

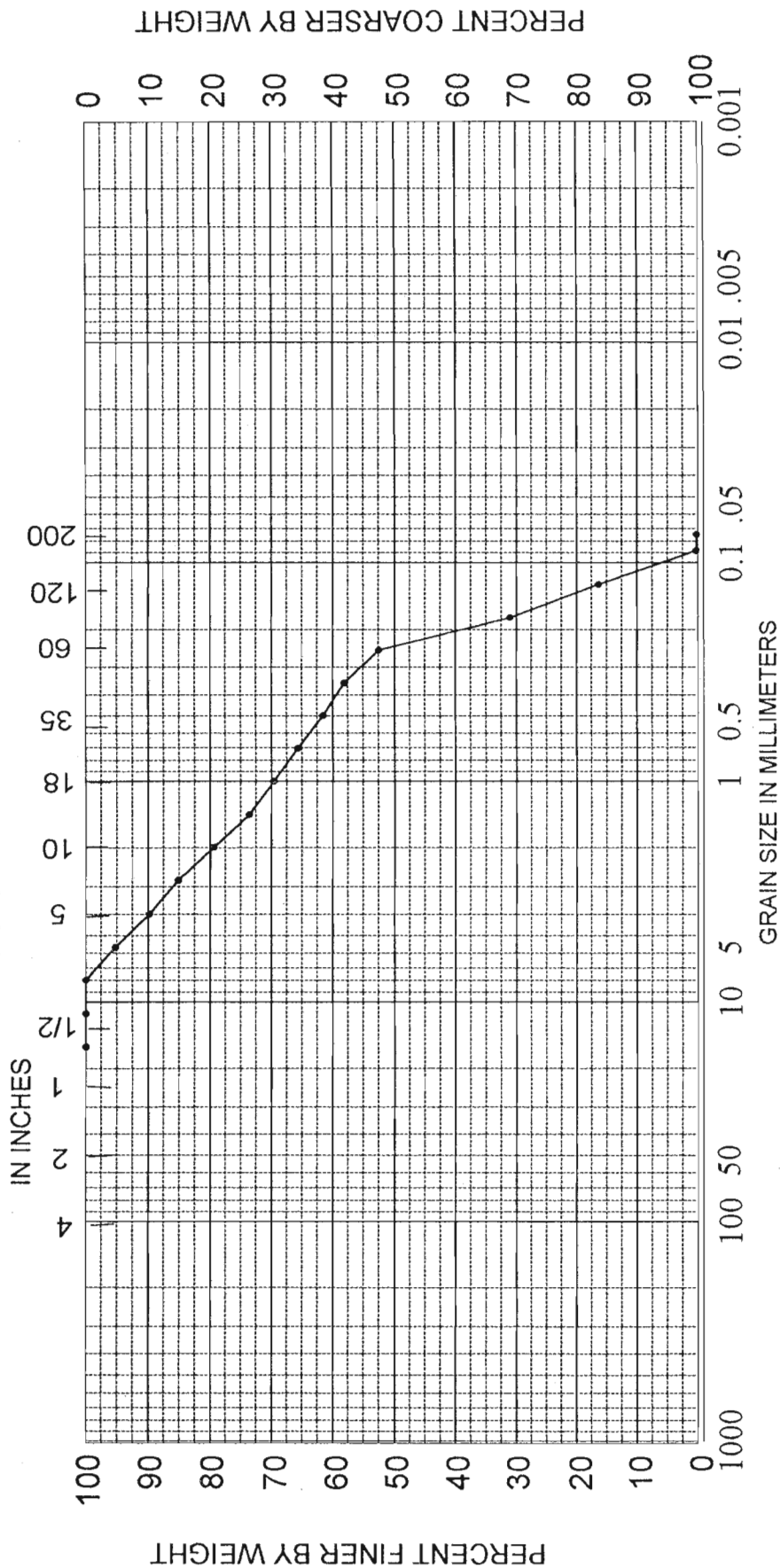
Sediment Analysis Data Sheet

Sample A-2-0.5

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	0.00	0.00	0.00			
	5.66	-2.50	1.90	4.73	4.73	5% :	-2.48	5.56
5	4.00	-2.00	2.20	5.48	10.21	16% :	-1.40	2.63
7	2.83	-1.50	1.85	4.61	14.82	25% :	-0.62	1.53
10	2.00	-1.00	2.30	5.73	20.55	50% :	2.06	0.24
14	1.41	-0.50	2.32	5.78	26.33	75% :	2.71	0.15
18	1.00	0.00	1.61	4.00	30.33	84% :	3.01	0.12
25	0.71	0.50	1.57	3.91	34.24	95% :	3.36	0.10
35	0.50	1.00	1.66	4.12	38.36			
45	0.35	1.50	1.40	3.48	41.84	Med.	2.06	0.24
60	0.25	2.00	2.24	5.59	47.42	Mean	1.23	0.43
80	0.18	2.50	8.62	21.45	68.88	St Dev.	1.99	
120	0.13	3.00	5.91	14.72	83.59	Skew	-0.56	
170	0.09	3.50	6.45	16.05	99.64	Kurt.	0.72	
200	0.07	3.75	0.02	0.05	99.69			
Pan			0.00	0.01	99.70			
Total			40.04	99.70	99.70			
						Moment	Statistics	
							Phi	mm
Cu =	3.90		Gravel		7 %	Mean	1.14	0.45
			Coarse	Sand	13 %	St. Dev.	1.94	0.26
			Med.	Sand	20 %	Skewness	-0.67	
Cc =	0.64		Fine	Sand	60 %	Kurtosis	2.01	

SEA, INC.

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



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

SAMPLE NO.	ELEV.	CLASSIFICATION				PROJECT Amelia Island Stabilization Project	
		COBBLES	GRAVEL COARSE FINE	SAND COARSE MEDIUM FINE	SILT OR CLAY	AREA	BORING NO.
0.5'	-13.7' MLLW					Amelia Island, Georgia	A-2
							DATE
							June 2001

Sediment Analysis Data Sheet

Sample A-2-4.0

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	0.00	0.00	0.00			
	5.66	-2.50	0.00	0.00	0.00	5% :	2.16	0.22
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.55	0.17
7	2.83	-1.50	0.01	0.03	0.03	25% :	2.64	0.16
10	2.00	-1.00	0.03	0.09	0.12	50% :	2.89	0.13
14	1.41	-0.50	0.03	0.09	0.21	75% :	3.20	0.11
18	1.00	0.00	0.03	0.10	0.31	84% :	3.34	0.10
25	0.71	0.50	0.05	0.14	0.45	95% :	3.50	0.09
35	0.50	1.00	0.06	0.18	0.63			
45	0.35	1.50	0.15	0.45	1.08	Med.	2.89	0.13
60	0.25	2.00	0.46	1.41	2.49	Mean	2.93	0.13
80	0.18	2.50	2.61	8.05	10.54	St Dev.	0.40	
120	0.13	3.00	16.39	50.60	61.14	Skew	0.02	
170	0.09	3.50	11.01	34.00	95.14	Kurt.	0.98	
200	0.07	3.75	0.95	2.93	98.07			
Pan			0.04	0.13	98.20			
Total			31.80	98.20	98.20			
						Moment	Statistics	
							Phi	mm
Cu =	1.55		Gravel	0	%	Mean	2.87	0.14
			Coarse	Sand	0	%	St. Dev.	0.45
			Med.	Sand	1	%	Skewness	-2.51
Cc =	0.97		Fine	Sand	97	%	Kurtosis	20.37

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