

Sediment Analysis Data Sheet

Sample A-24-3.0

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	0.06	0.19	0.19	5% :	0.20	0.87
5	4.00	-2.00	0.43	1.33	1.52	16% :	2.14	0.23
7	2.83	-1.50	0.23	0.72	2.24	25% :	2.43	0.19
10	2.00	-1.00	0.25	0.76	3.00	50% :	2.72	0.15
14	1.41	-0.50	0.30	0.93	3.93	75% :	2.95	0.13
18	1.00	0.00	0.23	0.71	4.64	84% :	3.10	0.12
25	0.71	0.50	0.29	0.89	5.53	95% :	3.42	0.09
35	0.50	1.00	0.34	1.04	6.57			
45	0.35	1.50	0.55	1.71	8.28	Med.	2.72	0.15
60	0.25	2.00	1.09	3.39	11.67	Mean	2.65	0.16
80	0.18	2.50	4.98	15.44	27.11	St Dev.	0.73	
120	0.13	3.00	17.17	53.22	80.33	Skew	-0.38	
170	0.09	3.50	5.70	17.65	97.98	Kurt.	2.54	
200	0.07	3.75	0.24	0.73	98.72			
Pan			0.03	0.08	98.80			
Total			31.87	98.80	98.80			
						Moment	Statistics	
							Phi	mm
Cu =	1.57		Gravel		1 %	Mean	2.47	0.18
			Coarse	Sand	2 %	St. Dev.	1.01	0.50
			Med.	Sand	4 %	Skewness	-3.03	
Cc =	1.06		Fine	Sand	91 %	Kurtosis	12.95	

SEA, INC.

Sediment Analysis Data Sheet

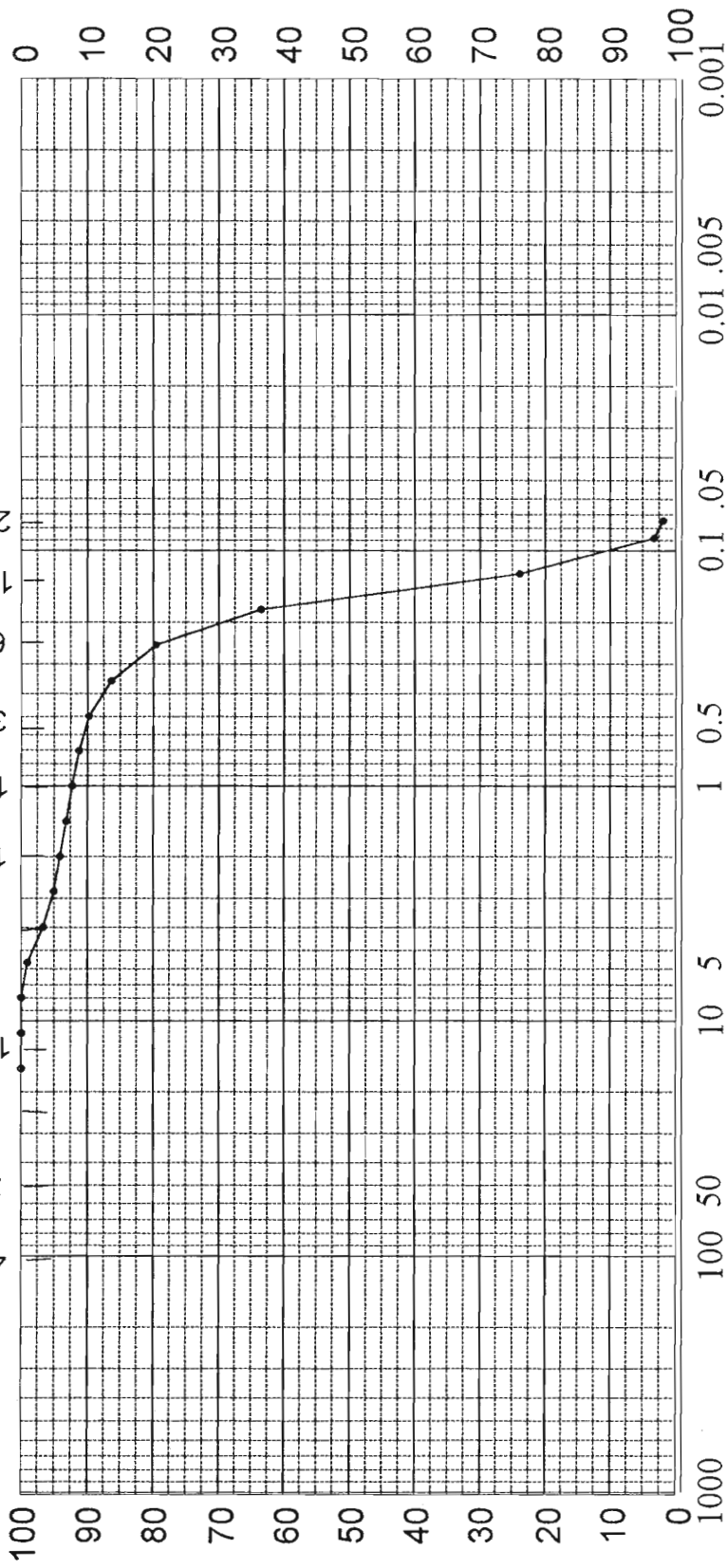
Sample A-24-9.0

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	0.30	0.95	0.95	5% :	-1.43	2.69
5	4.00	-2.00	0.73	2.35	3.30	16% :	1.68	0.31
7	2.83	-1.50	0.49	1.57	4.87	25% :	2.15	0.23
10	2.00	-1.00	0.29	0.92	5.79	50% :	2.67	0.16
14	1.41	-0.50	0.30	0.96	6.75	75% :	2.99	0.13
18	1.00	0.00	0.29	0.93	7.68	84% :	3.19	0.11
25	0.71	0.50	0.31	1.00	8.68	95% :	3.46	0.09
35	0.50	1.00	0.45	1.45	10.13			
45	0.35	1.50	1.08	3.48	13.61	Med.	2.67	0.16
60	0.25	2.00	2.09	6.72	20.33	Mean	2.51	0.18
80	0.18	2.50	5.02	16.11	36.44	St Dev.	1.12	
120	0.13	3.00	12.36	39.66	76.10	Skew	-0.49	
170	0.09	3.50	6.41	20.55	96.65	Kurt.	2.38	
200	0.07	3.75	0.45	1.44	98.10			
Pan			0.03	0.10	98.20			
Total			30.60	98.20	98.20			
						Moment	Statistics	
							Phi	mm
Cu =	1.73		Gravel		2 %	Mean	2.26	0.21
			Coarse	Sand	4 %	St. Dev.	1.31	0.40
			Med.	Sand	6 %	Skewness	-2.30	
Cc =	1.03		Fine	Sand	86 %	Kurtosis	7.96	

SEA, INC.

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

100 90 80 70 60 50 40 30 20 10 0
4 2 1 1/2 5 10 18 35 60 120 200



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 Amelia Island Stabilization Project		
9.0'	-14.8' MLLW	Fine sand (SP)					AREA	Amelia Island, Georgia	
							BORING NO.	A-24	
							DATE	June 2001	

Sediment Analysis Data Sheet

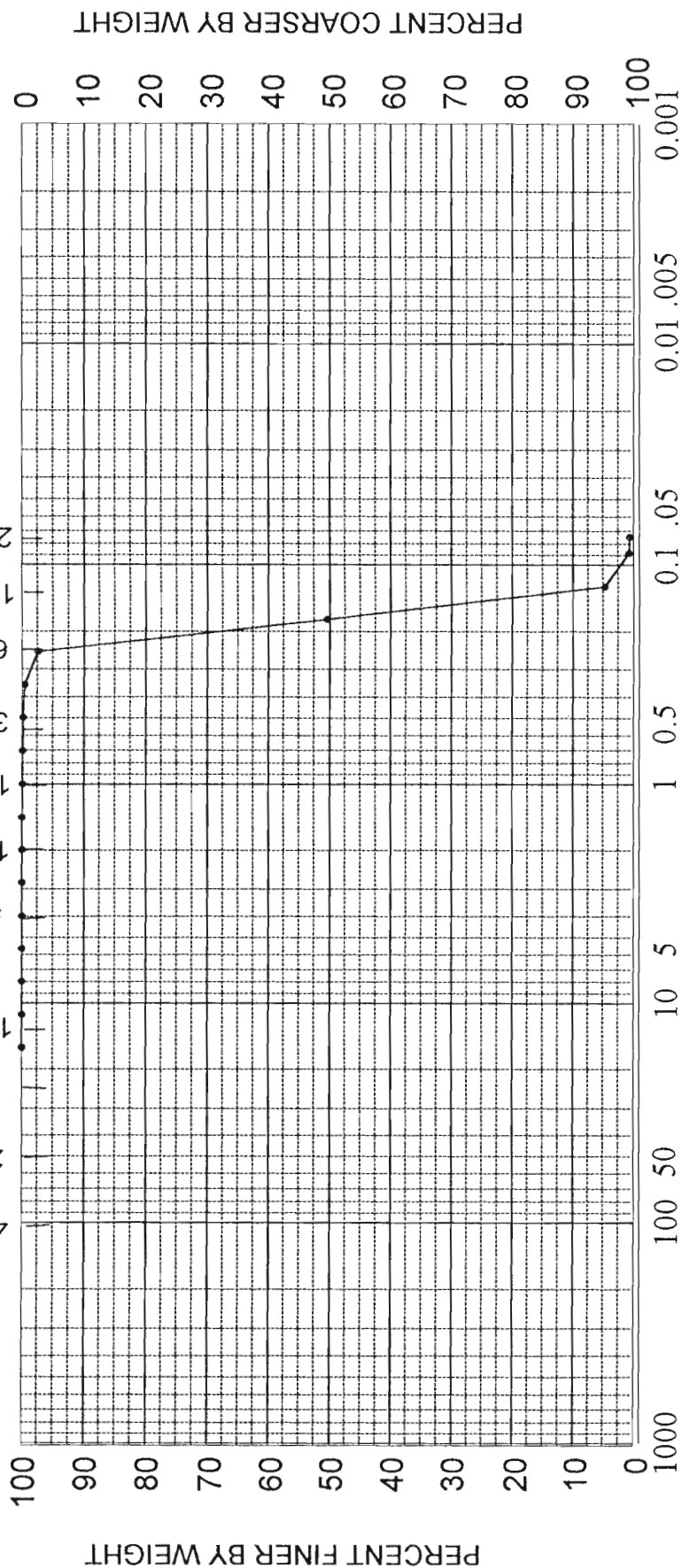
Sample A-24-13.0

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% :	2.03	0.25
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.14	0.23
7	2.83	-1.50	0.00	0.00	0.00	25% :	2.24	0.21
10	2.00	-1.00	0.00	0.00	0.00	50% :	2.50	0.18
14	1.41	-0.50	0.00	0.00	0.00	75% :	2.78	0.15
18	1.00	0.00	0.02	0.05	0.05	84% :	2.88	0.14
25	0.71	0.50	0.02	0.06	0.10	95% :	3.00	0.13
35	0.50	1.00	0.03	0.08	0.18			
45	0.35	1.50	0.10	0.30	0.48	Med.	2.50	0.18
60	0.25	2.00	0.69	2.12	2.60	Mean	2.51	0.18
80	0.18	2.50	15.23	47.02	49.62	St Dev.	0.33	
120	0.13	3.00	14.80	45.67	95.28	Skew	0.01	
170	0.09	3.50	1.29	3.97	99.25	Kurt.	0.74	
200	0.07	3.75	0.04	0.12	99.38			
Pan			0.01	0.02	99.40			
Total			32.21	99.40	99.40			
						Moment	Statistics	
							Phi	mm
Cu =	1.46		Gravel	0	%	Mean	2.50	0.18
			Coarse	Sand	0	%	St. Dev.	0.33
			Med.	Sand	0	%	Skewness	-0.49
Cc =	0.93		Fine	Sand	99	%	Kurtosis	7.01

SEA, INC.

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

IN INCHES



GRAIN SIZE IN MILLIMETERS

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
13.0'	-18.8' MLLW	Fine sand (SP)	Amelia Island Stabilization Project
			AREA Amelia Island, Georgia
			BORING NO. A-24
			DATE June 2001