

## Sediment Analysis Data Sheet

Sample DCV-8-0.5

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	0.59	1.48	1.48			
1/4	5.66	-2.50	0.36	0.90	2.38	5% :	-1.90	3.74
5	4.00	-2.00	0.71	1.79	4.17	16% :	-0.57	1.48
7	2.83	-1.50	1.68	4.24	8.41	25% :	0.04	0.97
10	2.00	-1.00	1.25	3.16	11.57	50% :	1.45	0.37
14	1.41	-0.50	2.03	5.12	16.69	75% :	2.49	0.18
18	1.00	0.00	3.02	7.61	24.30	84% :	2.82	0.14
25	0.71	0.50	3.75	9.44	33.74	95% :	4.05	0.06
35	0.50	1.00	3.09	7.78	41.52			
45	0.35	1.50	3.74	9.44	50.96	Med.	1.45	0.37
60	0.25	2.00	4.18	10.53	61.48	Mean	1.24	0.42
80	0.18	2.50	5.48	13.82	75.31	St Dev.	1.75	
120	0.13	3.00	5.32	13.42	88.72	Skew	-0.16	
170	0.09	3.50	1.56	3.94	92.66	Kurt.	0.99	
200	0.07	3.75	0.47	1.17	93.84			
230	0.06	4.00	0.36	0.91	94.75			
Pan			0.42	1.05	95.80			
Total			38.01	95.80	95.80			

Cu = 4.79

Gravel  
Coarse Sand  
ed. Sand  
Fine Sand  
Silt/Clay

3 %  
8 %  
35 %  
49 %  
5 %

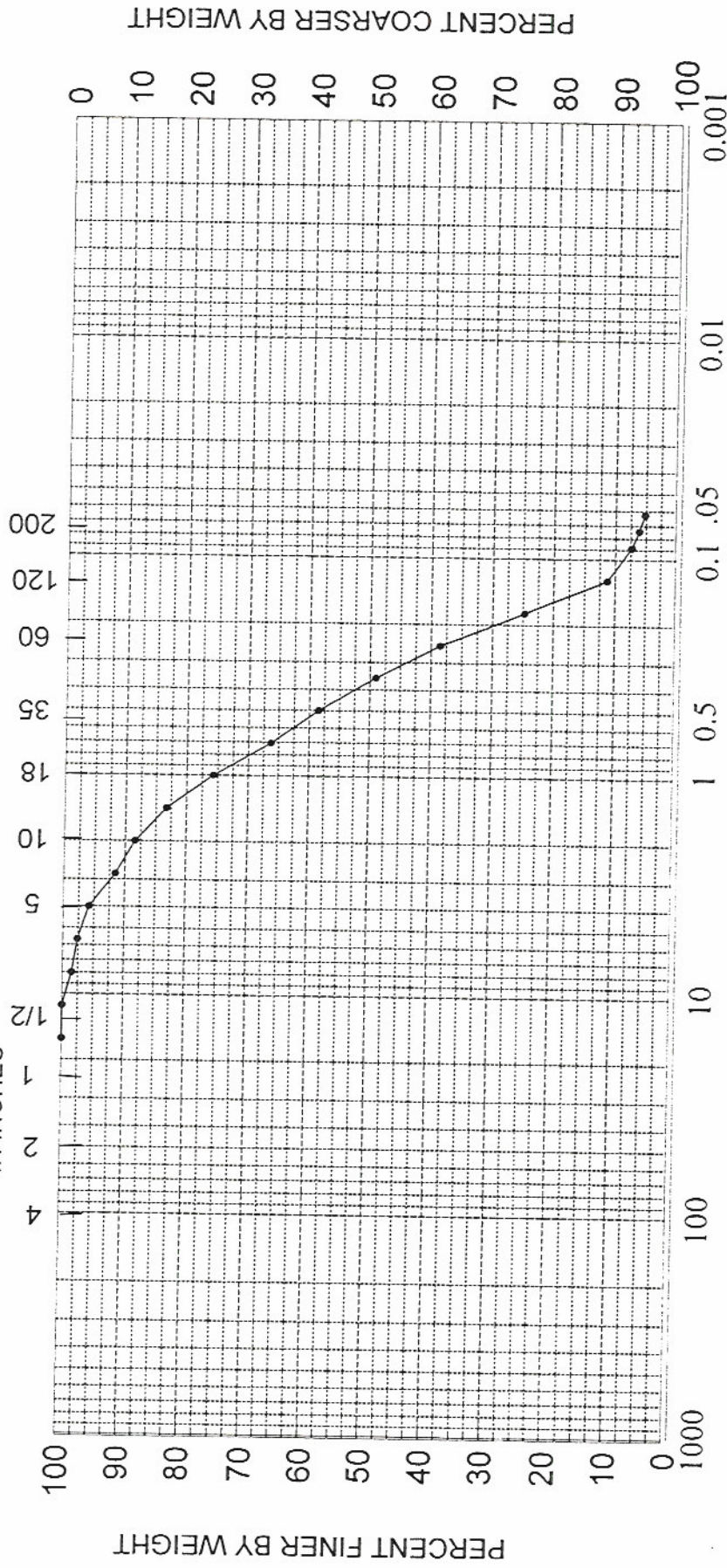
Cc = 0.68

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Moment		Statistics	
		Phi	mm
Mean		1.23	0.43
St. Dev.		1.67	0.32
Skewness		-0.70	
Kurtosis		2.66	

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. 0.5	ELEV.	CLASSIFICATION	PROJECT
	-133.0	Medium to fine sand (SP)	Dade County Deepwater Study
			AREA Dade Co., Florida
			BORING NO. DCV-8
			DATE March, 2000

## Sediment Analysis Data Sheet

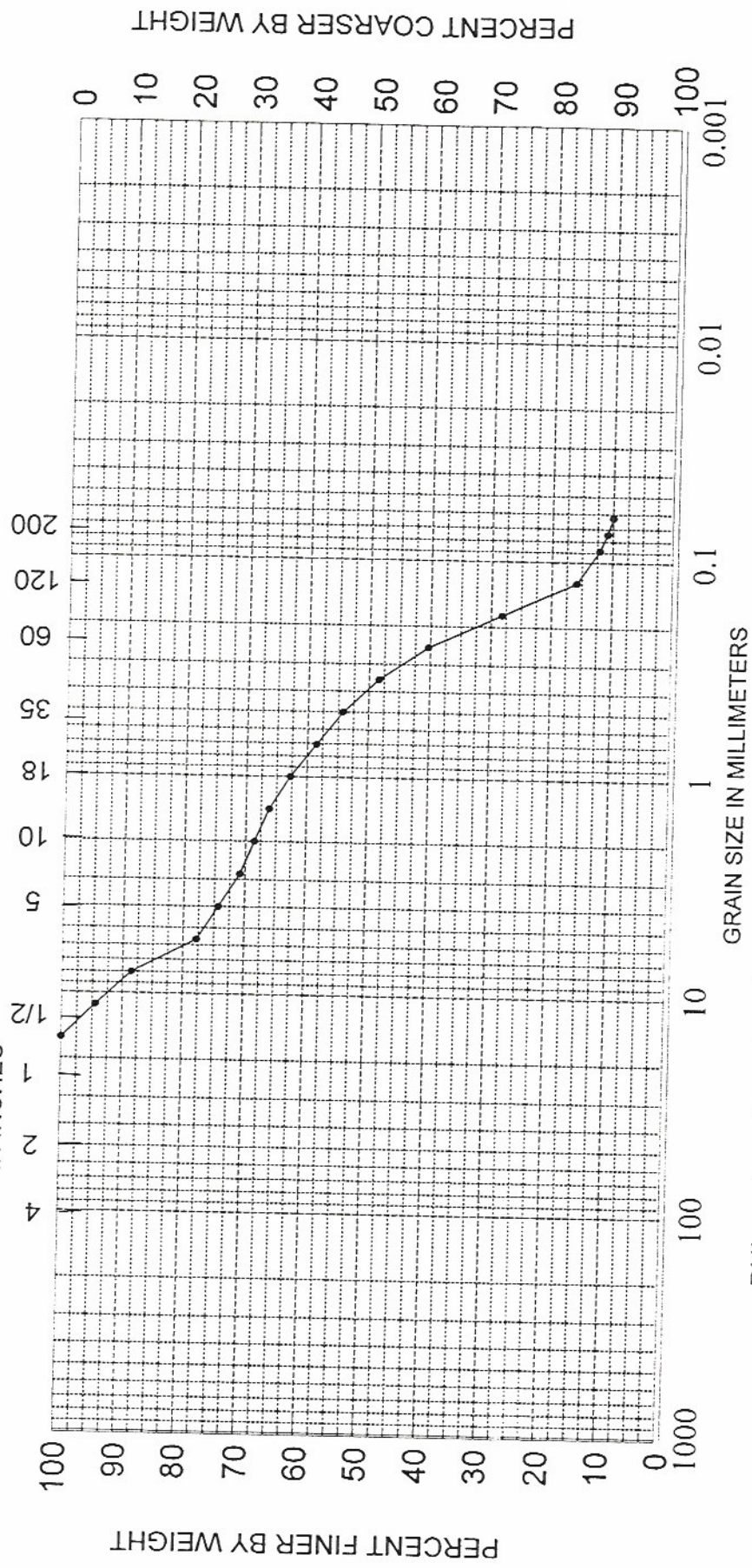
Sample DCV-8-3.0

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	2.02	5.49	5.49			
5/16	8.00	-3.00	2.17	5.92	11.41			
1/4	5.66	-2.50	3.95	10.76	22.17	5% :	-3.54	11.67
5	4.00	-2.00	1.28	3.49	25.66	16% :	-2.79	6.90
7	2.83	-1.50	1.28	3.49	29.14	25% :	-2.09	4.27
10	2.00	-1.00	0.85	2.32	31.47	50% :	1.36	0.39
14	1.41	-0.50	0.87	2.36	33.83	75% :	2.63	0.16
18	1.00	0.00	1.25	3.41	37.24	84% :	2.99	0.13
25	0.71	0.50	1.57	4.26	41.50	95% :	4.20	0.05
35	0.50	1.00	1.57	4.29	45.79			
45	0.35	1.50	2.14	5.83	51.62	Med.	1.36	0.39
60	0.25	2.00	2.93	7.98	59.60	Mean	0.52	0.70
80	0.18	2.50	4.48	12.21	71.81	St Dev.	2.62	
120	0.13	3.00	4.52	12.32	84.13	Skew	-0.35	
170	0.09	3.50	1.38	3.75	87.87	Kurt.	0.67	
200	0.07	3.75	0.45	1.23	89.11			
230	0.06	4.00	0.33	0.89	90.00			
Pan			0.11	0.30	90.30			
Total			33.14	90.30	90.30			
						Moment Statistics		
							Phi	mm
Cu =	0.56	Gravel			24 %	Mean	0.35	0.78
		Coarse Sand			8 %	St. Dev.	2.49	0.18
		ed. Sand			17 %	Skewness	-0.38	
Cc =	0.03	Fine Sand			41 %	Kurtosis	1.53	
		Silt/Clay			10 %			

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



PHI GRAIN SIZE IN MILLIMETERS

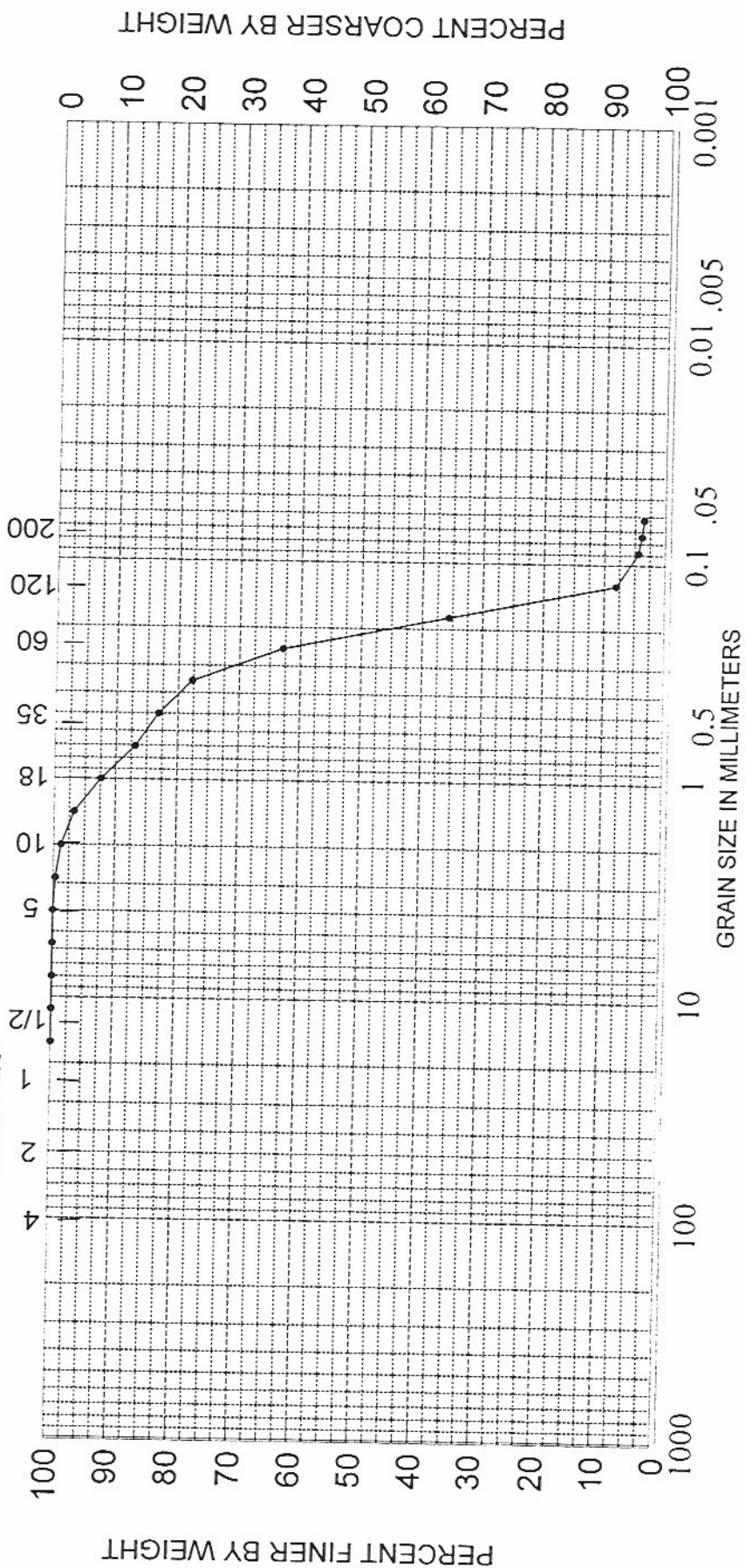
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO. 3.0	ELEV. -135.5	CLASSIFICATION		PROJECT	Dade County Deepwater Study
		Gravel and fine sand (SP)		AREA	Dade Co., Florida
				BORING NO.	DCV-8
				DATE	March, 2000

Sample DCV-8-7.0

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE		COARSE	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION Fine sand (SP)	PROJECT	Dade County Deepwater Study
7.0	-139.5		AREA	Dade Co., Florida
			BORING NO.	DCV-8
			DATE	March, 2000