

DRILLING LOG		DIVISION		INSTALLATION		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=958591.300 Y=505276.800				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 99-7				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 1 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 12-10-99 12-10-99			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -161.9 Ft.			
9. TOTAL DEPTH OF HOLE 3.0 Ft.				18. TOTAL CORE RECOVERY FOR BORING 56 %			
				19. SIGNATURE OF G. ZARILLO, SEA, INC			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-161.9	.0					-161.9	0
-163.0	1.1		Pale brown medium to coarse carbonate sand, large rock fragments to 4 inches. 10 YR 8/3 (SP-GW)	100	0.5	Large reef rock fragment, 0.3-0.7 ft.	
-163.6	1.7		Brown to pale brown carbonate sand, large rock fragments. 10 YR 8/3 (SP-GW)	0		Large reef rock fragment, 1.1-1.4 ft.	
-164.9	3.0		Penetration depth			-164.9	2.5
							5
							7.5
							10
							12.5
							15
							17.5
							20
							22.5

Sediment Analysis Data Sheet

Sample DCV-7-0.5

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	4.00	7.85	7.85			
5/16	8.00	-3.00	1.51	2.96	10.81			
1/4	5.66	-2.50	0.97	1.89	12.70			
5	4.00	-2.00	1.40	2.75	15.45	5% :	-3.68	12.83
7	2.83	-1.50	0.91	1.79	17.25	16% :	-1.85	3.60
10	2.00	-1.00	1.66	3.26	20.51	25% :	-0.71	1.63
14	1.41	-0.50	3.92	7.68	28.19	50% :	0.29	0.82
18	1.00	0.00	6.34	12.45	40.64	75% :	1.22	0.43
25	0.71	0.50	8.26	16.20	56.84	84% :	1.67	0.31
35	0.50	1.00	6.69	13.14	69.98	95% :	2.92	0.13
45	0.35	1.50	5.91	11.59	81.57	Med.	0.29	0.82
60	0.25	2.00	3.60	7.06	88.63	Mean	0.04	0.97
80	0.18	2.50	2.06	4.04	92.67	St Dev.	1.88	
120	0.13	3.00	1.42	2.78	95.45	Skew	-0.21	
170	0.09	3.50	0.46	0.91	96.36	Kurt.	1.41	
200	0.07	3.75	0.15	0.29	96.64			
230	0.06	4.00	0.12	0.24	96.88			
Pan			0.16	0.32	97.20			
Total			49.53	97.20	97.20			

Cu = 4.58

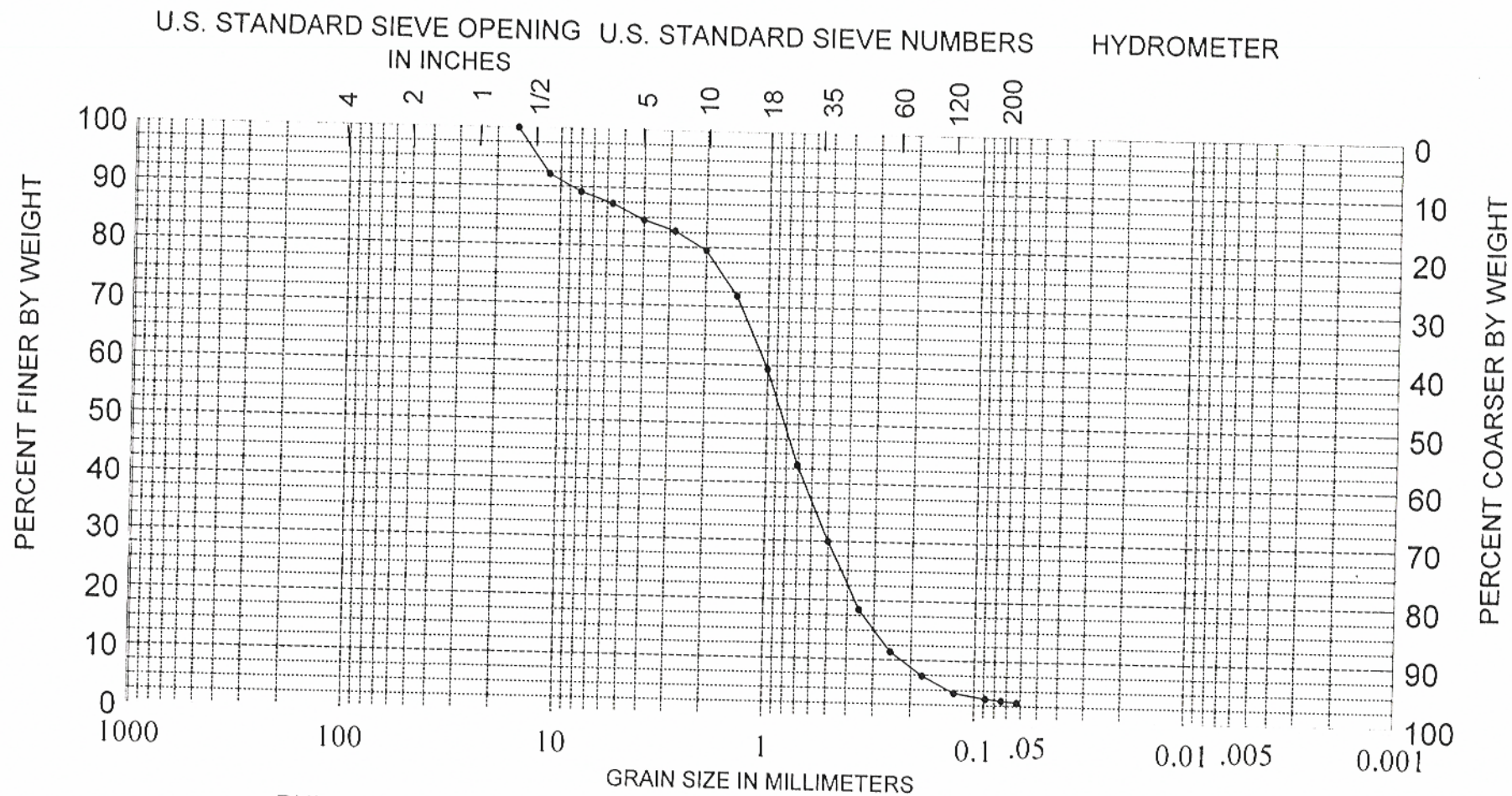
Gravel
Coarse Sand
ed. Sand
Fine Sand
Silt/Clay

14 %
6 %
55 %
21 %
3 %

Cc = 1.10

SEA, INC.

Moment		Statistics	
		Phi	mm
Mean		0.13	0.91
St. Dev.		1.83	0.28
Skewness		-0.73	
Kurtosis		2.82	



COBBLES

GRAVEL

SAND

SILT OR CLAY

COARSE

FINE

COARSE

MEDIUM

FINE

SAMPLE NO.

ELEV.

CLASSIFICATION

Medium sand (SP)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-7

DATE March, 2000

0.5

-162.4