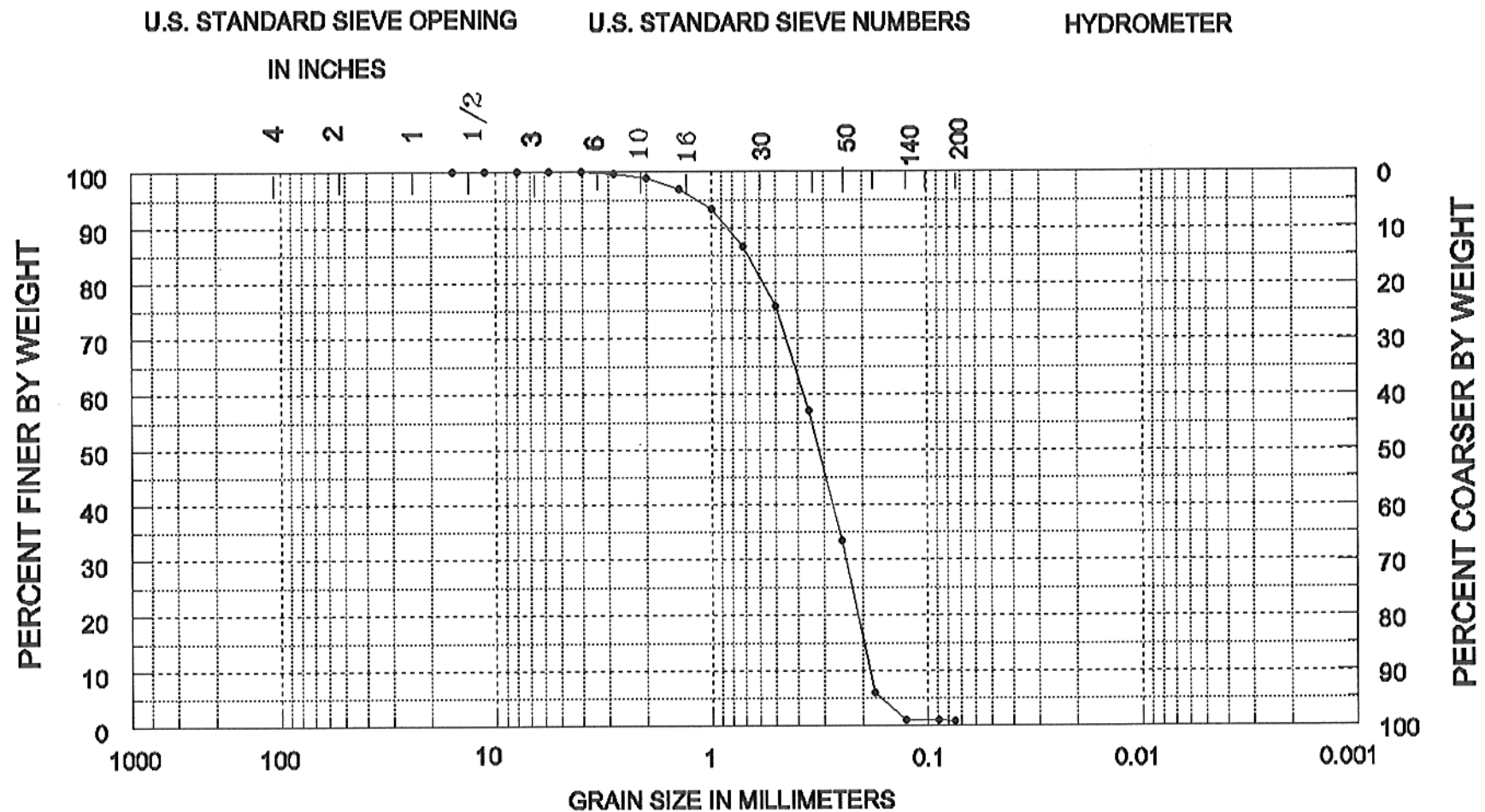


Sediment Analysis Data Sheet

Sample IR-S-18-0.5

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% :	-0.25 1.19
5	4.00	-2.00	0.00	0.00	0.00	16% :	0.62 0.65
7	2.83	-1.50	0.06	0.32	0.32	25% :	1.02 0.49
10	2.00	-1.00	0.16	0.83	1.15	50% :	1.65 0.32
14	1.41	-0.50	0.41	2.07	3.22	75% :	2.15 0.22
18	1.00	0.00	0.71	3.61	6.83	84% :	2.32 0.20
25	0.71	0.50	1.30	6.60	13.43	95% :	2.60 0.17
35	0.50	1.00	2.10	10.68	24.10		
45	0.35	1.50	3.69	18.77	42.88	Med.	1.65 0.32
60	0.25	2.00	4.64	23.61	66.48	Mean	1.39 0.38
80	0.18	2.50	5.41	27.54	94.03	St Dev.	0.86
120	0.13	3.00	0.99	5.03	99.06	Skew	-0.28
170	0.09	3.50	0.01	0.05	99.11	Kurt.	1.03
200	0.07	3.75	0.03	0.17	99.27		
Pan			0.01	0.03	99.30		
Total			19.51	99.30	99.30		
						Moment	Statistics
							Phi mm
Cu =	2.00		Gravel		0 %	Mean	1.72 0.30
			Coarse	Sand	1 %	St. Dev.	0.89 0.54
			Med.	Sand	32 %	Skewness	-1.08
Cc =	0.83		Fine	Sand	66 %	Kurtosis	4.27

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

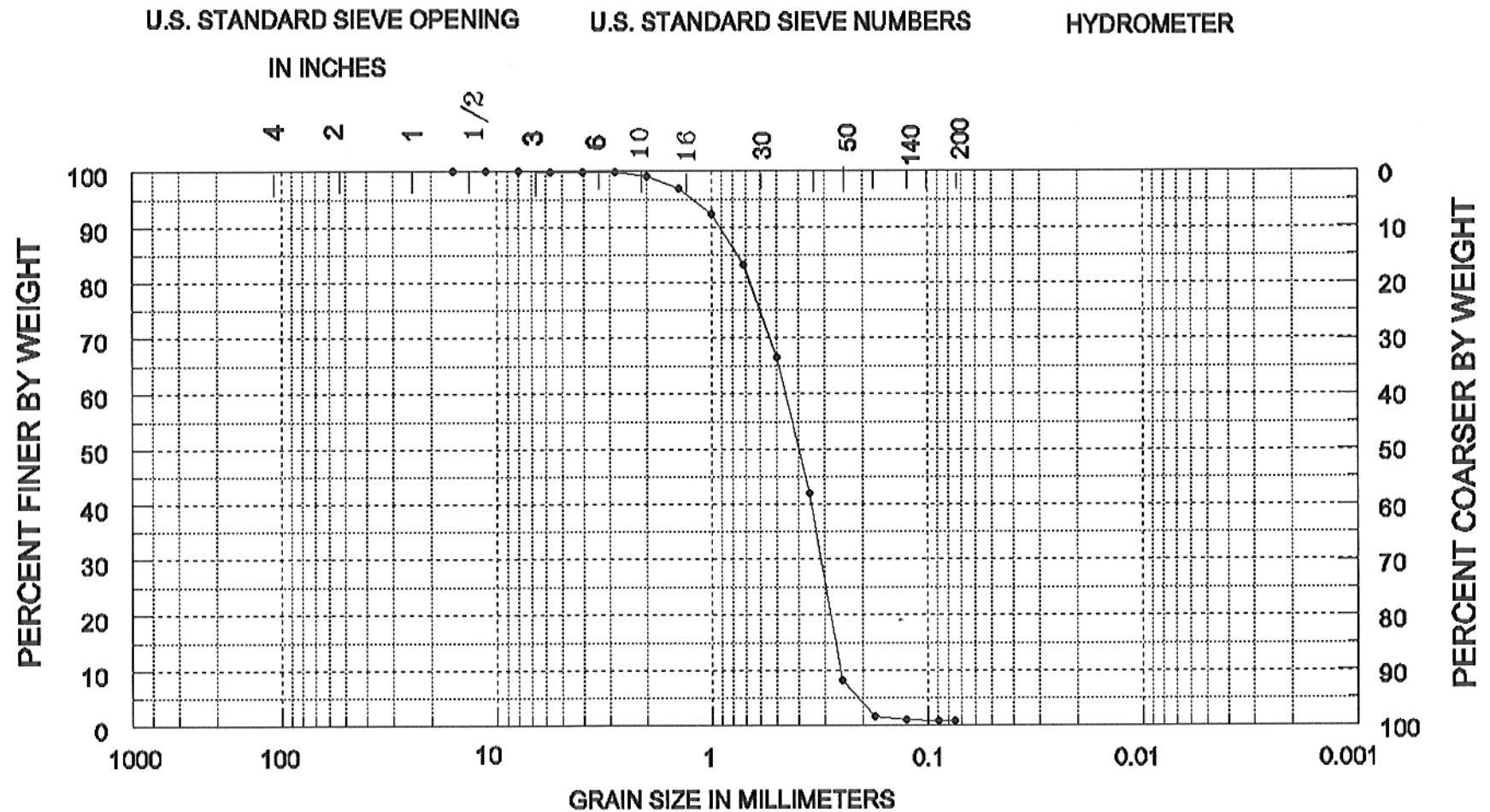
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-22.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-18
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-18-4.0

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	0.04	0.22	0.22	5% :	-0.31	1.24
5	4.00	-2.00	0.00	0.00	0.22	16% :	0.45	0.73
7	2.83	-1.50	0.01	0.05	0.27	25% :	0.74	0.60
10	2.00	-1.00	0.16	0.81	1.09	50% :	1.34	0.40
14	1.41	-0.50	0.43	2.17	3.26	75% :	1.75	0.30
18	1.00	0.00	0.90	4.54	7.80	84% :	1.88	0.27
25	0.71	0.50	1.80	9.09	16.88	95% :	2.24	0.21
35	0.50	1.00	3.29	16.66	33.54			
45	0.35	1.50	4.83	24.44	57.98	Med.	1.34	0.40
60	0.25	2.00	6.70	33.88	91.86	Mean	1.12	0.46
80	0.18	2.50	1.30	6.57	98.43	St Dev.	0.74	
120	0.13	3.00	0.11	0.53	98.96	Skew	-0.26	
170	0.09	3.50	0.03	0.15	99.11	Kurt.	1.04	
200	0.07	3.75	0.02	0.09	99.20			
Pan			0.00	0.00	99.20			
Total			19.61	99.20	99.20			
						Moment	Statistics	
							Phi	mm
Cu =	1.79		Gravel		0 %	Mean	1.42	0.37
			Coarse	Sand	1 %	St. Dev.	0.79	0.58
			Med.	Sand	45 %	Skewness	-1.18	
Cc =	0.84		Fine	Sand	53 %	Kurtosis	5.43	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-25.7	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-18
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-18-8.0

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	0.00	0.00	0.00			
	5.66	-2.50	0.00	0.00	0.00	5%	-0.89	1.86
5	4.00	-2.00	0.17	0.94	0.94	16%	0.43	0.74
7	2.83	-1.50	0.29	1.58	2.51	25%	0.84	0.56
10	2.00	-1.00	0.30	1.63	4.14	50%	1.66	0.32
14	1.41	-0.50	0.73	3.96	8.11	75%	2.23	0.21
18	1.00	0.00	0.10	0.55	8.65	84%	2.41	0.19
25	0.71	0.50	1.56	8.53	17.18	95%	2.93	0.13
35	0.50	1.00	2.12	11.56	28.75			
45	0.35	1.50	2.76	15.07	43.82	Med.	1.66	0.32
60	0.25	2.00	3.62	19.73	63.55	Mean	1.31	0.40
80	0.18	2.50	4.54	24.74	88.29	St Dev.	1.07	
120	0.13	3.00	1.45	7.88	96.17	Skew	-0.29	
170	0.09	3.50	0.02	0.12	96.29	Kurt.	1.12	
200	0.07	3.75	0.26	1.41	97.70			
Pan			0.00	0.00	97.70			
Total			17.92	97.70	97.70			
						Moment	Statistics	
							Phi	mm
Cu =	2.35		Gravel		0 %	Mean	1.65	0.32
			Coarse	Sand	4 %	St. Dev.	1.10	0.47
			Med.	Sand	32 %	Skewness	-1.05	
Cc =	0.82		Fine	Sand	61 %	Kurtosis	4.10	

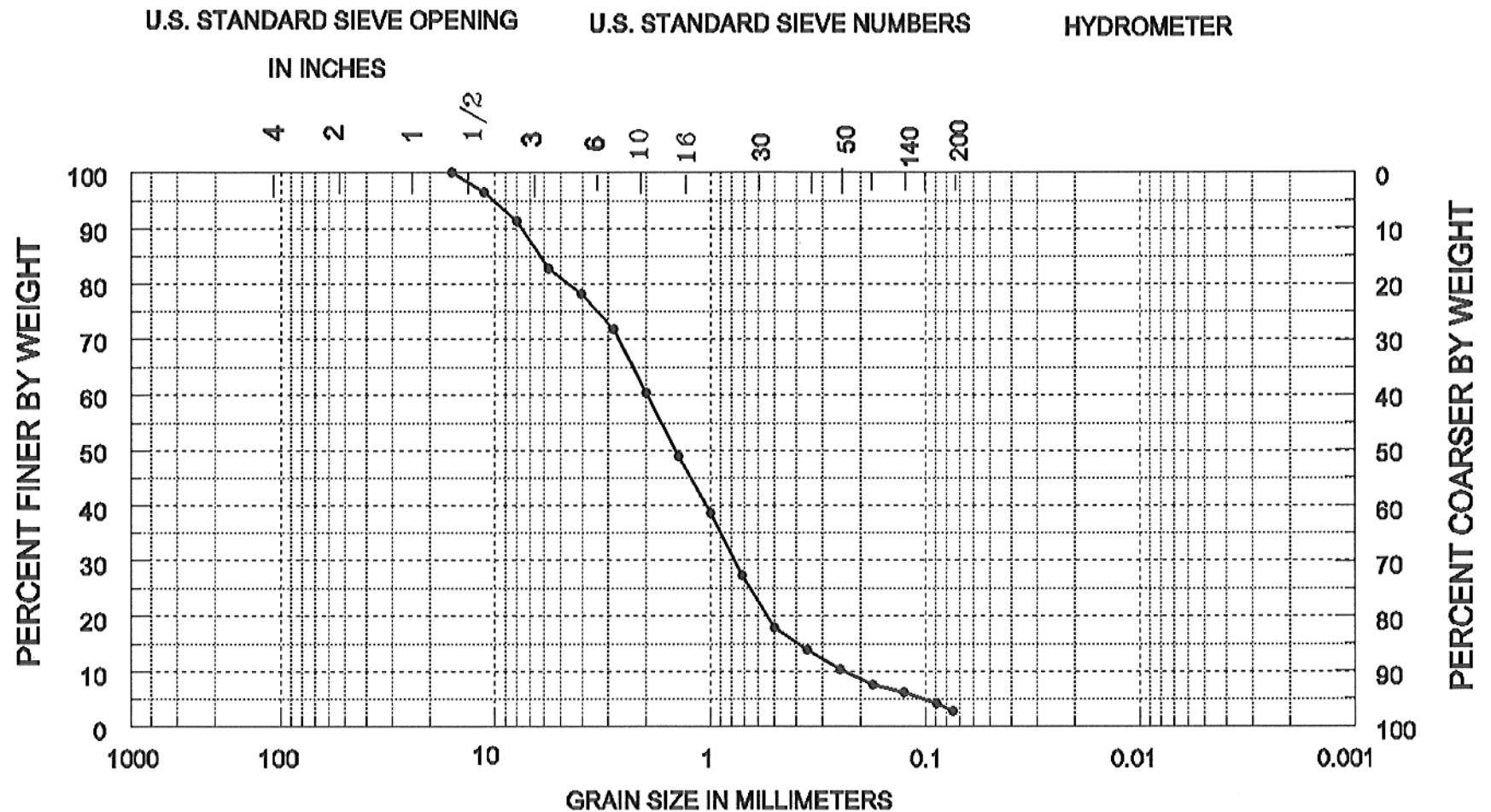
SEA, INC.

Sediment Analysis Data Sheet

Sample IR-S-18-13.0

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	0.73	3.61	3.61			
	8.00	-3.00	1.01	5.01	8.62			
	5.66	-2.50	1.75	8.67	17.29	5%	: -3.36	10.28
5	4.00	-2.00	0.89	4.41	21.70	16%	: -2.57	5.96
7	2.83	-1.50	1.28	6.35	28.05	25%	: -1.74	3.34
10	2.00	-1.00	2.33	11.56	39.61	50%	: -0.55	1.46
14	1.41	-0.50	2.31	11.42	51.03	75%	: 0.62	0.65
18	1.00	0.00	2.09	10.35	61.39	84%	: 1.23	0.43
25	0.71	0.50	2.28	11.30	72.68	95%	: 3.30	0.10
35	0.50	1.00	1.91	9.49	82.17			
45	0.35	1.50	0.80	3.96	86.12	Med.	-0.55	1.46
60	0.25	2.00	0.73	3.63	89.75	Mean	-0.39	1.31
80	0.18	2.50	0.53	2.63	92.38	St Dev.	1.96	
120	0.13	3.00	0.30	1.46	93.84	Skew	0.04	
170	0.09	3.50	0.39	1.94	95.78	Kurt.	1.16	
200	0.07	3.75	0.30	1.50	97.28			
Pan			0.02	0.12	97.40			
Total			19.65	97.40	97.40			
						Moment Statistics		
							Phi	mm
Cu =	8.17		Gravel		19 %	Mean	-0.34	1.27
			Coarse	Sand	20 %	St. Dev.	1.72	0.30
			Med.	Sand	45 %	Skewness	0.20	
Cc =	1.23		Fine	Sand	13 %	Kurtosis	2.61	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
13.0	-44.7	Medium to coarse sand and gravel (SW)	AREA Indian River County
			BORING NO. IR-S-18
			DATE June, 1999