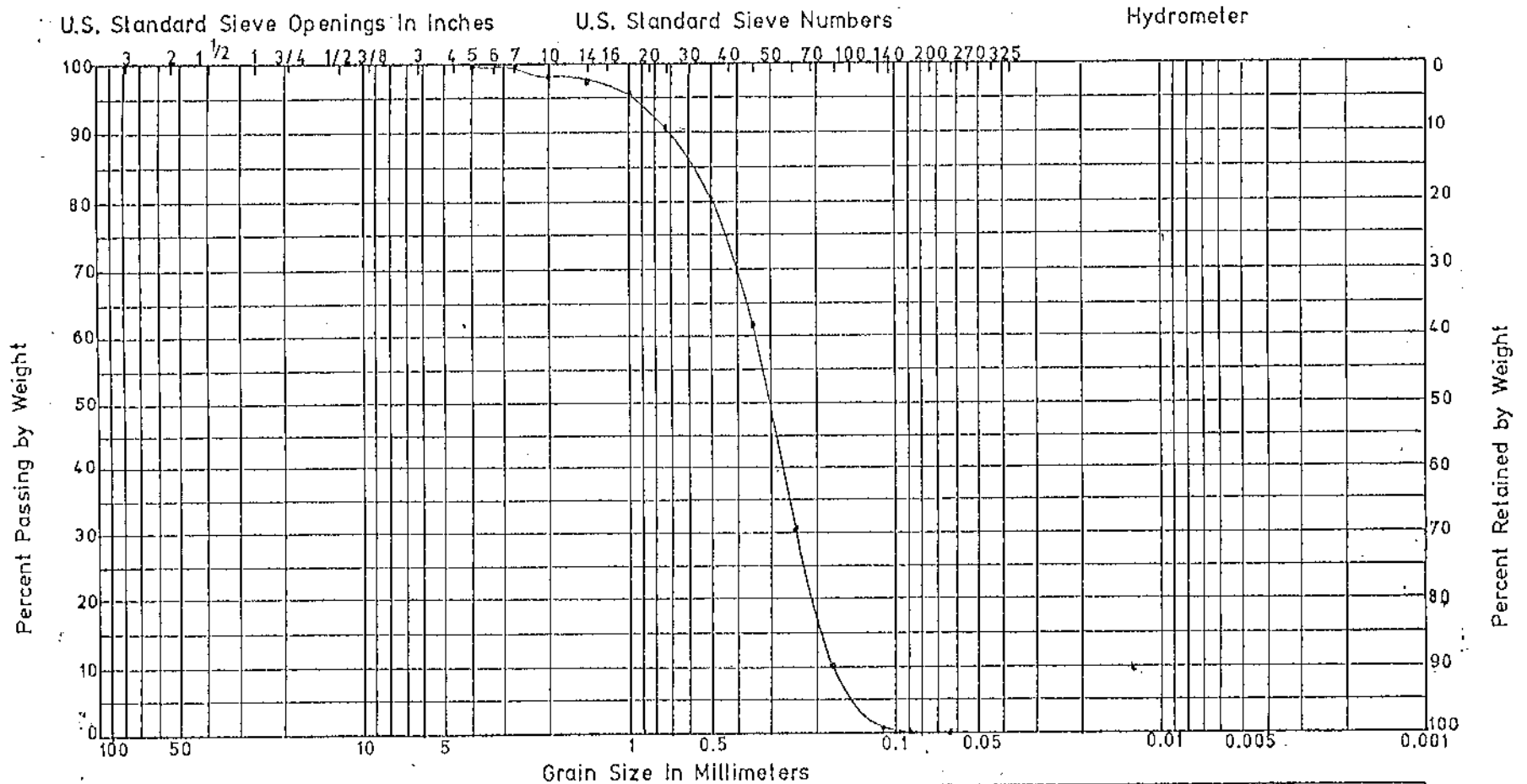
SAMPLE NO.	CLASSIFICATION
11	GREY POORLY GRADED SAND
3'	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MEAN: .319MM MEDIAN: .30MM SORTING: .87

PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987

MECHANICAL ANALYSIS CHART



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