

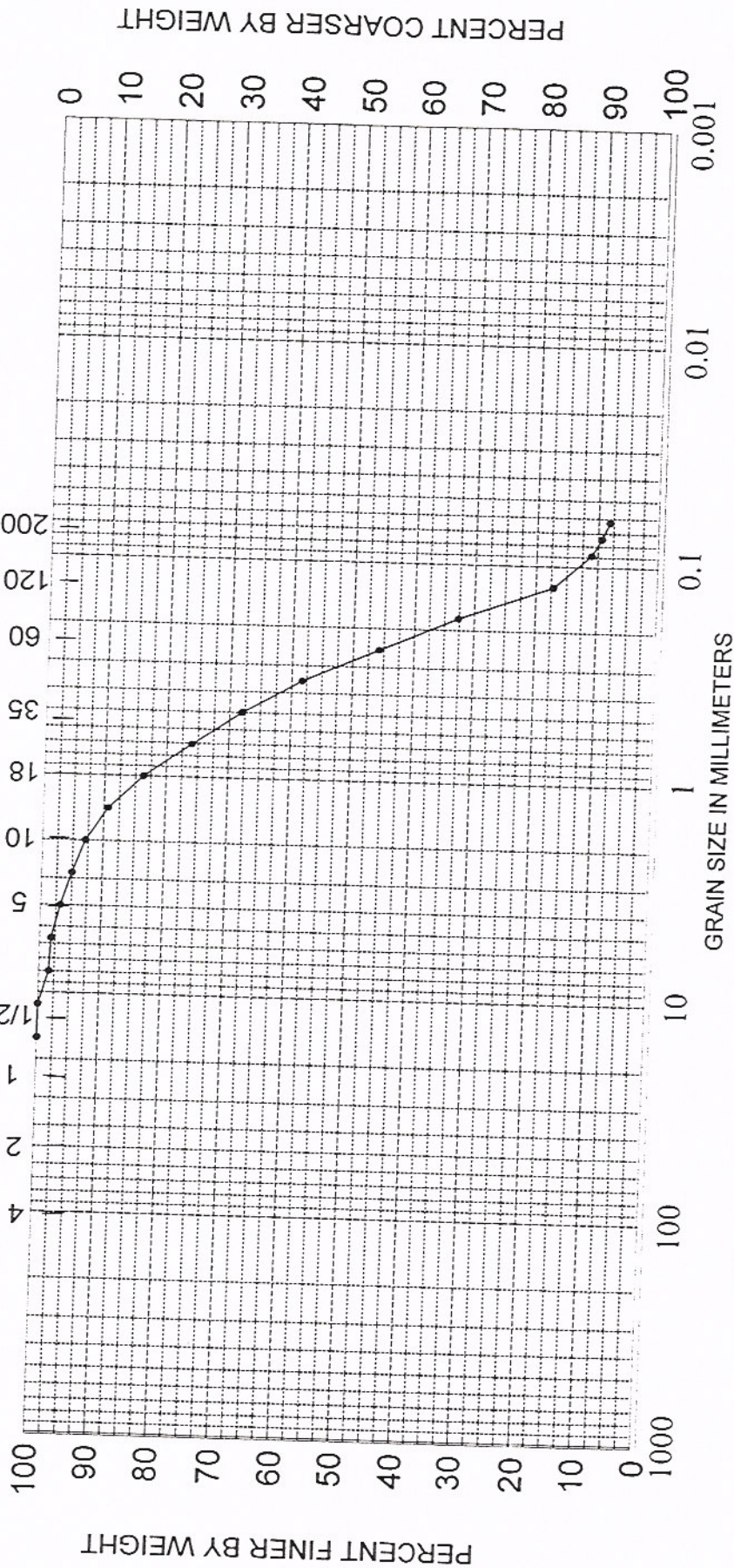
Sample DCV-15-1.0

SEA, INC.

U.S. STANDARD SIEVE OPENING
IN INCHES

HYDROMETER

U.S. STANDARD SIEVE NUMBERS



GRAIN SIZE IN MILLIMETERS

PHI

SAMPLE NO.	ELEV.	CLASSIFICATION					PROJECT	DATE
		COBBLES	GRAVEL	SAND	SILT OR CLAY			
1.0	-128.4		COARSE	FINE	COARSE	MEDIUM	FINE	
		Medium to fine sand (SP)					Dade County Deepwater Study	
							AREA	Dade Co., Florida
							BORING NO.	DCV-15
							DATE	March, 2000

Sediment Analysis Data Sheet

Sample DCV-15-5.0

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	4.00	-2.00	0.18	0.30	0.30	5% :	-0.66	1.58
7	2.83	-1.50	0.48	0.79	1.09	16% :	0.29	0.82
10	2.00	-1.00	1.18	1.93	3.02	25% :	0.78	0.58
14	1.41	-0.50	1.77	2.89	5.91	50% :	1.86	0.27
18	1.00	0.00	2.95	4.81	10.72	75% :	2.77	0.15
25	0.71	0.50	5.53	9.03	19.75	84% :	3.13	0.11
35	0.50	1.00	5.83	9.52	29.26	95% :	4.60	0.04
45	0.35	1.50	6.99	11.40	40.66	Med.	1.86	0.27
60	0.25	2.00	7.85	12.81	53.47	Mean	1.76	0.29
80	0.18	2.50	7.79	12.71	66.18	St Dev.	1.51	
120	0.13	3.00	9.97	16.26	82.44	Skew	-0.03	
170	0.09	3.50	3.64	5.93	88.37	Kurt.	1.08	
200	0.07	3.75	1.09	1.77	90.14			
230	0.06	4.00	0.82	1.33	91.47			
Pan			0.81	1.33	92.80			
Total			56.89	92.80	92.80			
						Moment Statistics		
							Phi	mm
Cu =	4.72	Gravel			0	%	Mean	1.76 0.30
		Coarse Sand			3	%	St. Dev.	1.27 0.41
		ed. Sand			32	%	Skewness	-0.62
Cc =	0.96	Fine Sand			57	%	Kurtosis	2.75
		Silt/Clay			9	%		

SEA, INC.

