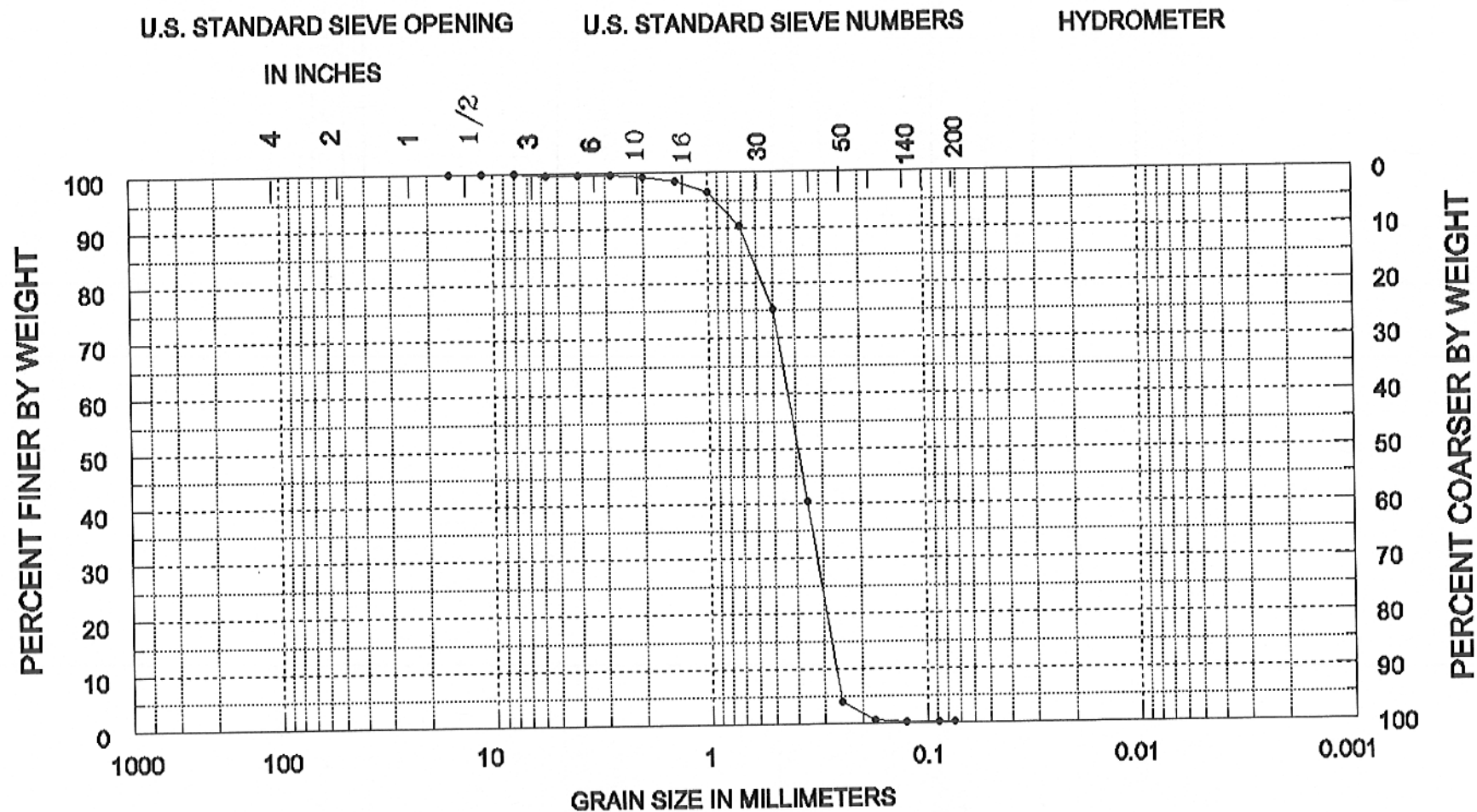


# Sediment Analysis Data Sheet

Sample IR-S-12-0.5

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	0.09	0.42	0.42	5% :	0.11 0.92
5	4.00	-2.00	0.00	0.00	0.42	16% :	0.71 0.61
7	2.83	-1.50	0.00	0.00	0.42	25% :	1.00 0.50
10	2.00	-1.00	0.07	0.34	0.77	50% :	1.36 0.39
14	1.41	-0.50	0.16	0.79	1.55	75% :	1.71 0.31
18	1.00	0.00	0.41	2.06	3.62	84% :	1.84 0.28
25	0.71	0.50	1.22	6.07	9.68	95% :	1.99 0.25
35	0.50	1.00	3.01	14.98	24.66		
45	0.35	1.50	7.00	34.87	59.53	Med.	1.36 0.39
60	0.25	2.00	7.32	36.46	95.99	Mean	1.20 0.43
80	0.18	2.50	0.69	3.45	99.44	St Dev.	0.56
120	0.13	3.00	0.07	0.36	99.80	Skew	-0.25
170	0.09	3.50	0.00	0.00	99.80	Kurt.	1.09
200	0.07	3.75	0.00	0.00	99.80		
Pan			0.00	0.00	99.80		
Total			20.04	99.80	99.80		
						Moment	Statistics
							Phi mm
Cu =	1.62		Gravel		0 %	Mean	1.51 0.35
			Coarse	Sand	0 %	St. Dev.	0.65 0.64
			Med.	Sand	41 %	Skewness	-2.04
Cc =	0.90		Fine	Sand	58 %	Kurtosis	11.59

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

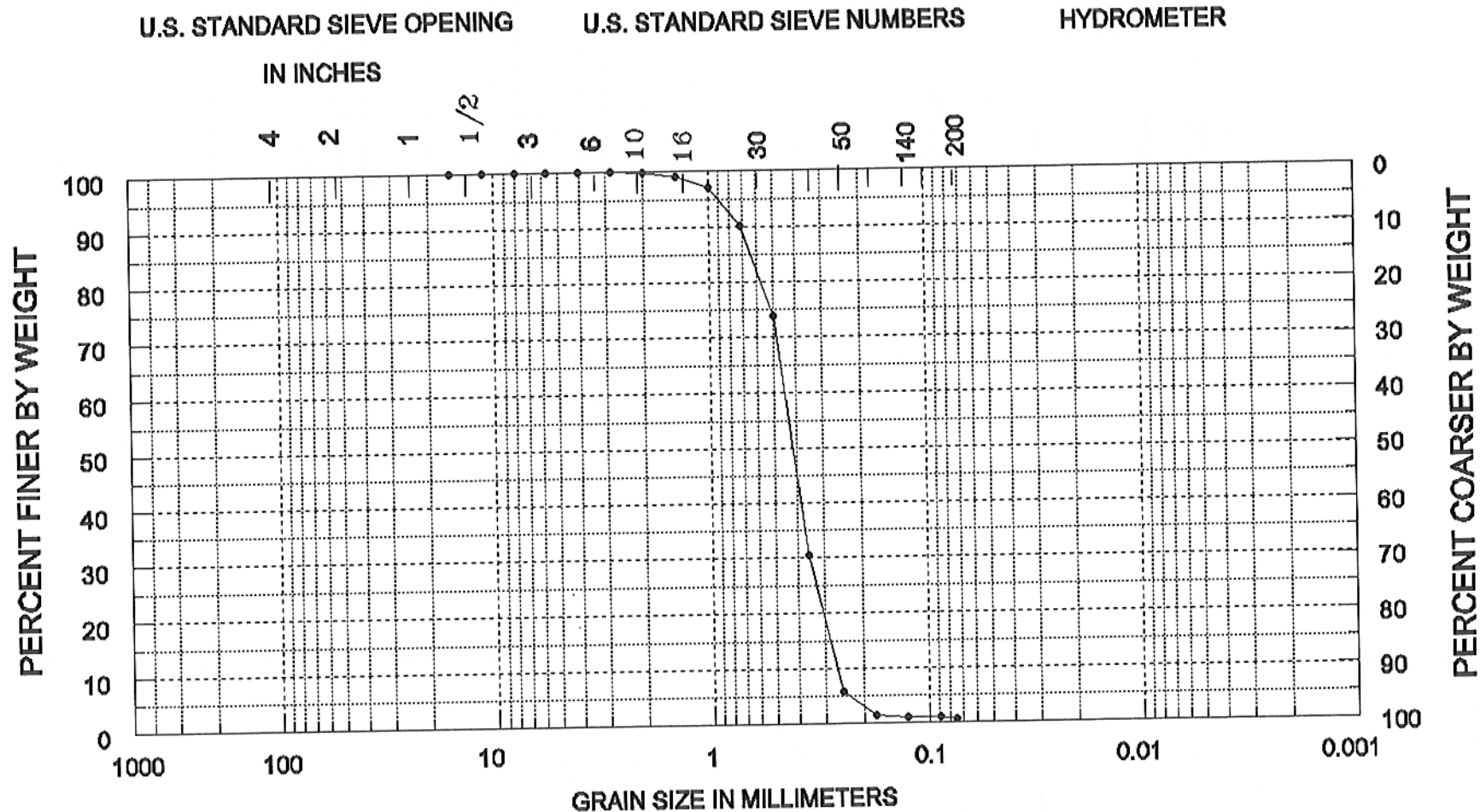
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-18.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-12
			DATE June, 1999

# Sediment Analysis Data Sheet

Sample IR-S-12-4.0

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% :	0.15	0.90
5	4.00	-2.00	0.00	0.00	0.00	16% :	0.69	0.62
7	2.83	-1.50	0.00	0.00	0.00	25% :	0.97	0.51
10	2.00	-1.00	0.04	0.18	0.18	50% :	1.28	0.41
14	1.41	-0.50	0.15	0.74	0.92	75% :	1.61	0.33
18	1.00	0.00	0.42	2.06	2.99	84% :	1.79	0.29
25	0.71	0.50	1.38	6.85	9.84	95% :	2.08	0.24
35	0.50	1.00	3.28	16.28	26.12			
45	0.35	1.50	8.71	43.28	69.41	Med.	1.28	0.41
60	0.25	2.00	5.00	24.86	94.27	Mean	1.20	0.44
80	0.18	2.50	0.88	4.39	98.66	St Dev.	0.57	
120	0.13	3.00	0.09	0.43	99.09	Skew	-0.11	
170	0.09	3.50	0.00	0.00	99.09	Kurt.	1.23	
200	0.07	3.75	0.06	0.31	99.40			
Pan			0.00	0.00	99.40			
Total			20.00	99.40	99.40			
						Moment	Statistics	
							Phi	mm
Cu =	1.69		Gravel		0 %	Mean	1.48	0.36
			Coarse Sand		0 %	St. Dev.	0.58	0.67
			Med. Sand		48 %	Skewness	-0.68	
Cc =	1.04		Fine Sand		52 %	Kurtosis	5.45	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-21.7	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-12
			DATE June, 1999

# Sediment Analysis Data Sheet

Sample IR-S-12-8.0

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	0.20	0.91	0.91		
	8.00	-3.00	0.00	0.00	0.91		
	5.66	-2.50	0.00	0.00	0.91	5% :	-0.95 1.94
5	4.00	-2.00	0.05	0.25	1.16	16% :	-0.11 1.08
7	2.83	-1.50	0.32	1.50	2.65	25% :	0.24 0.85
10	2.00	-1.00	0.42	1.95	4.60	50% :	0.99 0.50
14	1.41	-0.50	0.95	4.38	8.98	75% :	1.71 0.30
18	1.00	0.00	1.92	8.91	17.89	84% :	1.94 0.26
25	0.71	0.50	3.21	14.88	32.77	95% :	2.40 0.19
35	0.50	1.00	3.82	17.68	50.45		
45	0.35	1.50	3.44	15.94	66.39	Med.	0.99 0.50
60	0.25	2.00	4.36	20.17	86.56	Mean	0.85 0.55
80	0.18	2.50	2.27	10.52	97.08	St Dev.	1.02
120	0.13	3.00	0.38	1.76	98.84	Skew	-0.11
170	0.09	3.50	0.07	0.30	99.14	Kurt.	0.93
200	0.07	3.75	0.03	0.14	99.28		
Pan			0.00	0.02	99.30		
Total			21.44	99.30	99.30		
						Moment	Statistics
							Phi mm
Cu =	2.75		Gravel		1 %	Mean	1.11 0.46
			Coarse Sand		4 %	St. Dev.	1.13 0.46
			Med. Sand		54 %	Skewness	-1.09
Cc =	0.81		Fine Sand		41 %	Kurtosis	5.29

SEA, INC.

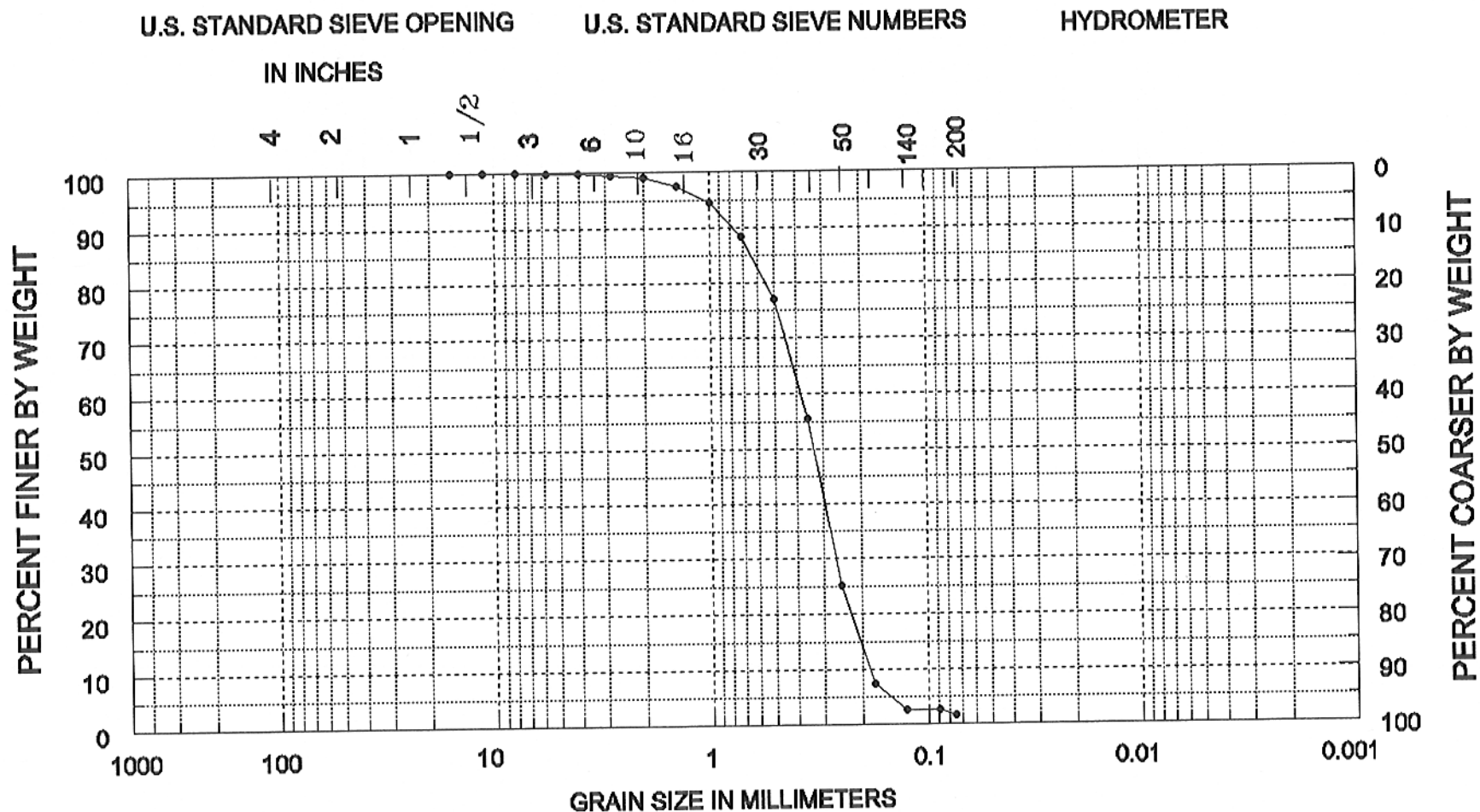


## Sediment Analysis Data Sheet

Sample IR-S-12-12.0

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	0.05	0.25	0.25	5% :	-0.09 1.07
5	4.00	-2.00	0.00	0.00	0.25	16% :	0.69 0.62
7	2.83	-1.50	0.06	0.30	0.55	25% :	1.05 0.48
10	2.00	-1.00	0.09	0.45	1.00	50% :	1.59 0.33
14	1.41	-0.50	0.31	1.48	2.48	75% :	2.01 0.25
18	1.00	0.00	0.64	3.09	5.57	84% :	2.26 0.21
25	0.71	0.50	1.27	6.11	11.68	95% :	2.75 0.15
35	0.50	1.00	2.36	11.37	23.05		
45	0.35	1.50	4.46	21.48	44.53	Med.	1.59 0.33
60	0.25	2.00	6.27	30.23	74.76	Mean	1.44 0.37
80	0.18	2.50	3.72	17.92	92.68	St Dev.	0.82
120	0.13	3.00	0.98	4.72	97.40	Skew	-0.17
170	0.09	3.50	0.01	0.06	97.46	Kurt.	1.21
200	0.07	3.75	0.20	0.98	98.44		
Pan			0.01	0.06	98.50		
Total			20.44	98.50	98.50		
						Moment	Statistics
							Phi mm
Cu =	2.04		Gravel		0 %	Mean	1.70 0.31
			Coarse	Sand	1 %	St. Dev.	0.85 0.55
			Med.	Sand	33 %	Skewness	-1.10
Cc =	0.98		Fine	Sand	65 %	Kurtosis	5.85

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
12.0	-29.7	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-12
			DATE June, 1999