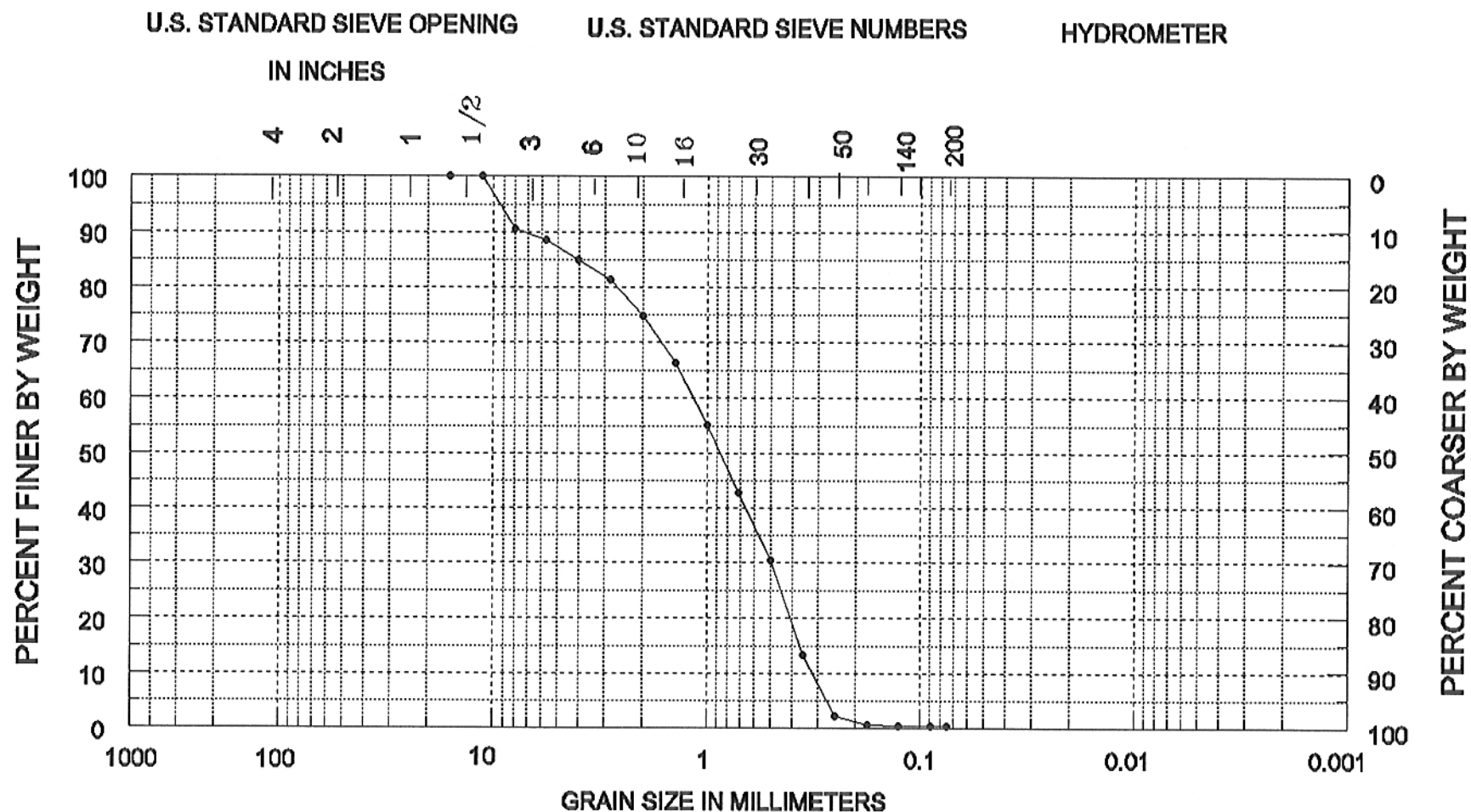


Sediment Analysis Data Sheet

Sample IR-S-1-0.5

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	1.50	9.59	9.59		
	5.66	-2.50	0.29	1.86	11.45	5%	-3.24 9.44
5	4.00	-2.00	0.57	3.62	15.07	16%	-1.87 3.66
7	2.83	-1.50	0.56	3.60	18.67	25%	-1.01 2.01
10	2.00	-1.00	1.01	6.45	25.12	50%	0.21 0.87
14	1.41	-0.50	1.32	8.45	33.57	75%	1.16 0.45
18	1.00	0.00	1.77	11.29	44.86	84%	1.42 0.37
25	0.71	0.50	1.93	12.29	57.15	95%	1.87 0.27
35	0.50	1.00	1.92	12.26	69.41		
45	0.35	1.50	2.71	17.29	86.70	Med.	0.21 0.87
60	0.25	2.00	1.76	11.20	97.90	Mean	-0.32 1.25
80	0.18	2.50	0.24	1.54	99.44	St Dev.	1.60
120	0.13	3.00	0.04	0.26	99.70	Skew	-0.31
170	0.09	3.50	0.00	0.00	99.70	Kurt.	0.96
200	0.07	3.75	0.00	0.00	99.70		
Pan			0.00	0.00	99.70		
Total			15.63	99.70	99.70		
						Moment	Statistics
							Phi mm
Cu =	3.64		Gravel		13 %	Mean	0.06 0.96
			Coarse	Sand	12 %	St. Dev.	1.65 0.32
			Med.	Sand	53 %	Skewness	-0.68
Cc =	0.66		Fine	Sand	22 %	Kurtosis	2.39

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

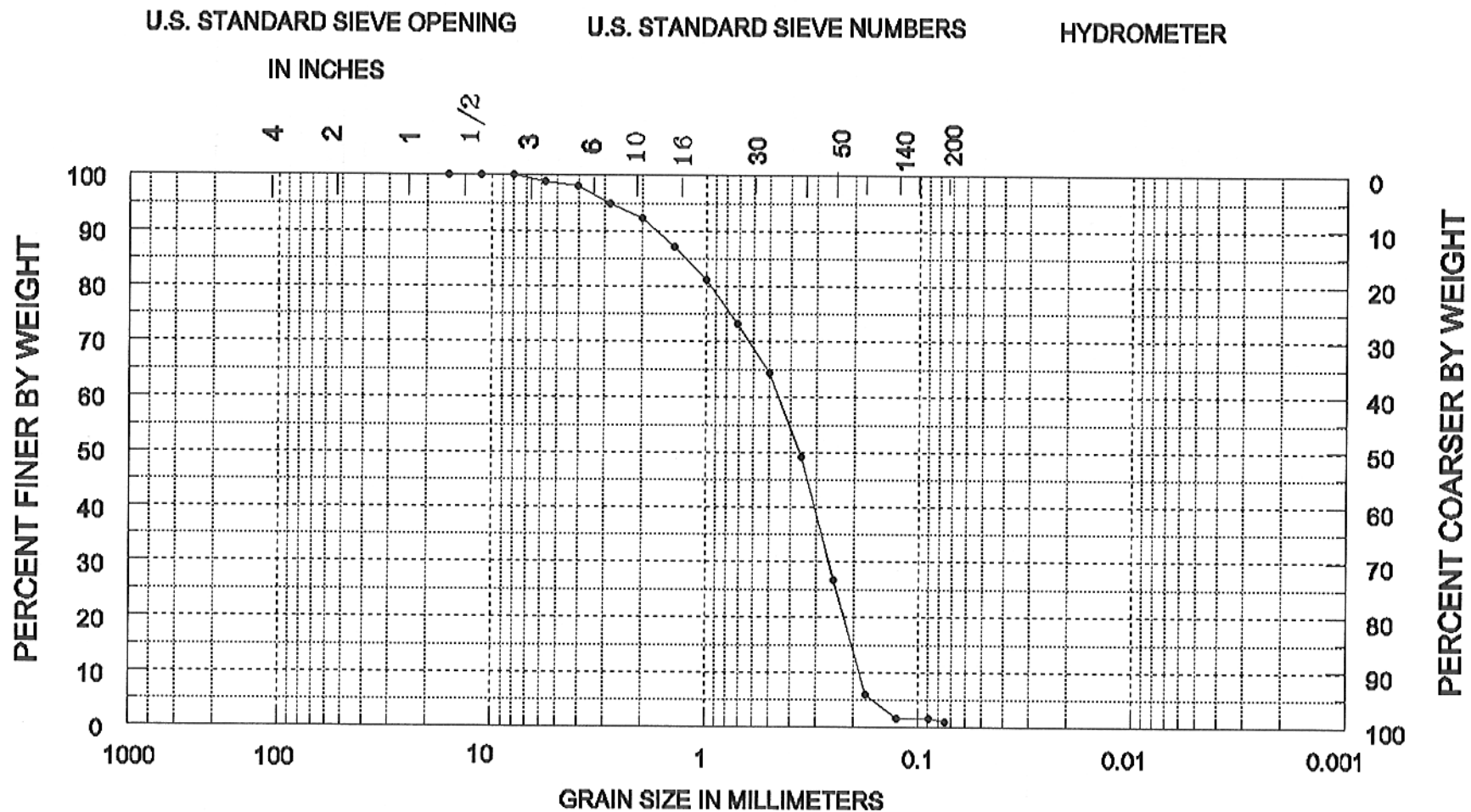
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-26.3	Medium sand (SP)	AREA Indian River County
			BORING NO. IR-S-1
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-1-4.0

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	0.00	0.00	0.00
	5.66	-2.50	0.23	1.21	1.21
5	4.00	-2.00	0.14	0.72	1.93
7	2.83	-1.50	0.61	3.13	5.06
10	2.00	-1.00	0.52	2.69	7.75
14	1.41	-0.50	1.00	5.15	12.90
18	1.00	0.00	1.15	5.95	18.85
25	0.71	0.50	1.51	7.79	26.64
35	0.50	1.00	1.74	9.00	35.65
45	0.35	1.50	2.93	15.16	50.80
60	0.25	2.00	4.33	22.40	73.21
80	0.18	2.50	4.05	20.93	94.14
120	0.13	3.00	0.82	4.23	98.37
170	0.09	3.50	0.01	0.05	98.42
200	0.07	3.75	0.13	0.68	99.10
Pan			0.00	0.00	99.10
Total			19.16	99.10	99.10
					5% : -1.51 2.85
					16% : -0.24 1.18
					25% : 0.39 0.76
					50% : 1.47 0.36
					75% : 2.04 0.24
					84% : 2.26 0.21
					95% : 2.60 0.16
					Med. 1.47 0.36
					Mean 0.92 0.53
					St Dev. 1.25
					Skew -0.41
					Kurt. 1.02
					Moment Statistics
					Phi mm
Cu =	2.39	Gravel		2 %	Mean 1.32 0.40
		Coarse Sand		6 %	St. Dev. 1.31 0.40
		Med. Sand		35 %	Skewness -1.07
Cc =	0.81	Fine Sand		56 %	Kurtosis 3.59

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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	-29.8	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-1
			DATE June,1999

Sediment Analysis Data Sheet

Sample IR-S-1-8.0

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	0.15	0.79	0.79	5%	-0.76 1.69
5	4.00	-2.00	0.11	0.54	1.32	16%	0.34 0.79
7	2.83	-1.50	0.11	0.58	1.90	25%	0.94 0.52
10	2.00	-1.00	0.27	1.38	3.28	50%	1.73 0.30
14	1.41	-0.50	0.69	3.53	6.82	75%	2.24 0.21
18	1.00	0.00	0.96	4.92	11.73	84%	2.41 0.19
25	0.71	0.50	1.22	6.26	17.99	95%	2.89 0.14
35	0.50	1.00	1.56	7.99	25.98		
45	0.35	1.50	2.62	13.39	39.37	Med.	1.73 0.30
60	0.25	2.00	4.51	23.06	62.43	Mean	1.32 0.40
80	0.18	2.50	5.14	26.27	88.71	St Dev.	1.07
120	0.13	3.00	1.60	8.17	96.88	Skew	-0.35
170	0.09	3.50	0.01	0.07	96.94	Kurt.	1.15
200	0.07	3.75	0.15	0.76	97.70		
Pan			0.00	0.00	97.70		
Total			19.10	97.70	97.70		
						Moment	Statistics
							Phi mm
Cu =	2.09		Gravel		1 %	Mean	1.66 0.32
			Coarse	Sand	2 %	St. Dev.	1.14 0.45
			Med.	Sand	29 %	Skewness	-1.34
Cc =	0.87		Fine	Sand	65 %	Kurtosis	4.93

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Sediment Analysis Data Sheet

Sample IR-S-1-13.0

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% :	-0.37	1.29
5	4.00	-2.00	0.24	2.02	2.02	16% :	0.84	0.56
7	2.83	-1.50	0.06	0.52	2.55	25% :	1.32	0.40
10	2.00	-1.00	0.06	0.49	3.04	50% :	2.25	0.21
14	1.41	-0.50	0.15	1.27	4.31	75% :	3.28	0.10
18	1.00	0.00	0.31	2.57	6.88	84% :	3.35	0.10
25	0.71	0.50	0.53	4.36	11.24	95% :	3.71	0.08
35	0.50	1.00	0.84	6.96	18.20			
45	0.35	1.50	1.29	10.72	28.93	Med.	2.25	0.21
60	0.25	2.00	1.86	15.43	44.35	Mean	1.96	0.26
80	0.18	2.50	1.37	11.35	55.70	St Dev.	1.24	
120	0.13	3.00	1.39	11.56	67.26	Skew	-0.20	
170	0.09	3.50	1.65	13.70	80.96	Kurt.	0.85	
200	0.07	3.75	1.83	15.21	96.17			
Pan			0.27	2.23	98.40			
Total			11.86	98.40	98.40			
						Moment	Statistics	
							Phi	mm
Cu =	3.22		Gravel		1 %	Mean	2.21	0.22
			Coarse Sand		2 %	St. Dev.	1.33	0.40
			Med. Sand		21 %	Skewness	-1.03	
Cc =	0.58		Fine Sand		73 %	Kurtosis	4.34	

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