

# Sediment Analysis Data Sheet

Sample IR-S-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	0.27	1.26	1.26			
	5.66	-2.50	0.06	0.26	1.52	5% :	-1.50	2.83
5	4.00	-2.00	0.24	1.12	2.64	16% :	-0.42	1.34
7	2.83	-1.50	0.51	2.36	5.01	25% :	0.11	0.93
10	2.00	-1.00	0.60	2.78	7.79	50% :	1.07	0.48
14	1.41	-0.50	1.50	6.91	14.70	75% :	1.57	0.34
18	1.00	0.00	1.72	7.93	22.63	84% :	1.76	0.29
25	0.71	0.50	2.29	10.57	33.20	95% :	2.05	0.24
35	0.50	1.00	2.86	13.19	46.40			
45	0.35	1.50	5.57	25.67	72.06	Med.	1.07	0.48
60	0.25	2.00	4.89	22.53	94.59	Mean	0.59	0.66
80	0.18	2.50	0.86	3.95	98.53	St Dev.	1.08	
120	0.13	3.00	0.10	0.44	98.97	Skew	-0.41	
170	0.09	3.50	0.00	0.00	98.97	Kurt.	1.00	
200	0.07	3.75	0.07	0.33	99.30			
Pan			0.00	0.00	99.30			
Total			21.55	99.30	99.30			
						Moment	Statistics	
							Phi	mm
Cu =	2.20	Gravel		2	%	Mean	0.95	0.52
		Coarse	Sand	6	%	St. Dev.	1.20	0.43
		Med.	Sand	51	%	Skewness	-1.19	
Cc =	0.83	Fine	Sand	40	%	Kurtosis	4.29	

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# Sediment Analysis Data Sheet

Sample IR-S-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	0.26	1.27	1.27	5% :	-1.33 2.51
5	4.00	-2.00	0.34	1.64	2.91	16% :	-0.13 1.10
7	2.83	-1.50	0.27	1.32	4.23	25% :	0.31 0.81
10	2.00	-1.00	0.47	2.27	6.49	50% :	1.07 0.47
14	1.41	-0.50	0.87	4.25	10.75	75% :	1.56 0.34
18	1.00	0.00	1.46	7.13	17.87	84% :	1.74 0.30
25	0.71	0.50	2.38	11.60	29.48	95% :	1.97 0.26
35	0.50	1.00	3.42	16.64	46.12		
45	0.35	1.50	5.33	25.96	72.08	Med.	1.07 0.47
60	0.25	2.00	5.05	24.59	96.67	Mean	0.66 0.63
80	0.18	2.50	0.39	1.88	98.55	St Dev.	0.97
120	0.13	3.00	0.06	0.31	98.86	Skew	-0.37
170	0.09	3.50	0.04	0.18	99.04	Kurt.	1.08
200	0.07	3.75	0.01	0.06	99.10		
Pan			0.00	0.00	99.10		
Total			20.34	99.10	99.10		
						Moment	Statistics
							Phi mm
Cu =	2.07	Gravel		2	%	Mean	1.02 0.49
		Coarse Sand		4	%	St. Dev.	1.09 0.47
		Med. Sand		53	%	Skewness	-1.37
Cc =	0.85	Fine Sand		40	%	Kurtosis	4.89

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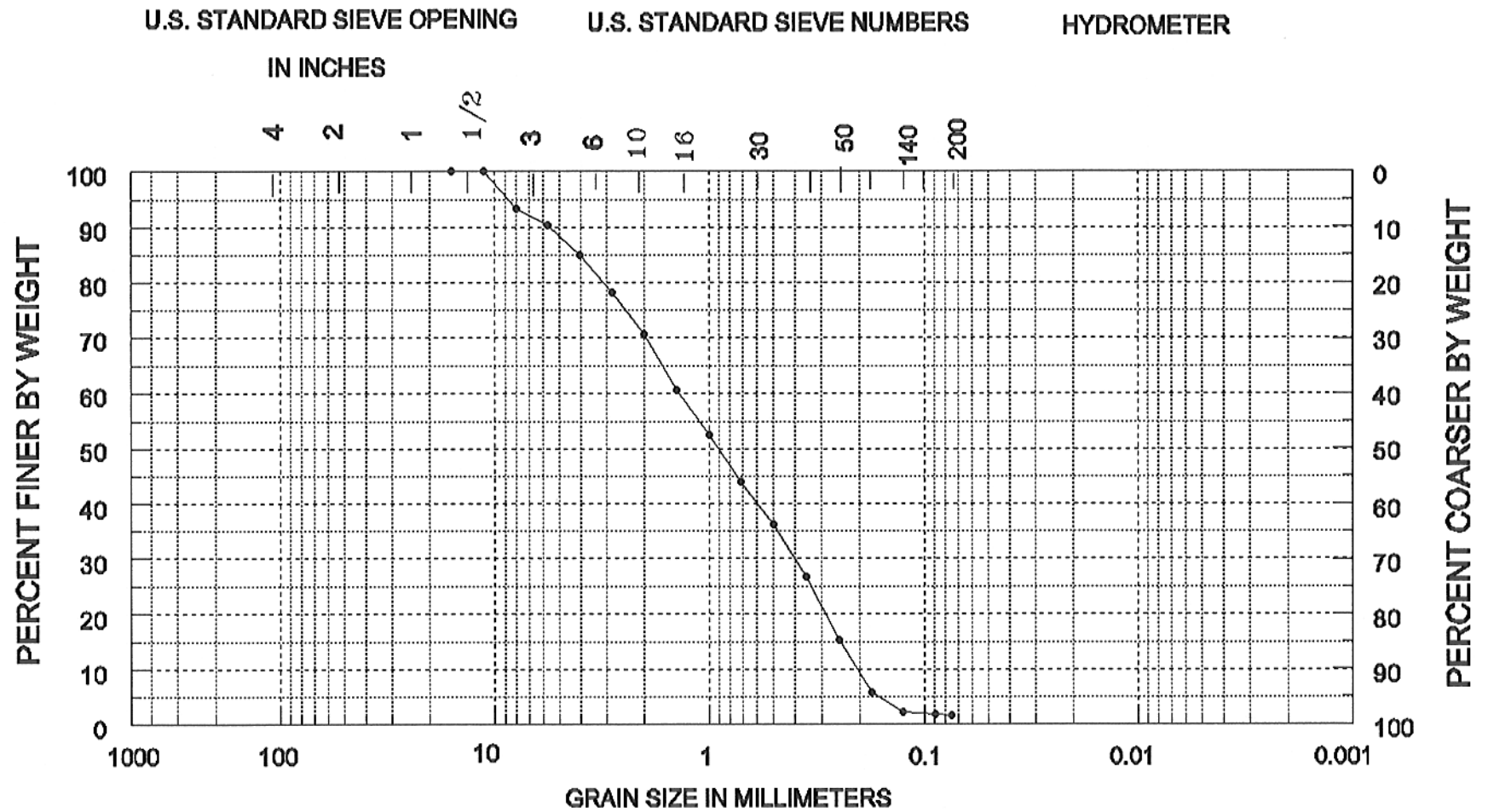


# Sediment Analysis Data Sheet

Sample IR-S-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	1.33	6.67	6.67		
	5.66	-2.50	0.61	3.06	9.73	5% :	-3.13 8.72
5	4.00	-2.00	1.05	5.23	14.96	16% :	-1.92 3.79
7	2.83	-1.50	1.35	6.76	21.72	25% :	-1.28 2.44
10	2.00	-1.00	1.52	7.59	29.31	50% :	0.15 0.90
14	1.41	-0.50	2.02	10.10	39.41	75% :	1.57 0.34
18	1.00	0.00	1.61	8.06	47.47	84% :	1.96 0.26
25	0.71	0.50	1.70	8.50	55.97	95% :	2.62 0.16
35	0.50	1.00	1.54	7.71	63.68		
45	0.35	1.50	1.93	9.67	73.35	Med.	0.15 0.90
60	0.25	2.00	2.30	11.49	84.84	Mean	-0.06 1.05
80	0.18	2.50	1.87	9.34	94.18	St Dev.	1.84
120	0.13	3.00	0.71	3.55	97.73	Skew	-0.10
170	0.09	3.50	0.09	0.43	98.16	Kurt.	0.82
200	0.07	3.75	0.06	0.29	98.45		
Pan			0.01	0.05	98.50		
Total			19.69	98.50	98.50		
						Moment	Statistics
							Phi mm
Cu =	6.68		Gravel		12 %	Mean	0.16 0.90
			Coarse Sand		17 %	St. Dev.	1.84 0.28
			Med. Sand		39 %	Skewness	-0.25
Cc =	0.56		Fine Sand		30 %	Kurtosis	1.95

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

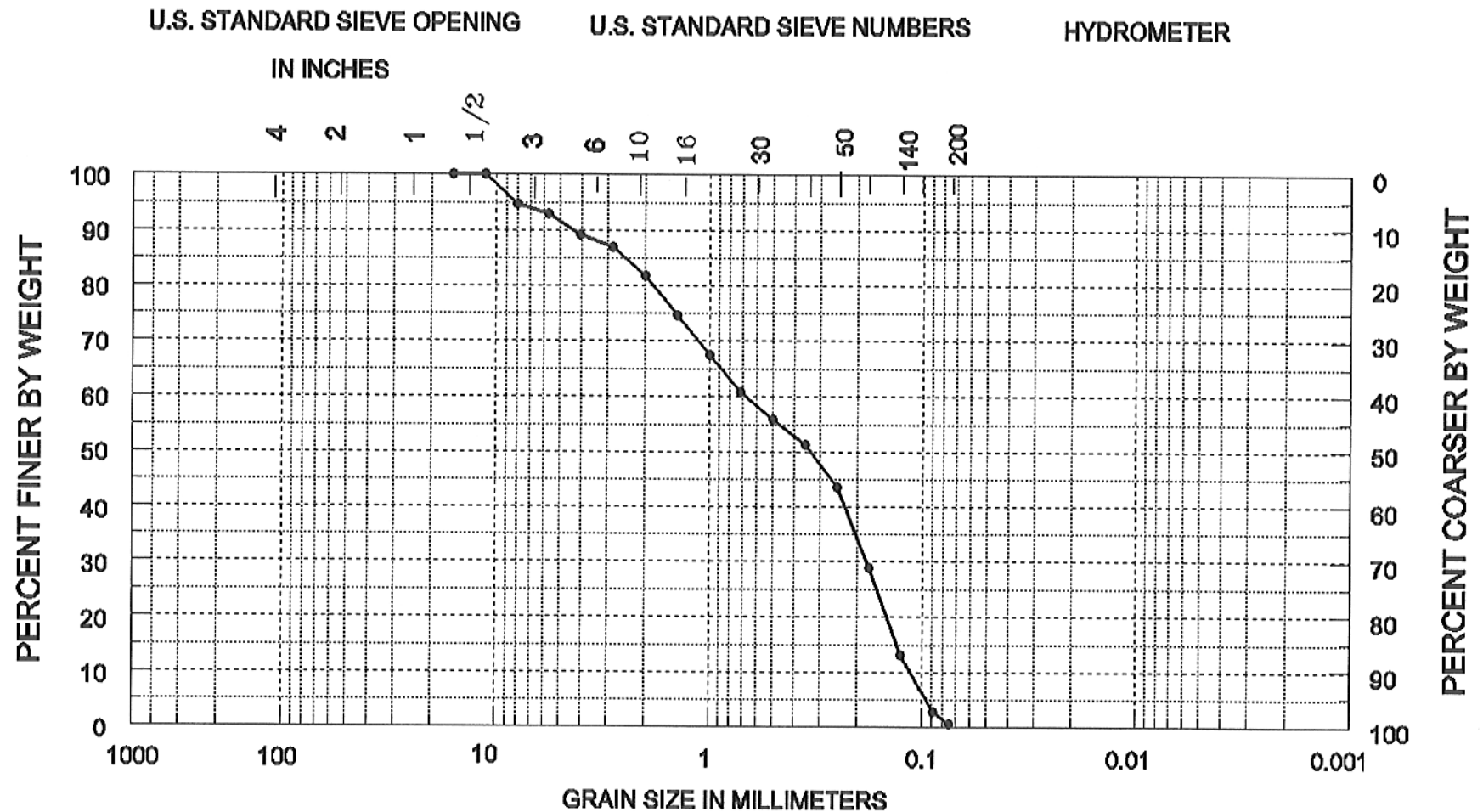
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-30.1	Medium to fine sand, well graded (SW)	AREA Indian River County
			BORING NO. IR-S-8
			DATE June, 1999

# Sediment Analysis Data Sheet

Sample IR-S-8-15.0

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	1.29	5.37	5.37		
	5.66	-2.50	0.42	1.73	7.10	5%	-3.03 8.19
5	4.00	-2.00	0.89	3.71	10.81	16%	-1.21 2.31
7	2.83	-1.50	0.52	2.18	12.99	25%	-0.53 1.44
10	2.00	-1.00	1.24	5.16	18.15	50%	1.58 0.33
14	1.41	-0.50	1.75	7.25	25.40	75%	2.62 0.16
18	1.00	0.00	1.69	7.02	32.42	84%	2.91 0.13
25	0.71	0.50	1.65	6.85	39.27	95%	3.40 0.09
35	0.50	1.00	1.16	4.82	44.09		
45	0.35	1.50	1.13	4.68	48.77	Med.	1.58 0.33
60	0.25	2.00	1.86	7.71	56.48	Mean	0.73 0.60
80	0.18	2.50	3.52	14.62	71.10	St Dev.	2.00
120	0.13	3.00	3.80	15.76	86.86	Skew	-0.39
170	0.09	3.50	2.47	10.28	97.14	Kurt.	0.84
200	0.07	3.75	0.57	2.36	99.50		
Pan			0.10	0.40	99.90		
Total			24.05	99.90	99.90		
						Moment	Statistics
							Phi mm
Cu =	5.97		Gravel	9	%	Mean	1.13 0.46
			Coarse Sand	9	%	St. Dev.	2.05 0.24
			Med. Sand	28	%	Skewness	-0.65
Cc =	0.44		Fine Sand	53	%	Kurtosis	2.25

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
15.0	-37.1	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-8
			DATE June,1999