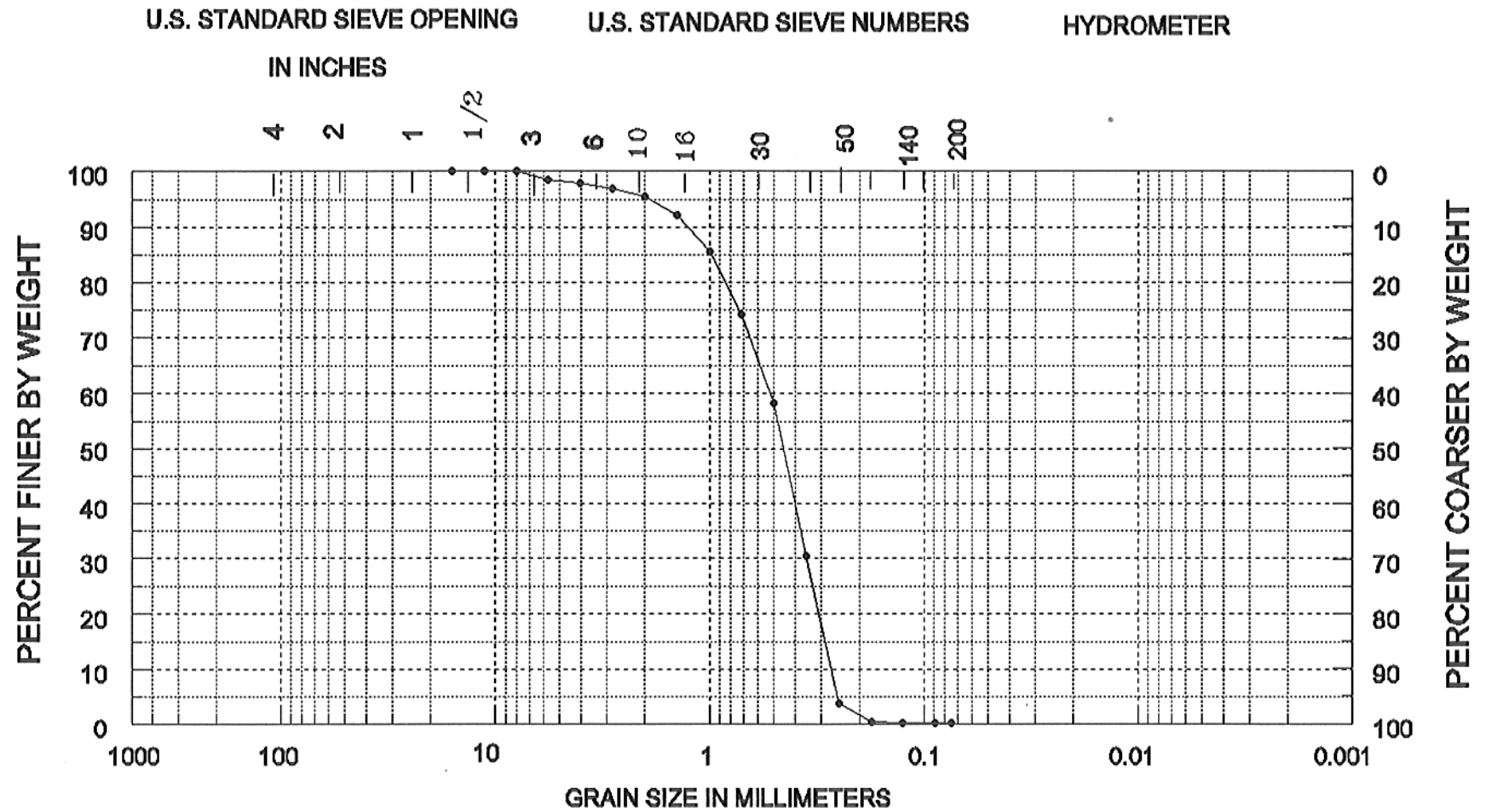


Sediment Analysis Data Sheet

Sample IR-S-9-0.5

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	0.34	1.62	1.62	5%	: -0.94 1.92
5	4.00	-2.00	0.13	0.64	2.26	16%	: 0.07 0.95
7	2.83	-1.50	0.20	0.95	3.21	25%	: 0.47 0.72
10	2.00	-1.00	0.29	1.40	4.61	50%	: 1.15 0.45
14	1.41	-0.50	0.69	3.31	7.92	75%	: 1.60 0.33
18	1.00	0.00	1.36	6.56	14.47	84%	: 1.77 0.29
25	0.71	0.50	2.32	11.21	25.68	95%	: 1.98 0.25
35	0.50	1.00	3.34	16.09	41.77		
45	0.35	1.50	5.77	27.82	69.59	Med.	1.15 0.45
60	0.25	2.00	5.53	26.67	96.26	Mean	0.80 0.57
80	0.18	2.50	0.68	3.27	99.53	St Dev.	0.87
120	0.13	3.00	0.06	0.31	99.84	Skew	-0.35
170	0.09	3.50	0.01	0.06	99.90	Kurt.	1.06
200	0.07	3.75	0.00	0.00	99.90		
Pan			0.00	0.00	99.90		
Total			20.72	99.90	99.90		
						Moment	Statistics
							Phi mm
Cu =	1.92		Gravel		2 %	Mean	1.14 0.45
			Coarse Sand		3 %	St. Dev.	1.02 0.49
			Med. Sand		51 %	Skewness	-1.60
Cc =	0.88		Fine Sand		44 %	Kurtosis	6.09

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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	-19.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-9
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-9-4.0

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	0.23	1.04	1.04	5%	-0.82 1.76
5	4.00	-2.00	0.14	0.63	1.67	16%	0.11 0.93
7	2.83	-1.50	0.19	0.88	2.55	25%	0.50 0.70
10	2.00	-1.00	0.31	1.39	3.94	50%	1.22 0.43
14	1.41	-0.50	0.65	2.93	6.87	75%	1.77 0.29
18	1.00	0.00	1.49	6.74	13.62	84%	1.95 0.26
25	0.71	0.50	2.47	11.23	24.85	95%	2.37 0.19
35	0.50	1.00	3.64	16.53	41.38		
45	0.35	1.50	4.40	19.99	61.37	Med.	1.22 0.43
60	0.25	2.00	5.49	24.95	86.32	Mean	0.96 0.51
80	0.18	2.50	2.59	11.78	98.10	St Dev.	0.94
120	0.13	3.00	0.30	1.36	99.46	Skew	-0.24
170	0.09	3.50	0.03	0.14	99.60	Kurt.	1.03
200	0.07	3.75	0.00	0.00	99.60		
Pan			0.00	0.00	99.60		
Total			21.93	99.60	99.60		
						Moment	Statistics
							Phi mm
Cu =	2.29		Gravel		1 %	Mean	1.27 0.42
			Coarse Sand		3 %	St. Dev.	1.05 0.48
			Med. Sand		47 %	Skewness	-1.26
Cc =	0.85		Fine Sand		48 %	Kurtosis	5.16

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Sediment Analysis Data Sheet

Sample IR-S-9-8.0

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	0.27	1.32	1.32	5%	-0.86 1.81
5	4.00	-2.00	0.18	0.87	2.19	16%	0.65 0.64
7	2.83	-1.50	0.24	1.17	3.37	25%	1.07 0.48
10	2.00	-1.00	0.21	1.05	4.42	50%	1.57 0.34
14	1.41	-0.50	0.42	2.05	6.47	75%	1.90 0.27
18	1.00	0.00	0.56	2.73	9.20	84%	2.06 0.24
25	0.71	0.50	0.88	4.33	13.53	95%	2.41 0.19
35	0.50	1.00	1.70	8.37	21.90		
45	0.35	1.50	4.66	22.90	44.80	Med.	1.57 0.34
60	0.25	2.00	7.62	37.41	82.21	Mean	1.17 0.45
80	0.18	2.50	3.18	15.61	97.81	St Dev.	0.85
120	0.13	3.00	0.30	1.45	99.27	Skew	-0.40
170	0.09	3.50	0.00	0.00	99.27	Kurt.	1.60
200	0.07	3.75	0.07	0.33	99.60		
Pan			0.00	0.00	99.60		
Total			20.28	99.60	99.60		
						Moment	Statistics
							Phi mm
Cu =	1.81		Gravel		2 %	Mean	1.54 0.34
			Coarse	Sand	3 %	St. Dev.	1.05 0.48
			Med.	Sand	29 %	Skewness	-2.04
Cc =	0.98		Fine	Sand	66 %	Kurtosis	7.85

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Sediment Analysis Data Sheet

Sample IR-S-9-13.0

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% :	0.69	0.62
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.63	0.32
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.91	0.27
10	2.00	-1.00	0.05	0.27	0.27	50% :	2.27	0.21
14	1.41	-0.50	0.11	0.53	0.79	75% :	2.63	0.16
18	1.00	0.00	0.21	1.03	1.83	84% :	2.83	0.14
25	0.71	0.50	0.39	1.93	3.76	95% :	3.41	0.09
35	0.50	1.00	0.65	3.18	6.94			
45	0.35	1.50	1.03	5.09	12.03	Med.	2.27	0.21
60	0.25	2.00	3.19	15.69	27.72	Mean	2.17	0.22
80	0.18	2.50	8.47	41.71	69.44	St Dev.	0.71	
120	0.13	3.00	4.45	21.92	91.35	Skew	-0.11	
170	0.09	3.50	0.60	2.94	94.30	Kurt.	1.56	
200	0.07	3.75	0.46	2.26	96.56			
Pan			0.03	0.14	96.70			
Total			19.62	96.70	96.70			
						Moment	Statistics	
							Phi	mm
Cu =	1.77		Gravel		0 %	Mean	2.39	0.19
			Coarse	Sand	0 %	St. Dev.	0.72	0.61
			Med.	Sand	9 %	Skewness	-1.50	
Cc =	1.06		Fine	Sand	87 %	Kurtosis	7.09	

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