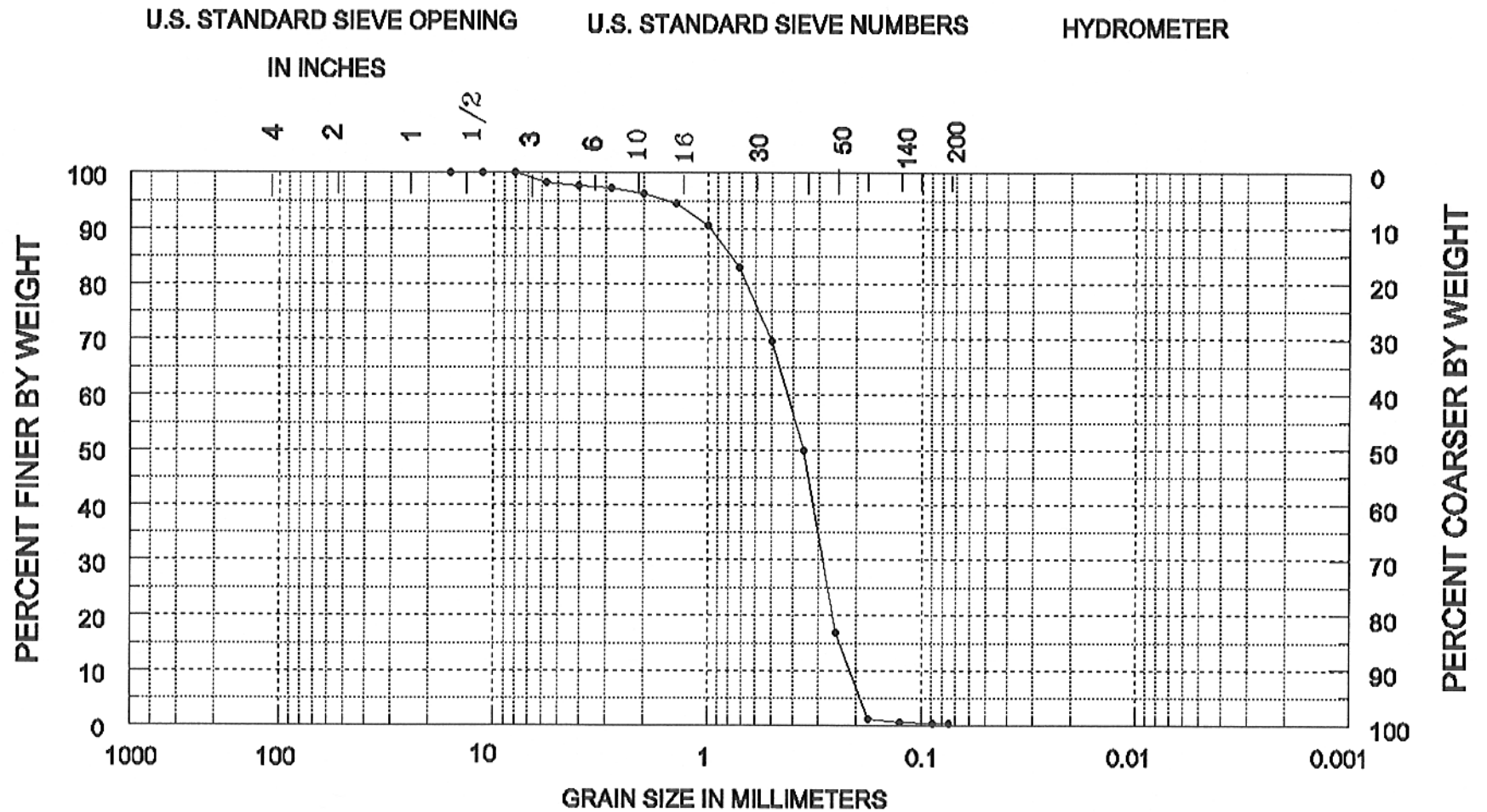


Sediment Analysis Data Sheet

Sample IR-S-17-0.5

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	0.35	1.79	1.79	5% :	-0.63 1.55
5	4.00	-2.00	0.10	0.52	2.31	16% :	0.43 0.74
7	2.83	-1.50	0.10	0.51	2.82	25% :	0.80 0.57
10	2.00	-1.00	0.18	0.92	3.74	50% :	1.50 0.35
14	1.41	-0.50	0.34	1.71	5.45	75% :	1.88 0.27
18	1.00	0.00	0.80	4.05	9.50	84% :	2.03 0.25
25	0.71	0.50	1.49	7.50	17.00	95% :	2.38 0.19
35	0.50	1.00	2.64	13.31	30.31		
45	0.35	1.50	3.91	19.73	50.04	Med.	1.50 0.35
60	0.25	2.00	6.56	33.12	83.16	Mean	1.14 0.45
80	0.18	2.50	3.08	15.57	98.73	St Dev.	0.85
120	0.13	3.00	0.15	0.75	99.48	Skew	-0.38
170	0.09	3.50	0.01	0.07	99.55	Kurt.	1.15
200	0.07	3.75	0.01	0.05	99.60		
Pan			0.00	0.00	99.60		
Total			19.73	99.60	99.60		
						Moment	Statistics
							Phi mm
Cu =	1.96		Gravel		2 %	Mean	1.46 0.36
			Coarse	Sand	2 %	St. Dev.	1.03 0.49
			Med.	Sand	36 %	Skewness	-1.88
Cc =	0.91		Fine	Sand	59 %	Kurtosis	7.52

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-18.7	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-17
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-17-4.0

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	0.00	0.00	0.00	5%	-0.43 1.35
5	4.00	-2.00	0.00	0.00	0.00	16%	0.53 0.69
7	2.83	-1.50	0.23	1.14	1.14	25%	0.84 0.56
10	2.00	-1.00	0.25	1.27	2.40	50%	1.36 0.39
14	1.41	-0.50	0.43	2.14	4.54	75%	1.76 0.30
18	1.00	0.00	0.65	3.26	7.80	84%	1.89 0.27
25	0.71	0.50	1.45	7.24	15.04	95%	2.38 0.19
35	0.50	1.00	2.92	14.62	29.67		
45	0.35	1.50	5.65	28.31	57.98	Med.	1.36 0.39
60	0.25	2.00	6.66	33.35	91.34	Mean	1.15 0.45
80	0.18	2.50	0.96	4.80	96.13	St Dev.	0.77
120	0.13	3.00	0.05	0.26	96.39	Skew	-0.25
170	0.09	3.50	0.01	0.07	96.46	Kurt.	1.26
200	0.07	3.75	0.01	0.04	96.50		
Pan			0.00	0.00	96.50		
Total			19.26	96.50	96.50		
						Moment	Statistics
							Phi mm
Cu =	1.74		Gravel		0 %	Mean	1.40 0.38
			Coarse	Sand	2 %	St. Dev.	0.81 0.57
			Med.	Sand	41 %	Skewness	-1.54
Cc =	0.87		Fine	Sand	53 %	Kurtosis	6.00

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Sediment Analysis Data Sheet

Sample IR-S-17-8.0

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	0.19	0.98	0.98			
	5.66	-2.50	0.12	0.62	1.60	5%	-1.52	2.86
5	4.00	-2.00	0.30	1.54	3.14	16%	-0.44	1.36
7	2.83	-1.50	0.38	1.92	5.06	25%	0.07	0.95
10	2.00	-1.00	0.69	3.49	8.55	50%	0.97	0.51
14	1.41	-0.50	1.27	6.45	15.00	75%	1.52	0.35
18	1.00	0.00	1.65	8.37	23.37	84%	1.74	0.30
25	0.71	0.50	2.22	11.26	34.63	95%	2.00	0.25
35	0.50	1.00	3.21	16.28	50.91			
45	0.35	1.50	4.59	23.25	74.16	Med.	0.97	0.51
60	0.25	2.00	4.13	20.92	95.08	Mean	0.55	0.68
80	0.18	2.50	0.52	2.65	97.73	St Dev.	1.08	
120	0.13	3.00	0.09	0.44	98.17	Skew	-0.36	
170	0.09	3.50	0.04	0.19	98.36	Kurt.	0.99	
200	0.07	3.75	0.03	0.14	98.50			
Pan			0.00	0.00	98.50			
Total			19.44	98.50	98.50			
						Moment	Statistics	
							Phi	mm
Cu =	2.32		Gravel	2	%	Mean	0.88	0.54
			Coarse Sand	6	%	St. Dev.	1.20	0.44
			Med. Sand	54	%	Skewness	-1.14	
Cc =	0.82		Fine Sand	36	%	Kurtosis	4.15	

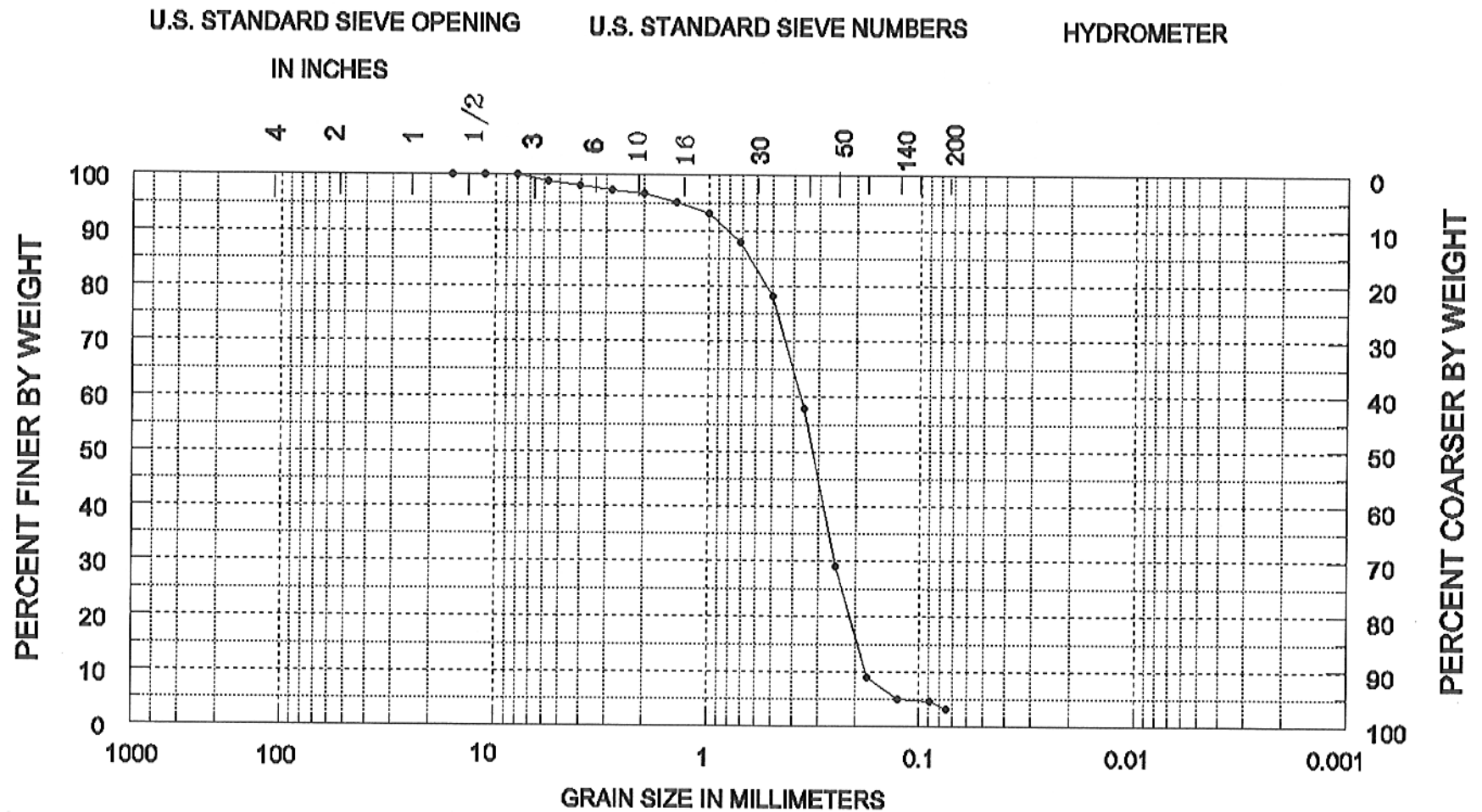
SEA, INC.

Sediment Analysis Data Sheet

Sample IR-S-17-14.0

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	0.24	1.18	1.18	5%	-0.48	1.39
5	4.00	-2.00	0.14	0.71	1.89	16%	0.71	0.61
7	2.83	-1.50	0.18	0.89	2.78	25%	1.08	0.47
10	2.00	-1.00	0.12	0.62	3.39	50%	1.64	0.32
14	1.41	-0.50	0.30	1.52	4.91	75%	2.10	0.23
18	1.00	0.00	0.41	2.06	6.97	84%	2.33	0.20
25	0.71	0.50	1.00	5.02	11.99	95%	2.99	0.13
35	0.50	1.00	1.93	9.71	21.69			
45	0.35	1.50	4.08	20.46	42.16	Med.	1.64	0.32
60	0.25	2.00	5.73	28.73	70.89	Mean	1.44	0.37
80	0.18	2.50	4.01	20.13	91.02	St Dev.	0.93	
120	0.13	3.00	0.80	4.03	95.05	Skew	-0.18	
170	0.09	3.50	0.08	0.38	95.43	Kurt.	1.39	
200	0.07	3.75	0.28	1.41	96.84			
Pan			0.01	0.06	96.90			
Total			19.31	96.90	96.90			
						Moment	Statistics	
							Phi	mm
Cu =	2.04		Gravel		2 %	Mean	1.66	0.32
			Coarse	Sand	2 %	St. Dev.	1.05	0.48
			Med.	Sand	29 %	Skewness	-1.75	
Cc =	0.97		Fine	Sand	65 %	Kurtosis	7.63	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
14.0	-32.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-17
			DATE June, 1999