

DRILLING LOG		DIVISION		INSTALLATION		Hole No. DCV 99-16	
1. PROJECT Dade County Deepwater Geotechnical Study				SHEET 1 OF 1			
2. LOCATION (Coordinates or Station) X=857732.100 Y=584048.900				10. SIZE AND TYPE OF BIT 4" VIBRACORE			
3. DRILLING AGENCY SEA, Inc./Alpine OSS				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLLW			
4. HOLE NO. (As shown on drawing title and file number) DCV 99-16				12. MANUFACTURER'S DESIGNATION OF DRILL PNEUMATIC VIBRACORE			
5. NAME OF DRILLER Alpine OSS				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 1 undisturbed: 0			
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				14. TOTAL NUMBER OF CORE BOXES			
7. THICKNESS OF BURDEN 0 Ft.				15. ELEVATION GROUND WATER			
8. DEPTH DRILLED INTO ROCK 0 Ft.				16. DATE HOLE STARTED COMPLETED 12-12-99 12-12-99			
9. TOTAL DEPTH OF HOLE 6.0 Ft.				17. ELEVATION TOP OF HOLE -148.8 Ft.			
				18. TOTAL CORE RECOVERY FOR BORING 77 %			
				19. SIGNATURE OF G. ZARILLO, SEA, INC.			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-148.8	.0					-148.8
			Pale brown medium to fine silty sand, abundant rock fragments. 10 YR 8/1-8/2 (SM)	100	30	
-153.5	4.7					-153.5
-154.8	6.0		Penetration depth	0		-154.8

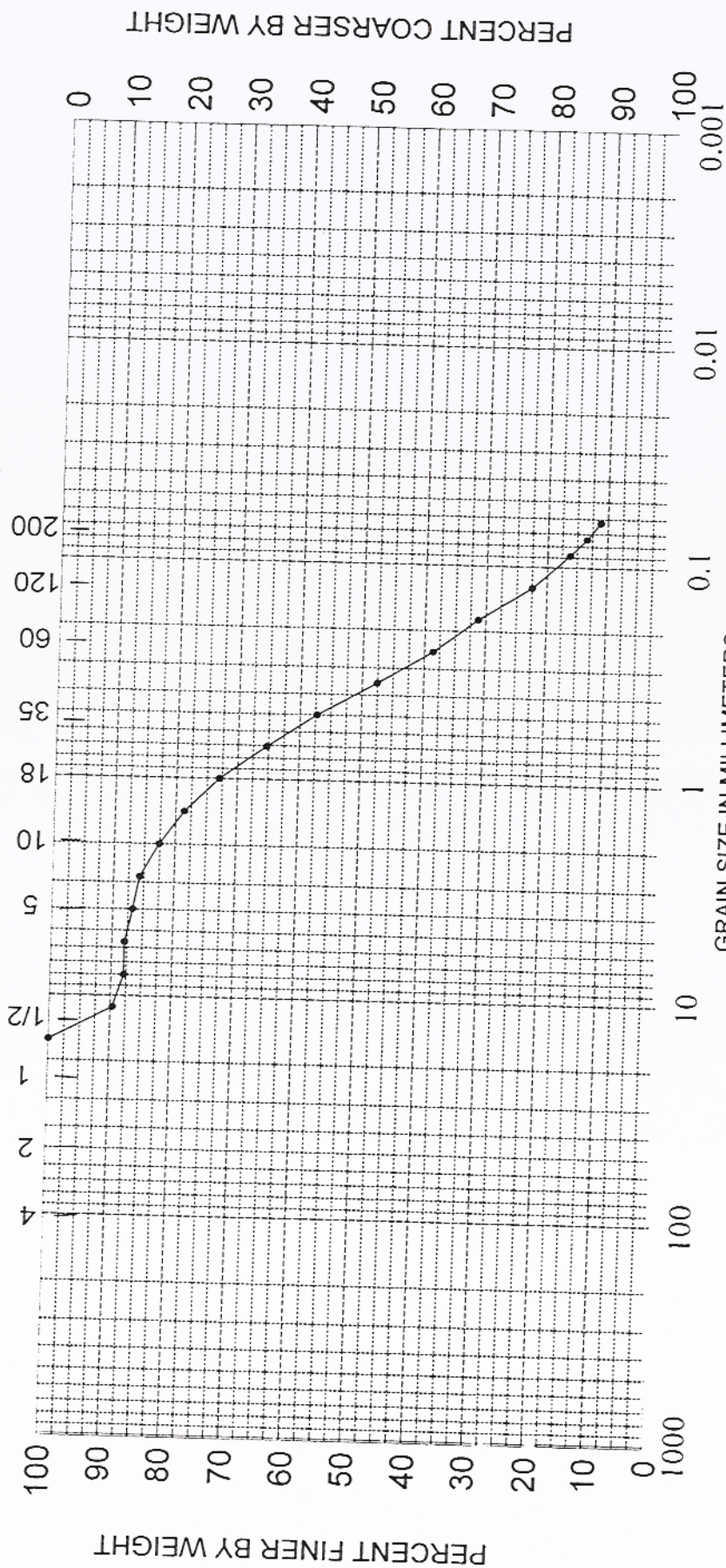
Sediment Analysis Data Sheet

Sample DCV-16-3.0

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	3.47	10.38	10.38			
5/16	8.00	-3.00	0.57	1.71	12.09			
1/4	5.66	-2.50	0.00	0.00	12.09	5% :	-3.76	13.54
5	4.00	-2.00	0.39	1.17	13.25	16% :	-1.22	2.33
7	2.83	-1.50	0.35	1.05	14.30	25% :	-0.18	1.13
10	2.00	-1.00	1.02	3.05	17.35	50% :	1.38	0.39
14	1.41	-0.50	1.34	4.01	21.37	75% :	2.85	0.14
18	1.00	0.00	1.89	5.65	27.02	84% :	3.80	0.07
25	0.71	0.50	2.57	7.67	34.69	95% :	4.80	0.04
35	0.50	1.00	2.69	8.03	42.72			
45	0.35	1.50	3.24	9.67	52.40	Med.	1.38	0.39
60	0.25	2.00	3.03	9.04	61.44	Mean	1.32	0.40
80	0.18	2.50	2.44	7.27	68.71	St Dev.	2.55	
120	0.13	3.00	2.97	8.87	77.59	Skew	-0.12	
170	0.09	3.50	2.08	6.21	83.80	Kurt.	1.16	
200	0.07	3.75	0.93	2.79	86.59			
230	0.06	4.00	0.75	2.24	88.83			
Pan			0.53	1.57	90.40			
Total			30.26	90.40	90.40			
						Moment	Statistics	
							Phi	mm
Cu =	0.51	Gravel			13 %	Mean	0.83	0.56
		Coarse Sand			5 %	St. Dev.	2.26	0.21
		ed. Sand			30 %	Skewness	-0.84	
Cc =	0.05	Fine Sand			41 %	Kurtosis	2.57	
		Silt/Clay			11 %			

SEA, INC.

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS HYDROMETER
IN INCHES



PHI

GRAVEL

COARSE

FINE

SAND

COARSE

MEDIUM

FINE

SILT OR CLAY

SAMPLE NO.

3.0

ELEV.

-151.8

CLASSIFICATION

Medium to fine silty sand (SP)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-16

DATE March, 2000