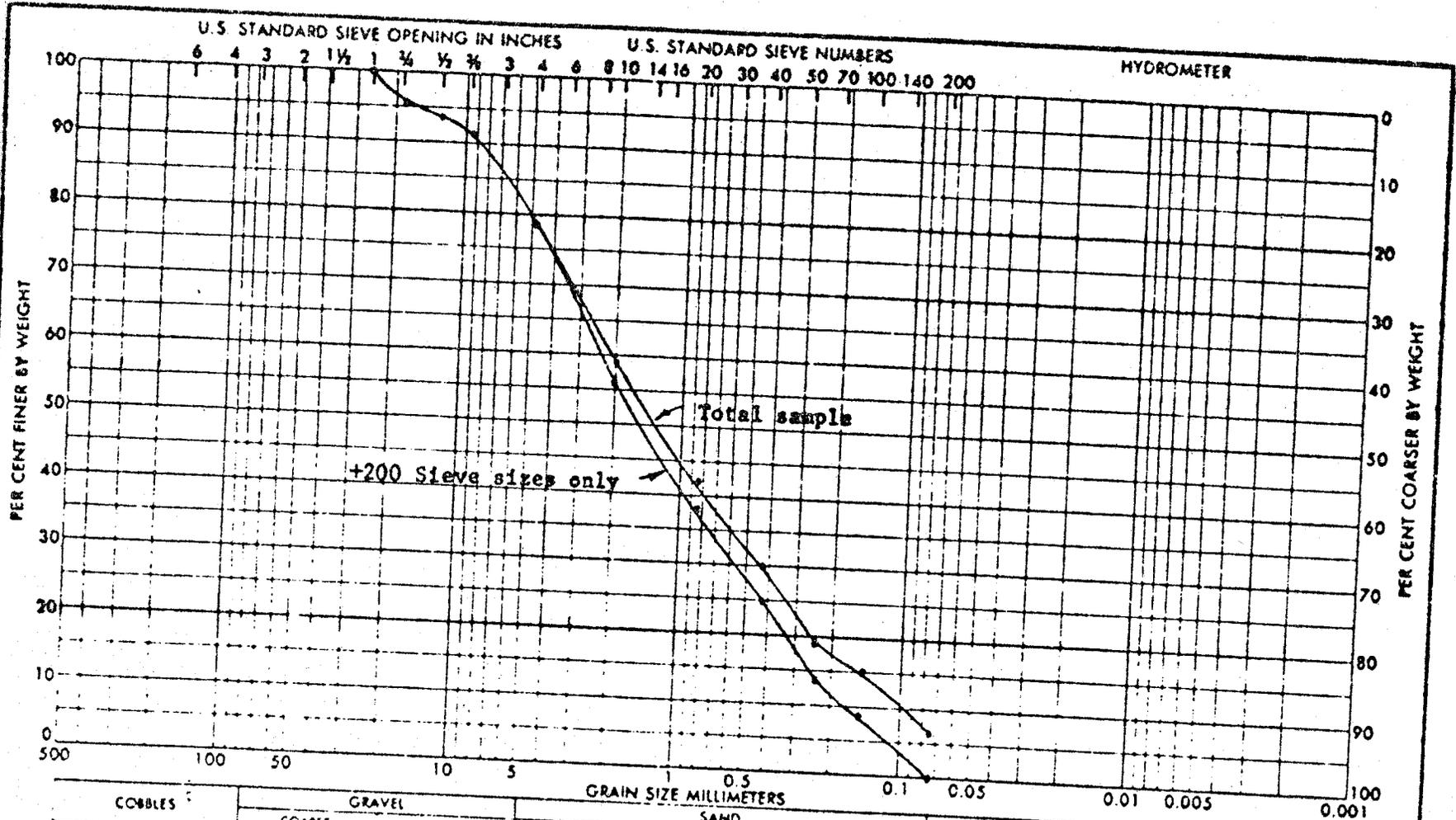


Section Name	South Atlantic	Subsidiary Number	1
Project	Indian River County Beach Restoration	Site No.	100
Contract	Alyne Construction (Contract)	Scale	1:100
Drill No.	CS-28	Date	1-10-79
Drill Operator	J. Marshall	Time	8:30-9:30
Drill Type	Hand	Drill No.	100
Drill Depth	17.5'	Drill No.	100

Depth (ft)	Interval (ft)	Description	Notes
0.0	0.0		
10.0	0.0	HELL and fragments, well to large, considerable soft gray clay	2-1/2" vibrator
20.0	0.0	6" to 8" several olive gray clay and sandy clay lenses. Sample 6 to 20.0" (20-24, 50% shell) - gravel to sand size	
30.0	0.0	6" to 11.5" little clay, considerable medium to coarse quartz sand	
40.0	11.5	11.5" to 17.0" lens of dark gray, plastic, sandy clay (2)	
50.0	17.0	hard, fine grained quartz, gray, little shell below 17.5" (20)	
60.0	0.0	Sample 10.0" to 19.0" (20-24, 21% shell) - gravel to sand size	
<p>Sample numbers refer to the sample sent to the 200 Laboratory for grain-size analysis.</p> <p>Laboratory classification has been added to the log.</p>			



SAMPLE NO	ELEV OR DEPTH	CLASSIFICATION	SAND			SILT OR CLAY	
			COARSE	FINE	COARSE	MEDIUM	FINE
--	Depth 0.0-10.0'	(Total sample) Gray poorly graded silty sandy shell (SP-SH sizes). Shell is gravel size, coarse & medium sand size. Shell approx. 64%.	--	--	--	--	--
	Elev. -36.8/-46.8						
GRADATION CURVES							

PROJECT	JACKSONVILLE DISTRICT, Indian River County Beach Erosion Project
Lab. No.	73/6007
AREA	
BOREHOLE NO	CB-28
DATE	6 Aug 1974

ENG FORM 2087
1 MAY 63

REPLACES WES FORM NO 1241, SEP 1962, WHICH IS OBSOLETE

22

Figure A-21

23

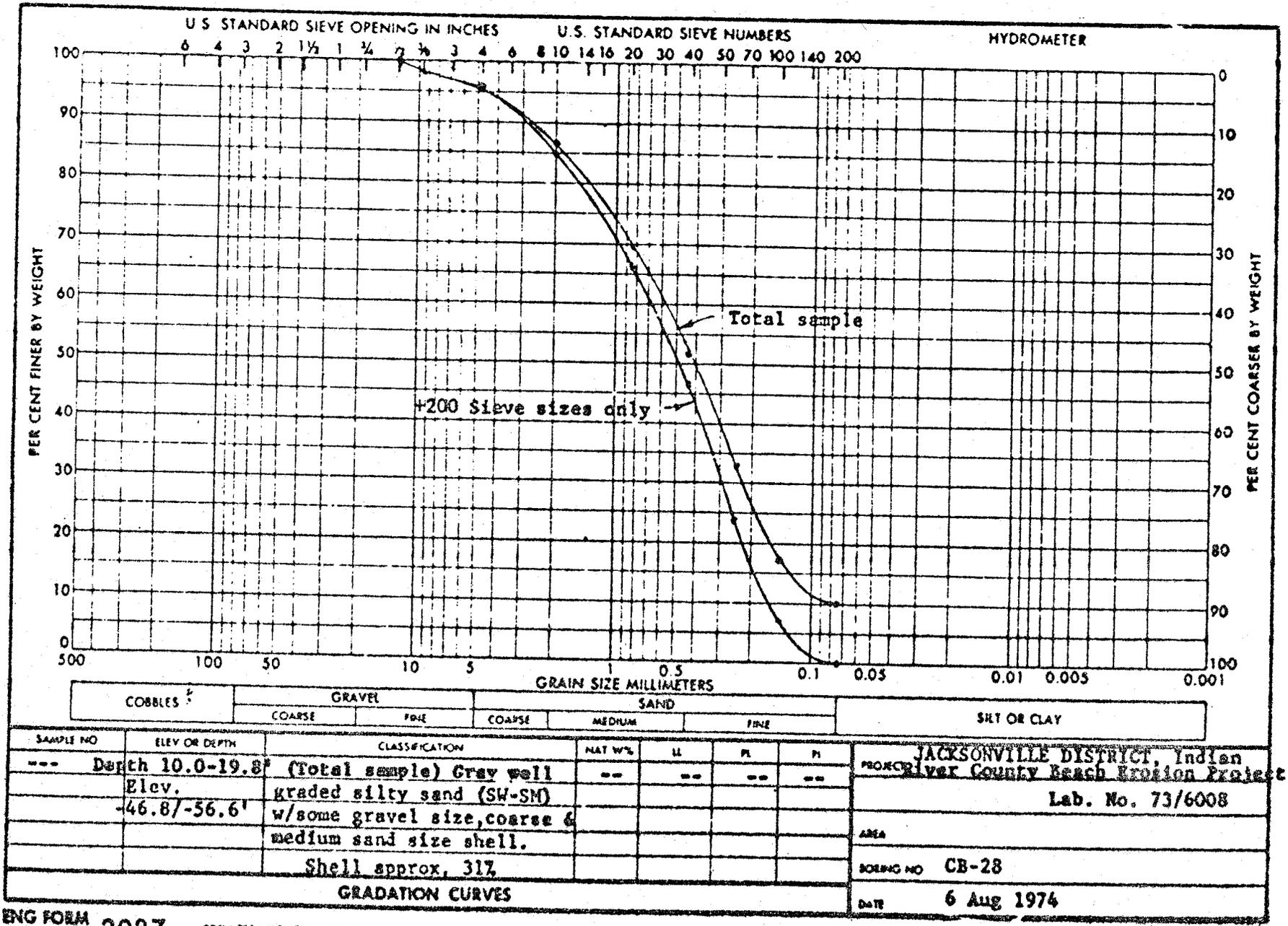


Figure A-22