

Sediment Analysis Data Sheet

Sample IR-C-11-0.5

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	0.07	0.35	0.35	5%	-0.34	1.27
5	4.00	-2.00	0.11	0.55	0.89	16%	0.59	0.67
7	2.83	-1.50	0.03	0.16	1.05	25%	0.94	0.52
10	2.00	-1.00	0.18	0.91	1.96	50%	1.49	0.36
14	1.41	-0.50	0.38	1.91	3.87	75%	1.79	0.29
18	1.00	0.00	0.72	3.59	7.47	84%	1.90	0.27
25	0.71	0.50	1.26	6.31	13.78	95%	2.18	0.22
35	0.50	1.00	2.54	12.72	26.49			
45	0.35	1.50	4.78	23.97	50.46	Med.	1.49	0.36
60	0.25	2.00	8.44	42.28	92.75	Mean	1.16	0.45
80	0.18	2.50	1.27	6.34	99.09	St Dev.	0.71	
120	0.13	3.00	0.07	0.36	99.44	Skew	-0.42	
170	0.09	3.50	0.01	0.06	99.50	Kurt.	1.22	
200	0.07	3.75	0.00	0.00	99.50			
Pan			0.00	0.00	99.50			
Total			19.85	99.50	99.50			
						Moment	Statistics	
							Phi	mm
Cu =	1.61		Gravel		1 %	Mean	1.50	0.35
			Coarse Sand		1 %	St. Dev.	0.79	0.58
			Med. Sand		37 %	Skewness	-1.75	
Cc =	0.86		Fine Sand		61 %	Kurtosis	7.31	

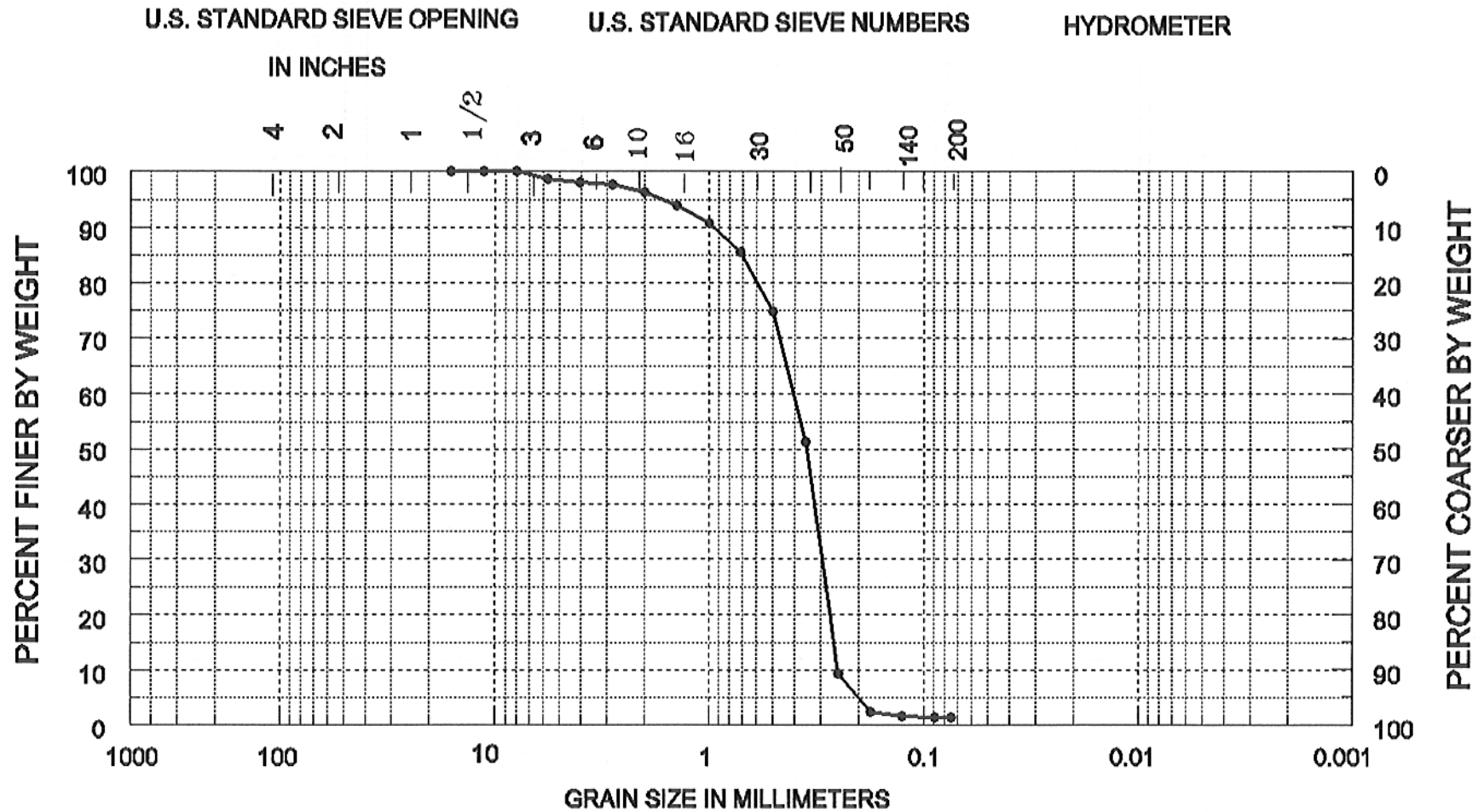
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Sediment Analysis Data Sheet

Sample IR-C-11-4.0

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	0.29	1.48	1.48	5% :	-0.74 1.67
5	4.00	-2.00	0.10	0.50	1.99	16% :	0.57 0.67
7	2.83	-1.50	0.10	0.48	2.47	25% :	1.00 0.50
10	2.00	-1.00	0.26	1.31	3.78	50% :	1.51 0.35
14	1.41	-0.50	0.47	2.39	6.16	75% :	1.81 0.28
18	1.00	0.00	0.63	3.16	9.33	84% :	1.92 0.26
25	0.71	0.50	1.03	5.21	14.53	95% :	2.31 0.20
35	0.50	1.00	2.09	10.55	25.08		
45	0.35	1.50	4.70	23.73	48.81	Med.	1.51 0.35
60	0.25	2.00	8.29	41.80	90.61	Mean	1.11 0.46
80	0.18	2.50	1.39	7.00	97.61	St Dev.	0.80
120	0.13	3.00	0.15	0.76	98.37	Skew	-0.44
170	0.09	3.50	0.04	0.20	98.57	Kurt.	1.53
200	0.07	3.75	0.03	0.13	98.70		
Pan			0.00	0.00	98.70		
Total			19.57	98.70	98.70		
						Moment	Statistics
							Phi mm
Cu =	1.60		Gravel		2 %	Mean	1.47 0.36
			Coarse	Sand	2 %	St. Dev.	0.94 0.52
			Med.	Sand	33 %	Skewness	-1.96
Cc =	0.87		Fine	Sand	62 %	Kurtosis	7.84

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

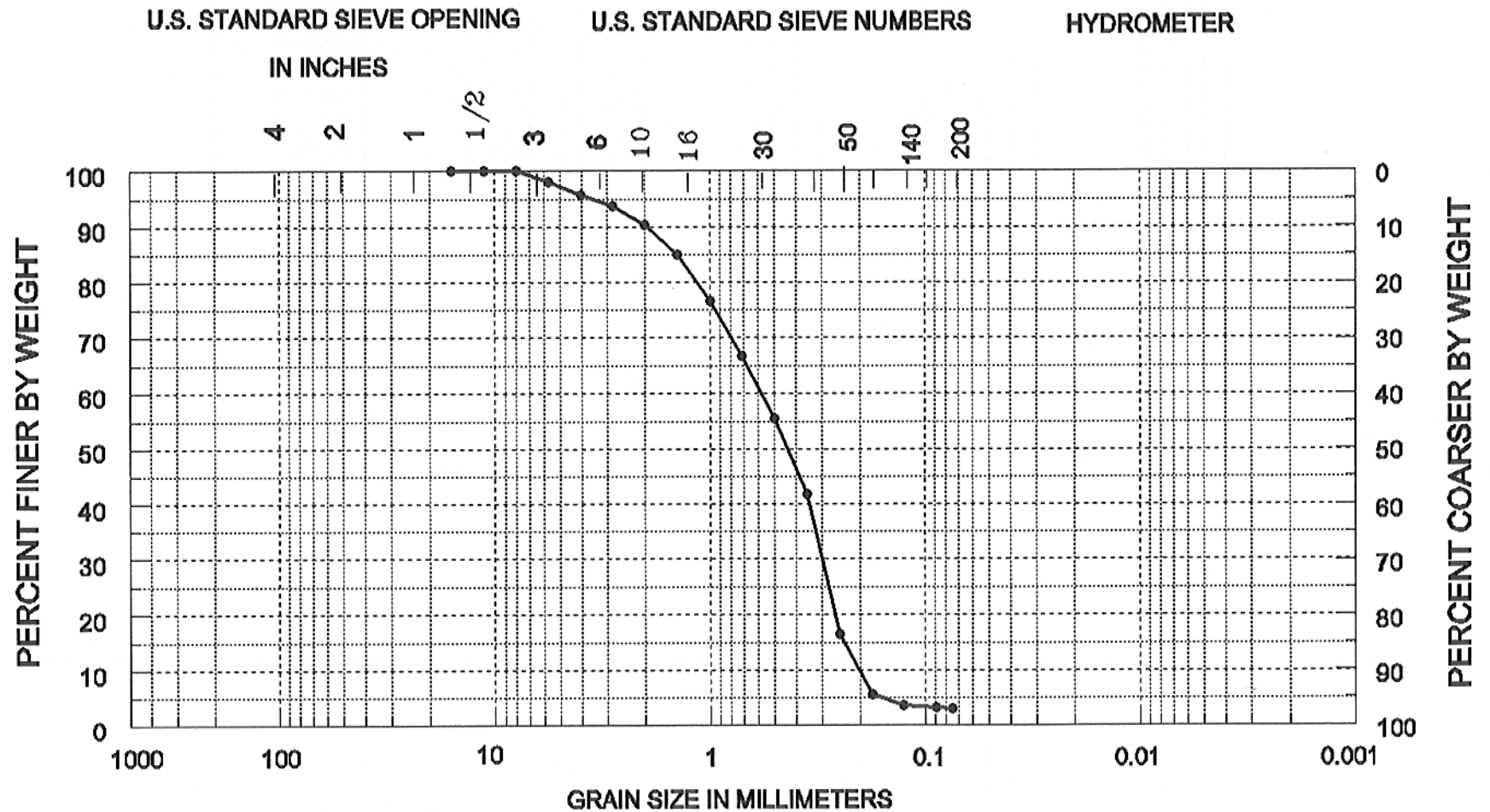
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-31.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-11
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-C-11-8.0

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	0.41	2.05	2.05	5%	-1.83 3.55
5	4.00	-2.00	0.45	2.23	4.28	16%	-0.45 1.36
7	2.83	-1.50	0.43	2.12	6.39	25%	0.08 0.95
10	2.00	-1.00	0.69	3.40	9.80	50%	1.20 0.43
14	1.41	-0.50	1.08	5.33	15.13	75%	1.83 0.28
18	1.00	0.00	1.68	8.30	23.43	84%	2.02 0.25
25	0.71	0.50	1.99	9.84	33.28	95%	2.64 0.16
35	0.50	1.00	2.26	11.19	44.47		
45	0.35	1.50	2.76	13.69	58.15	Med.	1.20 0.43
60	0.25	2.00	5.12	25.38	83.53	Mean	0.72 0.61
80	0.18	2.50	2.21	10.97	94.49	St Dev.	1.29
120	0.13	3.00	0.37	1.84	96.34	Skew	-0.35
170	0.09	3.50	0.10	0.51	96.84	Kurt.	1.04
200	0.07	3.75	0.03	0.14	96.99		
Pan			0.02	0.11	97.10		
Total			19.60	97.10	97.10		
						Moment	Statistics
							Phi mm
Cu =	2.82		Gravel		3 %	Mean	1.07 0.48
			Coarse Sand		7 %	St. Dev.	1.28 0.41
			Med. Sand		42 %	Skewness	-0.88
Cc =	0.77		Fine Sand		46 %	Kurtosis	3.23

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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	-35.2	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-11
			DATE June,1999

Sediment Analysis Data Sheet

Sample IR-C-11-14.0

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	2.49	12.76	12.76		
	8.00	-3.00	0.00	0.00	12.76		
	5.66	-2.50	0.18	0.90	13.66	5% :	-3.80 13.97
5	4.00	-2.00	1.05	5.36	19.02	16% :	-2.28 4.86
7	2.83	-1.50	1.48	7.57	26.59	25% :	-1.60 3.04
10	2.00	-1.00	1.46	7.48	34.07	50% :	0.13 0.91
14	1.41	-0.50	1.39	7.14	41.21	75% :	1.78 0.29
18	1.00	0.00	1.34	6.89	48.10	84% :	2.20 0.22
25	0.71	0.50	1.40	7.16	55.26	95% :	3.75 0.07
35	0.50	1.00	1.26	6.44	61.70		
45	0.35	1.50	1.29	6.60	68.30	Med.	0.13 0.91
60	0.25	2.00	2.31	11.85	80.14	Mean	-0.00 1.00
80	0.18	2.50	1.88	9.65	89.79	St Dev.	2.26
120	0.13	3.00	0.69	3.55	93.34	Skew	-0.06
170	0.09	3.50	0.21	1.07	94.42	Kurt.	0.91
200	0.07	3.75	0.10	0.50	94.91		
Pan			0.02	0.09	95.00		
Total			18.53	95.00	95.00		
						Moment	Statistics
							Phi mm
Cu =	8.66		Gravel	16	%	Mean	0.04 0.97
			Coarse Sand	18	%	St. Dev.	2.03 0.24
			Med. Sand	31	%	Skewness	-0.31
Cc =	0.44		Fine Sand	30	%	Kurtosis	2.02

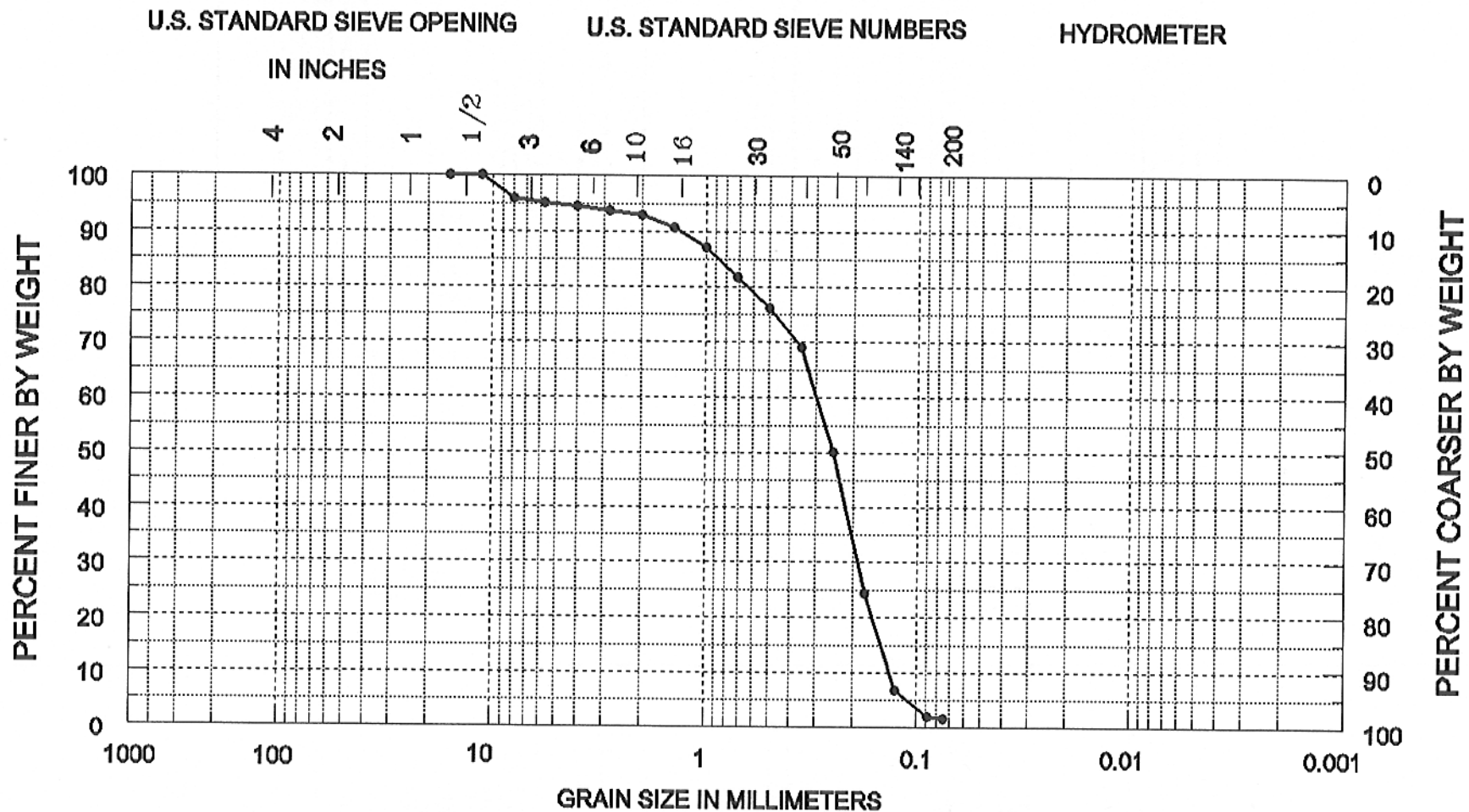
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Sediment Analysis Data Sheet

Sample IR-C-11-18.0

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	0.84	4.21	4.21		
	5.66	-2.50	0.13	0.66	4.87	5% :	-2.41 5.33
5	4.00	-2.00	0.15	0.76	5.63	16% :	0.30 0.81
7	2.83	-1.50	0.13	0.64	6.27	25% :	1.09 0.47
10	2.00	-1.00	0.16	0.81	7.08	50% :	2.00 0.25
14	1.41	-0.50	0.43	2.17	9.26	75% :	2.49 0.18
18	1.00	0.00	0.71	3.54	12.80	84% :	2.74 0.15
25	0.71	0.50	1.08	5.40	18.20	95% :	3.19 0.11
35	0.50	1.00	1.10	5.49	23.69		
45	0.35	1.50	1.44	7.23	30.92	Med.	2.00 0.25
60	0.25	2.00	3.78	18.96	49.87	Mean	1.16 0.45
80	0.18	2.50	5.13	25.72	75.59	St Dev.	1.46
120	0.13	3.00	3.51	17.58	93.18	Skew	-0.49
170	0.09	3.50	0.98	4.92	98.09	Kurt.	1.64
200	0.07	3.75	0.08	0.41	98.50		
Pan			0.00	0.00	98.50		
Total			19.65	98.50	98.50		
						Moment	Statistics
							Phi mm
Cu =	2.25		Gravel		5 %	Mean	1.77 0.29
			Coarse	Sand	2 %	St. Dev.	1.51 0.35
			Med.	Sand	20 %	Skewness	-1.70
Cc =	0.91		Fine	Sand	71 %	Kurtosis	5.63

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
18.0	-45.2	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-C-11
			DATE June, 1999