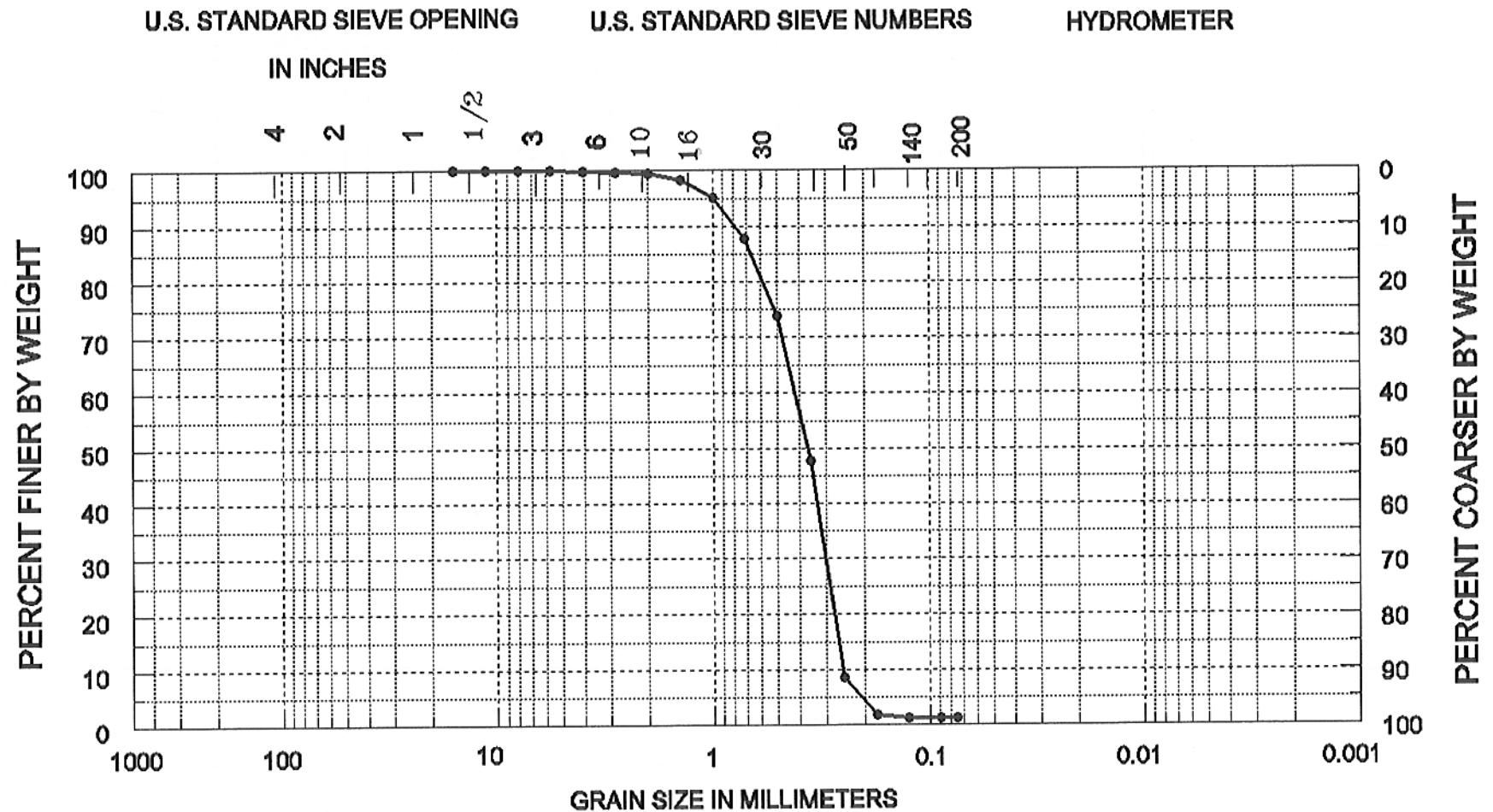


Sediment Analysis Data Sheet

Sample IR-C-13-0.5

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	0.00	0.00	0.00	5% :	0.00 1.00
5	4.00	-2.00	0.04	0.22	0.22	16% :	0.64 0.64
7	2.83	-1.50	0.02	0.08	0.30	25% :	0.96 0.51
10	2.00	-1.00	0.08	0.38	0.68	50% :	1.46 0.36
14	1.41	-0.50	0.24	1.19	1.88	75% :	1.79 0.29
18	1.00	0.00	0.63	3.08	4.96	84% :	1.90 0.27
25	0.71	0.50	1.48	7.28	12.24	95% :	2.26 0.21
35	0.50	1.00	2.83	13.89	26.13		
45	0.35	1.50	5.32	26.17	52.30	Med.	1.46 0.36
60	0.25	2.00	7.97	39.16	91.46	Mean	1.25 0.42
80	0.18	2.50	1.39	6.82	98.28	St Dev.	0.66
120	0.13	3.00	0.09	0.46	98.74	Skew	-0.29
170	0.09	3.50	0.01	0.06	98.80	Kurt.	1.11
200	0.07	3.75	0.00	0.00	98.80		
Pan			0.00	0.00	98.80		
Total			20.10	98.80	98.80		
						Moment	Statistics
							Phi mm
Cu =	1.64		Gravel	0	%	Mean	1.54 0.34
			Coarse Sand	1	%	St. Dev.	0.68 0.62
			Med. Sand	39	%	Skewness	-1.22
Cc =	0.87		Fine Sand	60	%	Kurtosis	5.39

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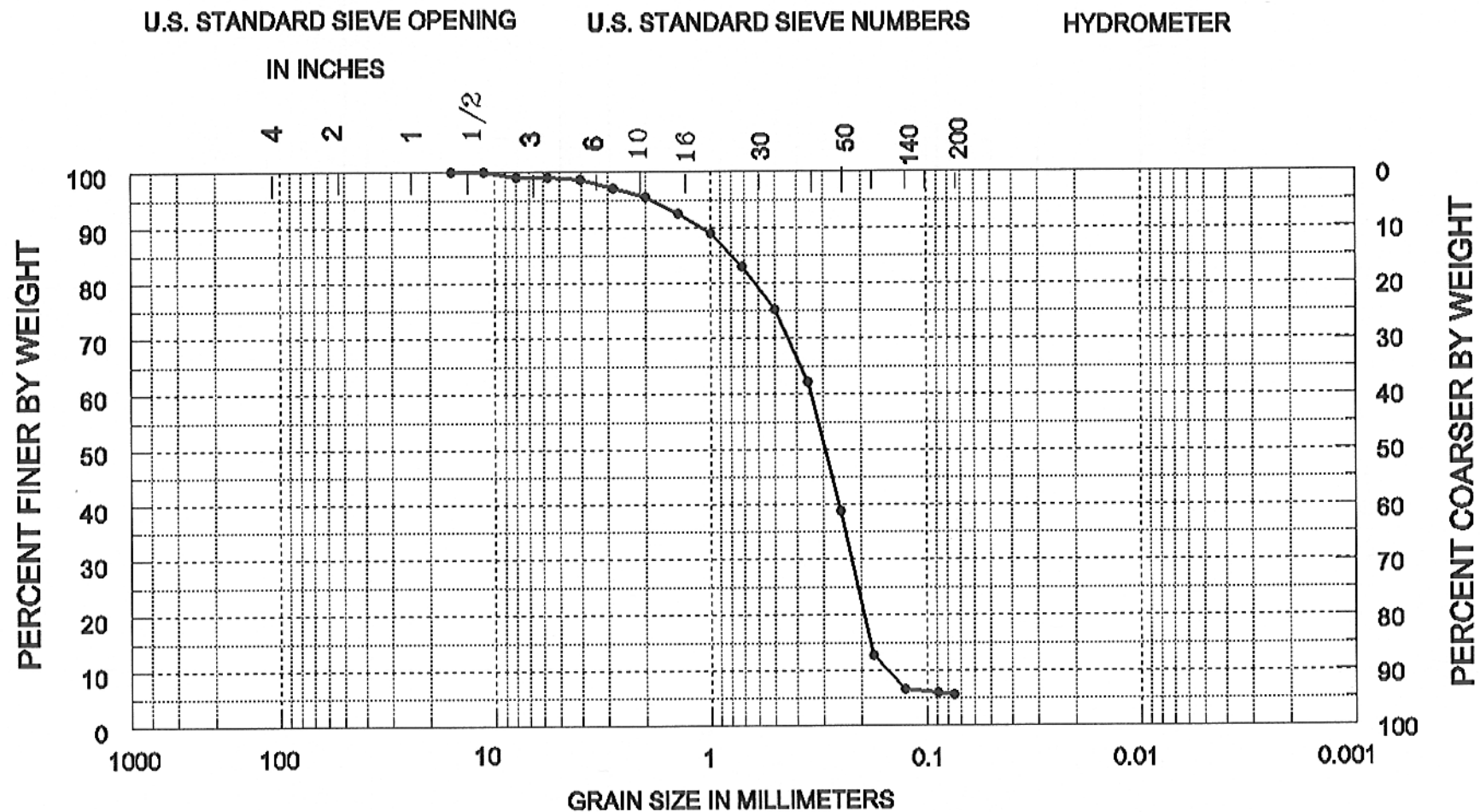


Sediment Analysis Data Sheet

Sample IR-C-13-4.0

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	0.18	0.90	0.90			
	5.66	-2.50	0.00	0.00	0.90	5% :	-0.92	1.89
5	4.00	-2.00	0.10	0.51	1.41	16% :	0.41	0.75
7	2.83	-1.50	0.29	1.47	2.88	25% :	1.01	0.50
10	2.00	-1.00	0.32	1.62	4.50	50% :	1.76	0.29
14	1.41	-0.50	0.60	3.04	7.54	75% :	2.27	0.21
18	1.00	0.00	0.71	3.58	11.12	84% :	2.44	0.18
25	0.71	0.50	1.16	5.91	17.03	95% :	3.74	0.07
35	0.50	1.00	1.54	7.81	24.84			
45	0.35	1.50	2.54	12.89	37.73	Med.	1.76	0.29
60	0.25	2.00	4.60	23.36	61.09	Mean	1.49	0.36
80	0.18	2.50	5.15	26.15	87.24	St Dev.	1.21	
120	0.13	3.00	1.23	6.26	93.50	Skew	-0.24	
170	0.09	3.50	0.12	0.60	94.11	Kurt.	1.52	
200	0.07	3.75	0.06	0.29	94.40			
Pan			0.00	0.00	94.40			
Total			18.58	94.40	94.40			
						Moment Statistics		
							Phi	mm
Cu =	2.25		Gravel		1 %	Mean	1.64	0.32
			Coarse Sand		3 %	St. Dev.	1.15	0.45
			Med. Sand		27 %	Skewness	-1.46	
Cc =	0.95		Fine Sand		63 %	Kurtosis	5.42	

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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	-31.4	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-13
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-13-8.0

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	0.28	1.45	1.45		
	5.66	-2.50	0.32	1.61	3.06	5% :	-1.75 3.37
5	4.00	-2.00	0.26	1.33	4.39	16% :	0.12 0.92
7	2.83	-1.50	0.24	1.23	5.62	25% :	0.58 0.67
10	2.00	-1.00	0.26	1.35	6.97	50% :	1.36 0.39
14	1.41	-0.50	0.50	2.55	9.52	75% :	1.83 0.28
18	1.00	0.00	0.86	4.38	13.91	84% :	1.98 0.25
25	0.71	0.50	1.71	8.74	22.65	95% :	2.49 0.18
35	0.50	1.00	2.74	13.96	36.61		
45	0.35	1.50	3.63	18.49	55.10	Med.	1.36 0.39
60	0.25	2.00	5.93	30.23	85.33	Mean	0.84 0.56
80	0.18	2.50	1.94	9.90	95.23	St Dev.	1.11
120	0.13	3.00	0.31	1.58	96.80	Skew	-0.40
170	0.09	3.50	0.08	0.41	97.21	Kurt.	1.40
200	0.07	3.75	0.02	0.12	97.33		
Pan			0.01	0.07	97.40		
Total			19.10	97.40	97.40		
						Moment	Statistics
							Phi mm
Cu =	2.21		Gravel		4 %	Mean	1.26 0.42
			Coarse Sand		3 %	St. Dev.	1.20 0.43
			Med. Sand		39 %	Skewness	-1.56
Cc =	0.89		Fine Sand		51 %	Kurtosis	5.67

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Sediment Analysis Data Sheet

Sample IR-C-13-14.0

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	2.88	14.70	14.70		
	5.66	-2.50	1.20	6.10	20.80	5% :	-3.33 10.06
5	4.00	-2.00	1.71	8.71	29.52	16% :	-2.89 7.43
7	2.83	-1.50	1.69	8.65	38.17	25% :	-2.26 4.79
10	2.00	-1.00	1.74	8.89	47.06	50% :	-0.85 1.81
14	1.41	-0.50	1.98	10.12	57.18	75% :	0.85 0.55
18	1.00	0.00	1.66	8.45	65.64	84% :	1.67 0.31
25	0.71	0.50	1.23	6.29	71.93	95% :	2.98 0.13
35	0.50	1.00	0.85	4.35	76.27		
45	0.35	1.50	1.05	5.38	81.65	Med.	-0.85 1.81
60	0.25	2.00	1.34	6.84	88.49	Mean	-0.48 1.40
80	0.18	2.50	0.97	4.94	93.43	St Dev.	2.10
120	0.13	3.00	0.32	1.62	95.06	Skew	0.16
170	0.09	3.50	0.14	0.73	95.78	Kurt.	0.83
200	0.07	3.75	0.06	0.32	96.10		
Pan			0.00	0.00	96.10		
Total			18.82	96.10	96.10		
						Moment	Statistics
							Phi mm
Cu =	11.71		Gravel		25 %	Mean	-0.56 1.47
			Coarse	Sand	22 %	St. Dev.	1.80 0.29
			Med.	Sand	32 %	Skewness	0.32
Cc =	1.04		Fine	Sand	17 %	Kurtosis	2.07

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