

# Sediment Analysis Data Sheet

Sample A-31R2-10.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	9.46	24.83	24.83			
	11.31	-3.50	1.90	4.98	29.81			
	8.00	-3.00	0.63	1.65	31.46			
	5.66	-2.50	0.81	2.13	33.59	5% :	-4.80	27.86
5	4.00	-2.00	1.06	2.79	36.39	16% :	-4.20	18.38
7	2.83	-1.50	0.94	2.47	38.85	25% :	-3.98	15.81
10	2.00	-1.00	1.11	2.92	41.77	50% :	0.37	0.77
14	1.41	-0.50	1.13	2.96	44.73	75% :	1.97	0.25
18	1.00	0.00	1.11	2.92	47.65	84% :	2.51	0.18
25	0.71	0.50	1.21	3.17	50.82	95% :	2.93	0.13
35	0.50	1.00	1.59	4.17	54.99			
45	0.35	1.50	3.52	9.24	64.24	Med.	0.37	0.77
60	0.25	2.00	4.32	11.35	75.59	Mean	-0.44	1.36
80	0.18	2.50	3.15	8.27	83.86	St Dev.	2.85	
120	0.13	3.00	4.94	12.97	96.84	Skew	-0.35	
170	0.09	3.50	0.84	2.21	99.04	Kurt.	0.53	
200	0.07	3.75	0.03	0.08	99.12			
Pan			0.07	0.18	99.30			
Total			37.82	99.30	99.30			
						Moment	Statistics	
							Phi	mm
Cu =	16.45		Gravel		35 %	Mean	-0.56	1.47
			Coarse	Sand	7 %	St. Dev.	2.78	0.15
			Med.	Sand	18 %	Skewness	-0.23	
Cc =	0.24		Fine	Sand	40 %	Kurtosis	1.41	

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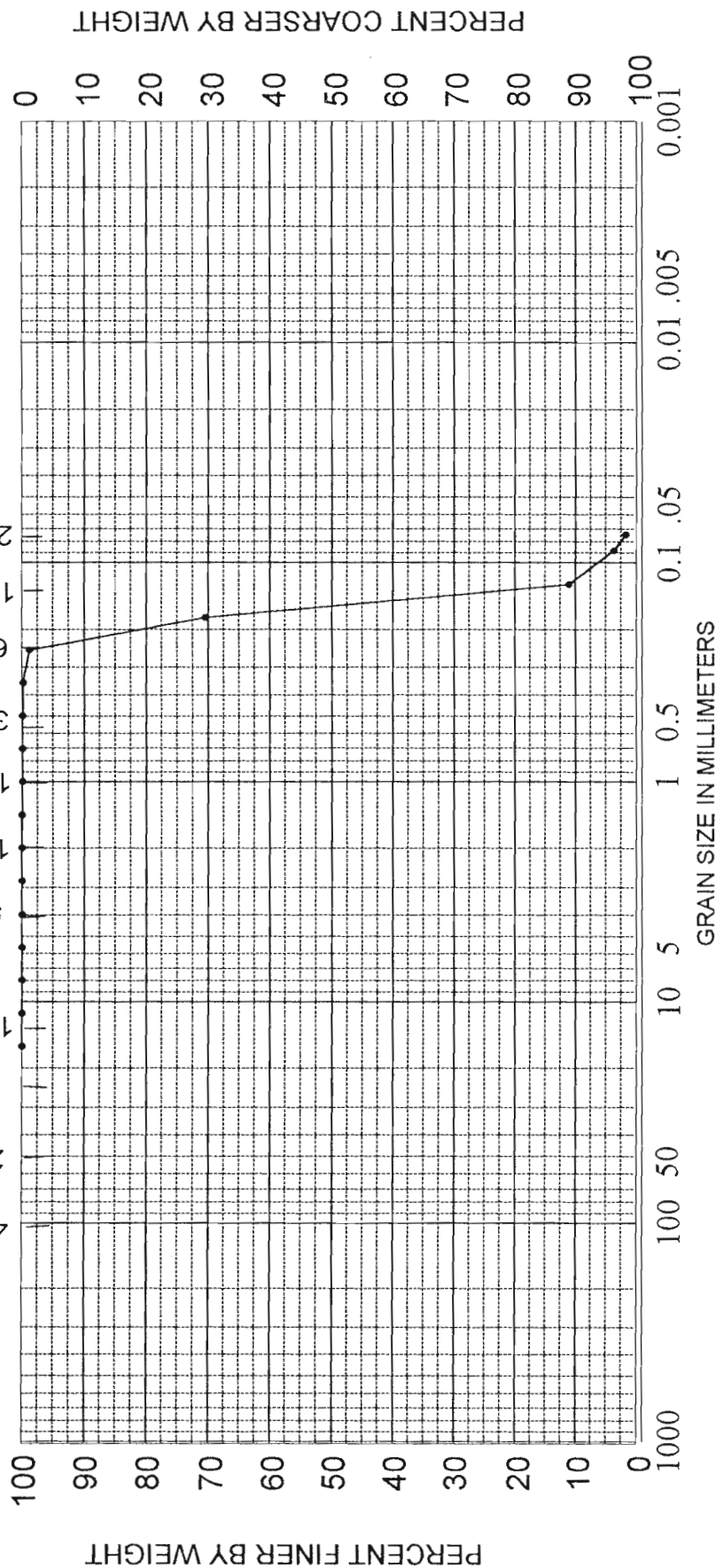
# Sediment Analysis Data Sheet

Sample A-31R2-16.0

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% :	2.07	0.24
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.26	0.21
7	2.83	-1.50	0.00	0.00	0.00	25% :	2.42	0.19
10	2.00	-1.00	0.01	0.02	0.02	50% :	2.67	0.16
14	1.41	-0.50	0.01	0.02	0.04	75% :	2.88	0.14
18	1.00	0.00	0.00	0.01	0.05	84% :	2.96	0.13
25	0.71	0.50	0.01	0.04	0.09	95% :	3.41	0.09
35	0.50	1.00	0.01	0.03	0.12			
45	0.35	1.50	0.03	0.09	0.21	Med.	2.67	0.16
60	0.25	2.00	0.31	0.98	1.19	Mean	2.63	0.16
80	0.18	2.50	9.07	28.29	29.47	St Dev.	0.38	
120	0.13	3.00	19.04	59.38	88.85	Skew	-0.04	
170	0.09	3.50	2.38	7.41	96.27	Kurt.	1.19	
200	0.07	3.75	0.63	1.96	98.23			
Pan			0.15	0.47	98.70			
Total			31.65	98.70	98.70			
						Moment	Statistics	
							Phi	mm
Cu =	1.40		Gravel		0 %	Mean	2.64	0.16
			Coarse	Sand	0 %	St. Dev.	0.35	0.78
			Med.	Sand	0 %	Skewness	-0.21	
Cc =	0.99		Fine	Sand	98 %	Kurtosis	10.05	

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U.S. STANDARD SIEVE OPENING IN INCHES U.S. STANDARD SIEVE NUMBERS HYDROMETER



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GRAIN SIZE IN MILLIMETERS

COBBLES	GRAVEL		SAND		SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
16.0'	-20.6' MLLW	Fine sand (SP)	Amelia Island Stabilization Project
			AREA Amelia Island, Georgia
			BORING NO. A-31R2
			DATE June 2001