

Sediment Analysis Data Sheet

Sample A-23-R1-2.0

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	0.00	0.00	0.00	5% :	2.05	0.24
5	4.00	-2.00	0.07	0.27	0.27	16% :	2.51	0.18
7	2.83	-1.50	0.02	0.07	0.34	25% :	2.60	0.17
10	2.00	-1.00	0.07	0.25	0.58	50% :	2.84	0.14
14	1.41	-0.50	0.07	0.27	0.86	75% :	3.13	0.11
18	1.00	0.00	0.07	0.26	1.11	84% :	3.28	0.10
25	0.71	0.50	0.06	0.23	1.35	95% :	3.46	0.09
35	0.50	1.00	0.10	0.38	1.73			
45	0.35	1.50	0.16	0.59	2.32	Med.	2.84	0.14
60	0.25	2.00	0.41	1.51	3.82	Mean	2.87	0.14
80	0.18	2.50	2.97	11.03	14.86	St Dev.	0.40	
120	0.13	3.00	14.09	52.40	67.26	Skew	0.02	
170	0.09	3.50	8.18	30.42	97.67	Kurt.	1.08	
200	0.07	3.75	0.24	0.87	98.55			
Pan			0.01	0.05	98.60			
Total			26.51	98.60	98.60			
						Moment	Statistics	
							Phi	mm
Cu =	1.55		Gravel		0 %	Mean	2.77	0.15
			Coarse	Sand	0 %	St. Dev.	0.59	0.66
			Med.	Sand	1 %	Skewness	-4.06	
Cc =	1.02		Fine	Sand	97 %	Kurtosis	28.85	

SEA, INC.

Sediment Analysis Data Sheet

Sample A-23R1-12.0

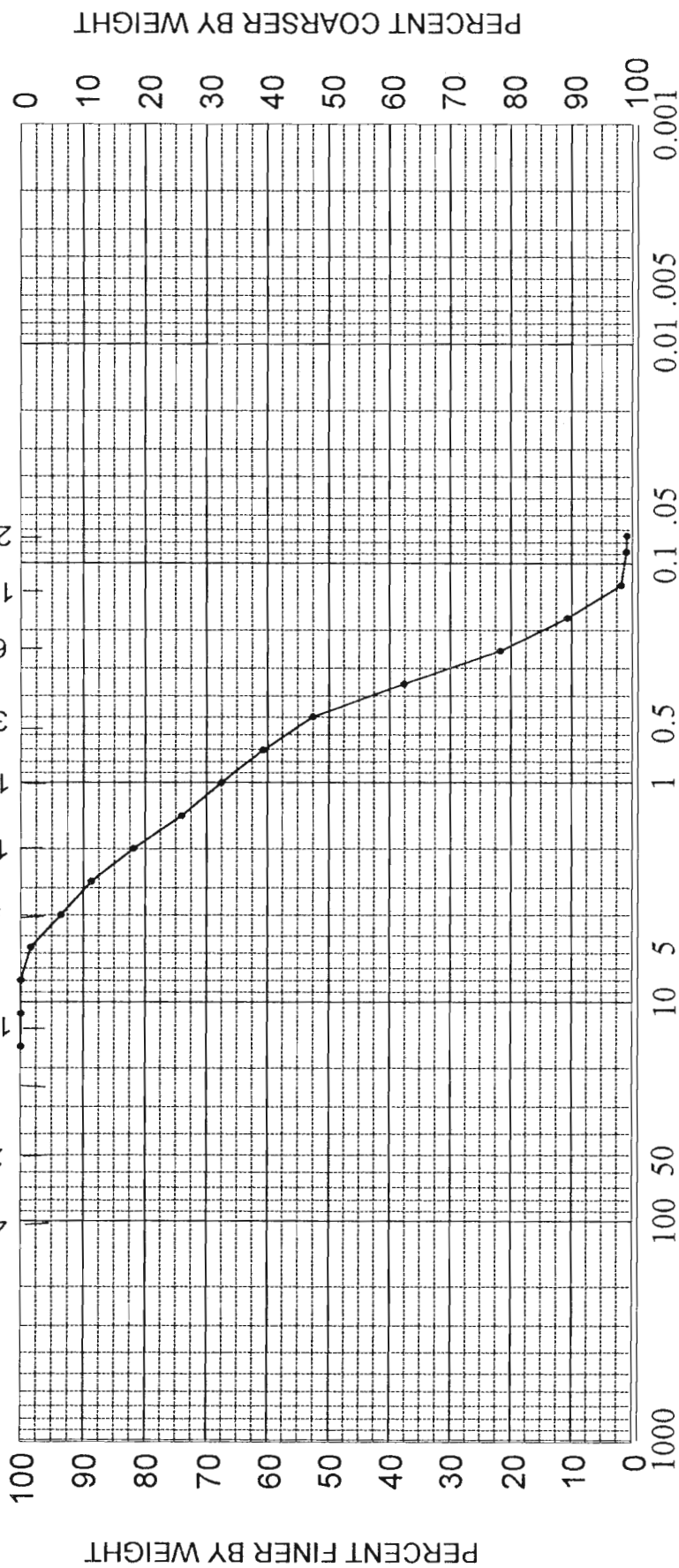
Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.00	0.00	0.00			
	5.66	-2.50	0.57	1.58	1.58	5% :	-2.14	4.41
5	4.00	-2.00	1.74	4.79	6.36	16% :	-1.15	2.22
7	2.83	-1.50	1.76	4.84	11.21	25% :	-0.56	1.47
10	2.00	-1.00	2.49	6.85	18.05	50% :	1.09	0.47
14	1.41	-0.50	2.85	7.84	25.89	75% :	1.90	0.27
18	1.00	0.00	2.37	6.50	32.39	84% :	2.26	0.21
25	0.71	0.50	2.49	6.84	39.23	95% :	2.82	0.14
35	0.50	1.00	2.96	8.14	47.37			
45	0.35	1.50	5.45	14.99	62.36	Med.	1.09	0.47
60	0.25	2.00	5.79	15.92	78.28	Mean	0.73	0.60
80	0.18	2.50	3.99	10.98	89.26	St Dev.	1.60	
120	0.13	3.00	3.24	8.89	98.15	Skew	-0.31	
170	0.09	3.50	0.29	0.79	98.95	Kurt.	0.83	
200	0.07	3.75	0.04	0.10	99.05			
Pan			0.02	0.05	99.10			
Total			36.05	99.10	99.10			
						Moment	Statistics	
							Phi	mm
Cu =	3.98		Gravel	4	%	Mean	0.68	0.63
			Coarse	Sand	14	%	St. Dev.	1.53
			Med.	Sand	37	%	Skewness	-0.48
Cc =	0.76		Fine	Sand	44	%	Kurtosis	2.16

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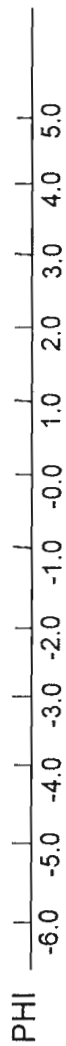
HYDROMETER

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

IN INCHES



GRAIN SIZE IN MILLIMETERS



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
12.0'	-22.8' MLLW	Medium to fine sand (SP)	Amelia Island Stabilization Project
			AREA Amelia Island, Georgia
			BORING NO. A-23R1
			DATE June 2001