

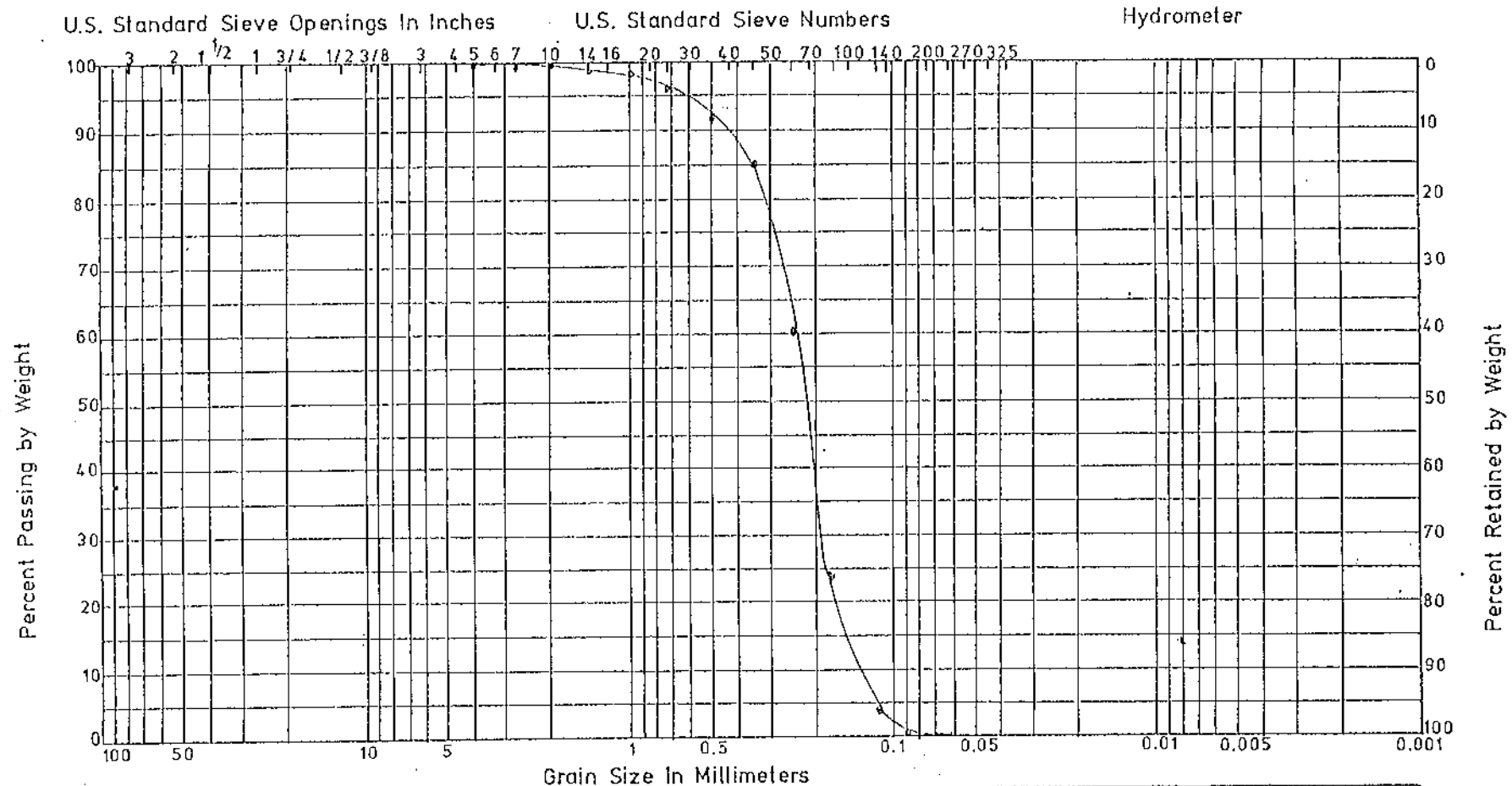
DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT DELRAY BEACH SAND SEARCH		10. SIZE AND TYPE OF BIT 3.0"		
2. LOCATION (Coordinates or Station) X= 809891.62 Y=764325.010		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD		
3. DRILLING AGENCY: EXMAR		12. MANUFACTURER'S DESIGNATION OF DRILL EXMAR		
4. HOLE NO. (As shown on drawing title and file number) DB-87-19		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 7/18/87 Completed 1500		
8. DEPTH DRILLED INTO ROCK 0.0 FT		17. ELEVATION TOP OF HOLE -57.0 ft.		
9. TOTAL DEPTH OF HOLE 17.0 FT		18. TOTAL CORE RECOVERY FOR BORING 91%		
		19. SIGNATURE OF GEOLOGIST FK, KB		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-57	0		SAND, fine grained, Gray (SP)			SP
-58	1		shell layer, (SP) from -58.0' to -58.2'		1	Sample #1, Depth = 1.0' 0.24 mm, 0.50 phi sorting 0.80% silt
	2					
	3					
	4					
	5		fine grained, with scattered shell fragments. Gray (SP) from -58.2' to -66.0'		2	Sample #2, Depth = 4.0' 0.24 mm, 0.79 phi sorting 1.0% silt
	6					
	7					
	8					
-66	9		shell layer, (SP) from -66.0' to -66.2'		3	Sample #3, Depth = 9.0' 0.24 mm, 0.57 phi sorting 1.0% silt
	10					
	11					
	12		fine grained, with scattered shell fragments, Gray (SP) from -66.2' to -72.5'		4	Sample #4, Depth = 13.5' 0.19 mm, 0.53 phi sorting 0.30% silt
	13					
	14					
-72.5	15					
	16		NO RECOVERY			
-74	17		End of Boring			
	18					
	19					
	20					
	21					
	22		Note: Soils are classified in accordance with the Unified Soils Classification System.			
	23					
	24					

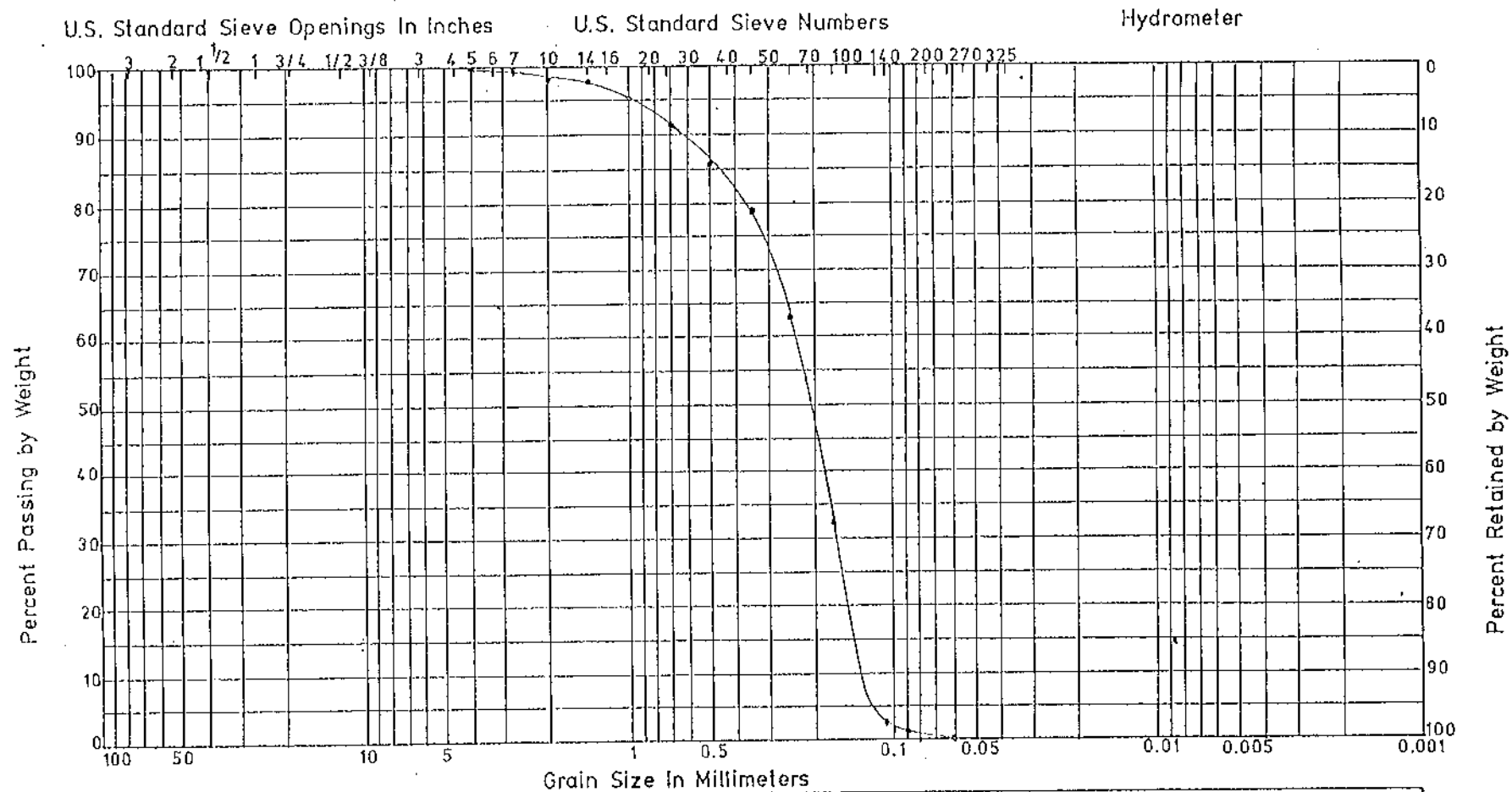
PROJECT: Delray Beach

HOLE NUMBER:

MECHANICAL ANALYSIS CHART



MECHANICAL ANALYSIS CHART

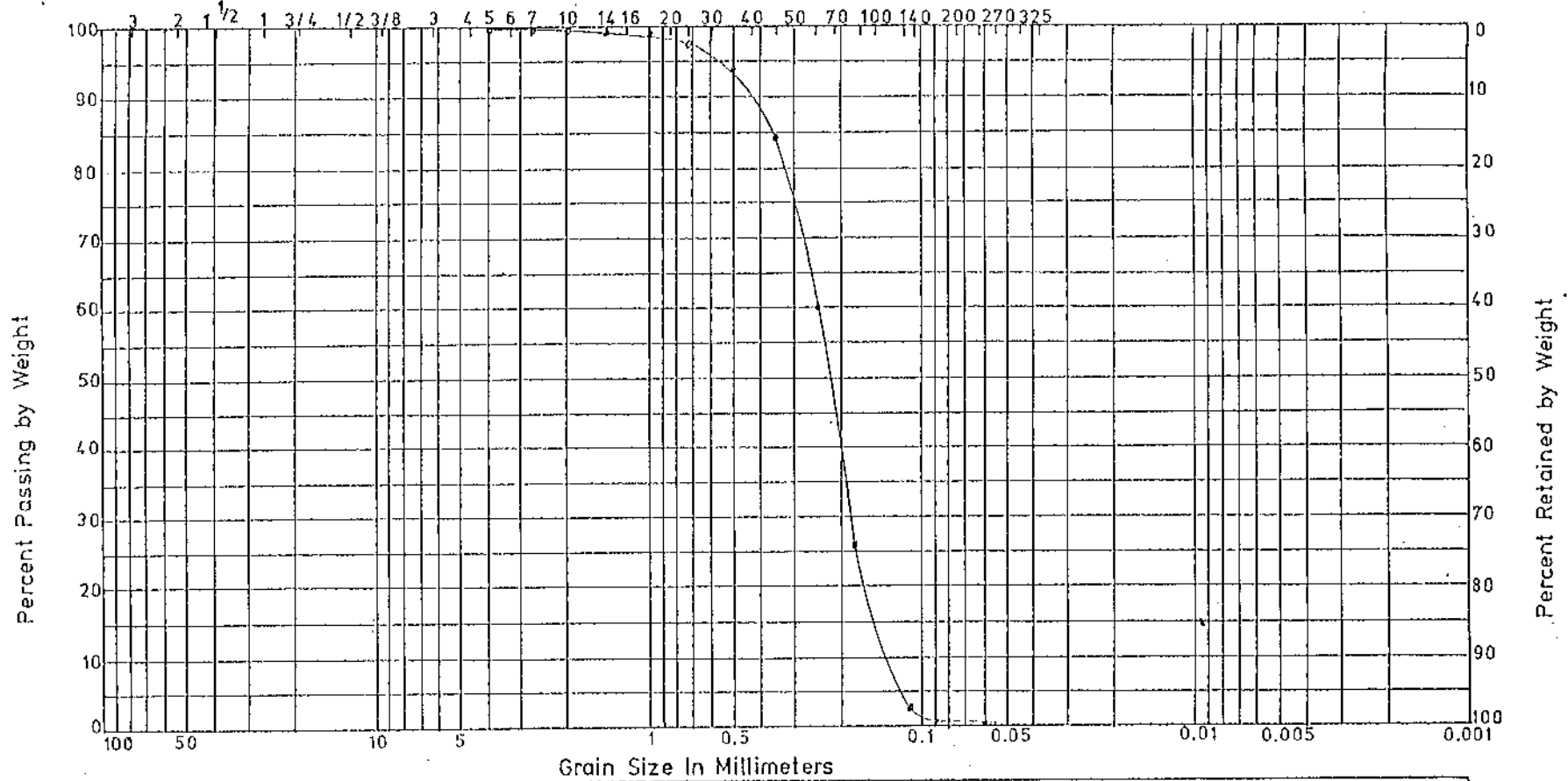


MECHANICAL ANALYSIS CHART

U.S. Standard Sieve Openings In Inches

U.S. Standard Sieve Numbers

Hydrometer



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

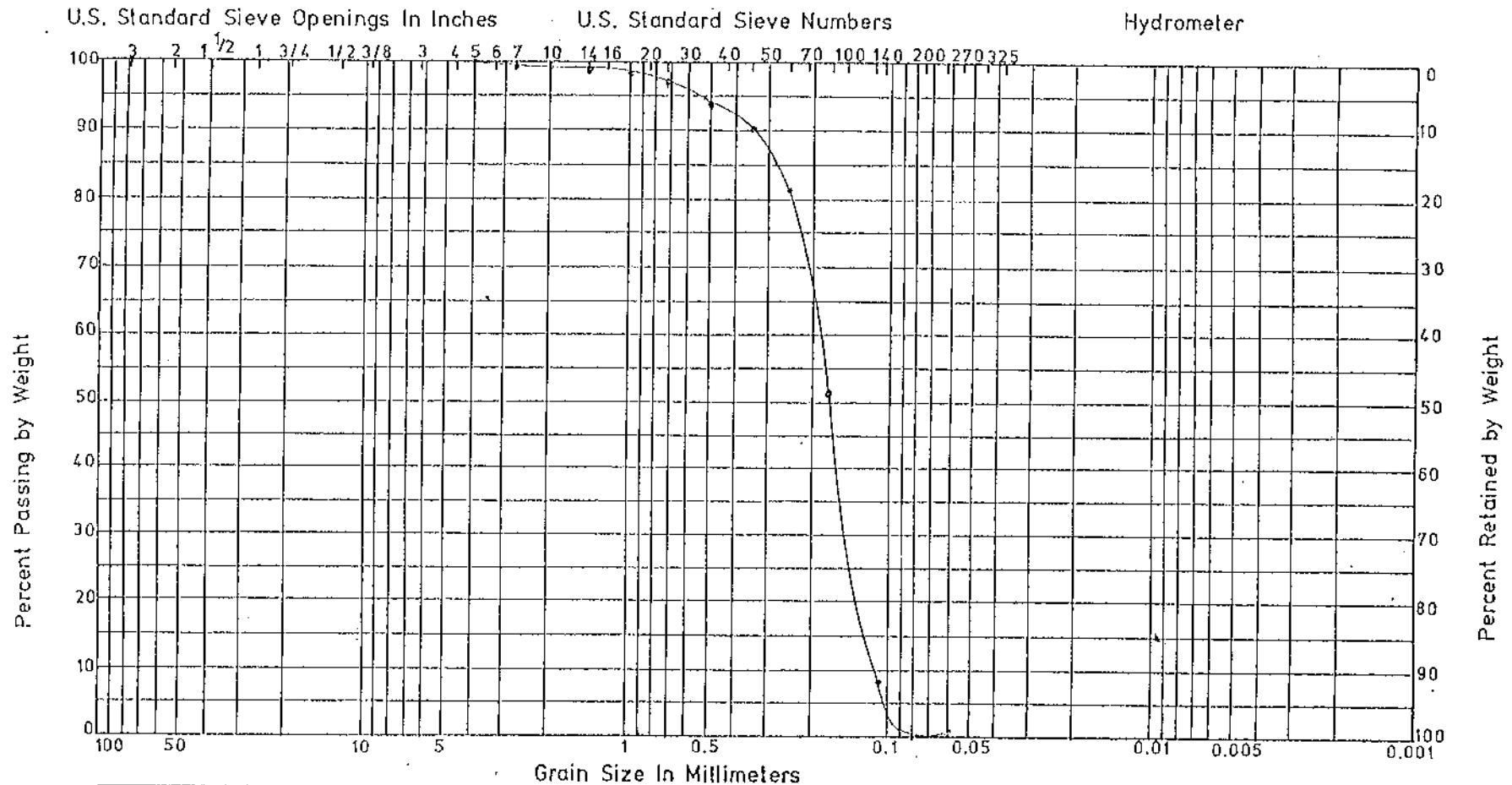
SAMPLE NO.	CLASSIFICATION
19	GREY POORLY GRADED SAND
8'	WITH TRACES OF SHELL FRAGMENTS
	(SP)
	MEAN: .24mm MEDIAN: .23mm SORTING: .57

PROJECT:

DELRAY BEACH SAND SEARCH

DATE: JULY 1987

MECHANICAL ANALYSIS CHART



GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
19	GREY POORLY GRADED SAND WITH
13'	TRACES OF SHELL FRAGMENTS (SP)
	MEAN: .19MM MEDIAN: .18MM SORTING: .53

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987