

## Sediment Analysis Data Sheet

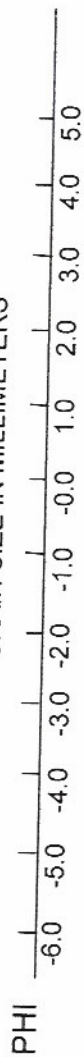
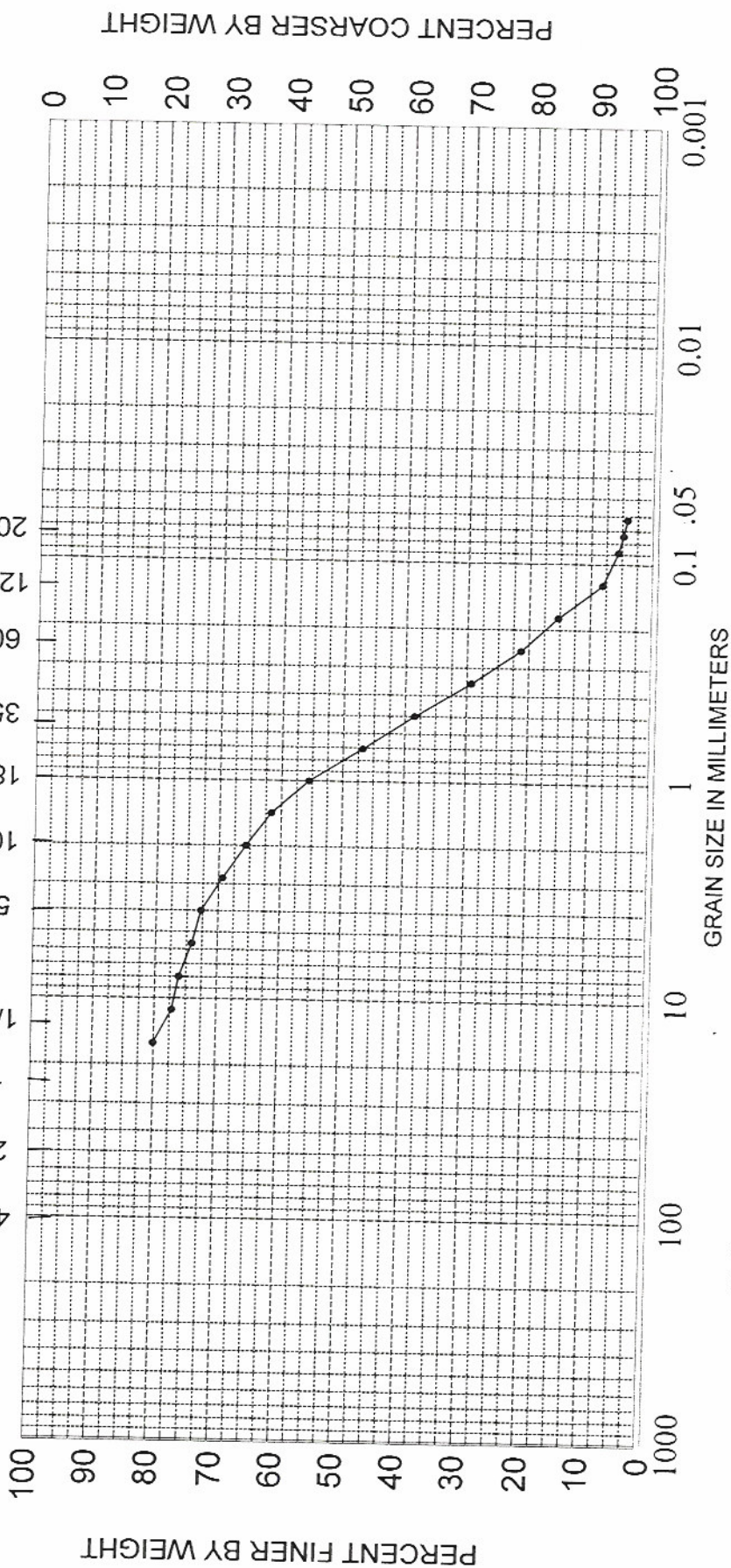
Sample DCV-4-1.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics	
							phi	mm
5/8	16.00	-4.00	12.09	19.88	19.88			
1/2	11.31	-3.50	1.79	2.94	22.82			
5/16	8.00	-3.00	0.65	1.07	23.88			
1/4	5.66	-2.50	1.20	1.97	25.86	5% :	-5.00	32.00
5	4.00	-2.00	0.84	1.37	27.23	16% :	-4.05	16.56
7	2.83	-1.50	2.05	3.37	30.60	25% :	-2.72	6.58
10	2.00	-1.00	2.26	3.71	34.31	50% :	0.32	0.80
14	1.41	-0.50	2.49	4.09	38.40	75% :	1.77	0.29
18	1.00	0.00	3.70	6.08	44.49	84% :	2.44	0.18
25	0.71	0.50	5.29	8.70	53.19	95% :	3.63	0.08
35	0.50	1.00	5.10	8.39	61.57			
45	0.35	1.50	5.53	9.09	70.66	Med.	0.32	0.80
60	0.25	2.00	4.90	8.06	78.72	Mean	-0.43	1.35
80	0.18	2.50	3.67	6.03	84.75	St Dev.	2.93	
120	0.13	3.00	4.36	7.17	91.92	Skew	-0.29	
170	0.09	3.50	1.51	2.48	94.40	Kurt.	0.79	
200	0.07	3.75	0.48	0.78	95.18			
230	0.06	4.00	0.36	0.60	95.78			
Pan			0.38	0.62	96.40			
Total			58.65	96.40	96.40			
						Moment Statistics		
							Phi	mm
Cu =	9.42	Gravel			27 %	Mean	-0.29	1.22
		Coarse Sand			8 %	St. Dev.	2.62	0.16
		ed. Sand			32 %	Skewness	-0.40	
Cc =	0.74	Fine Sand			30 %	Kurtosis	1.72	
		Silt/Clay			4 %			

SEA, INC.

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

# HYDROMETER



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT	Dade County Deepwater Study
1.0	-117.7	Well graded sand and gravel (SW)	AREA	Dade Co., Florida
			BORING NO.	DCV-4
			DATE	March, 2000

# Sediment Analysis Data Sheet

Sample DCV-4-3.0

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	0.97	2.63	2.63			
1/4	5.66	-2.50	0.73	1.99	4.62			
5	4.00	-2.00	0.46	1.26	5.87	5% :	-2.35	5.09
7	2.83	-1.50	0.81	2.19	8.06	16% :	-0.44	1.36
10	2.00	-1.00	1.05	2.84	10.90	25% :	0.12	0.92
14	1.41	-0.50	1.58	4.28	15.18	50% :	1.27	0.42
18	1.00	0.00	2.66	7.20	22.37	75% :	2.73	0.15
25	0.71	0.50	3.97	10.77	33.15	84% :	3.46	0.09
35	0.50	1.00	3.98	10.80	43.95	95% :	4.30	0.05
45	0.35	1.50	4.19	11.36	55.31	Med.	1.27	0.42
60	0.25	2.00	3.28	8.90	64.21	Mean	1.43	0.37
80	0.18	2.50	2.64	7.14	71.35	St Dev.	1.98	
120	0.13	3.00	2.92	7.92	79.27	Skew	0.02	
170	0.09	3.50	1.92	5.19	84.46	Kurt.	1.04	
200	0.07	3.75	0.82	2.22	86.68			
230	0.06	4.00	0.65	1.77	88.45			
Pan			0.43	1.15	89.60			
Total			33.05	89.60	89.60			

Cu = 0.57

Gravel  
Coarse Sand  
ed. Sand  
Fine Sand  
Silt/Clay

5 %  
6 %  
39 %  
39 %  
12 %

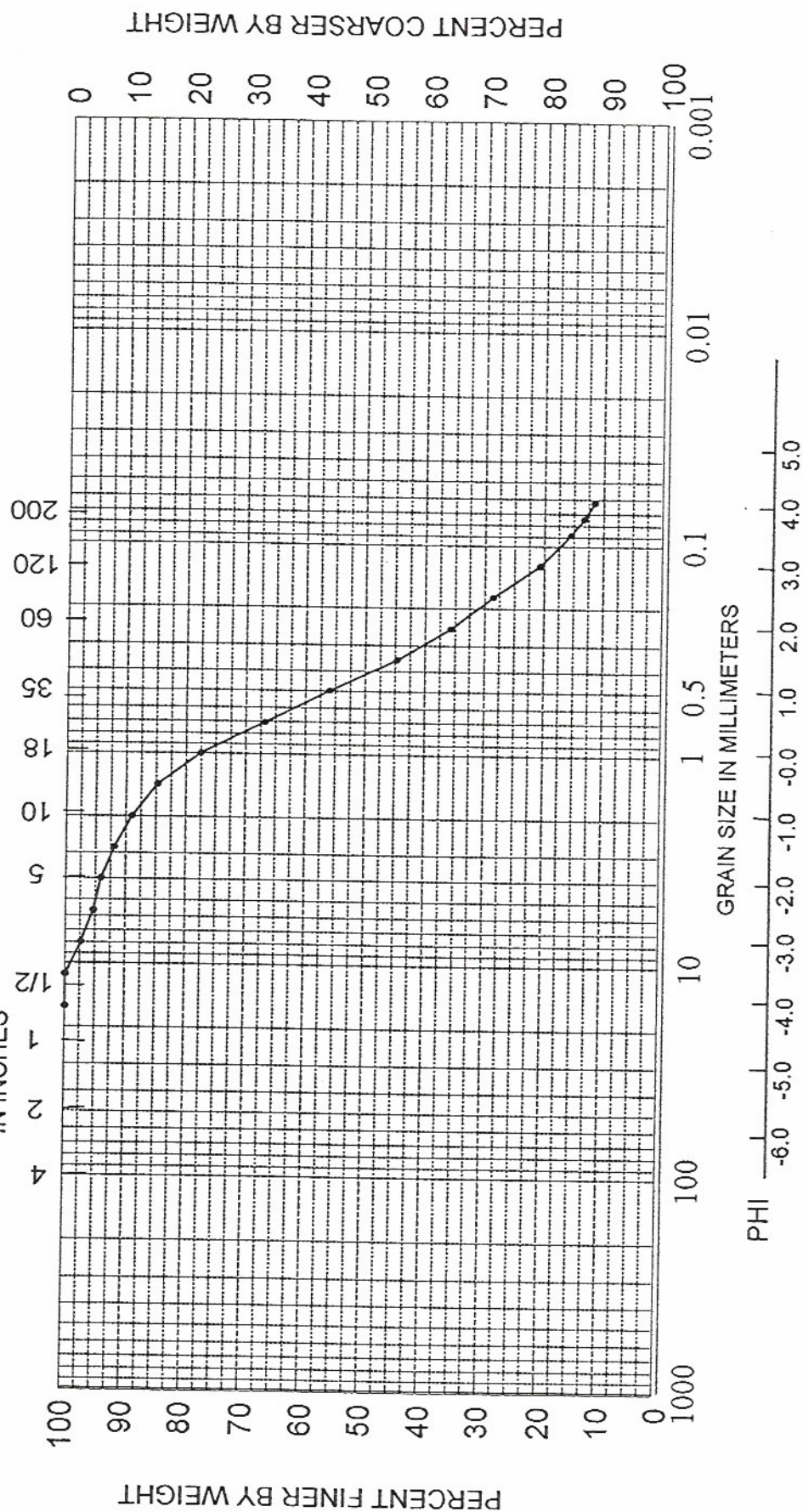
Cc = 0.06

SEA, INC.

Moment	Statistics	
	Phi	mm
Mean	1.10	0.47
St. Dev.	1.72	0.30
Skewness	-0.68	
Kurtosis	2.85	



HYDROMETER



COBBLES		GRAVEL		SAND			SILT OR CLAY
		COARSE	FINE	COARSE	MEDIUM	FINE	
SAMPLE NO.	ELEV.	CLASSIFICATION					PROJECT
3.0	-119.7	Medium to fine muddy sand (SM)					AREA Dade Co., Florida
							BORING NO. DCV-4
							DATE March, 2000