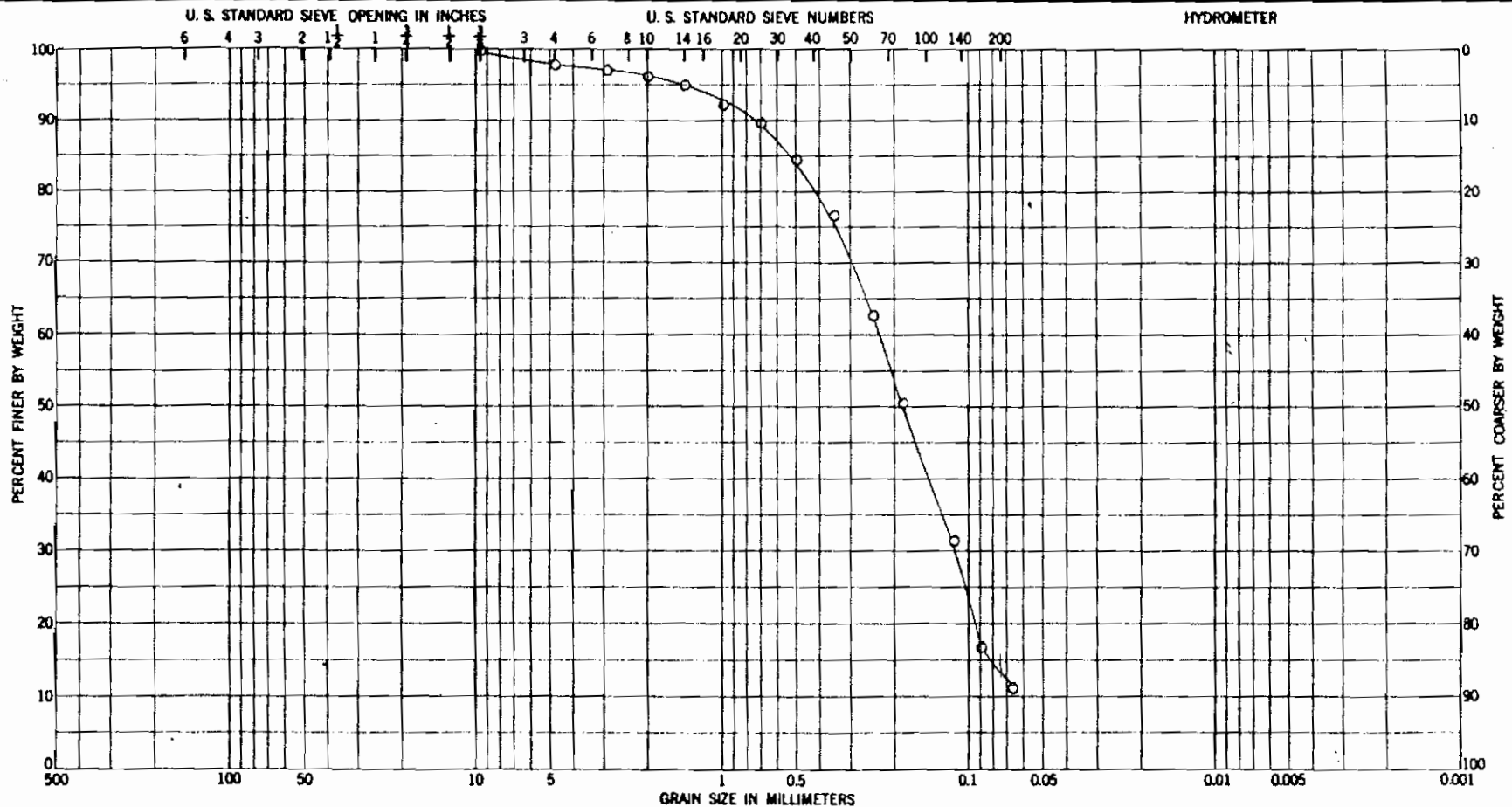


DRILLING LOG		DIVISION		INSTALLATION		SHEET	
		South Atlantic		Jacksonville District		OF 1 SHEET	
1. PROJECT				10. SIZE AND TYPE OF BIT			
North Dade County Beach Erosion Control				N/A			
2. LOCATION (Coordinates or Station)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
X=798,188 Y=593,001				MSL			
3. DRILLING AGENCY				12. MANUFACTURER'S DESIGNATION OF DRILL			
Corps of Engineers				Vibracore			
4. HOLE NO. (As shown on drawing title and file, number)				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN			
CB-ND-3				DISTURBED UNDISTURBED			
5. NAME OF DRILLER				14. TOTAL NUMBER CORE BOXES			
R. Gordon				15. ELEVATION GROUND WATER			
6. DIRECTION OF HOLE				16. DATE HOLE			
<input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED DEG. FROM VERT.				STARTED COMPLETED			
				14 Jun 78 14 Jun 78			
7. THICKNESS OF OVERBURDEN				17. ELEVATION TOP OF HOLE			
				-58.5			
8. DEPTH DRILLED INTO ROCK				18. TOTAL CORE RECOVERY FOR BORING			
				100			
9. TOTAL DEPTH OF HOLE				19. Geologist: D. Rosen			
7.0'							
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)	
a	b	c	d	e	f	g	
-58.5	0.0					BIT OR BARREL	
			SAND, light gray, fine to coarse, shell sand (SM)		1	VIBRACORE	
-65.5	7.0					-65.5	
			NOTE: Although the datum for this core boring is marked "MSL", it is likely the actual datum was M.L.W. There is 1.3 foot difference between M.S.L. and M.L.W.			LABORATORY CLASSIFICATION	
			This vibracore boring was drilled with equipment of unproven performance. It is believed the shallow refusal depth of this boring is not solely due to the physical character of the sediments encountered.			SAMPLE NO. LAB CLASS. 0-7' (SM)	

DEPARTMENT OF THE ARMY, SOUTH ATLANTIC DIVISION LABORATORY
CORPS OF ENGINEERS, 611 SOUTH COBB DRIVE, MARIETTA, GA. 30061

WORK ORDER NO. 1312
Req. No. 08-123-ENG-147-78
REF. REQ. GM-78-141



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Approx. Depth	Classification	Nat w %	LL	PL	PI	Project
1	0.0-7.0	Tan silty shelly sand (SM) Approximately 35-40% shell	--	--	--	--	Jacksonville Division North Dade County B.E.C. Lab No. 73/8684
							Area --
							Boring No. CB-ND-3, Sample No. 1
							Date 26 July 1978

GRADATION CURVES