

# Sediment Analysis Data Sheet

Sample A-12R1-5.0

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	0.09	0.28	0.28	5% :	1.83	0.28
5	4.00	-2.00	0.00	0.00	0.28	16% :	2.15	0.23
7	2.83	-1.50	0.02	0.05	0.33	25% :	2.29	0.20
10	2.00	-1.00	0.01	0.02	0.35	50% :	2.61	0.16
14	1.41	-0.50	0.00	0.00	0.35	75% :	2.84	0.14
18	1.00	0.00	0.03	0.09	0.44	84% :	2.92	0.13
25	0.71	0.50	0.03	0.10	0.54	95% :	3.20	0.11
35	0.50	1.00	0.06	0.18	0.72			
45	0.35	1.50	0.22	0.65	1.37	Med.	2.61	0.16
60	0.25	2.00	1.87	5.58	6.95	Mean	2.56	0.17
80	0.18	2.50	10.23	30.61	37.56	St Dev.	0.40	
120	0.13	3.00	18.53	55.47	93.03	Skew	-0.18	
170	0.09	3.50	1.68	5.04	98.07	Kurt.	1.04	
200	0.07	3.75	0.10	0.29	98.36			
Pan			0.01	0.04	98.40			
Total			32.87	98.40	98.40			
						Moment	Statistics	
							Phi	mm
Cu =	1.37		Gravel		0 %	Mean	2.53	0.17
			Coarse	Sand	0 %	St. Dev.	0.49	0.71
			Med.	Sand	1 %	Skewness	-4.54	
Cc =	0.94		Fine	Sand	97 %	Kurtosis	45.54	

SEA, INC.



# Sediment Analysis Data Sheet

Sample A-12R1-9.5

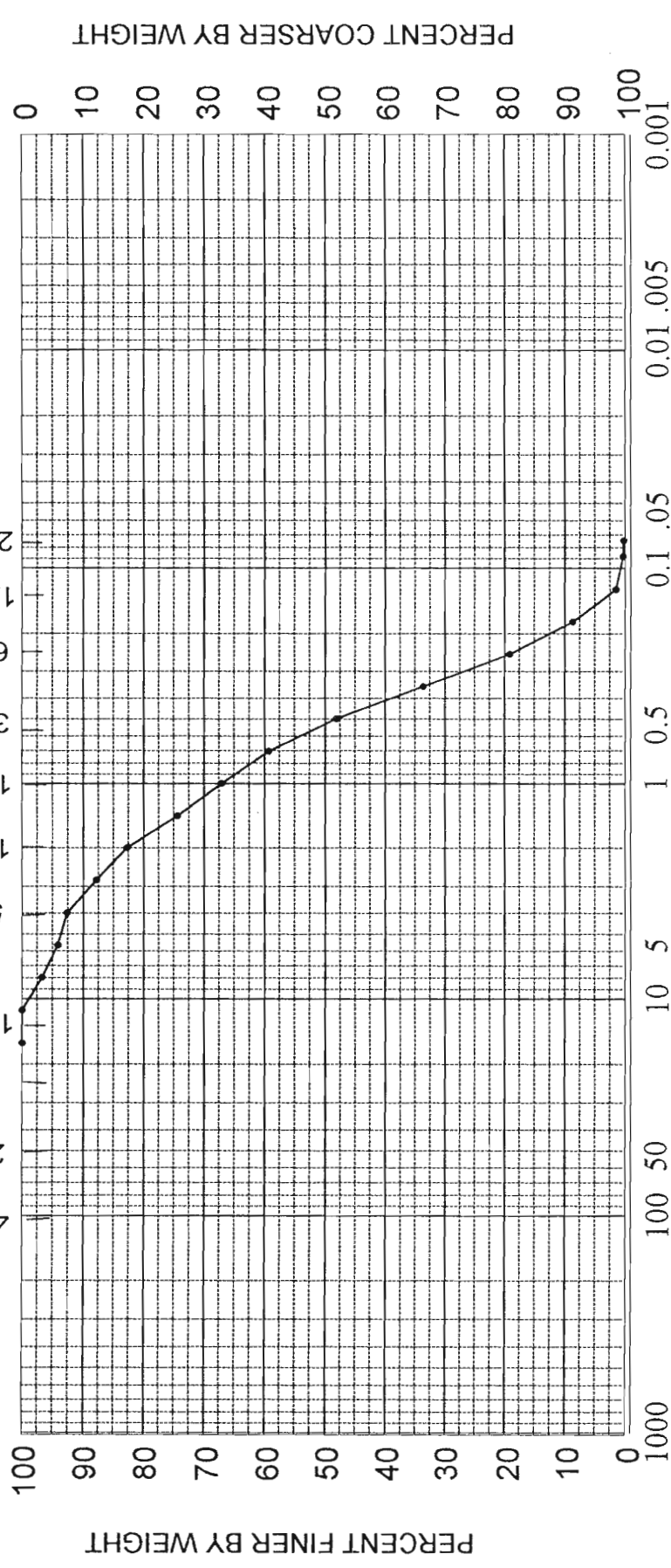
Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	1.02	3.20	3.20			
	5.66	-2.50	0.84	2.65	5.85	5% :	-2.66	6.32
5	4.00	-2.00	0.45	1.43	7.28	16% :	-1.12	2.17
7	2.83	-1.50	1.53	4.82	12.11	25% :	-0.53	1.45
10	2.00	-1.00	1.62	5.10	17.21	50% :	0.92	0.53
14	1.41	-0.50	2.64	8.32	25.53	75% :	1.80	0.29
18	1.00	0.00	2.31	7.30	32.83	84% :	2.15	0.23
25	0.71	0.50	2.47	7.78	40.61	95% :	2.76	0.15
35	0.50	1.00	3.57	11.25	51.86			
45	0.35	1.50	4.58	14.45	66.31	Med.	0.92	0.53
60	0.25	2.00	4.61	14.53	80.84	Mean	0.65	0.64
80	0.18	2.50	3.31	10.45	91.29	St Dev.	1.64	
120	0.13	3.00	2.27	7.16	98.44	Skew	-0.28	
170	0.09	3.50	0.38	1.19	99.64	Kurt.	0.95	
200	0.07	3.75	0.02	0.05	99.69			
Pan			0.00	0.01	99.70			
Total			31.62	99.70	99.70			
						Moment	Statistics	
							Phi	mm
Cu =	3.94		Gravel		7 %	Mean	0.57	0.67
			Coarse	Sand	11 %	St. Dev.	1.58	0.33
			Med.	Sand	42 %	Skewness	-0.63	
Cc =	0.78		Fine	Sand	41 %	Kurtosis	2.65	

SEA, INC.

# HYDROMETER

# U.S. STANDARD SIEVE NUMBERS

IN INCHES



PHI

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION				PROJECT Amelia Island Stabilization Project			
9.5'	-20.5' MLLW	Medium to fine sand (SP)				AREA	Amelia Island, Georgia		
						BORING NO.	A-12R1		
						DATE	June 2001		