

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= 809789.49 Y= 769781.30		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-87-12		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 1100		
8. DEPTH DRILLED INTO ROCK 0.0 FT		17. ELEVATION TOP OF HOLE -34 ft.		
9. TOTAL DEPTH OF HOLE 20' FT		18. TOTAL CORE RECOVERY FOR BORING 99%		
		19. SIGNATURE OF GEOLOGIST FK, KB		

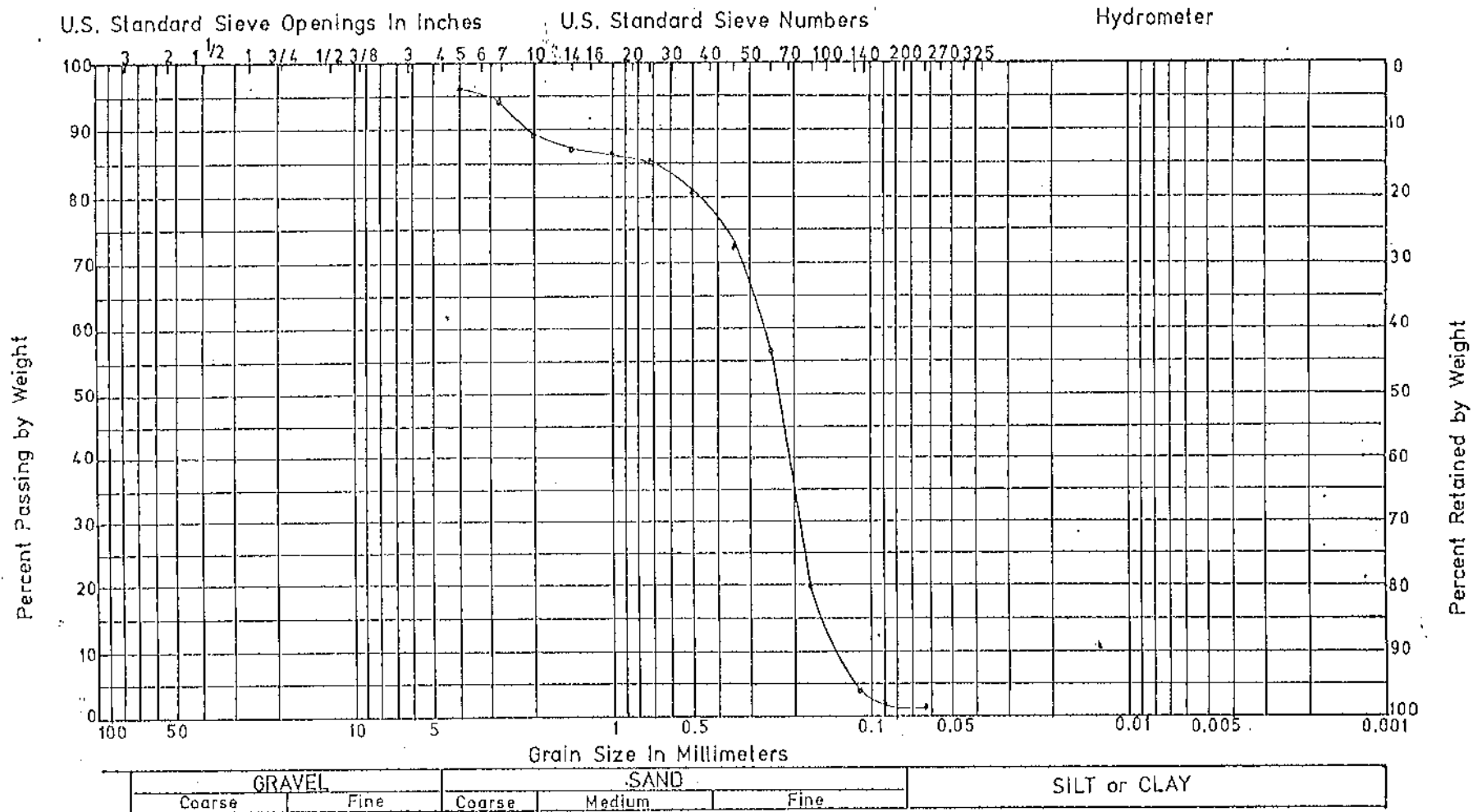
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-34	0		shell layer (SP) from -34.0' to -34.4'			SP
	1				1	Sample #1, Depth = 1.0' 0.30 mm, 1.0 phi sorting 1.5% silt
	2					
	3					
	4					
	5					
	6					
	7					
	8				2	Sample #2, Depth = 8.0' 0.26 mm, 0.41 phi sorting 0.50% silt
	9					
	10		SAND, fine grained, with small quantity scattered shell fragments, Gray (SP) from -50.0' to -53.7			
	11					
	12					
	13				3	Sample #3, Depth = 13.0' 0.29 mm, 0.88 phi sorting 0.30% silt
	14					
	15					
	16					
	17					
	18				4	Sample #4, Depth = 19.0' 0.25 mm, 0.48 phi sorting 0.20% silt
	19					
-53.7	20		NO RECOVERY			
-54	21		End of Boring			
	22		Note: Soils are classified in accordance with the Unified Soils Classification System.			
	23					
	24					

PROJECT: Delray Beach

HOLE NUMBER:

A

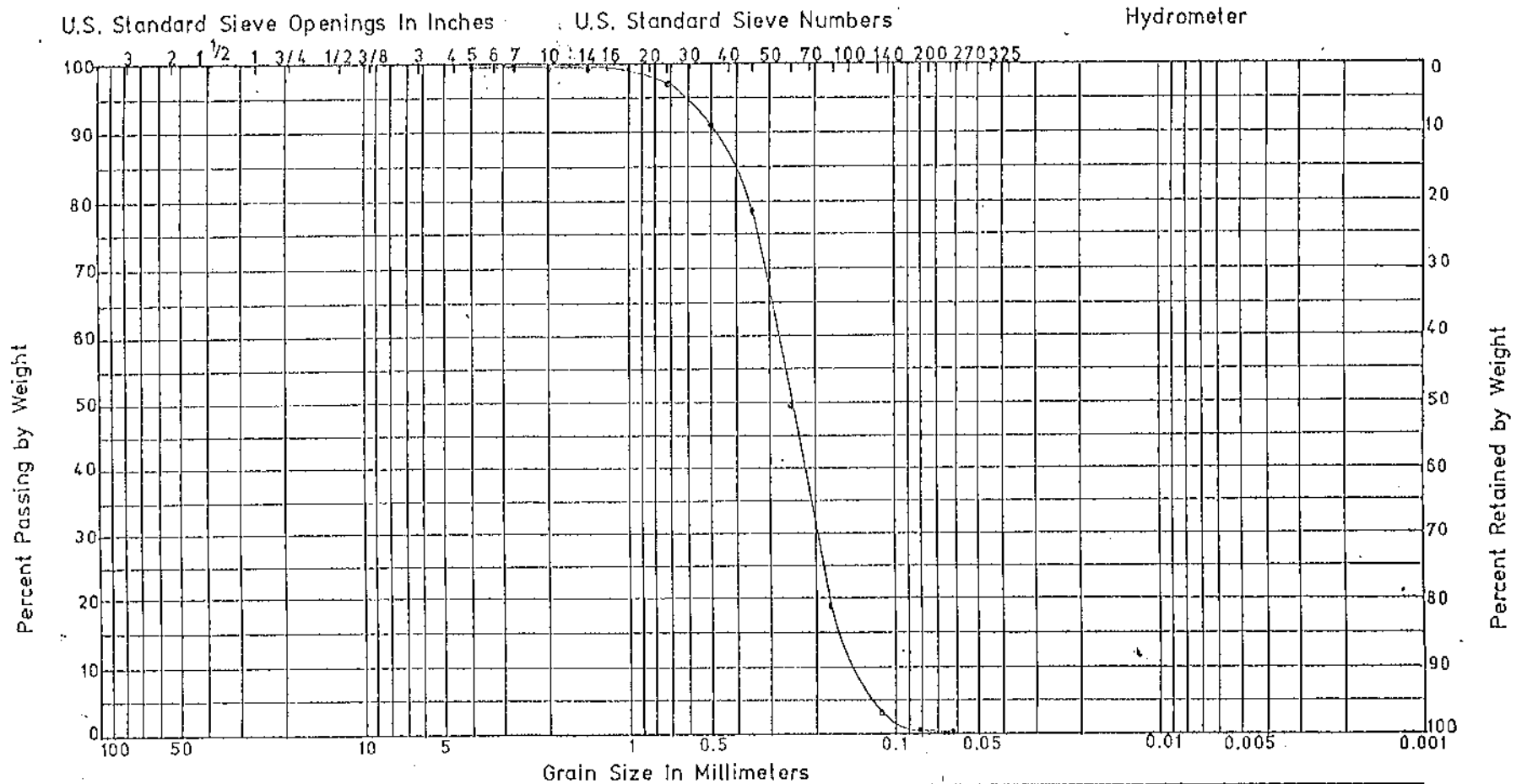
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
12	GREY POORLY GRADED SAND WITH
1'	SHELL AND SHELL FRAGMENTS. (SP)
	MEAN: .30MM MEDIAN: .24MM SORTING: 1.00

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART

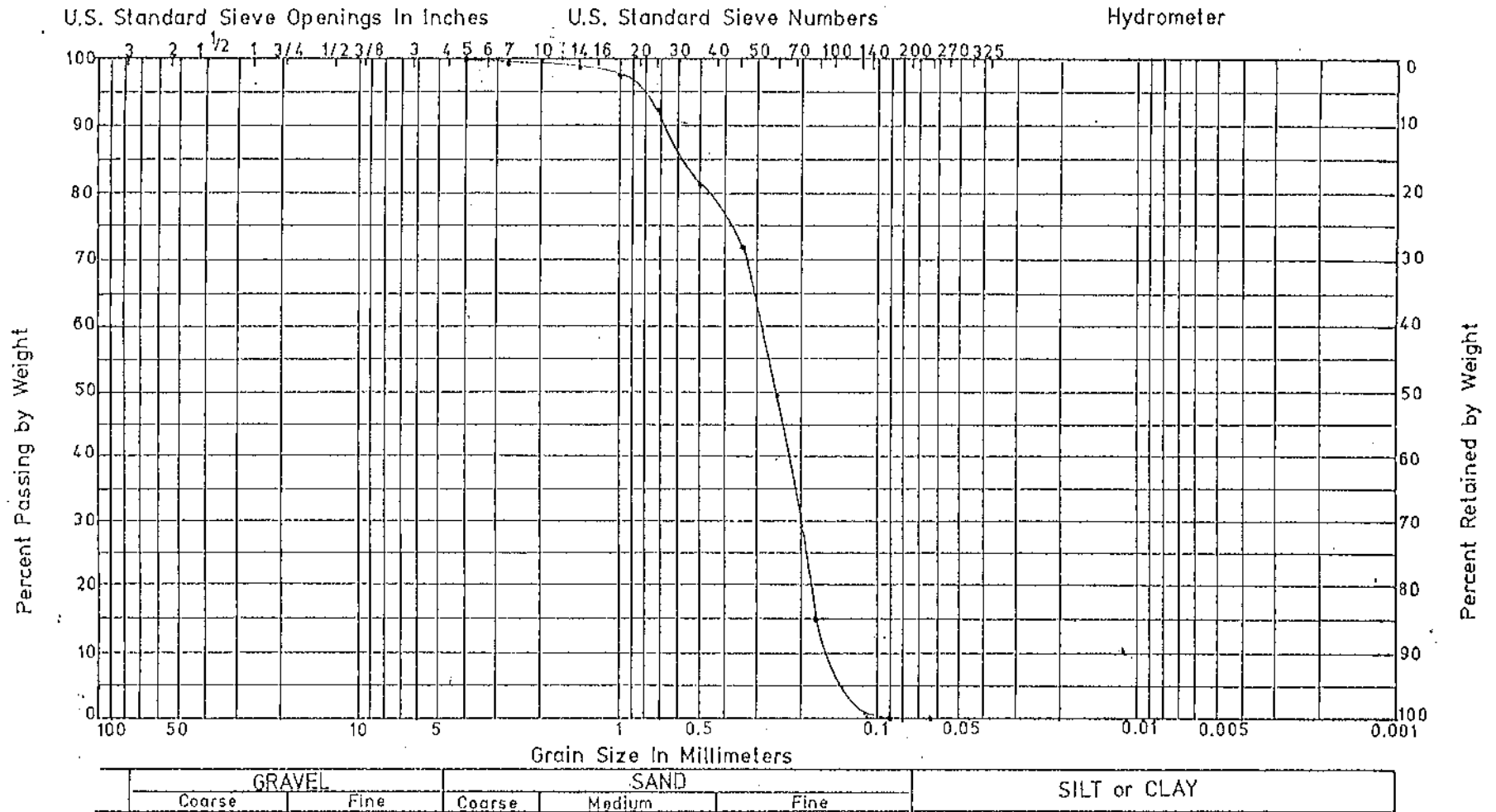


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
12	GREY POORLY GRADED SAND
8'	WITH TRACES OF SHELL FRAGMENTS.
	(SP)
	MEAN: 0.257MM MEDIAN: 0.25MM SORTING: 41

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DATE: JULY 1987

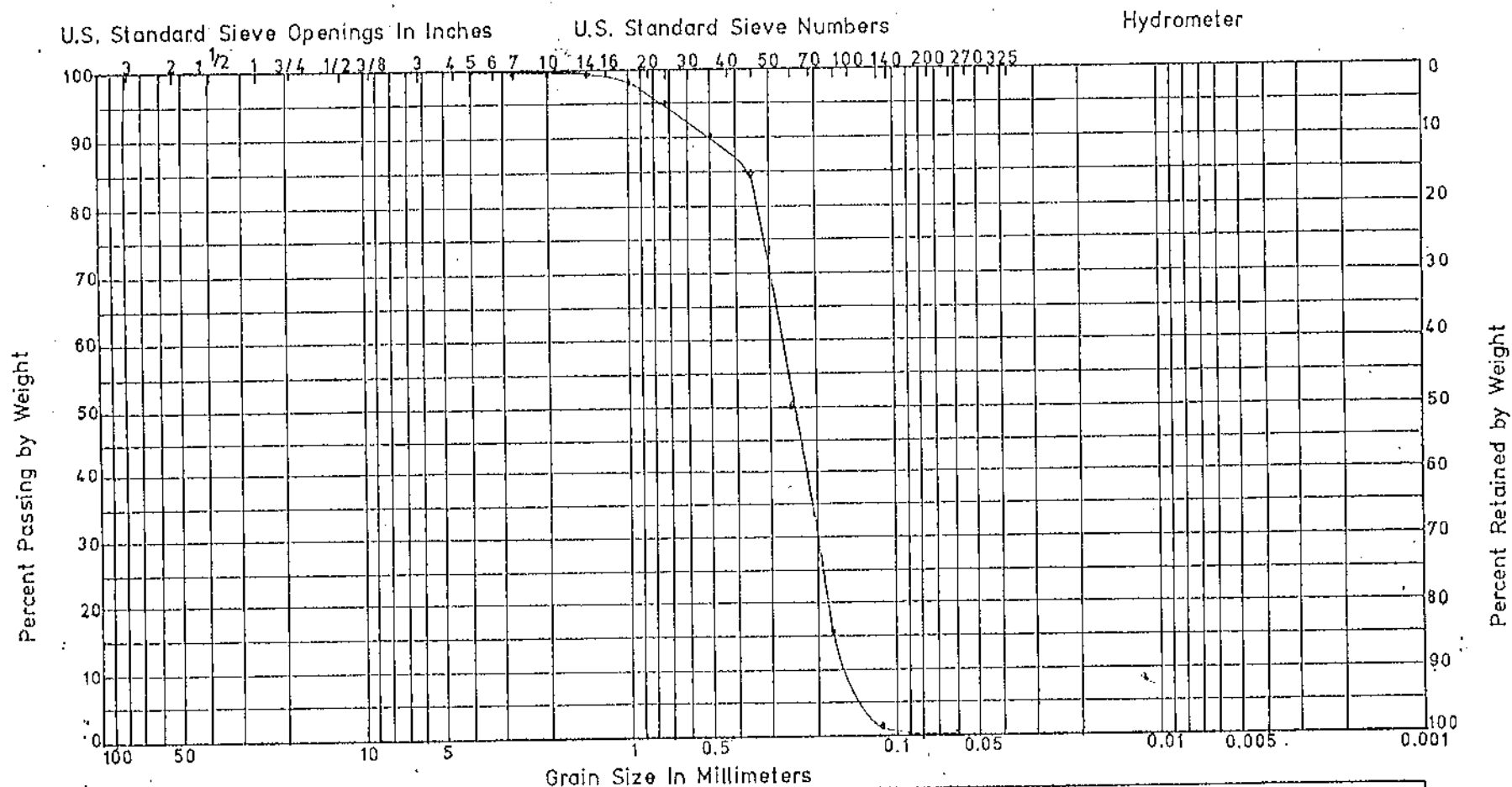
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
12	GREY POORLY GRADED SAND
13'	WITH A TRACE OF SHELL
	FRAGMENTS. (SP)
	MEAN: .291MM MEDIAN: .25MM SORTING: .88

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
12	GREY POORLY GRADED SAND
19'	WITH TRACES OF SHELL FRAGMENTS
	(SP)
	MEAN: .252mm MEDIAN: .25mm SORTING: 4.8

PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987