

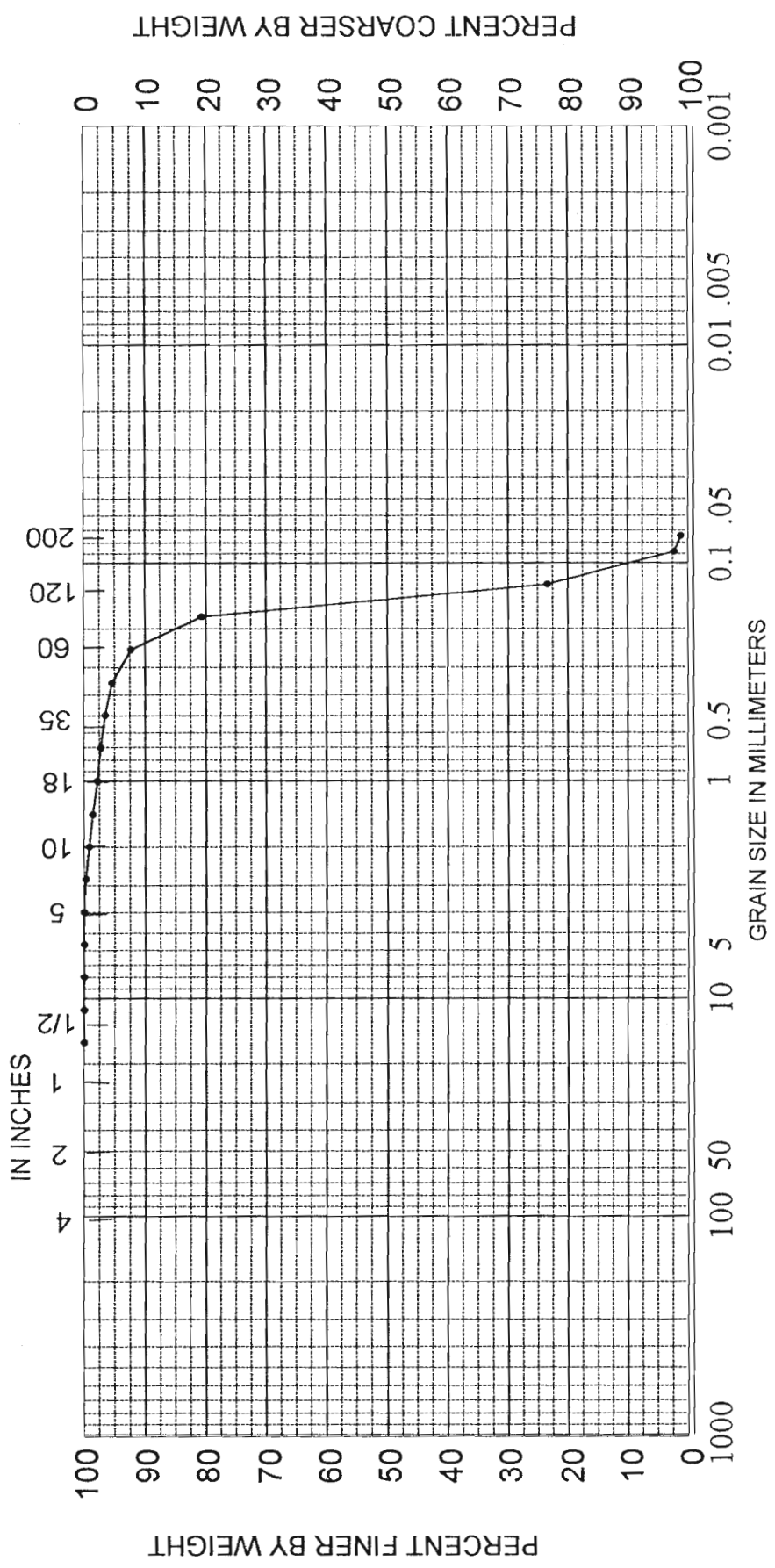
Sediment Analysis Data Sheet

Sample A-30R1-3.0

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	0.00	0.00	0.00	5% :	1.58	0.33
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.36	0.19
7	2.83	-1.50	0.10	0.32	0.32	25% :	2.55	0.17
10	2.00	-1.00	0.17	0.53	0.85	50% :	2.77	0.15
14	1.41	-0.50	0.19	0.59	1.43	75% :	2.99	0.13
18	1.00	0.00	0.22	0.68	2.11	84% :	3.18	0.11
25	0.71	0.50	0.19	0.58	2.69	95% :	3.44	0.09
35	0.50	1.00	0.22	0.69	3.39			
45	0.35	1.50	0.35	1.10	4.49	Med.	2.77	0.15
60	0.25	2.00	0.98	3.08	7.57	Mean	2.77	0.15
80	0.18	2.50	3.72	11.67	19.24	St Dev.	0.48	
120	0.13	3.00	18.28	57.33	76.57	Skew	-0.14	
170	0.09	3.50	6.74	21.13	97.70	Kurt.	1.74	
200	0.07	3.75	0.36	1.14	98.84			
Pan			0.02	0.06	98.90			
Total			31.54	98.90	98.90			
						Moment	Statistics	
							Phi	mm
Cu =	1.55		Gravel		0 %	Mean	2.65	0.16
			Coarse	Sand	1 %	St. Dev.	0.70	0.62
			Med.	Sand	3 %	Skewness	-3.26	
Cc =	1.08		Fine	Sand	95 %	Kurtosis	17.10	

SEA, INC.

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



Sediment Analysis Data Sheet

Sample A-30R1-10.0

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% :	2.22	0.22
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.54	0.17
7	2.83	-1.50	0.00	0.00	0.00	25% :	2.62	0.16
10	2.00	-1.00	0.00	0.00	0.00	50% :	2.84	0.14
14	1.41	-0.50	0.00	0.00	0.00	75% :	3.11	0.12
18	1.00	0.00	0.02	0.07	0.07	84% :	3.27	0.10
25	0.71	0.50	0.02	0.05	0.12	95% :	3.48	0.09
35	0.50	1.00	0.02	0.07	0.19			
45	0.35	1.50	0.04	0.11	0.30	Med.	2.84	0.14
60	0.25	2.00	0.10	0.30	0.60	Mean	2.89	0.14
80	0.18	2.50	3.36	10.20	10.80	St Dev.	0.37	
120	0.13	3.00	19.13	58.17	68.97	Skew	0.11	
170	0.09	3.50	8.99	27.34	96.31	Kurt.	1.06	
200	0.07	3.75	0.41	1.24	97.55			
Pan			0.02	0.05	97.60			
Total			32.09	97.60	97.60			
						Moment	Statistics	
							Phi	mm
Cu =	1.55		Gravel		0 %	Mean	2.84	0.14
			Coarse	Sand	0 %	St. Dev.	0.34	0.79
			Med.	Sand	0 %	Skewness	-0.92	
Cc =	1.07		Fine	Sand	97 %	Kurtosis	10.10	

SEA, INC.

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

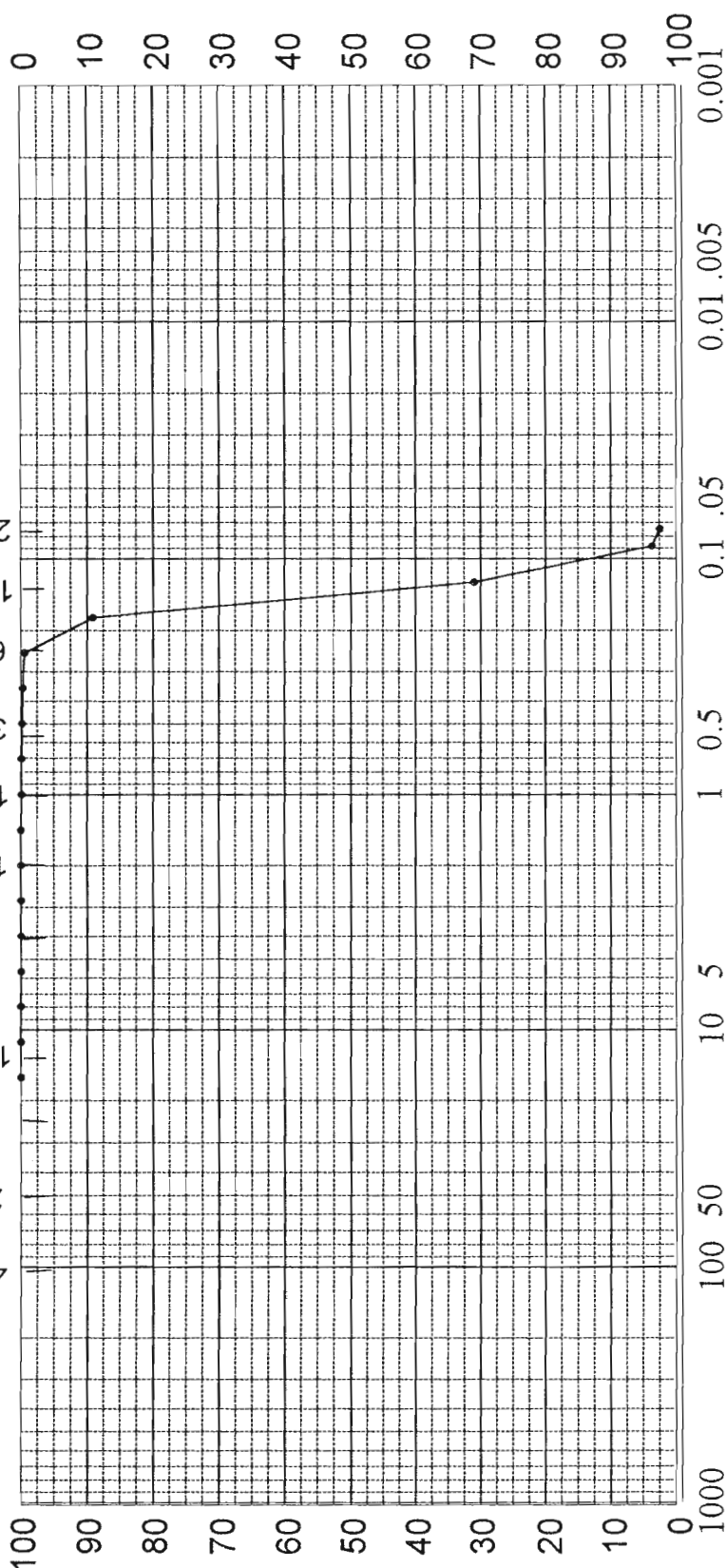
IN INCHES

100 90 80 70 60 50 40 30 20 10 0

PERCENT FINER BY WEIGHT

100 90 80 70 60 50 40 30 20 10 0

PERCENT COARSER BY WEIGHT



GRAIN SIZE IN MILLIMETERS

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		
10.0'	-20.0' MLLW	Fine sand (SP)					AREA	Amelia Island, Georgia	
							BORING NO.	A-30R1	
							DATE	June 2001	