

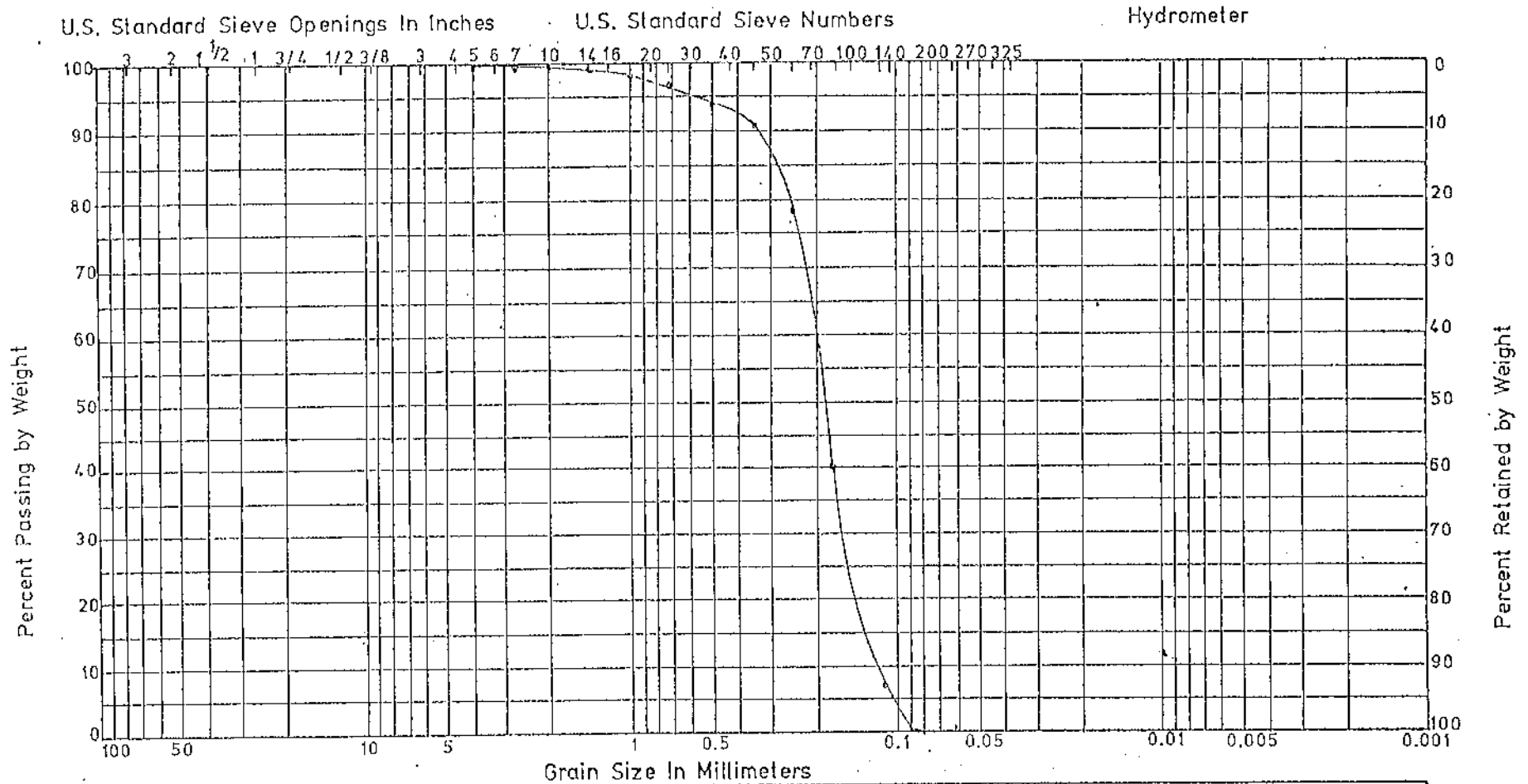
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION (Coordinates or Station)		10. SIZE AND TYPE OF BIT 3.0"		
X= 810208.65 Y=765948.97		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD		
3. DRILLING AGENCY: EXMAR		12. MANUFACTURER'S DESIGNATION OF DRILL EXMAR		
4. HOLE NO. (As shown on drawing title and file number) DB-87-17		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		
6. DIRECTION OF HOLE VERTICAL		15. ELEVATION GROUND WATER		
7. THICKNESS OF BURDEN 0.0 FT		16. DATE HOLE Started Completed 7/18/87 1145		
8. DEPTH DRILLED INTO ROCK 0.0 FT		17. ELEVATION TOP OF HOLE -56.0' ft.		
9. TOTAL DEPTH OF HOLE 16.0' FT		18. TOTAL CORE RECOVERY FOR BORING 85%		
		19. SIGNATURE OF GEOLOGIST FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-56	0					SP
	1				1	Sample #1, Depth = 2.0' 0.19 mm, 0.50 phi sorting 0.10% silt
	2					
	3					
	4					
	5				2	Sample #2, Depth = 6.0' 0.19 mm, 0.58 phi sorting 0.10% silt
	6					
	7		SAND, fine grained, with small quantity of shell fragments & rocks (<1"), Gray (SP)			
	8					
	9				3	Sample #3, Depth = 9.0' 0.19 mm, 0.37 phi sorting 0.10% silt
	10					
	11					
	12				4	Sample #4, Depth = 13.0' 0.17 mm, 0.31 phi sorting 0.10% silt
-69.6	13					
	14					
	15		NO RECOVERY			
-72	16					
	17		End of Boring			
	18					
	19					
	20					
	21					
	22		Note: Soils are classified in accordance with the Unified Soils Classification System.			
	23					
	24					

PROJECT: Delray Beach

HOLE NUMBER:

MECHANICAL ANALYSIS CHART

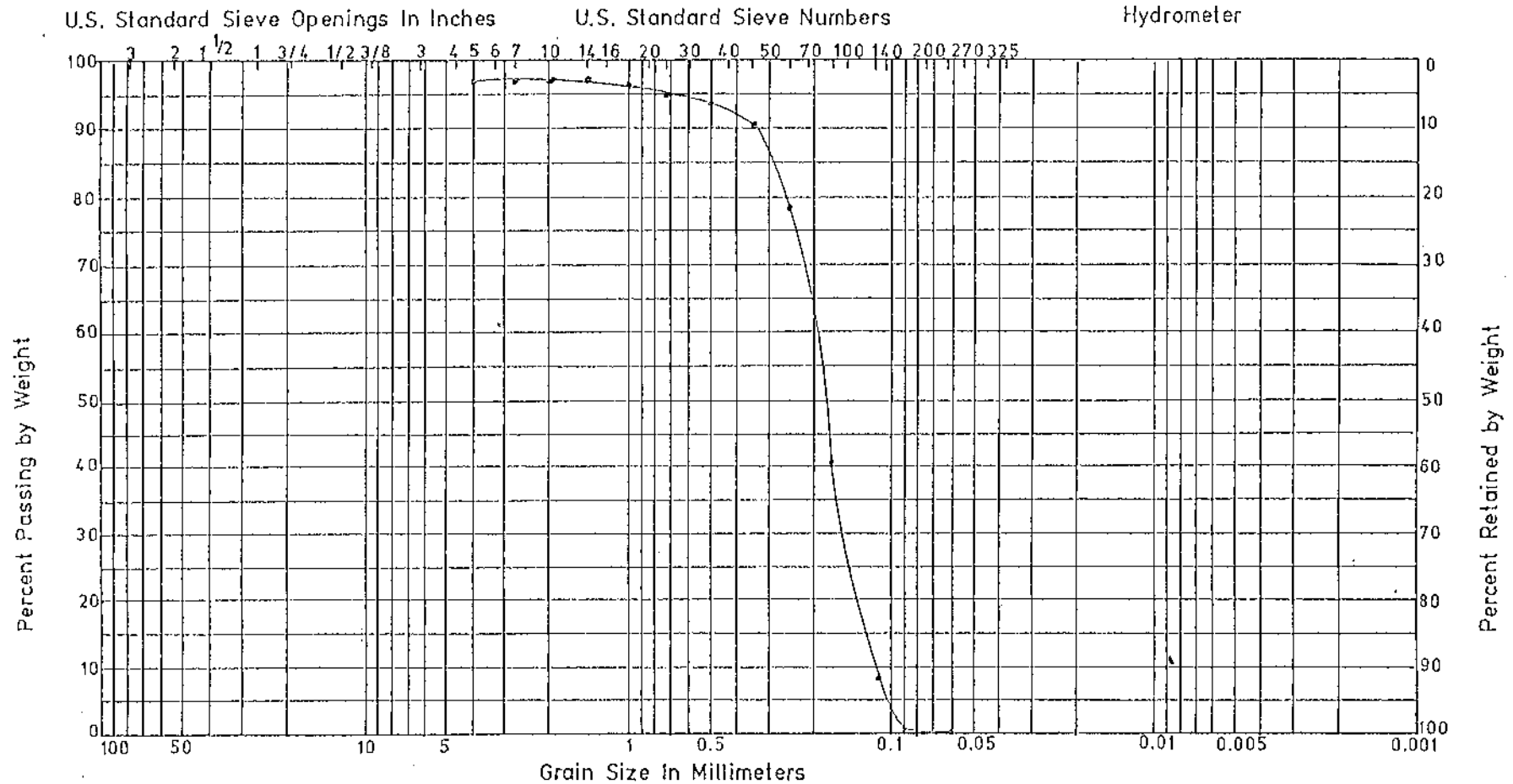


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
17	GREY POORLY GRADED SAND
2'	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MEAN: .19MM MEDIAN: .18MM SORTING: .50

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART

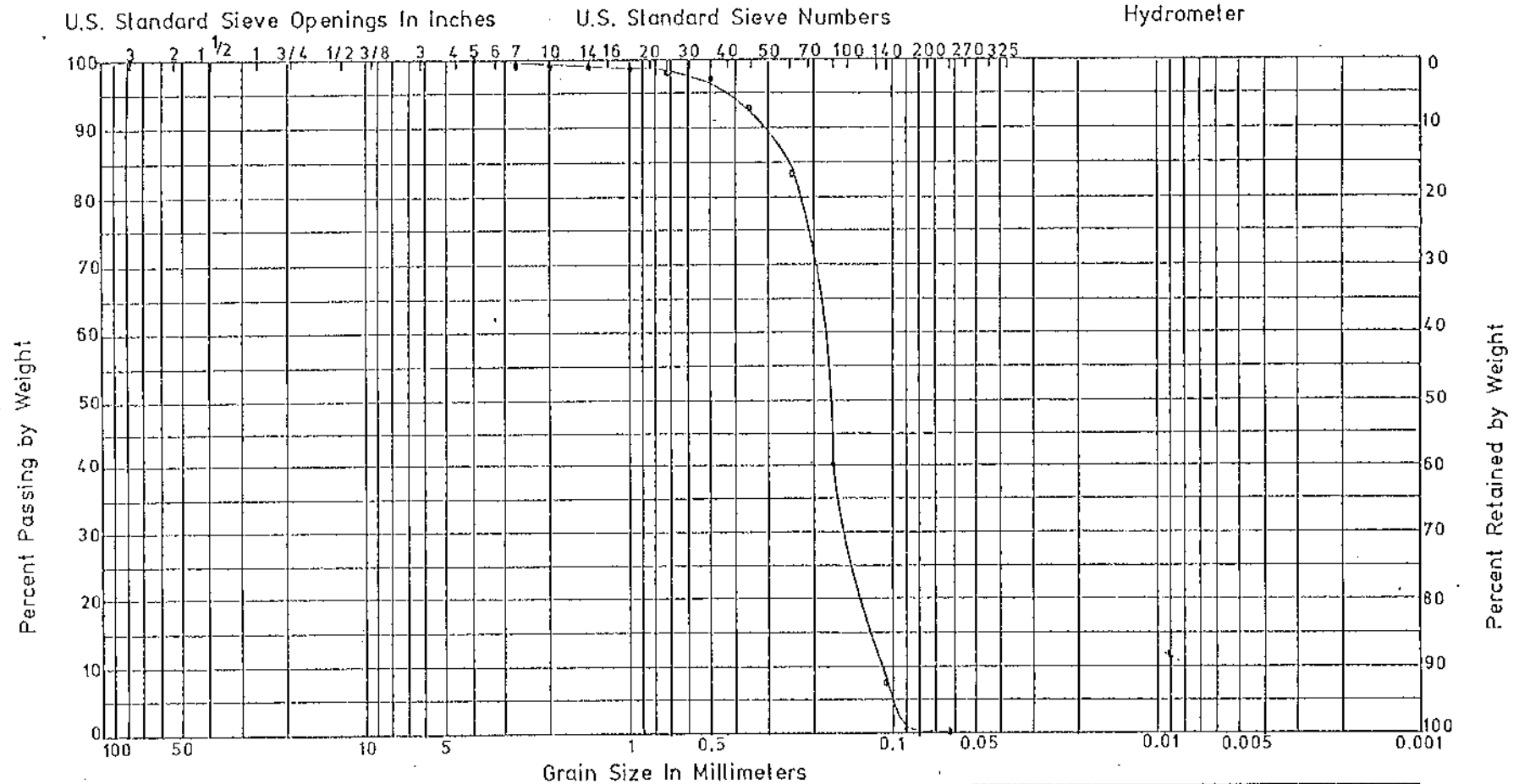


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
17	GREY POORLY GRADED SAND
6'	WITH TRACES OF CORAL
	AND SHELL FRAGMENTS. (SP)
	MEAN: .19MM MEDIAN: .18MM SORTING: .58

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART

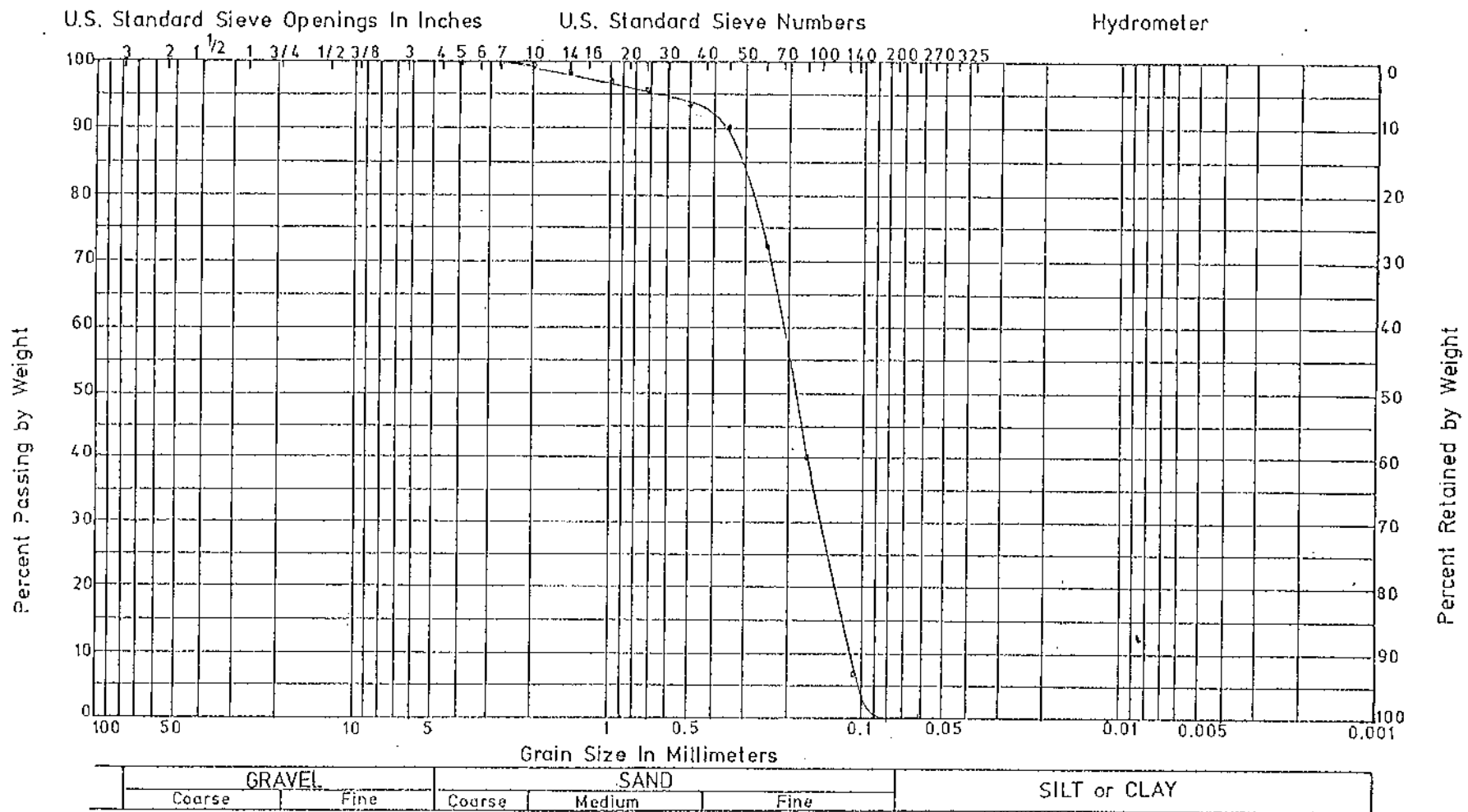


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
17	GREY POORLY GRADED SAND
91	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MEAN: .19MM MEDIAN: .19MM SORTING: .37

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
17	GREY POORLY GRADED SAND WITH
13'	TRACES OF SHELL FRAGMENTS.
	(SP)
	MEAN: .17MM MEDIAN: .18MM SORTING: 31

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987