

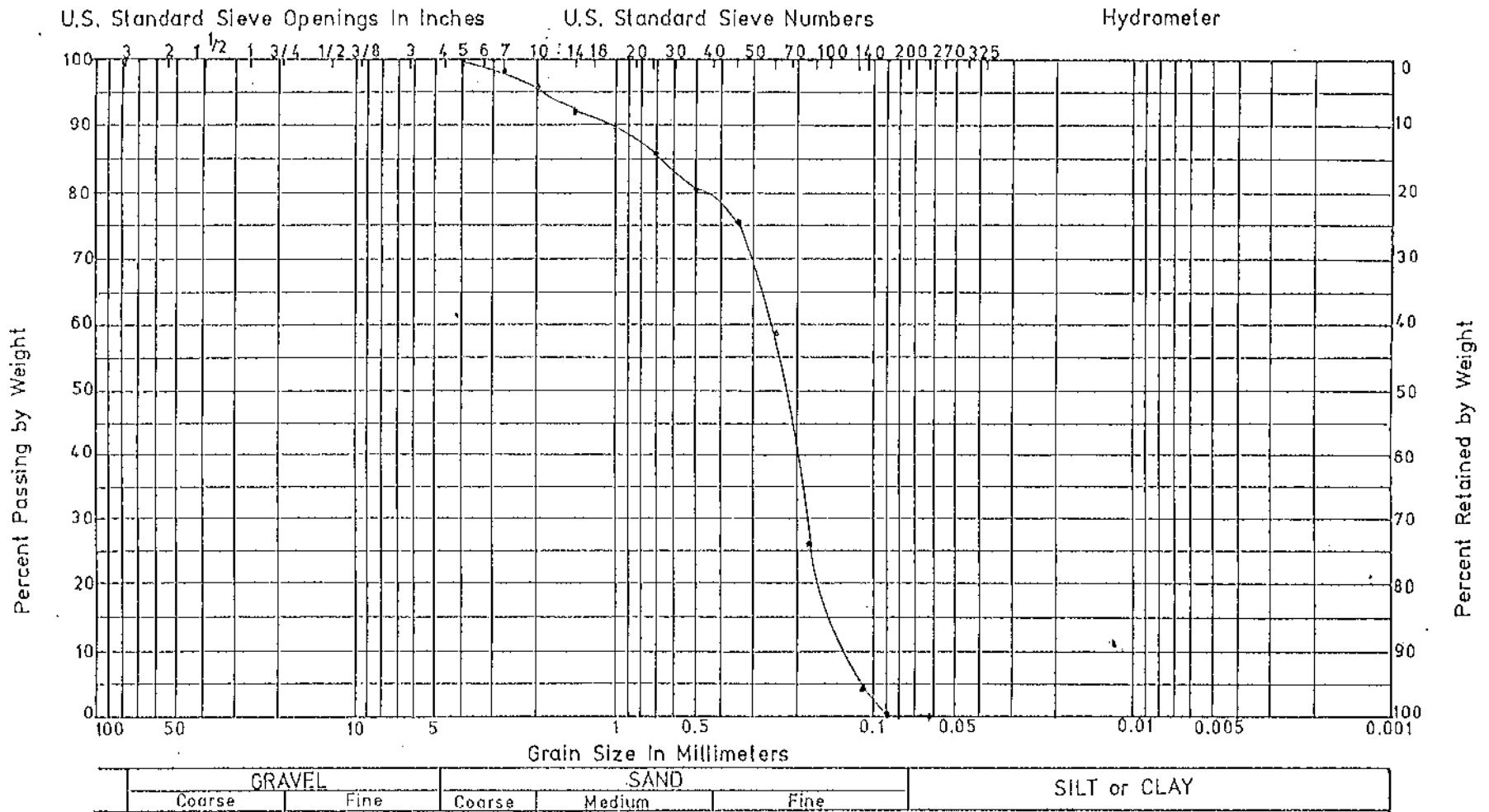
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION (Coordinates or Station) X= 810032.05 Y=768056.22		10. SIZE AND TYPE OF BIT 3.0"		
3. DRILLING AGENCY: EXMAR		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD		
4. HOLE NO. (As shown on drawing title and file number) DB-87-14		12. MANUFACTURER'S DESIGNATION OF DRILL EXMAR		
5. NAME OF DRILLER M.L. CLARK		12. TOT NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0.0 undisturbed: 0.0		
6. DIRECTION OF HOLE VERTICAL		14. TOTAL NO. OF CORE BOXES		
7. THICKNESS OF BURDEN 0.0 FT		15. ELEVATION GROUND WATER		
8. DEPTH DRILLED INTO ROCK 0.0 FT		16. DATE HOLE Started Completed 7/17/87 1315		
9. TOTAL DEPTH OF HOLE 18.0' FT		17. ELEVATION TOP OF HOLE -48.0' ±		
		18. TOTAL CORE RECOVERY FOR BORING 100%		
		19. SIGNATURE OF GEOLOGIST FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-48	0					
-48.5	1		shell layer (SP)		1	SP Sample #1, Depth = 1.0' 0.28 mm, 1.09 phi sorting 0.1% silt
	2					
	3					
	4					
	5				2	Sample #2, Depth = 5.0' 0.28 mm, 0.61 phi sorting 0.10% silt
	6					
	7					
	8					
	9		SAND, fine grained, with scattered shell fragments, Gray (SP) from -48.5' to -66.0'		3	Sample #3, Depth = 10.0' 0.22 mm, 0.57 phi sorting 1.0% silt
	10					
	11					
	12					
	13					
	14					
	15				4	Sample #4, Depth = 16.0' 0.28 mm, 0.69 phi sorting 0.60% silt
	16					
	17					
-66	18		End of Boring			
	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



SAMPLE NO.	CLASSIFICATION
14 1'	GREY POORLY GRADED SAND WITH TRACES OF SHELL FRAGMENTS. (SP) MEAN: .283MM MEDIAN: .22MM SORTING: 1.09

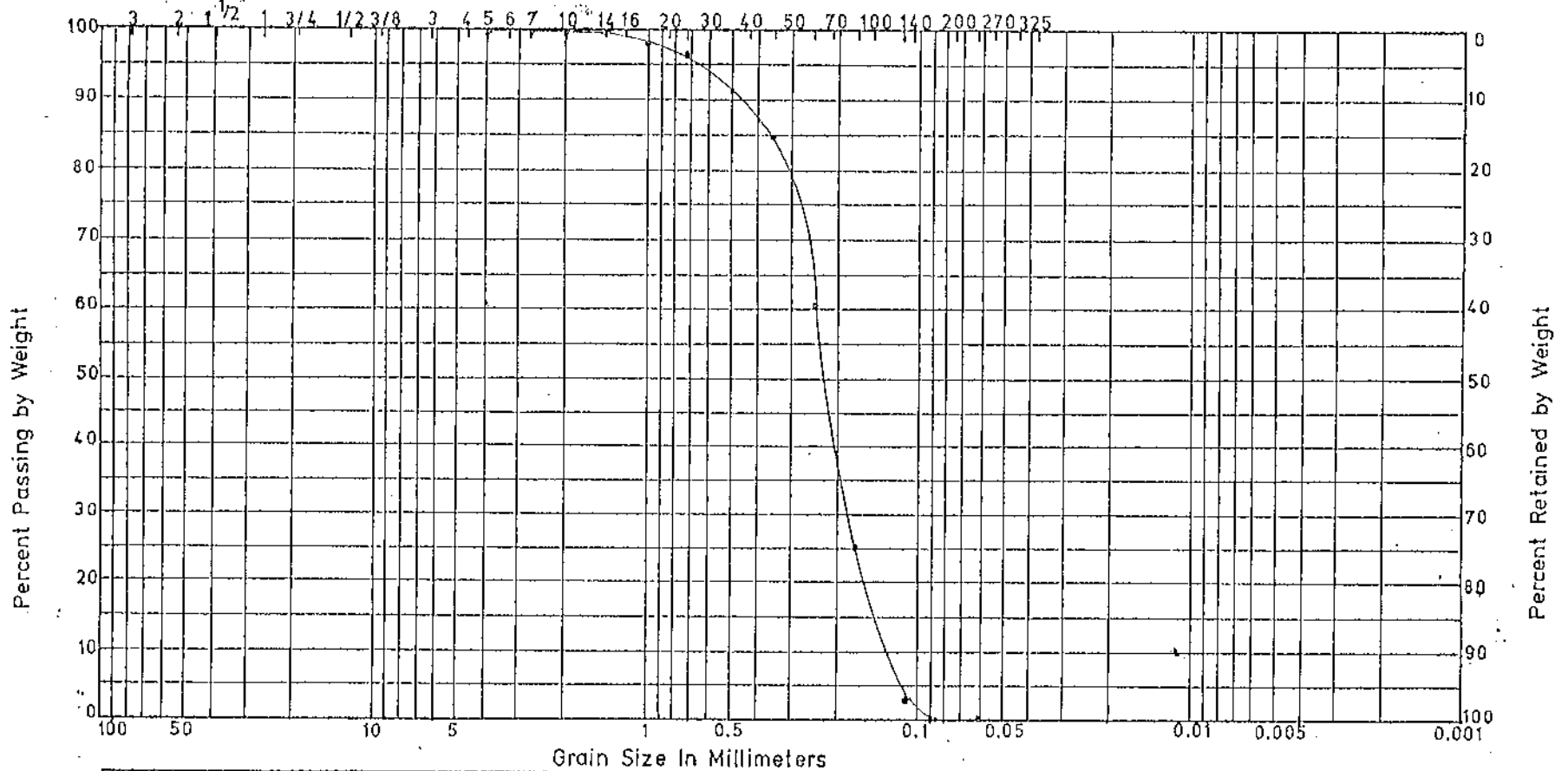
PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987

MECHANICAL ANALYSIS CHART

U.S. Standard Sieve Openings In Inches

U.S. Standard Sieve Numbers

Hydrometer



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

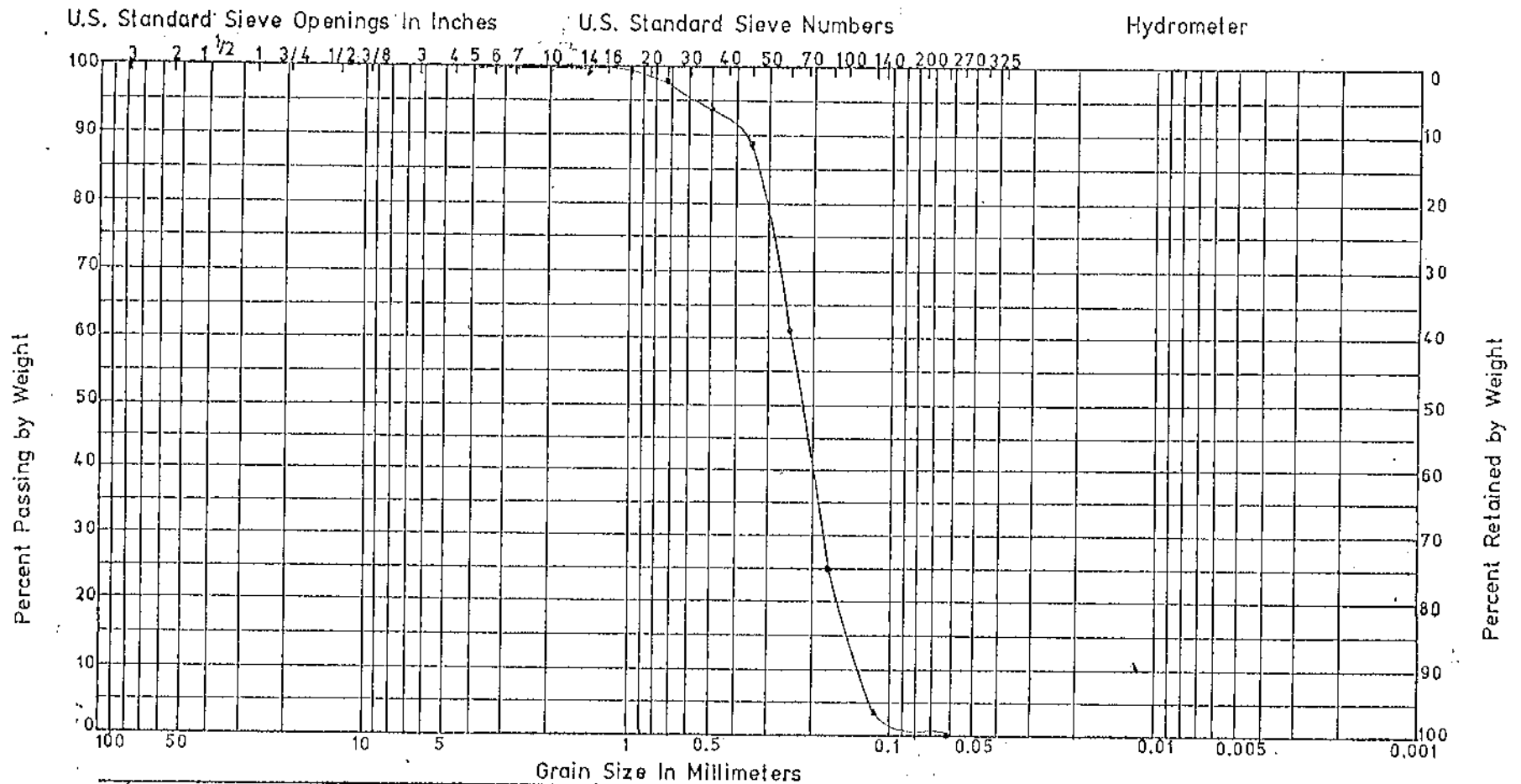
SAMPLE NO.	CLASSIFICATION
14	GREY POORLY GRADED SAND
5'	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MEAN: .227MM MEDIAN: .22MM SORTING: .61

PROJECT:

DELRAY BEACH SAND SEARCH

DATE: JULY 1987

MECHANICAL ANALYSIS CHART

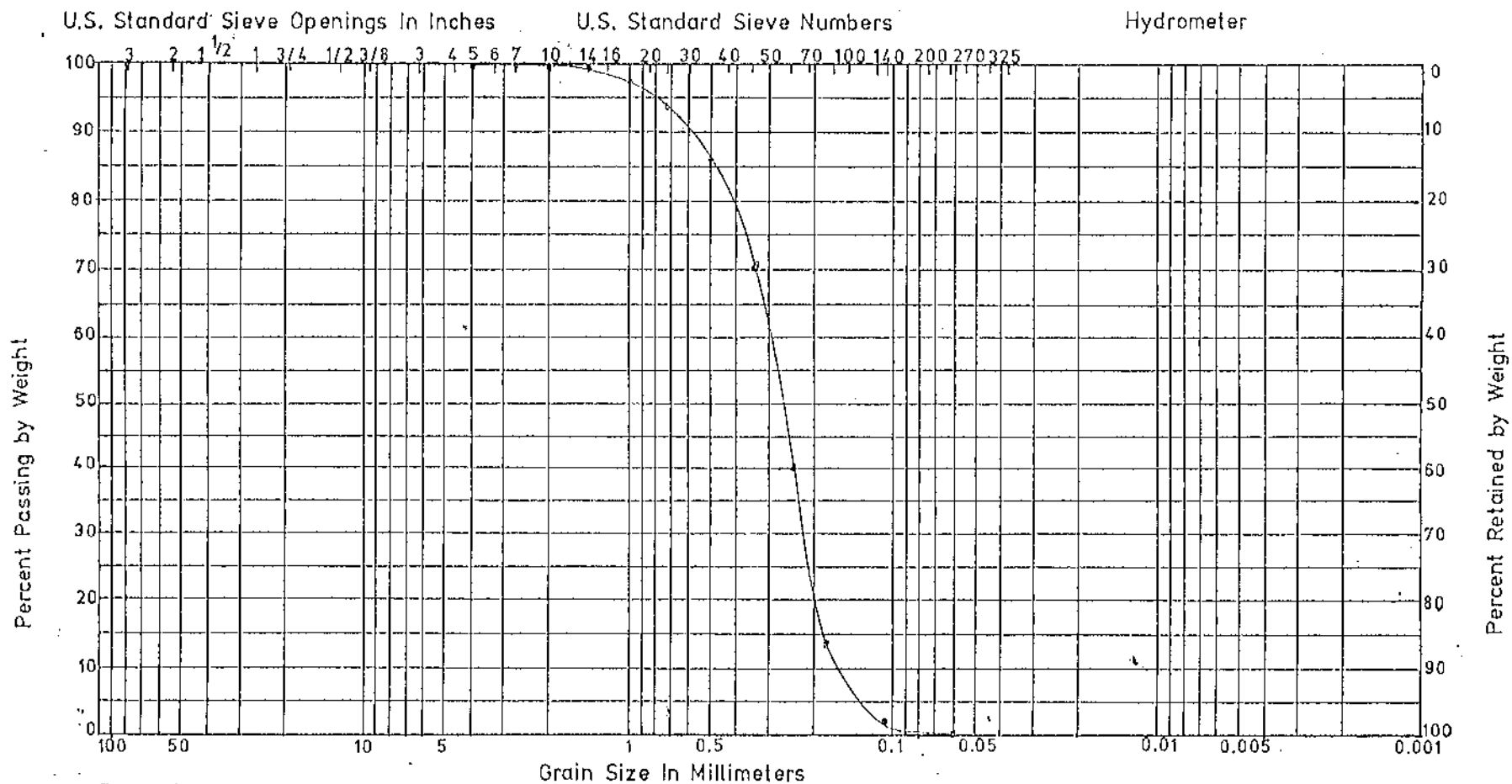


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
14	GREY POORLY GRADED SAND
10	WITH TRACES OF SHELL FRAGMENTS
	(SP)
	MEAN: .219MM MEDIAN: .21MM SORTING: .57

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
14	GREY POORLY GRADED SAND
16	WITH TRACES OF SHELL
	FRAGMENTS. (SP)
	MEAN: .281MM MEDIAN: .26MM SORTING: .69

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987