

## 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	%

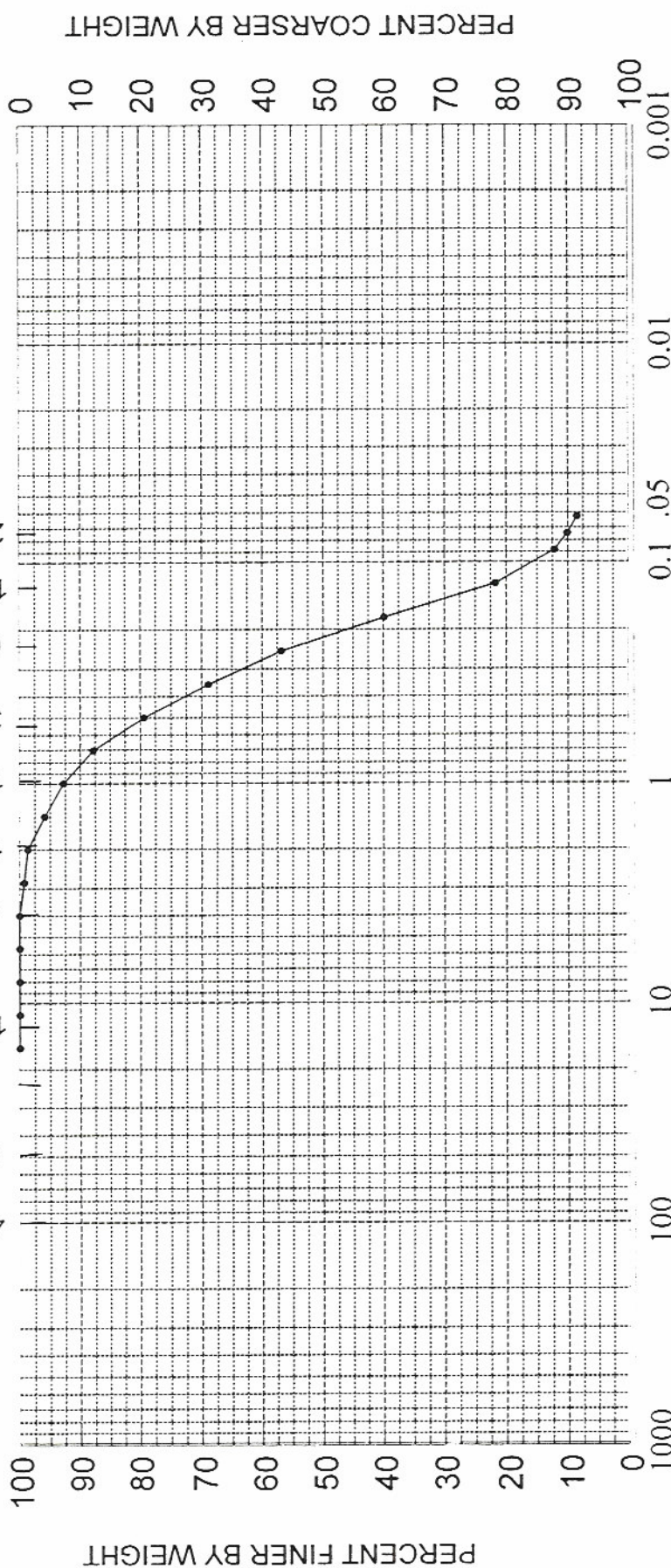
SEA, INC.

HYDROMETER

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS

IN INCHES

200  
120  
60  
35  
18  
10  
5  
1/2  
1  
2  
4



GRAIN SIZE IN MILLIMETERS

PHI

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO. 0.5	ELEV.	CLASSIFICATION Medium to fine sand (SP)				PROJECT	Dade County Deepwater Study
	-75.1					AREA	Dade Co., Florida
						BORING NO.	DCV-6R2
						DATE	March, 2000

## Sediment Analysis Data Sheet

Sample DCV-6R2-2.0

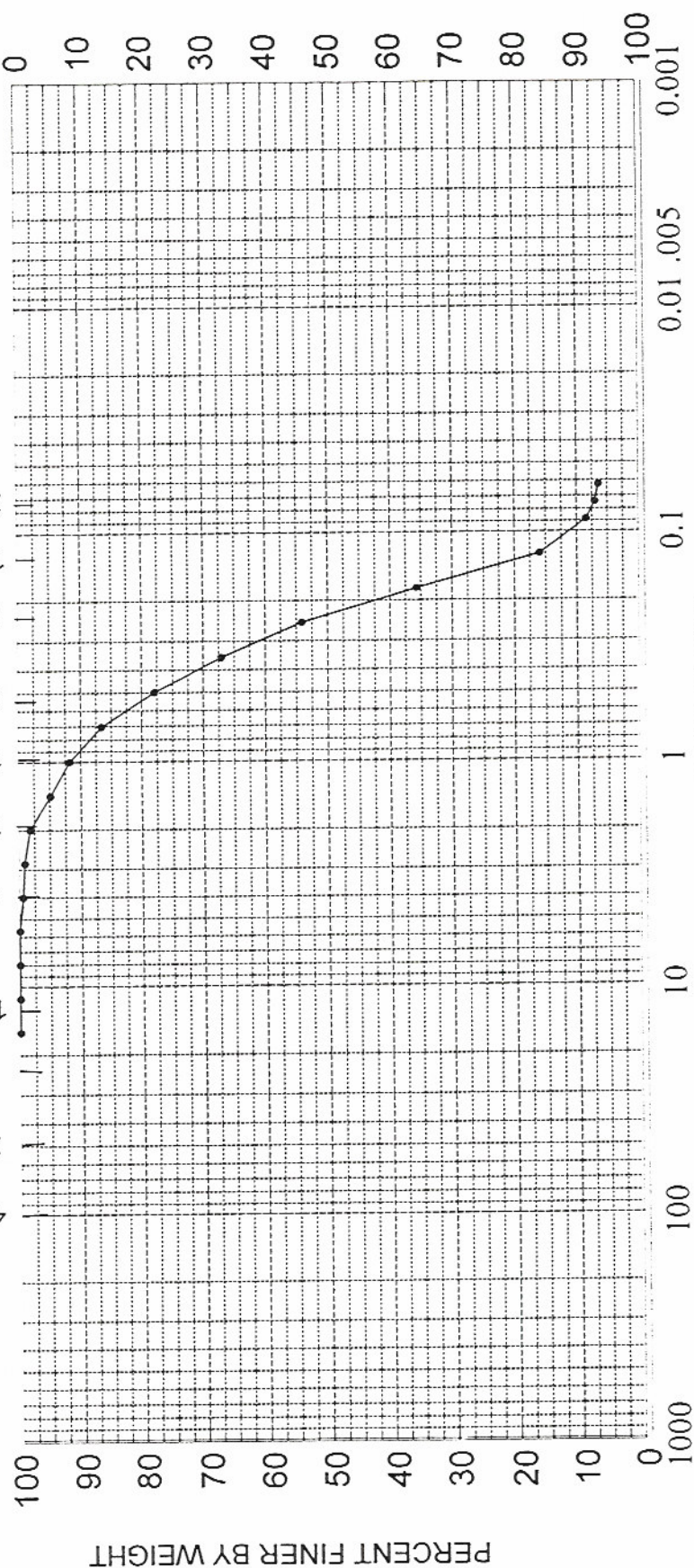
Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics	
							phi	mm
5/8	16.00	-4.00	0.00	0.00	0.00			
1/2	11.31	-3.50	0.00	0.00	0.00			
5/16	8.00	-3.00	0.00	0.00	0.00			
1/4	5.66	-2.50	0.00	0.00	0.00	5% :	-0.51	1.43
5	4.00	-2.00	0.21	0.61	0.61	16% :	0.65	0.64
7	2.83	-1.50	0.10	0.28	0.89	25% :	1.14	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.



# U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS HYDROMETER

IN INCHES



GRAIN SIZE IN MILLIMETERS

PHI

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

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.



# HYDROMETER

# U.S. STANDARD SIEVE NUMBERS

IN INCHES

200

120

60

35

18

10

5

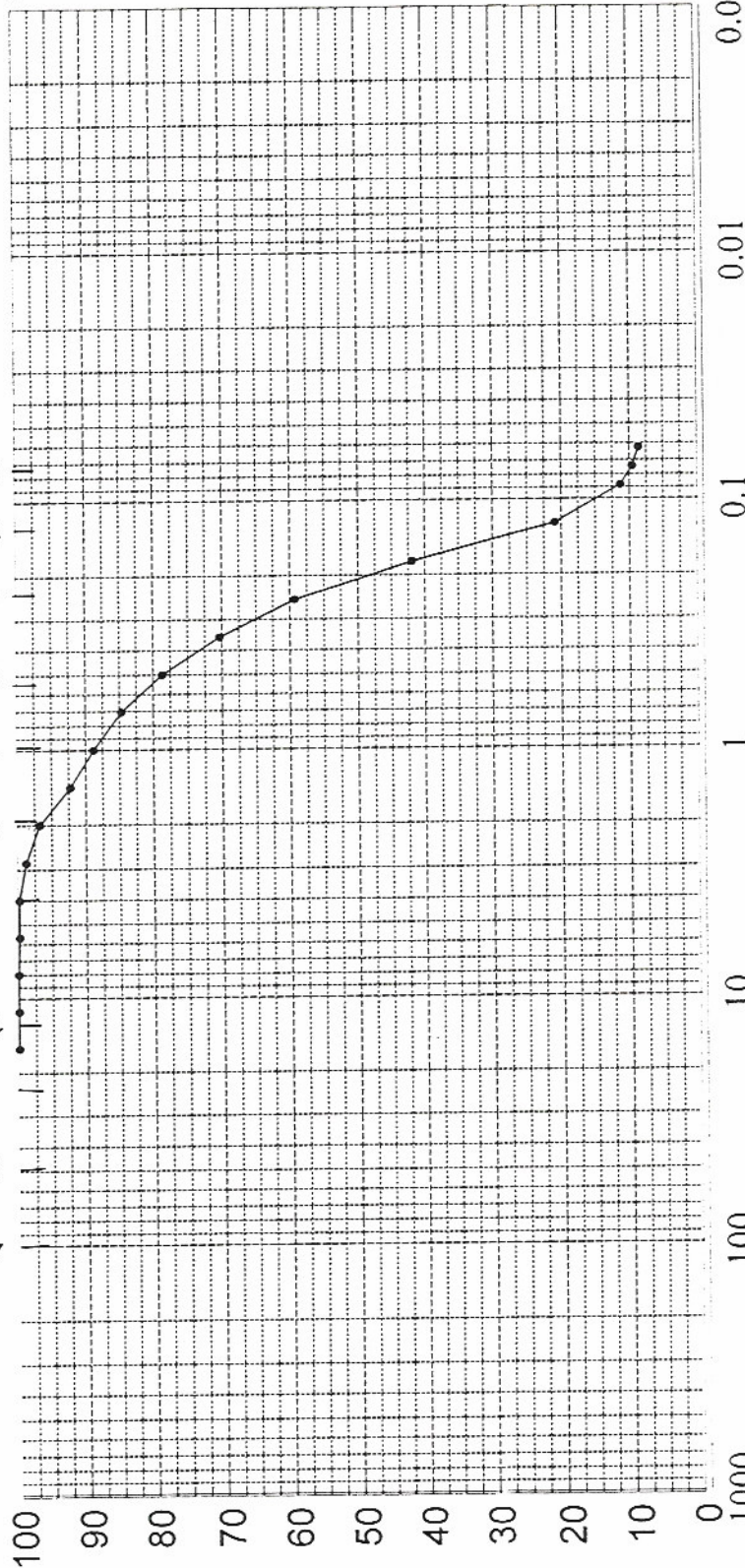
1/2

1

2

4

PERCENT FINER BY WEIGHT



PERCENT COARSER BY WEIGHT

GRAIN SIZE IN MILLIMETERS

PHI

COBBLES

GRAVEL

SAND

SILT OR CLAY

SAMPLE NO.

ELEV.

CLASSIFICATION

PROJECT

4.0

-78.6

Medium to fine sand (SP)

AREA

BORING NO.

DATE

PROJECT	Dade County Deepwater Study
AREA	Dade Co., Florida
BORING NO.	DCV-6R2
DATE	March, 2000