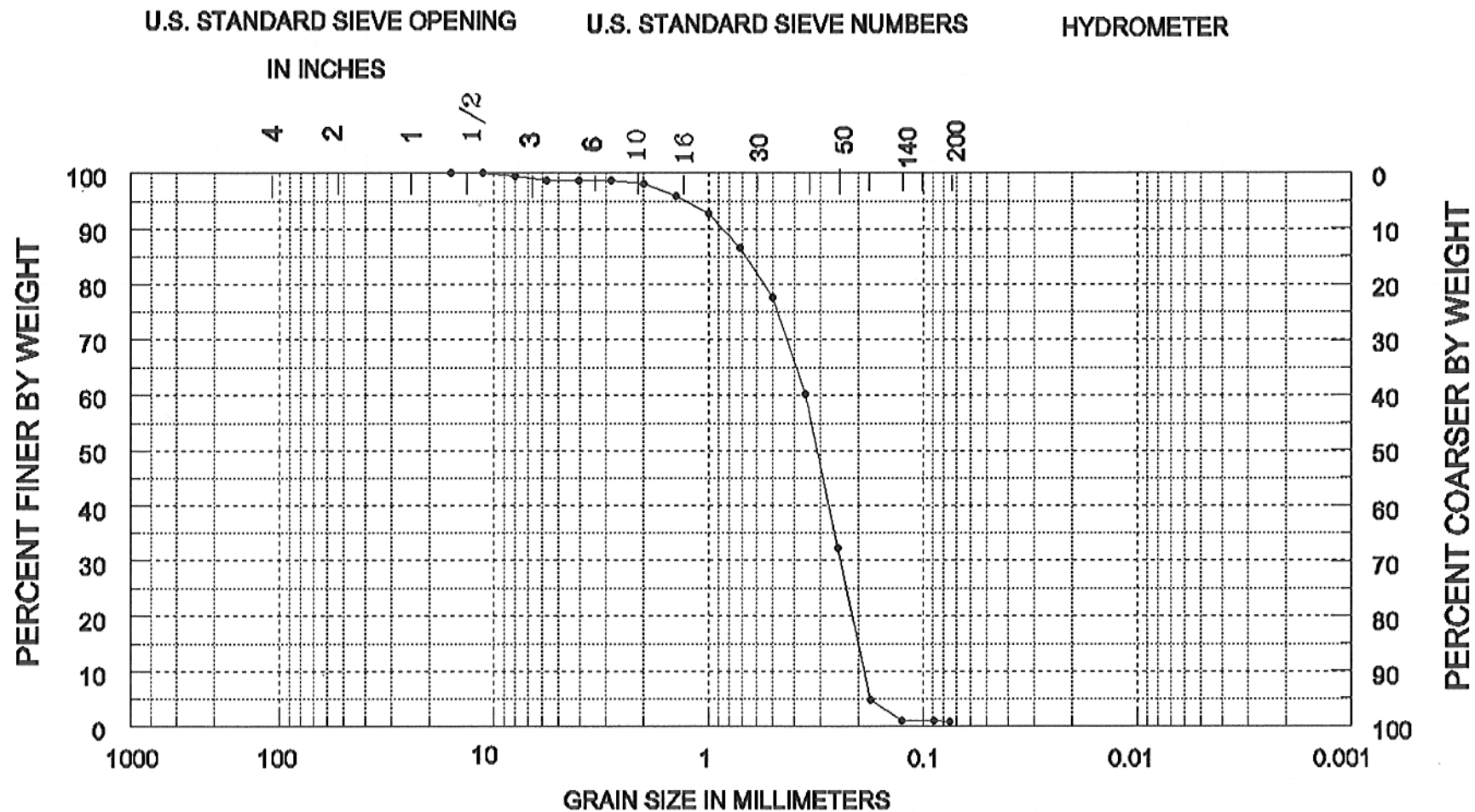


Sediment Analysis Data Sheet

Sample IR-S-16-0.5

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	0.11	0.54	0.54		
	5.66	-2.50	0.17	0.85	1.38	5% :	-0.36 1.28
5	4.00	-2.00	0.00	0.00	1.38	16% :	0.64 0.64
7	2.83	-1.50	0.02	0.10	1.48	25% :	1.07 0.48
10	2.00	-1.00	0.11	0.56	2.04	50% :	1.68 0.31
14	1.41	-0.50	0.41	2.06	4.09	75% :	2.13 0.23
18	1.00	0.00	0.63	3.21	7.30	84% :	2.30 0.20
25	0.71	0.50	1.23	6.22	13.52	95% :	2.50 0.18
35	0.50	1.00	1.76	8.92	22.44		
45	0.35	1.50	3.42	17.34	39.77	Med.	1.68 0.31
60	0.25	2.00	5.52	27.94	67.72	Mean	1.35 0.39
80	0.18	2.50	5.42	27.47	95.19	St Dev.	0.85
120	0.13	3.00	0.75	3.79	98.98	Skew	-0.34
170	0.09	3.50	0.02	0.10	99.08	Kurt.	1.11
200	0.07	3.75	0.02	0.12	99.20		
Pan			0.00	0.00	99.20		
Total			19.58	99.20	99.20		
						Moment	Statistics
							Phi mm
Cu =	1.87		Gravel		1 %	Mean	1.70 0.31
			Coarse	Sand	1 %	St. Dev.	1.00 0.50
			Med.	Sand	29 %	Skewness	-1.95
Cc =	0.89		Fine	Sand	68 %	Kurtosis	8.61

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

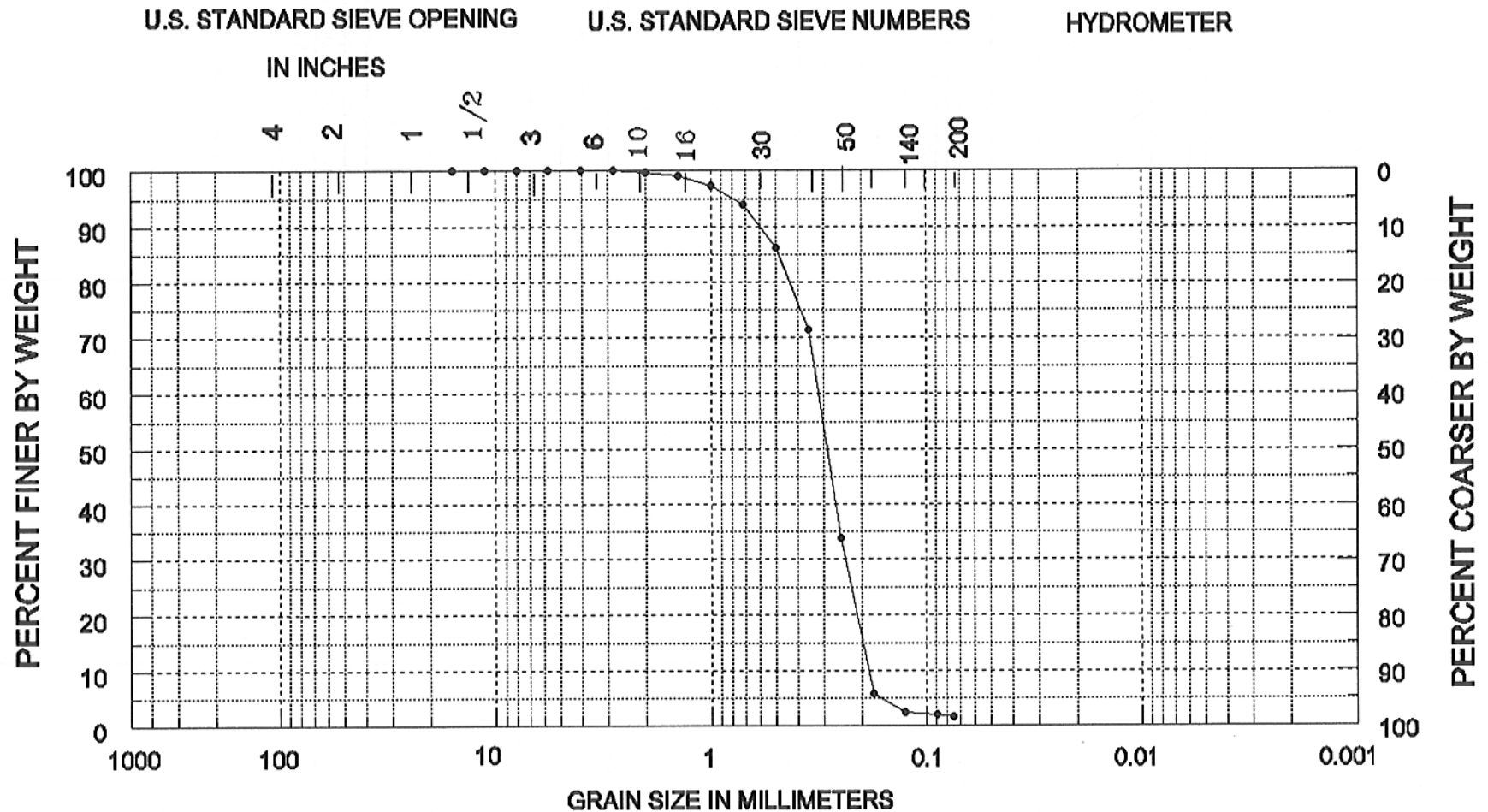
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-21.9	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-16
			DATE June,1999

Sediment Analysis Data Sheet

Sample IR-S-16-4.0

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% :	0.34 0.79
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.07 0.48
7	2.83	-1.50	0.01	0.04	0.04	25% :	1.38 0.38
10	2.00	-1.00	0.09	0.44	0.48	50% :	1.79 0.29
14	1.41	-0.50	0.12	0.61	1.09	75% :	2.16 0.22
18	1.00	0.00	0.32	1.62	2.71	84% :	2.32 0.20
25	0.71	0.50	0.67	3.35	6.06	95% :	2.60 0.16
35	0.50	1.00	1.56	7.81	13.87		
45	0.35	1.50	2.94	14.72	28.59	Med.	1.79 0.29
60	0.25	2.00	7.50	37.49	66.08	Mean	1.62 0.32
80	0.18	2.50	5.65	28.25	94.33	St Dev.	0.65
120	0.13	3.00	0.65	3.26	97.59	Skew	-0.21
170	0.09	3.50	0.08	0.38	97.96	Kurt.	1.19
200	0.07	3.75	0.08	0.41	98.37		
Pan			0.01	0.03	98.40		
Total			19.67	98.40	98.40		
						Moment	Statistics
							Phi mm
Cu =	1.71		Gravel		0 %	Mean	1.92 0.26
			Coarse	Sand	0 %	St. Dev.	0.69 0.62
			Med.	Sand	21 %	Skewness	-1.28
Cc =	0.96		Fine	Sand	77 %	Kurtosis	6.14

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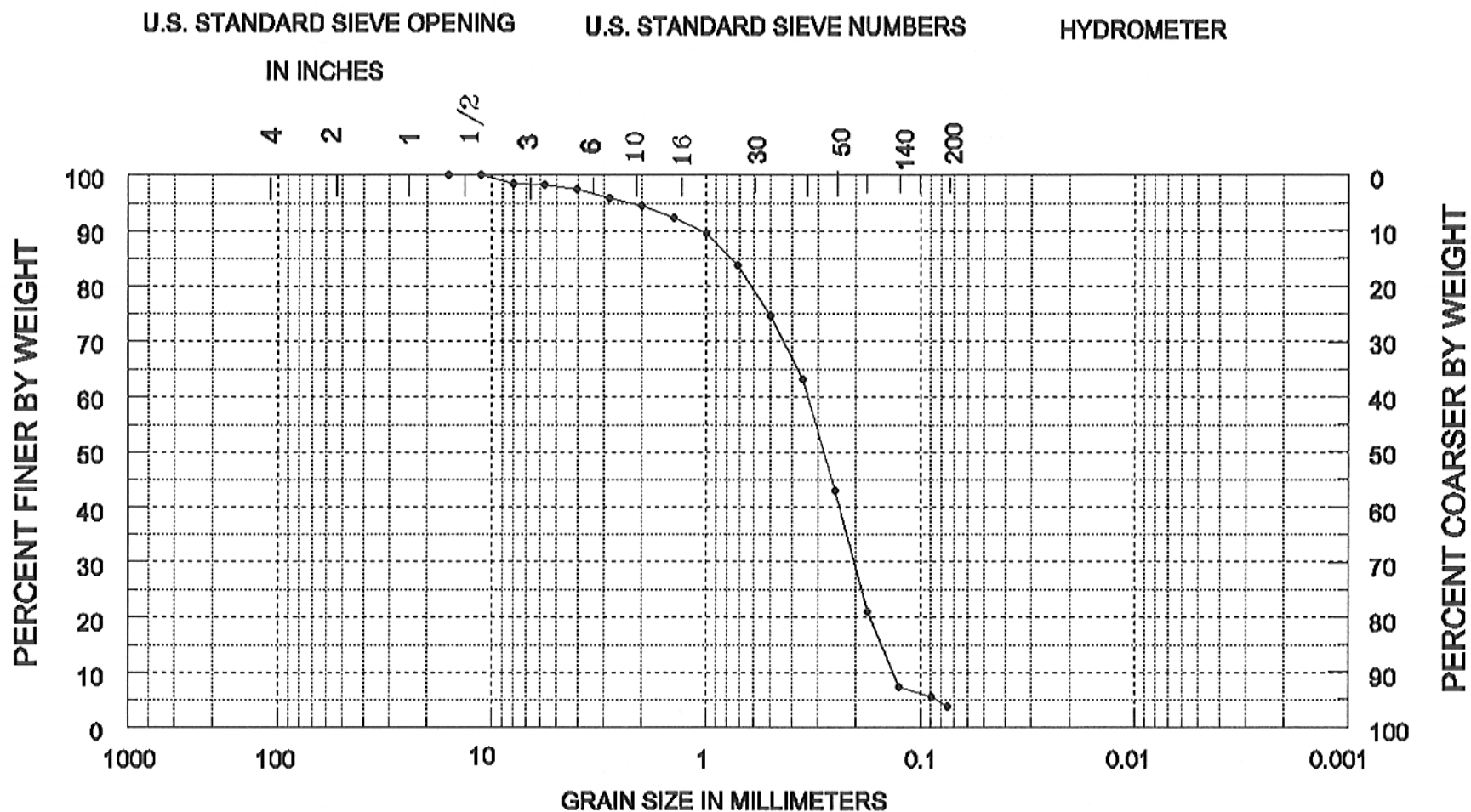
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-25.4	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-16
			DATE June,1999

Sediment Analysis Data Sheet

Sample IR-S-16-8.0

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	0.35	1.57	1.57		
	5.66	-2.50	0.07	0.29	1.86	5% :	-1.19 2.28
5	4.00	-2.00	0.17	0.74	2.60	16% :	0.47 0.72
7	2.83	-1.50	0.35	1.57	4.17	25% :	0.98 0.51
10	2.00	-1.00	0.30	1.34	5.51	50% :	1.83 0.28
14	1.41	-0.50	0.47	2.11	7.63	75% :	2.41 0.19
18	1.00	0.00	0.65	2.90	10.53	84% :	2.68 0.16
25	0.71	0.50	1.29	5.76	16.29	95% :	3.38 0.10
35	0.50	1.00	2.04	9.11	25.40		
45	0.35	1.50	2.55	11.39	36.79	Med.	1.83 0.28
60	0.25	2.00	4.54	20.28	57.07	Mean	1.44 0.37
80	0.18	2.50	4.90	21.89	78.97	St Dev.	1.25
120	0.13	3.00	3.08	13.75	92.72	Skew	-0.27
170	0.09	3.50	0.40	1.80	94.51	Kurt.	1.31
200	0.07	3.75	0.40	1.80	96.32		
Pan			0.02	0.08	96.40		
Total			21.57	96.40	96.40		
						Moment	Statistics
							Phi mm
Cu =	2.50		Gravel		2 %	Mean	1.71 0.31
			Coarse Sand		3 %	St. Dev.	1.34 0.40
			Med. Sand		26 %	Skewness	-1.54
Cc =	0.93		Fine Sand		65 %	Kurtosis	5.78

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-29.4	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-16
			DATE June, 1999