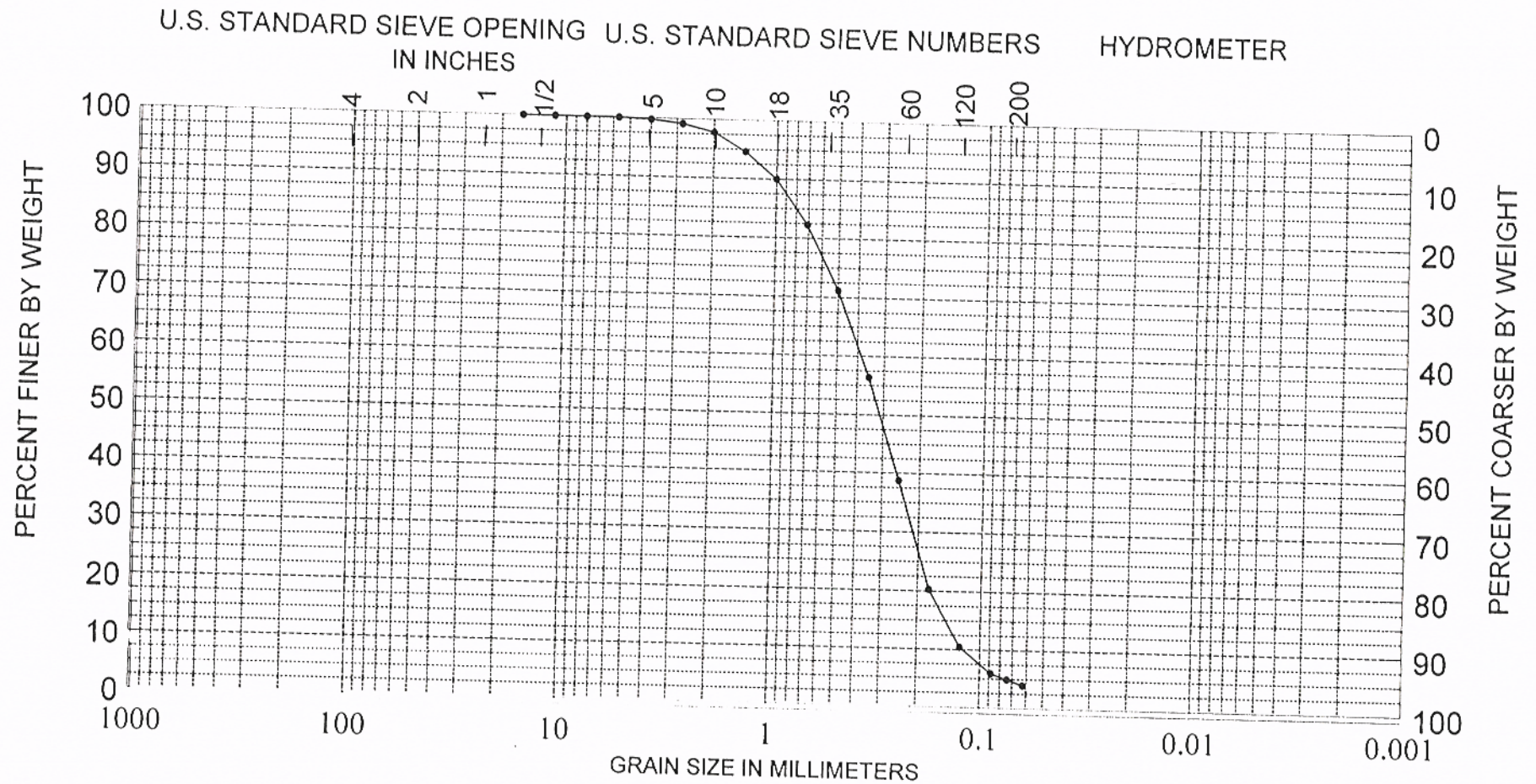


DRILLING LOG		DIVISION		INSTALLATION		Hole No. DCG 99-21	
1. PROJECT		2. LOCATION (Coordinates or Station)		10. SIZE AND TYPE OF BIT		SHEET 1 OF 1	
Dade County Deepwater Geotechnical Study		X=961078.800 Y=489144.900		4" Gravity Core			
3. DRILLING AGENCY		4. HOLE NO. (As shown on drawing title and file number)		11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
SEA, Inc./Alpine OSS		DCG 99-21		MLLW			
5. NAME OF DRILLER		6. DIRECTION OF HOLE		12. MANUFACTURER'S DESIGNATION OF DRILL			
Alpine OSS		<input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		Alpine Gravity Core			
7. THICKNESS OF BURDEN 0 Ft.		8. DEPTH DRILLED INTO ROCK 0 Ft.		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN			
				disturbed: 1 undisturbed: 0			
3. TOTAL DEPTH OF HOLE 3.6 Ft.				14. TOTAL NUMBER OF CORE BOXES			
				15. ELEVATION GROUND WATER			
				16. DATE HOLE STARTED COMPLETED			
				12-14-99 12-14-99			
				17. ELEVATION TOP OF HOLE -277.9 Ft.			
				18. TOTAL CORE RECOVERY FOR BORING %			
				19. SIGNATURE OF G. ZARILLO, SEA, INC			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-277.9	.0		Pale brown-light grey fine silty carbonate sand. 10 YR 8/1-8/2 (SM)	100		-277.9
					2.0	Scattered shell fragments to 1/2 inch.
-281.5	3.6					-281.5
						Mud content 4-10%
						Composite 0-3.6 ft.

Sample DCG-21-2.0

SEA, INC.



PHI

-6.0	-5.0	-4.0	-3.0	-2.0	-1.0	-0.0	1.0	2.0	3.0	4.0	5.0
------	------	------	------	------	------	------	-----	-----	-----	-----	-----

COBBLES

GRAVEL

SAND

SILT OR CLAY

COARSE

FINE

COARSE

MEDIUM

FINE

SAMPLE NO.

ELEV.

CLASSIFICATION

PROJECT Dade County Deepwater Study

2.0

-279.9

Fine silty sand (SM)

AREA Dade Co., Florida

BORING NO. DCG-21

DATE March, 2000