

Sediment Analysis Data Sheet

Sample IR-C-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	0.00	0.00	0.00	5% : -0.06 1.04
5	4.00	-2.00	0.08	0.00	0.00	16% : 0.91 0.53
7	2.83	-1.50	0.16	0.37	0.37	25% : 1.31 0.40
10	2.00	-1.00	0.30	0.79	1.16	50% : 1.91 0.27
14	1.41	-0.50	0.54	1.49	2.65	75% : 2.27 0.21
18	1.00	0.00	0.94	2.66	5.30	84% : 2.39 0.19
25	0.71	0.50	1.50	4.63	9.93	95% : 2.70 0.15
35	0.50	1.00	2.52	7.35	17.29	
45	0.35	1.50	5.02	12.38	29.67	Med. 1.91 0.27
60	0.25	2.00	7.75	24.67	54.34	Mean 1.57 0.34
80	0.18	2.50	1.28	38.14	92.47	St Dev. 0.79
120	0.13	3.00	0.07	6.29	98.76	Skew -0.39
170	0.09	3.50	0.00	0.34	99.10	Kurt. 1.18
200	0.07	3.75	0.00	0.00	99.10	
Pan			0.00	0.00	99.10	
Total			20.15	99.10	99.10	
						Moment Statistics
						Phi mm
Cu =	1.69		Gravel	0	%	Mean 1.93 0.26
			Coarse Sand	1	%	St. Dev. 0.83 0.56
			Med. Sand	22	%	Skewness -1.38
Cc =	0.85		Fine Sand	76	%	Kurtosis 5.00

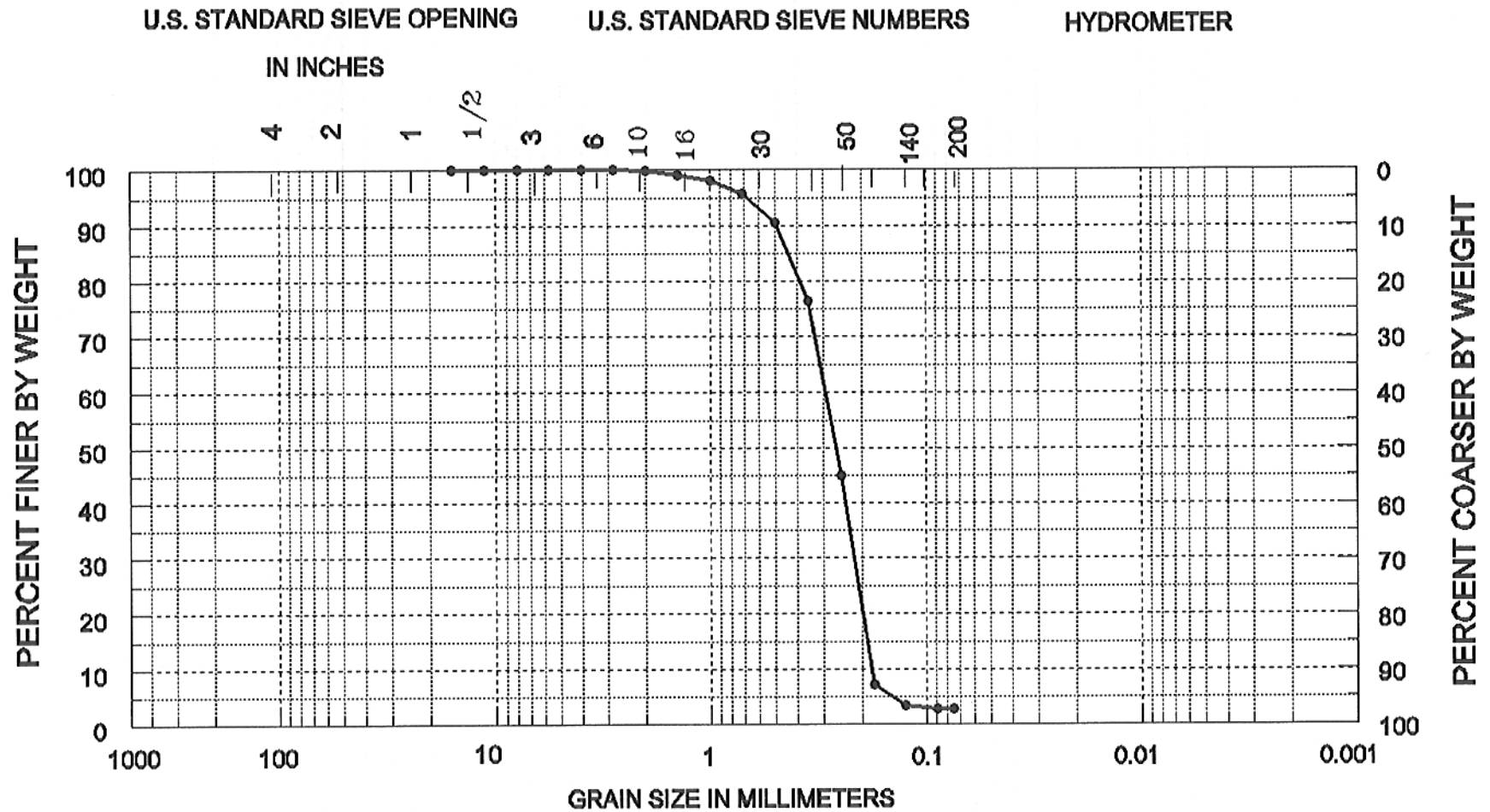
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Sediment Analysis Data Sheet

Sample IR-C-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	0.00	0.00	0.00	5% : 0.57 0.68
5	4.00	-2.00	0.00	0.00	0.00	16% : 1.23 0.43
7	2.83	-1.50	0.02	0.09	0.09	25% : 1.52 0.35
10	2.00	-1.00	0.02	0.11	0.20	50% : 1.92 0.26
14	1.41	-0.50	0.15	0.73	0.93	75% : 2.26 0.21
18	1.00	0.00	0.21	1.05	1.98	84% : 2.38 0.19
25	0.71	0.50	0.47	2.35	4.33	95% : 2.78 0.15
35	0.50	1.00	1.04	5.18	9.50	
45	0.35	1.50	2.81	14.05	23.55	Med. 1.92 0.26
60	0.25	2.00	6.28	31.41	54.96	Mean 1.78 0.29
80	0.18	2.50	7.57	37.85	92.81	St Dev. 0.62
120	0.13	3.00	0.78	3.90	96.71	Skew -0.21
170	0.09	3.50	0.09	0.44	97.15	Kurt. 1.22
200	0.07	3.75	0.03	0.15	97.30	
Pan			0.00	0.00	97.30	
Total			19.46	97.30	97.30	
						Moment Statistics
						Phi mm
Cu =	1.63	Gravel		0	%	Mean 2.04 0.24
		Coarse Sand		0	%	St. Dev. 0.64 0.64
		Med. Sand		16	%	Skewness -1.38
Cc =	0.89	Fine Sand		81	%	Kurtosis 6.24

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

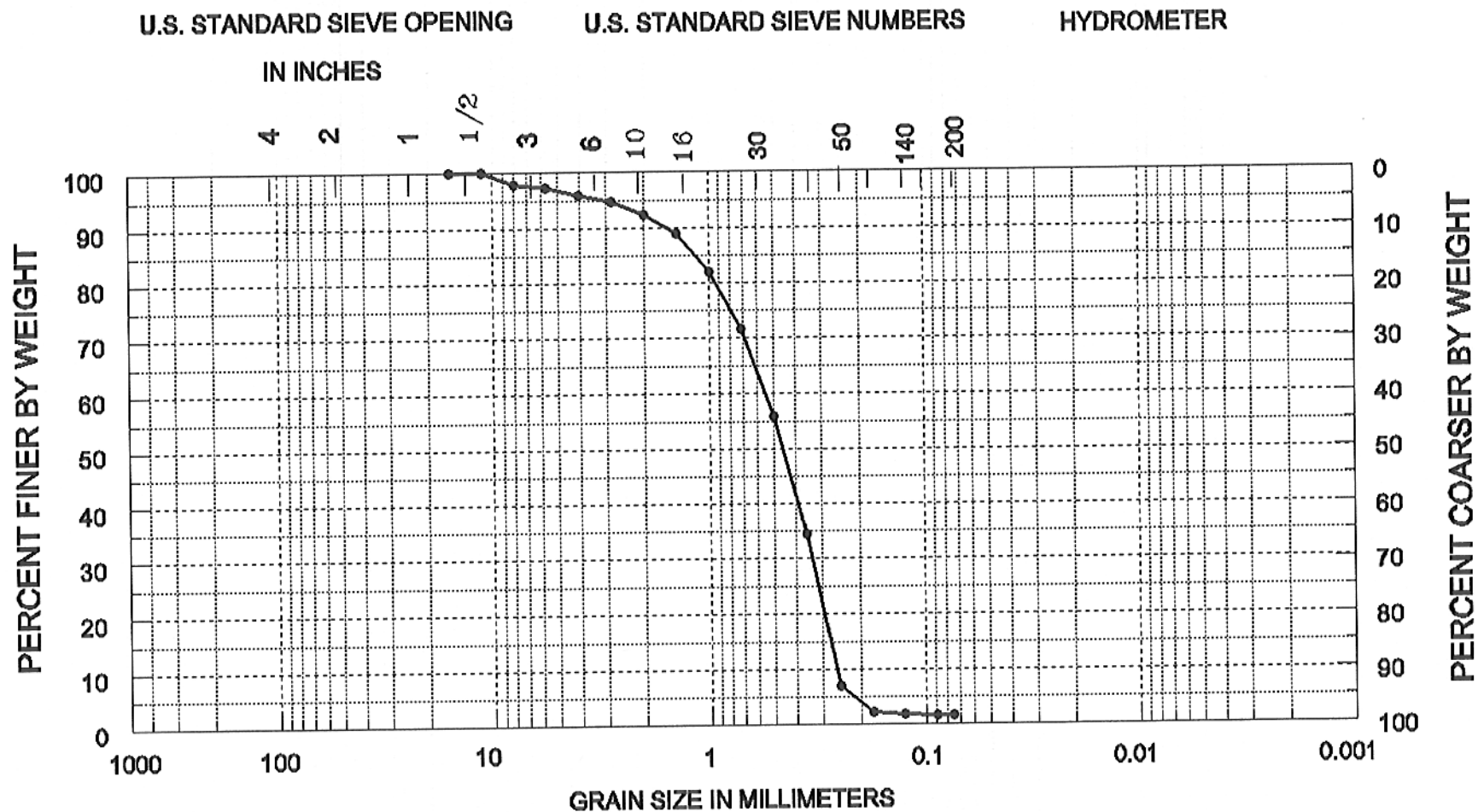
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-28.8	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-9
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-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	0.41	2.11	2.11			
	5.66	-2.50	0.14	0.73	2.84	5%	-1.63	3.10
5	4.00	-2.00	0.24	1.24	4.08	16%	-0.15	1.11
7	2.83	-1.50	0.25	1.26	5.34	25%	0.33	0.79
10	2.00	-1.00	0.45	2.29	7.63	50%	1.14	0.45
14	1.41	-0.50	0.67	3.42	11.05	75%	1.67	0.31
18	1.00	0.00	1.38	7.06	18.11	84%	1.84	0.28
25	0.71	0.50	2.01	10.30	28.41	95%	2.20	0.22
35	0.50	1.00	3.07	15.76	44.17			
45	0.35	1.50	4.16	21.33	65.50	Med.	1.14	0.45
60	0.25	2.00	5.37	27.56	93.06	Mean	0.68	0.62
80	0.18	2.50	0.93	4.78	97.84	St Dev.	1.08	
120	0.13	3.00	0.09	0.44	98.28	Skew	-0.37	
170	0.09	3.50	0.02	0.12	98.40	Kurt.	1.18	
200	0.07	3.75	0.00	0.00	98.40			
Pan			0.00	0.00	98.40			
Total			19.17	98.40	98.40			
						Moment	Statistics	
							Phi	mm
Cu =	2.11		Gravel		3 %	Mean	1.07	0.48
			Coarse Sand		4 %	St. Dev.	1.17	0.45
			Med. Sand		47 %	Skewness	-1.50	
Cc =	0.78		Fine Sand		44 %	Kurtosis	5.41	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

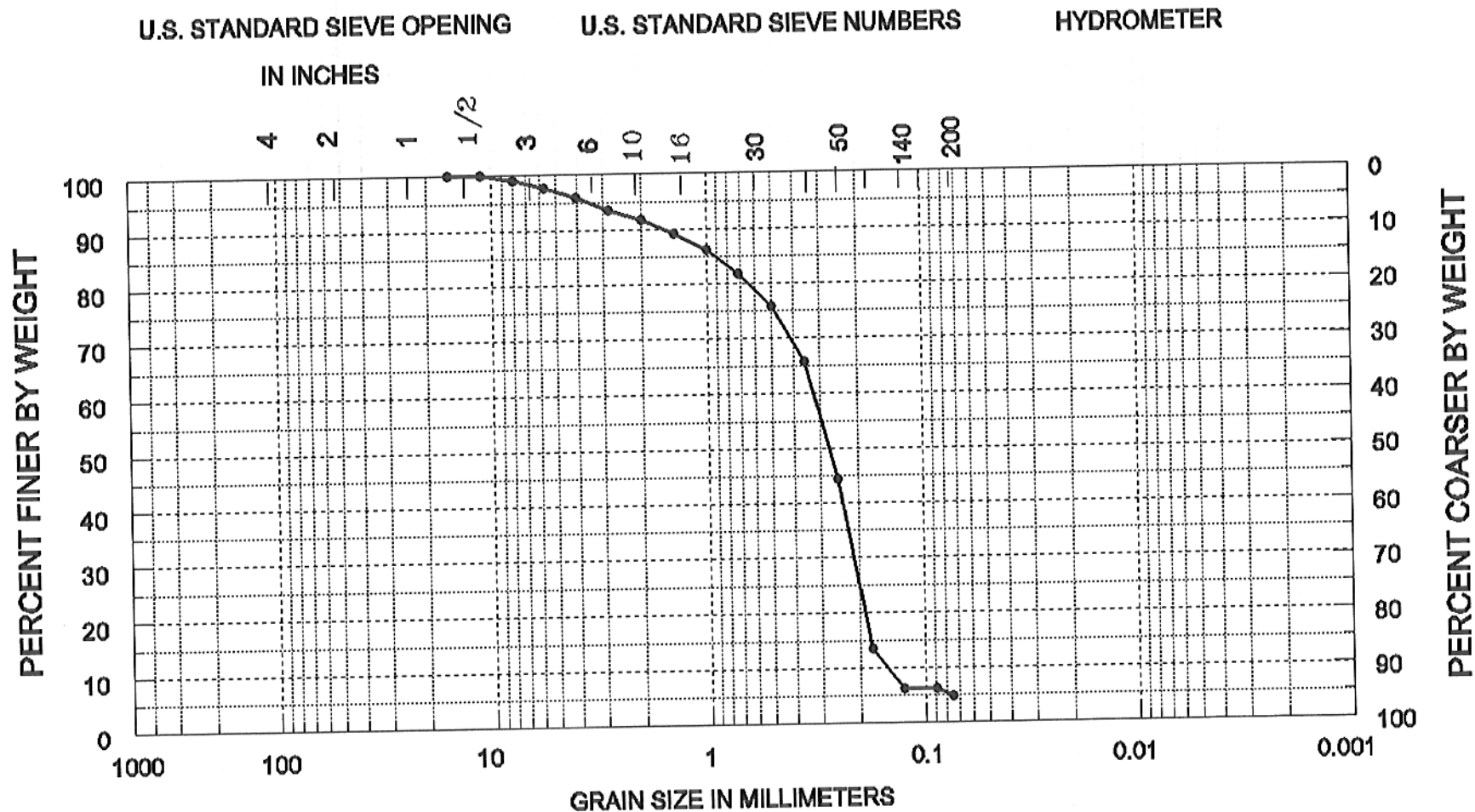
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-32.8	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-9
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-9-14.0

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	0.18	0.93	0.93	
	5.66	-2.50	0.29	1.51	2.44	5% : -1.82 3.52
5	4.00	-2.00	0.31	1.62	4.06	16% : 0.24 0.85
7	2.83	-1.50	0.50	2.57	6.63	25% : 1.04 0.49
10	2.00	-1.00	0.31	1.62	8.25	50% : 1.87 0.27
14	1.41	-0.50	0.52	2.70	10.95	75% : 2.31 0.20
18	1.00	0.00	0.57	2.96	13.91	84% : 2.46 0.18
25	0.71	0.50	0.84	4.34	18.25	95% : 3.67 0.08
35	0.50	1.00	1.15	5.92	24.18	
45	0.35	1.50	1.94	10.05	34.23	Med. 1.87 0.27
60	0.25	2.00	4.12	21.33	55.56	Mean 1.28 0.41
80	0.18	2.50	5.97	30.90	86.47	St Dev. 1.39
120	0.13	3.00	1.44	7.47	93.94	Skew -0.41
170	0.09	3.50	0.00	0.00	93.94	Kurt. 1.77
200	0.07	3.75	0.24	1.26	95.20	
Pan			0.00	0.00	95.20	
Total			18.40	95.20	95.20	
						Moment Statistics
						Phi mm
Cu =	2.15		Gravel	3	%	Mean 1.61 0.33
			Coarse Sand	5	%	St. Dev. 1.37 0.39
			Med. Sand	21	%	Skewness -1.52
Cc =	0.94		Fine Sand	66	%	Kurtosis 4.84

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

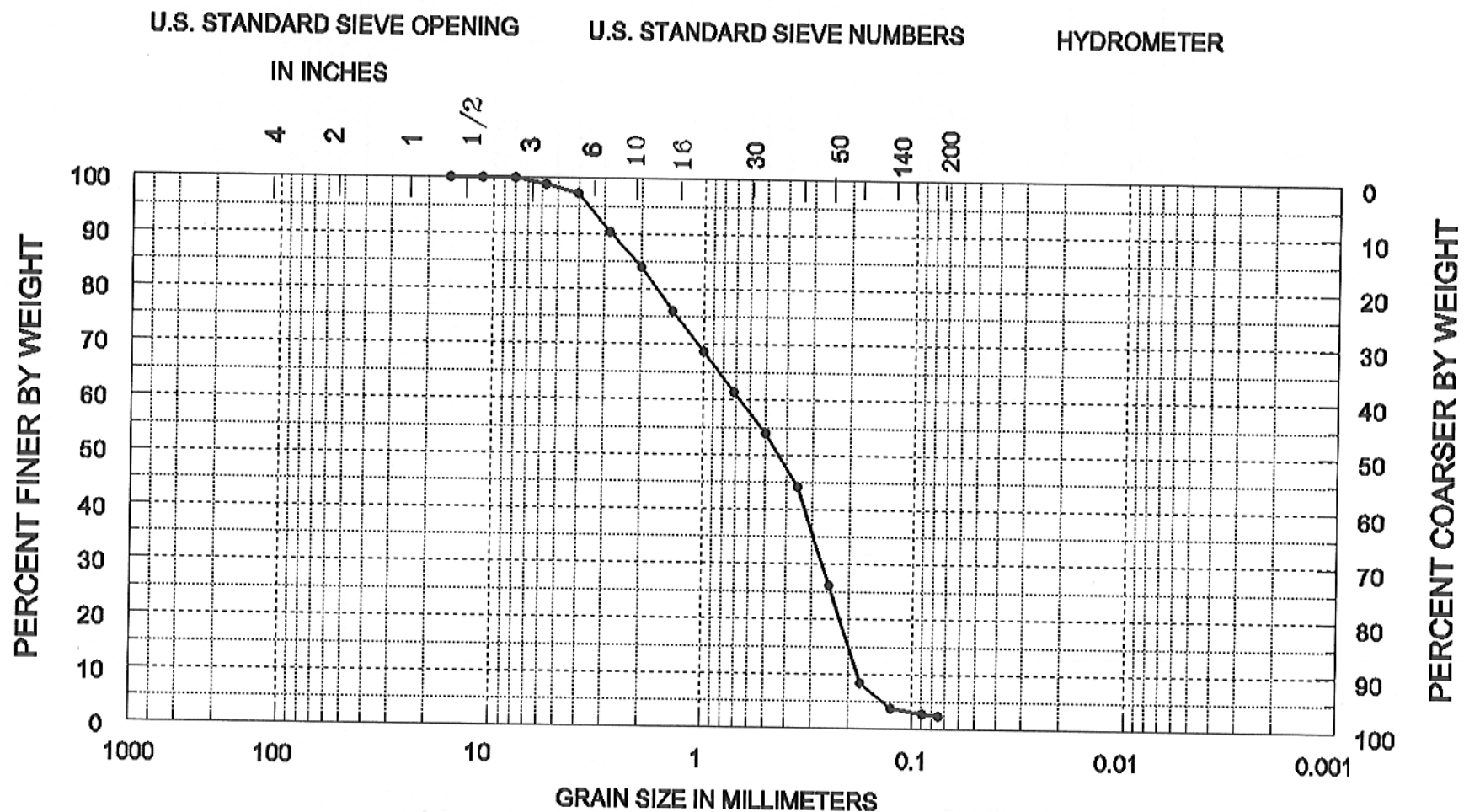
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
14.0	-38.8	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-9
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-9-17.0

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	0.22	1.13	1.13	5% : -1.84 3.57
5	4.00	-2.00	0.31	1.57	2.70	16% : -1.00 2.00
7	2.83	-1.50	1.38	6.99	9.69	25% : -0.43 1.35
10	2.00	-1.00	1.26	6.35	16.04	50% : 1.19 0.44
14	1.41	-0.50	1.56	7.90	23.93	75% : 2.03 0.24
18	1.00	0.00	1.47	7.43	31.36	84% : 2.29 0.21
25	0.71	0.50	1.44	7.29	38.65	95% : 2.86 0.14
35	0.50	1.00	1.50	7.57	46.23	
45	0.35	1.50	1.92	9.70	55.93	Med. 1.19 0.44
60	0.25	2.00	3.54	17.90	73.83	Mean 0.70 0.62
80	0.18	2.50	3.53	17.83	91.66	St Dev. 1.53
120	0.13	3.00	0.92	4.66	96.32	Skew -0.31
170	0.09	3.50	0.19	0.96	97.28	Kurt. 0.78
200	0.07	3.75	0.09	0.43	97.71	
Pan			0.08	0.39	98.10	
Total			19.41	98.10	98.10	
						Moment Statistics
						Phi mm
Cu =	3.64		Gravel	2	%	Mean 1.01 0.50
			Coarse Sand	14	%	St. Dev. 1.47 0.36
			Med. Sand	35	%	Skewness -0.48
Cc =	0.60		Fine Sand	47	%	Kurtosis 2.10

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
17.0	-41.8	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-9
			DATE June, 1999