

Sediment Analysis Data Sheet

Sample DCV-5-0.5

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	4.40	10.16	10.16			
1/4	5.66	-2.50	4.57	10.54	20.70	5% :	-3.25	9.54
5	4.00	-2.00	1.86	4.29	24.99	16% :	-2.72	6.60
7	2.83	-1.50	1.07	2.46	27.45	25% :	-2.00	3.99
10	2.00	-1.00	0.71	1.63	29.08	50% :	1.46	0.36
14	1.41	-0.50	1.08	2.50	31.58	75% :	2.56	0.17
18	1.00	0.00	1.13	2.60	34.19	84% :	2.81	0.14
25	0.71	0.50	1.66	3.84	38.02	95% :	3.76	0.07
35	0.50	1.00	2.26	5.22	43.25			
45	0.35	1.50	3.18	7.35	50.60	Med.	1.46	0.36
60	0.25	2.00	3.97	9.17	59.77	Mean	0.52	0.70
80	0.18	2.50	5.69	13.13	72.90	St Dev.	2.45	
120	0.13	3.00	7.73	17.85	90.75	Skew	-0.43	
170	0.09	3.50	1.36	3.14	93.89	Kurt.	0.63	
200	0.07	3.75	0.37	0.86	94.75			
230	0.06	4.00	0.31	0.71	95.46			
Pan			0.32	0.74	96.20			
Total			41.67	96.20	96.20			
						Moment	Statistics	
							Phi	mm
Cu =	4.89	Gravel			23 %	Mean	0.62	0.65
		Coarse Sand			6 %	St. Dev.	2.38	0.19
		ed. Sand			18 %	Skewness	-0.53	
Cc =	0.46	Fine Sand			49 %	Kurtosis	1.65	
		Silt/Clay			5 %			

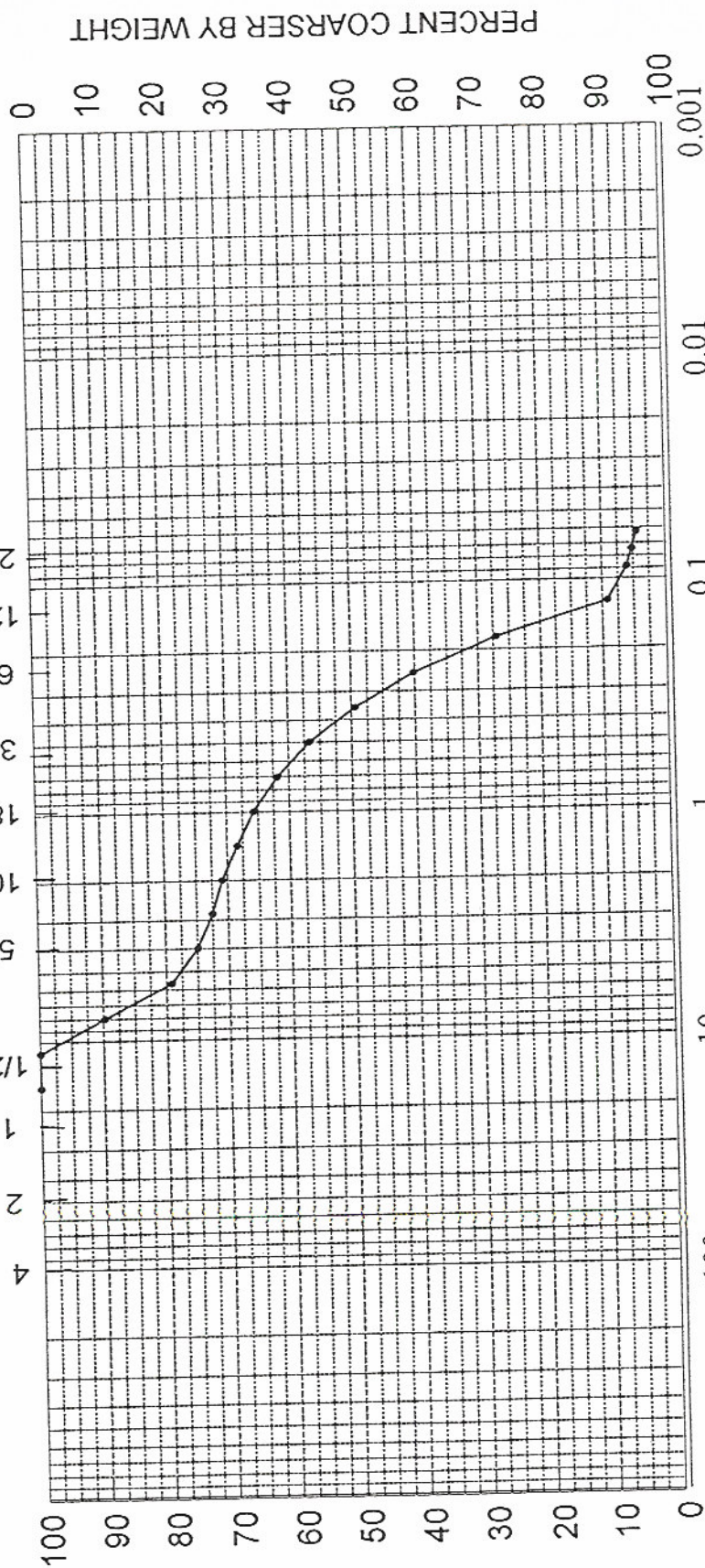
SEA, INC.

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	

CLASSIFICATION		PROJECT	
SAMPLE NO.	ELEV.	Dade County Deepwater Study	
0.5	-129.1	AREA	Dade Co., Florida
		BORING NO.	DCV-5
		DATE	March, 2000

Sediment Analysis Data Sheet

Sample DCV-5-2.0

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	0.46	1.07	1.07	5% :	-1.24	2.36
5	4.00	-2.00	0.21	0.50	1.57	16% :	-0.02	1.01
7	2.83	-1.50	0.83	1.94	3.50	25% :	0.56	0.68
10	2.00	-1.00	1.23	2.87	6.37	50% :	1.94	0.26
14	1.41	-0.50	2.01	4.66	11.03	75% :	2.80	0.14
18	1.00	0.00	2.24	5.19	16.22	84% :	3.19	0.11
25	0.71	0.50	3.31	7.68	23.89	95% :	4.10	0.06
35	0.50	1.00	3.85	8.94	32.83			
45	0.35	1.50	3.93	9.13	41.96	Med.	1.94	0.26
60	0.25	2.00	3.94	9.15	51.11	Mean	1.70	0.31
80	0.18	2.50	6.05	14.05	65.16	St Dev.	1.61	
120	0.13	3.00	7.06	16.39	81.55	Skew	-0.21	
170	0.09	3.50	2.72	6.32	87.88	Kurt.	0.98	
200	0.07	3.75	0.72	1.67	89.54			
230	0.06	4.00	0.64	1.48	91.02			
Pan			0.29	0.68	91.70			
Total			39.49	91.70	91.70			
						Moment Statistics		
							Phi	mm
Cu =	0.16	Gravel			1	%	Mean	1.62 0.32
		Coarse Sand			5	%	St. Dev.	1.51 0.35
		ed. Sand			31	%	Skewness	-0.79
Cc =	0.03	Fine Sand			54	%	Kurtosis	2.81
		Silt/Clay			9	%		

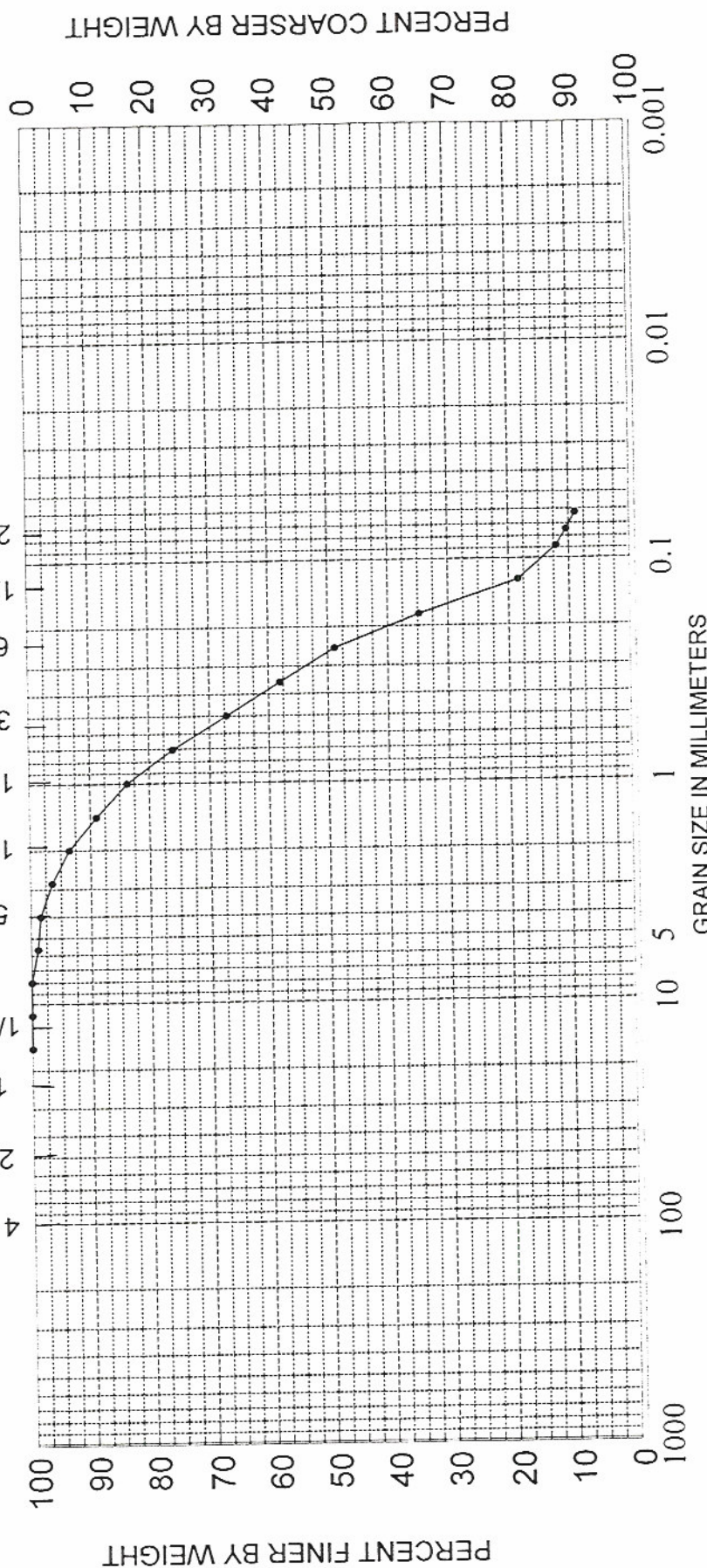
SEA, INC.

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



PHI

SILT OR CLAY

SAND

GRAVEL

COBBLES

FINE

MEDIUM

COARSE

COARSE

CLASSIFICATION

Medium to fine sand (SP)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-5

DATE March, 2000

SAMPLE NO. ELEV.

2.0 -130.6

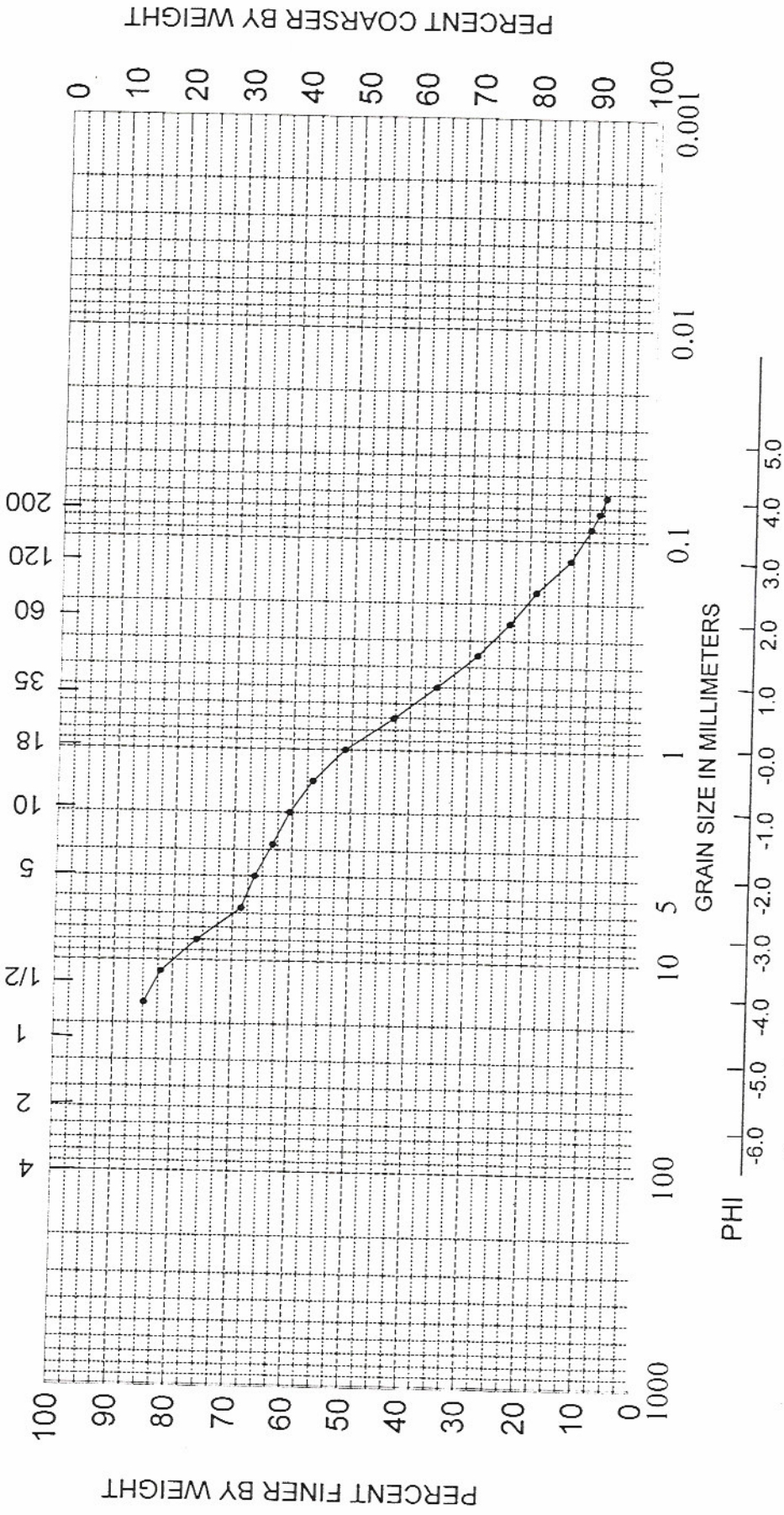
Sediment Analysis Data Sheet

Sample DCV-5-4.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi mm	
5/8	16.00	-4.00	9.23	15.12	15.12			
1/2	11.31	-3.50	1.72	2.82	17.94			
5/16	8.00	-3.00	3.69	6.04	23.99			
1/4	5.66	-2.50	4.52	7.40	31.39	5% :	-4.60	24.25
5	4.00	-2.00	1.37	2.24	33.63	16% :	-3.84	14.36
7	2.83	-1.50	1.83	3.00	36.62	25% :	-2.93	7.63
10	2.00	-1.00	1.77	2.89	39.52	50% :	0.07	0.95
14	1.41	-0.50	2.39	3.92	43.43	75% :	1.84	0.28
18	1.00	0.00	3.33	5.46	48.89	84% :	2.74	0.15
25	0.71	0.50	5.04	8.26	57.15	95% :	4.10	0.06
35	0.50	1.00	4.48	7.34	64.49			
45	0.35	1.50	4.16	6.82	71.31	Med.	0.07	0.95
60	0.25	2.00	3.32	5.44	76.75	Mean	-0.34	1.27
80	0.18	2.50	2.71	4.44	81.19	St Dev.	2.97	
120	0.13	3.00	3.52	5.76	86.95	Skew	-0.13	
170	0.09	3.50	2.07	3.39	90.34	Kurt.	0.75	
200	0.07	3.75	0.84	1.38	91.72			
230	0.06	4.00	0.62	1.12	92.84			
Pan			0.41	0.67	93.52			
Total			57.03	93.52	93.52			
						Moment Statistics		
							Phi	mm
Cu =	20.93	Gravel			33 %	Mean	-0.53	1.44
		Coarse Sand			7 %	St. Dev.	2.61	0.16
		ed. Sand			28 %	Skewness	-0.13	
Cc =	0.81	Fine Sand			25 %	Kurtosis	1.55	
		Silt/Clay			7 %			

SEA, INC.

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



SAMPLE NO. 4.0	ELEV. -132.6	CLASSIFICATION				PROJECT Dade County Deepwater Study AREA Dade Co., Florida BORING NO. DCV-5 DATE March, 2000
		Well Graded medium to fine sand and gravel (SW)				

COBBLES	GRAVEL COARSE FINE	SAND COARSE MEDIUM FINE	SILT OR CLAY
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