

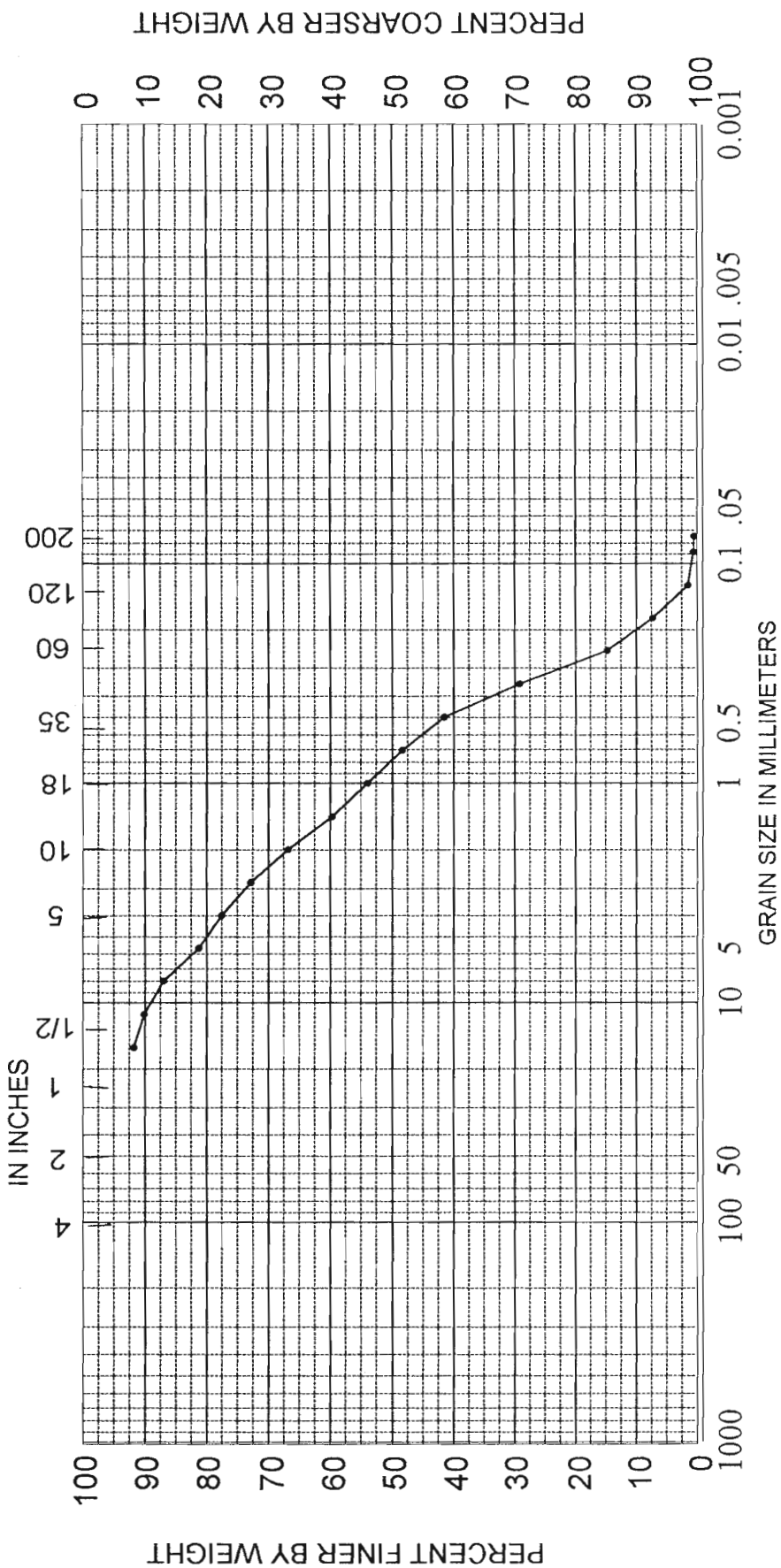
Sediment Analysis Data Sheet

Sample A-23R2-13.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	2.59	8.11	8.11			
	11.31	-3.50	0.54	1.68	9.79			
	8.00	-3.00	1.01	3.15	12.94			
	5.66	-2.50	1.83	5.74	18.68	5% :	0.00	1.00
5	4.00	-2.00	1.18	3.69	22.38	16% :	-2.73	6.65
7	2.83	-1.50	1.52	4.78	27.15	25% :	-1.73	3.31
10	2.00	-1.00	1.91	5.98	33.13	50% :	0.36	0.78
14	1.41	-0.50	2.28	7.14	40.27	75% :	1.65	0.32
18	1.00	0.00	1.81	5.67	45.94	84% :	1.96	0.26
25	0.71	0.50	1.81	5.67	51.61	95% :	2.70	0.15
35	0.50	1.00	2.18	6.82	58.43			
45	0.35	1.50	3.95	12.37	70.80	Med.	0.36	0.78
60	0.25	2.00	4.59	14.38	85.19	Mean	-0.14	1.10
80	0.18	2.50	2.38	7.46	92.65	St Dev.	1.58	
120	0.13	3.00	1.84	5.78	98.43	Skew	0.21	
170	0.09	3.50	0.31	0.96	99.39	Kurt.	0.33	
200	0.07	3.75	0.02	0.06	99.45			
Pan			0.02	0.05	99.50			
Total			31.73	99.50	99.50			
						Moment	Statistics	
							Phi	mm
Cu =	7.17		Gravel	21	%	Mean	-0.15	1.11
			Coarse	13	%	St. Dev.	2.13	0.23
			Med.	31	%	Skewness	-0.50	
Cc =	0.46		Fine	35	%	Kurtosis	2.09	

SEA, INC.

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



PHI

COBBLES	GRAVEL		SAND		SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION			PROJECT
13.0'	-23.3' MLLW	Well graded sand			Amelia Island Stabilization Project
		and carbonate gravel (SW)			AREA Amelia Island, Georgia
					BORING NO. A-23R2
					DATE June 2001

Sediment Analysis Data Sheet

Sample A-23R2-16.0

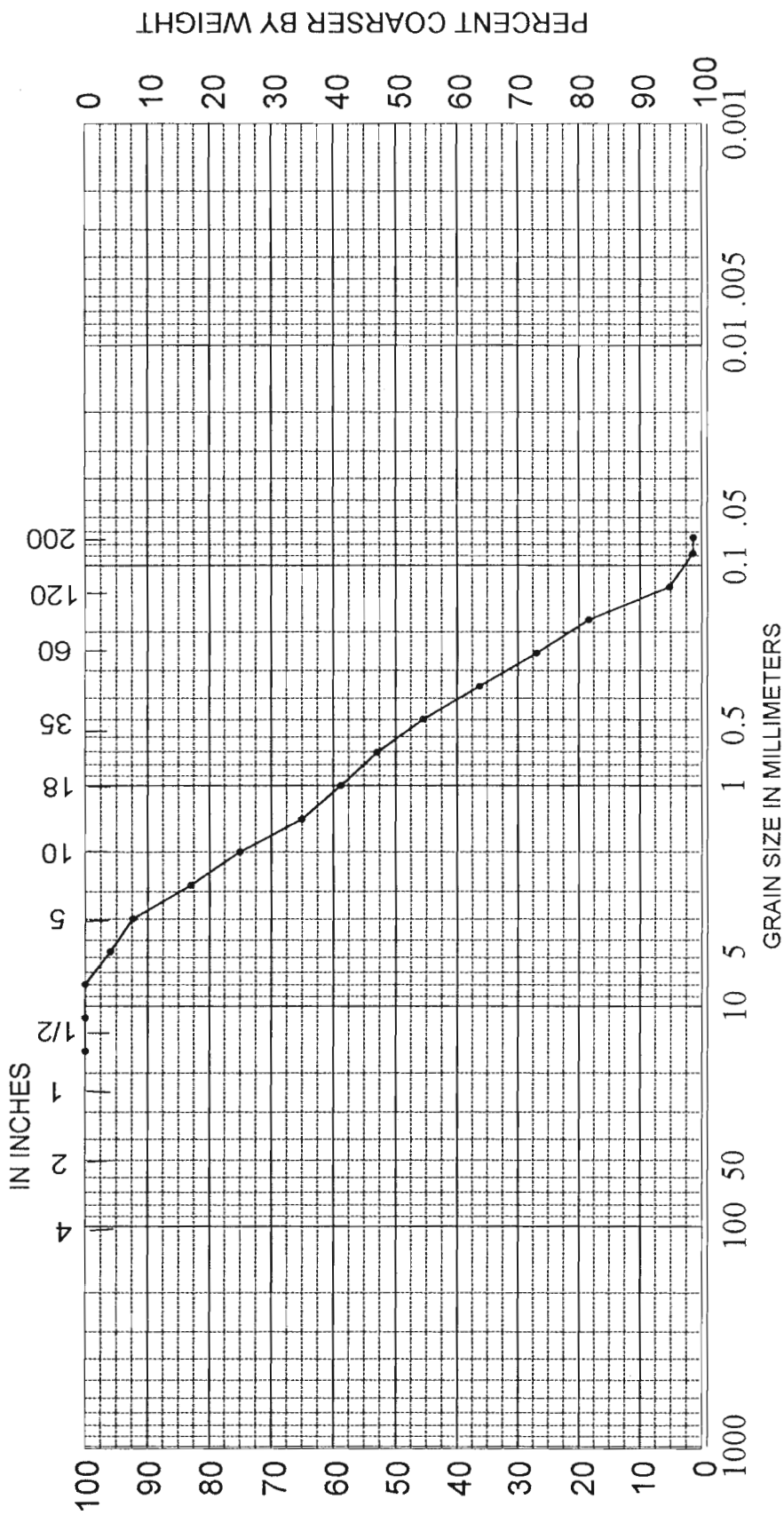
Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.00	0.00	0.00			
	5.66	-2.50	1.42	3.99	3.99	5% :	-2.36	5.14
5	4.00	-2.00	1.29	3.63	7.62	16% :	-1.55	2.92
7	2.83	-1.50	3.29	9.27	16.89	25% :	-0.99	1.99
10	2.00	-1.00	2.83	7.97	24.87	50% :	0.70	0.61
14	1.41	-0.50	3.54	9.97	34.84	75% :	2.11	0.23
18	1.00	0.00	2.24	6.32	41.16	84% :	2.59	0.17
25	0.71	0.50	2.06	5.81	46.98	95% :	3.03	0.12
35	0.50	1.00	2.65	7.47	54.45			
45	0.35	1.50	3.29	9.27	63.72	Med.	0.70	0.61
60	0.25	2.00	3.32	9.36	73.07	Mean	0.58	0.67
80	0.18	2.50	3.04	8.56	81.64	St Dev.	1.85	
120	0.13	3.00	4.65	13.11	94.75	Skew	-0.11	
170	0.09	3.50	1.33	3.75	98.50	Kurt.	0.71	
200	0.07	3.75	0.05	0.15	98.65			
Pan			0.02	0.05	98.70			
Total			35.01	98.70	98.70			
						Moment	Statistics	
							Phi	mm
Cu =	7.52		Gravel		6 %	Mean	0.49	0.71
			Coarse	Sand	19 %	St. Dev.	1.75	0.30
			Med.	Sand	34 %	Skewness	-0.14	
Cc =	0.52		Fine	Sand	40 %	Kurtosis	1.78	

SEA, INC.

HYDROMETER

U.S. STANDARD SIEVE NUMBERS

U.S. STANDARD SIEVE OPENING IN INCHES



PHI

GRAVEL

COARSE

FINE

SAND

COARSE

MEDIUM

FINE

SILT OR CLAY

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
16.0'	-26.3' MLLW	Well graded sand (SW)	Amelia Island Stabilization Project
			AREA Amelia Island, Georgia
			BORING NO. A-23R2
			DATE June 2001