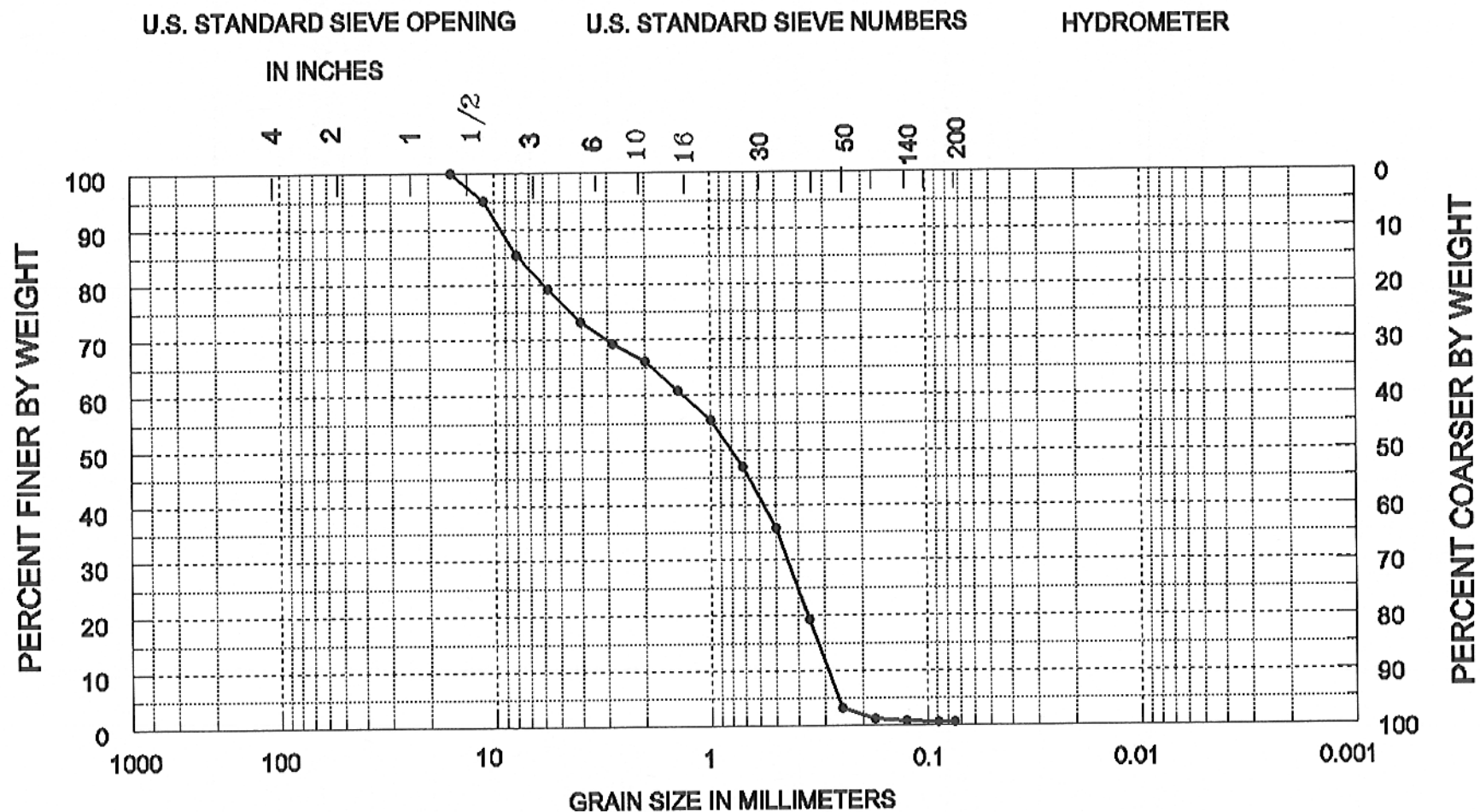


Sediment Analysis Data Sheet

Sample IR-C-14-0.5

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	0.98	4.90	4.90		
	8.00	-3.00	1.94	9.73	14.63		
	5.66	-2.50	1.21	6.07	20.70	5% :	-3.49 11.27
5	4.00	-2.00	1.22	6.12	26.82	16% :	-2.89 7.40
7	2.83	-1.50	0.77	3.87	30.69	25% :	-2.15 4.43
10	2.00	-1.00	0.64	3.19	33.88	50% :	0.32 0.80
14	1.41	-0.50	1.04	5.23	39.11	75% :	1.33 0.40
18	1.00	0.00	1.09	5.47	44.59	84% :	1.60 0.33
25	0.71	0.50	1.69	8.47	53.06	95% :	1.94 0.26
35	0.50	1.00	2.21	11.09	64.15		
45	0.35	1.50	3.33	16.69	80.84	Med.	0.32 0.80
60	0.25	2.00	3.18	15.93	96.77	Mean	-0.50 1.42
80	0.18	2.50	0.42	2.09	98.86	St Dev.	1.95
120	0.13	3.00	0.06	0.32	99.17	Skew.	-0.42
170	0.09	3.50	0.03	0.16	99.33	Kurt.	0.64
200	0.07	3.75	0.03	0.17	99.50		
Pan			0.00	0.00	99.50		
Total			19.83	99.50	99.50		
						Moment	Statistics
							Phi mm
Cu =	4.62		Gravel	24	%	Mean	-0.06 1.04
			Coarse Sand	10	%	St. Dev.	1.90 0.27
			Med. Sand	39	%	Skewness	-0.47
Cc =	0.51		Fine Sand	27	%	Kurtosis	1.80

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

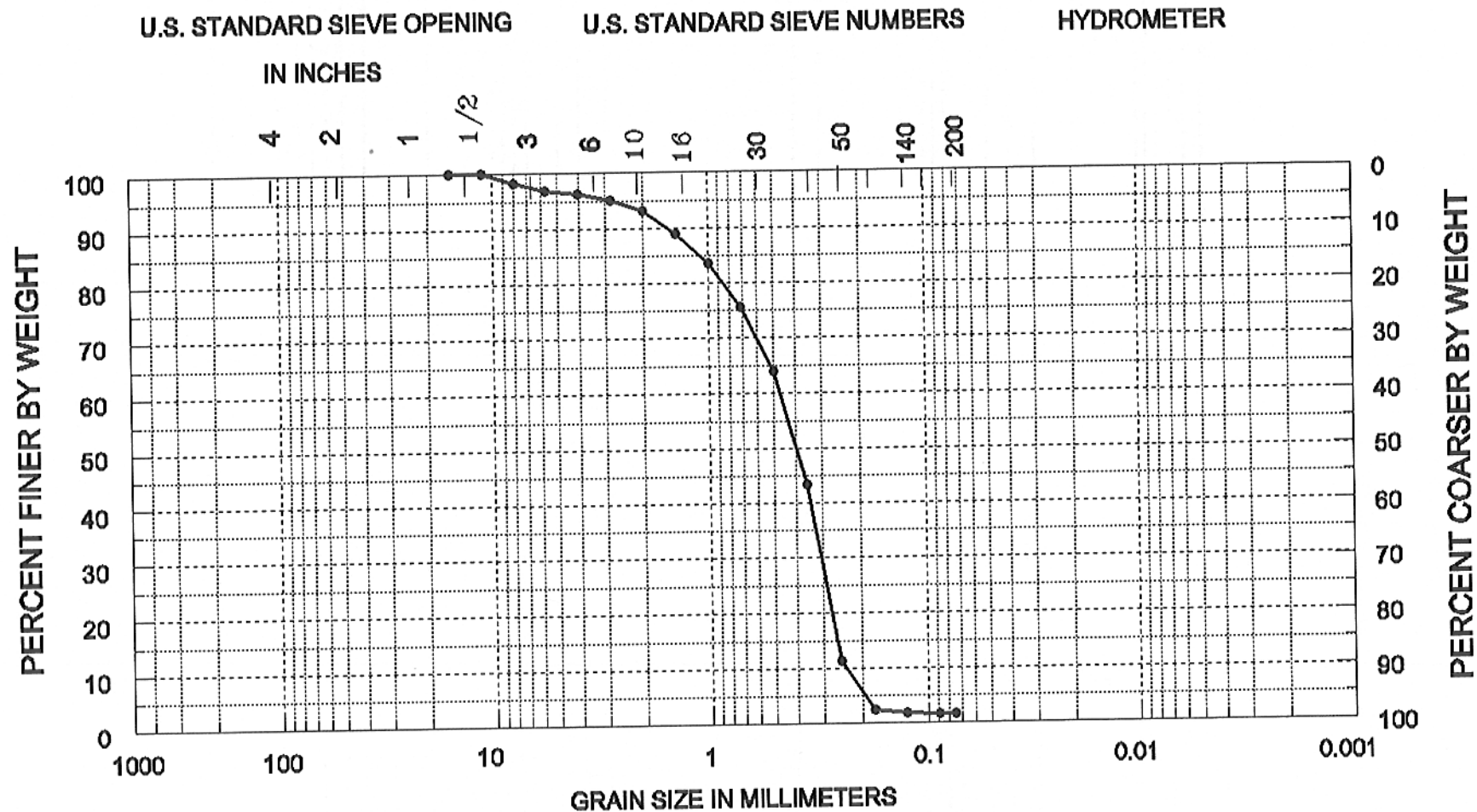
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-28.4	Gravel and medium sand (SP)	AREA Indian River County
			BORING NO. IR-C-14
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-14-4.0

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	0.36	1.75	1.75			
	5.66	-2.50	0.28	1.38	3.13	5%	-1.50	2.82
5	4.00	-2.00	0.14	0.69	3.82	16%	-0.04	1.03
7	2.83	-1.50	0.24	1.16	4.98	25%	0.52	0.70
10	2.00	-1.00	0.40	1.97	6.96	50%	1.34	0.40
14	1.41	-0.50	0.85	4.19	11.15	75%	1.79	0.29
18	1.00	0.00	1.08	5.30	16.45	84%	1.93	0.26
25	0.71	0.50	1.62	7.97	24.42	95%	2.36	0.20
35	0.50	1.00	2.36	11.63	36.05			
45	0.35	1.50	4.20	20.65	56.70	Med.	1.34	0.40
60	0.25	2.00	6.49	31.94	88.64	Mean	0.82	0.57
80	0.18	2.50	1.81	8.91	97.55	St Dev.	1.08	
120	0.13	3.00	0.14	0.69	98.24	Skew	-0.44	
170	0.09	3.50	0.04	0.18	98.42	Kurt.	1.25	
200	0.07	3.75	0.02	0.08	98.50			
Pan			0.00	0.00	98.50			
Total			20.02	98.50	98.50			
						Moment	Statistics	
							Phi	mm
Cu =	1.97		Gravel		3 %	Mean	1.22	0.43
			Coarse	Sand	3 %	St. Dev.	1.19	0.44
			Med.	Sand	39 %	Skewness	-1.57	
Cc =	0.84		Fine	Sand	52 %	Kurtosis	5.54	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-31.9	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-14
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-14-8.0

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	0.70	3.50	3.50		
	8.00	-3.00	0.23	1.18	4.68		
	5.66	-2.50	1.11	5.56	10.24	5% :	-2.97 7.84
5	4.00	-2.00	0.81	4.09	14.33	16% :	-1.81 3.52
7	2.83	-1.50	0.89	4.50	18.83	25% :	-0.85 1.80
10	2.00	-1.00	0.86	4.32	23.15	50% :	0.70 0.61
14	1.41	-0.50	1.21	6.08	29.24	75% :	1.60 0.33
18	1.00	0.00	1.44	7.22	36.46	84% :	1.83 0.28
25	0.71	0.50	1.80	9.04	45.50	95% :	2.37 0.19
35	0.50	1.00	2.19	11.04	56.54		
45	0.35	1.50	2.85	14.35	70.89	Med.	0.70 0.61
60	0.25	2.00	3.95	19.89	90.78	Mean	0.02 0.98
80	0.18	2.50	1.12	5.66	96.44	St Dev.	1.72
120	0.13	3.00	0.21	1.05	97.49	Skew	-0.38
170	0.09	3.50	0.06	0.31	97.80	Kurt.	0.89
200	0.07	3.75	0.00	0.00	97.80		
Pan			0.00	0.00	97.80		
Total			19.43	97.80	97.80		
						Moment	Statistics
							Phi mm
Cu =	3.45		Gravel		12 %	Mean	0.44 0.74
			Coarse	Sand	11 %	St. Dev.	1.68 0.31
			Med.	Sand	41 %	Skewness	-0.75
Cc =	0.59		Fine	Sand	34 %	Kurtosis	2.55

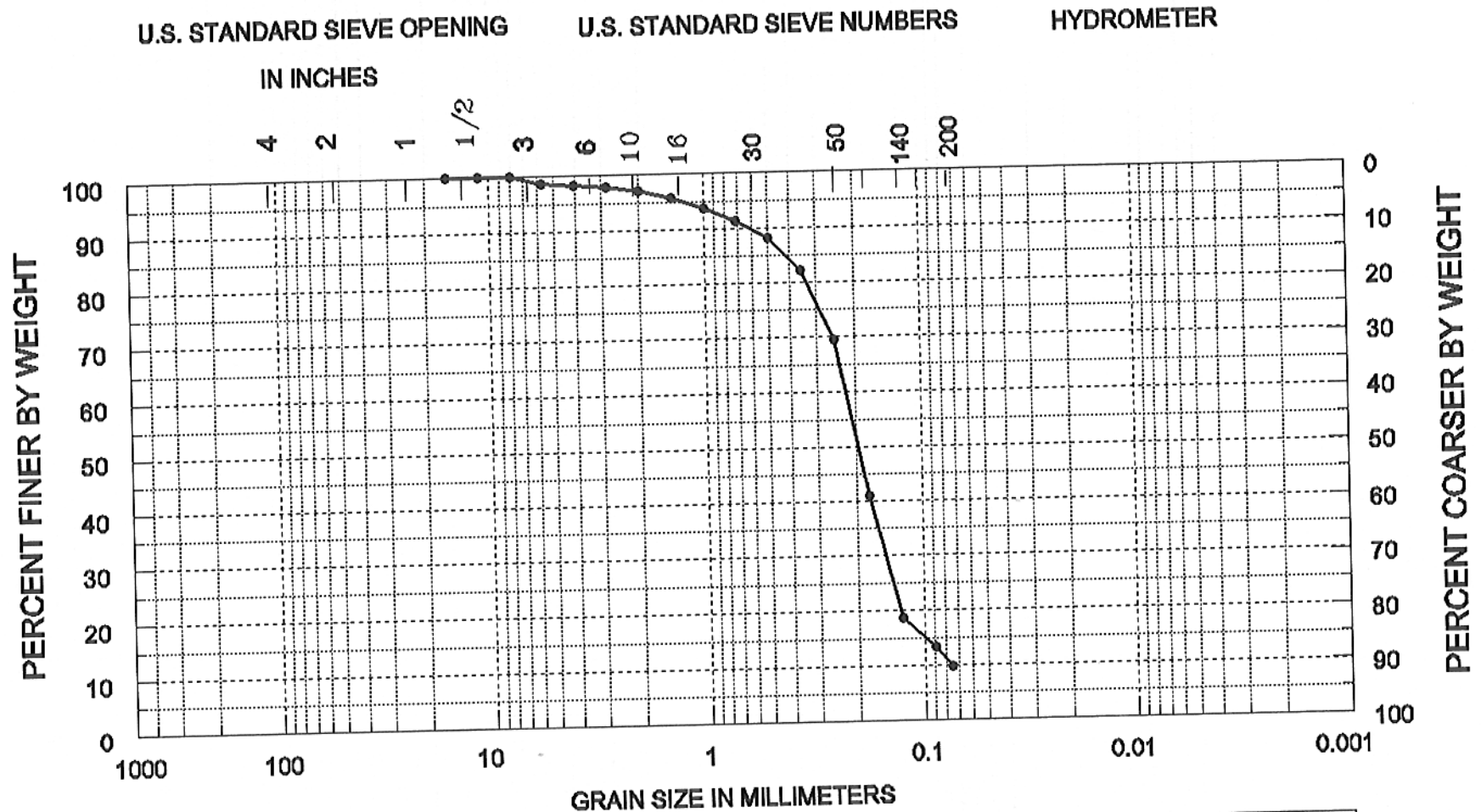
SEA, INC.

Sediment Analysis Data Sheet

Sample IR-C-14-12.0

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	0.27	1.35	1.35	5% :	-0.33	1.26
5	4.00	-2.00	0.10	0.51	1.86	16% :	1.35	0.39
7	2.83	-1.50	0.05	0.25	2.11	25% :	1.78	0.29
10	2.00	-1.00	0.18	0.92	3.03	50% :	2.34	0.20
14	1.41	-0.50	0.27	1.34	4.37	75% :	2.86	0.14
18	1.00	0.00	0.37	1.87	6.24	84% :	3.24	0.11
25	0.71	0.50	0.48	2.42	8.66	95% :	3.95	0.06
35	0.50	1.00	0.64	3.20	11.86			
45	0.35	1.50	1.17	5.90	17.77	Med.	2.34	0.20
60	0.25	2.00	2.54	12.79	30.56	Mean	2.11	0.23
80	0.18	2.50	5.64	28.37	58.92	St Dev.	1.12	
120	0.13	3.00	4.48	22.51	81.44	Skew	-0.15	
170	0.09	3.50	1.05	5.28	86.72	Kurt.	1.63	
200	0.07	3.75	0.71	3.57	90.29			
Pan			0.08	0.41	90.70			
Total			18.03	90.70	90.70			
						Moment Statistics		
							Phi	mm
Cu =	2.91		Gravel		2 %	Mean	2.25	0.21
			Coarse Sand		1 %	St. Dev.	1.15	0.45
			Med. Sand		12 %	Skewness	-1.93	
Cc =	1.31		Fine Sand		75 %	Kurtosis	7.53	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

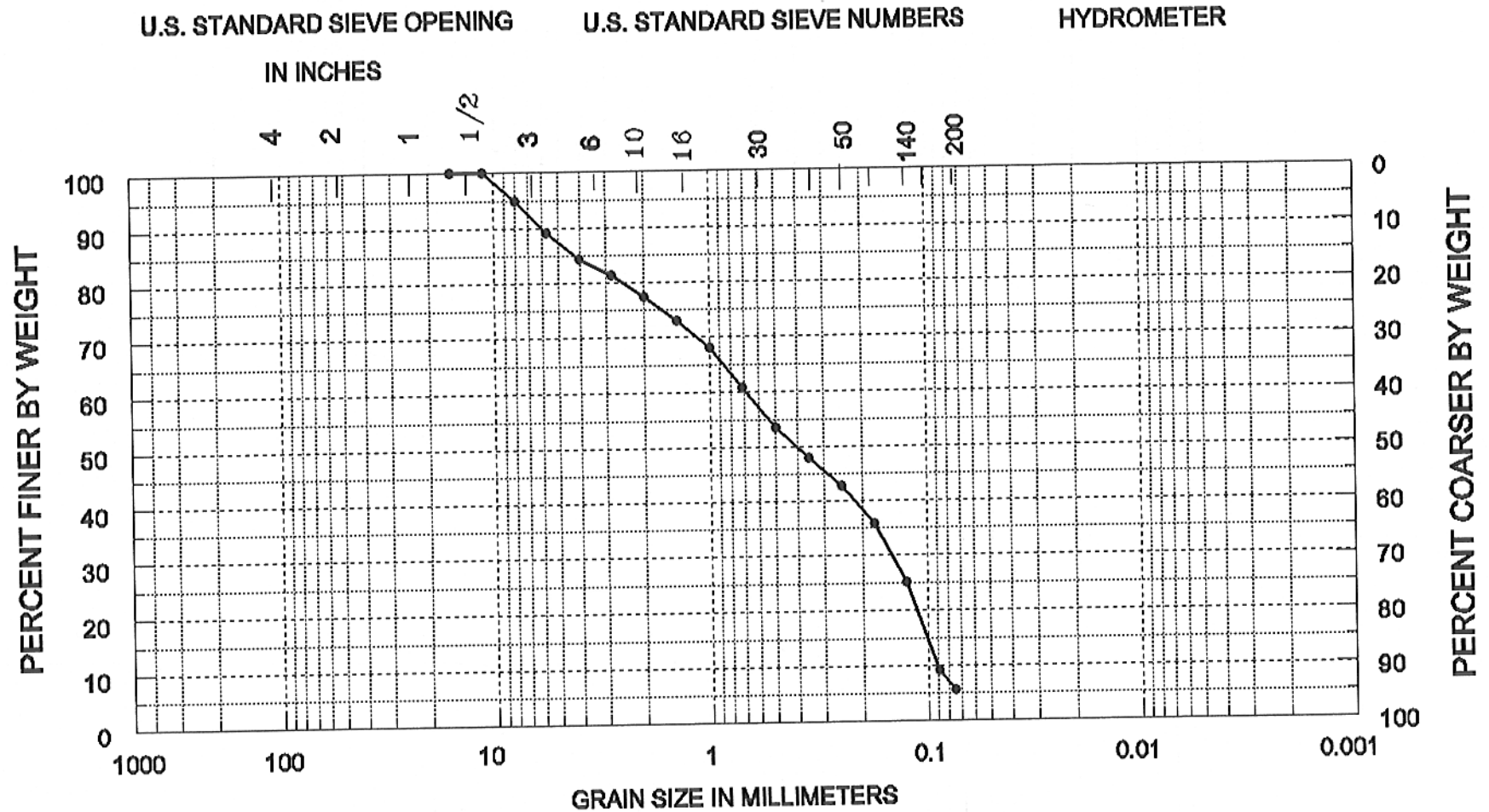
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
12.0	-39.9	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-14
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-14-16.0

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	1.08	5.22	5.22			
	5.66	-2.50	1.17	5.69	10.91	5% :	-3.02	8.12
5	4.00	-2.00	0.96	4.64	15.55	16% :	-1.93	3.80
7	2.83	-1.50	0.63	3.03	18.58	25% :	-0.73	1.66
10	2.00	-1.00	0.84	4.08	22.66	50% :	1.31	0.40
14	1.41	-0.50	0.89	4.31	26.97	75% :	3.01	0.12
18	1.00	0.00	1.00	4.83	31.80	84% :	3.29	0.10
25	0.71	0.50	1.52	7.35	39.15	95% :	3.75	0.07
35	0.50	1.00	1.52	7.36	46.51			
45	0.35	1.50	1.15	5.56	52.07	Med.	1.31	0.40
60	0.25	2.00	1.08	5.24	57.31	Mean	0.68	0.62
80	0.18	2.50	1.43	6.94	64.26	St Dev.	2.33	
120	0.13	3.00	2.18	10.57	74.82	Skew	-0.26	
170	0.09	3.50	3.30	15.99	90.81	Kurt.	0.74	
200	0.07	3.75	0.77	3.73	94.54			
Pan			0.05	0.26	94.80			
Total			19.56	94.80	94.80			
						Moment Statistics		
							Phi	mm
Cu =	7.55		Gravel		13 %	Mean	1.05	0.48
			Coarse Sand		9 %	St. Dev.	2.16	0.22
			Med. Sand		27 %	Skewness	-0.45	
Cc =	0.35		Fine Sand		45 %	Kurtosis	1.91	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
16.0	-43.9	Gravel and medlum to fine sand	AREA Indian River County
		well graded (SW)	BORING NO. IR-C-14
			DATE June,1999