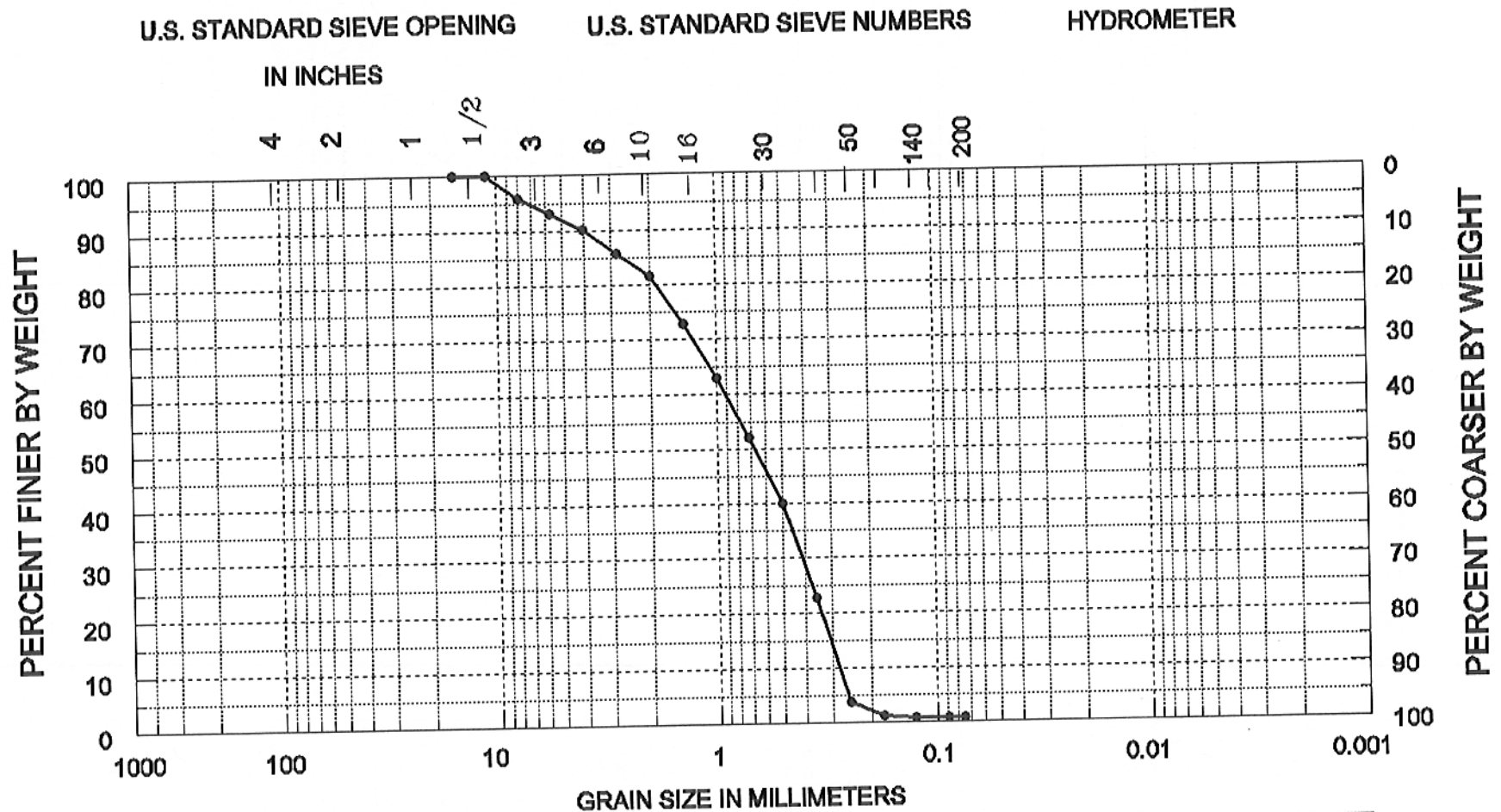


Sediment Analysis Data Sheet

Sample IR-C-4-0.5

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	0.79	4.12	4.12		
	5.66	-2.50	0.55	2.86	6.98	5% :	-2.85 7.19
5	4.00	-2.00	0.57	2.96	9.94	16% :	-1.28 2.44
7	2.83	-1.50	0.81	4.23	14.17	25% :	-0.62 1.54
10	2.00	-1.00	0.82	4.25	18.42	50% :	0.59 0.66
14	1.41	-0.50	1.66	8.63	27.05	75% :	1.43 0.37
18	1.00	0.00	1.90	9.88	36.94	84% :	1.68 0.31
25	0.71	0.50	2.09	10.90	47.84	95% :	1.97 0.26
35	0.50	1.00	2.33	12.11	59.94		
45	0.35	1.50	3.33	17.33	77.27	Med.	0.59 0.66
60	0.25	2.00	3.64	18.96	96.23	Mean	0.02 0.99
80	0.18	2.50	0.48	2.51	98.74	St Dev.	1.47
120	0.13	3.00	0.08	0.43	99.17	Skew	-0.35
170	0.09	3.50	0.03	0.13	99.30	Kurt.	0.96
200	0.07	3.75	0.00	0.00	99.30		
Pan			0.00	0.00	99.30		
Total			19.08	99.30	99.30		
						Moment	Statistics
							Phi mm
Cu =	3.24		Gravel		8 %	Mean	0.49 0.71
			Coarse	Sand	10 %	St. Dev.	1.45 0.37
			Med.	Sand	50 %	Skewness	-0.80
Cc =	0.66		Fine	Sand	31 %	Kurtosis	2.81

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

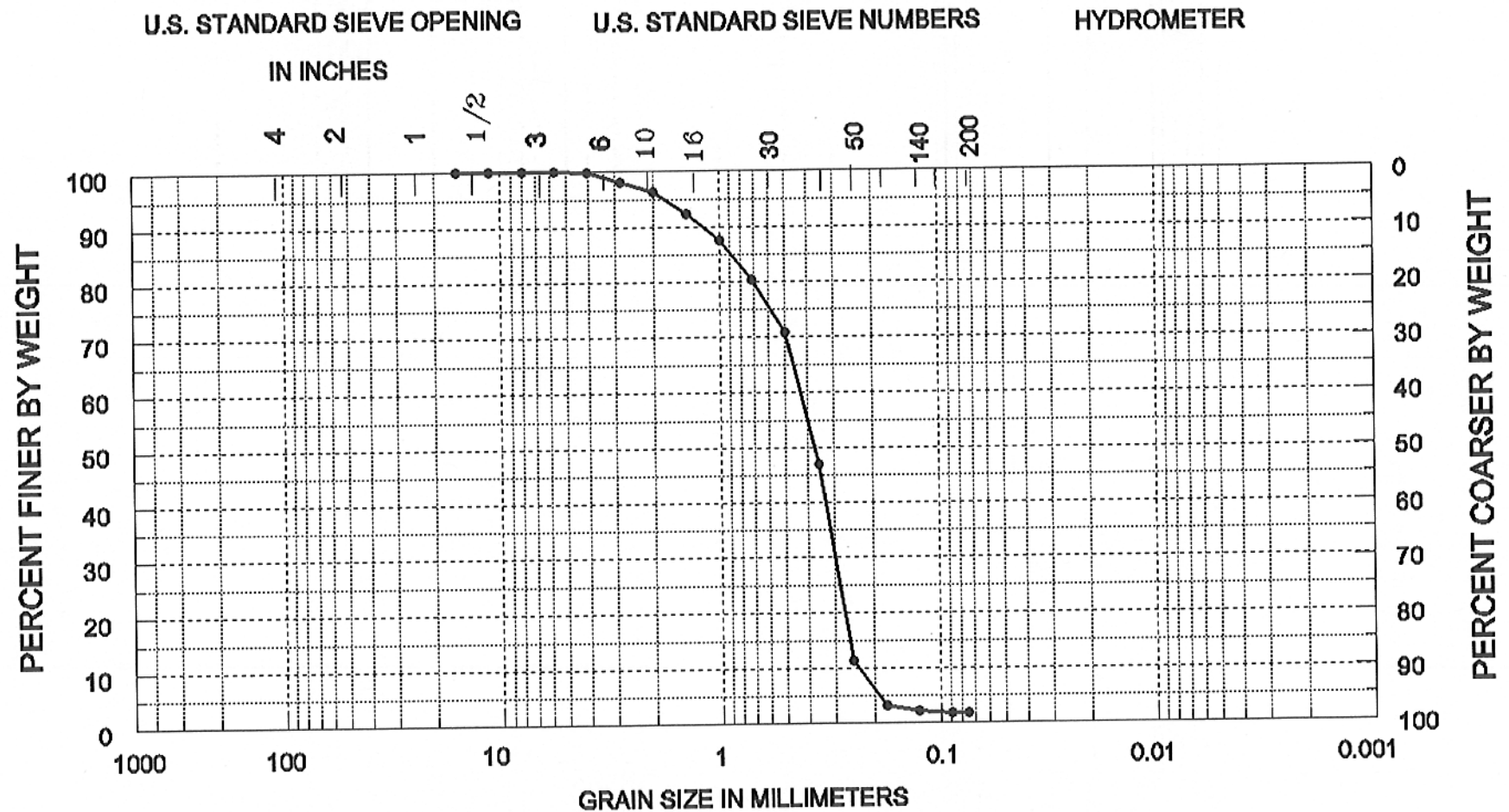
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-30.3	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-4
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-4-3.0

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%	: -0.83 1.78
5	4.00	-2.00	0.05	0.22	0.22	16%	: 0.24 0.84
7	2.83	-1.50	0.36	1.75	1.97	25%	: 0.78 0.58
10	2.00	-1.00	0.36	1.72	3.69	50%	: 1.43 0.37
14	1.41	-0.50	0.82	3.95	7.64	75%	: 1.81 0.29
18	1.00	0.00	1.02	4.93	12.57	84%	: 1.93 0.26
25	0.71	0.50	1.46	7.04	19.61	95%	: 2.39 0.19
35	0.50	1.00	1.97	9.52	29.13		
45	0.35	1.50	4.97	24.00	53.12	Med.	1.43 0.37
60	0.25	2.00	7.39	35.65	88.77	Mean	1.03 0.49
80	0.18	2.50	1.66	8.02	96.78	St Dev.	0.91
120	0.13	3.00	0.22	1.07	97.85	Skew	-0.41
170	0.09	3.50	0.07	0.35	98.20	Kurt.	1.29
200	0.07	3.75	0.00	0.00	98.20		
Pan			0.00	0.00	98.20		
Total			20.35	98.20	98.20		
						Moment	Statistics
							Phi mm
Cu =	1.80		Gravel		0 %	Mean	1.41 0.38
			Coarse	Sand	4 %	St. Dev.	0.93 0.52
			Med.	Sand	37 %	Skewness	-1.22
Cc =	0.89		Fine	Sand	57 %	Kurtosis	4.28

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

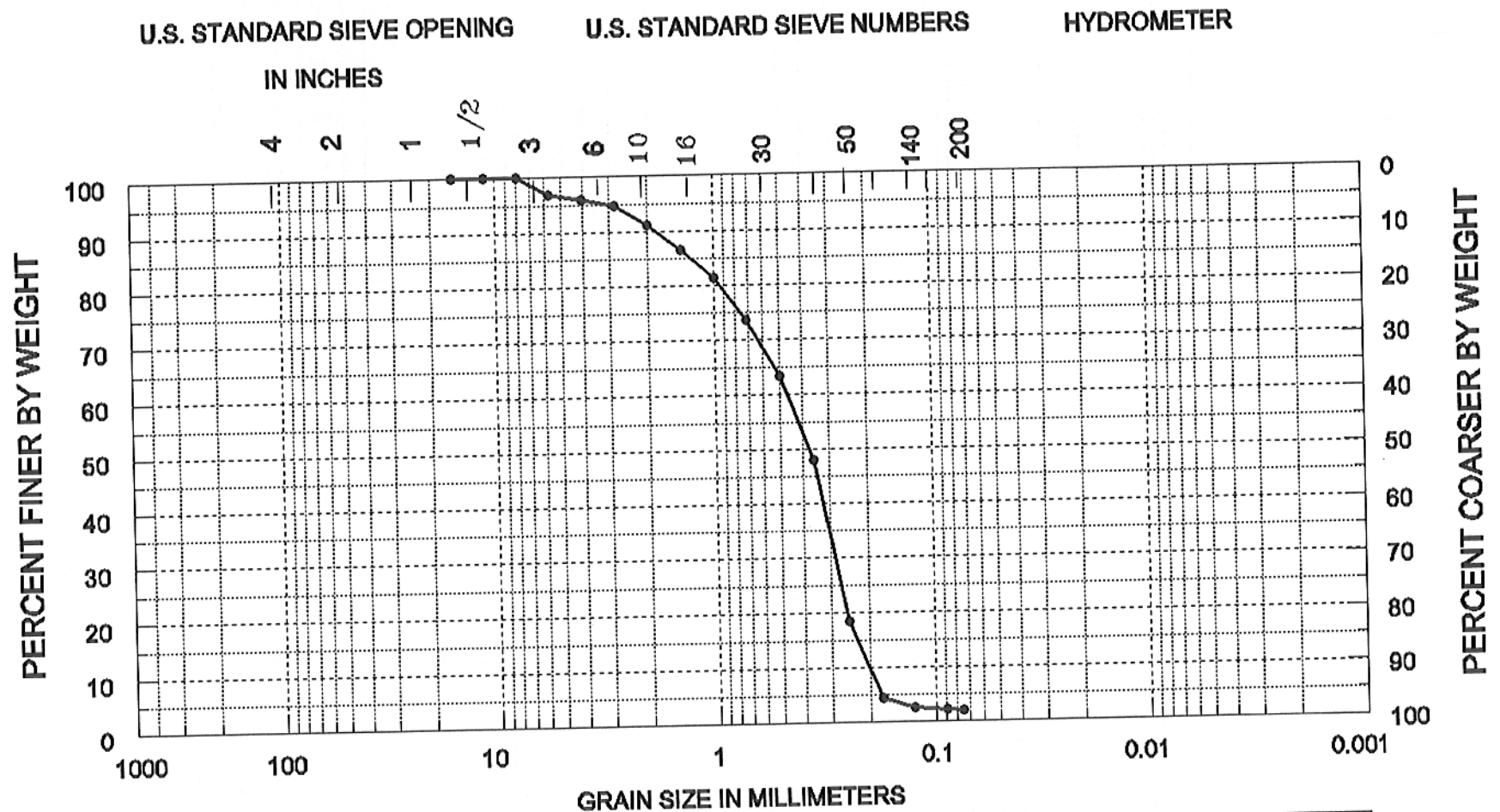
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
3.0	-32.3	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-4
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-4-6.0

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	0.66	3.26	3.26	5% : -1.66 3.15
5	4.00	-2.00	0.17	0.85	4.10	16% : -0.25 1.19
7	2.83	-1.50	0.26	1.30	5.41	25% : 0.41 0.75
10	2.00	-1.00	0.72	3.54	8.95	50% : 1.43 0.37
14	1.41	-0.50	0.90	4.47	13.41	75% : 1.89 0.27
18	1.00	0.00	1.06	5.26	18.67	84% : 2.09 0.24
25	0.71	0.50	1.57	7.75	26.42	95% : 2.48 0.18
35	0.50	1.00	2.07	10.22	36.64	
45	0.35	1.50	3.13	15.47	52.11	Med. 1.43 0.37
60	0.25	2.00	5.96	29.47	81.58	Mean 0.82 0.57
80	0.18	2.50	2.84	14.06	95.64	St Dev. 1.21
120	0.13	3.00	0.34	1.70	97.34	Skew -0.47
170	0.09	3.50	0.08	0.41	97.75	Kurt. 1.14
200	0.07	3.75	0.04	0.18	97.94	
Pan			0.01	0.06	98.00	
Total			19.82	98.00	98.00	
						Moment Statistics
						Phi mm
Cu =	2.28		Gravel	4	%	Mean 1.24 0.42
			Coarse Sand	5	%	St. Dev. 1.27 0.42
			Med. Sand	35	%	Skewness -1.22
Cc =	0.87		Fine Sand	54	%	Kurtosis 4.05

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

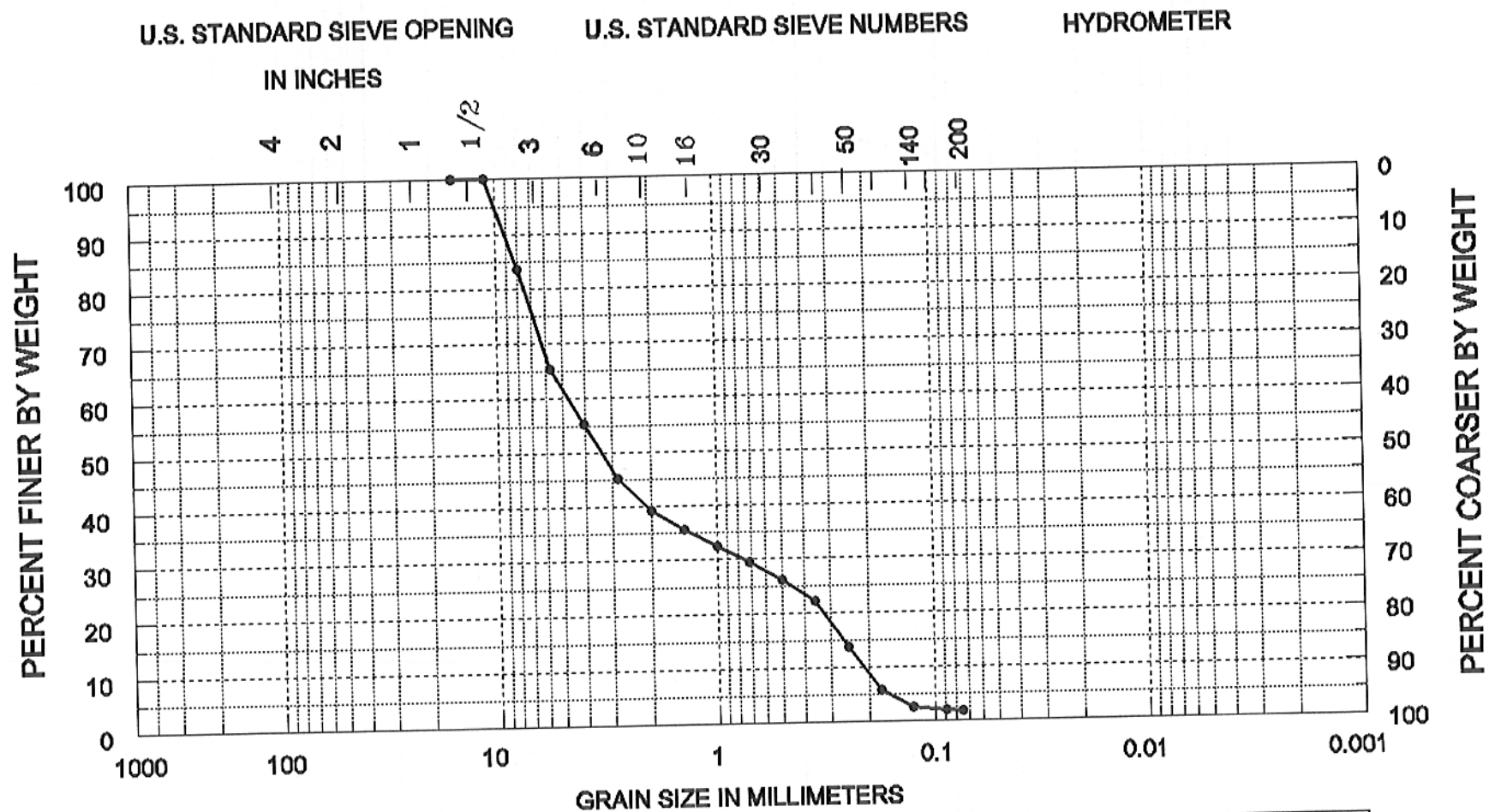
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
6.0	-35.8	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-4
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-4-11.0

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	3.22	16.38	16.38		
	5.66	-2.50	3.60	18.33	34.71	5%	-3.35 10.18
5	4.00	-2.00	1.96	9.99	44.70	16%	-3.01 8.06
7	2.83	-1.50	2.00	10.16	54.86	25%	-2.76 6.80
10	2.00	-1.00	1.15	5.84	60.71	50%	-1.74 3.34
14	1.41	-0.50	0.74	3.75	64.45	75%	1.15 0.45
18	1.00	0.00	0.60	3.05	67.50	84%	1.86 0.27
25	0.71	0.50	0.59	3.02	70.53	95%	2.61 0.16
35	0.50	1.00	0.64	3.28	73.81		
45	0.35	1.50	0.80	4.07	77.87	Med.	-1.74 3.34
60	0.25	2.00	1.65	8.40	86.27	Mean	-0.72 1.65
80	0.18	2.50	1.59	8.07	94.34	St Dev.	2.12
120	0.13	3.00	0.59	2.99	97.33	Skew	0.47
170	0.09	3.50	0.14	0.71	98.04	Kurt.	0.62
200	0.07	3.75	0.05	0.26	98.30		
Pan			0.00	0.00	98.30		
Total			19.32	98.30	98.30		
						Moment	Statistics
							Phi mm
Cu =	22.11		Gravel	40	%	Mean	-0.79 1.73
			Coarse Sand	21	%	St. Dev.	2.03 0.24
			Med. Sand	15	%	Skewness	0.60
Cc =	0.56		Fine Sand	22	%	Kurtosis	1.87

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

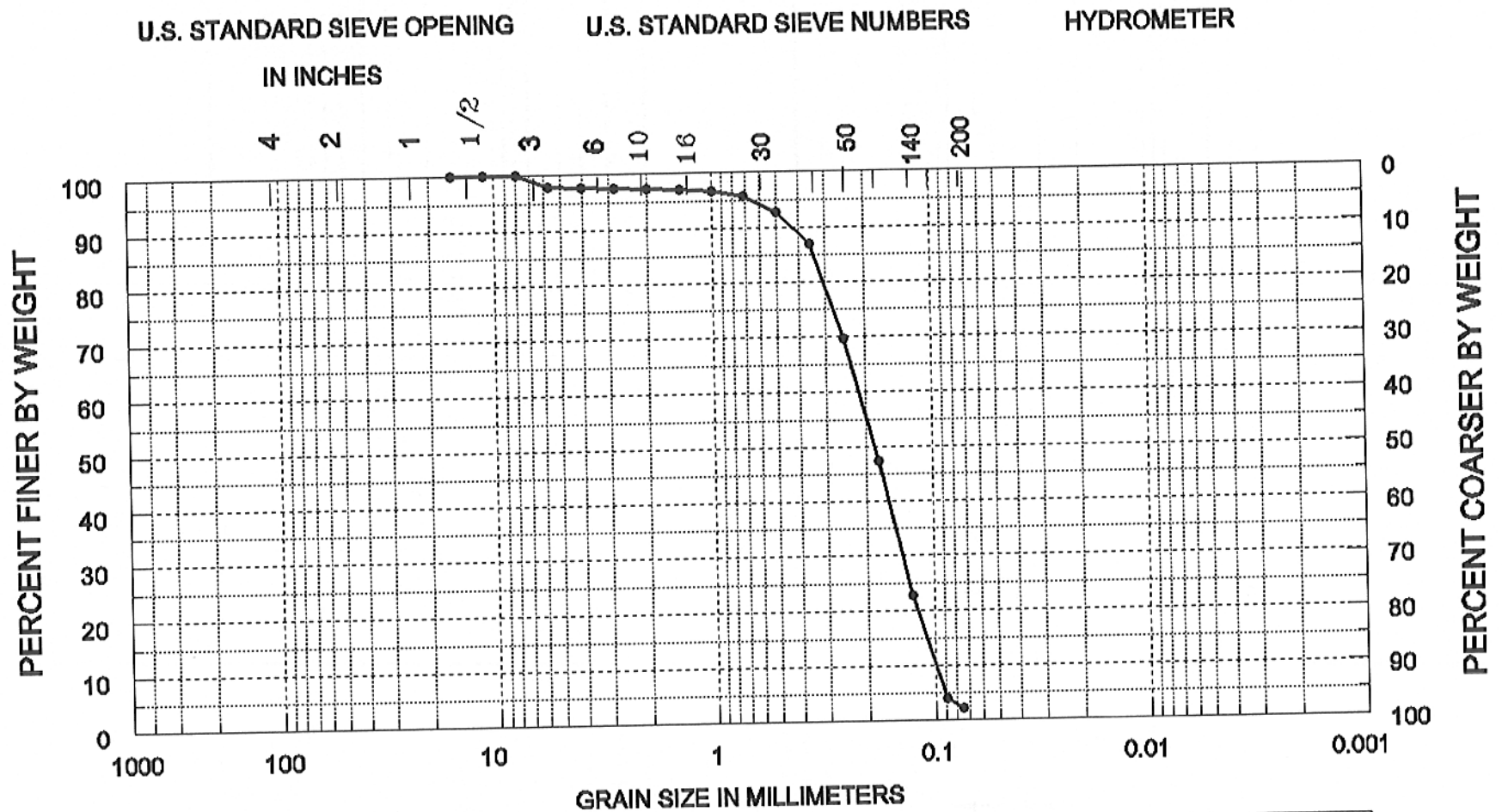
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
11.0	-40.8	Gravel and well graded sand (SW)	AREA Indian River County
			BORING NO. IR-C-4
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-4-14.0

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	0.63	2.12	2.12	5% :	0.60	0.66
5	4.00	-2.00	0.10	0.34	2.46	16% :	1.58	0.33
7	2.83	-1.50	0.03	0.10	2.56	25% :	1.85	0.28
10	2.00	-1.00	0.07	0.22	2.78	50% :	2.44	0.18
14	1.41	-0.50	0.07	0.25	3.02	75% :	2.95	0.13
18	1.00	0.00	0.11	0.36	3.39	84% :	3.18	0.11
25	0.71	0.50	0.31	1.05	4.44	95% :	3.47	0.09
35	0.50	1.00	0.84	2.81	7.24			
45	0.35	1.50	1.75	5.85	13.09	Med.	2.44	0.18
60	0.25	2.00	5.13	17.17	30.27	Mean	2.25	0.21
80	0.18	2.50	6.71	22.45	52.72	St Dev.	0.83	
120	0.13	3.00	7.36	24.61	77.32	Skew	-0.18	
170	0.09	3.50	5.61	18.77	96.09	Kurt.	1.06	
200	0.07	3.75	0.51	1.71	97.80			
Pan			0.00	0.00	97.80			
Total			29.24	97.80	97.80			
						Moment Statistics		
							Phi	mm
Cu =	2.17		Gravel		2 %	Mean	2.47	0.18
			Coarse Sand		0 %	St. Dev.	1.13	0.46
			Med. Sand		7 %	Skewness	-2.61	
Cc =	0.90		Fine Sand		88 %	Kurtosis	12.18	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
14.0	-43.8	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-4
			DATE June, 1999