

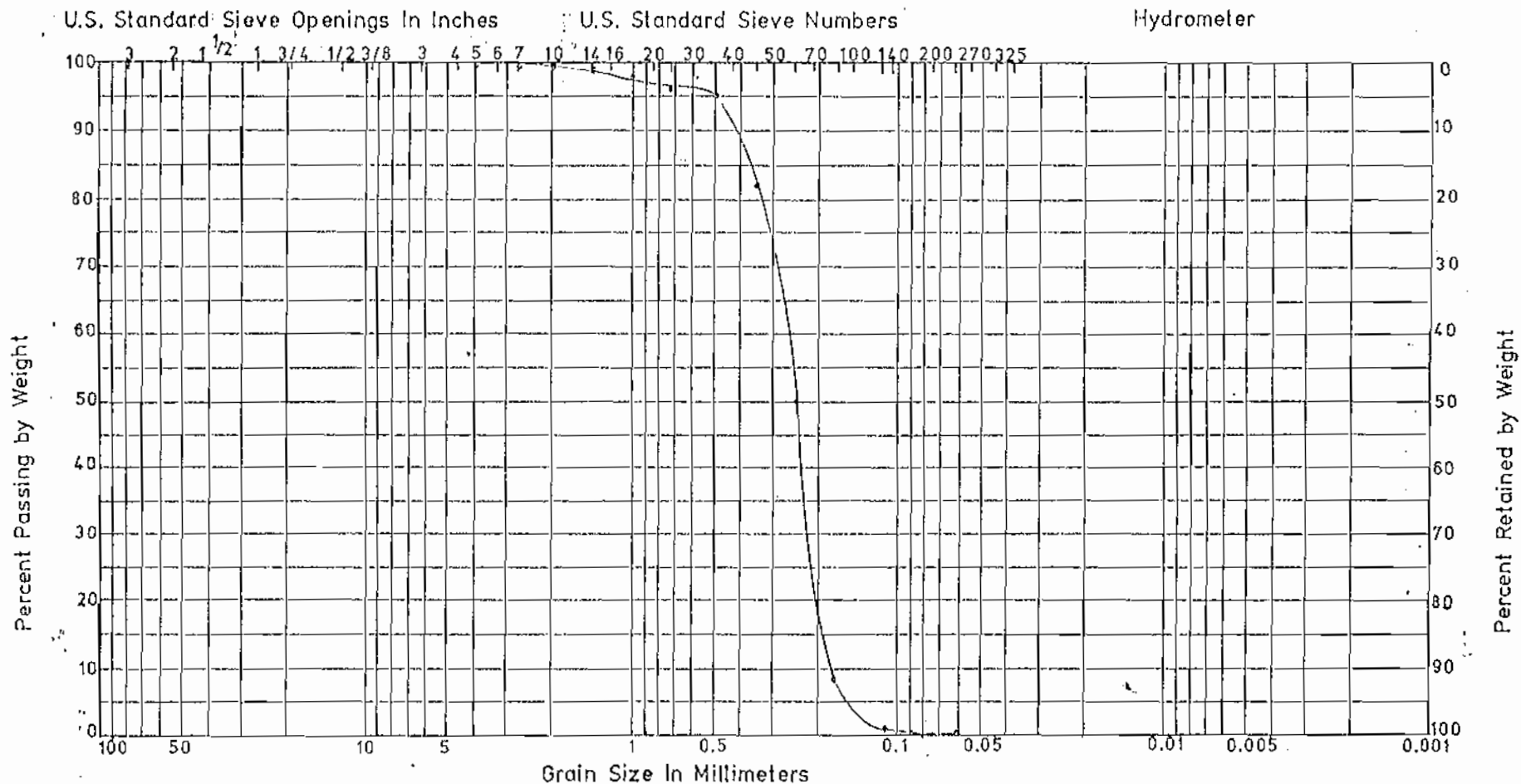
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		DELRAY BEACH SAND SEARCH		
2. LOCATION (Coordinates or Station)		X= 812081.61 Y=777926.64		
3. DRILLING AGENCY:		EXMAR		
4. HOLE NO. (As shown on drawing title and file number)		DB-87-3B		
5. NAME OF DRILLER		M.L. CLARK		
6. DIRECTION OF HOLE		VERTICAL		
7. THICKNESS OF BURDEN		0.0 FT		
8. DEPTH DRILLED INTO ROCK		0.0 FT		
9. TOTAL DEPTH OF HOLE		20' FT		
10. SIZE AND TYPE OF BIT		3.0"		
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		NGVD		
12. MANUFACTURER'S DESIGNATION OF DRILL		EXMAR		
13. TOT NO. OF OVERBURDEN SAMPLES TAKEN		disturbed: 0.0 undisturbed: 0.0		
14. TOTAL NO. OF CORE BOXES		1		
15. ELEVATION GROUND WATER				
16. DATE HOLE		Started	Completed	
		7/16/87	1215	
17. ELEVATION TOP OF HOLE		-61.0 ft.		
18. TOTAL CORE RECOVERY FOR BORING		70%		
19. SIGNATURE OF GEOLOGIST		FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-61	0					SP
	1		SAND, fine grained, small quantity of shell fragments, Gray (SP)		1	Sample #1, Depth = 1.5' 0.18 mm, 0.78 phi sorting 0.20% silt
-64.2	3					
	4				2	Sample #2, Depth = 6.0' 0.25 mm, 0.45 phi sorting 20% silt
	5					
	6		fine grained, with small shell and coral fragments, (<1.0"), Silt content increase with depth, Gray (SP) from -64.2 to -71.1'			
	7				3	Sample #3, Depth = 9.0' 0.19 mm, 0.50 phi sorting 20% silt
	8					
	9					
-71.1	10					
	11					
	12		fine grained, with silt of shell & coral fragments, (<2.0"), Silt content increase with depth, Tan/Gray (SP), from -71.1' to -75.0'		4	Sample #4, Depth= 13.0' 0.43 mm, 2.89 phi sorting 7.0% silt
	13					
-75	14					
	15					
	16					
	17		NO RECOVERY			
	18					
	19					
-81	20					
	21		End of Boring			
	22					
	23					
	24					

PROJECT: Delray Beach

HOLE NUMBER:

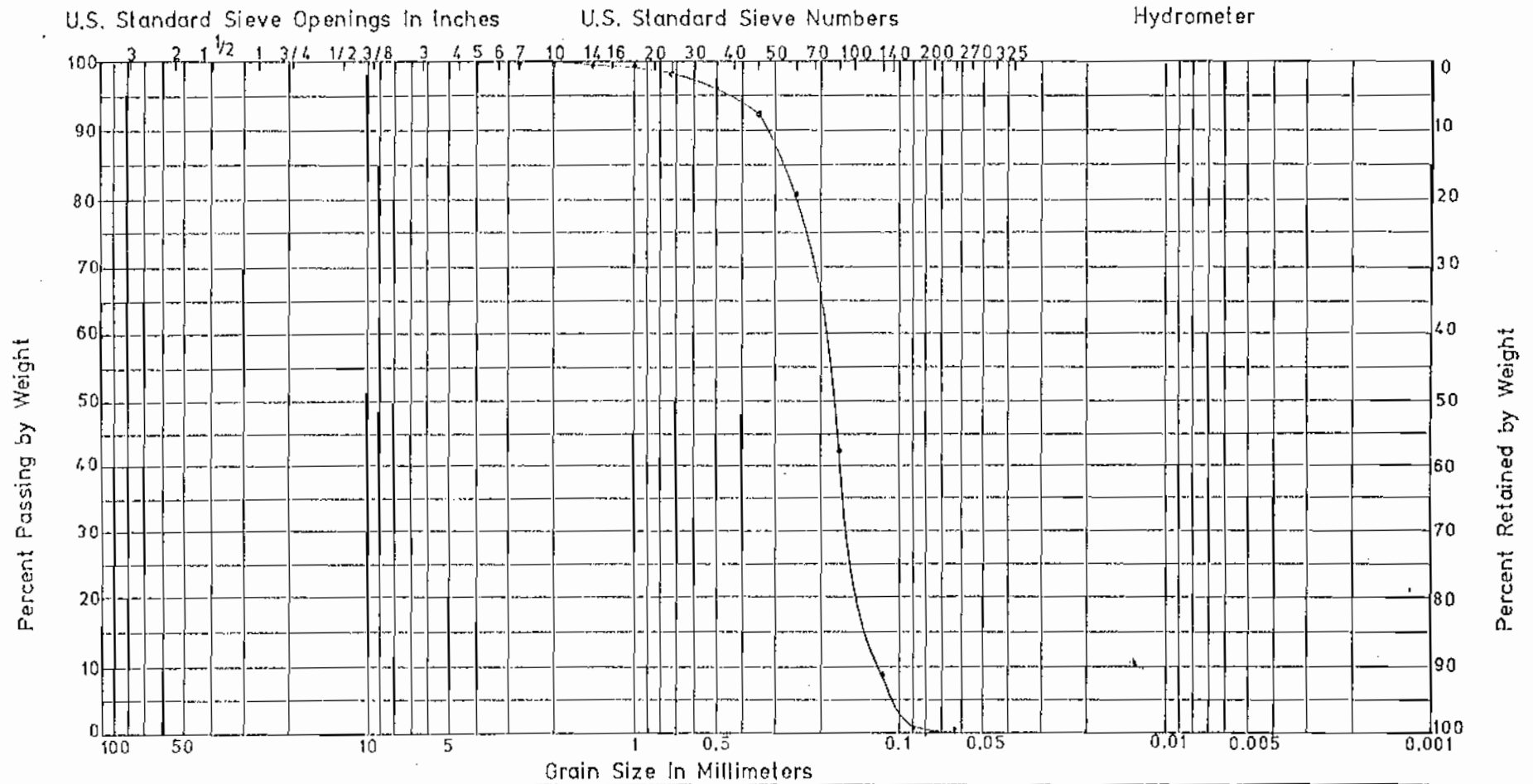
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
3B	GREY POORLY GRADED SAND WITH
6'	A SMALL QTY OF SHELL AND CORAL
	FRAGMENTS. (SP)
	MEAN: .254MM MEDIAN: .22MM SORTING: .45

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART

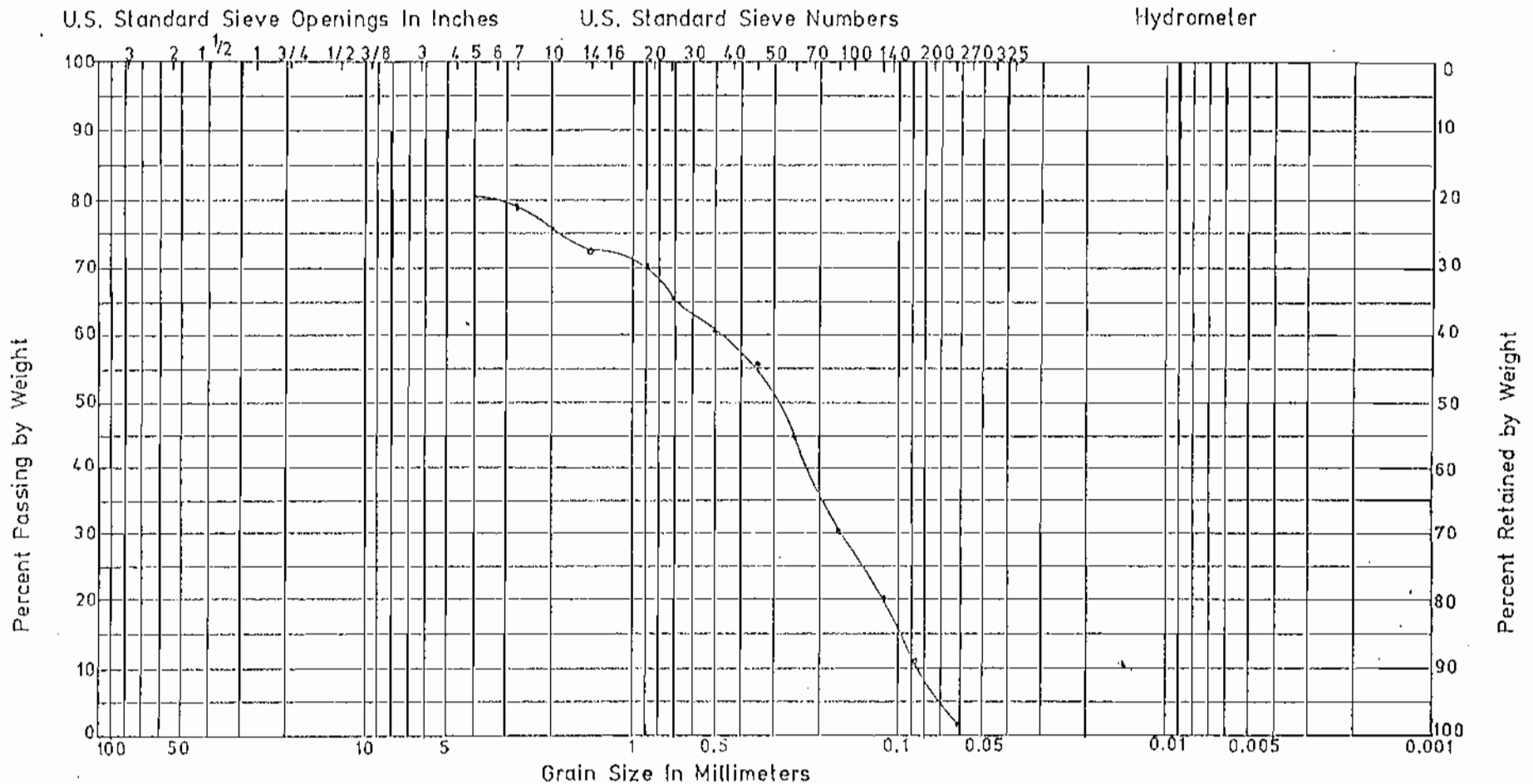


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
3B	GREY POORLY GRADED SAND WITH A SMALL QTY OF SHELL AND CORAL FRAGMENTS. (SP)
9'	
	MEAN: .192MM 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
3B	POORLY GRADED MIXTURE OF
13'	CORAL GRAVEL, SILTY SAND, AND
	SHELL FRAGMENTS. (GP-GM)
	MEAN: .429 mm MEDIAN: .28 mm SORTING: 2.89

PROJECT:	
DELRAY BEACH SAND SEARCH	
DATE:	JULY 1987