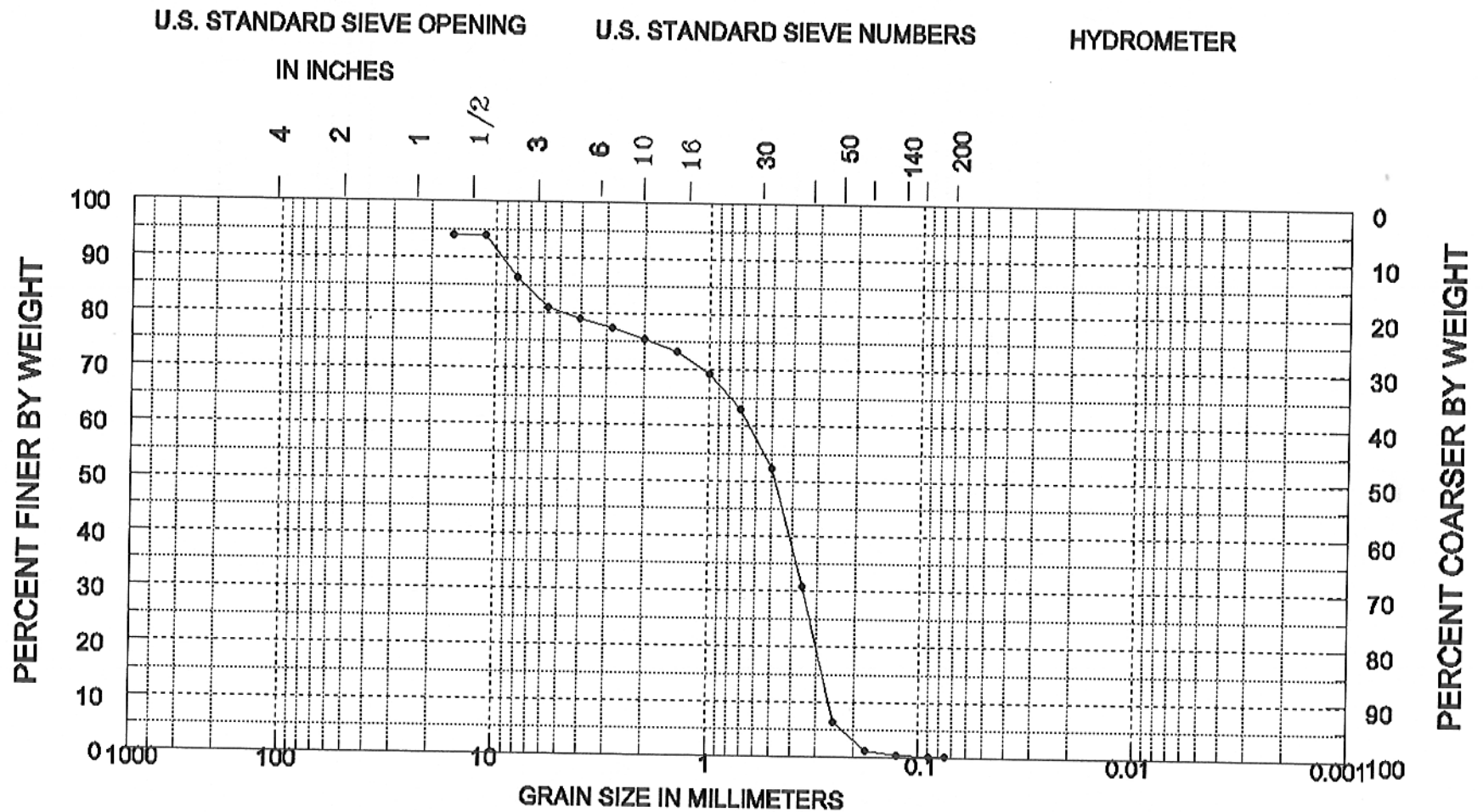


# Sediment Analysis Data Sheet

Sample IR-S-3-0.5

Sieve	Size (mm)	Phi size	Wt %	Wt %	Cuml %	Folk	Statistics phi mm
	16.00	-4.00	1.33	6.05	6.05		
	11.31	-3.50	0.00	0.00	6.05		
	8.00	-3.00	1.68	7.66	13.71		
	5.66	-2.50	1.15	5.25	18.96	5% :	-4.05 16.56
5	4.00	-2.00	0.44	2.02	20.98	16% :	-2.78 6.88
7	2.83	-1.50	0.36	1.64	22.62	25% :	-0.88 1.84
10	2.00	-1.00	0.41	1.86	24.48	50% :	1.05 0.48
14	1.41	-0.50	0.48	2.18	26.66	75% :	1.62 0.33
18	1.00	0.00	0.87	3.98	30.64	84% :	1.80 0.29
25	0.71	0.50	1.39	6.35	36.99	95% :	2.13 0.23
35	0.50	1.00	2.35	10.72	47.71		
45	0.35	1.50	4.72	21.50	69.21	Med.	1.05 0.48
60	0.25	2.00	5.36	24.43	93.63	Mean	-0.37 1.29
80	0.18	2.50	1.14	5.18	98.81	St Dev.	2.08
120	0.13	3.00	0.18	0.83	99.65	Skew	-0.66
170	0.09	3.50	0.02	0.10	99.75	Kurt.	1.01
200	0.07	3.75	0.01	0.05	99.80		
Pan			0.00	0.00	99.80		
Total			21.90	99.80	99.80		
						Moment	Statistics
							Phi mm
Cu =	2.44		Gravel		20 %	Mean	0.35 0.79
			Coarse Sand		5 %	St. Dev.	2.09 0.23
			Med. Sand		34 %	Skewness	-1.03
Cc =	0.72		Fine Sand		41 %	Kurtosis	2.60

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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	-28.8	Medium to fine sand and gravel (SP)	AREA Indian River County
			BORING NO. IR-S-3
			DATE June, 1999

## Sediment Analysis Data Sheet

Sample IR-S-3-4.0

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	0.20	0.84	0.84			
5	4.00	-2.00	0.02	0.09	0.93	5% :	-0.04	1.03
7	2.83	-1.50	0.20	0.82	1.75	16% :	1.21	0.43
10	2.00	-1.00	0.16	0.67	2.42	25% :	1.61	0.33
14	1.41	-0.50	0.26	1.08	3.51	50% :	2.13	0.23
18	1.00	0.00	0.39	1.61	5.12	75% :	2.45	0.18
25	0.71	0.50	0.69	2.88	8.00	84% :	2.64	0.16
35	0.50	1.00	1.07	4.46	12.47	95% :	2.96	0.13
45	0.35	1.50	2.05	8.55	21.02	Med.	2.13	0.23
60	0.25	2.00	4.51	18.87	39.89	Mean	1.78	0.29
80	0.18	2.50	9.40	39.33	79.22	St Dev.	0.81	
120	0.13	3.00	4.11	17.19	96.41	Skew	-0.37	
170	0.09	3.50	0.16	0.65	97.06	Kurt.	1.46	
200	0.07	3.75	0.36	1.50	98.56			
Pan			0.01	0.04	98.60			
Total			23.57	98.60	98.60			
						Moment Statistics		
							Phi	mm
Cu =	1.76	Gravel		1	%	Mean	2.12	0.23
		Coarse Sand		2	%	St. Dev.	1.00	0.50
		Med. Sand		14	%	Skewness	-2.19	
Cc =	1.03	Fine Sand		82	%	Kurtosis	9.43	

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# Sediment Analysis Data Sheet

Sample IR-S-3-8.0

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	0.18	0.84	0.84	5% :	-1.31 2.48
5	4.00	-2.00	0.36	1.69	2.54	16% :	0.79 0.58
7	2.83	-1.50	0.43	1.99	4.52	25% :	1.57 0.34
10	2.00	-1.00	0.27	1.27	5.80	50% :	2.29 0.20
14	1.41	-0.50	0.42	1.95	7.75	75% :	2.86 0.14
18	1.00	0.00	0.52	2.42	10.17	84% :	3.24 0.11
25	0.71	0.50	0.73	3.39	13.56	95% :	4.00 0.06
35	0.50	1.00	0.89	4.15	17.71		
45	0.35	1.50	1.16	5.39	23.10	Med.	2.29 0.20
60	0.25	2.00	2.93	13.64	36.74	Mean	1.80 0.29
80	0.18	2.50	4.96	23.07	59.81	St Dev.	1.42
120	0.13	3.00	4.59	21.37	81.18	Skew	-0.29
170	0.09	3.50	1.24	5.78	86.96	Kurt.	1.69
200	0.07	3.75	0.82	3.82	90.78		
Pan			0.16	0.72	91.50		
Total			19.66	91.50	91.50		
						Moment	Statistics
							Phi mm
Cu =	2.98		Gravel		2 %	Mean	2.02 0.25
			Coarse Sand		4 %	St. Dev.	1.40 0.38
			Med. Sand		15 %	Skewness	-1.55
Cc =	1.18		Fine Sand		70 %	Kurtosis	5.09

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## Sediment Analysis Data Sheet

Sample IR-S-3-14.0

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	0.00	0.00	0.00		
	5.66	-2.50	0.00	0.00	0.00		
5	4.00	-2.00	0.30	1.54	1.54	5%	-1.46 2.76
7	2.83	-1.50	0.63	3.20	4.74	16%	-0.43 1.35
10	2.00	-1.00	0.69	3.53	8.27	25%	-0.03 1.02
14	1.41	-0.50	1.22	6.23	14.49	50%	0.53 0.69
18	1.00	0.00	2.21	11.30	25.79	75%	0.96 0.51
25	0.71	0.50	4.44	22.68	48.47	84%	1.28 0.41
35	0.50	1.00	5.61	28.65	77.12	95%	2.66 0.16
45	0.35	1.50	2.44	12.45	89.57	Med.	0.53 0.69
60	0.25	2.00	0.36	1.84	91.41	Mean	0.51 0.70
80	0.18	2.50	0.50	2.55	93.96	St Dev.	1.05
120	0.13	3.00	0.64	3.27	97.23	Skew	-0.04
170	0.09	3.50	0.10	0.53	97.76	Kurt.	1.69
200	0.07	3.75	0.02	0.10	97.86		
Pan			0.01	0.04	97.90		
Total			19.16	97.90	97.90		
						Moment	Statistics
							Phi mm
Cu =	2.47	Gravel		1	%	Mean	0.64 0.64
		Coarse Sand		7	%	St. Dev.	1.06 0.48
		Med. Sand		75	%	Skewness	-0.31
Cc =	1.13	Fine Sand		15	%	Kurtosis	3.86

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