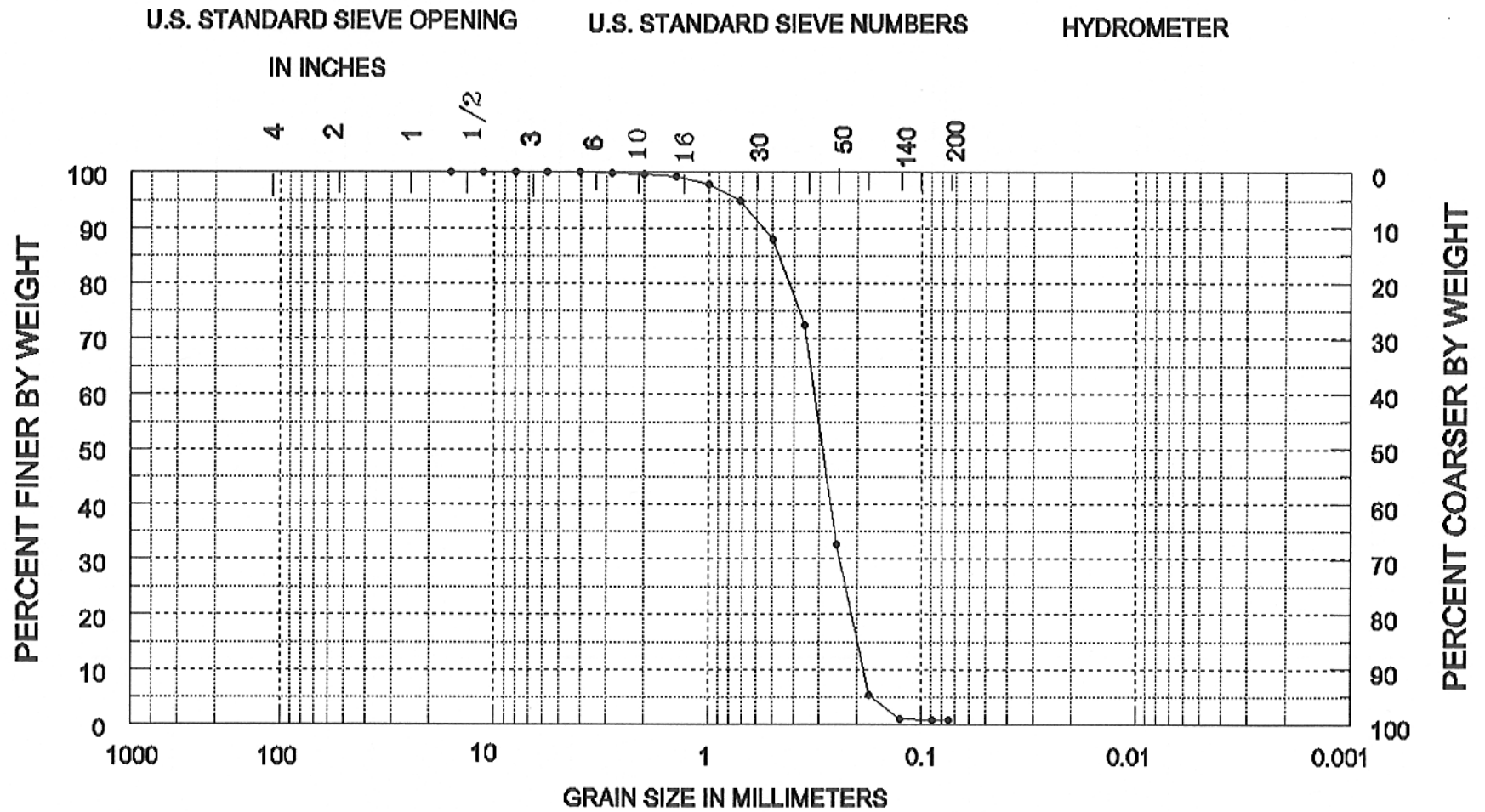


Sediment Analysis Data Sheet

Sample IR-S-11-0.5

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	0.00	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% : 0.47 0.72
5	4.00	-2.00	0.00	0.00	0.00	16% : 1.13 0.46
7	2.83	-1.50	0.05	0.27	0.27	25% : 1.42 0.37
10	2.00	-1.00	0.01	0.06	0.33	50% : 1.78 0.29
14	1.41	-0.50	0.10	0.52	0.85	75% : 2.14 0.23
18	1.00	0.00	0.25	1.27	2.12	84% : 2.30 0.20
25	0.71	0.50	0.61	3.09	5.21	95% : 2.53 0.17
35	0.50	1.00	1.34	6.81	12.02	
45	0.35	1.50	3.07	15.58	27.60	Med. 1.78 0.29
60	0.25	2.00	7.84	39.75	67.35	Mean 1.64 0.32
80	0.18	2.50	5.40	27.38	94.73	St Dev. 0.61
120	0.13	3.00	0.85	4.28	99.01	Skew -0.19
170	0.09	3.50	0.04	0.18	99.19	Kurt. 1.17
200	0.07	3.75	0.02	0.11	99.30	
Pan			0.00	0.00	99.30	
Total			19.59	99.30	99.30	
						Moment Statistics
						Phi mm
Cu =	1.69		Gravel	0	%	Mean 1.94 0.26
			Coarse Sand	0	%	St. Dev. 0.66 0.64
			Med. Sand	19	%	Skewness -1.43
Cc =	0.98		Fine Sand	79	%	Kurtosis 7.16

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Sediment Analysis Data Sheet

Sample IR-S-11-4.0

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	0.95	4.80	4.80		
	8.00	-3.00	0.00	0.00	4.80		
	5.66	-2.50	0.70	3.52	8.32	5% :	-2.97 7.84
5	4.00	-2.00	0.57	2.89	11.21	16% :	-1.36 2.56
7	2.83	-1.50	0.72	3.62	14.83	25% :	-0.55 1.46
10	2.00	-1.00	0.80	4.05	18.88	50% :	0.69 0.62
14	1.41	-0.50	1.34	6.75	25.62	75% :	1.55 0.34
18	1.00	0.00	1.68	8.48	34.10	84% :	1.81 0.28
25	0.71	0.50	2.18	10.96	45.06	95% :	2.34 0.20
35	0.50	1.00	2.60	13.09	58.14		
45	0.35	1.50	2.97	14.97	73.12	Med.	0.69 0.62
60	0.25	2.00	3.46	17.42	90.53	Mean	0.10 0.93
80	0.18	2.50	1.30	6.53	97.06	St Dev.	1.60
120	0.13	3.00	0.27	1.33	98.39	Skew	-0.33
170	0.09	3.50	0.05	0.26	98.65	Kurt.	1.04
200	0.07	3.75	0.03	0.15	98.80		
Pan			0.00	0.00	98.80		
Total			19.62	98.80	98.80		
						Moment	Statistics
							Phi mm
Cu =	3.28		Gravel	10	%	Mean	0.48 0.72
			Coarse Sand	9	%	St. Dev.	1.70 0.31
			Med. Sand	47	%	Skewness	-0.92
Cc =	0.69		Fine Sand	33	%	Kurtosis	3.08

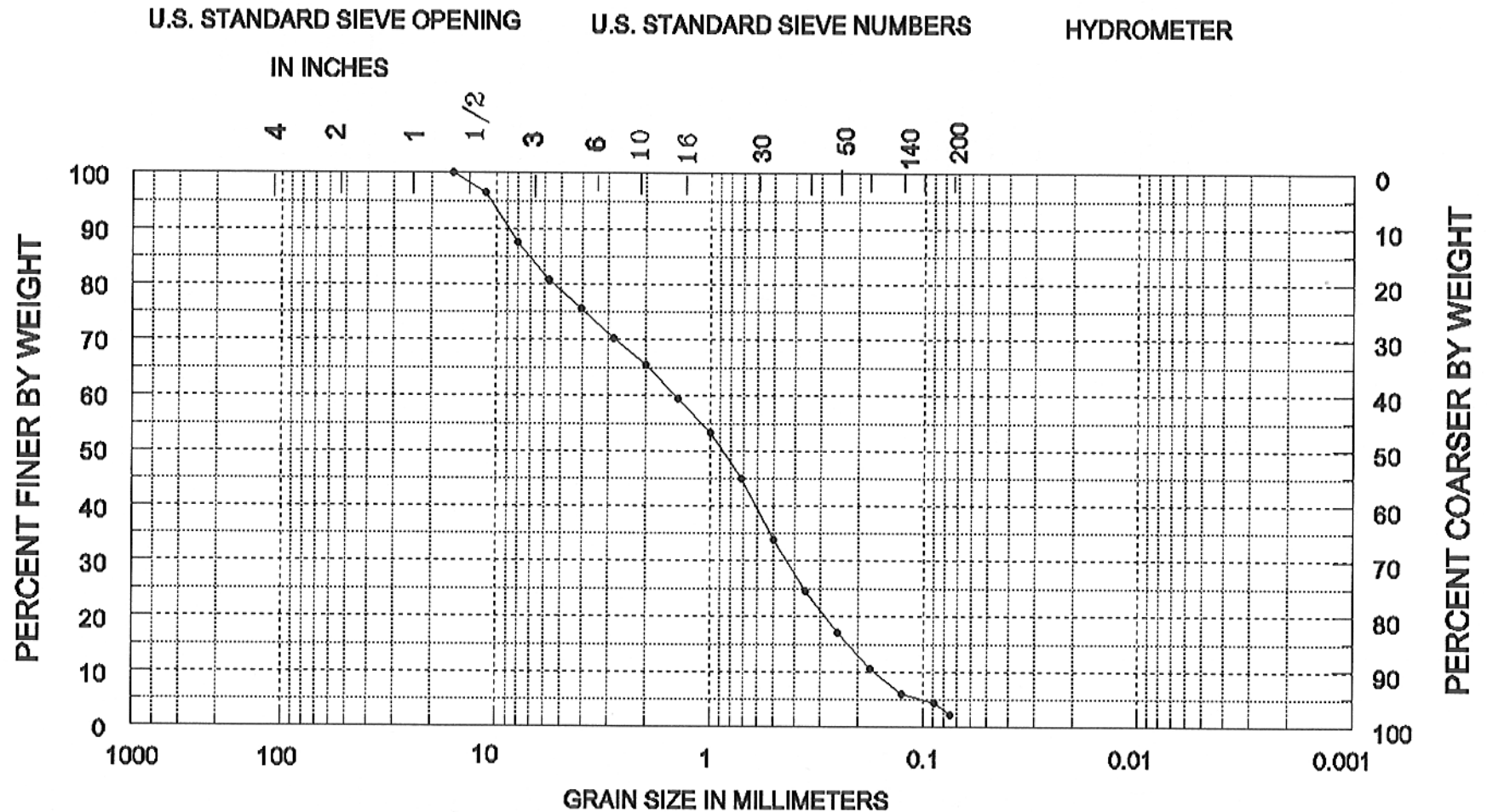
SEA, INC.

Sediment Analysis Data Sheet

Sample IR-S-11-8.0

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	0.80	3.57	3.57		
	8.00	-3.00	1.98	8.88	12.45		
	5.66	-2.50	1.49	6.67	19.12	5% :	-3.42 10.70
5	4.00	-2.00	1.16	5.17	24.29	16% :	-2.73 6.65
7	2.83	-1.50	1.22	5.48	29.78	25% :	-1.94 3.83
10	2.00	-1.00	1.03	4.62	34.40	50% :	0.19 0.88
14	1.41	-0.50	1.36	6.10	40.50	75% :	1.47 0.36
18	1.00	0.00	1.41	6.33	46.83	84% :	2.08 0.24
25	0.71	0.50	1.84	8.24	55.07	95% :	3.28 0.10
35	0.50	1.00	2.45	10.98	66.05		
45	0.35	1.50	2.11	9.46	75.50	Med.	0.19 0.88
60	0.25	2.00	1.68	7.52	83.02	Mean	-0.12 1.09
80	0.18	2.50	1.44	6.43	89.45	St Dev.	2.22
120	0.13	3.00	1.05	4.70	94.15	Skew	-0.15
170	0.09	3.50	0.34	1.52	95.67	Kurt.	0.81
200	0.07	3.75	0.50	2.22	97.89		
Pan			0.05	0.21	98.10		
Total			21.90	98.10	98.10		
						Moment	Statistics
							Phi mm
Cu =	8.57		Gravel		22 %	Mean	-0.04 1.03
			Coarse Sand		13 %	St. Dev.	2.13 0.23
			Med. Sand		36 %	Skewness	-0.17
Cc =	0.76		Fine Sand		27 %	Kurtosis	1.85

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-33.3	Well graded sand and gravel	AREA Indian River County
			BORING NO. IR-S-11
			DATE June, 1999