

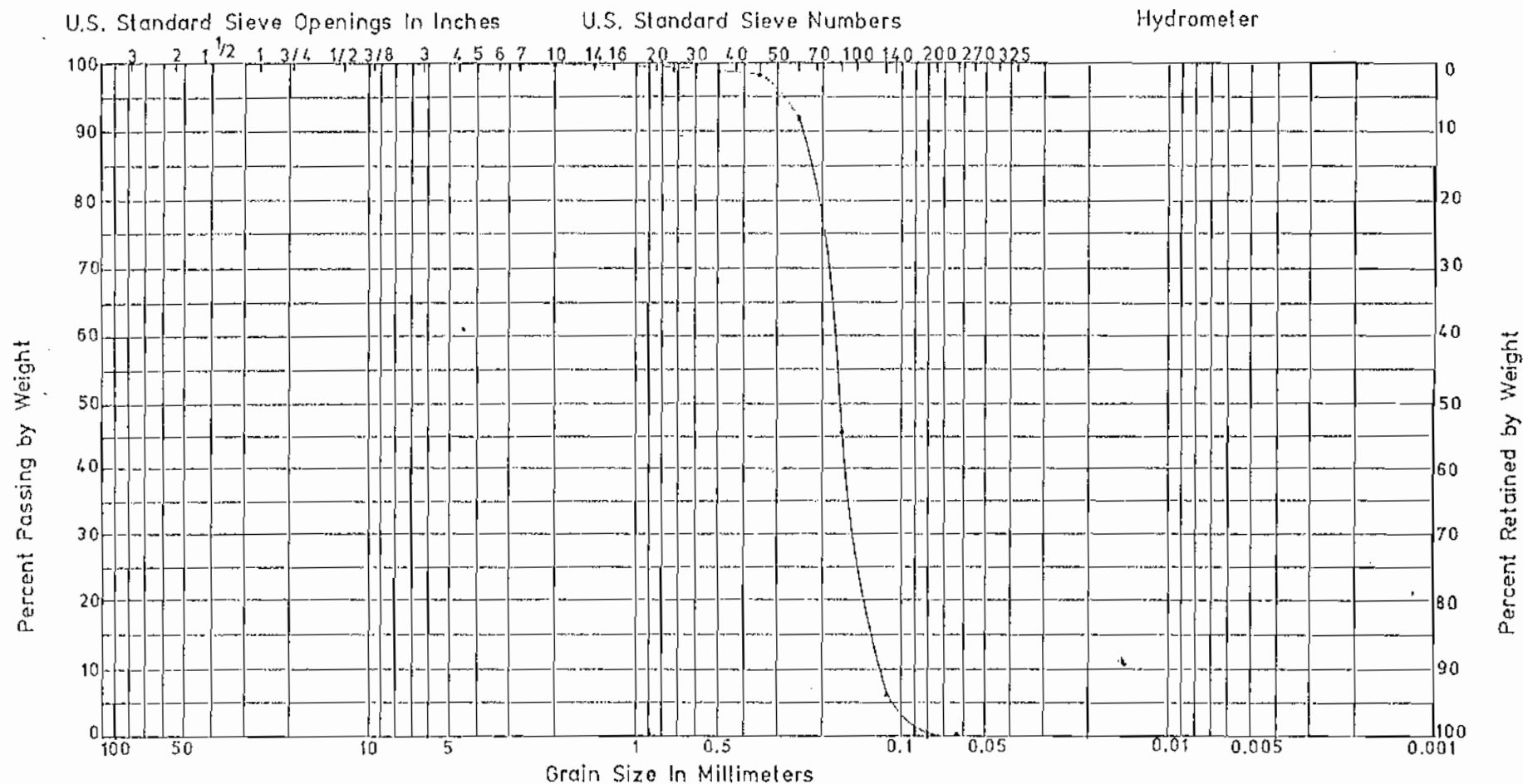
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION (Coordinates or Station)		X= 811895.47 Y=779208.99		
3. DRILLING AGENCY:		EXMAR		
4. HOLE NO. (As shown on drawing title and file number)		DB-87-1		
5. NAME OF DRILLER		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		19.5' 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		1		
15. ELEVATION GROUND WATER				
16. DATE HOLE		Started 7/16/87 Completed 0930		
17. ELEVATION TOP OF HOLE		-49.0 ft.		
18. TOTAL CORE RECOVERY FOR BORING		87%		
19. SIGNATURE OF GEOLOGIST		FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-49	0					SP
	1				1	Sample #1, Depth = 3.0' 0.17 mm, 0.38 phi sorting 0.30% silt
	2					
	3					
	4					
	5					
	6					Sample #2, Depth = 7.0' 0.20 mm, 0.45 phi sorting 0.30% silt
	7		SAND, fine grained, Gray (SP)		2	
	8					
	9					
	10					
	11		trace shell and coral fragments (<1"), Gray (SP) from -60.0' to -63.0'		3	Sample #3, Depth = 11.0' 0.19 mm, 0.40 phi sorting 1.0% silt
	12					
	13					
-63	14					
	15		fine grained, with small quantity of shell fragments. Gray (SP) from -63.0' to -66.0'		4	Sample #4, Depth= 16.0' 0.20 mm, 0.50 phi sorting 1.0% silt
	16					
-66	17					
	18		NO RECOVERY			
	19					
-68.5	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

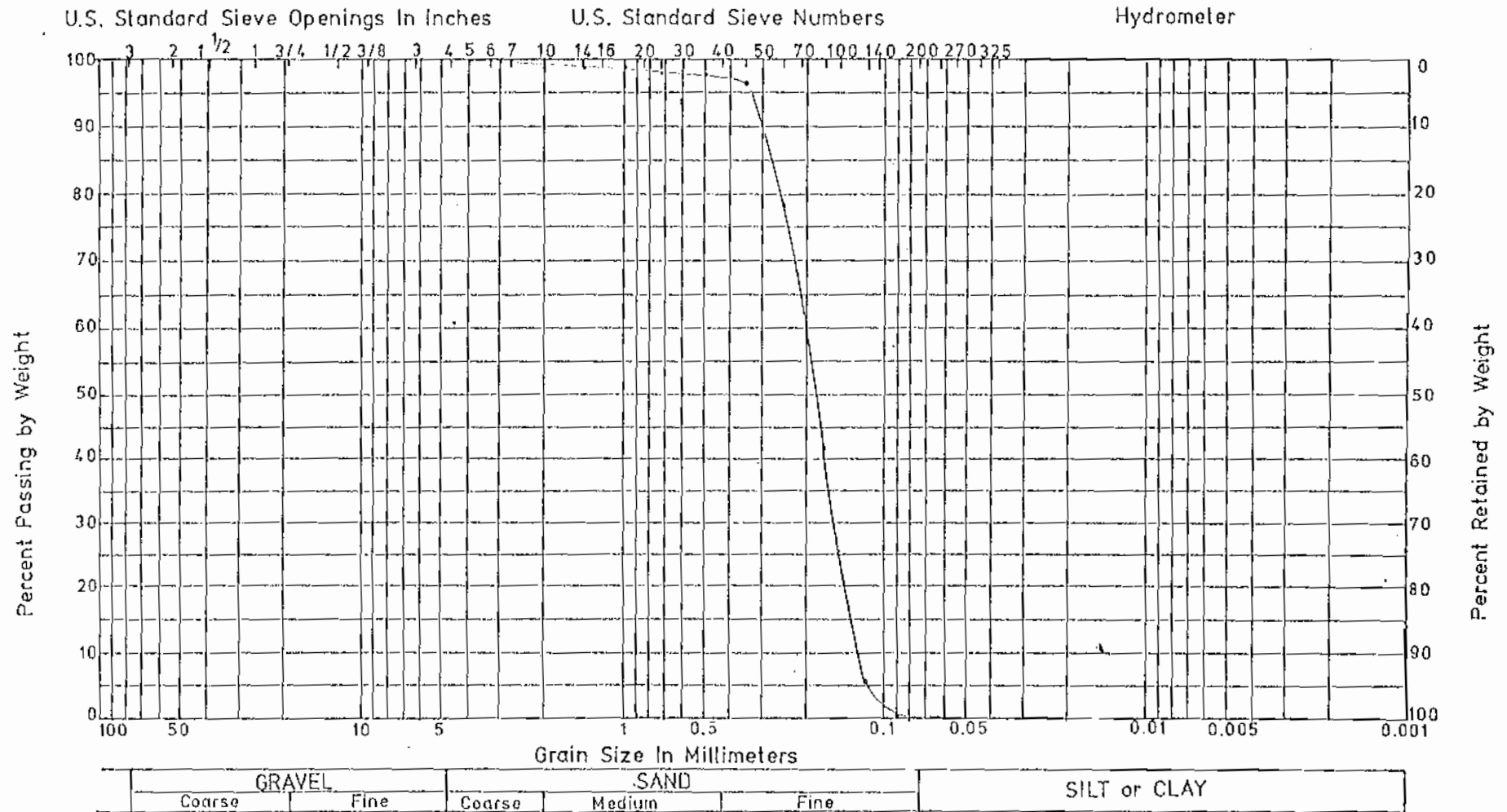


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
1	GREY POORLY GRADED SAND
3'	WITH TRACE OF SHELL (SP)
	MEAN: .169 MM MEDIAN: .17 MM SORTING: .38

PROJECT:	
DELRAY BEACH SAND SEARCH	
DATE:	JULY 1987

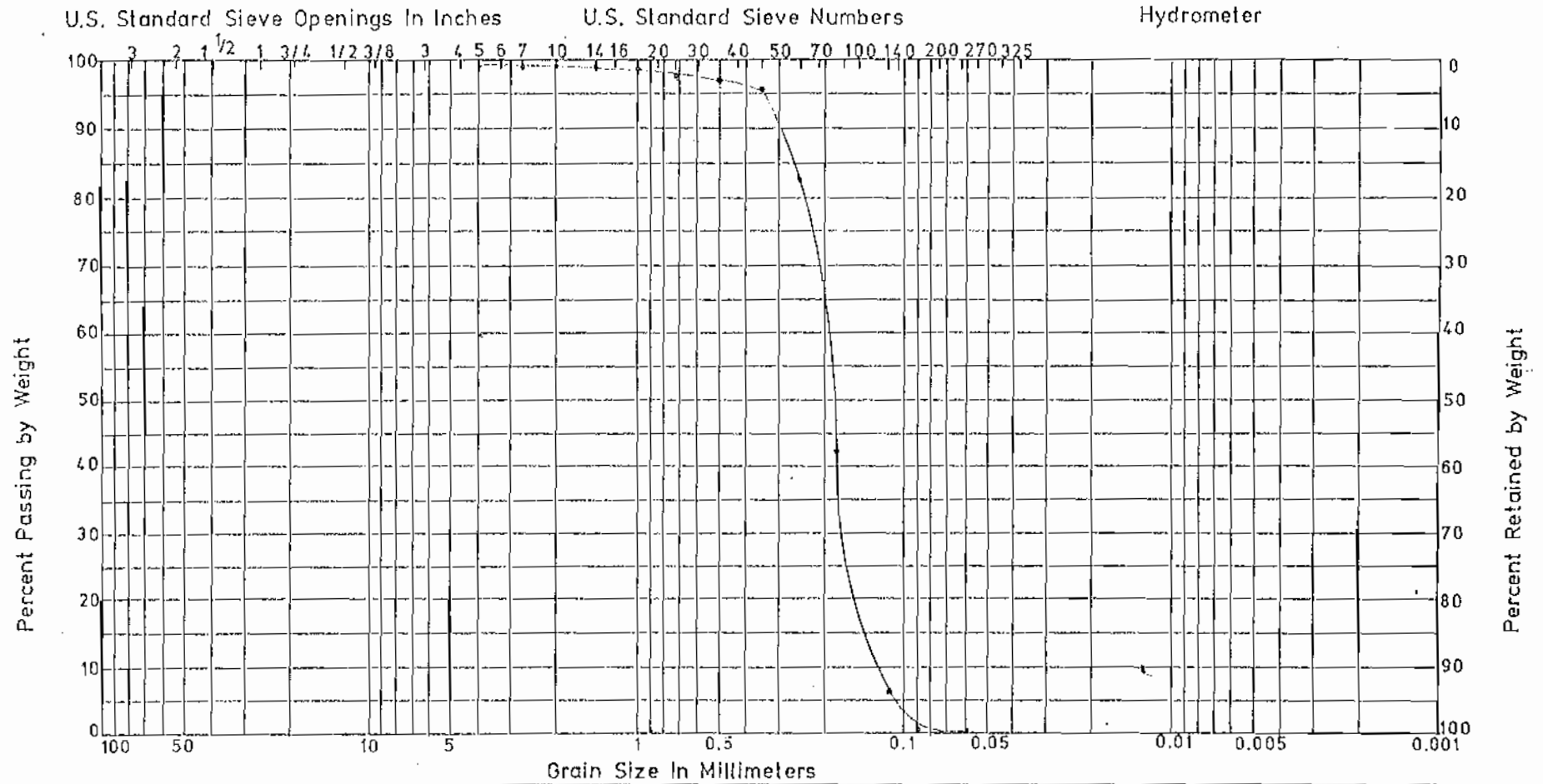
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
1	GREY POORLY GRADED SAND
7'	WITH TRACE OF SHELL (SP)
	MEAN: .198mm MEDIAN: .18mm SORTING: .45

PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987

MECHANICAL ANALYSIS CHART

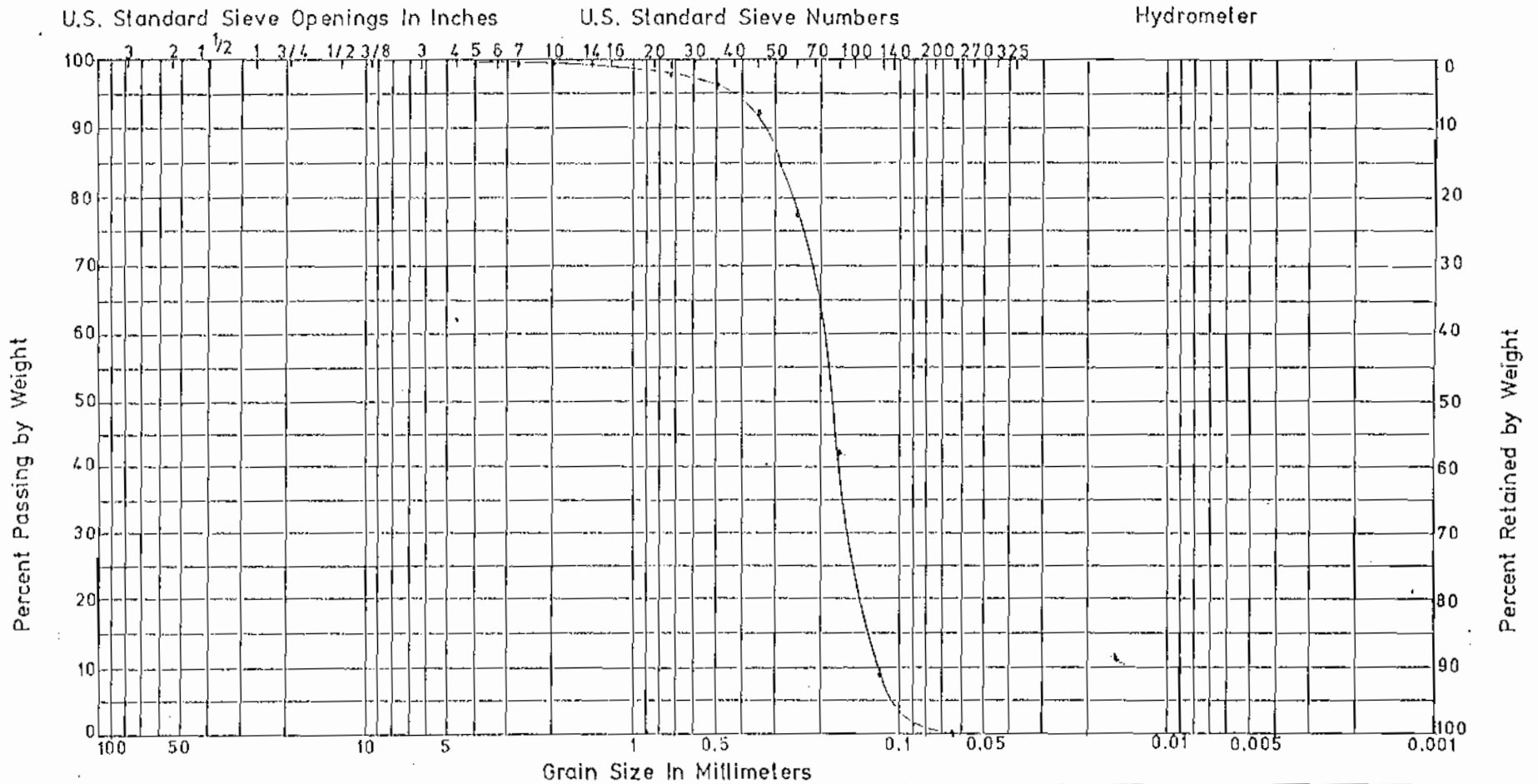


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
I	GREY POORLY SORTED SAND
II'	WITH A SMALL QTY OF SHELL & CORAL FRAGMENTS. (SP)
	MEAN: .192MM MEDIUM: .18MM SORTING: .40

PROJECT:	
DELRAY BEACH SAND SEARCH	
DATE:	JULY 1987

MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
1	GREY POORLY GRADED SAND WITH
16'	A SMALL QTY OF SHELL FRAGMENTS.
	(SP)
	MEAN: .202MM MEDIAN: .18MM SORTING: .50

PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987