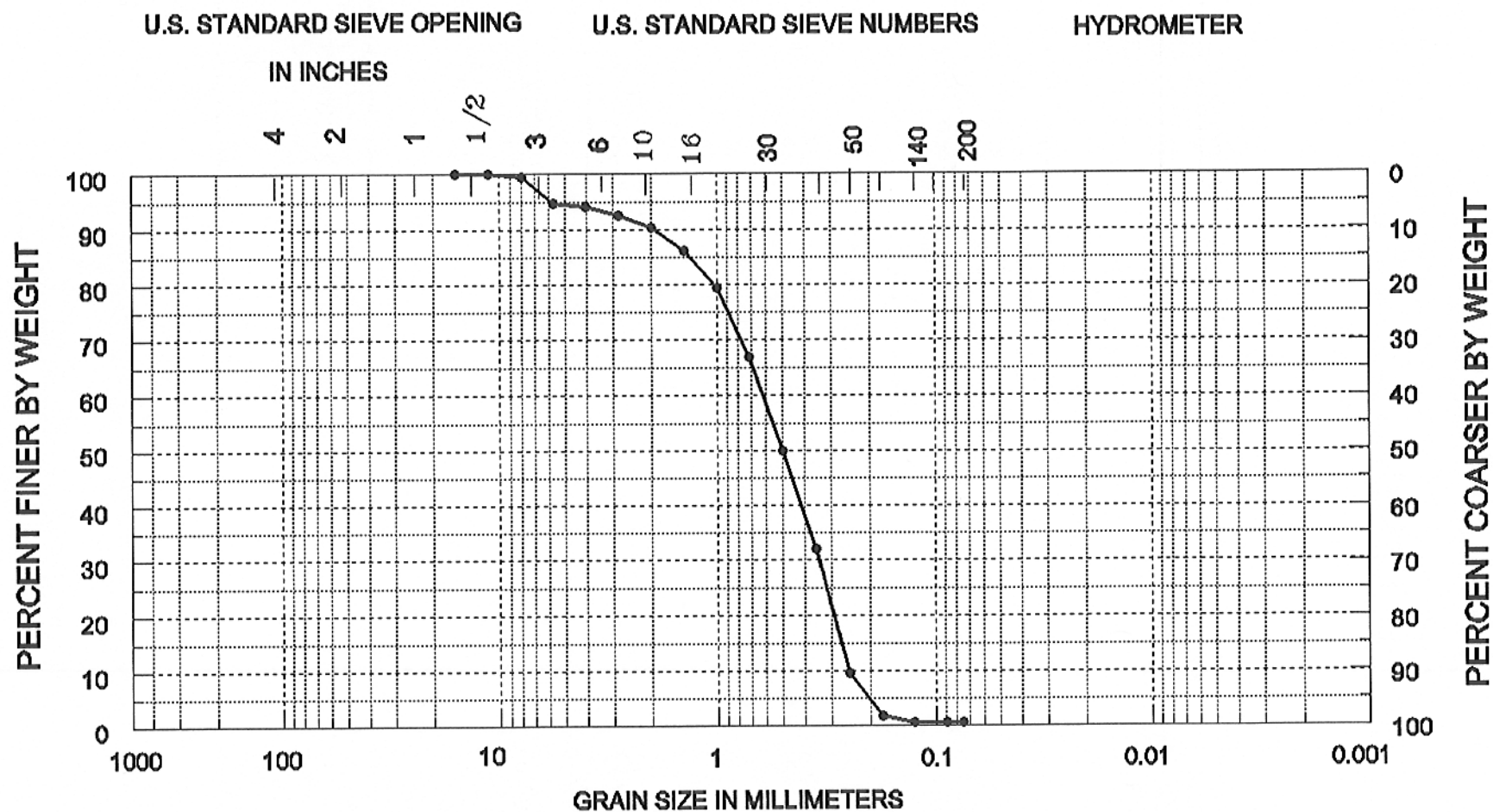


Sediment Analysis Data Sheet

Sample IR-C-3-0.5

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	0.14	0.69	0.69			
	5.66	-2.50	0.91	4.66	5.35	5% :	-2.54	5.81
5	4.00	-2.00	0.12	0.62	5.97	16% :	-0.34	1.27
7	2.83	-1.50	0.31	1.59	7.56	25% :	0.17	0.89
10	2.00	-1.00	0.42	2.13	9.69	50% :	1.00	0.50
14	1.41	-0.50	0.81	4.12	13.82	75% :	1.66	0.32
18	1.00	0.00	1.35	6.87	20.68	84% :	1.86	0.28
25	0.71	0.50	2.42	12.35	33.03	95% :	2.29	0.20
35	0.50	1.00	3.34	17.06	50.09			
45	0.35	1.50	3.48	17.76	67.85	Med.	1.00	0.50
60	0.25	2.00	4.43	22.61	90.47	Mean	0.45	0.73
80	0.18	2.50	1.52	7.75	98.21	St Dev.	1.28	
120	0.13	3.00	0.22	1.11	99.33	Skew	-0.34	
170	0.09	3.50	0.03	0.17	99.50	Kurt.	1.33	
200	0.07	3.75	0.00	0.00	99.50			
Pan			0.00	0.00	99.50			
Total			19.49	99.50	99.50			
						Moment Statistics		
							Phi	mm
Cu =	2.44		Gravel		6 %	Mean	0.97	0.51
			Coarse	Sand	4 %	St. Dev.	1.27	0.41
			Med.	Sand	49 %	Skewness	-1.21	
Cc =	0.76		Fine	Sand	41 %	Kurtosis	4.25	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

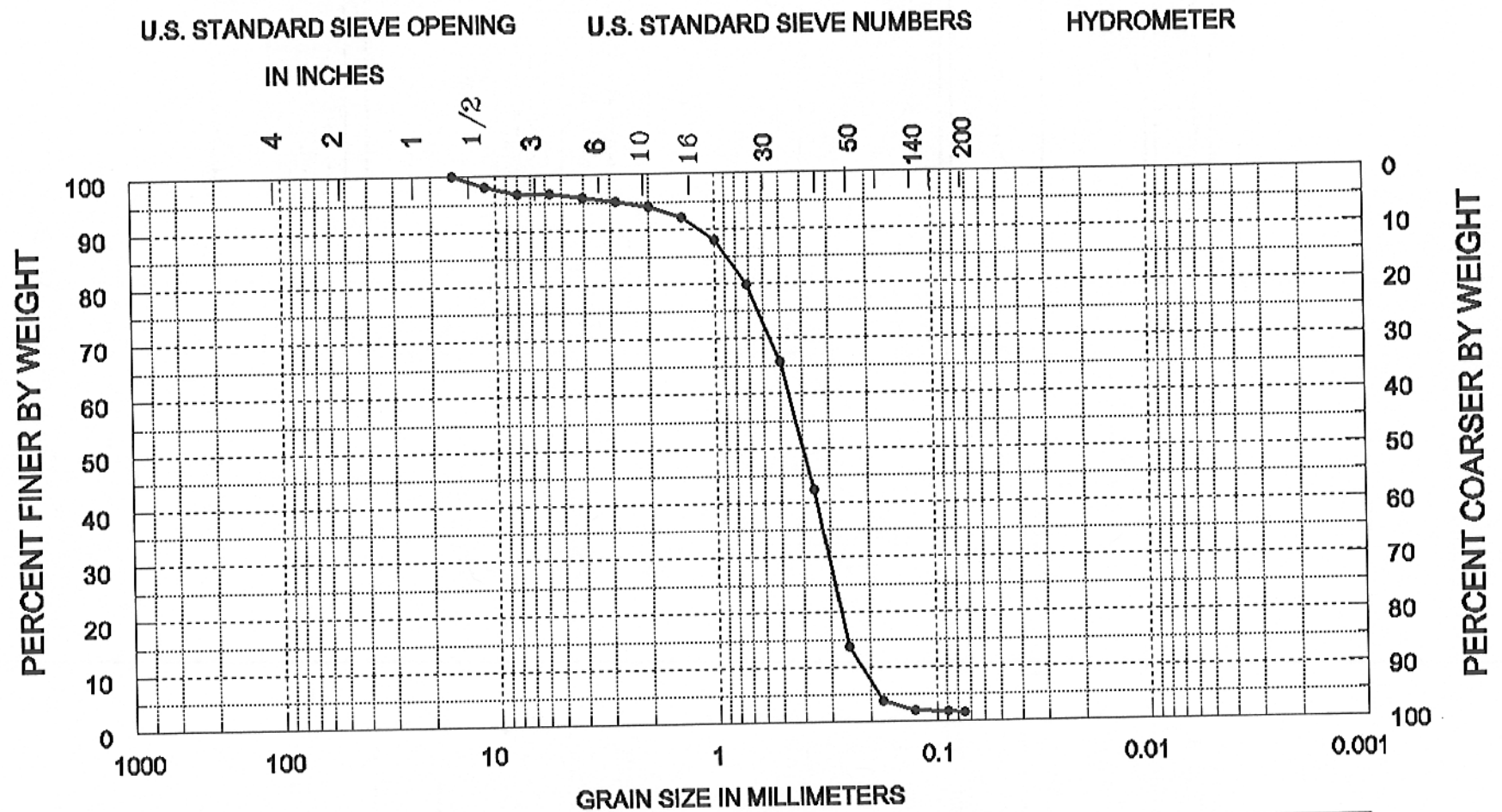
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-30.7	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-3
			DATE June,1999

Sediment Analysis Data Sheet

Sample IR-C-3-3.0

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	0.41	2.06	2.06	
	8.00	-3.00	0.24	1.23	3.29	
	5.66	-2.50	0.00	0.00	3.29	5% : -1.44 2.71
5	4.00	-2.00	0.17	0.84	4.13	16% : 0.24 0.85
7	2.83	-1.50	0.15	0.74	4.87	25% : 0.67 0.63
10	2.00	-1.00	0.21	1.08	5.95	50% : 1.34 0.40
14	1.41	-0.50	0.39	1.99	7.94	75% : 1.80 0.29
18	1.00	0.00	0.83	4.19	12.13	84% : 1.96 0.26
25	0.71	0.50	1.61	8.13	20.26	95% : 2.43 0.18
35	0.50	1.00	2.78	14.03	34.29	
45	0.35	1.50	4.63	23.38	57.67	Med. 1.34 0.40
60	0.25	2.00	5.66	28.62	86.29	Mean 0.91 0.53
80	0.18	2.50	1.98	10.01	96.30	St Dev. 1.02
120	0.13	3.00	0.33	1.64	97.95	Skew -0.35
170	0.09	3.50	0.06	0.28	98.23	Kurt. 1.40
200	0.07	3.75	0.03	0.14	98.36	
Pan			0.01	0.04	98.40	
Total			19.47	98.40	98.40	
						Moment Statistics
						Phi mm
Cu =	2.09		Gravel	4	%	Mean 1.28 0.41
			Coarse Sand	2	%	St. Dev. 1.22 0.43
			Med. Sand	40	%	Skewness -2.01
Cc =	0.92		Fine Sand	52	%	Kurtosis 7.96

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

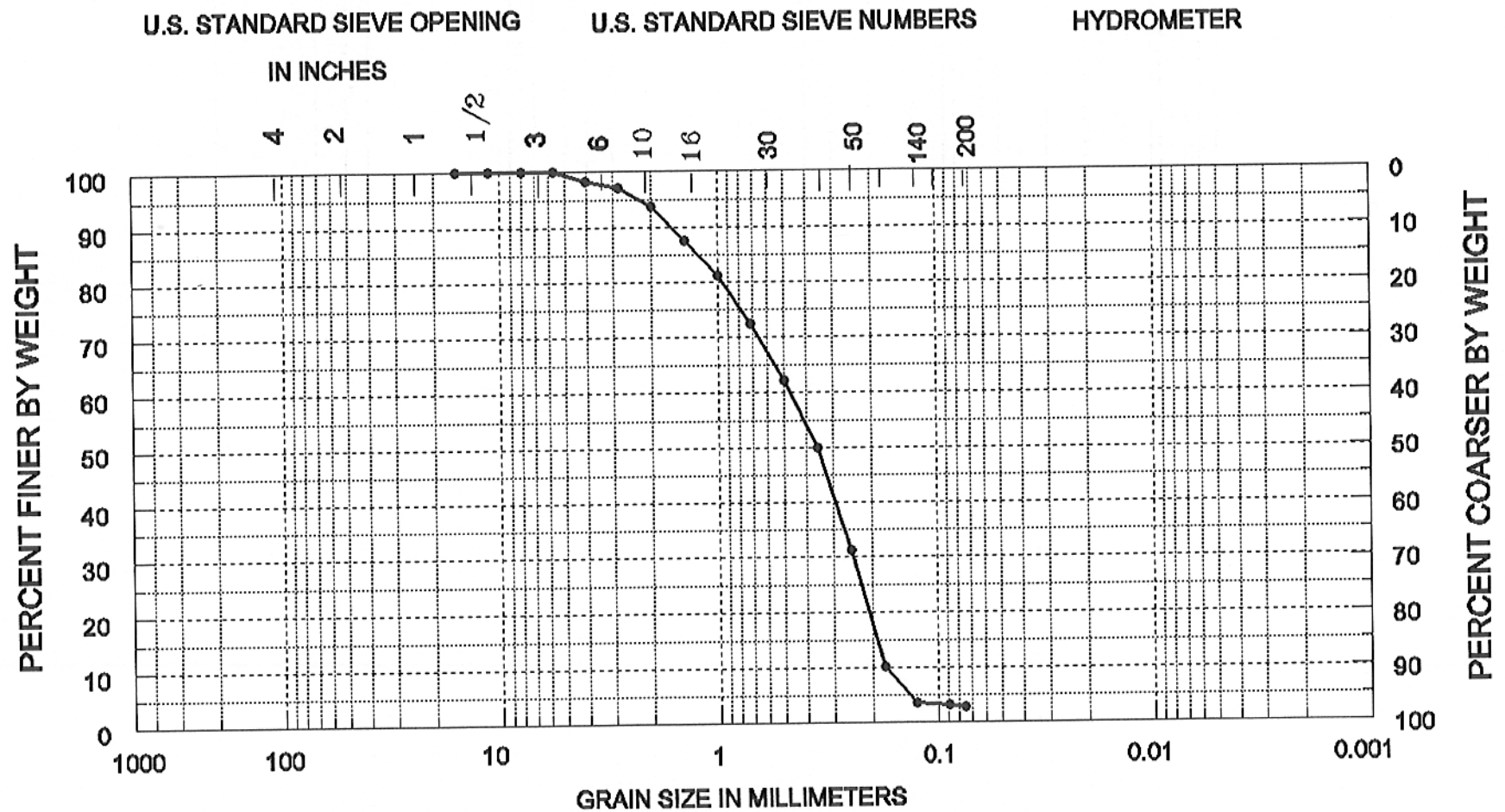
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
3.0	-33.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-3
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-3-6.0

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	4.00	-2.00	0.33	1.73	1.73	5% :	-1.20 2.30
7	2.83	-1.50	0.22	1.15	2.87	16% :	-0.22 1.17
10	2.00	-1.00	0.67	3.53	6.41	25% :	0.35 0.78
14	1.41	-0.50	1.13	6.01	12.41	50% :	1.50 0.35
18	1.00	0.00	1.22	6.47	18.88	75% :	2.15 0.23
25	0.71	0.50	1.64	8.70	27.59	84% :	2.36 0.19
35	0.50	1.00	1.91	10.14	37.72	95% :	2.89 0.13
45	0.35	1.50	2.33	12.36	50.08	Med.	1.50 0.35
60	0.25	2.00	3.52	18.67	68.76	Mean	1.07 0.48
80	0.18	2.50	3.99	21.19	89.95	St Dev.	1.27
120	0.13	3.00	1.21	6.45	96.40	Skew	-0.32
170	0.09	3.50	0.08	0.42	96.82	Kurt.	0.93
200	0.07	3.75	0.08	0.41	97.23		
Pan			0.01	0.07	97.30		
Total			18.32	97.30	97.30		
						Moment	Statistics
							Phi mm
Cu =	2.66		Gravel		1 %	Mean	1.38 0.38
			Coarse Sand		6 %	St. Dev.	1.23 0.43
			Med. Sand		37 %	Skewness	-0.74
Cc =	0.73		Fine Sand		53 %	Kurtosis	2.84

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
6.0	-36.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-3
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-3-10.0

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	0.68	3.55	3.55			
	5.66	-2.50	2.55	13.29	16.84	5%	-2.95	7.70
5	4.00	-2.00	1.46	7.60	24.44	16%	-2.53	5.78
7	2.83	-1.50	1.76	9.17	33.62	25%	-1.97	3.92
10	2.00	-1.00	1.64	8.58	42.20	50%	-0.62	1.54
14	1.41	-0.50	1.97	10.31	52.51	75%	1.42	0.37
18	1.00	0.00	1.33	6.92	59.42	84%	2.29	0.21
25	0.71	0.50	1.45	7.59	67.02	95%	3.80	0.07
35	0.50	1.00	0.89	4.65	71.67			
45	0.35	1.50	0.76	3.98	75.65	Med.	-0.62	1.54
60	0.25	2.00	0.95	4.95	80.60	Mean	-0.00	1.00
80	0.18	2.50	1.14	5.95	86.55	St Dev.	2.23	
120	0.13	3.00	0.80	4.18	90.73	Skew	0.26	
170	0.09	3.50	0.33	1.74	92.47	Kurt.	0.82	
200	0.07	3.75	0.16	0.86	93.33			
Pan			0.05	0.27	93.60			
Total			17.93	93.60	93.60			
						Moment	Statistics	
							Phi	mm
Cu =	16.46		Gravel		21 %	Mean	-0.27	1.21
			Coarse Sand		22 %	St. Dev.	1.83	0.28
			Med. Sand		31 %	Skewness	0.41	
Cc =	1.10		Fine Sand		20 %	Kurtosis	2.10	

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