

Sample DCG-17-1.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cum'l %	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	0.47	0.47	5% :	-0.41	1.33
7	2.83	-1.50	0.16	0.42	0.90	16% :	0.92	0.53
10	2.00	-1.00	0.31	0.81	1.71	25% :	1.60	0.33
14	1.41	-0.50	1.05	2.73	4.45	50% :	2.58	0.17
18	1.00	0.00	1.15	3.00	7.44	75% :	3.36	0.10
25	0.71	0.50	1.63	4.25	11.69	84% :	4.05	0.06
35	0.50	1.00	1.96	5.11	16.80	95% :	4.50	0.04
45	0.35	1.50	2.41	6.29	23.09			
60	0.25	2.00	3.52	9.19	32.28	Med.	2.58	0.17
80	0.18	2.50	5.69	14.87	47.15	Mean	2.52	0.17
120	0.13	3.00	7.12	18.60	65.75	St Dev.	1.53	
170	0.09	3.50	4.97	12.98	78.73	Skew	-0.14	
200	0.07	3.75	1.49	3.88	82.61	Kurt.	1.15	
230	0.06	4.00	1.20	3.12	85.73			
Pan			0.60	1.57	87.30			
Total			33.42	87.30	87.30			
						Moment	Statistics	
Cu =	0.21	Gravel			0 %	Mean	Phi	mm
		Coarse Sand			1 %	St. Dev.	2.24	0.21
		ed. Sand			18 %	Skewness	1.27	0.41
Cc =	0.06	Fine Sand			66 %	Kurtosis	-1.10	
		Silt/Clay			14 %		3.62	

SEA, INC.

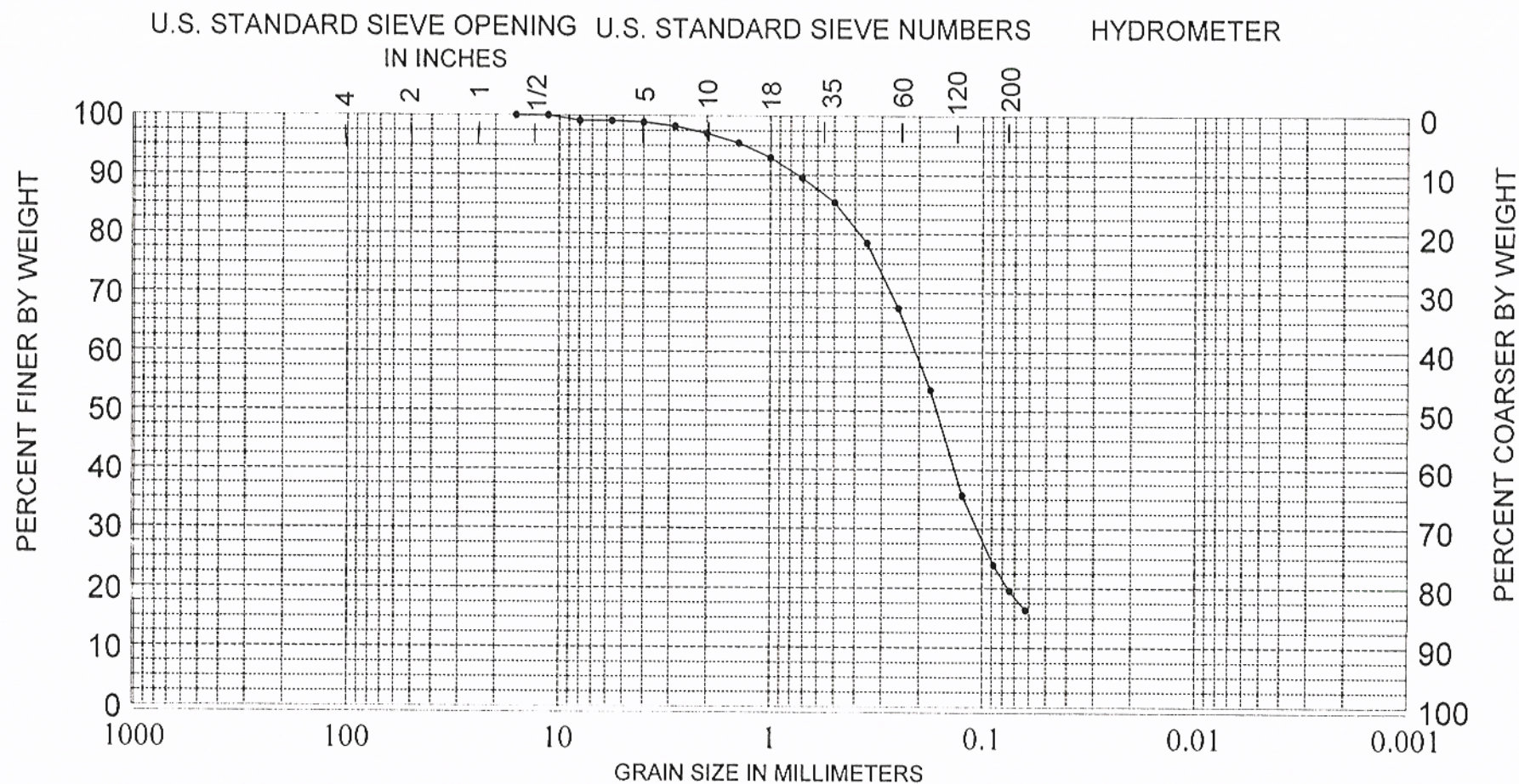
Sediment Analysis Data Sheet

Sample DCG-17-4.0

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	0.34	0.89	0.89			
1/4	5.66	-2.50	0.00	0.00	0.89			
5	4.00	-2.00	0.08	0.22	1.11	5% :	-0.40	1.32
7	2.83	-1.50	0.24	0.63	1.73	16% :	1.10	0.47
10	2.00	-1.00	0.45	1.21	2.94	25% :	1.66	0.32
14	1.41	-0.50	0.60	1.59	4.53	50% :	2.60	0.16
18	1.00	0.00	0.93	2.48	7.01	75% :	3.45	0.09
25	0.71	0.50	1.30	3.46	10.46	84% :	4.10	0.06
35	0.50	1.00	1.56	4.16	14.62	95% :	4.90	0.03
45	0.35	1.50	2.59	6.88	21.50	Med.	2.60	0.16
60	0.25	2.00	4.19	11.14	32.64	Mean	2.60	0.16
80	0.18	2.50	5.18	13.77	46.41	St Dev.	1.55	
120	0.13	3.00	6.73	17.91	64.33	Skew	-0.07	
170	0.09	3.50	4.43	11.77	76.10	Kurt.	1.21	
200	0.07	3.75	1.63	4.33	80.44			
230	0.06	4.00	1.22	3.25	83.69			
Pan			0.79	2.11	85.80			
Total			32.25	85.80	85.80			

						Moment		Statistics	
								Phi	mm
Cu =	0.21	Gravel	1	%	Mean	2.21	0.22		
		Coarse Sand	2	%	St. Dev.	1.34	0.40		
Cc =	0.05	ed. Sand	15	%	Skewness	-1.45			
		Fine Sand	66	%	Kurtosis	5.41			
		Silt/Clay	16	%					
SEA, INC.									

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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

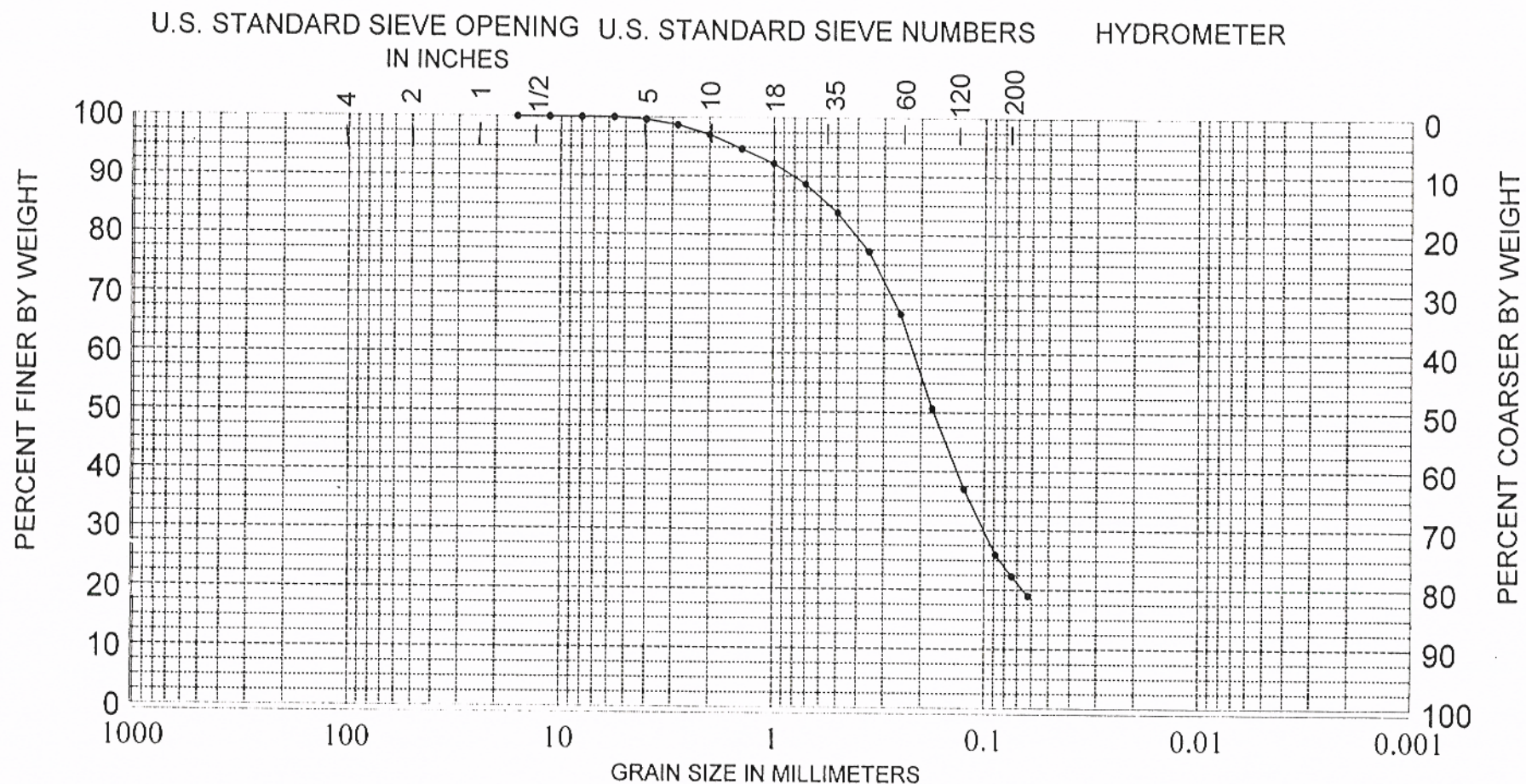
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
4.0	-299.6	Fine silty sand (SM)	Dade County Deepwater Study
			AREA Dade Co., Florida
			BORING NO. DCG-17
			DATE March, 2000

Sample DCG-17-6.0

Sieve	Size (mm)	Phi size		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	0.17	0.36	0.36	5% :	-0.56	1.47
7	2.83	-1.50	0.43	0.90	1.26	16% :	0.98	0.51
10	2.00	-1.00	0.77	1.63	2.89	25% :	1.60	0.33
14	1.41	-0.50	1.13	2.39	5.28	50% :	2.53	0.17
18	1.00	0.00	1.16	2.44	7.72	75% :	3.80	0.07
25	0.71	0.50	1.71	3.59	11.31	84% :	4.50	0.04
35	0.50	1.00	2.33	4.90	16.22	95% :	5.00	0.03
45	0.35	1.50	3.12	6.58	22.80			
60	0.25	2.00	4.99	10.53	33.33	Med.	2.53	0.17
80	0.18	2.50	7.57	15.96	49.28	Mean	2.67	0.16
120	0.13	3.00	6.49	13.69	62.98	St Dev.	1.72	
170	0.09	3.50	5.25	11.06	74.04	Skew	0.01	
200	0.07	3.75	1.74	3.67	77.70	Kurt.	1.04	
230	0.06	4.00	1.58	3.34	81.04			
Pan			0.60	1.26	82.30			
Total			39.04	82.30	82.30			
						Moment	Statistics	
Cu =	0.22		Gravel	0	%	Mean	Phi	mm
			Coarse Sand	3	%	St. Dev.	2.17	0.22
			ed. Sand	17	%	Skewness	1.32	0.40
Cc =	0.05		Fine Sand	62	%	Kurtosis	-1.12	
			Silt/Clay	19	%		3.62	

SEA, INC.



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 Dade County Deepwater Study

6.0

-301.6

Fine silty sand (SM)

AREA Dade Co., Florida

BORING NO. DCG-17

DATE March, 2000