

Sediment Analysis Data Sheet

Sample IR-S-5-0.5

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	0.24	1.19	1.19		
5	4.00	-2.00	0.94	4.74	5.93	5% :	-2.10 4.28
7	2.83	-1.50	0.72	3.63	9.56	16% :	-0.91 1.88
10	2.00	-1.00	0.92	4.67	14.23	25% :	-0.47 1.38
14	1.41	-0.50	1.98	10.00	24.23	50% :	0.57 0.67
18	1.00	0.00	2.22	11.23	35.46	75% :	1.30 0.41
25	0.71	0.50	2.49	12.60	48.07	84% :	1.50 0.35
35	0.50	1.00	2.58	13.03	61.10	95% :	1.92 0.26
45	0.35	1.50	4.57	23.12	84.22	Med.	0.57 0.67
60	0.25	2.00	2.52	12.73	96.95	Mean	0.20 0.87
80	0.18	2.50	0.49	2.49	99.44	St Dev.	1.21
120	0.13	3.00	0.03	0.16	99.60	Skew	-0.28
170	0.09	3.50	0.01	0.07	99.66	Kurt.	0.93
200	0.07	3.75	0.00	0.00	99.66		
Pan			0.01	0.04	99.70		
Total			19.71	99.70	99.70		
						Moment	Statistics
							Phi mm
Cu =	2.92	Gravel		4	%	Mean	0.53 0.69
		Coarse	Sand	11	%	St. Dev.	1.29 0.41
		Med.	Sand	58	%	Skewness	-0.70
Cc =	0.72	Fine	Sand	27	%	Kurtosis	2.61

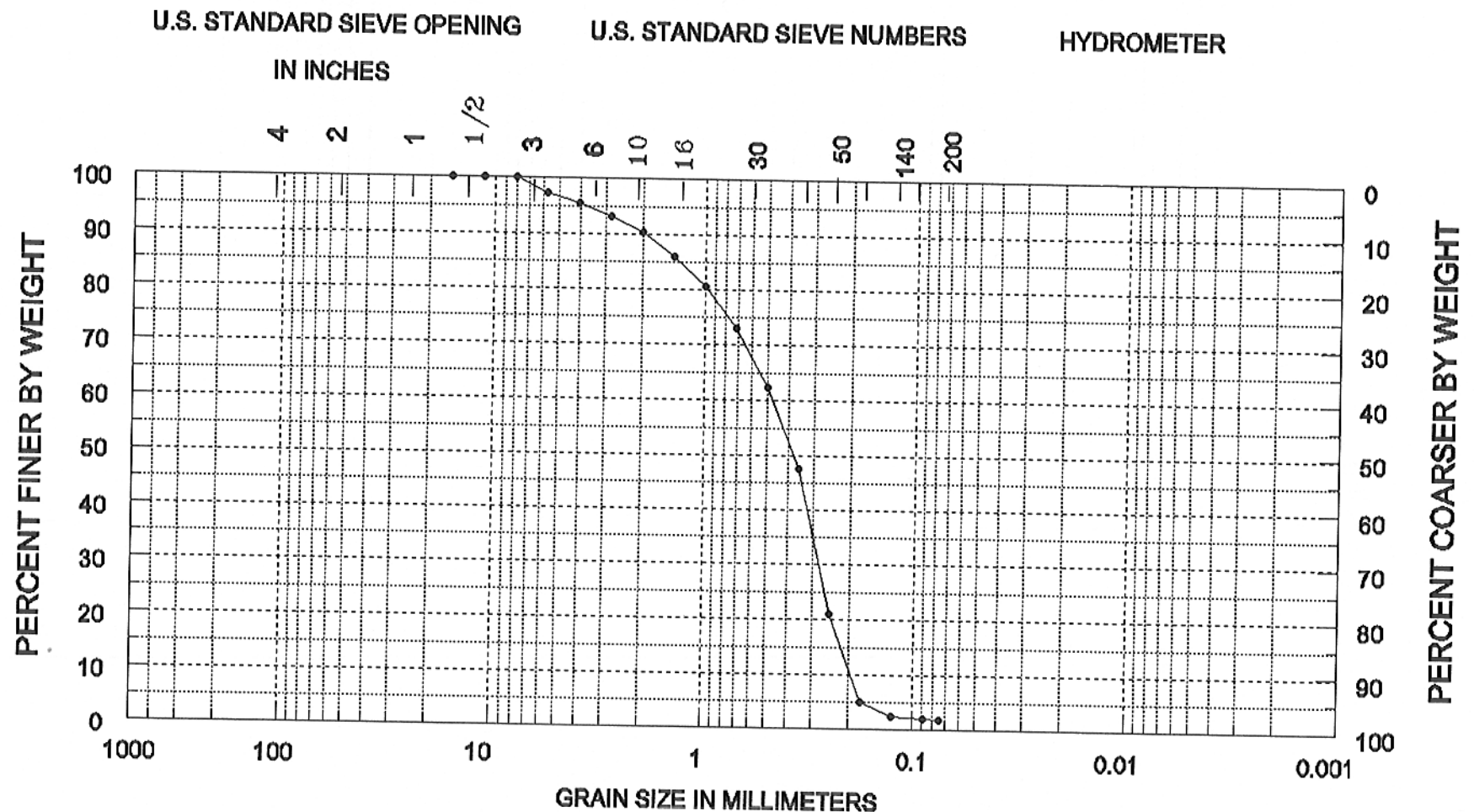
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Sediment Analysis Data Sheet

Sample IR-S-5-4.0

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	0.58	2.80	2.80	5%	-1.90 3.72
5	4.00	-2.00	0.35	1.70	4.50	16%	-0.31 1.24
7	2.83	-1.50	0.49	2.40	6.90	25%	0.38 0.77
10	2.00	-1.00	0.58	2.80	9.69	50%	1.42 0.37
14	1.41	-0.50	0.88	4.29	13.98	75%	1.92 0.26
18	1.00	0.00	1.10	5.36	19.34	84%	2.16 0.22
25	0.71	0.50	1.55	7.52	26.86	95%	2.50 0.18
35	0.50	1.00	2.22	10.77	37.63		
45	0.35	1.50	3.06	14.84	52.47	Med.	1.42 0.37
60	0.25	2.00	5.47	26.54	79.01	Mean	0.77 0.59
80	0.18	2.50	3.31	16.04	95.05	St Dev.	1.28
120	0.13	3.00	0.53	2.55	97.60	Skew	-0.45
170	0.09	3.50	0.07	0.33	97.94	Kurt.	1.16
200	0.07	3.75	0.05	0.22	98.16		
Pan			0.01	0.04	98.20		
Total			20.23	98.20	98.20		
						Moment	Statistics
							Phi mm
Cu =	2.40		Gravel	4	%	Mean	1.19 0.44
			Coarse Sand	6	%	St. Dev.	1.38 0.38
			Med. Sand	35	%	Skewness	-1.22
Cc =	0.85		Fine Sand	53	%	Kurtosis	3.87

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

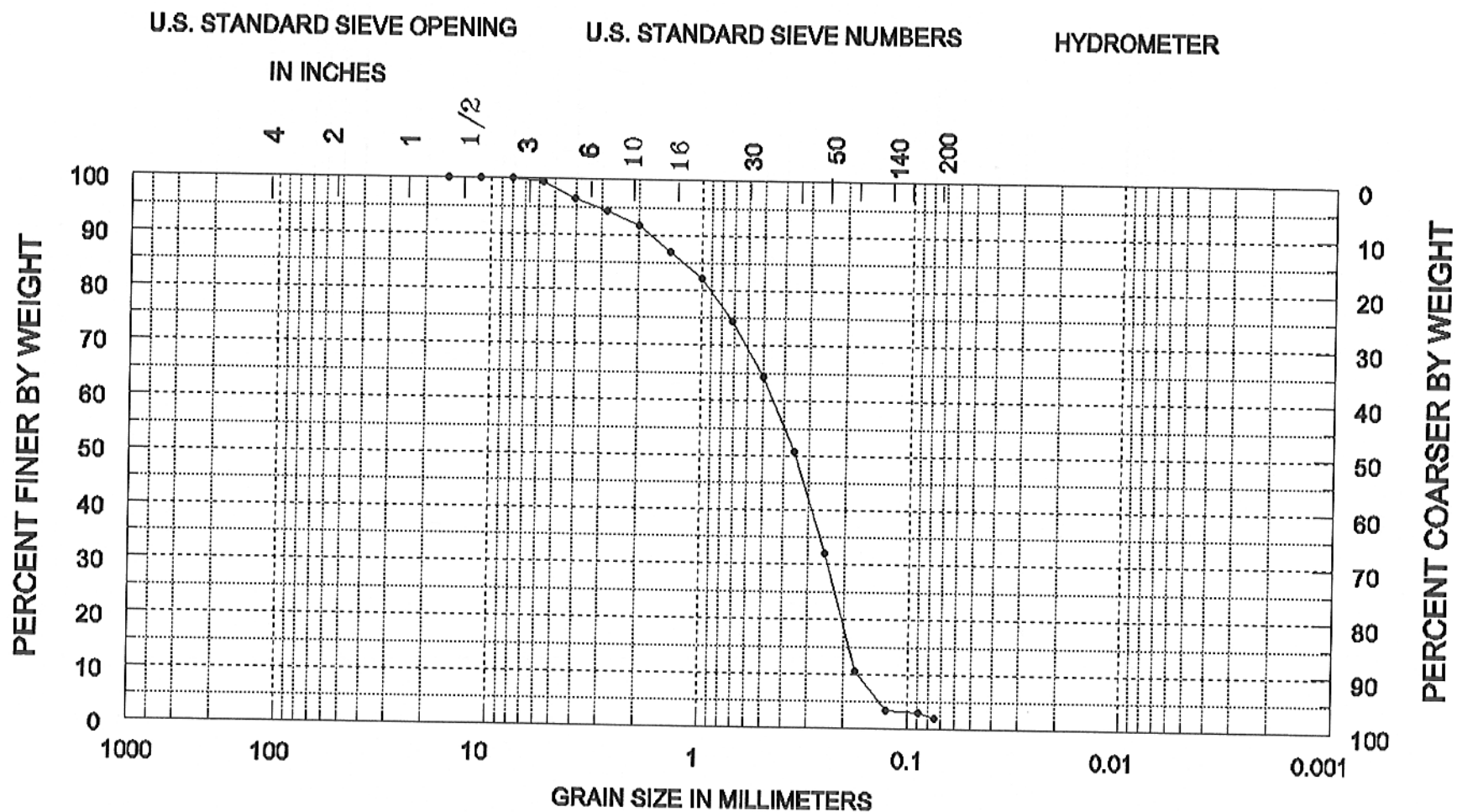
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-26.6	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-5
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-5-8.0

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	0.11	0.55	0.55	5%	-1.68 3.19
5	4.00	-2.00	0.60	3.03	3.58	16%	-0.18 1.14
7	2.83	-1.50	0.44	2.19	5.77	25%	0.47 0.72
10	2.00	-1.00	0.49	2.47	8.24	50%	1.52 0.35
14	1.41	-0.50	0.95	4.74	12.98	75%	2.16 0.22
18	1.00	0.00	0.95	4.78	17.77	84%	2.37 0.19
25	0.71	0.50	1.53	7.70	25.47	95%	2.88 0.14
35	0.50	1.00	2.04	10.22	35.69		
45	0.35	1.50	2.71	13.60	49.29	Med.	1.52 0.35
60	0.25	2.00	3.70	18.59	67.87	Mean	0.98 0.51
80	0.18	2.50	4.31	21.66	89.53	St Dev.	1.33
120	0.13	3.00	1.42	7.11	96.64	Skew	-0.37
170	0.09	3.50	0.09	0.44	97.08	Kurt.	1.10
200	0.07	3.75	0.18	0.92	98.00		
Pan			0.00	0.00	98.00		
Total			19.52	98.00	98.00		
						Moment	Statistics
							Phi mm
Cu =	2.59	Gravel		2	%	Mean	1.36 0.39
		Coarse Sand		6	%	St. Dev.	1.38 0.38
		Med. Sand		34	%	Skewness	-1.04
Cc =	0.75	Fine Sand		56	%	Kurtosis	3.49

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

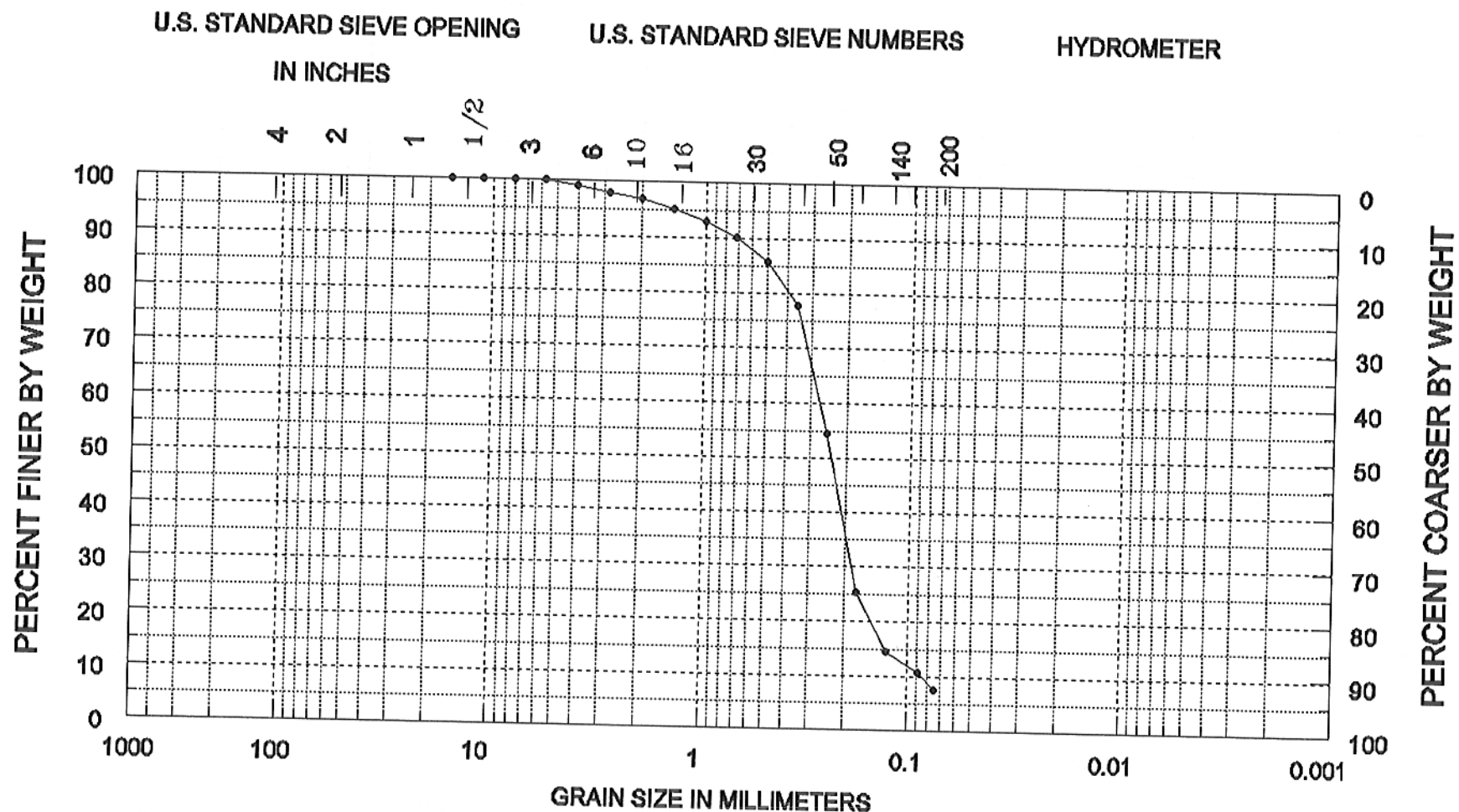
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-30.6	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-5
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-5-12.0

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	0.00	0.00	0.00	5% :	-0.50 1.42
5	4.00	-2.00	0.23	0.93	0.93	16% :	1.11 0.46
7	2.83	-1.50	0.31	1.25	2.18	25% :	1.56 0.34
10	2.00	-1.00	0.25	1.01	3.19	50% :	2.08 0.24
14	1.41	-0.50	0.45	1.83	5.02	75% :	2.51 0.18
18	1.00	0.00	0.52	2.08	7.09	84% :	2.93 0.13
25	0.71	0.50	0.69	2.79	9.88	95% :	3.80 0.07
35	0.50	1.00	1.11	4.46	14.34		
45	0.35	1.50	1.93	7.78	22.12	Med.	2.08 0.24
60	0.25	2.00	5.82	23.44	45.56	Mean	1.88 0.27
80	0.18	2.50	7.24	29.16	74.72	St Dev.	1.11
120	0.13	3.00	2.70	10.89	85.61	Skew	-0.13
170	0.09	3.50	0.93	3.74	89.34	Kurt.	1.85
200	0.07	3.75	0.77	3.12	92.46		
Pan			0.06	0.24	92.70		
Total			23.00	92.70	92.70		
						Moment	Statistics
							Phi mm
Cu =	2.78		Gravel		0 %	Mean	2.03 0.25
			Coarse Sand		3 %	St. Dev.	1.12 0.46
			Med. Sand		15 %	Skewness	-1.60
Cc =	1.32		Fine Sand		74 %	Kurtosis	6.23

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
12.0	-32.6	Fine sand (SP)	Indian River County-ATM
			AREA Indian River County
			BORING NO. IR-S-5
			DATE June, 1999