

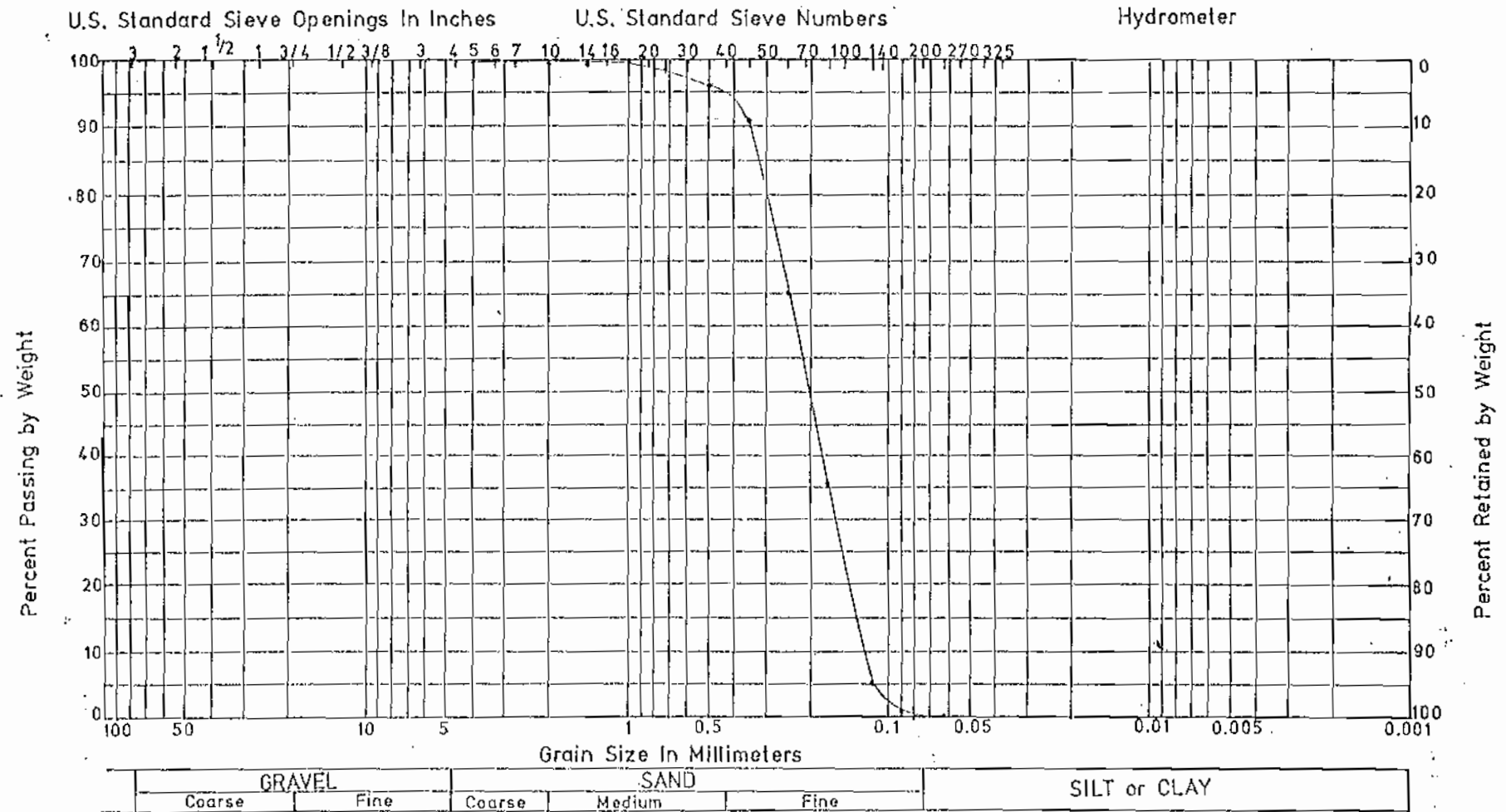
<b>DRILLING LOG</b>		<b>DIVISION:</b> South Atlantic	<b>INSTALLATION:</b> Jacksonville District	<b>SHEET</b> 1 of 1
<b>1. PROJECT</b>		DELRAY BEACH SAND SEARCH		
<b>2. LOCATION</b>		(Coordinates or Station) X=811092.67 Y=776680.06		
<b>3. DRILLING AGENCY:</b>		EXMAR		
<b>4. HOLE NO.</b>		(As shown on drawing title and file number) DB-87-5		
<b>5. NAME OF DRILLER</b>		M.L. CLARK		
<b>6. DIRECTION OF HOLE</b>		VERTICAL		
<b>7. THICKNESS OF BURDEN</b>		0.0 FT		
<b>8. DEPTH DRILLED INTO ROCK</b>		0.0 FT		
<b>9. TOTAL DEPTH OF HOLE</b>		20.0' FT		
<b>10. SIZE AND TYPE OF BIT</b>		3.0"		
<b>11. DATUM FOR ELEVATION SHOWN</b>		(TBM or MSL) NGVD		
<b>12. MANUFACTURER'S DESIGNATION OF DRILL</b>		EXMAR		
<b>13. TOT NO. OF OVERBURDEN SAMPLES TAKEN</b>		disturbed: 0.0 undisturbed: 0.0		
<b>14. TOTAL NO. OF CORE BOXES</b>				
<b>15. ELEVATION GROUND WATER</b>				
<b>16. DATE HOLE</b>		Started Completed 7/16/87 1450		
<b>17. ELEVATION TOP OF HOLE</b>		-60.0 ft.		
<b>18. TOTAL CORE RECOVERY FOR BORING</b>		100%		
<b>19. SIGNATURE OF GEOLOGIST</b>		FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-60	0					SP
	1				1	Sample #1, Depth = 3.0' 0.21 mm, 0.55 phi sorting 0.20% silt
	2					
	3					
	4					
	5		SAND, fine grained, with scattered shell fragments, Gray (SP)			
	6					
	7					
	8				2	Sample #2, Depth = 8.0' 0.24 mm, 0.52 phi sorting 0.30% silt
	9					
-70	10		shell layer, (SP) from -49.4' to -49.6'			
	11					
	12		fine grained, with scattered shell fragments. Gray (SP) from -49.6' to -53.4'			
	13					
-74	14		shell layer, (SP) from -53.4' to -53.6'		3	Sample #3, Depth = 14.0' 0.25 mm, 0.62 phi sorting 0.10% silt
	15					
	16					
	17		fine grained, with scattered shell fragments, Gray (SP) from -53.6' to -59.4'			
	18				4	Sample #4, Depth = 19.0' 0.24 mm, 0.57 phi sorting 0.20% silt
	19					
-80	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:

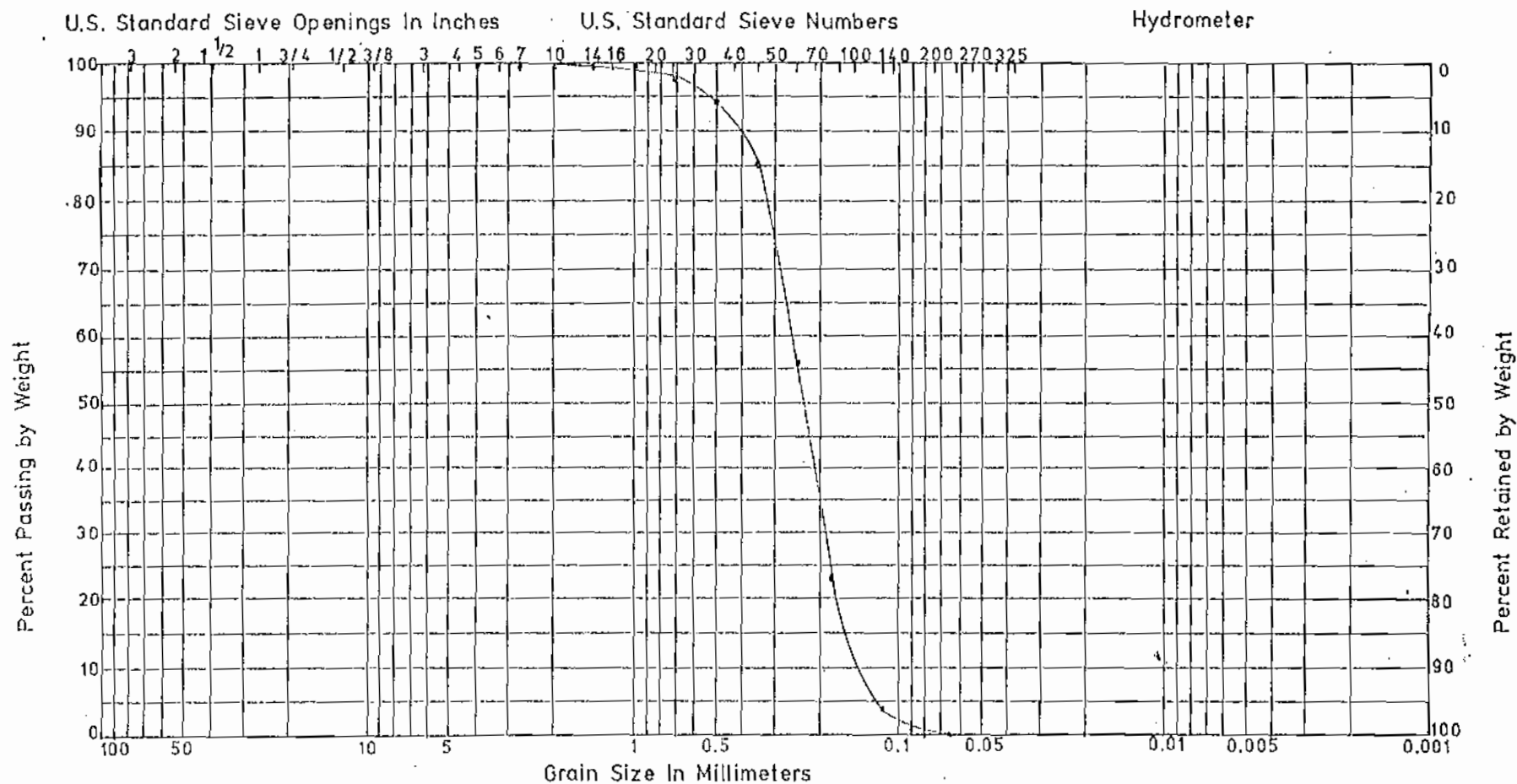
# MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
S	GREY POORLY GRADED SAND WITH
3'	TRACES OF SHELL FRAGMENTS. (SP)
	MEAN: 2.13MM MEDIAN: .20MM SORTING: .545

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

# MECHANICAL ANALYSIS CHART

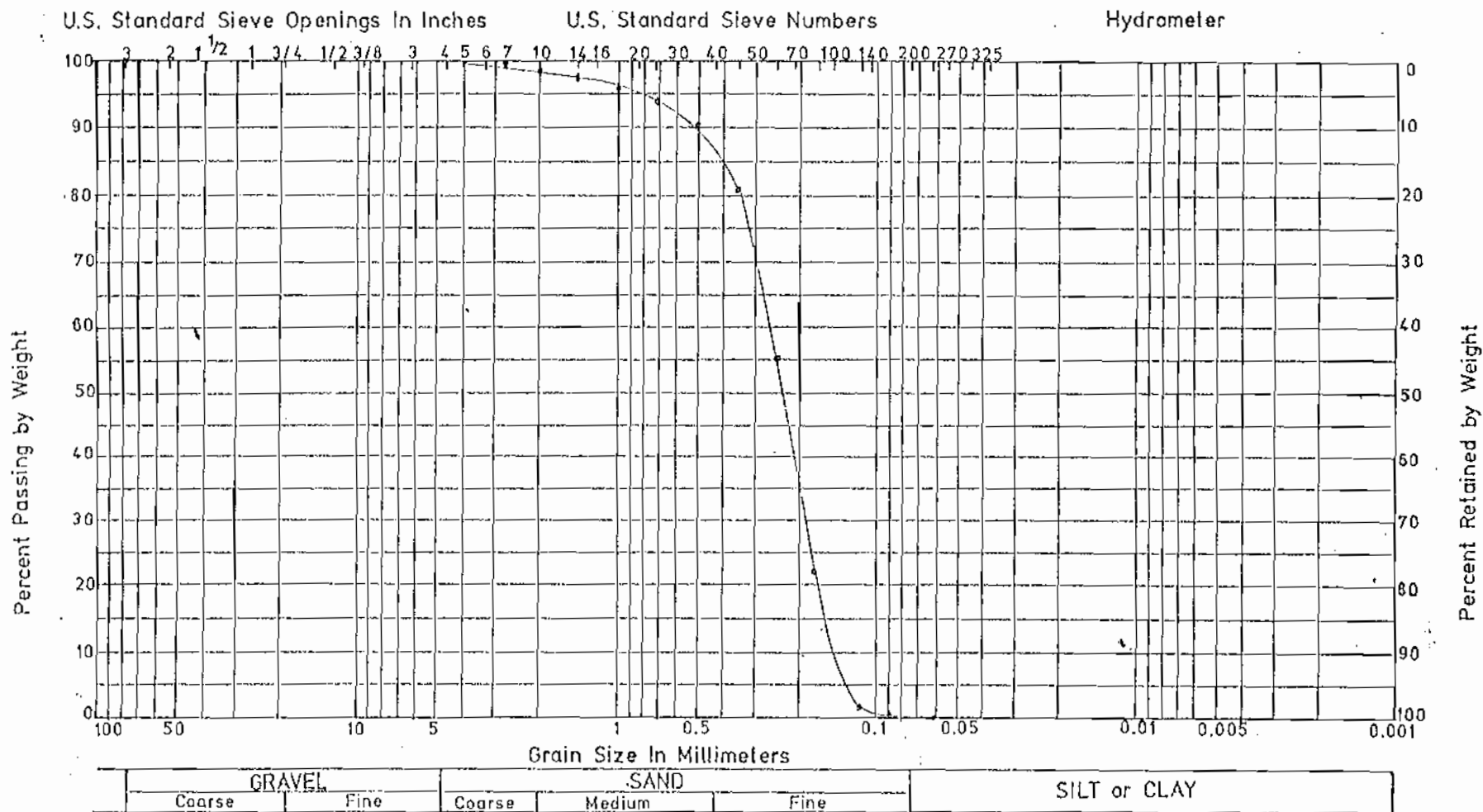


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
5	GREY POORLY GRADED SAND WITH
8'	TRACES OF SHELL. (SP)
	MEAN: .243mm MEDIAN: .24mm SORTING: .52

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

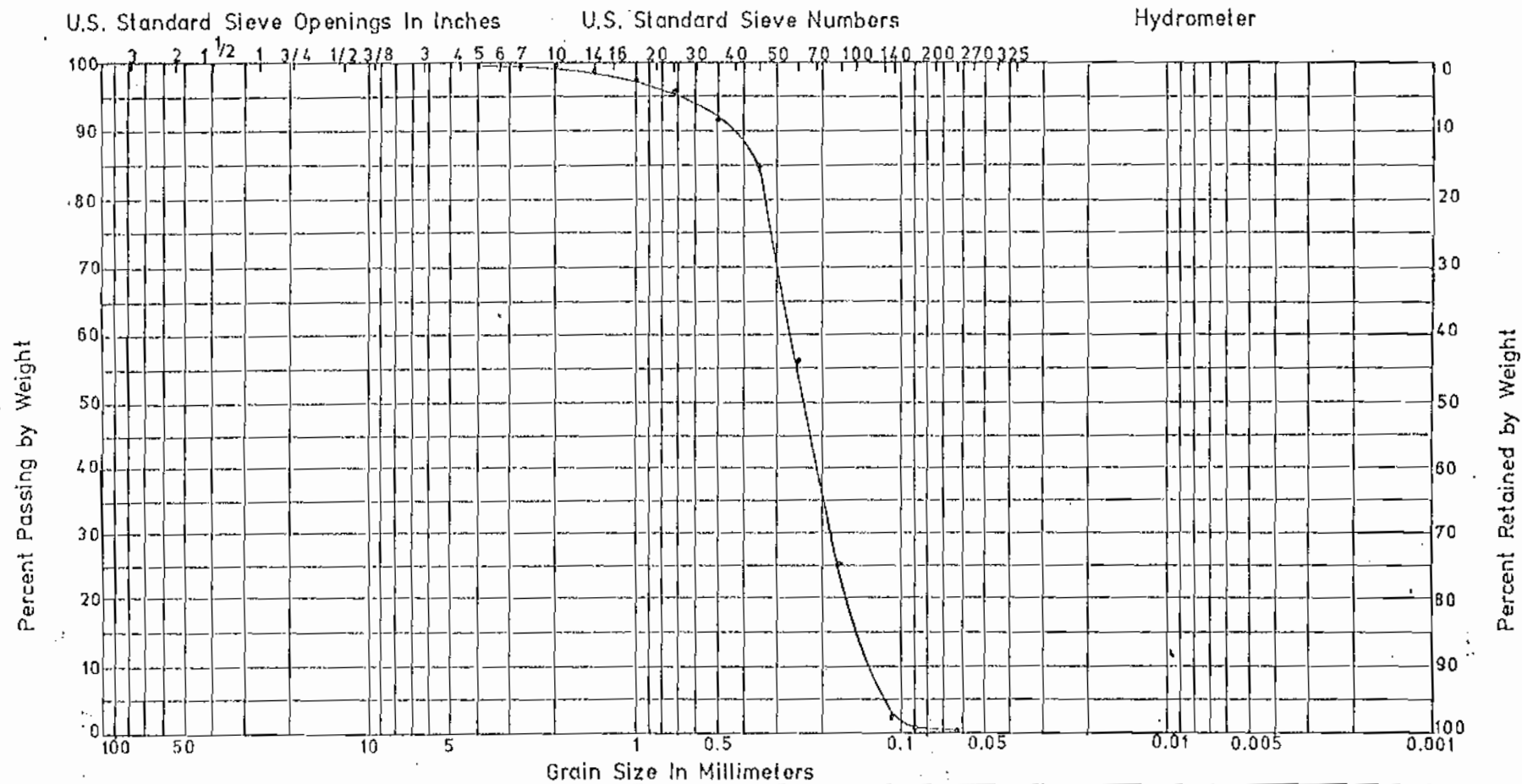
# MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
S	GREY POORLY GRADED SAND WITH
14'	TRACE SHELL. (SP)
	MEAN: .254MM MEDIAN: .24MM SORTING: .62.

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

# MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
5	GREY POORLY GRADED SAND
19'	WITH TRACES OF SHELL. (SP)
	MEAN: .242MM MEDIAN: .25MM SORTING: .57

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987