

Sediment Analysis Data Sheet

Sample DCG-20R3-1.0

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	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	0.03	0.07	0.07	5% :	-0.49	1.40
7	2.83	-1.50	0.31	0.77	0.84	16% :	0.68	0.63
10	2.00	-1.00	0.57	1.42	2.26	25% :	1.38	0.38
14	1.41	-0.50	1.06	2.64	4.90	50% :	2.34	0.20
18	1.00	0.00	1.55	3.85	8.74	75% :	2.98	0.13
25	0.71	0.50	2.17	5.41	14.15	84% :	3.40	0.09
35	0.50	1.00	2.11	5.23	19.38	95% :	4.10	0.06
45	0.35	1.50	2.99	7.44	26.83	Med.	2.34	0.20
60	0.25	2.00	4.89	12.15	38.98	Mean	2.14	0.23
80	0.18	2.50	6.55	16.29	55.26	St Dev.	1.38	
120	0.13	3.00	8.27	20.56	75.82	Skew	-0.23	
170	0.09	3.50	4.13	10.28	86.10	Kurt.	1.17	
200	0.07	3.75	1.11	2.75	88.85			
230	0.06	4.00	0.61	1.51	90.36			
Pan			0.06	0.14	90.50			
Total			36.40	90.50	90.50			

Moment		Statistics	
		Phi	mm
Mean		2.13	0.23
St. Dev.		1.25	0.42
Skewness		-1.05	
Kurtosis		3.41	

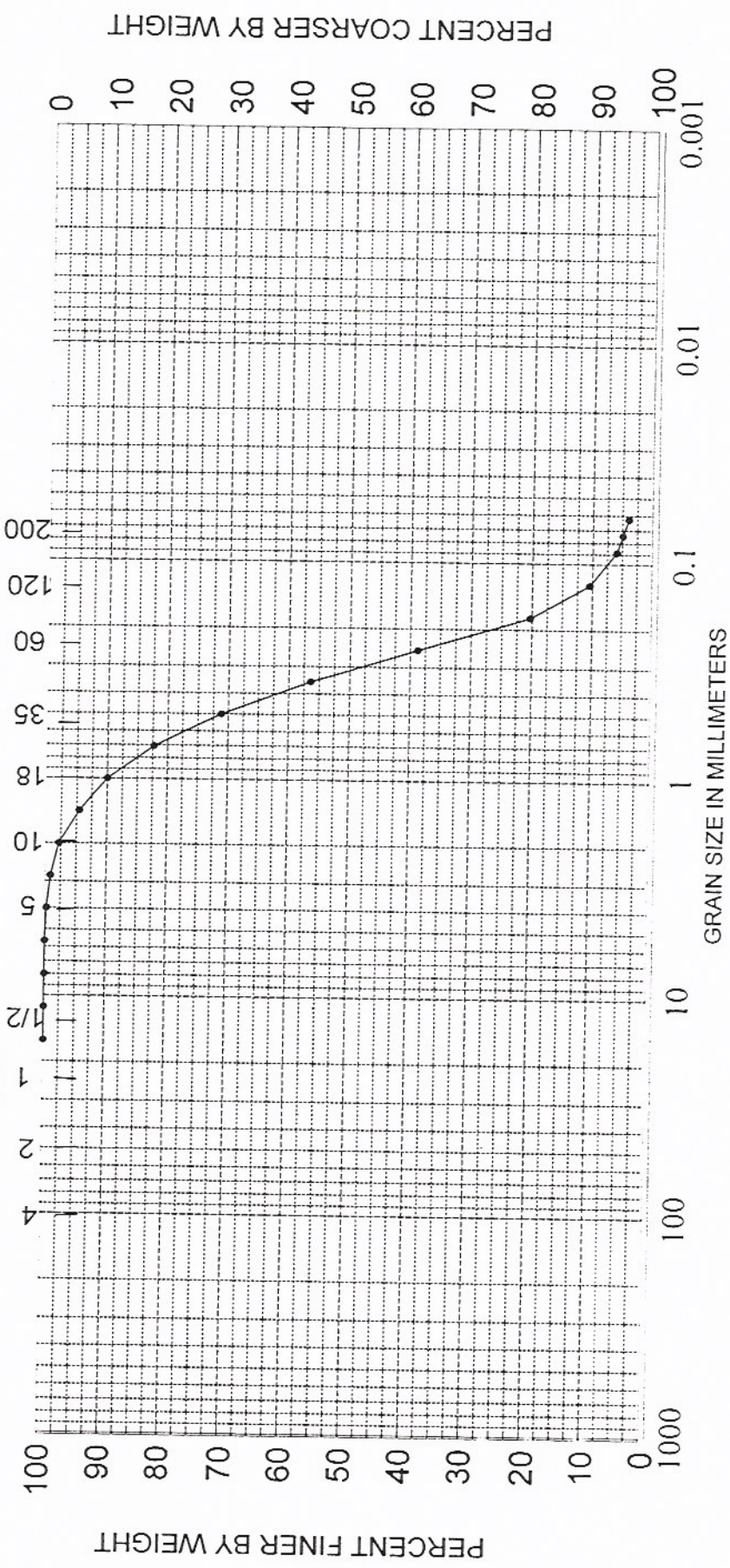
Cu = 0.07

Cc = 0.02

Gravel	0	%
Coarse Sand	2	%
ed. Sand	21	%
Fine Sand	67	%
Silt/Clay	10	%

SEA, INC.

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



PHI

GRAIN SIZE IN MILLIMETERS

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

CLASSIFICATION
Fine sand (SM)

PROJECT Dade County Deepwater Study
AREA Dade Co., Florida
BORING NO. DCG-20R3
DATE March, 2000

SAMPLE NO.
1.0
ELEV.
-249.9