

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= 817076.64 Y=777935.43		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-87-3A		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 7/16/87 1130		
8. DEPTH DRILLED INTO ROCK 0.0 FT		17. ELEVATION TOP OF HOLE -61 ft.		
9. TOTAL DEPTH OF HOLE 20.0' FT		18. TOTAL CORE RECOVERY FOR BORING 61 %		
		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, with scattered shell fragments, Gray (SP)		1	Sample #1, Depth = 1.0' 0.16 mm, 0.47 phi sorting 0.50% silt
-65	4					
	5		fine grained, trace shell and coral fragments, (<1.0"), Gray (SP) from -65.0' to -70.0'		2	Sample #2, Depth = 5.0' 0.20 mm, 0.78 phi sorting 1.0% silt
	6					
	7					
	8					
-70	9		fine grained, with trace of shell fragments. Gray (SP) from -70.0' to -71.5		3	Sample #3, Depth = 9.0' 0.17 mm, 0.50 phi sorting 0.50% silt
-71.5	10					
	11		fine grained, trace shell & coral fragments (< 1"), Gray (SP) from -71.5' to -73.1'		4	Sample #4, Depth= 11.0' 0.34 mm, 0.94 phi sorting 0.10% silt
-73.1	12					
	13					
	14					
	15					
	16		NO RECOVERY			
	17					
	18					
	19					
-81	20					
	21		End of Boring			
	22		Note: Soils are classified in accordance with the Unified Soils Classification System.			
	23					
	24					

PROJECT: Delray Beach

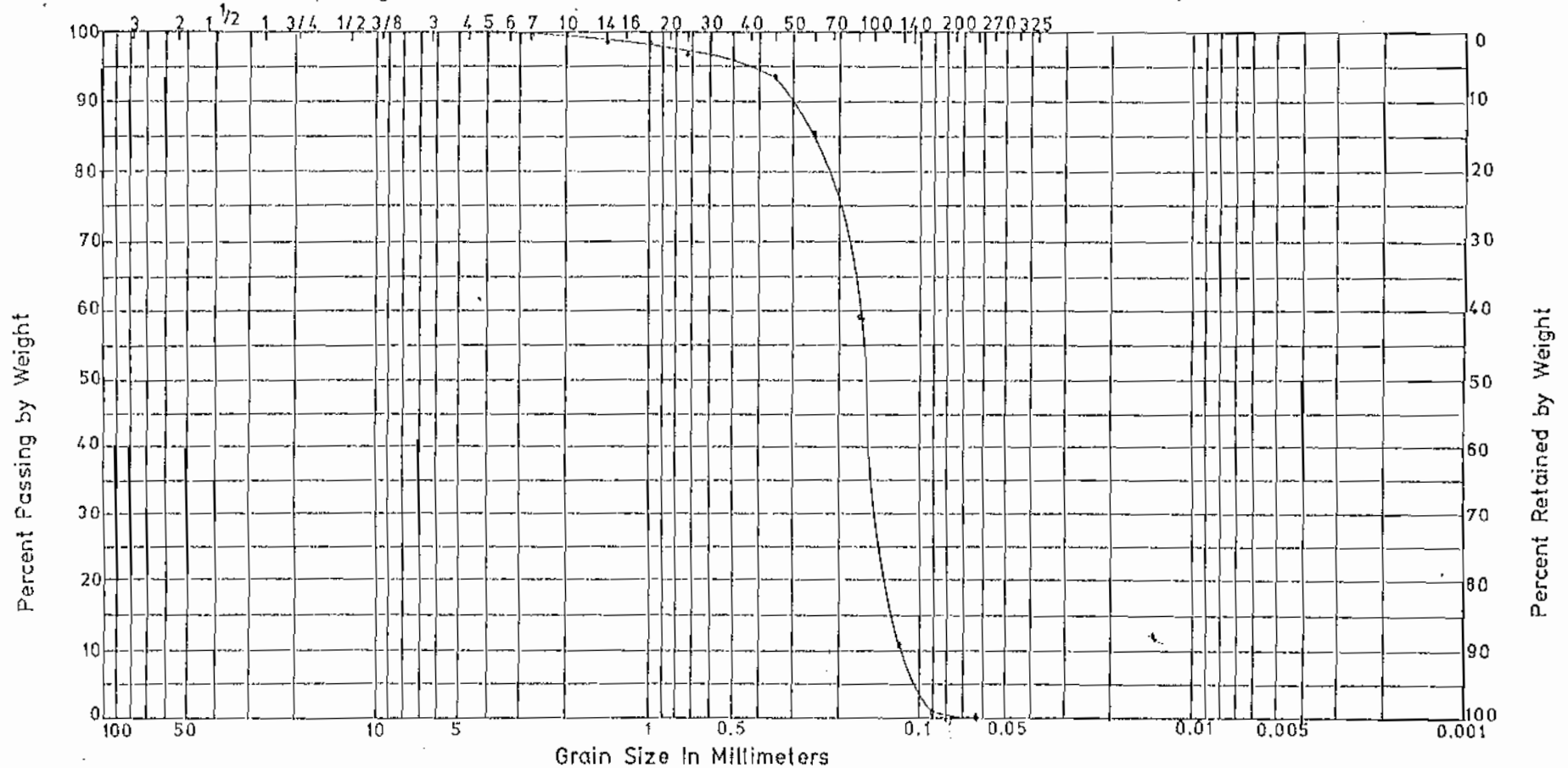
HOLE NUMBER:

MECHANICAL ANALYSIS CHART

U.S. Standard Sieve Openings In Inches

U.S. Standard Sieve Numbers

Hydrometer

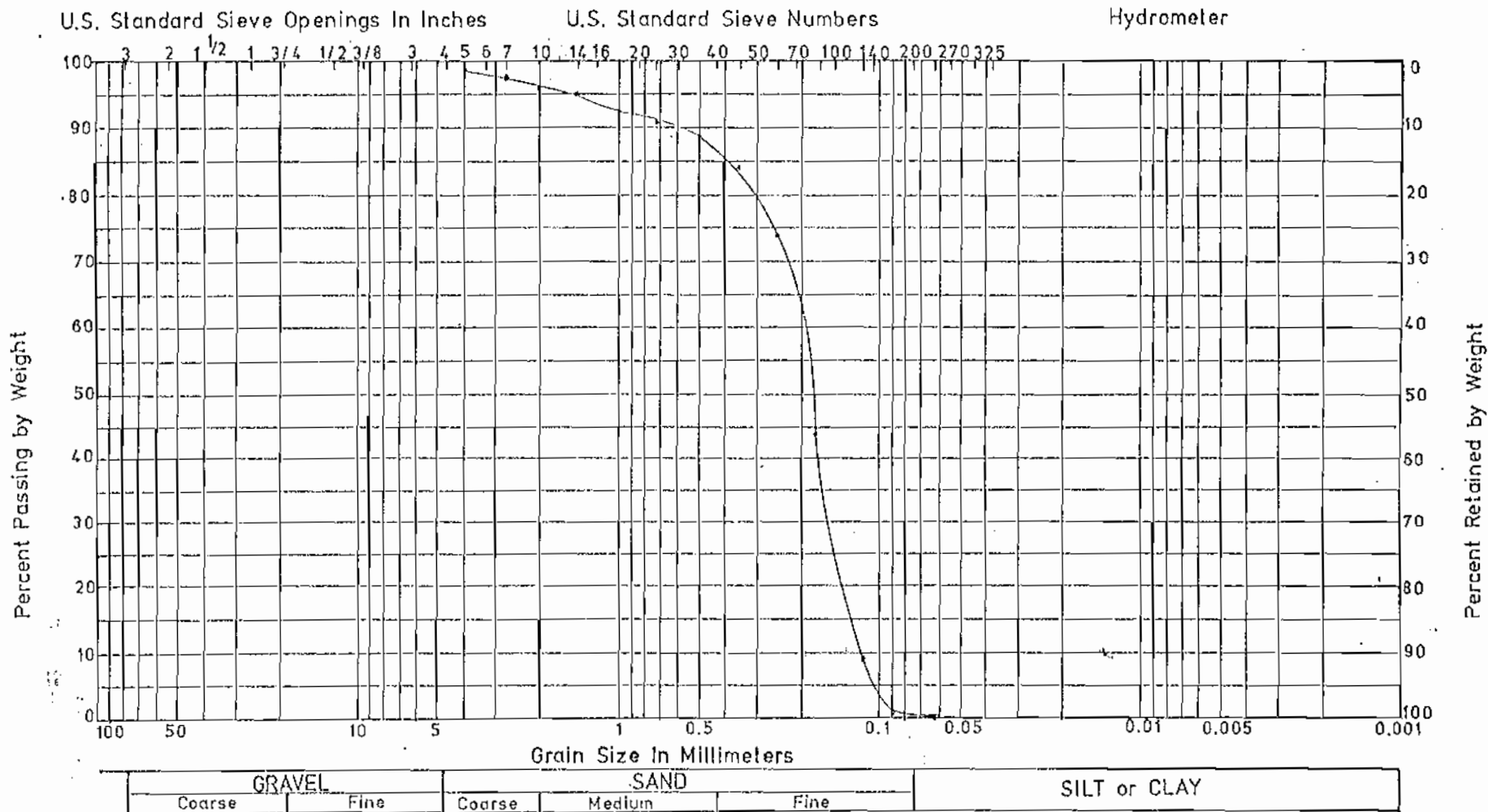


GRAVEL		SAND			SILT or CLAY
Coarse	Fine	Coarse	Medium	Fine	

SAMPLE NO.	CLASSIFICATION
3A	GREY POORLY GRADED SAND WITH
1'	TRACES OF SHELL FRAGMENTS. (SP)
	MEAN: .164mm MEDIAN: .16mm SORTING: .47

PROJECT:	
	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987

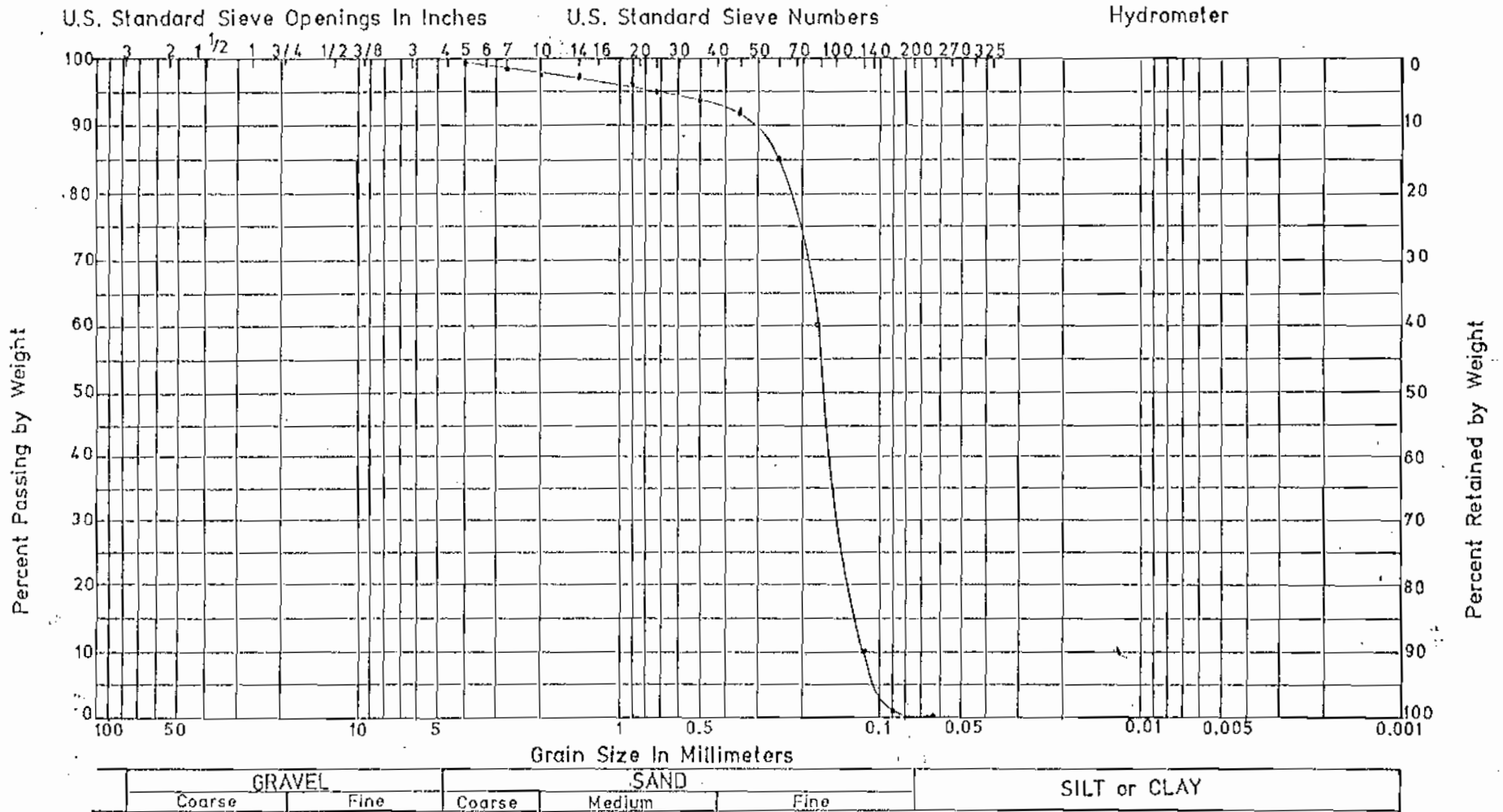
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
3A S'	GREY POORLY GRADED SAND WITH SHELL AND ROCK FRAGMENTS. (SP)
	MEAN: .196MM MEDIAN: .18MM SORTING: .78

PROJECT:	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987

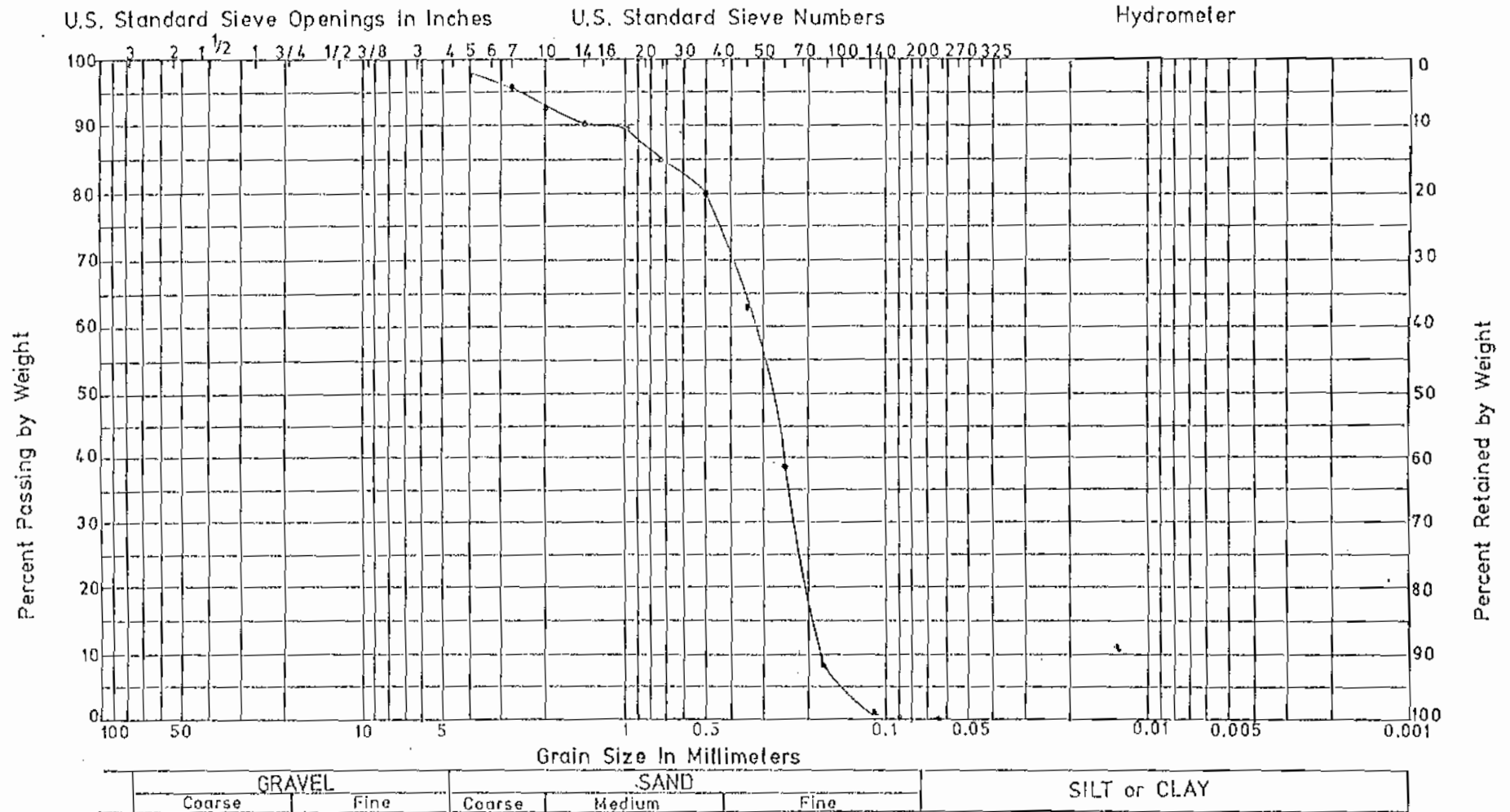
MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
3A	GREY POORLY GRADED SAND WITH
9'	A SMALL QTY OF SHELL FRAGMENTS.
	(SP)
	MEAN: .166MM MEDIAN: .16MM SORTING: .50

PROJECT:
DELRAY BEACH SAND SEARCH
DATE: JULY 1987

MECHANICAL ANALYSIS CHART



SAMPLE NO.	CLASSIFICATION
3A	GREY POORLY GRADED SAND WITH
11'	SHELL AND CORAL FRAGMENTS. (SP)
	MEAN: .335MM MEDIAN: .28MM SORTING: .94

PROJECT:	
	DELRAY BEACH SAND SEARCH
DATE:	JULY 1987