

Sediment Analysis Data Sheet

Sample A-21-2.0

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	0.12	0.39	0.39	5% :	2.35	0.20
5	4.00	-2.00	0.09	0.29	0.67	16% :	2.63	0.16
7	2.83	-1.50	0.02	0.07	0.75	25% :	2.76	0.15
10	2.00	-1.00	0.04	0.11	0.86	50% :	3.07	0.12
14	1.41	-0.50	0.01	0.04	0.90	75% :	3.32	0.10
18	1.00	0.00	0.04	0.11	1.01	84% :	3.41	0.09
25	0.71	0.50	0.03	0.10	1.11	95% :	3.54	0.09
35	0.50	1.00	0.05	0.14	1.25			
45	0.35	1.50	0.10	0.32	1.57	Med.	3.07	0.12
60	0.25	2.00	0.18	0.57	2.14	Mean	3.04	0.12
80	0.18	2.50	1.28	4.07	6.21	St Dev.	0.37	
120	0.13	3.00	11.57	36.63	42.84	Skew	-0.17	
170	0.09	3.50	15.74	49.86	92.70	Kurt.	0.86	
200	0.07	3.75	1.27	4.02	96.72			
Pan			0.15	0.48	97.20			
Total			30.69	97.20	97.20			
						Moment	Statistics	
							Phi	mm
Cu =	1.43		Gravel		1 %	Mean	2.95	0.13
			Coarse	Sand	0 %	St. Dev.	0.64	0.64
			Med.	Sand	1 %	Skewness	-5.51	
Cc =	0.93		Fine	Sand	95 %	Kurtosis	45.44	

SEA, INC.

Sediment Analysis Data Sheet

Sample A-21-10.0

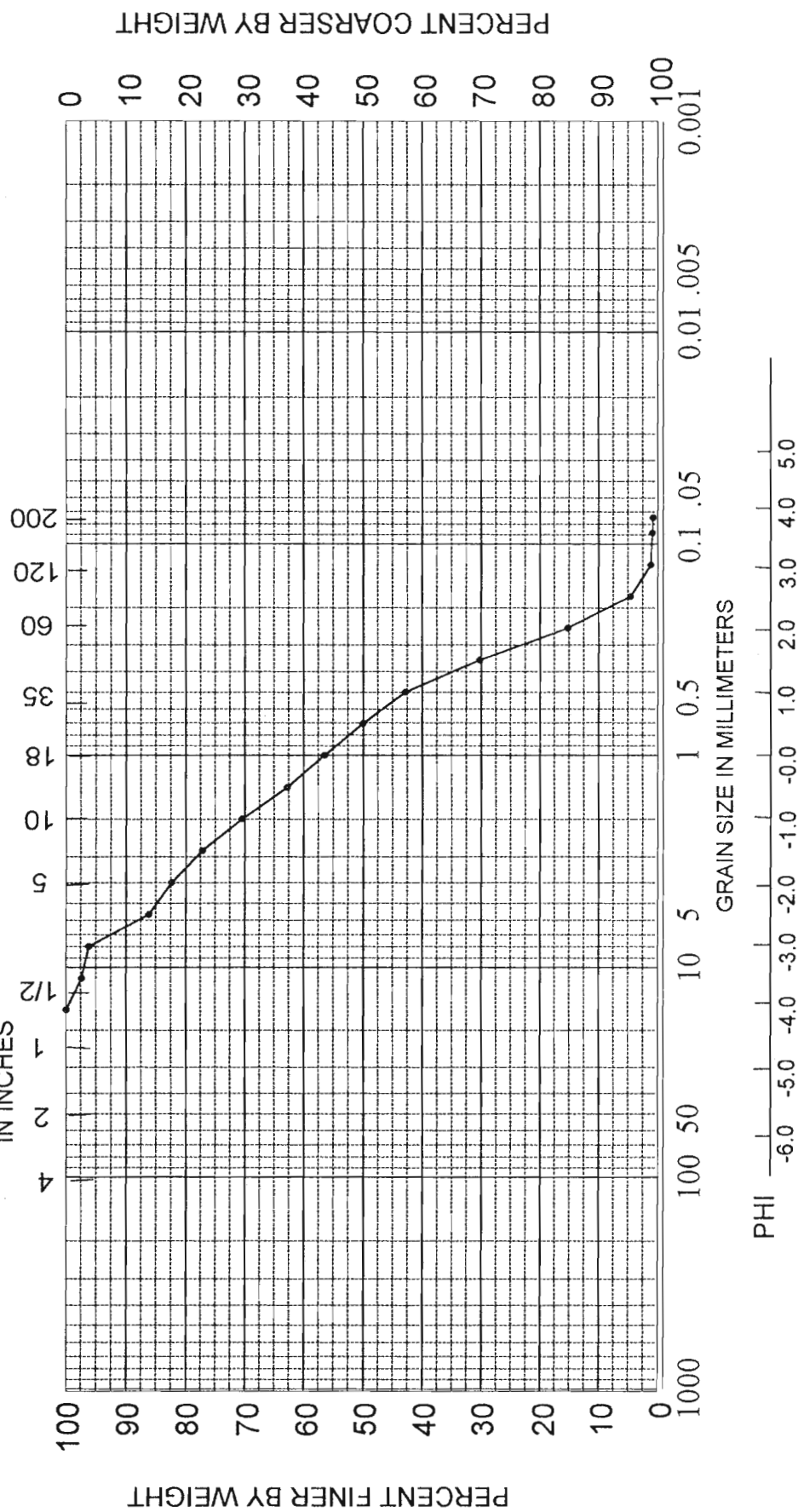
Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.88	2.56	2.56			
	8.00	-3.00	0.42	1.23	3.79			
	5.66	-2.50	3.41	9.97	13.76	5% :	-2.94	7.67
5	4.00	-2.00	1.32	3.86	17.62	16% :	-2.21	4.63
7	2.83	-1.50	1.75	5.13	22.75	25% :	-1.33	2.52
10	2.00	-1.00	2.33	6.80	29.55	50% :	0.51	0.70
14	1.41	-0.50	2.62	7.65	37.20	75% :	1.67	0.31
18	1.00	0.00	2.15	6.30	43.50	84% :	1.98	0.25
25	0.71	0.50	2.19	6.42	49.91	95% :	2.48	0.18
35	0.50	1.00	2.47	7.22	57.14			
45	0.35	1.50	4.33	12.65	69.79	Med.	0.51	0.70
60	0.25	2.00	5.10	14.93	84.72	Mean	0.09	0.94
80	0.18	2.50	3.64	10.64	95.36	St Dev.	1.87	
120	0.13	3.00	1.18	3.45	98.81	Skew	-0.28	
170	0.09	3.50	0.09	0.27	99.08	Kurt.	0.74	
200	0.07	3.75	0.02	0.05	99.13			
Pan			0.02	0.07	99.20			
Total			33.91	99.20	99.20			
						Moment	Statistics	
							Phi	mm
Cu =	5.76		Gravel		16 %	Mean	0.09	0.94
			Coarse	Sand	14 %	St. Dev.	1.82	0.28
			Med.	Sand	34 %	Skewness	-0.42	
Cc =	0.49		Fine	Sand	36 %	Kurtosis	1.98	

SEA, INC.

HYDROMETER

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

IN INCHES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
10.0'	-26.6' MLLW	Well graded sand	AREA Amelia Island, Georgia
		and carbonate gravel (SW)	BORING NO. A-21
			DATE June 2001