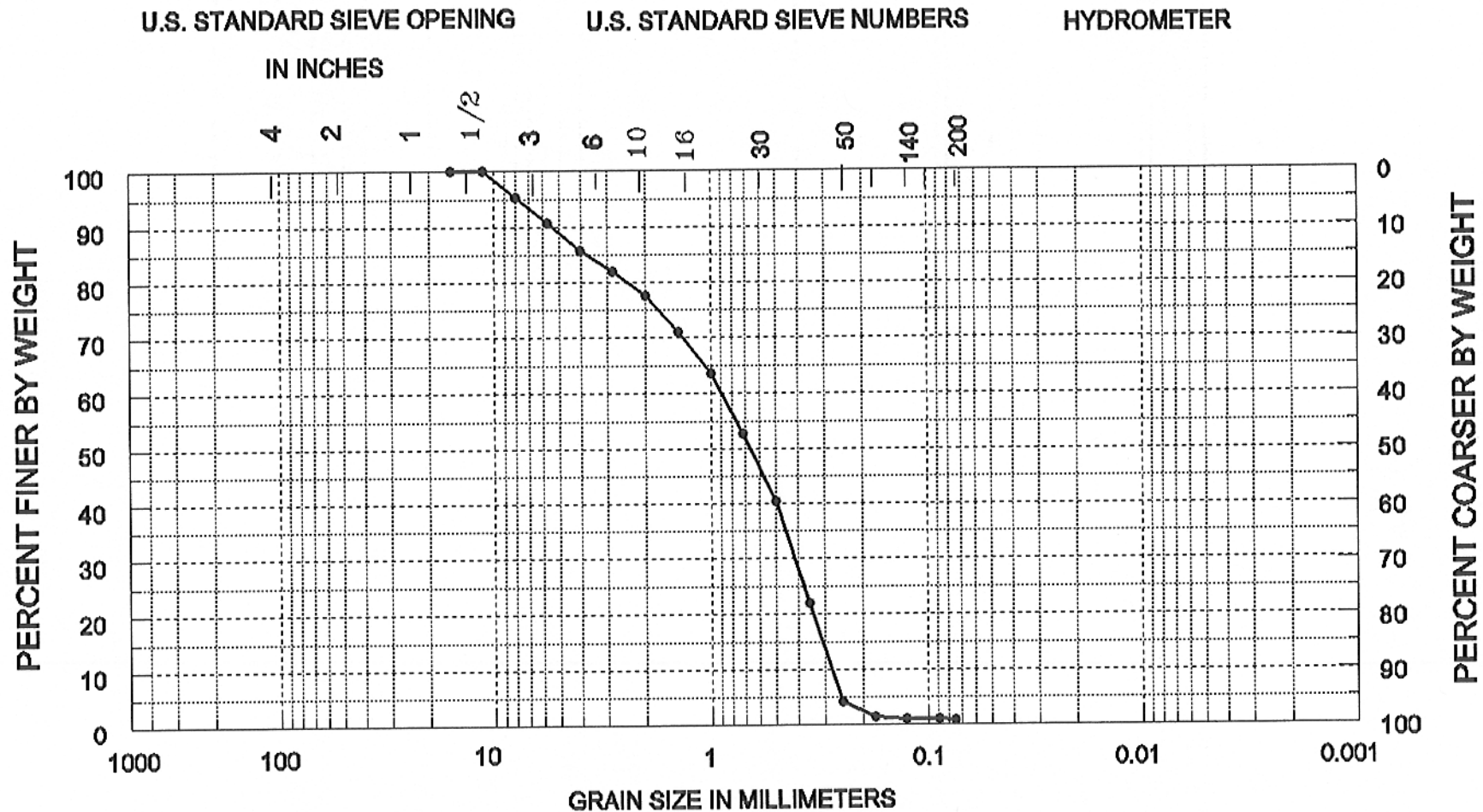


Sediment Analysis Data Sheet

Sample IR-C-10-0.5

Sieve	Size (mm)	Phi size	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	0.97	4.77	4.77	
	5.66	-2.50	0.93	4.61	9.38	5% : -2.98 7.86
5	4.00	-2.00	0.98	4.84	14.22	16% : -1.76 3.39
7	2.83	-1.50	0.75	3.71	17.93	25% : -0.79 1.73
10	2.00	-1.00	0.88	4.35	22.28	50% : 0.61 0.66
14	1.41	-0.50	1.34	6.62	28.90	75% : 1.42 0.37
18	1.00	0.00	1.52	7.49	36.40	84% : 1.67 0.31
25	0.71	0.50	2.23	10.98	47.38	95% : 1.97 0.25
35	0.50	1.00	2.46	12.13	59.51	
45	0.35	1.50	3.74	18.43	77.93	Med. 0.61 0.66
60	0.25	2.00	3.65	18.00	95.93	Mean -0.10 1.07
80	0.18	2.50	0.56	2.78	98.71	St Dev. 1.61
120	0.13	3.00	0.06	0.29	99.00	Skew -0.41
170	0.09	3.50	0.02	0.10	99.10	Kurt. 0.92
200	0.07	3.75	0.01	0.05	99.15	
Pan			0.01	0.05	99.20	
Total			20.11	99.20	99.20	
					Moment	Statistics
						Phi mm
Cu =	3.18		Gravel	12	%	Mean 0.41 0.75
			Coarse Sand	10	%	St. Dev. 1.55 0.34
			Med. Sand	46	%	Skewness -0.76
Cc =	0.67		Fine Sand	30	%	Kurtosis 2.50

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

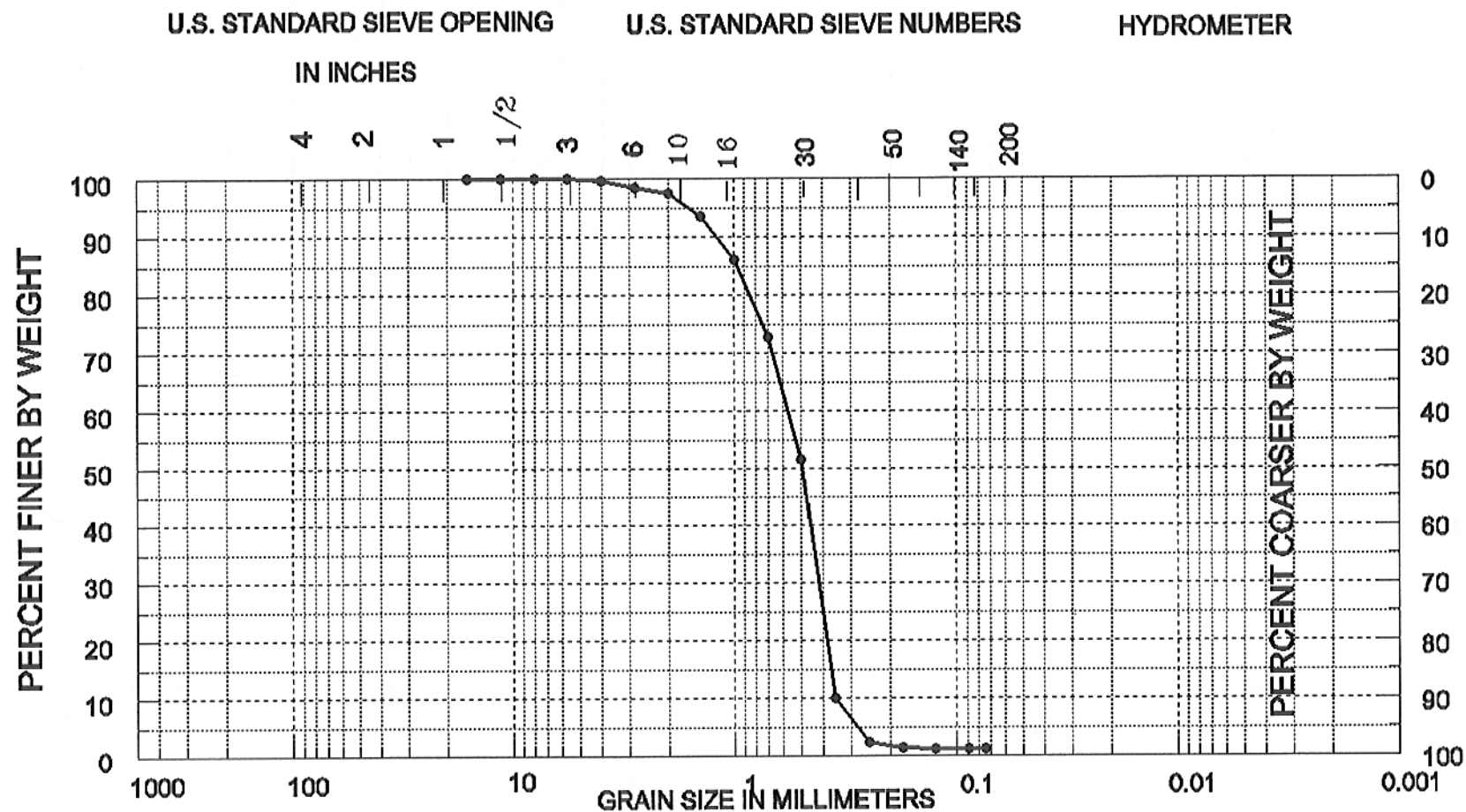
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-24.1	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-10
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-10-4.0

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% :	-0.70 1.62
5	4.00	-2.00	0.06	0.40	0.40	16% :	0.08 0.95
7	2.83	-1.50	0.16	1.18	1.58	25% :	0.42 0.75
10	2.00	-1.00	0.14	1.03	2.61	50% :	1.02 0.49
14	1.41	-0.50	0.55	3.94	6.56	75% :	1.32 0.40
18	1.00	0.00	1.01	7.32	13.87	84% :	1.43 0.37
25	0.71	0.50	1.86	13.40	27.27	95% :	1.83 0.28
35	0.50	1.00	2.93	21.17	48.44		
45	0.35	1.50	5.75	41.55	89.98	Med.	1.02 0.49
60	0.25	2.00	1.06	7.68	97.66	Mean	0.73 0.60
80	0.18	2.50	0.12	0.88	98.54	St Dev.	0.72
120	0.13	3.00	0.05	0.36	98.90	Skew	-0.38
170	0.09	3.50	0.00	0.00	98.90	Kurt.	1.14
200	0.07	3.75	0.00	0.00	98.90		
Pan			0.00	0.00	98.90		
Total			13.70	98.90	98.90		
						Moment	Statistics
							Phi mm
Cu =	1.63		Gravel		0 %	Mean	1.04 0.48
			Coarse Sand		2 %	St. Dev.	0.75 0.59
			Med. Sand		67 %	Skewness	-1.15
Cc =	0.86		Fine Sand		30 %	Kurtosis	4.79

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

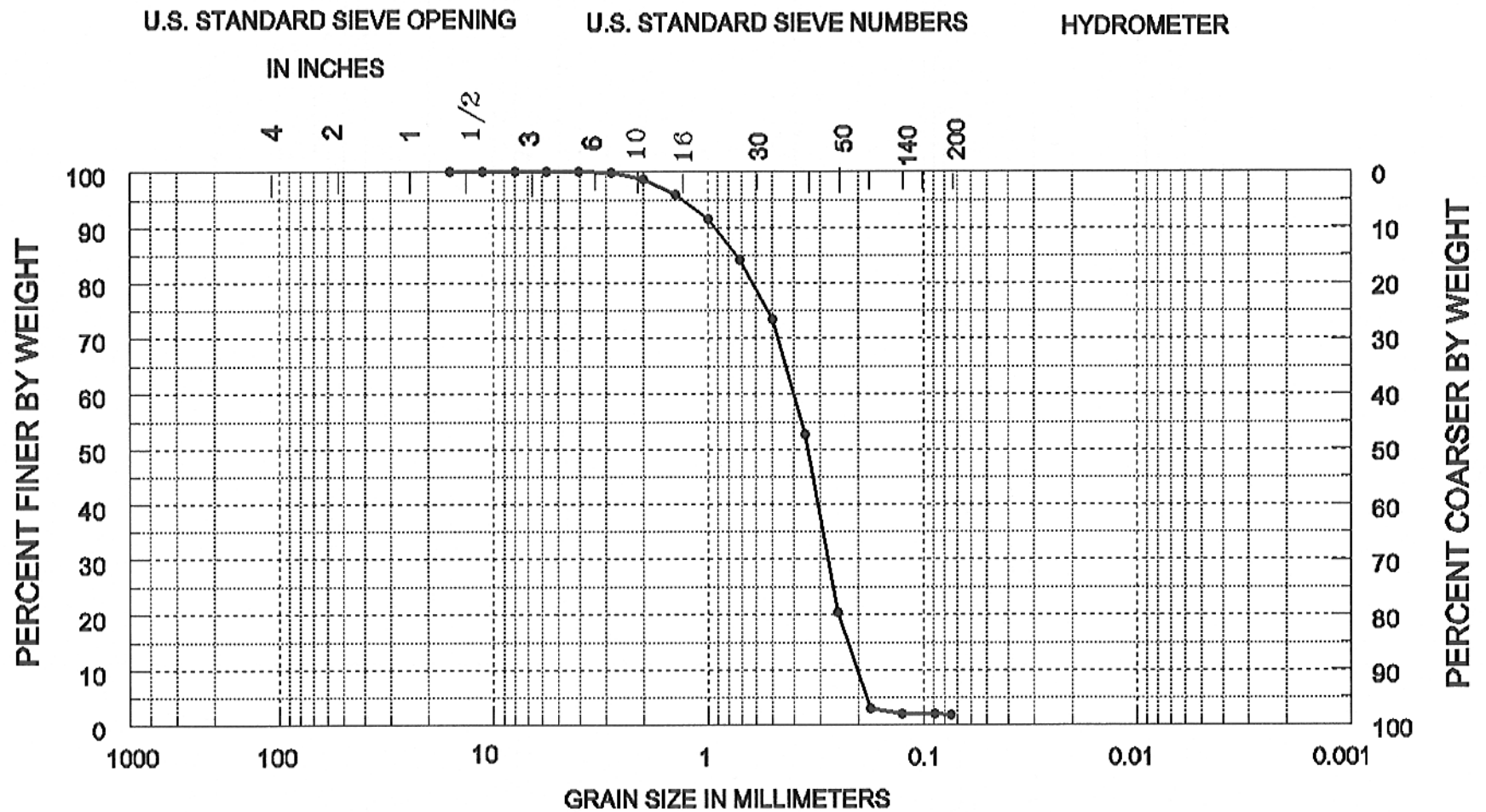
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-27.6	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-10
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-10-8.0

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	0.00	0.00	0.00	5% :	-0.41 1.33
5	4.00	-2.00	0.00	0.00	0.00	16% :	0.51 0.70
7	2.83	-1.50	0.05	0.25	0.25	25% :	0.93 0.53
10	2.00	-1.00	0.23	1.16	1.41	50% :	1.54 0.34
14	1.41	-0.50	0.56	2.84	4.25	75% :	1.93 0.26
18	1.00	0.00	0.82	4.20	8.45	84% :	2.13 0.23
25	0.71	0.50	1.44	7.34	15.79	95% :	2.44 0.18
35	0.50	1.00	2.13	10.84	26.62		
45	0.35	1.50	4.06	20.68	47.30	Med.	1.54 0.34
60	0.25	2.00	6.34	32.34	79.64	Mean	1.24 0.42
80	0.18	2.50	3.41	17.41	97.05	St Dev.	0.84
120	0.13	3.00	0.19	0.95	98.00	Skew	-0.32
170	0.09	3.50	0.02	0.12	98.11	Kurt.	1.17
200	0.07	3.75	0.02	0.09	98.20		
Pan			0.00	0.00	98.20		
Total			19.26	98.20	98.20		
						Moment	Statistics
							Phi mm
Cu =	1.96		Gravel		0 %	Mean	1.57 0.34
			Coarse	Sand	1 %	St. Dev.	0.83 0.56
			Med.	Sand	36 %	Skewness	-1.03
Cc =	0.95		Fine	Sand	61 %	Kurtosis	3.85

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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	-31.6	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-10
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-10-14.0

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	0.07	0.37	0.37	5% :	-0.65 1.57
5	4.00	-2.00	0.00	0.00	0.37	16% :	0.67 0.63
7	2.83	-1.50	0.24	1.19	1.57	25% :	1.21 0.43
10	2.00	-1.00	0.28	1.43	3.00	50% :	1.92 0.26
14	1.41	-0.50	0.57	2.89	5.89	75% :	2.38 0.19
18	1.00	0.00	0.62	3.12	9.02	84% :	2.62 0.16
25	0.71	0.50	0.95	4.81	13.82	95% :	3.54 0.09
35	0.50	1.00	1.25	6.33	20.16		
45	0.35	1.50	2.32	11.72	31.88	Med.	1.92 0.26
60	0.25	2.00	4.28	21.64	53.52	Mean	1.62 0.33
80	0.18	2.50	5.52	27.90	81.42	St Dev.	1.12
120	0.13	3.00	2.15	10.87	92.29	Skew	-0.25
170	0.09	3.50	0.40	2.02	94.31	Kurt.	1.46
200	0.07	3.75	0.24	1.20	95.52		
Pan			0.06	0.28	95.80		
Total			18.94	95.80	95.80		
						Moment	Statistics
							Phi mm
Cu =	2.31		Gravel		0 %	Mean	1.86 0.27
			Coarse	Sand	3 %	St. Dev.	1.07 0.48
			Med.	Sand	23 %	Skewness	-1.23
Cc =	0.99		Fine	Sand	70 %	Kurtosis	4.62

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