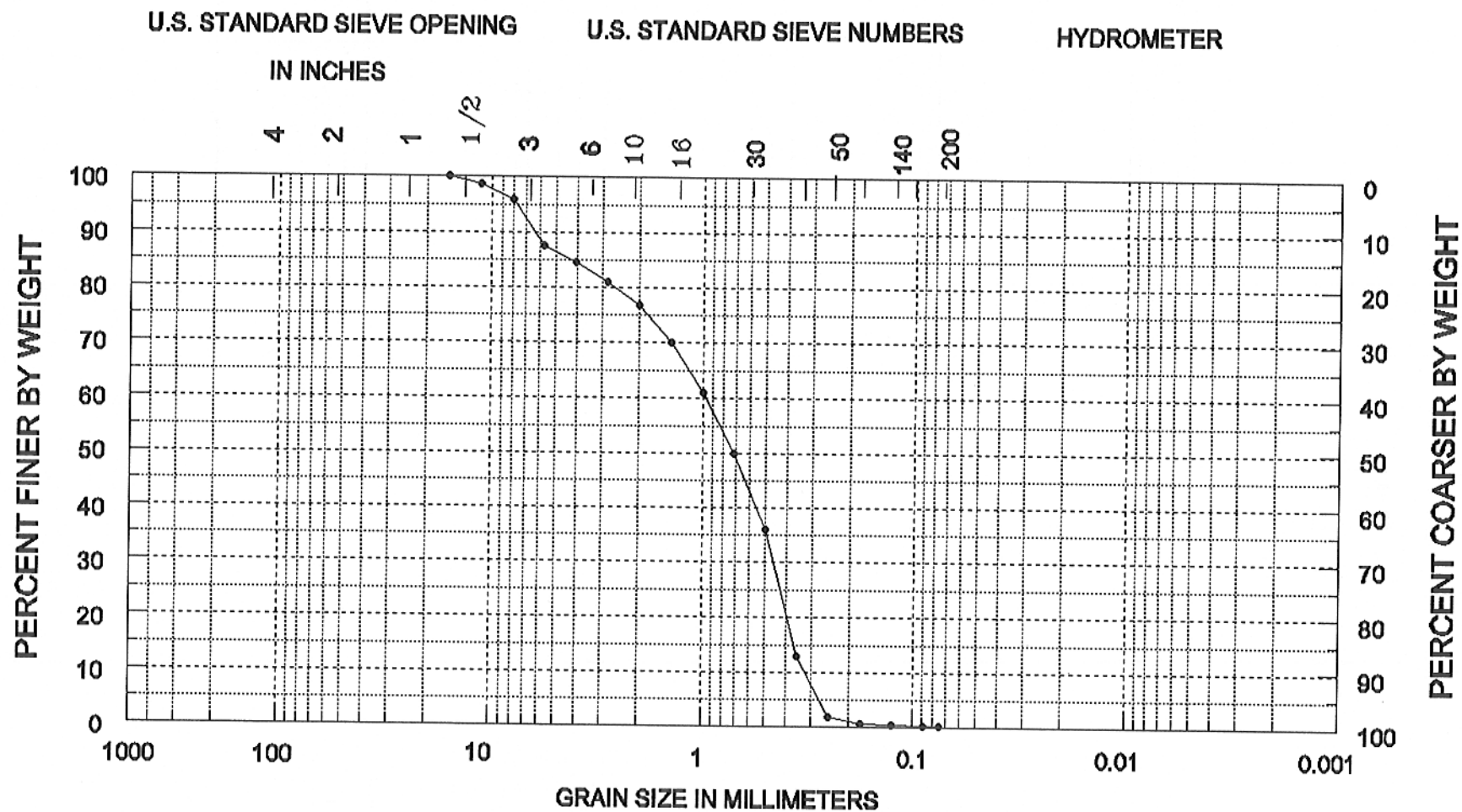


## Sediment Analysis Data Sheet

Sample IR-S-4-0.5

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	0.27	1.36	1.36			
	8.00	-3.00	0.57	2.84	4.20			
	5.66	-2.50	1.65	8.19	12.38	5% :	-2.95	7.73
5	4.00	-2.00	0.63	3.11	15.49	16% :	-1.93	3.81
7	2.83	-1.50	0.72	3.59	19.09	25% :	-0.86	1.82
10	2.00	-1.00	0.81	4.04	23.13	50% :	0.49	0.71
14	1.41	-0.50	1.37	6.78	29.91	75% :	1.24	0.42
18	1.00	0.00	1.82	9.05	38.95	84% :	1.43	0.37
25	0.71	0.50	2.26	11.21	50.16	95% :	1.85	0.28
35	0.50	1.00	2.79	13.85	64.01			
45	0.35	1.50	4.67	23.17	87.18	Med.	0.49	0.71
60	0.25	2.00	2.23	11.06	98.25	Mean	-0.22	1.17
80	0.18	2.50	0.24	1.18	99.42	St Dev.	1.57	
120	0.13	3.00	0.05	0.23	99.66	Skew	-0.44	
170	0.09	3.50	0.02	0.08	99.74	Kurt.	0.94	
200	0.07	3.75	0.01	0.06	99.80			
Pan			0.00	0.00	99.80			
Total			20.10	99.80	99.80			
						Moment Statistics		
							Phi	mm
Cu =	2.99		Gravel		14 %	Mean	0.20	0.87
			Coarse	Sand	9 %	St. Dev.	1.64	0.32
			Med.	Sand	52 %	Skewness	-0.81	
Cc =	0.67		Fine	Sand	24 %	Kurtosis	2.50	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

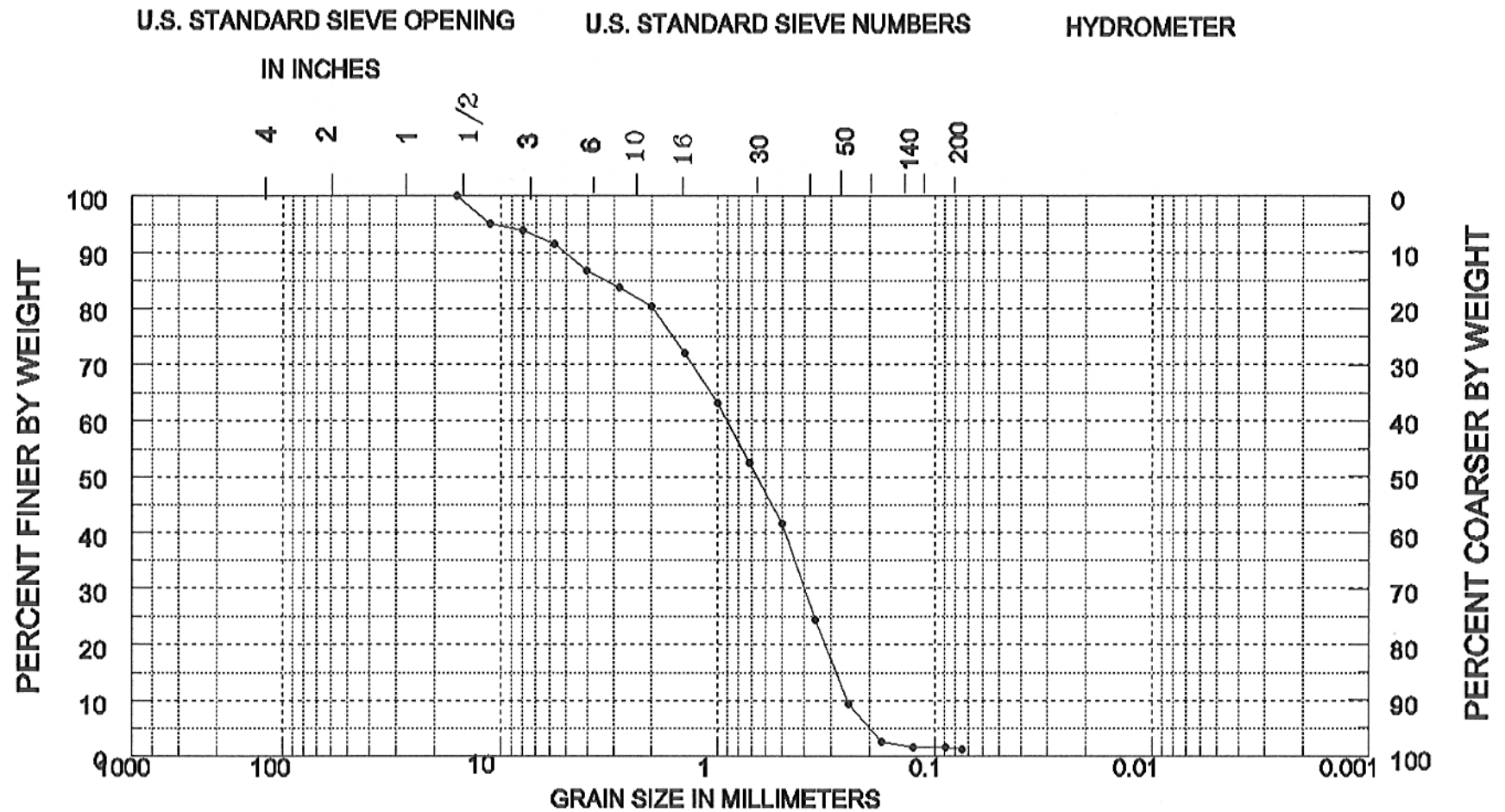
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
0.5	-23.8	Medium sand (SP)	Indian River County-ATM
			AREA Indian River County
			BORING NO. IR-S-4
			DATE June, 1999

## Sediment Analysis Data Sheet

Sample IR-S-4-4.0

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	0.99	4.94	4.94		
	8.00	-3.00	0.26	1.28	6.22		
	5.66	-2.50	0.48	2.37	8.58		
5	4.00	-2.00	0.94	4.66	13.24	5% :	-3.48 11.12
7	2.83	-1.50	0.60	2.98	16.22	16% :	-1.54 2.90
10	2.00	-1.00	0.68	3.37	19.59	25% :	-0.68 1.60
14	1.41	-0.50	1.67	8.33	27.92	50% :	0.61 0.65
18	1.00	0.00	1.80	8.98	36.90	75% :	1.48 0.36
25	0.71	0.50	2.13	10.60	47.49	84% :	1.78 0.29
35	0.50	1.00	2.19	10.92	58.41	95% :	2.32 0.20
45	0.35	1.50	3.48	17.33	75.74	Med.	0.61 0.65
60	0.25	2.00	3.00	14.95	90.69	Mean	-0.06 1.04
80	0.18	2.50	1.34	6.66	97.36	St Dev.	1.71
120	0.13	3.00	0.19	0.97	98.32	Skew	-0.35
170	0.09	3.50	0.02	0.11	98.43	Kurt.	1.10
200	0.07	3.75	0.07	0.34	98.78		
Pan			0.01	0.02	98.80		
Total			19.83	98.80	98.80		
						Moment	Statistics
							Phi mm
Cu =	3.56		Gravel		11 %	Mean	0.38 0.77
			Coarse	Sand	9 %	St. Dev.	1.74 0.30
			Med.	Sand	47 %	Skewness	-0.85
Cc =	0.69		Fine	Sand	32 %	Kurtosis	2.88

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

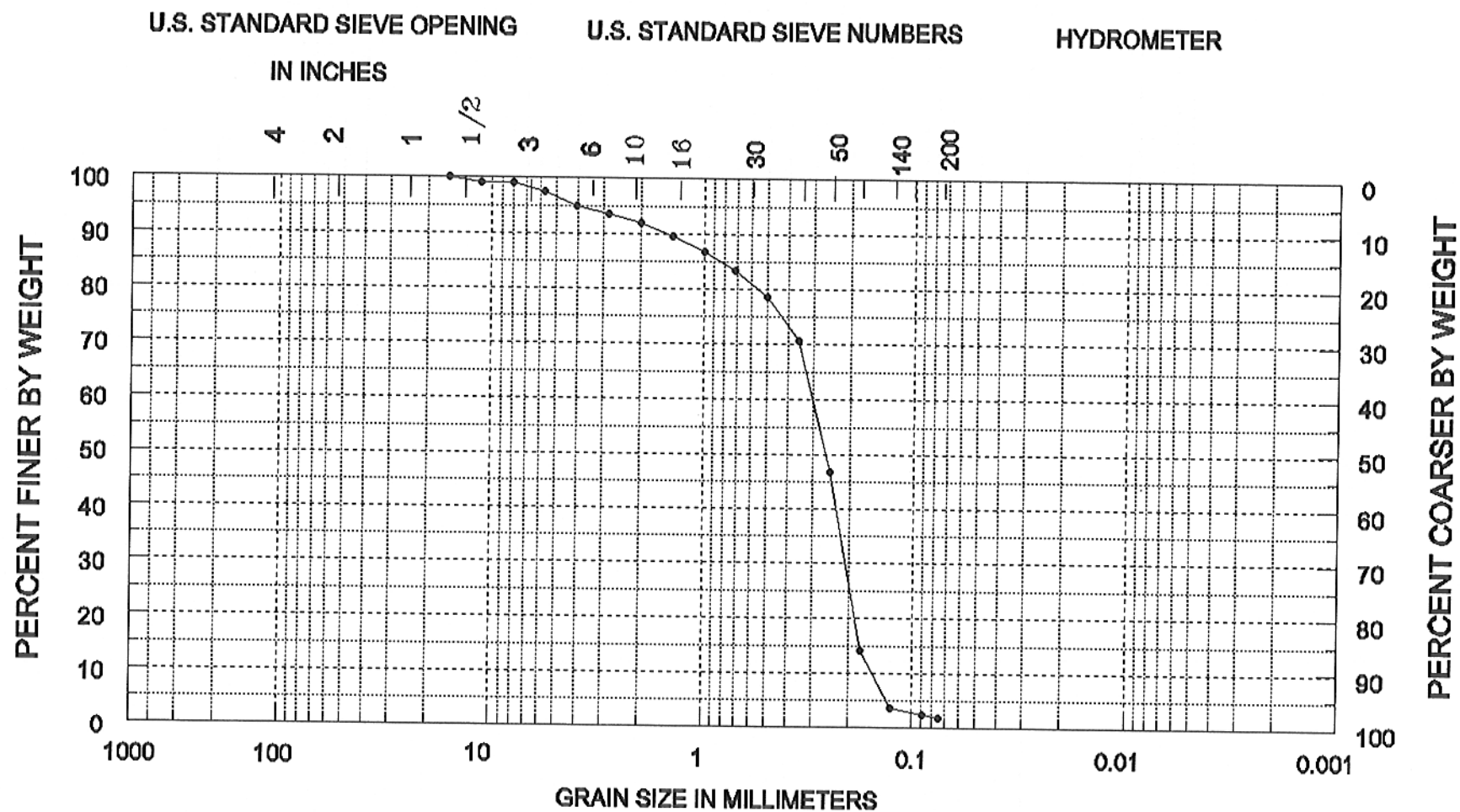
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-27.3	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-4
			DATE June, 1999

# Sediment Analysis Data Sheet

Sample IR-S-4-8.0

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	0.18	0.92	0.92			
	8.00	-3.00	0.00	0.00	0.92			
	5.66	-2.50	0.32	1.64	2.57	5% :	-2.01	4.03
5	4.00	-2.00	0.49	2.49	5.06	16% :	0.41	0.75
7	2.83	-1.50	0.27	1.38	6.44	25% :	1.23	0.43
10	2.00	-1.00	0.33	1.69	8.13	50% :	1.93	0.26
14	1.41	-0.50	0.46	2.34	10.47	75% :	2.33	0.20
18	1.00	0.00	0.55	2.81	13.28	84% :	2.47	0.18
25	0.71	0.50	0.64	3.29	16.57	95% :	2.93	0.13
35	0.50	1.00	0.93	4.77	21.34			
45	0.35	1.50	1.54	7.91	29.25	Med.	1.93	0.26
60	0.25	2.00	4.69	24.04	53.30	Mean	1.15	0.45
80	0.18	2.50	6.38	32.71	86.01	St Dev.	1.26	
120	0.13	3.00	2.04	10.48	96.49	Skew	-0.54	
170	0.09	3.50	0.22	1.10	97.59	Kurt.	1.84	
200	0.07	3.75	0.14	0.71	98.30			
Pan			0.00	0.00	98.30			
Total			19.16	98.30	98.30			
						Moment	Statistics	
							Phi	mm
Cu =	1.95		Gravel		4 %	Mean	1.69	0.31
			Coarse	Sand	4 %	St. Dev.	1.45	0.37
			Med.	Sand	17 %	Skewness	-1.82	
Cc =	0.94		Fine	Sand	73 %	Kurtosis	5.86	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

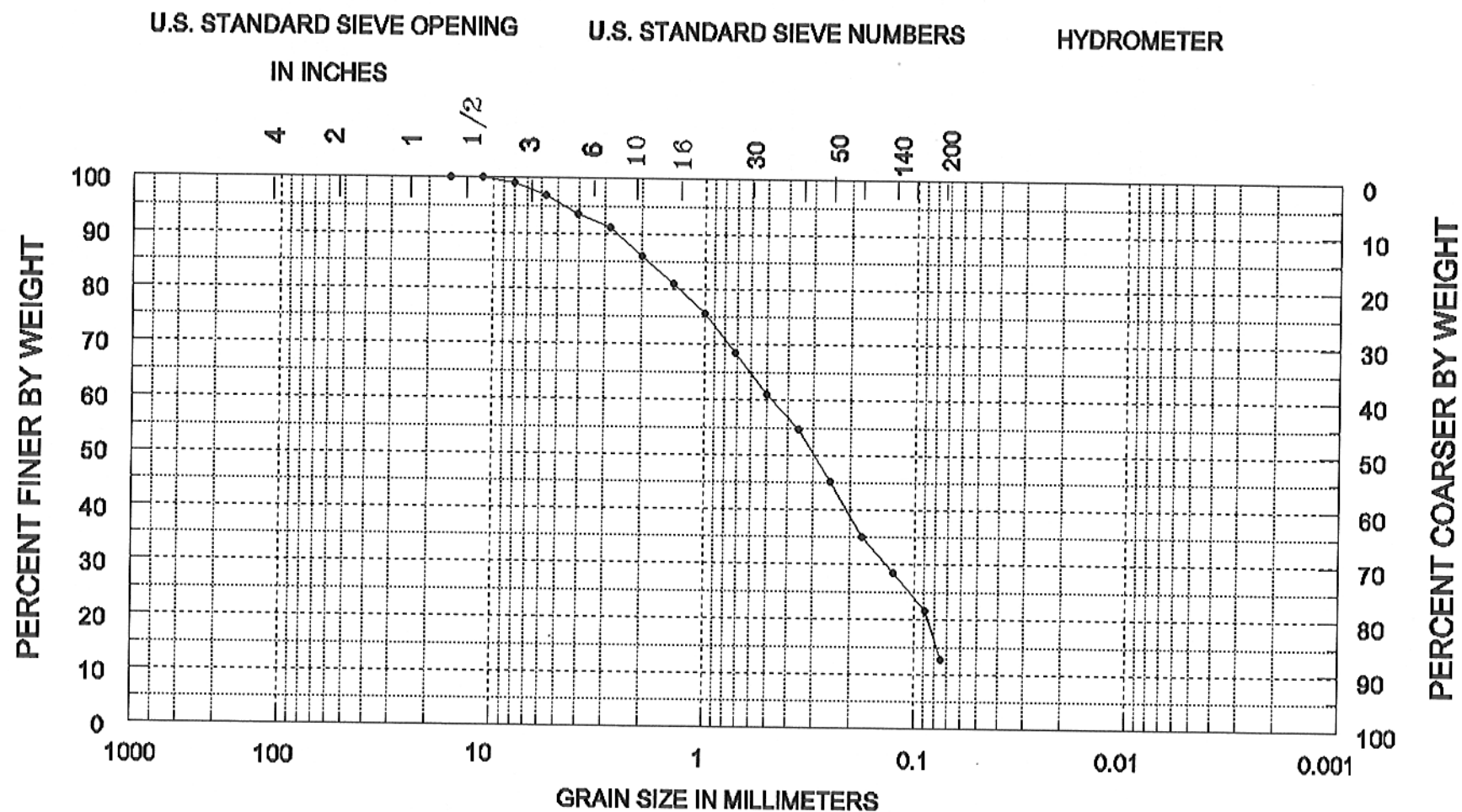
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-31.3	Fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-4
			DATE June,1999

## Sediment Analysis Data Sheet

Sample IR-S-4-15.0

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	0.22	1.02	1.02			
	5.66	-2.50	0.47	2.17	3.19	5% :	-2.23	4.70
5	4.00	-2.00	0.73	3.38	6.57	16% :	-0.81	1.75
7	2.83	-1.50	0.51	2.35	8.92	25% :	0.04	0.97
10	2.00	-1.00	1.12	5.20	14.11	50% :	1.74	0.30
14	1.41	-0.50	1.07	4.95	19.07	75% :	3.25	0.10
18	1.00	0.00	1.14	5.30	24.37	84% :	3.57	0.08
25	0.71	0.50	1.55	7.22	31.58	95% :	3.80	0.07
35	0.50	1.00	1.62	7.51	39.09			
45	0.35	1.50	1.36	6.33	45.42	Med.	1.74	0.30
60	0.25	2.00	2.04	9.49	54.91	Mean	1.21	0.43
80	0.18	2.50	2.18	10.13	65.04	St Dev.	2.01	
120	0.13	3.00	1.40	6.52	71.55	Skew	-0.24	
170	0.09	3.50	1.47	6.83	78.38	Kurt.	0.77	
200	0.07	3.75	1.91	8.85	87.23			
Pan			0.21	0.97	88.20			
Total			19.00	88.20	88.20			
						Moment	Statistics	
							Phi	mm
Cu =	0.48		Gravel		5 %	Mean	1.25	0.42
			Coarse Sand		9 %	St. Dev.	1.89	0.27
			Med. Sand		28 %	Skewness	-0.51	
Cc =	0.04		Fine Sand		45 %	Kurtosis	2.30	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
15.0	-38.3	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-4
			DATE June, 1999