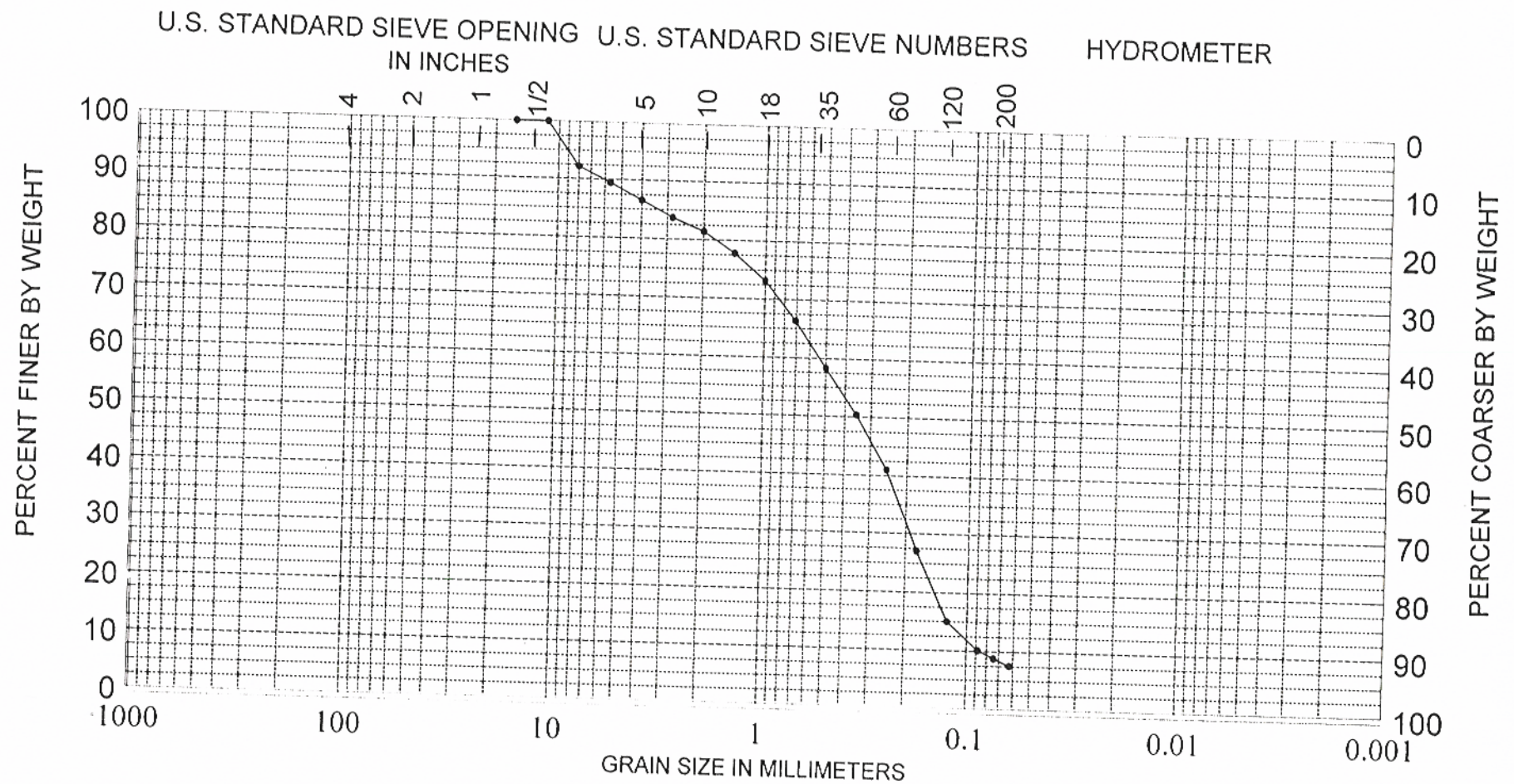


DRILLING LOG		DIVISION		INSTALLATION		Hole No. DCV 99-11	
SHEET 1 OF 1							
1. PROJECT Dade County Deepwater Geotechnical Study				10. SIZE AND TYPE OF BIT 4" VIBRACORE			
2. LOCATION (Coordinates or Station) X=957943.900 Y=479914.900				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLLW			
3. DRILLING AGENCY SEA, Inc./Alpine OSS				12. MANUFACTURER'S DESIGNATION OF DRILL PNEUMATIC VIBRACORE			
4. HOLE NO. (As shown on drawing title and file number) DCV 99-11				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 2 undisturbed: 0			
5. NAME OF DRILLER Alpine OSS				14. TOTAL NUMBER OF CORE BOXES			
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				15. ELEVATION GROUND WATER			
7. THICKNESS OF BURDEN 0 Ft.				16. DATE HOLE STARTED COMPLETED 12-11-99 12-11-99			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -152.2 Ft.			
9. TOTAL DEPTH OF HOLE 7.1 Ft.				18. TOTAL CORE RECOVERY FOR BORING 82 %			
				19. SIGNATURE OF G. ZARILLO, SEA, INC.			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-152.2	0					-152.2
-153.8	1.6		Light grey medium to fine carbonate sand, small rock fragments. 10 YR 8/1-8/2 (SP-SW)		10	
-156.2	4.0		Light grey-pale brown medium to fine silty carbonate sand, rock frags. 10 YR 8/1-8/2 (SM-SP)	100	30	
-158.0	5.8		Pale brown-grey medium to coarse carbonate sand, large fragments of reef rock. 10 YR 8/1-8/2 (GW)			Large coral rock fragment, 4.3-4.7 ft.
-159.3	7.1			0		-158.0
			Penetration depth			-159.3

Sample DCV-11-1.0

SEA, INC.



COBBLES

GRAVEL

SAND

SILT OR CLAY

COARSE

FINE

COARSE

MEDIUM

FINE

SAMPLE NO.

ELEV.

CLASSIFICATION

Medium to fine sand (SP)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-11

DATE March, 2000

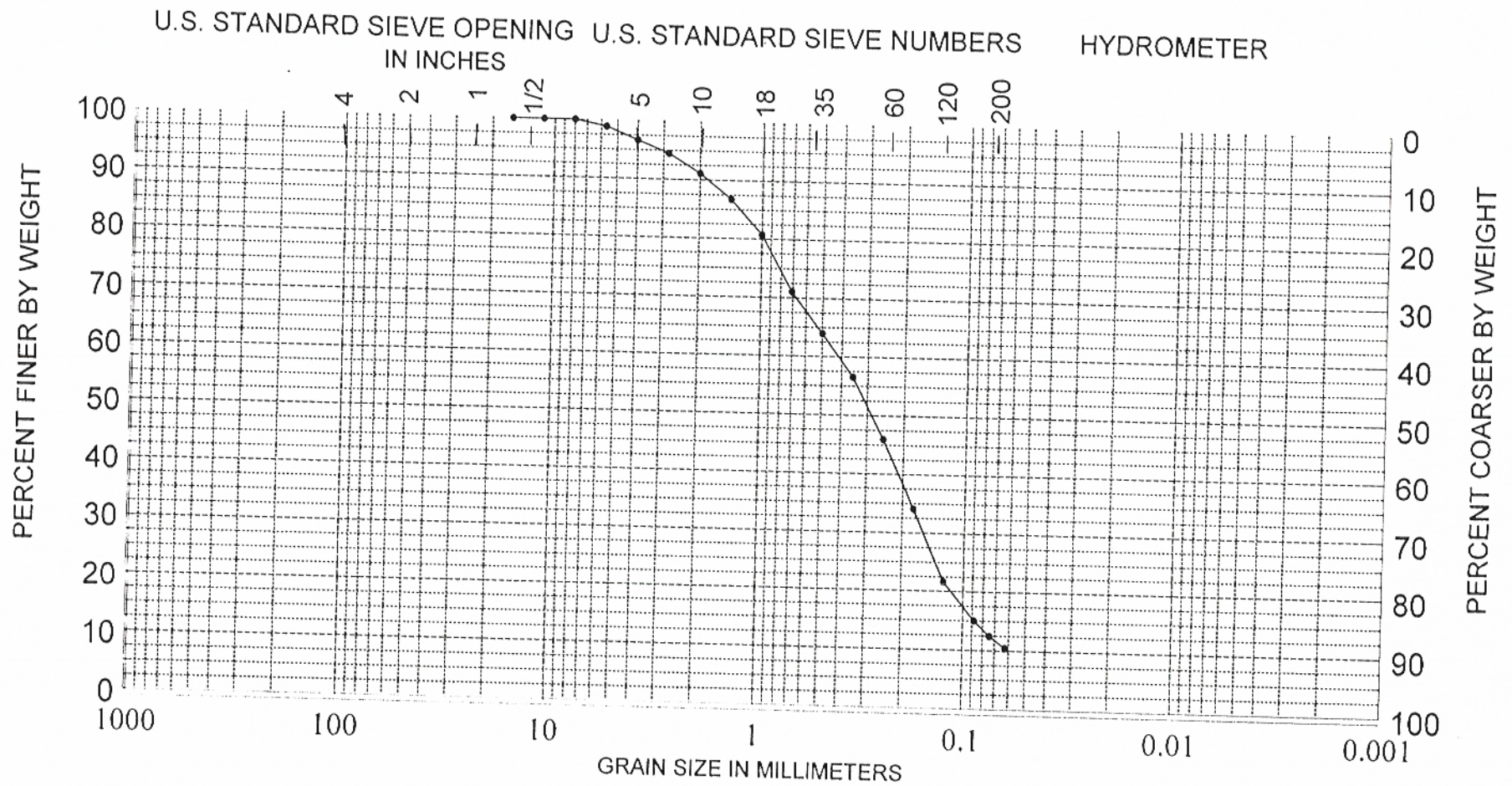
1.0

-153.2

Sample DCV-11-3.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
5/8	16.00	-4.00	0.00	0.00	0.00			
1/2	11.31	-3.50	0.00	0.00	0.00			
5/16	8.00	-3.00	0.00	0.00	0.00			
1/4	5.66	-2.50	0.57	1.11	1.11	5% :	-1.62	3.07
5	4.00	-2.00	1.17	2.25	3.35	16% :	-0.27	1.20
7	2.83	-1.50	1.12	2.15	5.50	25% :	0.30	0.81
10	2.00	-1.00	1.77	3.40	8.90	50% :	1.81	0.29
14	1.41	-0.50	2.23	4.29	13.20	75% :	2.87	0.14
18	1.00	0.00	3.13	6.03	19.23	84% :	3.43	0.09
25	0.71	0.50	5.06	9.74	28.97	95% :	4.50	0.04
35	0.50	1.00	3.66	7.06	36.03			
45	0.35	1.50	3.87	7.45	43.47	Med.	1.81	0.29
60	0.25	2.00	5.47	10.54	54.01	Mean	1.66	0.32
80	0.18	2.50	6.17	11.88	65.89	St Dev.	1.85	
120	0.13	3.00	6.48	12.48	78.36	Skew	-0.12	
170	0.09	3.50	3.42	6.59	84.95	Kurt.	0.98	
200	0.07	3.75	1.36	2.62	87.57			
230	0.06	4.00	1.03	1.97	89.55			
Pan			0.49	0.95	90.50			
Total			46.99	90.50	90.50			
						Moment Statistics		
							Phi	mm
Cu =	0.35	Gravel			2 %	Mean	1.47	0.36
		Coarse Sand			7 %	St. Dev.	1.63	0.32
		ed. Sand			31 %	Skewness	-0.68	
Cc =	0.05	Fine Sand			50 %	Kurtosis	2.49	
		Silt/Clay			10 %			

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

COARSE

FINE

SAND

COARSE

MEDIUM

FINE

SILT OR CLAY

SAMPLE NO.

3.0

ELEV.

-155.2

CLASSIFICATION

Medium to fine silty sand (SM)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-11

DATE March, 2000