

Sediment Analysis Data Sheet

Sample A-4R1-1.0

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% :	-1.02	2.03
5	4.00	-2.00	0.48	1.35	1.35	16% :	0.06	0.96
7	2.83	-1.50	0.55	1.55	2.90	25% :	0.54	0.69
10	2.00	-1.00	0.78	2.19	5.09	50% :	1.13	0.46
14	1.41	-0.50	1.45	4.08	9.16	75% :	1.48	0.36
18	1.00	0.00	2.08	5.85	15.01	84% :	1.76	0.29
25	0.71	0.50	3.06	8.62	23.63	95% :	2.44	0.18
35	0.50	1.00	6.13	17.24	40.88			
45	0.35	1.50	12.56	35.35	76.23	Med.	1.13	0.46
60	0.25	2.00	5.25	14.78	91.01	Mean	0.98	0.51
80	0.18	2.50	1.62	4.56	95.57	St Dev.	0.95	
120	0.13	3.00	1.14	3.20	98.77	Skew	-0.25	
170	0.09	3.50	0.31	0.86	99.63	Kurt.	1.50	
200	0.07	3.75	0.03	0.07	99.70			
Pan			0.00	0.00	99.70			
Total			35.42	99.70	99.70			
						Moment	Statistics	
							Phi	mm
Cu =	1.99		Gravel		1 %	Mean	0.95	0.52
			Coarse	Sand	4 %	St. Dev.	0.98	0.51
			Med.	Sand	53 %	Skewness	-0.85	
Cc =	1.08		Fine	Sand	41 %	Kurtosis	4.31	

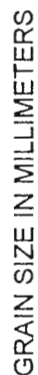
SEA, INC.

Sediment Analysis Data Sheet

Sample A-4R1-11.0

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	0.33	1.00	1.00	5% :	-0.91	1.88
5	4.00	-2.00	0.38	1.15	2.15	16% :	1.58	0.34
7	2.83	-1.50	0.41	1.25	3.39	25% :	2.11	0.23
10	2.00	-1.00	0.41	1.25	4.64	50% :	2.61	0.16
14	1.41	-0.50	0.68	2.07	6.72	75% :	2.86	0.14
18	1.00	0.00	0.66	2.00	8.72	84% :	2.95	0.13
25	0.71	0.50	0.58	1.77	10.48	95% :	3.31	0.10
35	0.50	1.00	0.59	1.80	12.28			
45	0.35	1.50	0.94	2.86	15.13	Med.	2.61	0.16
60	0.25	2.00	1.88	5.73	20.87	Mean	2.38	0.19
80	0.18	2.50	6.00	18.25	39.12	St Dev.	0.98	
120	0.13	3.00	16.51	50.26	89.38	Skew	-0.59	
170	0.09	3.50	2.96	9.01	98.38	Kurt.	2.33	
200	0.07	3.75	0.10	0.29	98.67			
Pan			0.01	0.03	98.70			
Total			32.42	98.70	98.70			
						Moment	Statistics	
							Phi	mm
Cu =	1.44		Gravel		2 %	Mean	2.17	0.22
			Coarse	Sand	3 %	St. Dev.	1.24	0.42
			Med.	Sand	9 %	Skewness	-2.23	
Cc =	0.95		Fine	Sand	85 %	Kurtosis	7.55	

SEA, INC.



COBBLES		GRAVEL		SAND			SILT OR CLAY
		COARSE	FINE	COARSE	MEDIUM	FINE	
SAMPLE NO.	ELEV.	CLASSIFICATION					PROJECT
11.0'	-21.3 ' MLLW	Fine sand (SP)					AREA Amelia Island, Georgia
							BORING NO. A-4R1
							DATE June 2001