

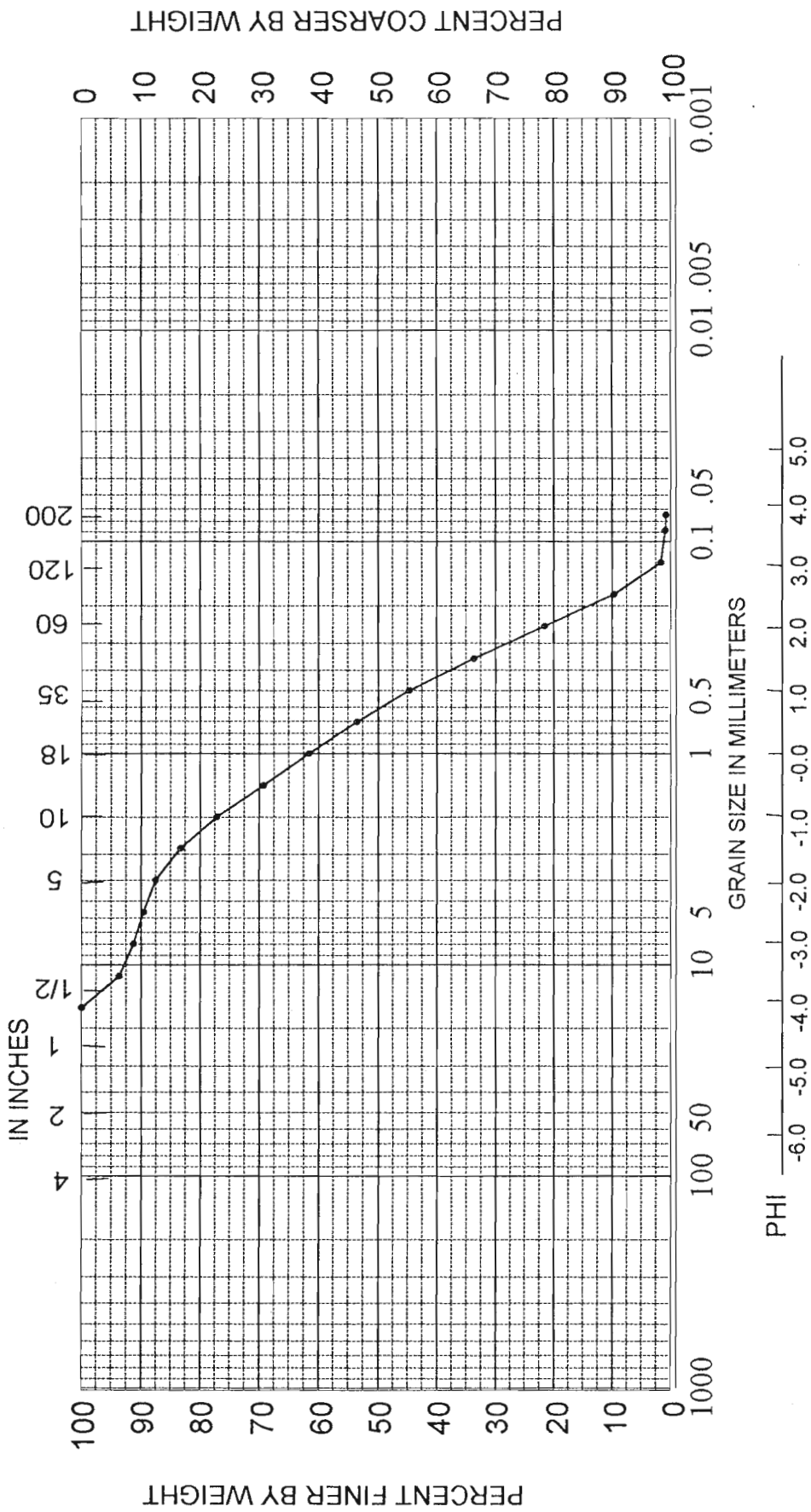
Sediment Analysis Data Sheet

Sample A-6-5.0

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	2.21	6.25	6.25			
	8.00	-3.00	0.88	2.47	8.72			
	5.66	-2.50	0.59	1.67	10.39	5% :	-3.60	12.12
5	4.00	-2.00	0.70	1.97	12.36	16% :	-1.58	2.99
7	2.83	-1.50	1.53	4.31	16.68	25% :	-0.86	1.81
10	2.00	-1.00	2.15	6.08	22.76	50% :	0.70	0.62
14	1.41	-0.50	2.80	7.90	30.66	75% :	1.86	0.28
18	1.00	0.00	2.69	7.61	38.26	84% :	2.24	0.21
25	0.71	0.50	2.90	8.19	46.45	95% :	2.79	0.14
35	0.50	1.00	3.12	8.82	55.27			
45	0.35	1.50	3.92	11.08	66.35	Med.	0.70	0.62
60	0.25	2.00	4.26	12.05	78.40	Mean	0.45	0.73
80	0.18	2.50	4.21	11.89	90.29	St Dev.	1.92	
120	0.13	3.00	2.83	8.00	98.29	Skew	-0.27	
170	0.09	3.50	0.29	0.82	99.12	Kurt.	0.96	
200	0.07	3.75	0.02	0.06	99.18			
Pan			0.01	0.02	99.20			
Total			35.11	99.20	99.20			
						Moment	Statistics	
							Phi	mm
Cu =	5.21		Gravel	11	%	Mean	0.32	0.80
			Coarse	Sand	11	%	St. Dev.	1.86
			Med.	Sand	38	%	Skewness	-0.66
Cc =	0.61		Fine	Sand	38	%	Kurtosis	2.56

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HYDROMETER



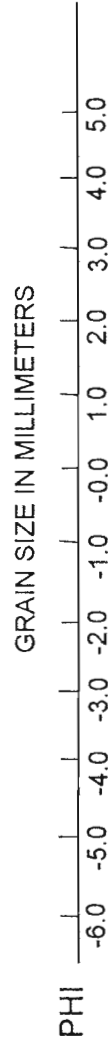
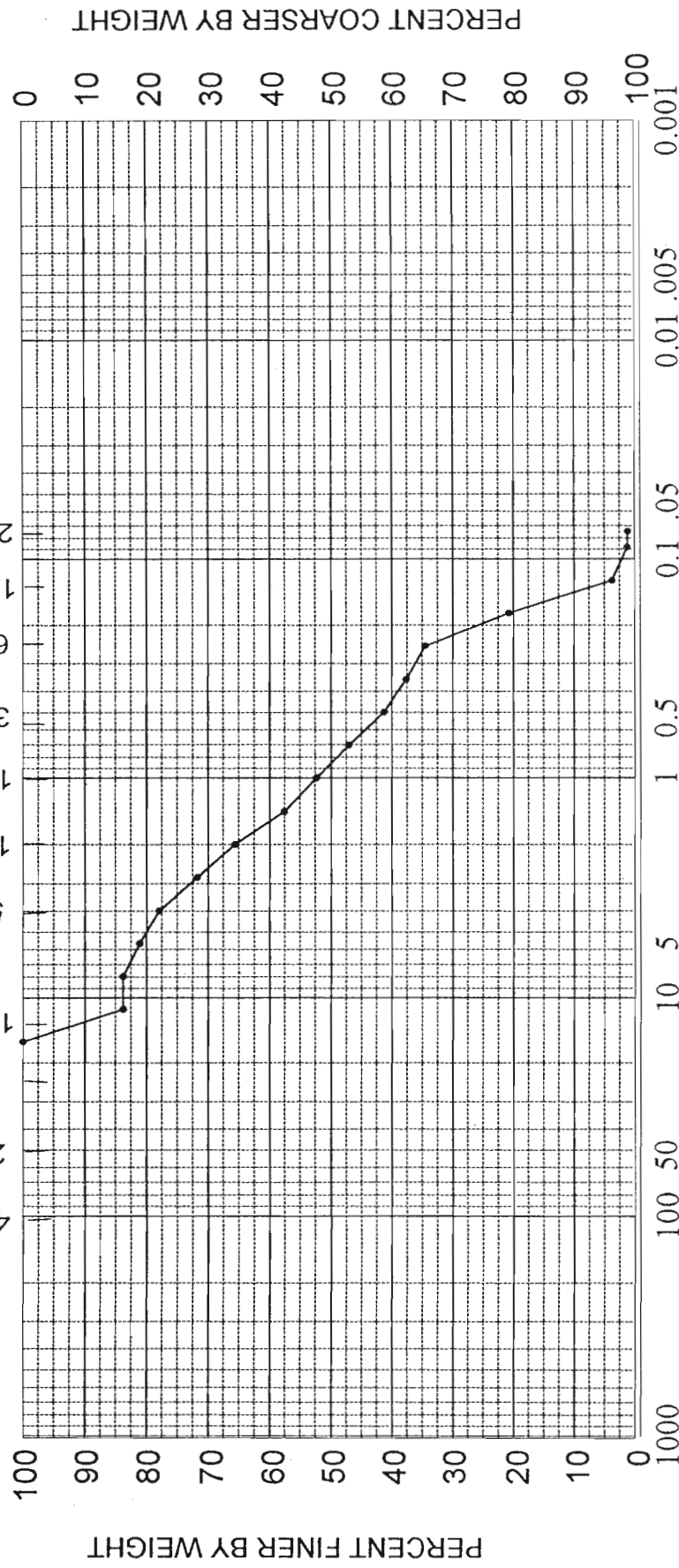
SAMPLE NO.	ELEV.	COBBLES	GRAVEL		SAND			SILT OR CLAY	PROJECT
			COARSE	FINE	COARSE	MEDIUM	FINE		
			CLASSIFICATION						Amelia Island Stabilization Project
5.0'	-18.5' MLLW		Medium to fine sand (SP)						AREA Amelia Island, Georgia
									BORING NO. A-6
									DATE June 2001

Sediment Analysis Data Sheet

Sample A-6-16.0

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	5.05	16.16	16.16			
	8.00	-3.00	0.00	0.00	16.16			
	5.66	-2.50	0.84	2.69	18.86	5% :	-3.85	14.37
5	4.00	-2.00	0.99	3.18	22.04	16% :	-3.51	11.35
7	2.83	-1.50	1.93	6.19	28.22	25% :	-1.76	3.39
10	2.00	-1.00	1.91	6.12	34.35	50% :	0.22	0.86
14	1.41	-0.50	2.49	7.98	42.32	75% :	2.35	0.20
18	1.00	0.00	1.67	5.36	47.68	84% :	2.64	0.16
25	0.71	0.50	1.63	5.23	52.92	95% :	2.96	0.13
35	0.50	1.00	1.83	5.85	58.77			
45	0.35	1.50	1.12	3.60	62.37	Med.	0.22	0.86
60	0.25	2.00	0.96	3.08	65.45	Mean	-0.21	1.16
80	0.18	2.50	4.28	13.70	79.15	St Dev.	2.57	
120	0.13	3.00	5.32	17.05	96.21	Skew	-0.20	
170	0.09	3.50	0.77	2.47	98.68	Kurt.	0.68	
200	0.07	3.75	0.04	0.13	98.81			
Pan			0.03	0.09	98.90			
Total			30.87	98.90	98.90			
						Moment	Statistics	
							Phi	mm
Cu =	11.03		Gravel		20 %	Mean	0.01	0.99
			Coarse	Sand	14 %	St. Dev.	2.34	0.20
			Med.	Sand	26 %	Skewness	-0.30	
Cc =	0.22		Fine	Sand	38 %	Kurtosis	1.75	

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COBBLES		GRAVEL		SAND			SILT OR CLAY	PROJECT
		COARSE	FINE	COARSE	MEDIUM	FINE		
SAMPLE NO.	ELEV.	CLASSIFICATION					Amelia Island Stabilization Project	
16.0'	-29.5' MLLW	Well graded sand and gravel (SW)					AREA	Amelia Island, Georgia
							BORING NO.	A-6
							DATE	June 2001