

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=956757.100 Y=504431.200				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 99-6R2				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 3 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 -74.6 Ft.			
9. TOTAL DEPTH OF HOLE 7.0 Ft.				18. TOTAL CORE RECOVERY FOR BORING 79 %			
				19. SIGNATURE OF G. ZARILLO, SEA, INC			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-74.6	.0					-74.6	0
			Pale brown to white medium to fine carbonate sand, shell fragments to 1/2 inch. 10 YR 8/1-8/2 (SP-GW)		0.5		
					2.0		
				100		Gravel layer, 2.7-2.9 ft.	2.5
					4.0		
-80.2	5.6					-80.2	5
				0			
-81.6	7.0		Penetration depth			-81.6	7.5
							10
							12.5
							15
							17.5
							20
						Composite 0-5.6 ft.	22.5

## Sediment Analysis Data Sheet

Sample DCV-6R2-0.5

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	0.00	0.00	0.00			
5/16	8.00	-3.00	0.00	0.00	0.00			
1/4	5.66	-2.50	0.00	0.00	0.00	5% :	-0.35	1.27
5	4.00	-2.00	0.00	0.00	0.00	16% :	0.73	0.60
7	2.83	-1.50	0.24	0.74	0.74	25% :	1.21	0.43
10	2.00	-1.00	0.20	0.61	1.35	50% :	2.20	0.22
14	1.41	-0.50	0.87	2.72	4.07	75% :	2.91	0.13
18	1.00	0.00	0.99	3.09	7.16	84% :	3.30	0.10
25	0.71	0.50	1.59	4.96	12.13	95% :	4.20	0.05
35	0.50	1.00	2.70	8.44	20.57			
45	0.35	1.50	3.36	10.50	31.07	Med.	2.20	0.22
60	0.25	2.00	3.85	12.06	43.13	Mean	2.08	0.24
80	0.18	2.50	5.43	16.98	60.12	St Dev.	1.33	
120	0.13	3.00	5.80	18.14	78.25	Skew	-0.13	
170	0.09	3.50	3.06	9.56	87.82	Kurt.	1.10	
200	0.07	3.75	0.67	2.09	89.90			
230	0.06	4.00	0.51	1.58	91.48			
Pan			0.07	0.22	91.70			
Total			29.30	91.70	91.70			

Moment		Statistics	
		Phi	mm
Mean		2.09	0.24
St. Dev.		1.18	0.44
Skewness		-0.89	
Kurtosis		3.26	

Cu =	0.02	Gravel	0	%
		Coarse Sand	1	%
		ed. Sand	24	%
Cc =	0.01	Fine Sand	66	%
		Silt/Clay	9	%

SEA, INC.





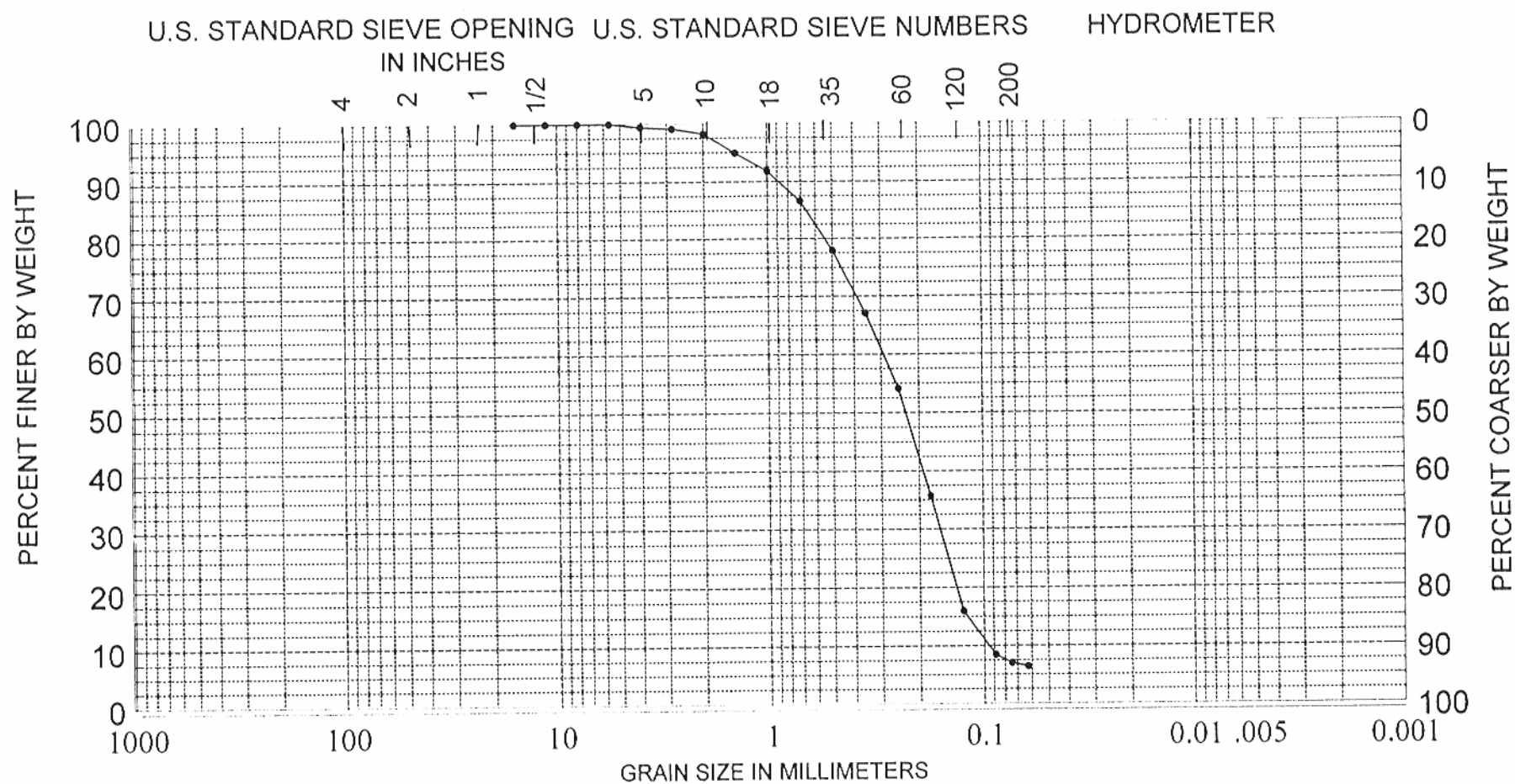
## Sediment Analysis Data Sheet

Sample DCV-6R2-2.0

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	0.00	0.00	0.00			
5/16	8.00	-3.00	0.00	0.00	0.00			
1/4	5.66	-2.50	0.00	0.00	0.00	5% :	-0.51	1.43
5	4.00	-2.00	0.21	0.61	0.61	16% :	0.65	0.64
7	2.83	-1.50	0.10	0.28	0.89	25% :	1.14	0.45
10	2.00	-1.00	0.29	0.85	1.74	50% :	2.11	0.23
14	1.41	-0.50	1.15	3.34	5.08	75% :	2.77	0.15
18	1.00	0.00	1.06	3.09	8.17	84% :	3.00	0.13
25	0.71	0.50	1.79	5.19	13.36	95% :	4.10	0.06
35	0.50	1.00	2.97	8.64	22.00			
45	0.35	1.50	3.77	10.95	32.95	Med.	2.11	0.23
60	0.25	2.00	4.45	12.94	45.89	Mean	1.92	0.26
80	0.18	2.50	6.31	18.36	64.25	St Dev.	1.29	
120	0.13	3.00	6.81	19.81	84.05	Skew	-0.19	
170	0.09	3.50	2.58	7.50	91.55	Kurt.	1.16	
200	0.07	3.75	0.49	1.42	92.97			
230	0.06	4.00	0.21	0.62	93.59			
Pan			0.04	0.11	93.70			
Total			32.23	93.70	93.70			
						Moment Statistics		
							Phi	mm
Cu =	3.08	Gravel			0	%	Mean	2.00 0.25
		Coarse Sand			1	%	St. Dev.	1.19 0.44
		ed. Sand			26	%	Skewness	-1.00
Cc =	0.92	Fine Sand			66	%	Kurtosis	3.71
		Silt/Clay			6	%		

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.

2.0

ELEV.

-76.6

CLASSIFICATION

Medium to fine sand (SP)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-6R2

DATE March, 2000

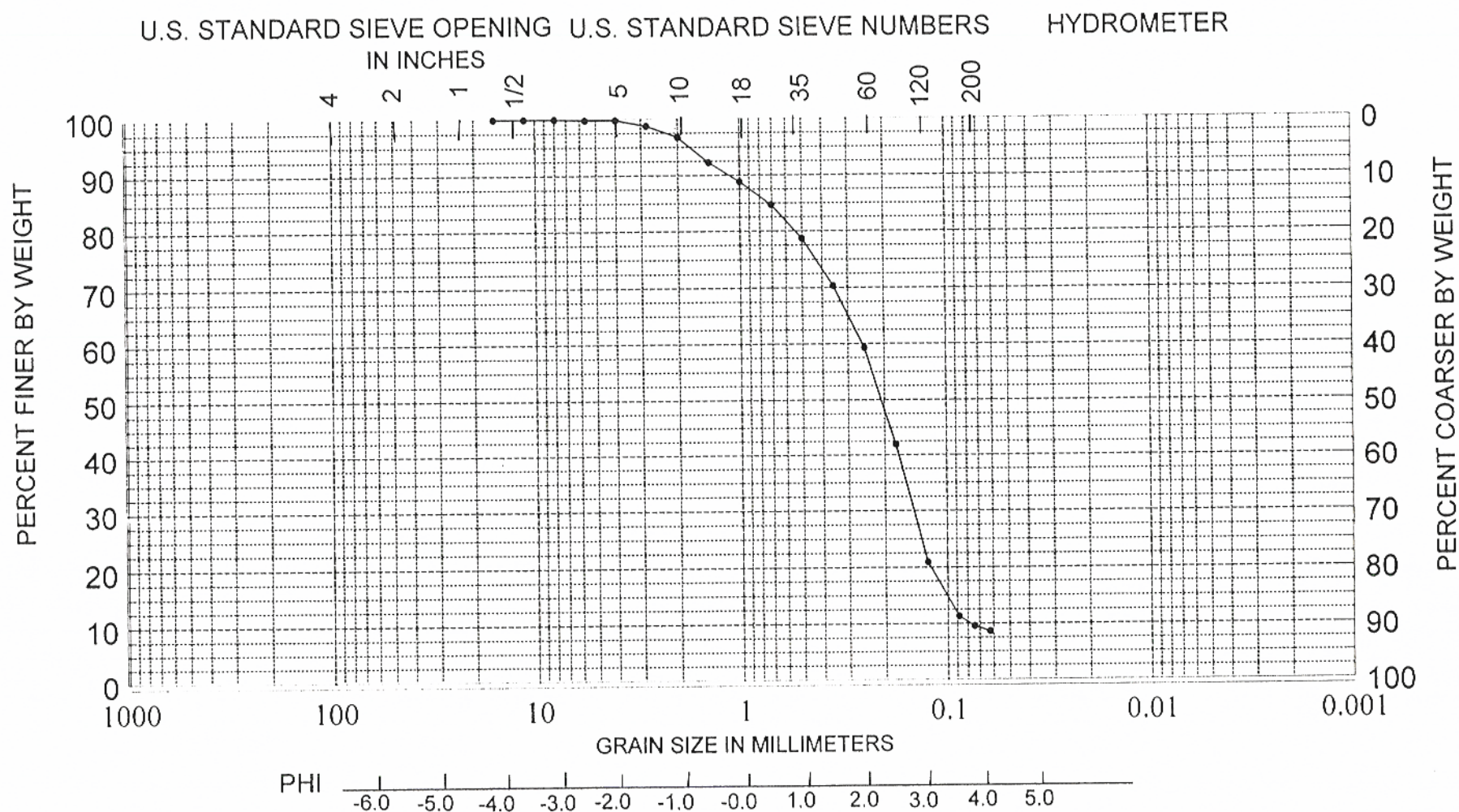
## Sediment Analysis Data Sheet

Sample DCV-6R2-4.0

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	0.07	0.20	0.20	5% :	-0.80	1.74
5	4.00	-2.00	0.00	0.00	0.20	16% :	0.56	0.68
7	2.83	-1.50	0.34	1.01	1.20	25% :	1.22	0.43
10	2.00	-1.00	0.68	2.03	3.23	50% :	2.27	0.21
14	1.41	-0.50	1.50	4.48	7.71	75% :	2.90	0.13
18	1.00	0.00	1.15	3.44	11.15	84% :	3.26	0.10
25	0.71	0.50	1.38	4.10	15.25	95% :	4.10	0.06
35	0.50	1.00	2.04	6.07	21.32			
45	0.35	1.50	2.80	8.34	29.66	Med.	2.27	0.21
60	0.25	2.00	3.71	11.04	40.70	Mean	2.03	0.25
80	0.18	2.50	5.82	17.34	58.04	St Dev.	1.42	
120	0.13	3.00	7.05	21.02	79.06	Skew	-0.26	
170	0.09	3.50	3.23	9.62	88.68	Kurt.	1.19	
200	0.07	3.75	0.59	1.76	90.44			
230	0.06	4.00	0.31	0.91	91.36			
Pan			0.01	0.04	91.40			
Total			30.67	91.40	91.40			
						Moment	Statistics	
							Phi	mm
Cu =	3.15	Gravel			0	%	Mean	2.02 0.25
		Coarse Sand			3	%	St. Dev.	1.33 0.40
		ed. Sand			22	%	Skewness	-1.08
Cc =	1.02	Fine Sand			66	%	Kurtosis	3.43
		Silt/Clay			9	%		

SEA, INC.





COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
4.0	-78.6	Medium to fine sand (SP)	Dade County Deepwater Study
			AREA Dade Co., Florida
			BORING NO. DCV-6R2
			DATE March, 2000