

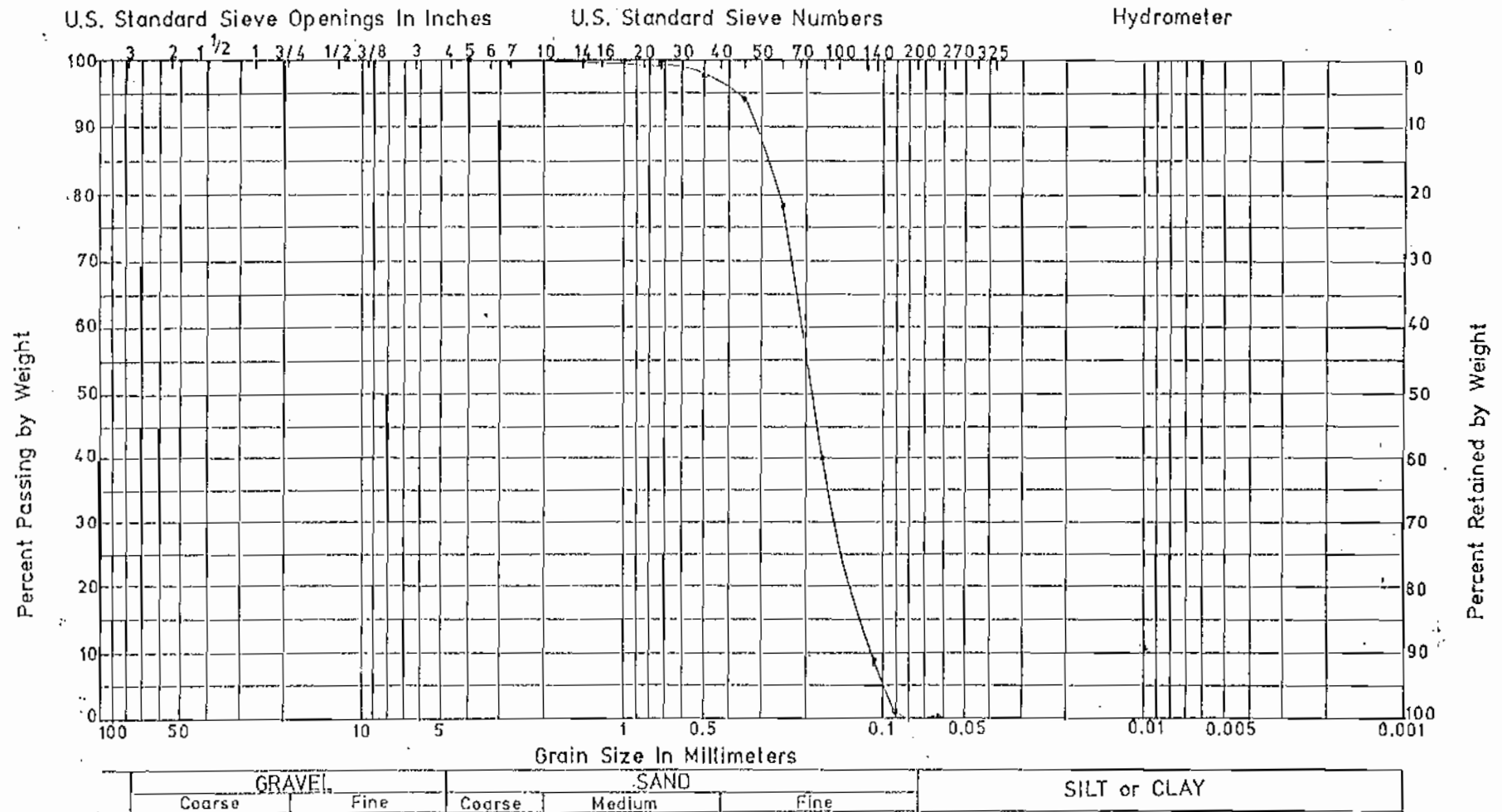
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION		(Coordinates or Station) X= 810877.59 Y=775644.49		
3. DRILLING AGENCY:		EXMAR		
4. HOLE NO.		(As shown on drawing title and file number) DB-87-6		
5. NAME OF DRILLER		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) 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 1620		
17. ELEVATION TOP OF HOLE		-65.0' ft.		
18. TOTAL CORE RECOVERY FOR BORING		95%		
19. SIGNATURE OF GEOLOGIST		FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-65	0					SP
	1				1	Sample #1, Depth = 2.0' 0.19 mm, 0.55 phi sorting 0.10% silt
	2		SAND, fine grained, Gray (SP)			
	3					
	4					
-70	5				2	Sample #2, Depth = 7.0' 0.32 mm, 0.83 phi sorting 0.10% silt
	6		fine grained, with small quantity of shell fragments, Gray (SP) from -70.0' to -74.0'			
	7					
	8					
-74	9		shell layer, (SP) from -74.0' to -74.4'			
	10				3	Sample #3, Depth = 13.0' 0.21 mm, 0.52 phi sorting 0.10% silt
	11		fine grained, with small quantity of shell fragments, Gray (SP) from -74.4' to -79.0'			
	12					
	13					
-79	14				4	Sample #4, Depth= 17.0' 0.40 mm, 1.56 phi sorting 0.10% silt
	15		fine grained, with shell & coral fragments, (<1"), Gray (SP) from -79.0' to -83.9'			
	16					
	17					
	18					
-83.9	19		NO RECOVERY			
-85	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:

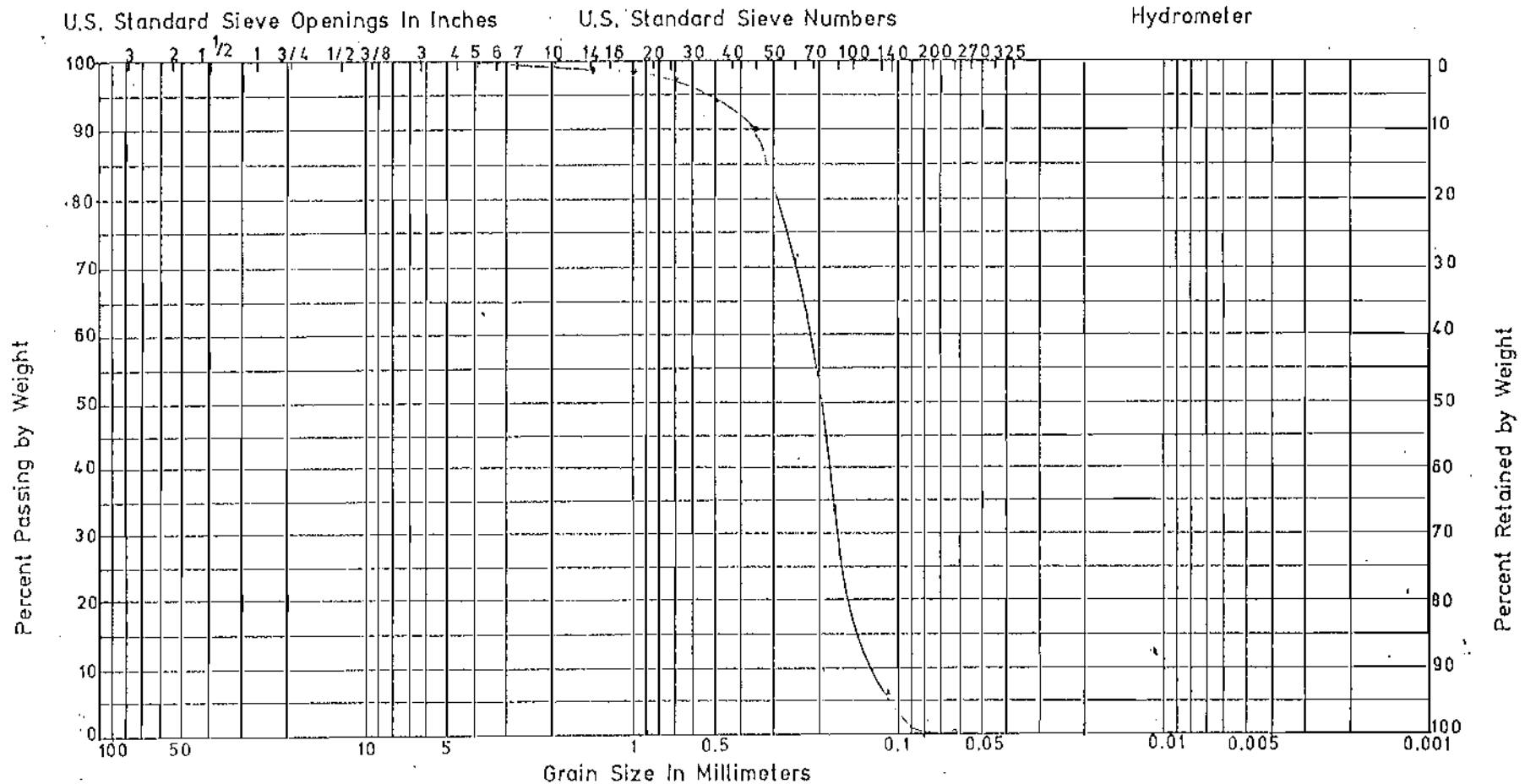
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
6	GREY POORLY GRADED SAND WITH
2'	TRACES OF SHELL (SP)
	MEAN: .191MM MEDIAN: .19MM SORTING: .55

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART

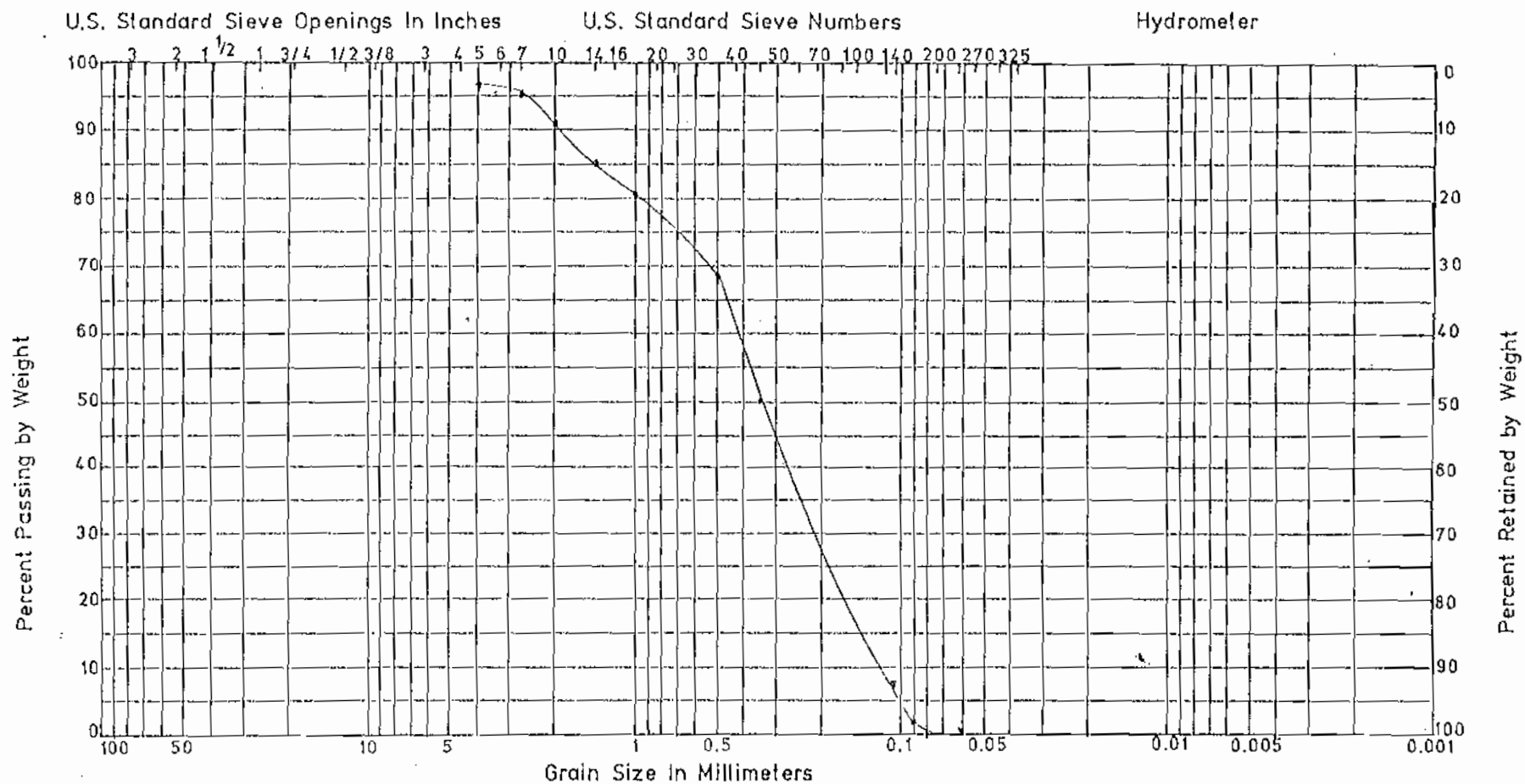


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
6 13'	GREY POORLY GRADED SAND WITH TRACES OF SHELL. (SP)
	MEAN: .21 MM MEDIAN: .20 MM SORTING: S2

PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987

MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
6	GREY POORLY GRADED SAND WITH
17'	SHELL AND CORAL FRAGMENTS. (SP)
	MEAN: 398 μm MEDIAN: 32 μm SORTING: 1.56

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987