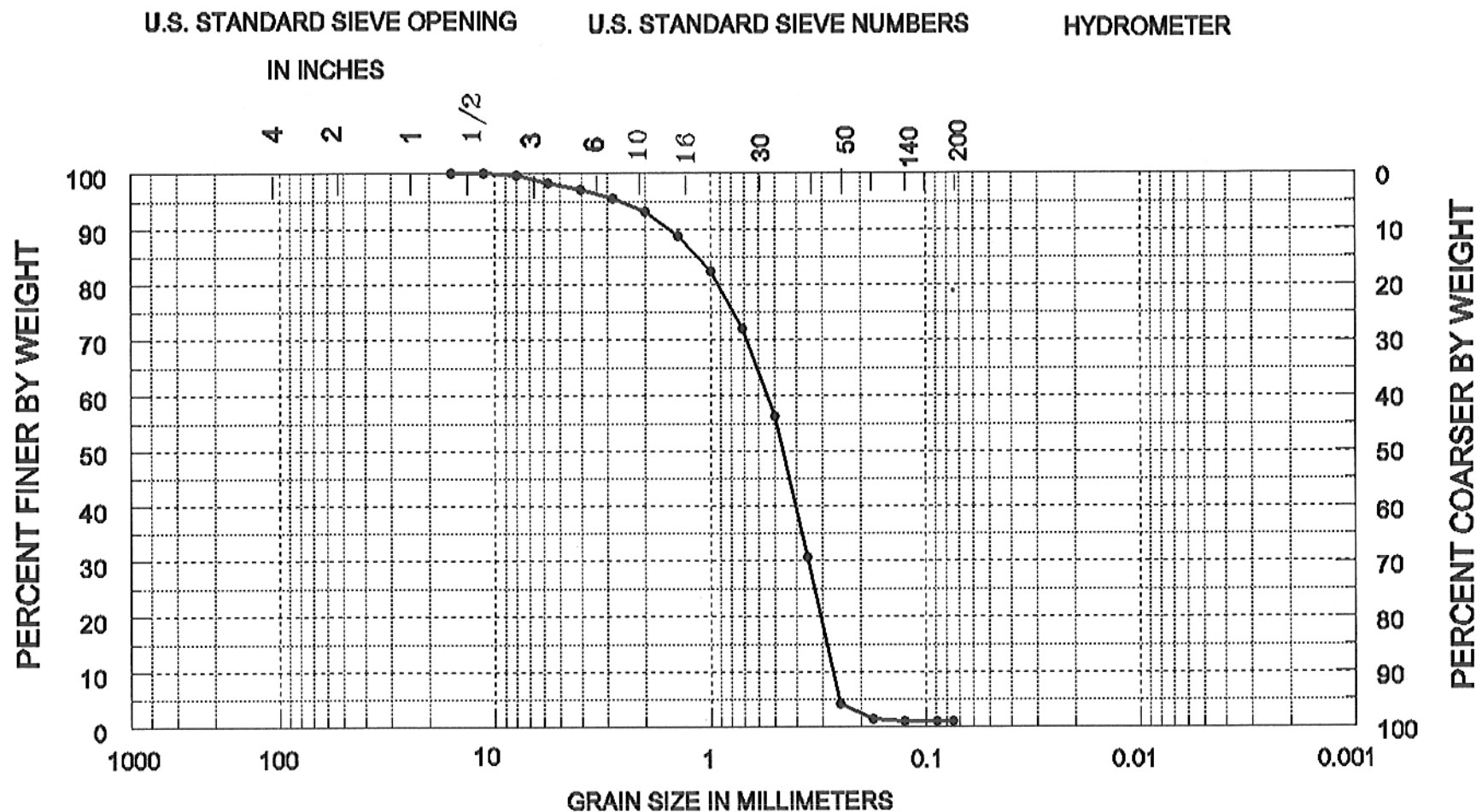


Sediment Analysis Data Sheet

Sample IR-C-7-0.5

Sieve	Size (mm)	Phi size	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	0.09	0.45	0.45	
	5.66	-2.50	0.28	1.39	1.84	5% : -1.40 2.64
5	4.00	-2.00	0.24	1.19	3.03	16% : -0.13 1.10
7	2.83	-1.50	0.30	1.51	4.53	25% : 0.36 0.78
10	2.00	-1.00	0.47	2.36	6.90	50% : 1.12 0.46
14	1.41	-0.50	0.88	4.39	11.29	75% : 1.61 0.33
18	1.00	0.00	1.28	6.39	17.68	84% : 1.78 0.29
25	0.71	0.50	2.03	10.18	27.86	95% : 1.99 0.25
35	0.50	1.00	3.19	15.95	43.81	
45	0.35	1.50	5.10	25.52	69.33	Med. 1.12 0.46
60	0.25	2.00	5.29	26.45	95.78	Mean 0.67 0.63
80	0.18	2.50	0.58	2.90	98.68	St Dev. 0.99
120	0.13	3.00	0.05	0.26	98.93	Skew -0.40
170	0.09	3.50	0.01	0.07	99.00	Kurt. 1.11
200	0.07	3.75	0.00	0.00	99.00	
Pan			0.00	0.00	99.00	
Total			19.78	99.00	99.00	
						Moment Statistics
						Phi mm
Cu =	2.01	Gravel		2	%	Mean 1.08 0.47
		Coarse Sand		4	%	St. Dev. 1.07 0.48
		Med. Sand		50	%	Skewness -1.40
Cc =	0.84	Fine Sand		42	%	Kurtosis 4.99

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-26.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-7
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-7-4.0

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	0.11	0.53	0.53	5% :	-0.81 1.75
5	4.00	-2.00	0.07	0.36	0.89	16% :	0.42 0.75
7	2.83	-1.50	0.30	1.47	2.36	25% :	0.89 0.54
10	2.00	-1.00	0.31	1.54	3.90	50% :	1.61 0.33
14	1.41	-0.50	0.59	2.90	6.80	75% :	1.99 0.25
18	1.00	0.00	0.83	4.04	10.84	84% :	2.20 0.22
25	0.71	0.50	1.24	6.08	16.92	95% :	2.48 0.18
35	0.50	1.00	2.11	10.33	27.25		
45	0.35	1.50	3.15	15.44	42.69	Med.	1.61 0.33
60	0.25	2.00	6.76	33.14	75.83	Mean	1.18 0.44
80	0.18	2.50	4.11	20.14	95.97	St Dev.	0.94
120	0.13	3.00	0.38	1.86	97.83	Skew	-0.40
170	0.09	3.50	0.04	0.22	98.05	Kurt.	1.23
200	0.07	3.75	0.01	0.05	98.10		
Pan			0.00	0.00	98.10		
Total			20.02	98.10	98.10		
						Moment	Statistics
							Phi mm
Cu =	1.92		Gravel		1 %	Mean	1.55 0.34
			Coarse	Sand	3 %	St. Dev.	1.00 0.50
			Med.	Sand	31 %	Skewness	-1.42
Cc =	0.96		Fine	Sand	63 %	Kurtosis	5.13

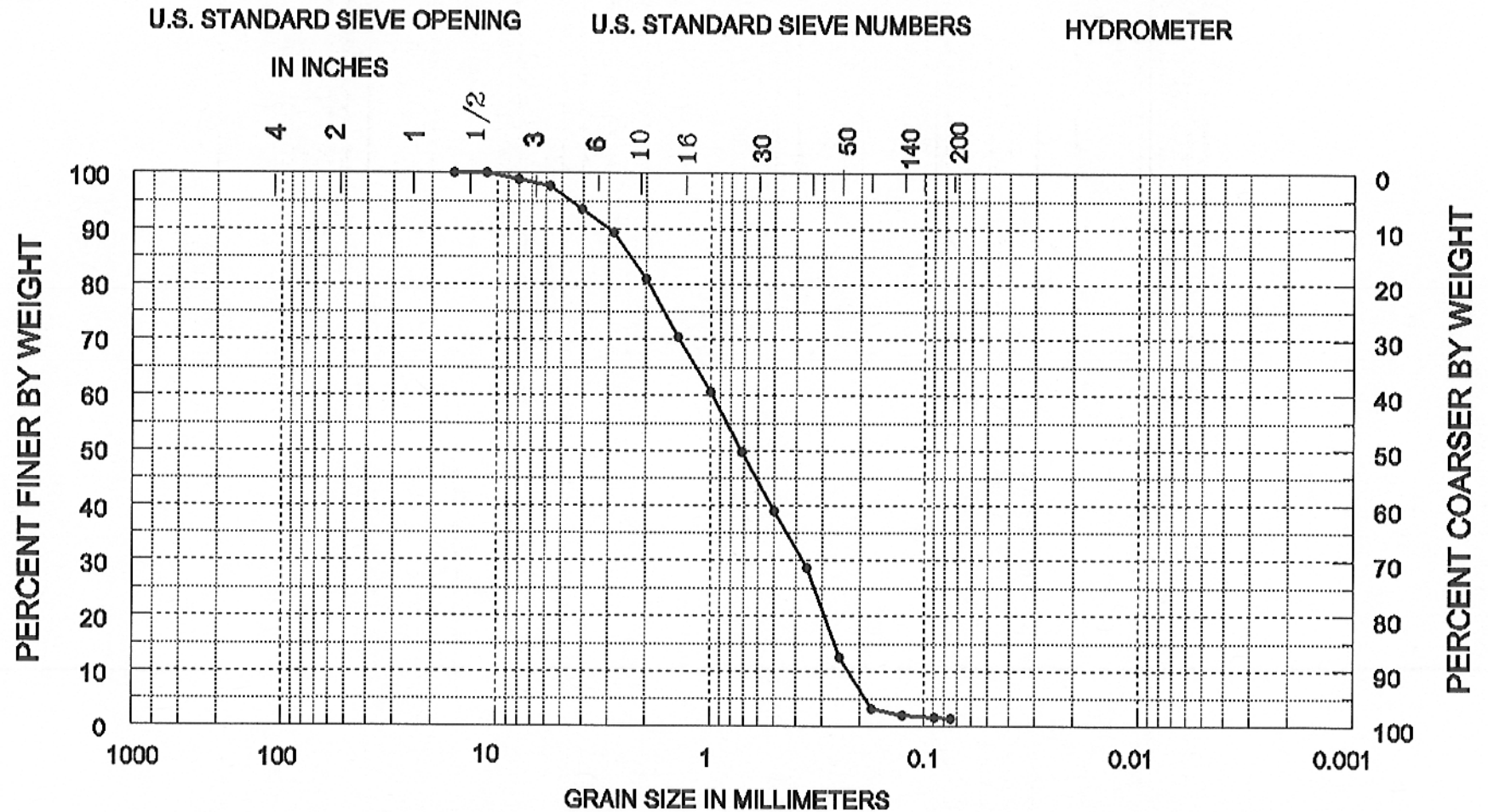
SEA, INC.

Sediment Analysis Data Sheet

Sample IR-C-7-8.0

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	0.23	1.17	1.17			
	5.66	-2.50	0.25	1.28	2.44	5% :	-2.19	4.56
5	4.00	-2.00	0.82	4.11	6.56	16% :	-1.18	2.27
7	2.83	-1.50	0.83	4.16	10.72	25% :	-0.71	1.64
10	2.00	-1.00	1.65	8.34	19.06	50% :	0.48	0.71
14	1.41	-0.50	2.06	10.42	29.48	75% :	1.61	0.33
18	1.00	0.00	1.98	9.99	39.47	84% :	1.89	0.27
25	0.71	0.50	2.15	10.87	50.34	95% :	2.40	0.19
35	0.50	1.00	2.11	10.63	60.97			
45	0.35	1.50	2.06	10.37	71.35	Med.	0.48	0.71
60	0.25	2.00	3.21	16.19	87.54	Mean	0.28	0.82
80	0.18	2.50	1.84	9.27	96.81	St Dev.	1.46	
120	0.13	3.00	0.25	1.26	98.08	Skew	-0.12	
170	0.09	3.50	0.06	0.31	98.38	Kurt.	0.81	
200	0.07	3.75	0.04	0.22	98.60			
Pan			0.00	0.00	98.60			
Total			19.53	98.60	98.60			
						Moment	Statistics	
							Phi	mm
Cu =	4.31		Gravel		5 %	Mean	0.59	0.66
			Coarse	Sand	15 %	St. Dev.	1.42	0.37
			Med.	Sand	47 %	Skewness	-0.35	
Cc =	0.61		Fine	Sand	32 %	Kurtosis	2.31	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

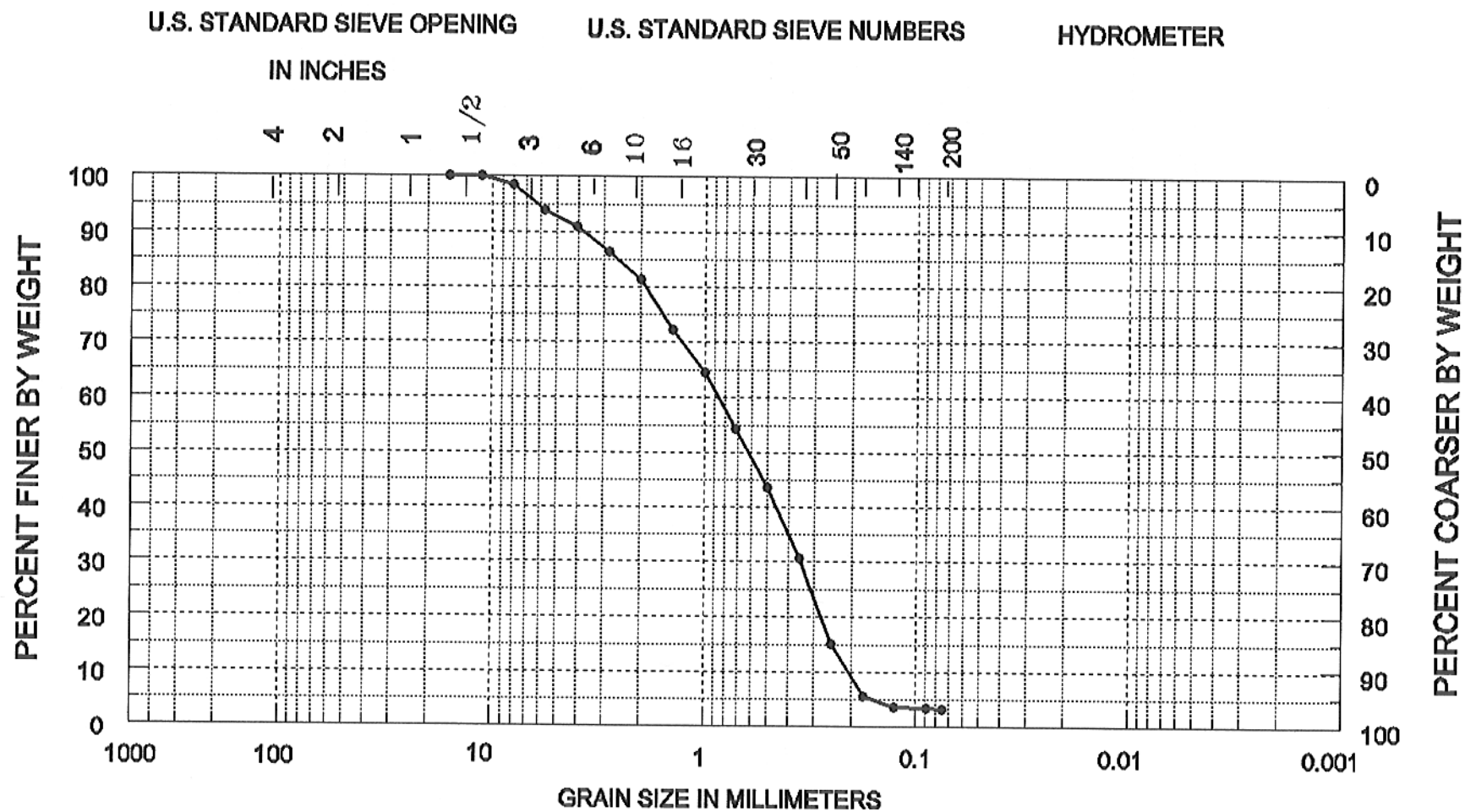
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-33.7	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-7
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-7-13.0

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	0.30	1.55	1.55		
	5.66	-2.50	0.88	4.58	6.12	5% :	-2.62 6.16
5	4.00	-2.00	0.59	3.04	9.16	16% :	-1.27 2.40
7	2.83	-1.50	0.86	4.45	13.61	25% :	-0.65 1.57
10	2.00	-1.00	0.98	5.08	18.69	50% :	0.70 0.62
14	1.41	-0.50	1.76	9.12	27.81	75% :	1.68 0.31
18	1.00	0.00	1.49	7.72	35.52	84% :	1.97 0.26
25	0.71	0.50	1.96	10.15	45.67	95% :	2.65 0.16
35	0.50	1.00	2.10	10.85	56.53		
45	0.35	1.50	2.47	12.76	69.28	Med.	0.70 0.62
60	0.25	2.00	3.04	15.71	84.99	Mean	0.29 0.82
80	0.18	2.50	1.81	9.37	94.37	St Dev.	1.61
120	0.13	3.00	0.42	2.16	96.53	Skew	-0.24
170	0.09	3.50	0.01	0.04	96.57	Kurt.	0.92
200	0.07	3.75	0.06	0.33	96.90		
Pan			0.00	0.00	96.90		
Total			18.72	96.90	96.90		
						Moment	Statistics
							Phi mm
Cu =	4.13		Gravel	8	%	Mean	0.61 0.65
			Coarse Sand	11	%	St. Dev.	1.52 0.35
			Med. Sand	44	%	Skewness	-0.55
Cc =	0.68		Fine Sand	34	%	Kurtosis	2.44

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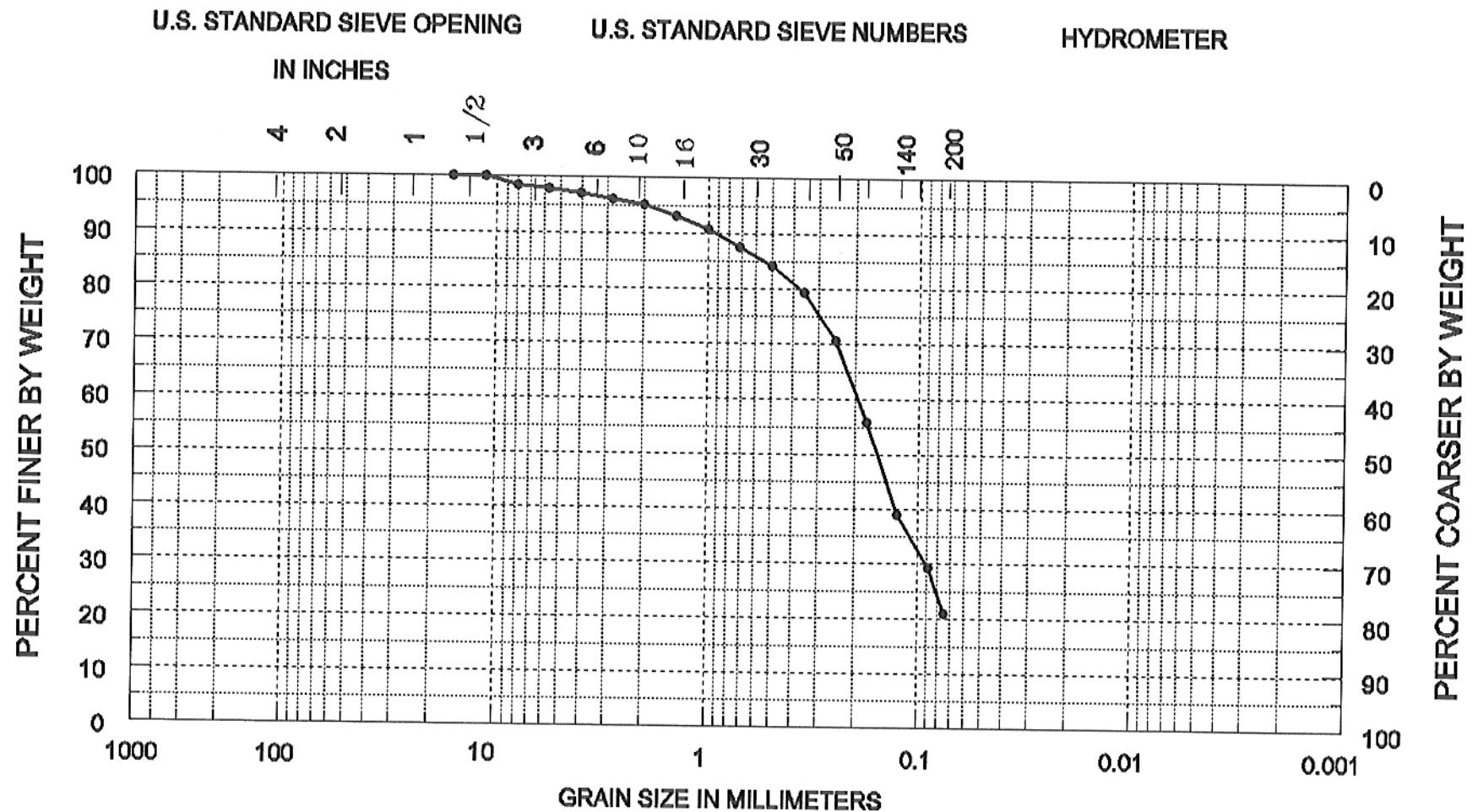


Sediment Analysis Data Sheet

Sample IR-C-7-17.0

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	0.33	1.67	1.67		
	5.66	-2.50	0.11	0.55	2.22	5%	: -0.99 1.98
5	4.00	-2.00	0.14	0.72	2.93	16%	: 1.01 0.50
7	2.83	-1.50	0.19	0.96	3.89	25%	: 1.75 0.30
10	2.00	-1.00	0.21	1.07	4.96	50%	: 2.67 0.16
14	1.41	-0.50	0.40	2.02	6.97	75%	: 3.51 0.09
18	1.00	0.00	0.45	2.28	9.26	84%	: 4.00 0.06
25	0.71	0.50	0.62	3.13	12.39	95%	: 4.10 0.06
35	0.50	1.00	0.69	3.47	15.87		
45	0.35	1.50	0.95	4.79	20.66	Med.	2.67 0.16
60	0.25	2.00	1.71	8.65	29.31	Mean	2.16 0.22
80	0.18	2.50	2.94	14.92	44.23	St Dev.	1.52
120	0.13	3.00	3.29	16.67	60.90	Skew	-0.28
170	0.09	3.50	1.95	9.87	70.76	Kurt.	1.19
200	0.07	3.75	1.61	8.18	78.95		
Pan			0.41	2.05	81.00		
Total			15.97	81.00	81.00		
						Moment	Statistics
							Phi mm
Cu =	0.20		Gravel		3 %	Mean	2.16 0.22
			Coarse	Sand	2 %	St. Dev.	1.53 0.35
			Med.	Sand	13 %	Skewness	-1.53
Cc =	0.04		Fine	Sand	61 %	Kurtosis	5.13

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
17.0	-42.7	Muddy fine sand (SM)	AREA Indian River County
			BORING NO. IR-C-7
			DATE June, 1999