

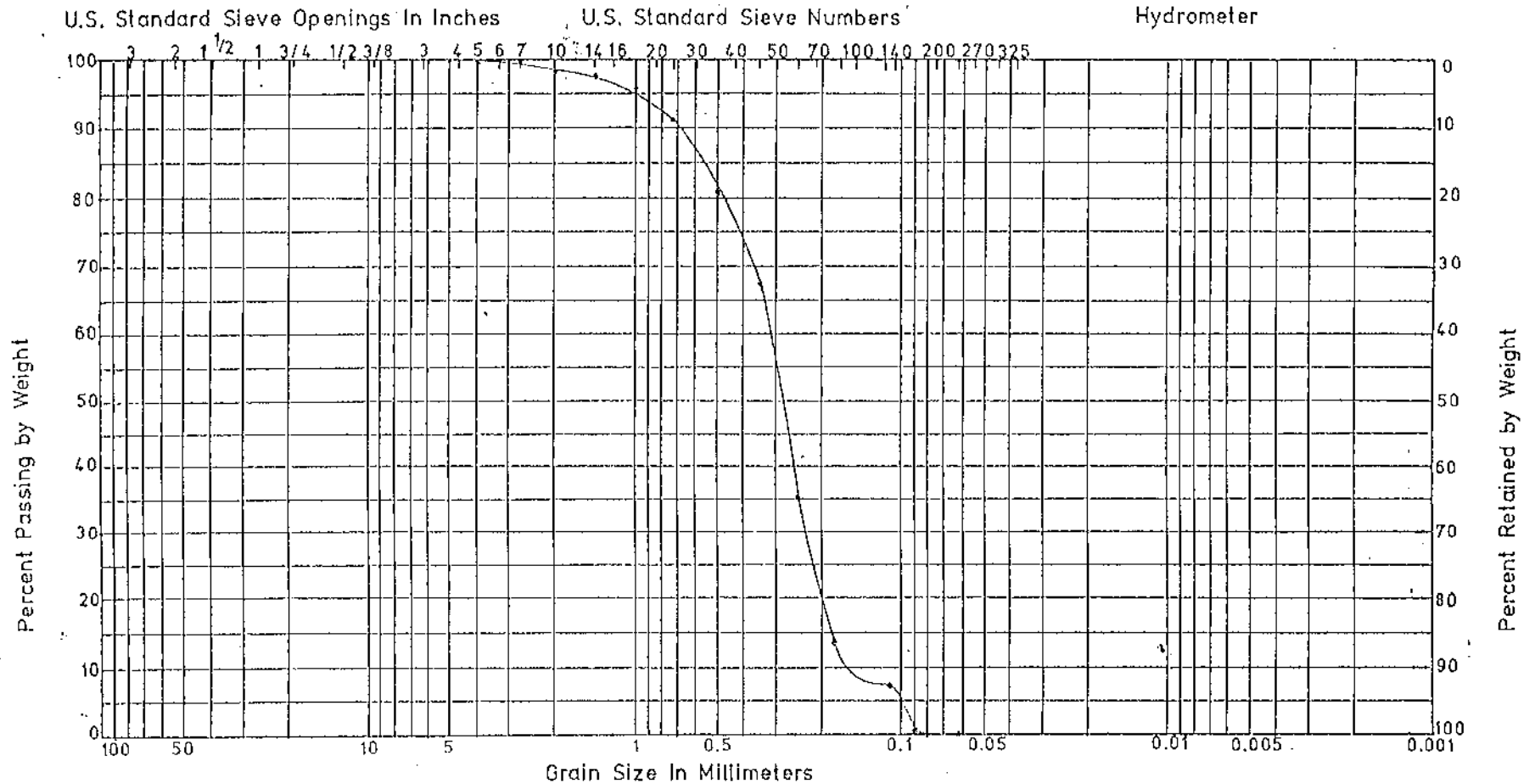
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT DELRAY BEACH SAND SEARCH		10. SIZE AND TYPE OF BIT 3.0"		
2. LOCATION (Coordinates or Station) X= 810595.43 Y= 768961.69		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD		
3. DRILLING AGENCY: EXMAR		12. MANUFACTURER'S DESIGNATION OF DRILL EXMAR		
4. HOLE NO. (As shown on drawing title and file number) DB-87-13		13. TOT NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0.0 undisturbed: 0.0		
5. NAME OF DRILLER M.L. CLARK		14. TOTAL NO. OF CORE BOXES 1		
6. DIRECTION OF HOLE VERTICAL		15. ELEVATION GROUND WATER		
7. THICKNESS OF BURDEN 0.0 FT		16. DATE HOLE Started Completed 7/17/87 1215		
8. DEPTH DRILLED INTO ROCK 0.0 FT		17. ELEVATION TOP OF HOLE -57 ft.		
9. TOTAL DEPTH OF HOLE 19.0' FT		18. TOTAL CORE RECOVERY FOR BORING 94%		
		19. SIGNATURE OF GEOLOGIST FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-57	0					SP
	1				1	Sample #1, Depth = 1.0' 0.30 mm, 0.82 phi sorting 0.10% silt
	2					
	3					
	4					
	5		SAND, fine grained, with small quantity of shell fragments, Gray (SP)		2	Sample #2, Depth = 5.0' 0.18 mm, 0.42 phi sorting 0.50% silt
	6					
	7					
	8					
	9					
	10					
-68.2	11		shell layer, (SP) from -68.2' to -68.4'		3	Sample #3, Depth = 12.0' 0.17 mm, 0.44 phi sorting 0.30% silt
	12		fine grained, small quantity of shell fragments, Gray (SP) from -68.4 to -71.2'			
	13					
-71.2	14		shell layer, (SP) from -71.2' to -71.4'			
	15		fine grained, with small quantity of shell fragments, Gray (SP) from -71.4' to -74.2'		4	Sample #4, Depth = 16.0' 0.22 mm, 0.52 phi sorting 0.10% silt
	16					
-74.2	17		shell layer (SP) from -74.2' to -74.4'			
	18		fine grained, with small quantity of shell fragments, Gray (SP) -74.4' to -74.8'			
-76	19		NO RECOVERY			
	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

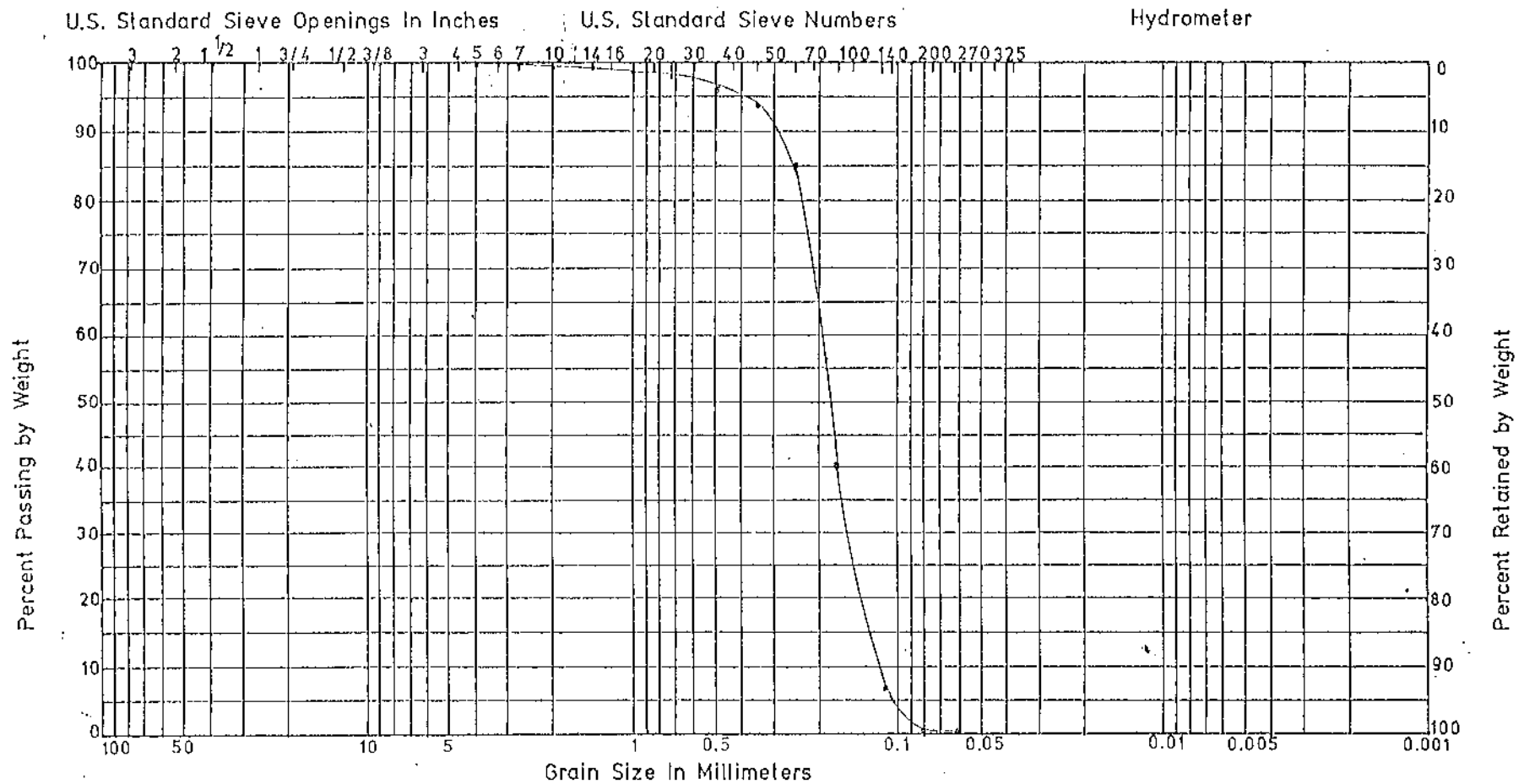


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
13	GREY POORLY GRADED SAND
1'	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MEAN: .302MM MEDIAN: .27MM SORTING: .82

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

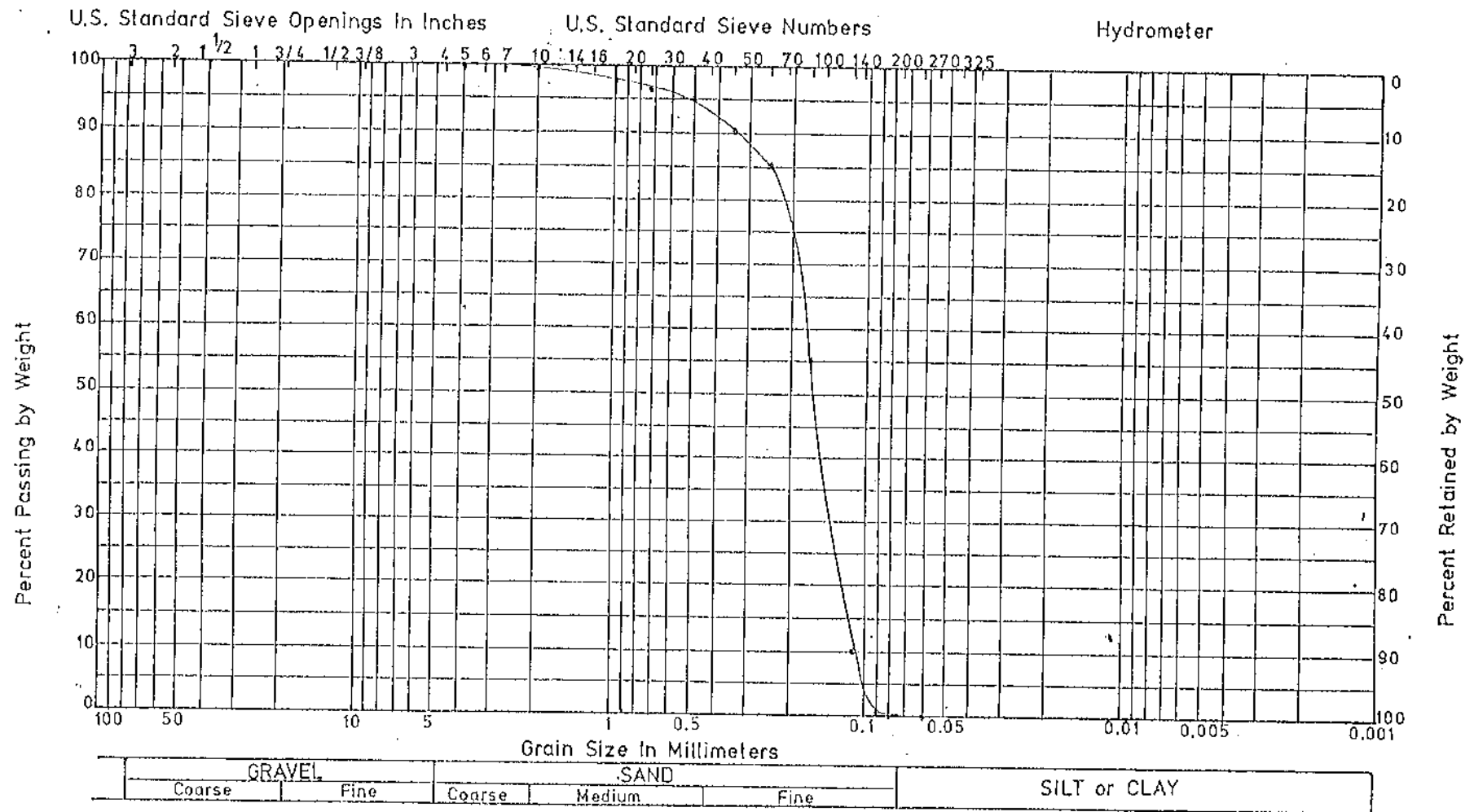
SAMPLE NO.	CLASSIFICATION
13	GREY POORLY GRADED SAND
5'	WITH TRACES OF SHELL FRAGMENTS. (SP)
	MEAN: .184MM MEDIAN: .10MM SORTING: .42

PROJECT:

DELRAY BEACH SAND SEARCH

DATE: JULY 1987

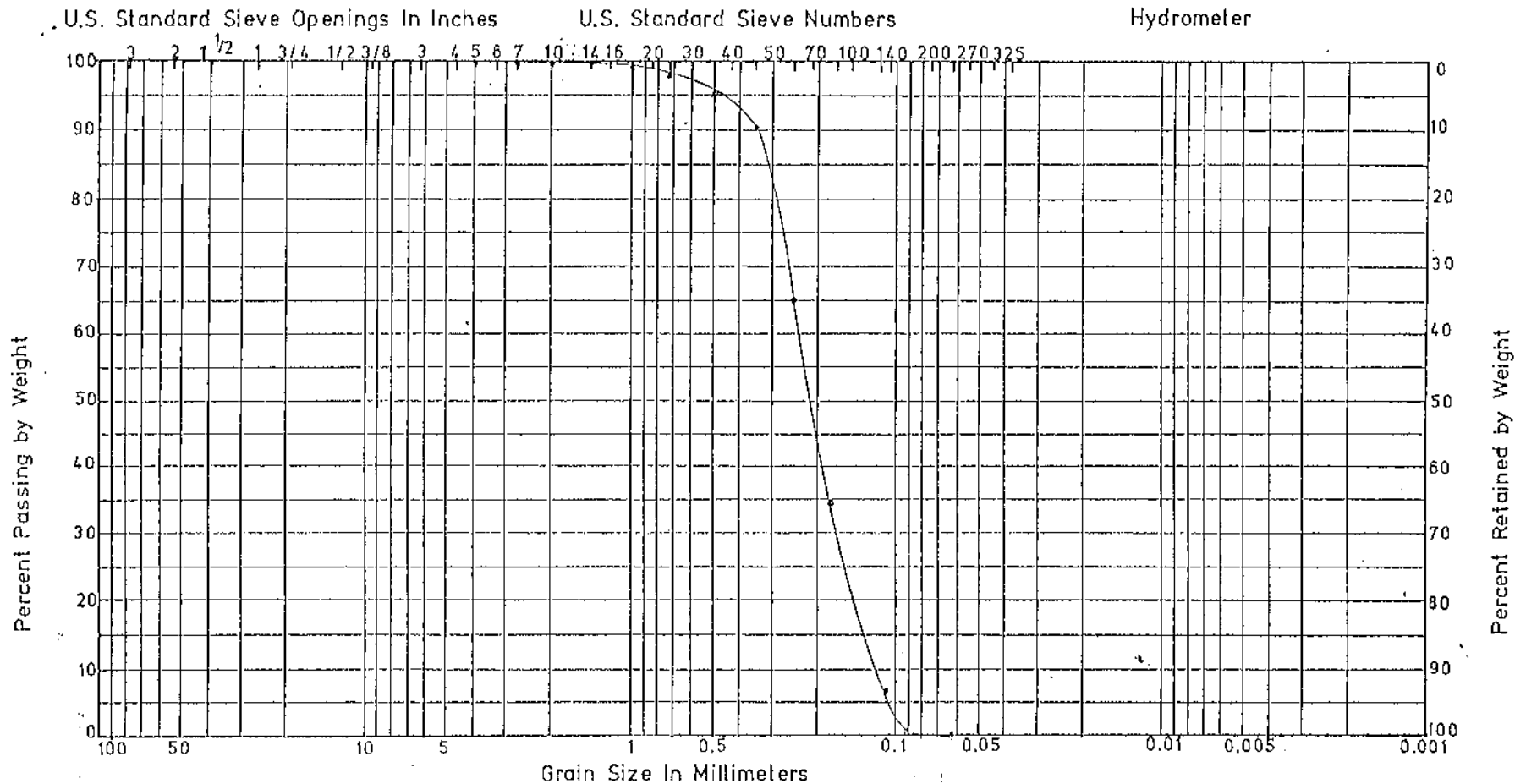
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
13	GREY POORLY GRADED SAND WITH
12'	TRACES OF SHELL FRAGMENTS.
	(SP)
	MEAN: .174MM MEDIAN: .174MM SORTING: .44

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
13	GREY POORLY GRADED SAND
16'	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MEAN: .218MM MEDIAN: .22MM SORTING: .82

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987