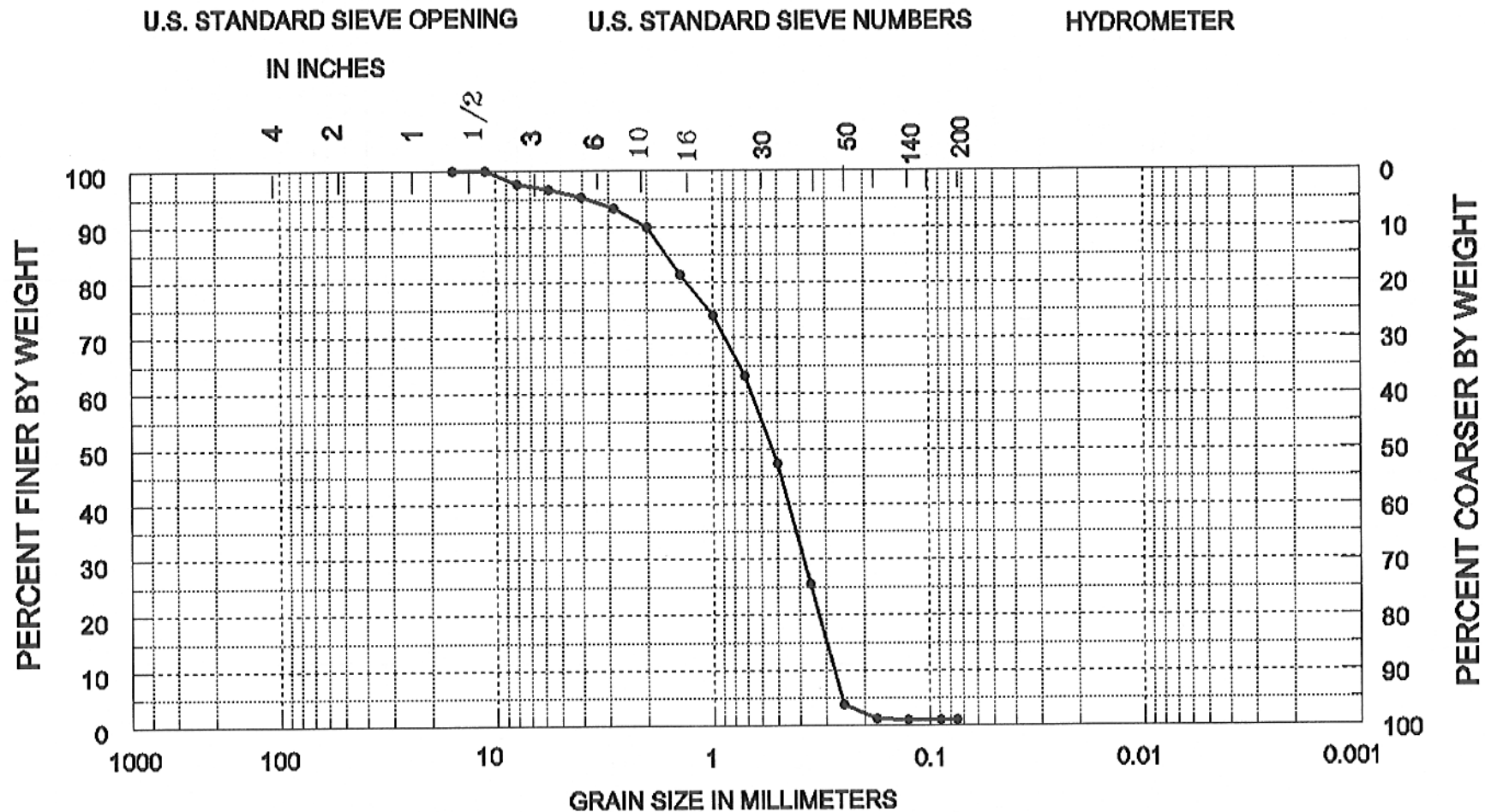


Sediment Analysis Data Sheet

Sample IR-C-8-0.5

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	0.50	2.40	2.40		
	5.66	-2.50	0.22	1.05	3.46	5%	-1.94 3.84
5	4.00	-2.00	0.27	1.30	4.76	16%	-0.66 1.58
7	2.83	-1.50	0.43	2.03	6.79	25%	-0.06 1.05
10	2.00	-1.00	0.69	3.30	10.10	50%	0.92 0.53
14	1.41	-0.50	1.80	8.59	18.69	75%	1.51 0.35
18	1.00	0.00	1.52	7.26	25.94	84%	1.72 0.30
25	0.71	0.50	2.29	10.92	36.86	95%	1.97 0.26
35	0.50	1.00	3.29	15.72	52.59		
45	0.35	1.50	4.57	21.83	74.41	Med.	0.92 0.53
60	0.25	2.00	4.59	21.92	96.34	Mean	0.40 0.76
80	0.18	2.50	0.52	2.49	98.83	St Dev.	1.19
120	0.13	3.00	0.06	0.27	99.10	Skew	-0.39
170	0.09	3.50	0.00	0.00	99.10	Kurt.	1.02
200	0.07	3.75	0.00	0.00	99.10		
Pan			0.00	0.00	99.10		
Total			20.76	99.10	99.10		
						Moment	Statistics
							Phi mm
Cu =	2.39		Gravel		4 %	Mean	0.82 0.56
			Coarse Sand		6 %	St. Dev.	1.23 0.43
			Med. Sand		53 %	Skewness	-1.18
Cc =	0.79		Fine Sand		36 %	Kurtosis	4.10

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

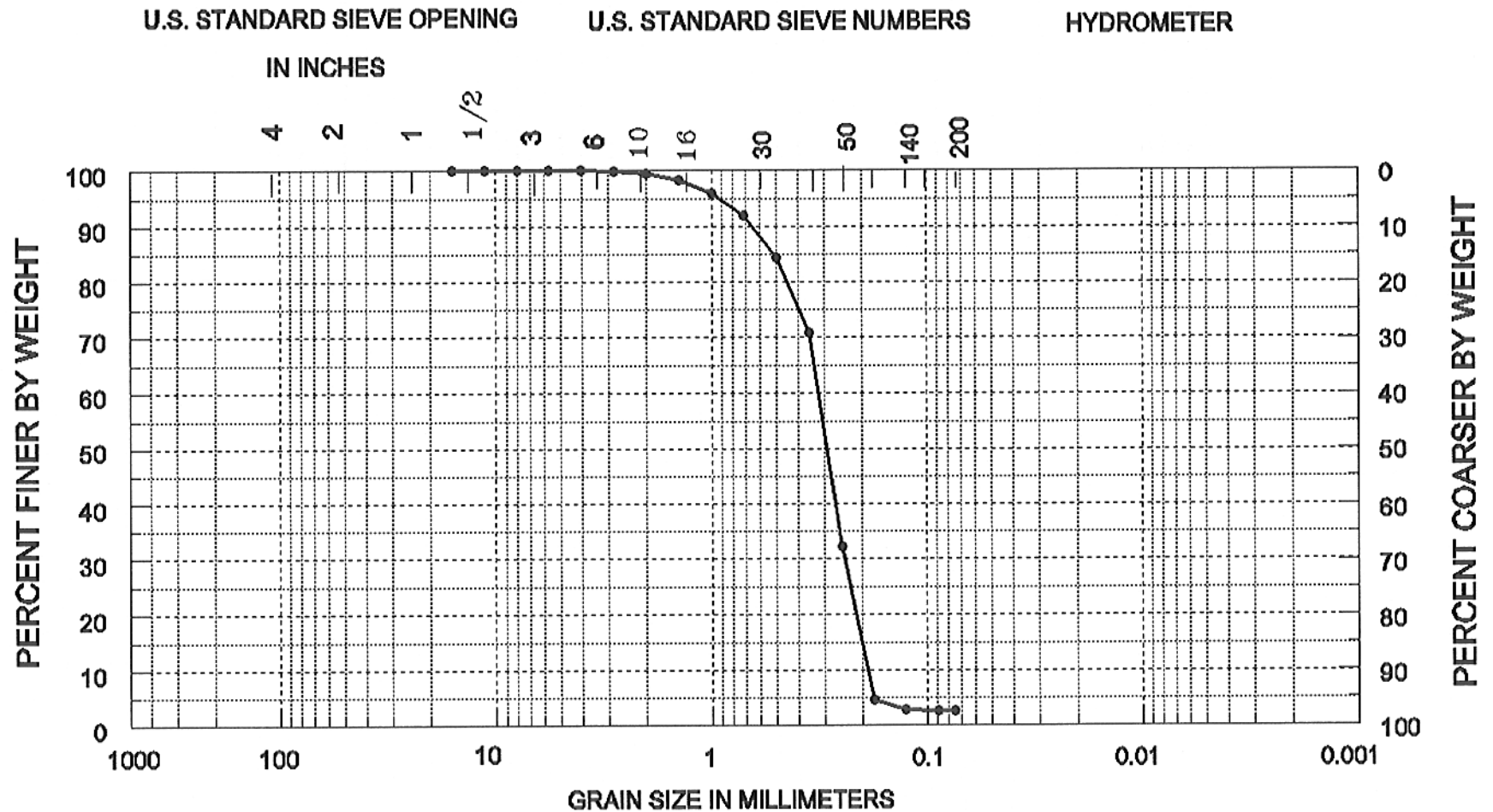
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-28.5	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-8
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-8-4.0

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% :	0.11	0.92
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.01	0.50
7	2.83	-1.50	0.03	0.14	0.14	25% :	1.35	0.39
10	2.00	-1.00	0.08	0.43	0.56	50% :	1.77	0.29
14	1.41	-0.50	0.25	1.29	1.85	75% :	2.13	0.23
18	1.00	0.00	0.44	2.24	4.09	84% :	2.29	0.20
25	0.71	0.50	0.80	4.05	8.14	95% :	2.49	0.18
35	0.50	1.00	1.49	7.58	15.72			
45	0.35	1.50	2.62	13.30	29.02	Med.	1.77	0.29
60	0.25	2.00	7.60	38.64	67.66	Mean	1.54	0.34
80	0.18	2.50	5.46	27.76	95.42	St Dev.	0.68	
120	0.13	3.00	0.35	1.76	97.18	Skew	-0.29	
170	0.09	3.50	0.04	0.22	97.41	Kurt.	1.25	
200	0.07	3.75	0.02	0.09	97.50			
Pan			0.00	0.00	97.50			
Total			19.18	97.50	97.50			
						Moment	Statistics	
							Phi	mm
Cu =	1.69		Gravel		0 %	Mean	1.86	0.28
			Coarse Sand		1 %	St. Dev.	0.72	0.61
			Med. Sand		22 %	Skewness	-1.41	
Cc =	0.97		Fine Sand		75 %	Kurtosis	5.49	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

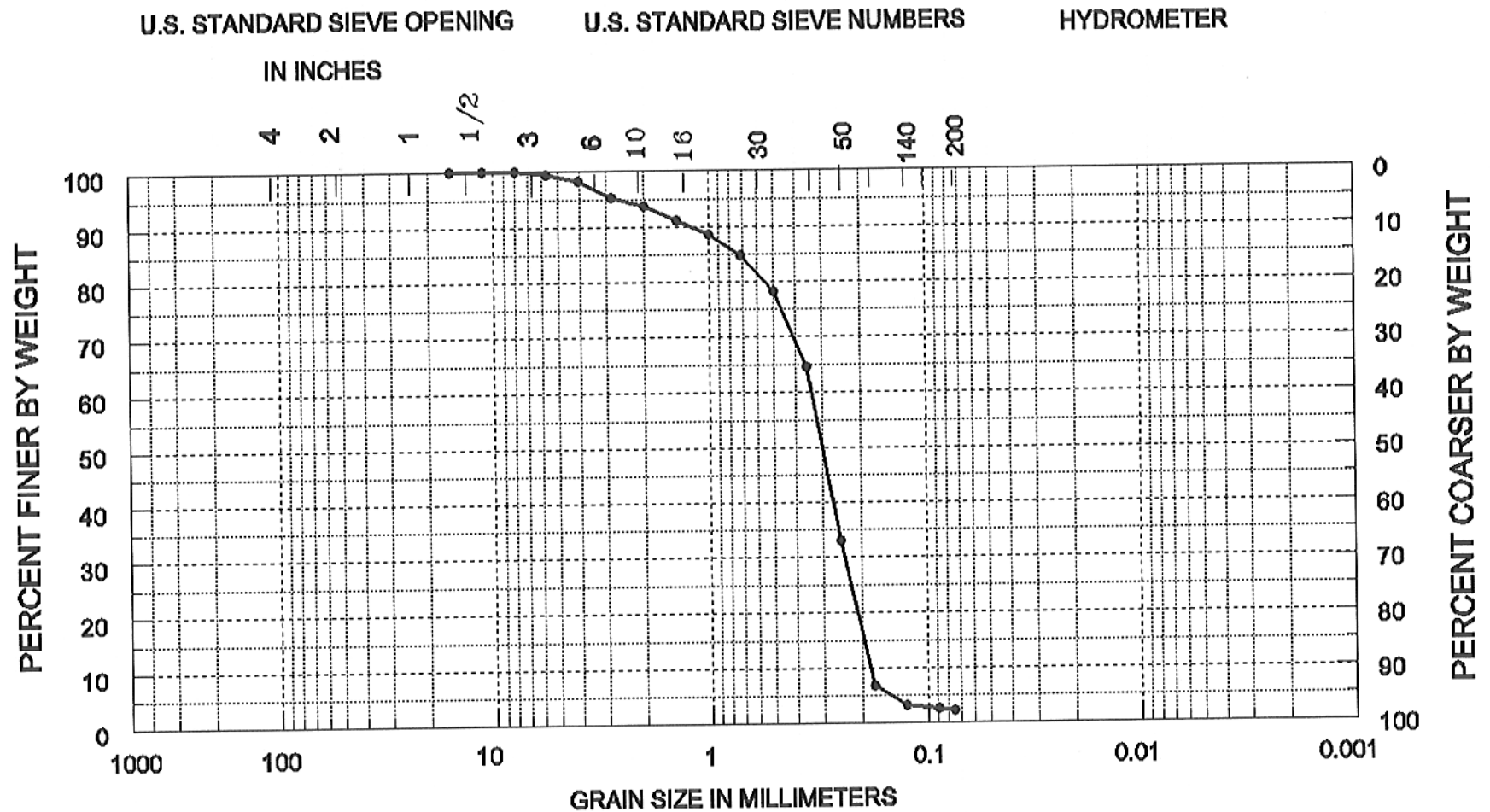
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-32.0	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-8
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-8-8.0

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	0.10	0.50	0.50	5% :	-1.42 2.68
5	4.00	-2.00	0.27	1.35	1.85	16% :	0.56 0.68
7	2.83	-1.50	0.58	2.90	4.75	25% :	1.12 0.46
10	2.00	-1.00	0.32	1.57	6.32	50% :	1.73 0.30
14	1.41	-0.50	0.52	2.60	8.92	75% :	2.15 0.22
18	1.00	0.00	0.52	2.58	11.50	84% :	2.33 0.20
25	0.71	0.50	0.76	3.79	15.29	95% :	2.75 0.15
35	0.50	1.00	1.29	6.40	21.69		
45	0.35	1.50	2.78	13.83	35.52	Med.	1.73 0.30
60	0.25	2.00	6.29	31.31	66.83	Mean	1.19 0.44
80	0.18	2.50	5.30	26.35	93.19	St Dev.	1.07
120	0.13	3.00	0.73	3.63	96.82	Skew	-0.42
170	0.09	3.50	0.13	0.64	97.46	Kurt.	1.65
200	0.07	3.75	0.07	0.34	97.80		
Pan			0.00	0.00	97.80		
Total			19.65	97.80	97.80		
						Moment	Statistics
							Phi mm
Cu =	1.83		Gravel		1 %	Mean	1.64 0.32
			Coarse Sand		5 %	St. Dev.	1.14 0.45
			Med. Sand		22 %	Skewness	-1.60
Cc =	0.93		Fine Sand		69 %	Kurtosis	5.30

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

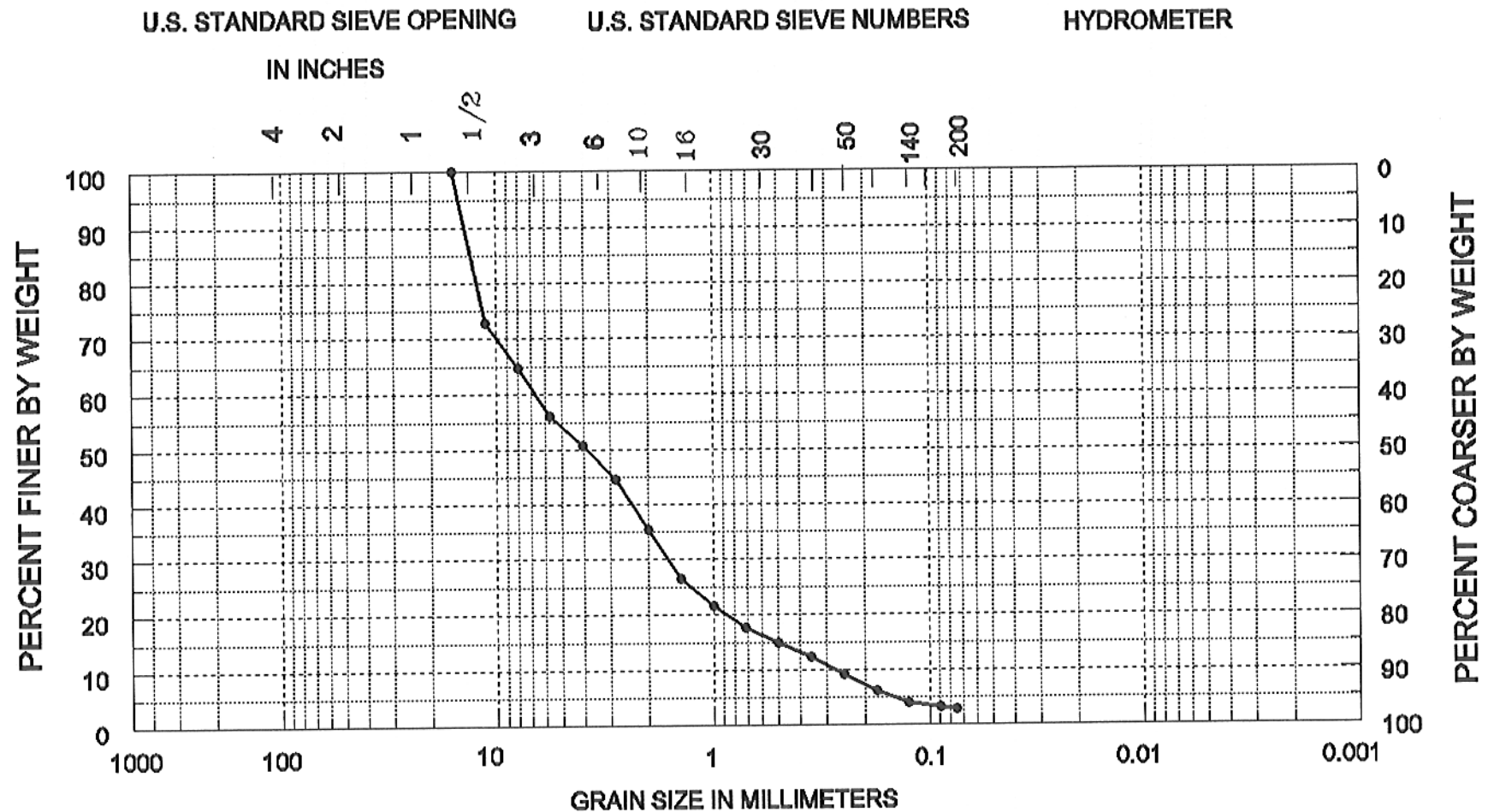
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-36.0	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-8
			DATE June,1999

Sediment Analysis Data Sheet

Sample IR-C-8-12.0

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	5.55	27.05	27.05		
	8.00	-3.00	1.69	8.26	35.31		
	5.66	-2.50	1.77	8.63	43.94	5% :	-3.91 15.01
5	4.00	-2.00	1.10	5.35	49.29	16% :	-3.70 13.03
7	2.83	-1.50	1.25	6.10	55.39	25% :	-3.54 11.61
10	2.00	-1.00	1.88	9.17	64.56	50% :	-1.94 3.84
14	1.41	-0.50	1.81	8.83	73.40	75% :	-0.34 1.27
18	1.00	0.00	1.02	4.98	78.38	84% :	0.79 0.58
25	0.71	0.50	0.80	3.91	82.29	95% :	2.76 0.15
35	0.50	1.00	0.60	2.94	85.22		
45	0.35	1.50	0.50	2.43	87.65	Med.	-1.94 3.84
60	0.25	2.00	0.68	3.31	90.96	Mean	-1.20 2.30
80	0.18	2.50	0.61	2.96	93.92	St Dev.	2.13
120	0.13	3.00	0.43	2.09	96.01	Skew	0.31
170	0.09	3.50	0.17	0.81	96.82	Kurt.	0.85
200	0.07	3.75	0.06	0.31	97.13		
Pan			0.01	0.07	97.20		
Total			19.94	97.20	97.20		
						Moment	Statistics
							Phi mm
Cu =	23.97		Gravel		47 %	Mean	-1.46 2.75
			Coarse Sand		18 %	St. Dev.	1.96 0.26
			Med. Sand		22 %	Skewness	0.73
Cc =	1.43		Fine Sand		11 %	Kurtosis	2.54

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

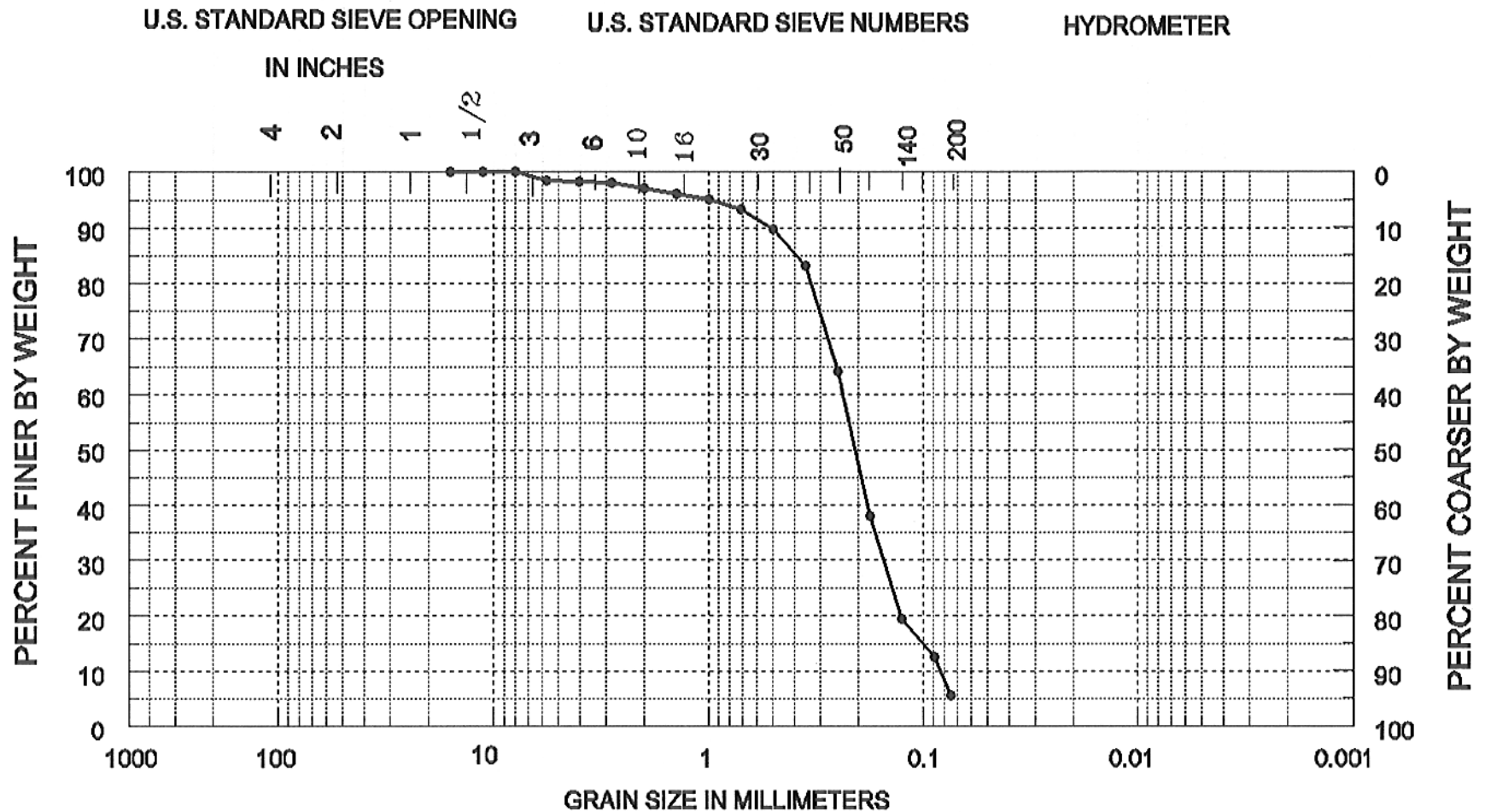
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
12.0	-40.0	Gravel and well graded sand (GW-SW)	AREA Indian River County
			BORING NO. IR-C-8
			DATE June,1999

Sediment Analysis Data Sheet

Sample IR-C-8-17.0

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	0.35	1.70	1.70	5% :	-0.13 1.09
5	4.00	-2.00	0.06	0.28	1.98	16% :	1.34 0.39
7	2.83	-1.50	0.02	0.08	2.06	25% :	1.67 0.32
10	2.00	-1.00	0.23	1.13	3.20	50% :	2.20 0.22
14	1.41	-0.50	0.22	1.05	4.25	75% :	2.70 0.15
18	1.00	0.00	0.21	1.01	5.25	84% :	2.93 0.13
25	0.71	0.50	0.42	2.07	7.32	95% :	3.56 0.08
35	0.50	1.00	0.79	3.88	11.20		
45	0.35	1.50	1.44	7.02	18.22	Med.	2.20 0.22
60	0.25	2.00	4.19	20.49	38.71	Mean	1.98 0.25
80	0.18	2.50	5.75	28.09	66.80	St Dev.	0.95
120	0.13	3.00	4.12	20.13	86.93	Skew	-0.17
170	0.09	3.50	1.52	7.42	94.35	Kurt.	1.45
200	0.07	3.75	0.21	1.05	95.40		
Pan			0.00	0.00	95.40		
Total			19.52	95.40	95.40		
						Moment	Statistics
							Phi mm
Cu =	2.27		Gravel		2 %	Mean	2.20 0.22
			Coarse	Sand	1 %	St. Dev.	1.09 0.47
			Med.	Sand	12 %	Skewness	-2.08
Cc =	1.05		Fine	Sand	81 %	Kurtosis	8.78

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
17.0	-45.0	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-8
			DATE June,1999