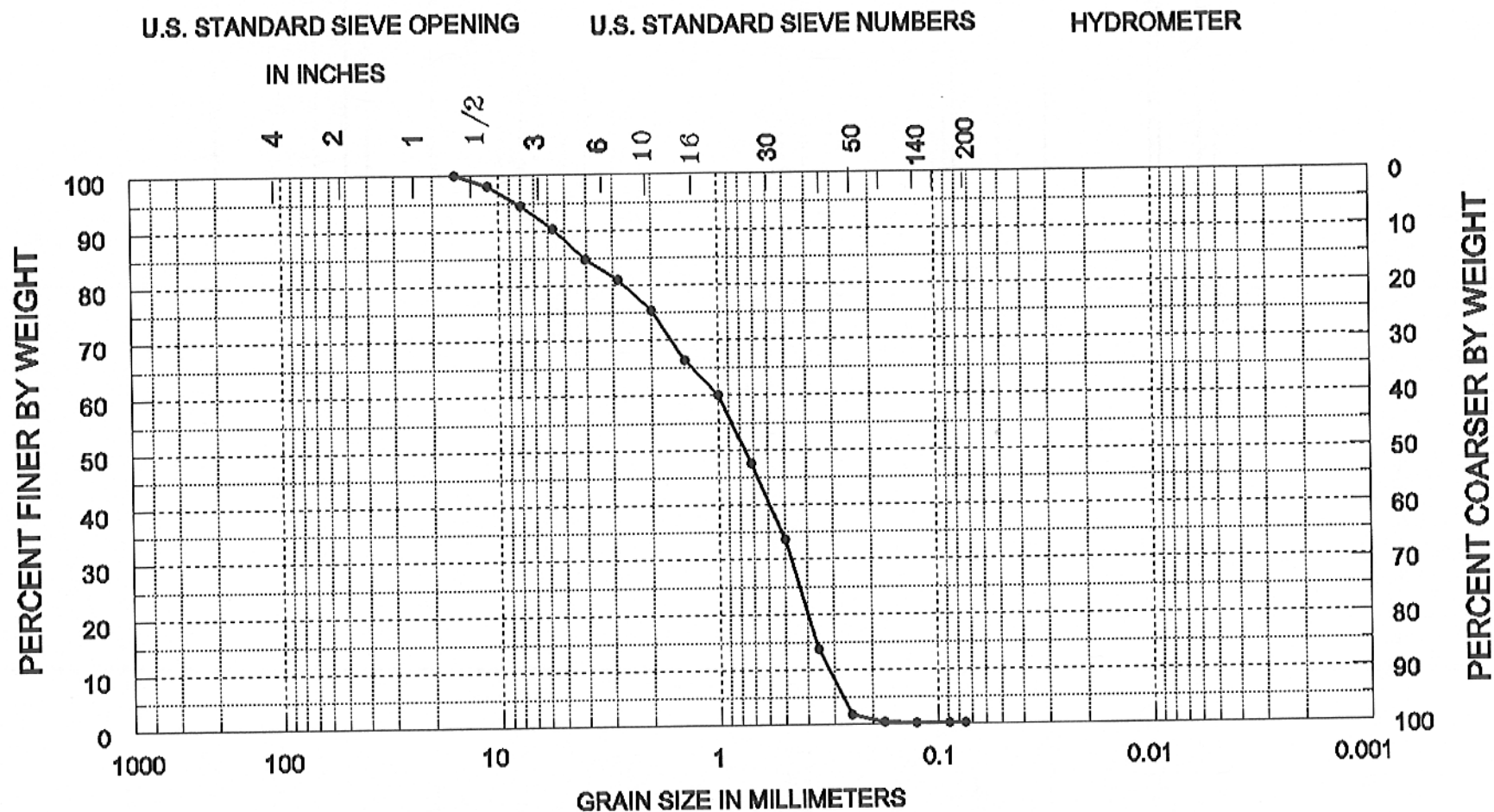


Sediment Analysis Data Sheet

Sample IR-C-5-0.5

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	0.47	1.95	1.95			
	8.00	-3.00	0.85	3.51	5.46			
	5.66	-2.50	1.03	4.25	9.71	5% :	-3.07	8.37
5	4.00	-2.00	1.35	5.59	15.29	16% :	-1.91	3.75
7	2.83	-1.50	0.92	3.81	19.10	25% :	-0.97	1.96
10	2.00	-1.00	1.29	5.36	24.46	50% :	0.40	0.76
14	1.41	-0.50	2.21	9.14	33.60	75% :	1.22	0.43
18	1.00	0.00	1.53	6.35	39.95	84% :	1.44	0.37
25	0.71	0.50	3.03	12.57	52.52	95% :	1.87	0.27
35	0.50	1.00	3.32	13.76	66.29			
45	0.35	1.50	4.84	20.06	86.35	Med.	0.40	0.76
60	0.25	2.00	2.86	11.84	98.19	Mean	-0.25	1.19
80	0.18	2.50	0.35	1.43	99.62	St Dev.	1.58	
120	0.13	3.00	0.05	0.21	99.83	Skew	-0.39	
170	0.09	3.50	0.01	0.06	99.89	Kurt.	0.92	
200	0.07	3.75	0.00	0.01	99.90			
Pan			0.00	0.00	99.90			
Total			24.09	99.90	99.90			
						Moment Statistics		
							Phi	mm
Cu =	3.14		Gravel		13 %	Mean	0.15	0.90
			Coarse Sand		12 %	St. Dev.	1.64	0.32
			Med. Sand		52 %	Skewness	-0.73	
Cc =	0.69		Fine Sand		24 %	Kurtosis	2.44	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

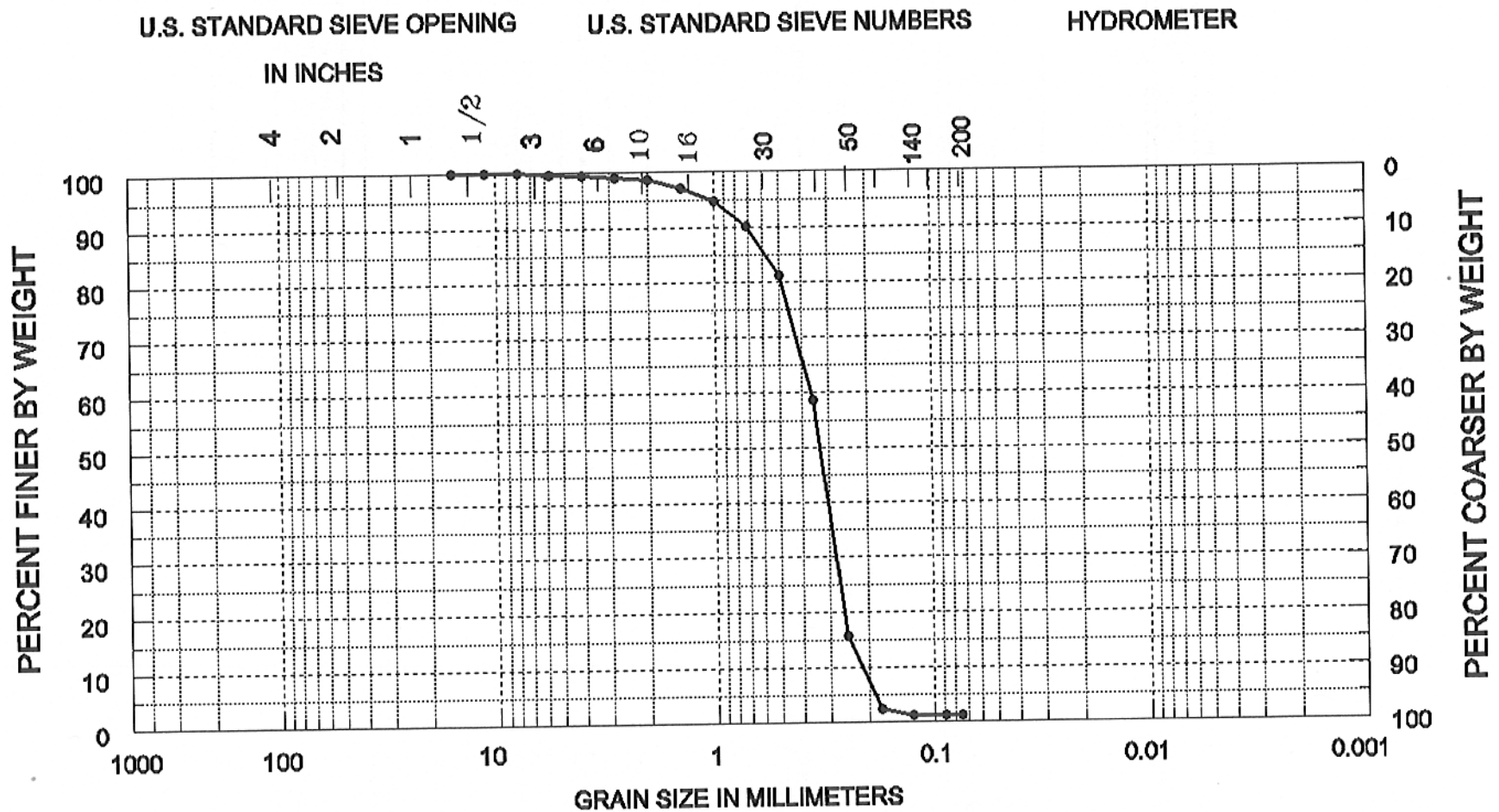
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-25.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-5
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-5-4.0

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	0.12	0.37	0.37	5%	-0.07	1.05
5	4.00	-2.00	0.07	0.23	0.60	16%	0.84	0.56
7	2.83	-1.50	0.10	0.33	0.92	25%	1.14	0.45
10	2.00	-1.00	0.17	0.56	1.48	50%	1.60	0.33
14	1.41	-0.50	0.47	1.51	2.99	75%	1.89	0.27
18	1.00	0.00	0.72	2.31	5.30	84%	2.00	0.25
25	0.71	0.50	1.45	4.65	9.95	95%	2.40	0.19
35	0.50	1.00	2.74	8.78	18.73			
45	0.35	1.50	7.09	22.67	41.40	Med.	1.60	0.33
60	0.25	2.00	13.43	42.96	84.37	Mean	1.36	0.39
80	0.18	2.50	4.14	13.24	97.61	St Dev.	0.66	
120	0.13	3.00	0.35	1.11	98.72	Skew	-0.33	
170	0.09	3.50	0.06	0.18	98.90	Kurt.	1.34	
200	0.07	3.75	0.00	0.00	98.90			
Pan			0.00	0.00	98.90			
Total			30.91	98.90	98.90			
						Moment Statistics		
							Phi	mm
Cu =	1.67		Gravel		0 %	Mean	1.66	0.32
			Coarse	Sand	1 %	St. Dev.	0.79	0.58
			Med.	Sand	29 %	Skewness	-2.05	
Cc =	1.01		Fine	Sand	69 %	Kurtosis	9.51	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

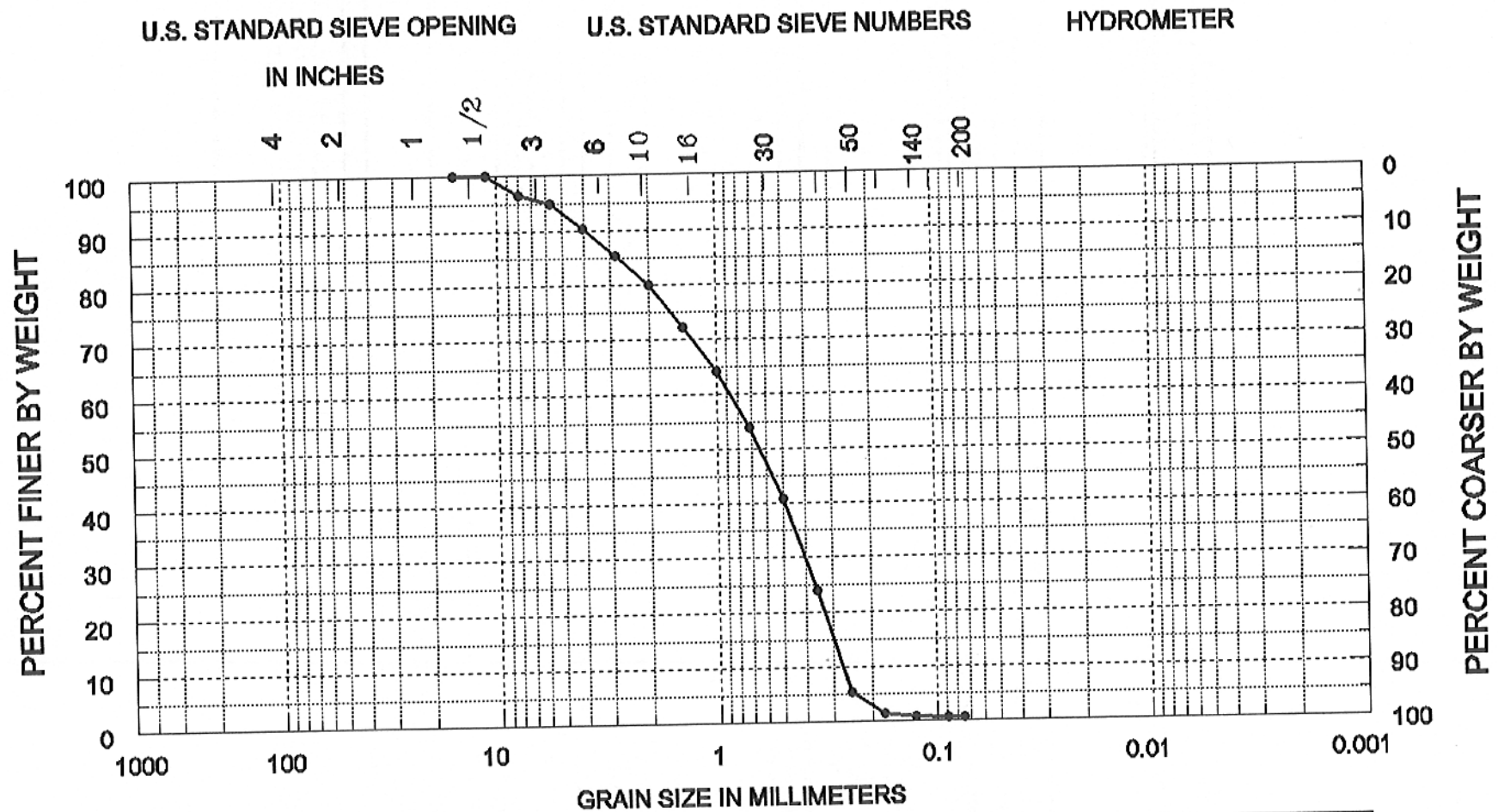
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-28.7	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-5
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-5-8.0

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	0.72	3.53	3.53	
	5.66	-2.50	0.33	1.60	5.13	5% : -2.54 5.82
5	4.00	-2.00	0.93	4.57	9.70	16% : -1.37 2.59
7	2.83	-1.50	1.00	4.89	14.59	25% : -0.68 1.60
10	2.00	-1.00	1.11	5.46	20.05	50% : 0.64 0.64
14	1.41	-0.50	1.57	7.69	27.74	75% : 1.47 0.36
18	1.00	0.00	1.66	8.14	35.88	84% : 1.71 0.30
25	0.71	0.50	2.11	10.33	46.21	95% : 2.04 0.24
35	0.50	1.00	2.67	13.09	59.30	
45	0.35	1.50	3.40	16.67	75.98	Med. 0.64 0.64
60	0.25	2.00	3.81	18.70	94.67	Mean 0.10 0.93
80	0.18	2.50	0.81	3.98	98.65	St Dev. 1.47
120	0.13	3.00	0.13	0.62	99.27	Skew -0.35
170	0.09	3.50	0.05	0.23	99.50	Kurt. 0.87
200	0.07	3.75	0.00	0.00	99.50	
Pan			0.00	0.00	99.50	
Total			20.29	99.50	99.50	
						Moment Statistics
						Phi mm
Cu =	3.19		Gravel	7	%	Mean 0.53 0.69
			Coarse Sand	13	%	St. Dev. 1.46 0.36
			Med. Sand	48	%	Skewness -0.72
Cc =	0.67		Fine Sand	32	%	Kurtosis 2.66

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Sediment Analysis Data Sheet

Sample IR-C-5-12.0

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	0.43	1.78	1.78	5% :	-1.90	3.73
5	4.00	-2.00	0.59	2.45	4.22	16% :	-0.86	1.81
7	2.83	-1.50	0.95	3.92	8.14	25% :	-0.25	1.19
10	2.00	-1.00	1.40	5.80	13.94	50% :	1.21	0.43
14	1.41	-0.50	1.77	7.32	21.26	75% :	2.04	0.24
18	1.00	0.00	1.78	7.37	28.63	84% :	2.26	0.21
25	0.71	0.50	2.05	8.49	37.11	95% :	2.63	0.16
35	0.50	1.00	2.04	8.44	45.55			
45	0.35	1.50	2.59	10.74	56.29	Med.	1.21	0.43
60	0.25	2.00	4.17	17.25	73.54	Mean	0.67	0.63
80	0.18	2.50	4.91	20.35	93.89	St Dev.	1.47	
120	0.13	3.00	1.01	4.16	98.05	Skew	-0.35	
170	0.09	3.50	0.09	0.39	98.44	Kurt.	0.81	
200	0.07	3.75	0.02	0.06	98.50			
Pan			0.00	0.00	98.50			
Total			23.79	98.50	98.50			
						Moment Statistics		
							Phi	mm
Cu =	3.33		Gravel		3 %	Mean	1.00	0.50
			Coarse Sand		11 %	St. Dev.	1.52	0.35
			Med. Sand		37 %	Skewness	-0.71	
Cc =	0.61		Fine Sand		48 %	Kurtosis	2.44	

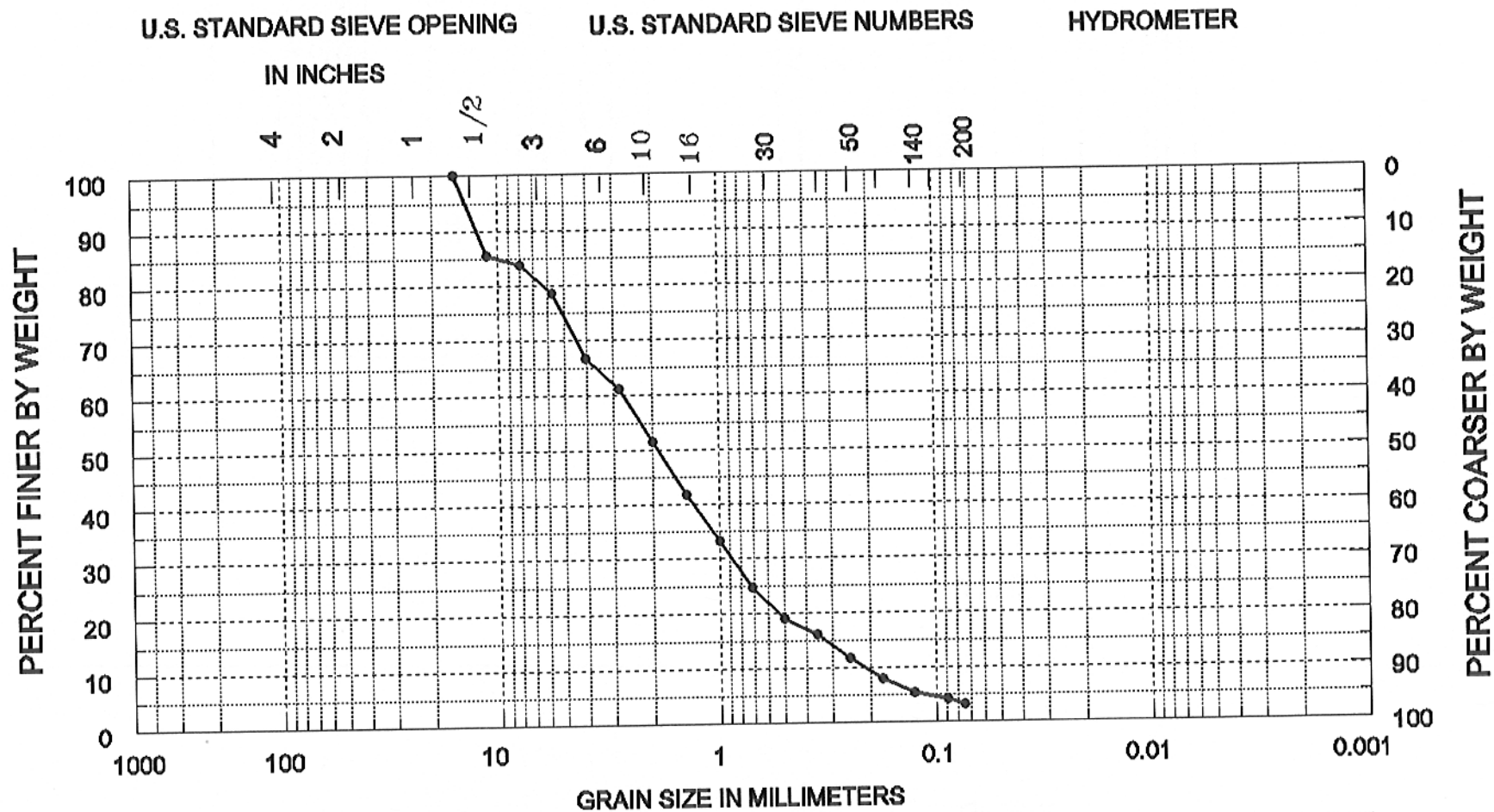
SEA, INC.

Sediment Analysis Data Sheet

Sample IR-C-5-16.0

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	3.87	14.52	14.52		
	8.00	-3.00	0.47	1.77	16.30		
	5.66	-2.50	1.34	5.03	21.33	5% :	-3.83 14.20
5	4.00	-2.00	3.20	12.00	33.32	16% :	-3.08 8.48
7	2.83	-1.50	1.44	5.40	38.72	25% :	-2.35 5.09
10	2.00	-1.00	2.63	9.88	48.60	50% :	-0.93 1.90
14	1.41	-0.50	2.55	9.58	58.18	75% :	0.49 0.71
18	1.00	0.00	2.30	8.63	66.81	84% :	1.52 0.35
25	0.71	0.50	2.24	8.40	75.21	95% :	3.14 0.11
35	0.50	1.00	1.52	5.70	80.91		
45	0.35	1.50	0.79	2.96	83.87	Med.	-0.93 1.90
60	0.25	2.00	1.17	4.38	88.25	Mean	-0.64 1.55
80	0.18	2.50	1.02	3.83	92.08	St Dev.	2.21
120	0.13	3.00	0.68	2.55	94.63	Skew	0.11
170	0.09	3.50	0.34	1.29	95.92	Kurt.	1.01
200	0.07	3.75	0.24	0.88	96.80		
Pan			0.00	0.00	96.80		
Total			25.80	96.80	96.80		
						Moment	Statistics
							Phi mm
Cu =	12.67		Gravel	27	%	Mean	-0.85 1.80
			Coarse Sand	21	%	St. Dev.	2.02 0.25
			Med. Sand	34	%	Skewness	0.28
Cc =	1.33		Fine Sand	14	%	Kurtosis	2.20

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
16.0	-40.7	Well graded sand and gravel (SW)	AREA Indian River County
			BORING NO. IR-C-5
			DATE June, 1999