

Sediment Analysis Data Sheet

Sample DCV-13-1.0

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	3.49	9.84	9.84			
5/16	8.00	-3.00	7.20	20.29	30.14			
1/4	5.66	-2.50	0.51	1.43	31.57	5% :	-3.75	13.42
5	4.00	-2.00	1.40	3.94	35.50	16% :	-3.35	10.18
7	2.83	-1.50	1.23	3.46	38.96	25% :	-3.13	8.73
10	2.00	-1.00	0.77	2.17	41.13	50% :	0.44	0.74
14	1.41	-0.50	0.89	2.50	43.64	75% :	2.30	0.20
18	1.00	0.00	1.01	2.85	46.49	84% :	2.72	0.15
25	0.71	0.50	1.41	3.99	50.48	95% :	4.05	0.06
35	0.50	1.00	2.08	5.88	56.35			
45	0.35	1.50	2.28	6.44	62.79	Med.	0.44	0.74
60	0.25	2.00	2.19	6.16	68.96	Mean	-0.06	1.04
80	0.18	2.50	3.54	9.99	78.94	St Dev.	2.70	
120	0.13	3.00	4.02	11.35	90.29	Skew	-0.16	
170	0.09	3.50	1.10	3.10	93.39	Kurt.	0.59	
200	0.07	3.75	0.29	0.81	94.20			
230	0.06	4.00	0.26	0.73	94.94			
Pan			0.27	0.76	95.70			
Total			33.93	95.70	95.70			

Cu = 19.00

Gravel
Coarse Sand
ed. Sand
Fine Sand
Silt/Clay

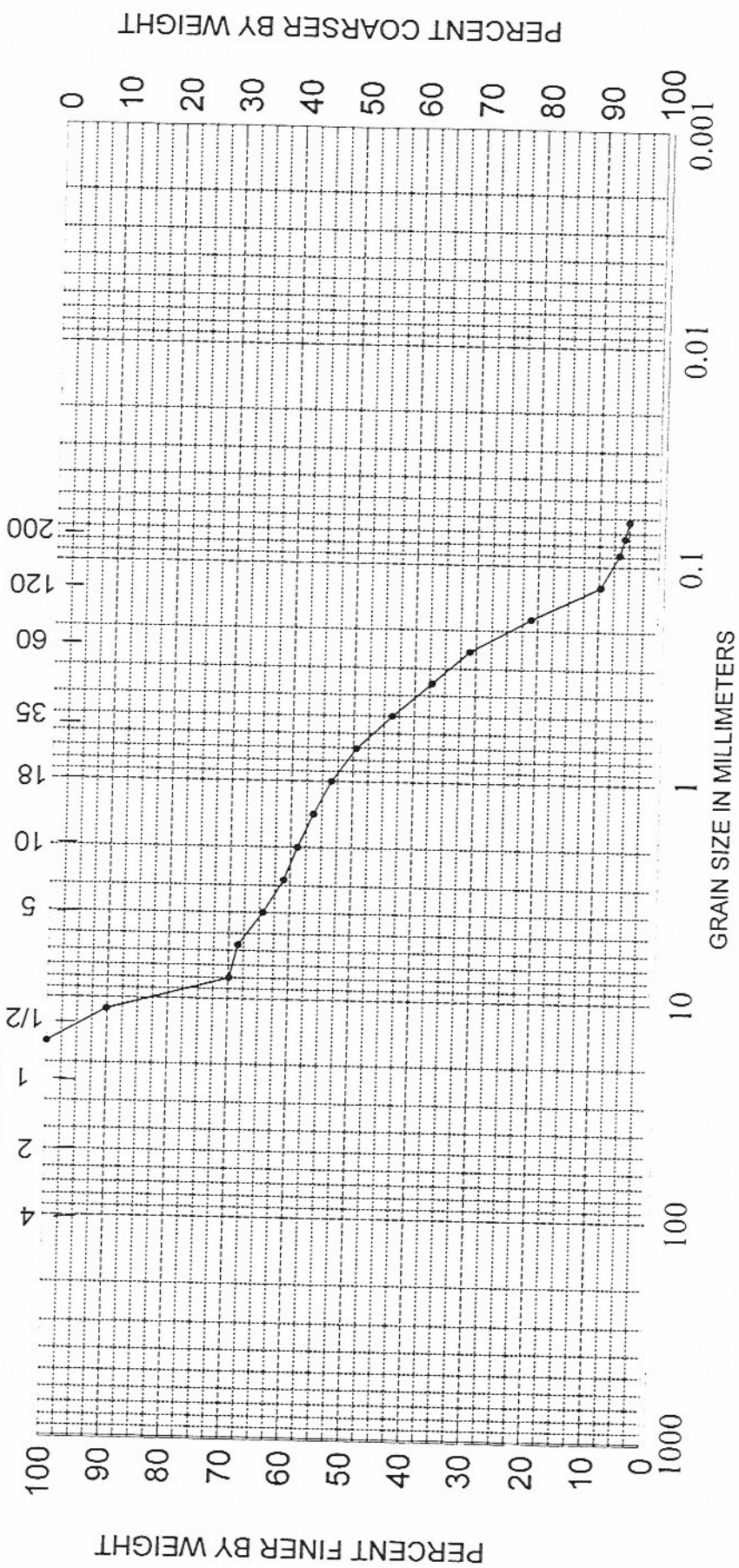
34 %
8 %
18 %
35 %
5 %

Cc = 0.19

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Moment	Statistics	
	Phi	mm
Mean	-0.22	1.16
St. Dev.	2.64	0.16
Skewness	-0.10	
Kurtosis	1.33	

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



PHI

COBBLES	GRAVEL		SAND		SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM FINE	

SAMPLE NO. 1.0	ELEV. -156.8	CLASSIFICATION Well graded gravel and sand (SW)	PROJECT
			Dade County Deepwater Study
			AREA
			Dade Co., Florida
			BORING NO.
			DCV-13
			DATE
			March, 2000

Sediment Analysis Data Sheet

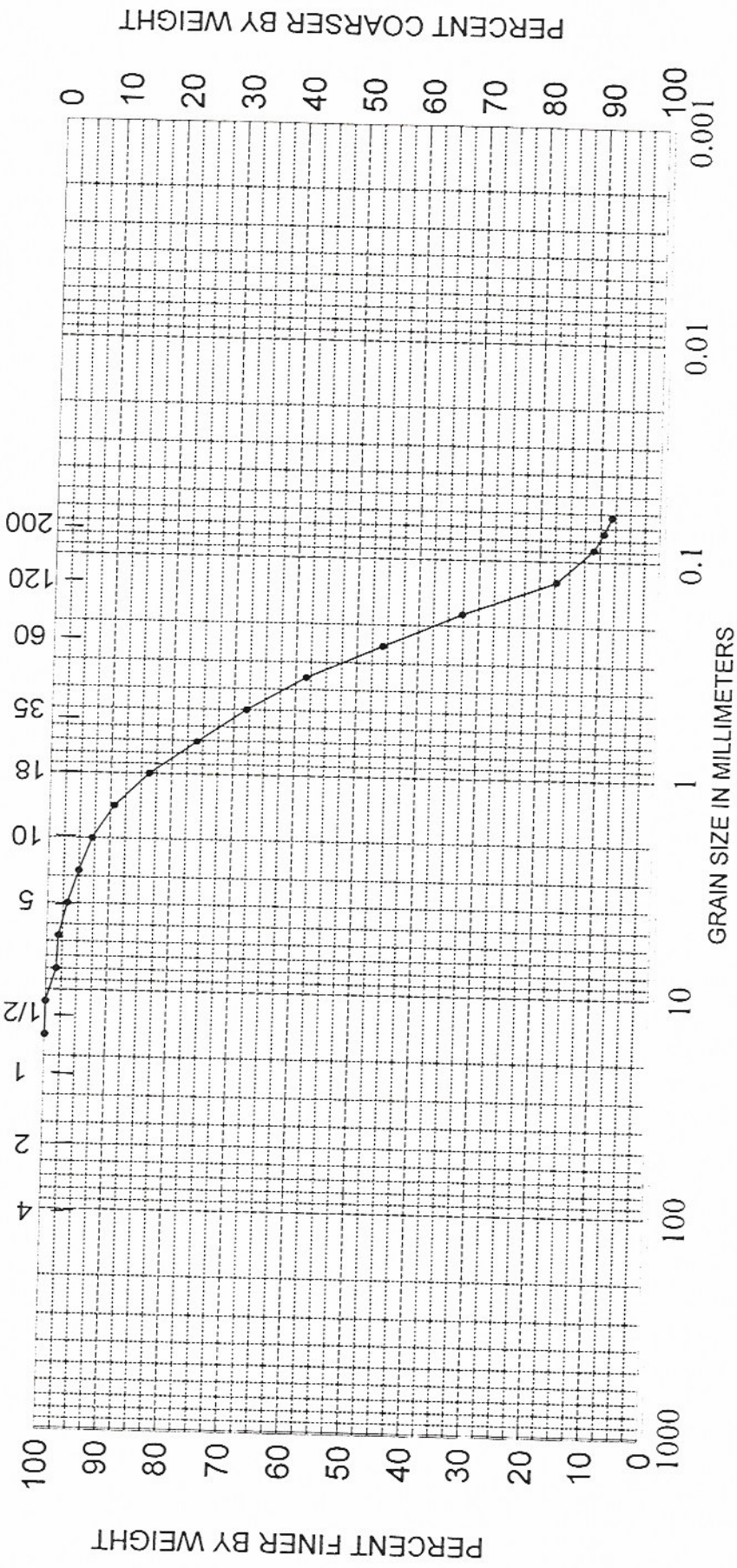
Sample DCV-13-4.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi mm	
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.64	1.64	1.64			
	5.66	-2.50	0.08	0.20	1.84			
5	4.00	-2.00	0.53	1.36	3.20	5% :	-1.49	2.80
7	2.83	-1.50	0.68	1.74	4.94	16% :	-0.03	1.02
10	2.00	-1.00	0.81	2.08	7.02	25% :	0.56	0.68
14	1.41	-0.50	1.42	3.62	10.64	50% :	1.83	0.28
18	1.00	0.00	2.20	5.64	16.28	75% :	2.75	0.15
25	0.71	0.50	3.01	7.71	24.00	84% :	3.10	0.12
35	0.50	1.00	3.14	8.02	32.02	95% :	4.60	0.04
45	0.35	1.50	3.79	9.69	41.71	Med.	1.83	0.28
60	0.25	2.00	4.88	12.48	54.19	Mean	1.63	0.32
80	0.18	2.50	5.11	13.09	67.28	St Dev.	1.70	
120	0.13	3.00	6.08	15.55	82.83	Skew	-0.14	
170	0.09	3.50	2.39	6.12	88.95	Kurt.	1.14	
200	0.07	3.75	0.63	1.61	90.56			
230	0.06	4.00	0.48	1.24	91.80			
Pan			0.19	0.50	92.30			
Total			36.06	92.30	92.30			

		Moment		Statistics	
				Phi	mm
Cu =	4.48	Gravel	3 %	Mean	1.58 0.33
		Coarse Sand	4 %	St. Dev.	1.56 0.34
		ed. Sand	30 %	Skewness	-1.00
Cc =	0.88	Fine Sand	55 %	Kurtosis	3.54
		Silt/Clay	8 %		

SEA, INC.

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



PHI

GRAVEL

COARSE

FINE

SAND

COARSE

MEDIUM

FINE

SILT OR CLAY

SAMPLE NO. 4.0

ELEV. -159.8

CLASSIFICATION

Medium to fine sand (SP)

PROJECT Dade County Deepwater Study

AREA Dade Co., Florida

BORING NO. DCV-13

DATE March, 2000