

Sediment Analysis Data Sheet

Sample DCV-2-1.0

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	8.43	17.35	17.35			
5/16	8.00	-3.00	3.75	7.71	25.06			
1/4	5.66	-2.50	2.76	5.68	30.74			
5	4.00	-2.00	2.43	5.01	35.75	5% :	-3.86	14.48
7	2.83	-1.50	2.60	5.35	41.10	16% :	-3.54	11.62
10	2.00	-1.00	1.64	3.38	44.48	25% :	-3.00	8.02
14	1.41	-0.50	1.67	3.44	47.92	50% :	-0.18	1.14
18	1.00	0.00	1.59	3.27	51.20	75% :	1.89	0.27
25	0.71	0.50	2.44	5.02	56.22	84% :	2.53	0.17
35	0.50	1.00	3.06	6.30	62.51	95% :	3.86	0.07
45	0.35	1.50	3.43	7.06	69.57			
60	0.25	2.00	3.37	6.94	76.52	Med.	-0.18	1.14
80	0.18	2.50	3.48	7.15	83.67	Mean	-0.40	1.32
120	0.13	3.00	3.09	6.36	90.03	St Dev.	2.69	
170	0.09	3.50	1.69	3.47	93.50	Skew	-0.03	
200	0.07	3.75	0.44	0.90	94.40	Kurt.	0.65	
230	0.06	4.00	0.40	0.83	95.23			
Pan			0.52	1.07	96.30			
Total			46.79	96.30	96.30			
						Moment	Statistics	
							Phi	mm
Cu =	24.26	Gravel			33	%	Mean	-0.46
		Coarse Sand			11	%	St. Dev.	2.53
		ed. Sand			22	%	Skewness	0.01
Cc =	0.32	Fine Sand			29	%	Kurtosis	1.44
		Silt/Clay			5	%		

SEA, INC.

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

IN INCHES

200

120

60

35

18

10

5

1/2

1

2

4

PERCENT FINER BY WEIGHT

100

90

80

70

60

50

40

30

20

10

0

PERCENT COARSER BY WEIGHT

0

10

20

30

40

50

60

70

80

90

100

1000

100

10

1

0.1

0.01

0.001

GRAIN SIZE IN MILLIMETERS

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		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION				PROJECT
1.0	-165.3	Well graded sand and gravel (GW)				Dade County Deepwater Study
						AREA Dade Co., Florida
						BORING NO. DCV-2
						DATE March, 2000

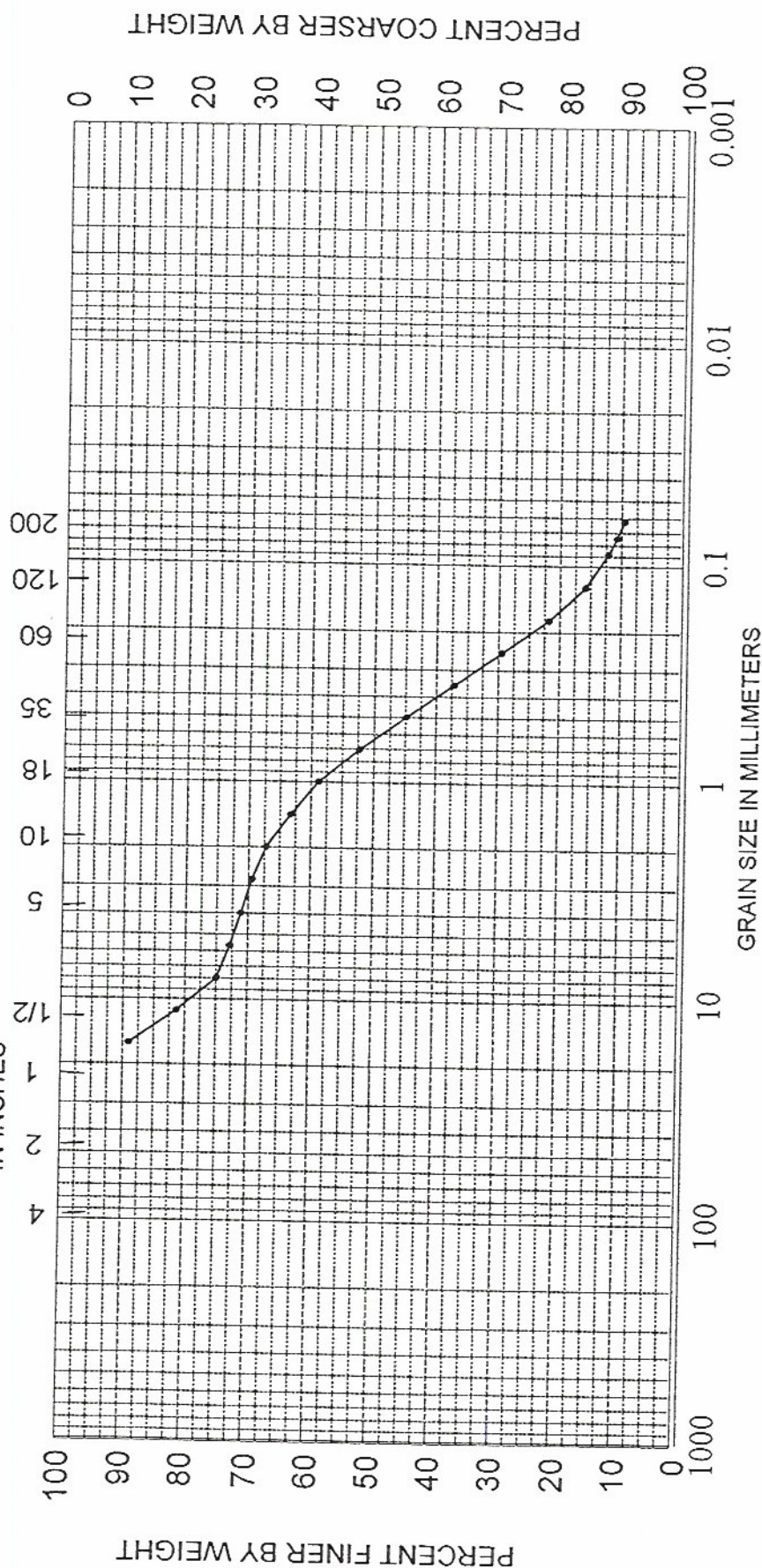
Sediment Analysis Data Sheet

Sample DCV-2-5.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi mm	
5/8	16.00	-4.00	5.45	10.95	10.95			
1/2	11.31	-3.50	3.79	7.63	18.58			
5/16	8.00	-3.00	3.19	6.42	25.00			
1/4	5.66	-2.50	0.99	2.00	27.00			
5	4.00	-2.00	0.89	1.79	28.79	5% :	-4.30	19.70
7	2.83	-1.50	0.84	1.69	30.48	16% :	-3.67	12.72
10	2.00	-1.00	1.10	2.21	32.68	25% :	-3.00	8.00
14	1.41	-0.50	1.94	3.91	36.59	50% :	0.66	0.63
18	1.00	0.00	2.22	4.46	41.05	75% :	2.29	0.20
25	0.71	0.50	3.26	6.56	47.61	84% :	3.00	0.13
35	0.50	1.00	3.75	7.55	55.16	95% :	4.30	0.05
45	0.35	1.50	3.80	7.64	62.80	Med.	0.66	0.63
60	0.25	2.00	3.81	7.67	70.47	Mean	-0.01	1.00
80	0.18	2.50	3.82	7.69	78.16	St Dev.	2.97	
120	0.13	3.00	2.93	5.90	84.06	Skew	-0.23	
170	0.09	3.50	1.88	3.77	87.83	Kurt.	0.67	
200	0.07	3.75	0.67	1.35	89.18			
230	0.06	4.00	0.58	1.16	90.34			
Pan			0.98	1.96	92.30			
Total			45.89	92.30	92.30			
						Moment	Statistics	
Cu =	0.72				28 %	Mean	Phi	mm
		Gravel					-0.18	1.13
		Coarse Sand			5 %	St. Dev.	2.65	0.16
		ed. Sand			26 %	Skewness	-0.35	
Cc =	0.04	Fine Sand			31 %	Kurtosis	1.59	
		Silt/Clay			10 %			

SEA, INC.

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



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		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION				PROJECT
5.0	-169.3	Muddy sand and gravel (SM)				Dade County Deepwater Study
						AREA Dade Co., Florida
						BORING NO. DCV-2
						DATE March, 2000