

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

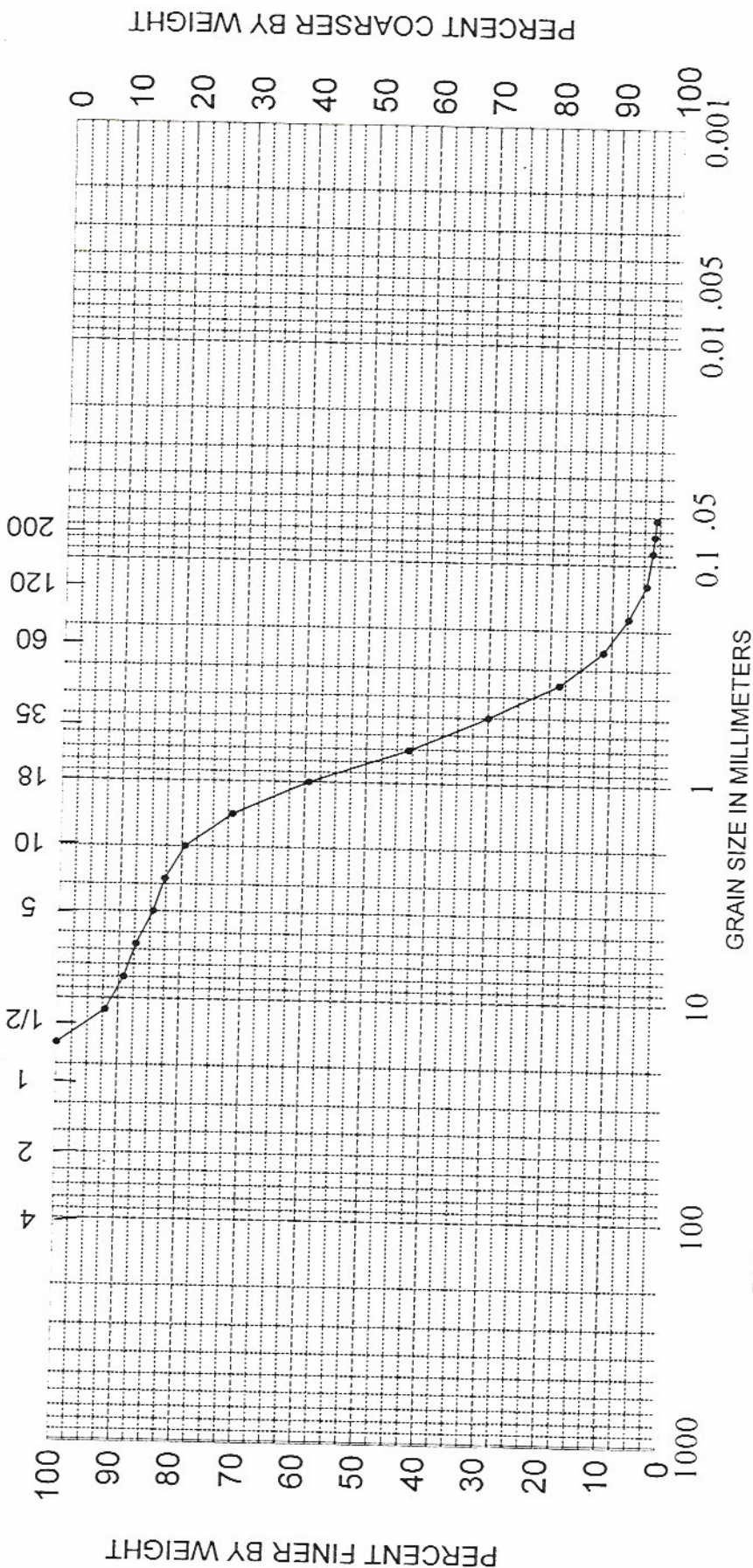
14 %
6 %
55 %
21 %
3 %

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	

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



PHI

COBBLES

GRAVEL
COARSE FINE

SAND
COARSE MEDIUM FINE

SILT OR CLAY

SAMPLE NO.

0.5

ELEV.

-162.4

CLASSIFICATION

Medium sand (SP)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-7

DATE March, 2000