

DRILLING LOG		DIVISION		INSTALLATION		Hole No. DCV 99-12	
1. PROJECT Dade County Deepwater Geotechnical Study				10. SIZE AND TYPE OF BIT 4" VIBRACORE			
2. LOCATION (Coordinates or Station) X=958177.300 Y=491138.200				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 99-12				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 -158.6 Ft.			
9. TOTAL DEPTH OF HOLE 8.9 Ft.				18. TOTAL CORE RECOVERY FOR BORING 88 %			
				19. SIGNATURE OF G. ZARILLO, SEA, INC.			

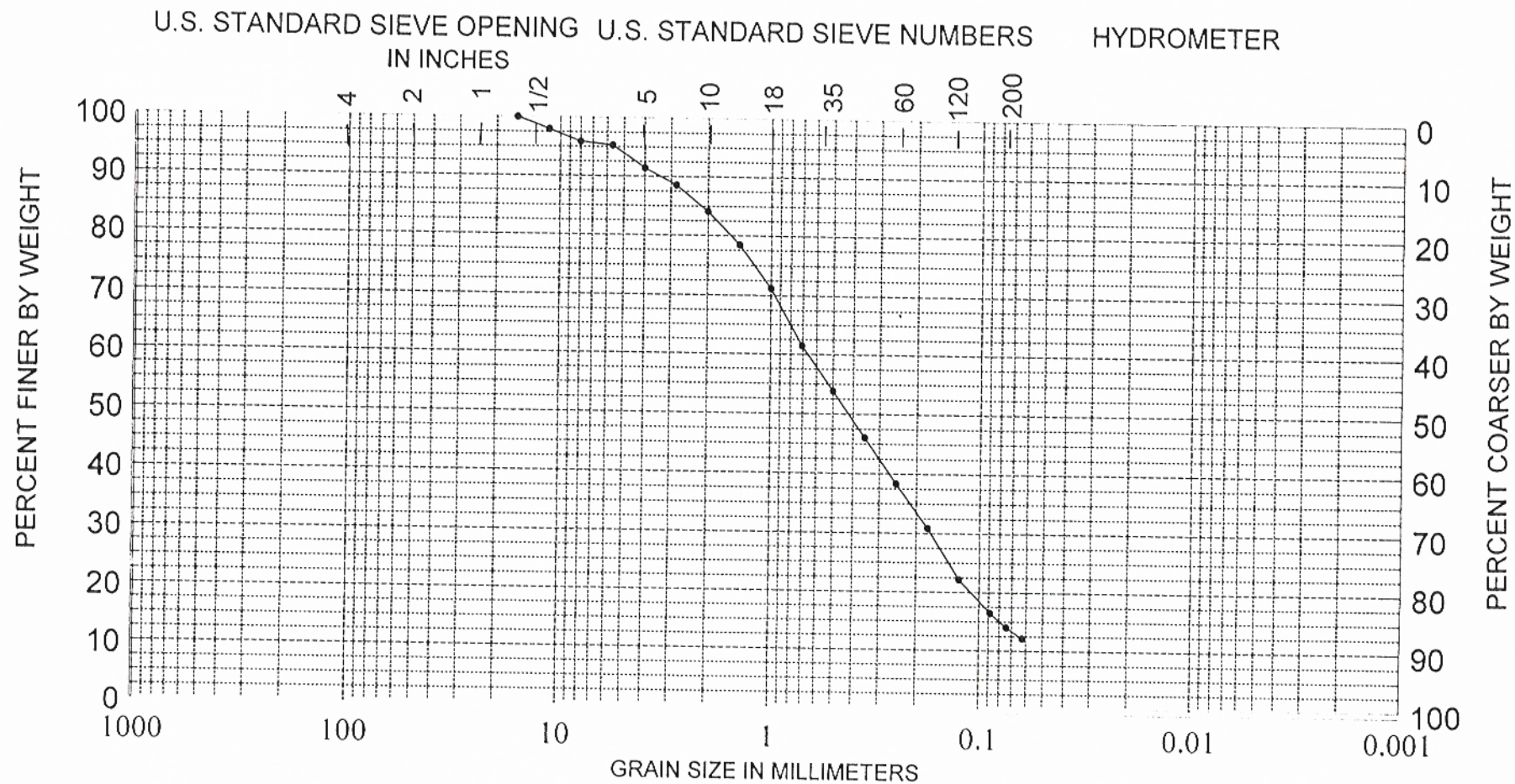
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-158.6	.0					-158.6
-159.5	.9		Light grey semi-lithified carbonate sand, rock fragments to 3+ inches. 10 YR 8/2 (GW)			
			Light grey to white medium to fine carbonate silty sand, lithified rock fragments to 4 inches. 10 YR 8/1-8/2 (SM)	100	2.0	
-163.6	5.0					-163.6
			Grey medium to fine carbonate sand, scattered shell fragments. 10 YR 7/2 (SP)	100	5.0	
-166.4	7.8					-166.4
-167.5	8.9			0		-167.5
			Penetration depth			

Sediment Analysis Data Sheet

Sample DCV-12-2.0

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	0.92	2.05	2.05			
5/16	8.00	-3.00	0.92	2.05	4.10			
1/4	5.66	-2.50	0.29	0.64	4.74	5% :	-2.47	5.52
5	4.00	-2.00	1.72	3.83	8.56	16% :	-0.99	1.98
7	2.83	-1.50	1.29	2.86	11.43	25% :	-0.26	1.20
10	2.00	-1.00	1.99	4.44	15.87	50% :	1.25	0.42
14	1.41	-0.50	2.52	5.62	21.49	75% :	2.84	0.14
18	1.00	0.00	3.29	7.33	28.82	84% :	4.05	0.06
25	0.71	0.50	4.36	9.71	38.53	95% :	4.90	0.03
35	0.50	1.00	3.44	7.65	46.18			
45	0.35	1.50	3.49	7.76	53.94	Med.	1.25	0.42
60	0.25	2.00	3.43	7.65	61.59	Mean	1.44	0.37
80	0.18	2.50	3.36	7.48	69.07	St Dev.	2.38	
120	0.13	3.00	3.95	8.80	77.87	Skew	0.05	
170	0.09	3.50	2.54	5.66	83.52	Kurt.	0.97	
200	0.07	3.75	1.10	2.45	85.98			
230	0.06	4.00	0.84	1.87	87.85			
Pan			0.61	1.35	89.20			
Total			40.04	89.20	89.20			
						Moment	Statistics	
							Phi	mm
Cu =	0.66	Gravel			7	%	Mean	0.91 0.53
		Coarse Sand			9	%	St. Dev.	1.94 0.26
		ed. Sand			34	%	Skewness	-0.56
Cc =	0.04	Fine Sand			38	%	Kurtosis	2.38
		Silt/Clay			12	%		

SEA, INC.



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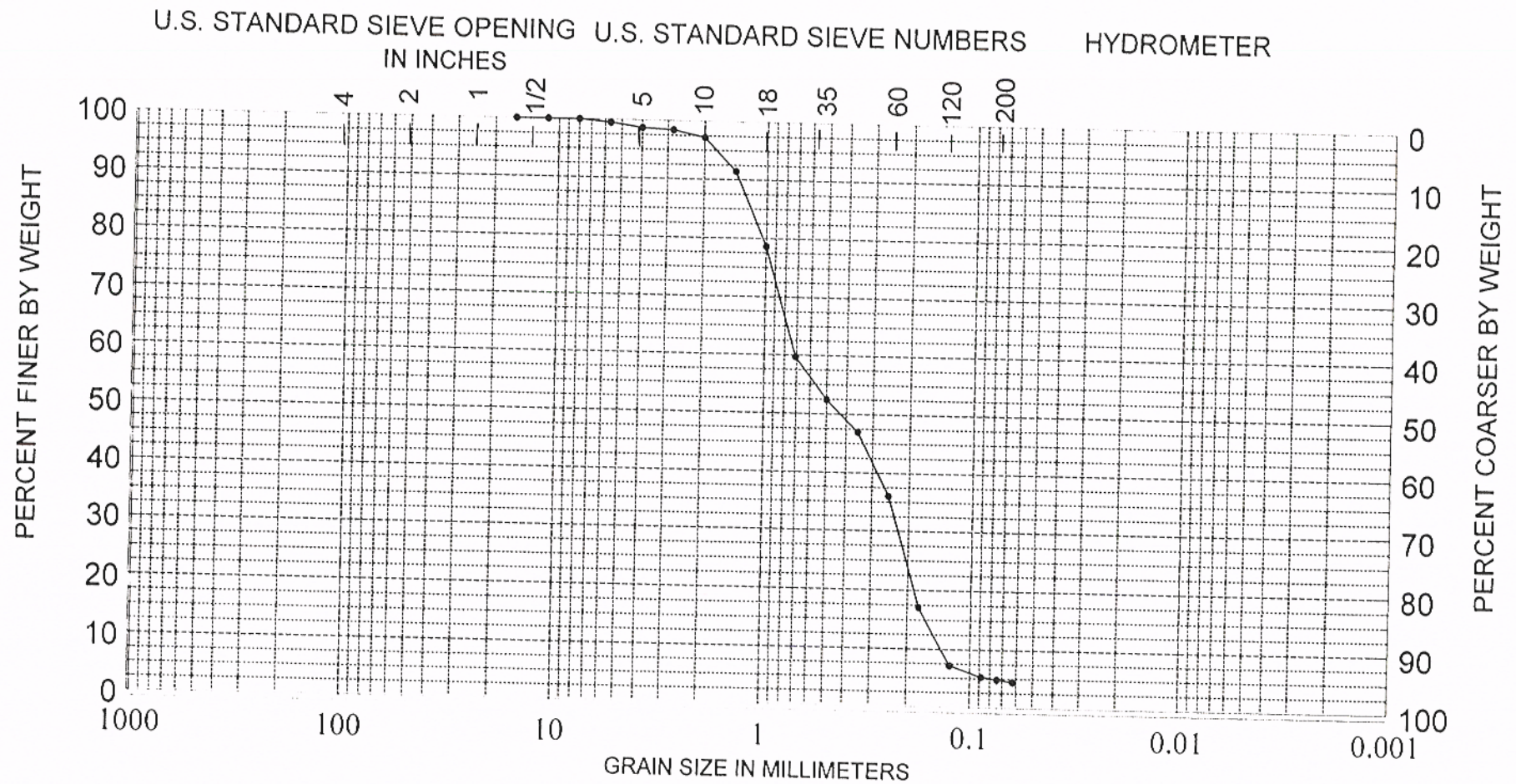
-6.0 -5.0 -4.0 -3.0 -2.0 -1.0 -0.0 1.0 2.0 3.0 4.0 5.0

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
2.0	-160.6	Medium to fine silty sand (SM)	Dade County Deepwater Study
			AREA Dade Co., Florida
			BORING NO. DCV-12
			DATE March, 2000

Sample DCV-12-6.0

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-12

DATE March, 2000

6.0

-164.6