

Sediment Analysis Data Sheet

Sample A-31R1-5.0

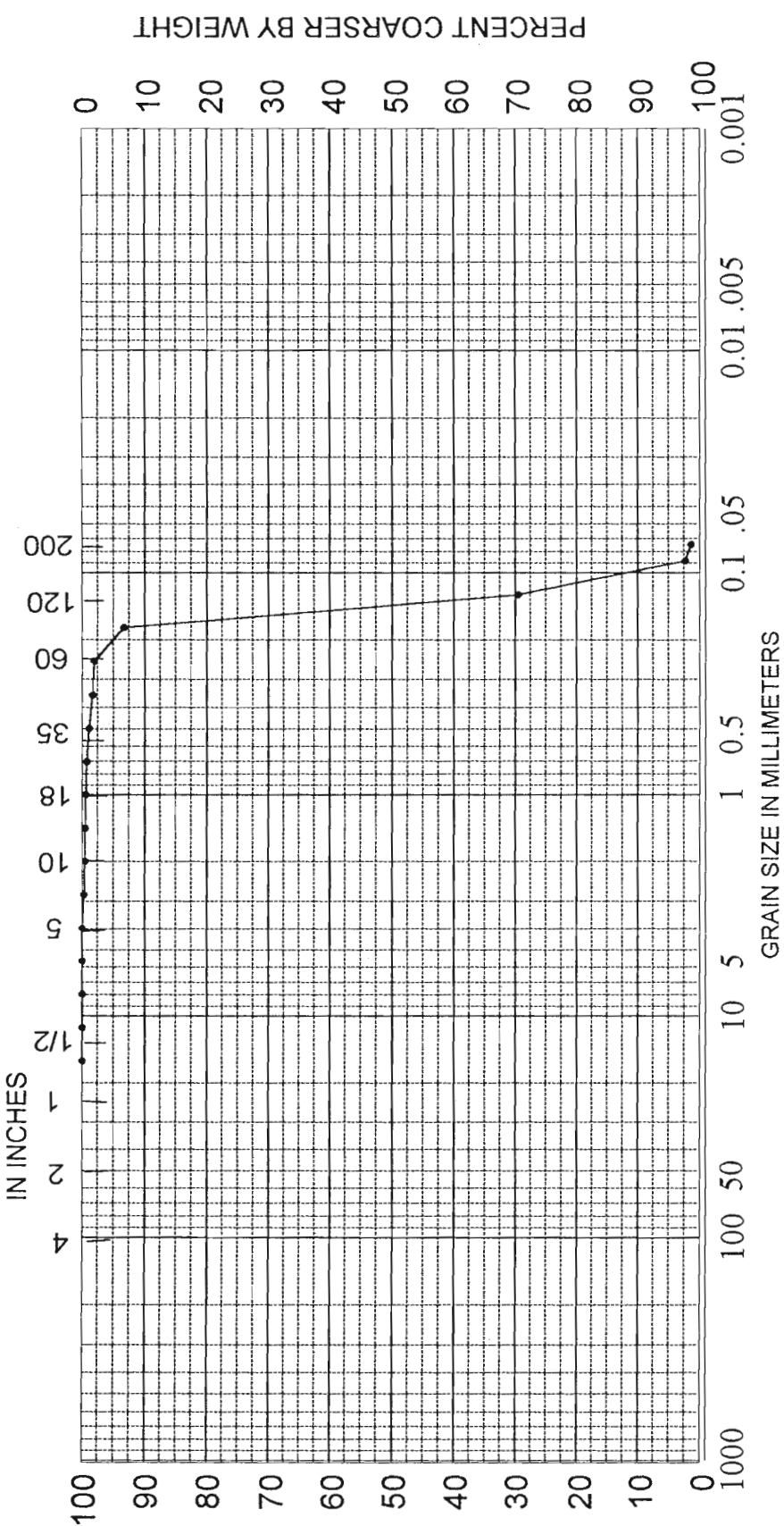
Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.00	0.00	0.00			
	5.66	-2.50	0.00	0.00	0.00	5% :	2.33	0.20
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.57	0.17
7	2.83	-1.50	0.08	0.24	0.24	25% :	2.64	0.16
10	2.00	-1.00	0.07	0.21	0.44	50% :	2.84	0.14
14	1.41	-0.50	0.01	0.03	0.47	75% :	3.08	0.12
18	1.00	0.00	0.02	0.05	0.53	84% :	3.25	0.11
25	0.71	0.50	0.08	0.23	0.75	95% :	3.45	0.09
35	0.50	1.00	0.12	0.34	1.09			
45	0.35	1.50	0.19	0.56	1.65	Med.	2.84	0.14
60	0.25	2.00	0.10	0.27	1.93	Mean	2.89	0.14
80	0.18	2.50	1.63	4.70	6.63	St Dev.	0.34	
120	0.13	3.00	22.11	63.87	70.49	Skew	0.15	
170	0.09	3.50	9.40	27.16	97.65	Kurt.	1.05	
200	0.07	3.75	0.32	0.92	98.58			
Pan			0.04	0.12	98.70			
Total			34.17	98.70	98.70			
						Moment	Statistics	
							Phi	mm
Cu =	1.51		Gravel		0 %	Mean	2.82	0.14
			Coarse	Sand	0 %	St. Dev.	0.47	0.72
			Med.	Sand	1 %	Skewness	-4.67	
Cc =	1.09		Fine	Sand	97 %	Kurtosis	40.88	

SEA, INC.

U.S. STANDARD SIEVE OPENING IN INCHES

U.S. STANDARD SIEVE NUMBERS

HYDROMETER



COBBLES	GRAVEL			SAND			SILT OR CLAY
	COARSE	FINE		COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION					PROJECT Amelia Island Stabilization Project		
5.0'	-9.5' MLLW	Fine sand (SP)					AREA	Amelia Island, Georgia	
							BORING NO.	A-31R1	
							DATE	June 2001	

Sediment Analysis Data Sheet

Sample A-31R1-8.0

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	0.20	0.50	0.50			
	5.66	-2.50	0.56	1.43	1.92	5% :	-1.94	3.84
5	4.00	-2.00	1.01	2.56	4.48	16% :	-0.94	1.92
7	2.83	-1.50	1.74	4.39	8.87	25% :	-0.36	1.28
10	2.00	-1.00	2.48	6.27	15.13	50% :	1.10	0.47
14	1.41	-0.50	3.06	7.72	22.85	75% :	1.97	0.26
18	1.00	0.00	2.95	7.45	30.30	84% :	2.44	0.18
25	0.71	0.50	3.22	8.13	38.43	95% :	2.97	0.13
35	0.50	1.00	3.40	8.60	47.03			
45	0.35	1.50	5.68	14.36	61.39	Med.	1.10	0.47
60	0.25	2.00	5.77	14.57	75.96	Mean	0.87	0.55
80	0.18	2.50	3.64	9.19	85.16	St Dev.	1.59	
120	0.13	3.00	4.18	10.58	95.73	Skew	-0.23	
170	0.09	3.50	0.94	2.38	98.11	Kurt.	0.87	
200	0.07	3.75	0.09	0.24	98.35			
Pan			0.02	0.05	98.40			
Total			38.93	98.40	98.40			
						Moment	Statistics	
							Phi	mm
Cu =	4.40		Gravel		3 %	Mean	0.77	0.59
			Coarse	Sand	12 %	St. Dev.	1.52	0.35
			Med.	Sand	39 %	Skewness	-0.45	
Cc =	0.83		Fine	Sand	44 %	Kurtosis	2.36	

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