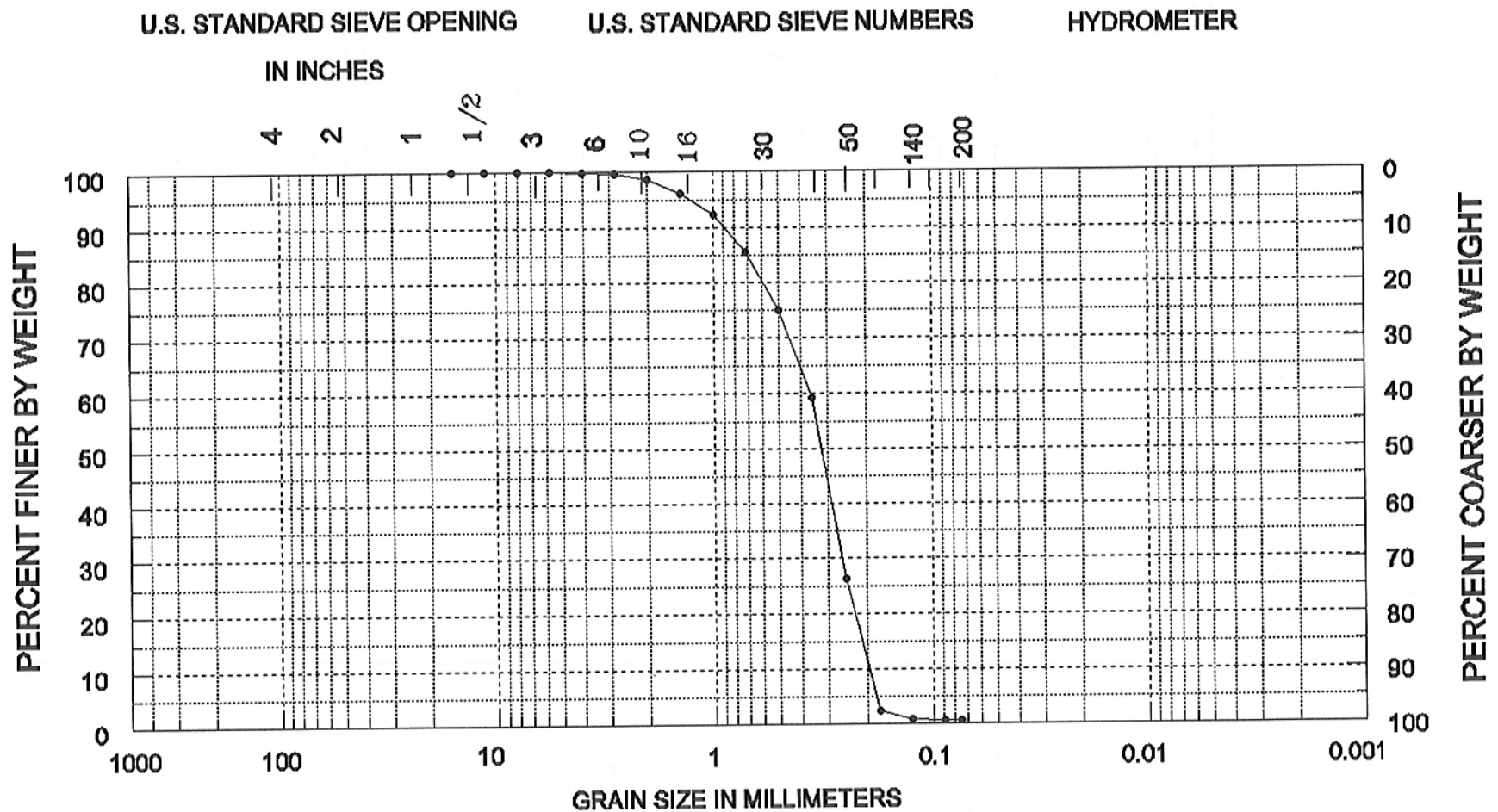


Sediment Analysis Data Sheet

Sample IR-S-24-0.5

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% :	-0.36 1.29
5	4.00	-2.00	0.02	0.12	0.12	16% :	0.57 0.67
7	2.83	-1.50	0.04	0.18	0.30	25% :	1.00 0.50
10	2.00	-1.00	0.23	1.15	1.45	50% :	1.64 0.32
14	1.41	-0.50	0.49	2.49	3.94	75% :	2.03 0.25
18	1.00	0.00	0.76	3.86	7.80	84% :	2.22 0.22
25	0.71	0.50	1.31	6.68	14.49	95% :	2.44 0.18
35	0.50	1.00	2.04	10.40	24.88		
45	0.35	1.50	3.11	15.85	40.73	Med.	1.64 0.32
60	0.25	2.00	6.48	32.97	73.71	Mean	1.30 0.41
80	0.18	2.50	4.70	23.93	97.64	St Dev.	0.84
120	0.13	3.00	0.32	1.61	99.25	Skew	-0.36
170	0.09	3.50	0.02	0.09	99.33	Kurt.	1.12
200	0.07	3.75	0.01	0.07	99.40		
Pan			0.00	0.00	99.40		
Total			19.53	99.40	99.40		
						Moment	Statistics
							Phi mm
Cu =	1.82		Gravel		0 %	Mean	1.66 0.32
			Coarse Sand		1 %	St. Dev.	0.88 0.54
			Med. Sand		31 %	Skewness	-1.30
Cc =	0.95		Fine Sand		67 %	Kurtosis	4.73

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

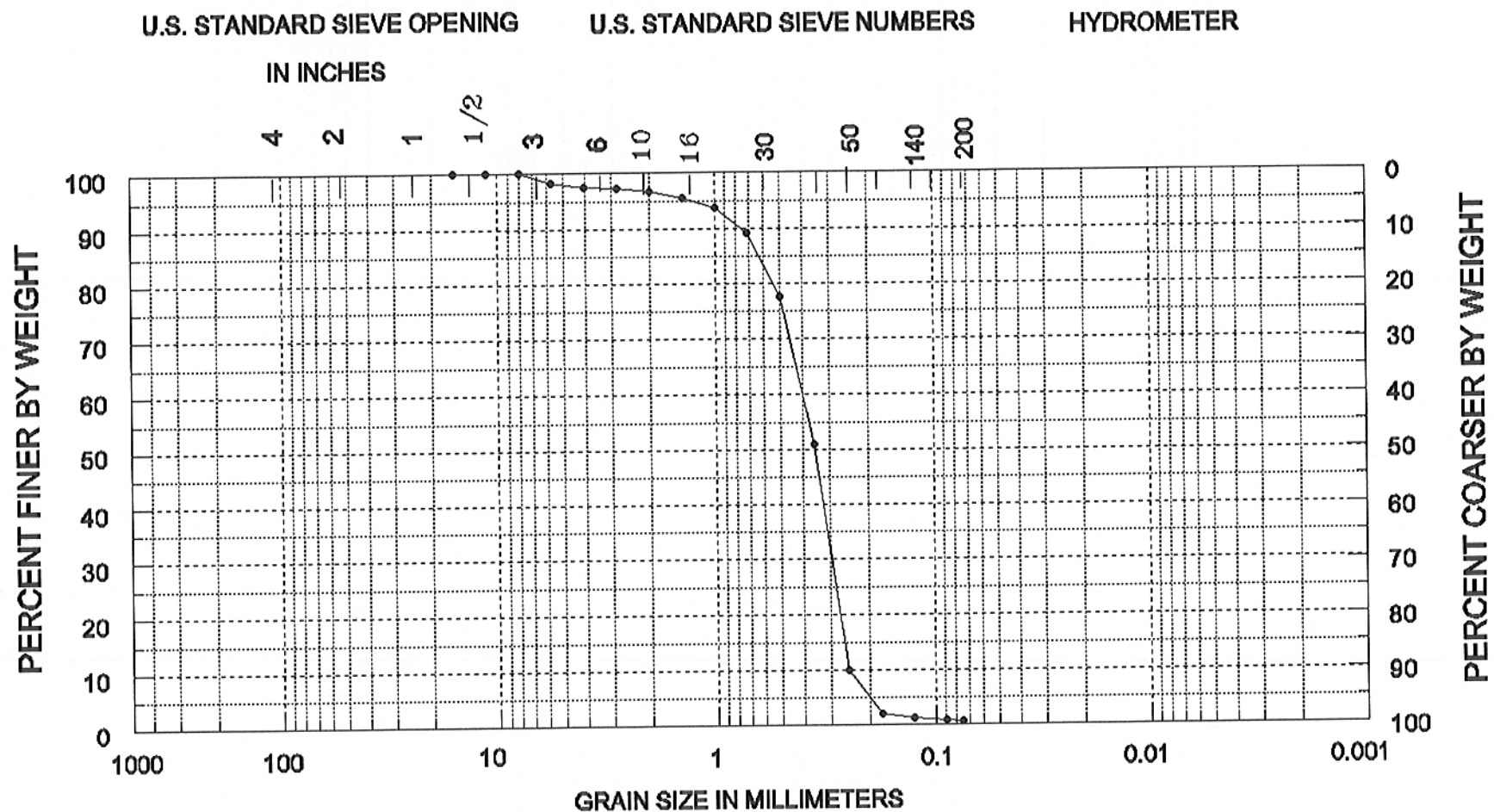
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-18.4	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-24
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-24-4.0

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	0.36	1.81	1.81	5% :	-0.36 1.28
5	4.00	-2.00	0.14	0.70	2.51	16% :	0.72 0.61
7	2.83	-1.50	0.07	0.34	2.85	25% :	1.05 0.48
10	2.00	-1.00	0.12	0.59	3.44	50% :	1.51 0.35
14	1.41	-0.50	0.21	1.06	4.50	75% :	1.82 0.28
18	1.00	0.00	0.35	1.76	6.26	84% :	1.93 0.26
25	0.71	0.50	0.94	4.66	10.92	95% :	2.31 0.20
35	0.50	1.00	2.28	11.37	22.30		
45	0.35	1.50	5.40	26.89	49.18	Med.	1.51 0.35
60	0.25	2.00	8.19	40.83	90.01	Mean	1.22 0.43
80	0.18	2.50	1.59	7.93	97.94	St Dev.	0.71
120	0.13	3.00	0.18	0.88	98.81	Skew	-0.35
170	0.09	3.50	0.07	0.36	99.18	Kurt.	1.43
200	0.07	3.75	0.05	0.22	99.40		
Pan			0.00	0.00	99.40		
Total			19.95	99.40	99.40		
						Moment	Statistics
							Phi mm
Cu =	1.59		Gravel		2 %	Mean	1.52 0.35
			Coarse	Sand	1 %	St. Dev.	0.95 0.52
			Med.	Sand	32 %	Skewness	-2.44
Cc =	0.88		Fine	Sand	64 %	Kurtosis	10.90

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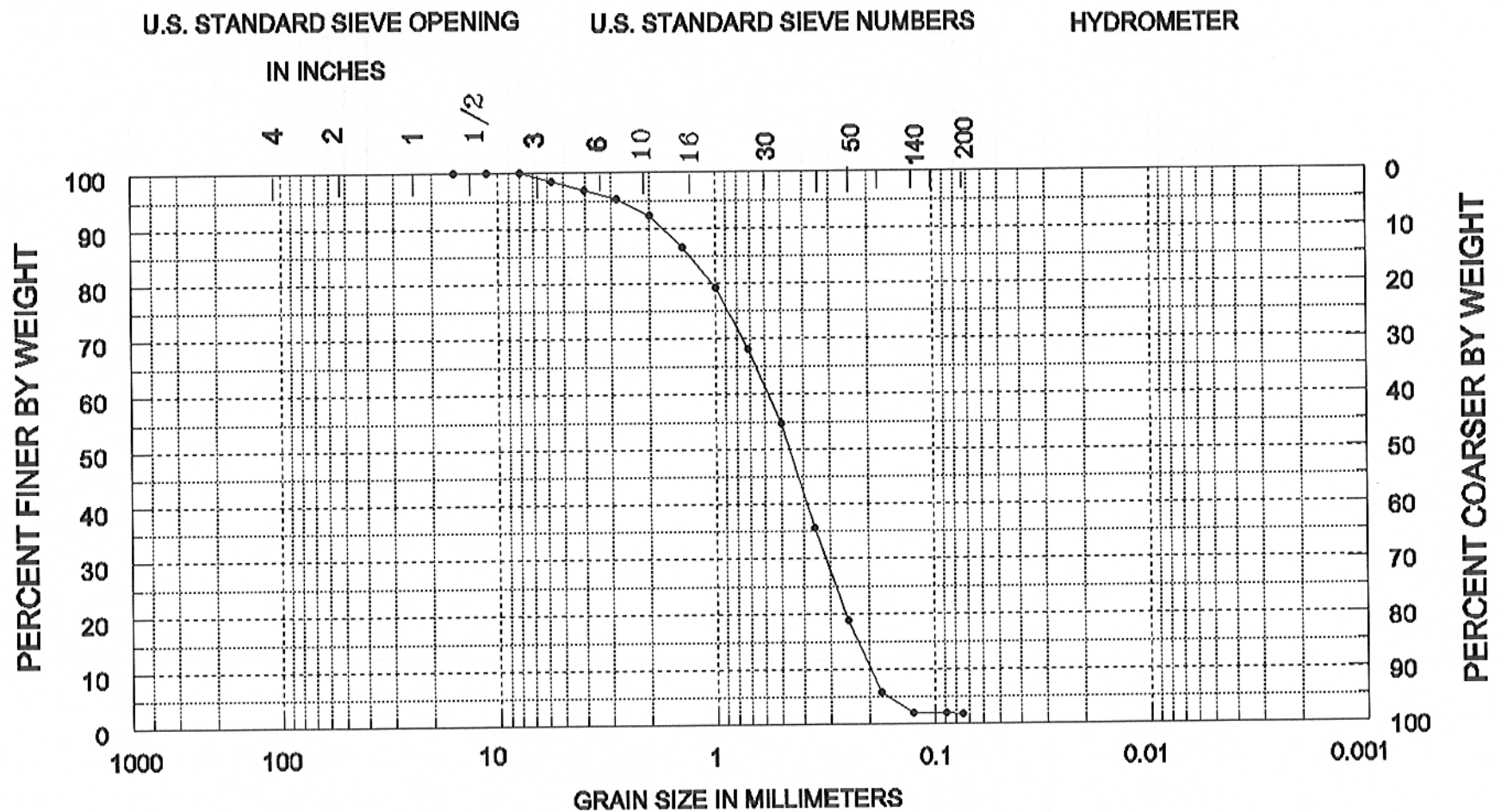


Sediment Analysis Data Sheet

Sample IR-S-24-8.0

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	0.34	1.57	1.57	5%	-1.46 2.75
5	4.00	-2.00	0.36	1.68	3.25	16%	-0.32 1.25
7	2.83	-1.50	0.32	1.50	4.75	25%	0.19 0.88
10	2.00	-1.00	0.63	2.95	7.70	50%	1.12 0.46
14	1.41	-0.50	1.21	5.67	13.37	75%	1.82 0.28
18	1.00	0.00	1.59	7.42	20.79	84%	2.11 0.23
25	0.71	0.50	2.36	11.02	31.81	95%	2.60 0.16
35	0.50	1.00	2.91	13.59	45.40		
45	0.35	1.50	4.04	18.88	64.28	Med.	1.12 0.46
60	0.25	2.00	3.61	16.88	81.16	Mean	0.81 0.57
80	0.18	2.50	2.79	13.06	94.23	St Dev.	1.22
120	0.13	3.00	0.80	3.75	97.97	Skew	-0.23
170	0.09	3.50	0.02	0.11	98.08	Kurt.	1.02
200	0.07	3.75	0.05	0.21	98.29		
Pan			0.00	0.01	98.30		
Total			21.02	98.30	98.30		
						Moment	Statistics
							Phi mm
Cu =	2.90		Gravel	2	%	Mean	1.09 0.47
			Coarse Sand	5	%	St. Dev.	1.28 0.41
			Med. Sand	47	%	Skewness	-0.93
Cc =	0.87		Fine Sand	43	%	Kurtosis	3.58

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

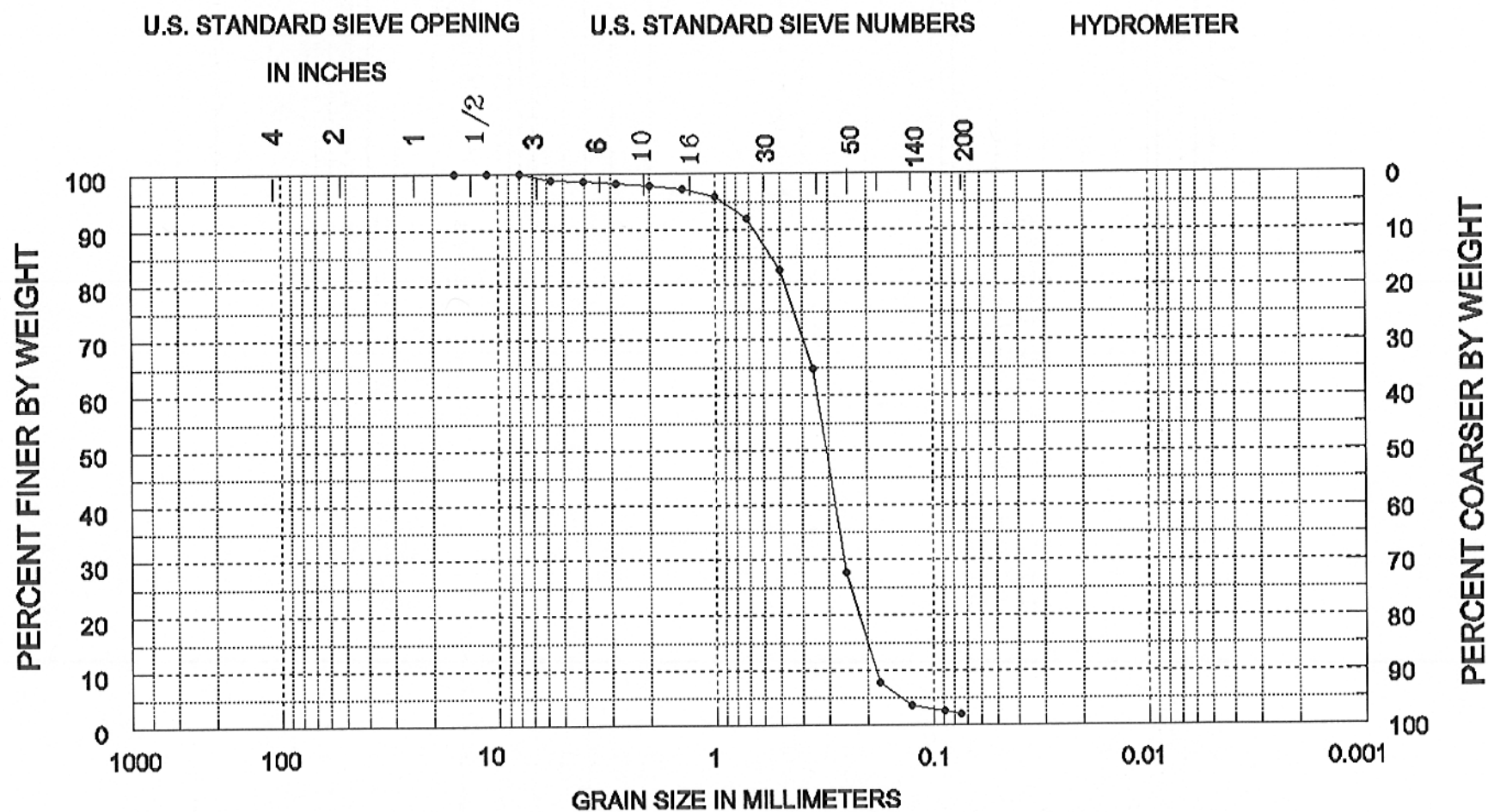
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-25.9	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-24
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-24-12.0

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	0.24	1.19	1.19	5% :	0.11 0.93
5	4.00	-2.00	0.06	0.28	1.47	16% :	0.92 0.53
7	2.83	-1.50	0.06	0.30	1.77	25% :	1.21 0.43
10	2.00	-1.00	0.08	0.38	2.14	50% :	1.70 0.31
14	1.41	-0.50	0.11	0.53	2.68	75% :	2.07 0.24
18	1.00	0.00	0.29	1.44	4.11	84% :	2.29 0.20
25	0.71	0.50	0.82	4.02	8.14	95% :	2.84 0.14
35	0.50	1.00	1.90	9.29	17.42		
45	0.35	1.50	3.66	17.87	35.29	Med.	1.70 0.31
60	0.25	2.00	7.59	37.04	72.33	Mean	1.57 0.34
80	0.18	2.50	4.07	19.86	92.19	St Dev.	0.76
120	0.13	3.00	0.85	4.16	96.35	Skew	-0.15
170	0.09	3.50	0.21	1.01	97.36	Kurt.	1.31
200	0.07	3.75	0.15	0.74	98.10		
Pan			0.00	0.00	98.10		
Total			20.09	98.10	98.10		
						Moment	Statistics
							Phi mm
Cu =	1.84		Gravel		1 %	Mean	1.79 0.29
			Coarse	Sand	1 %	St. Dev.	0.91 0.53
			Med.	Sand	24 %	Skewness	-2.11
Cc =	1.05		Fine	Sand	72 %	Kurtosis	10.87

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
12.0	-29.9	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-24
			DATE June,1999