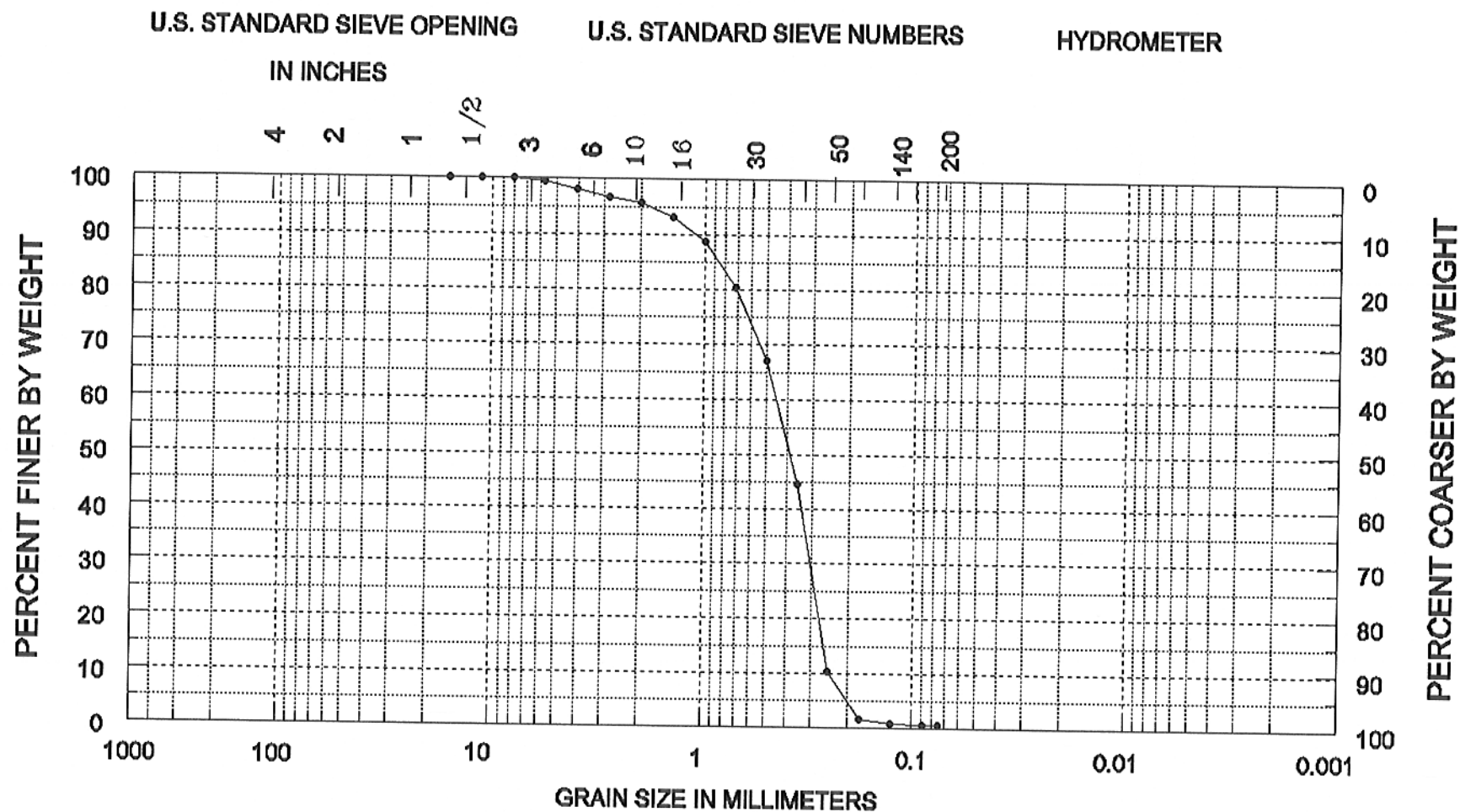


# Sediment Analysis Data Sheet

Sample IR-S-2-0.5

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	0.14	0.69	0.69	5%	-0.89 1.85
5	4.00	-2.00	0.24	1.19	1.89	16%	0.29 0.82
7	2.83	-1.50	0.31	1.57	3.45	25%	0.71 0.61
10	2.00	-1.00	0.19	0.97	4.42	50%	1.38 0.38
14	1.41	-0.50	0.50	2.54	6.96	75%	1.79 0.29
18	1.00	0.00	0.86	4.33	11.29	84%	1.92 0.26
25	0.71	0.50	1.63	8.25	19.54	95%	2.31 0.20
35	0.50	1.00	2.62	13.26	32.80		
45	0.35	1.50	4.46	22.55	55.36	Med.	1.38 0.38
60	0.25	2.00	6.79	34.33	89.69	Mean	1.00 0.50
80	0.18	2.50	1.71	8.63	98.32	St Dev.	0.89
120	0.13	3.00	0.19	0.95	99.27	Skew	-0.38
170	0.09	3.50	0.02	0.09	99.36	Kurt.	1.21
200	0.07	3.75	0.03	0.14	99.50		
Pan			0.00	0.00	99.50		
Total			19.68	99.50	99.50		
						Moment	Statistics
							Phi mm
Cu =	1.81		Gravel		1 %	Mean	1.35 0.39
			Coarse	Sand	3 %	St. Dev.	1.03 0.49
			Med.	Sand	40 %	Skewness	-1.64
Cc =	0.84		Fine	Sand	55 %	Kurtosis	6.16

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

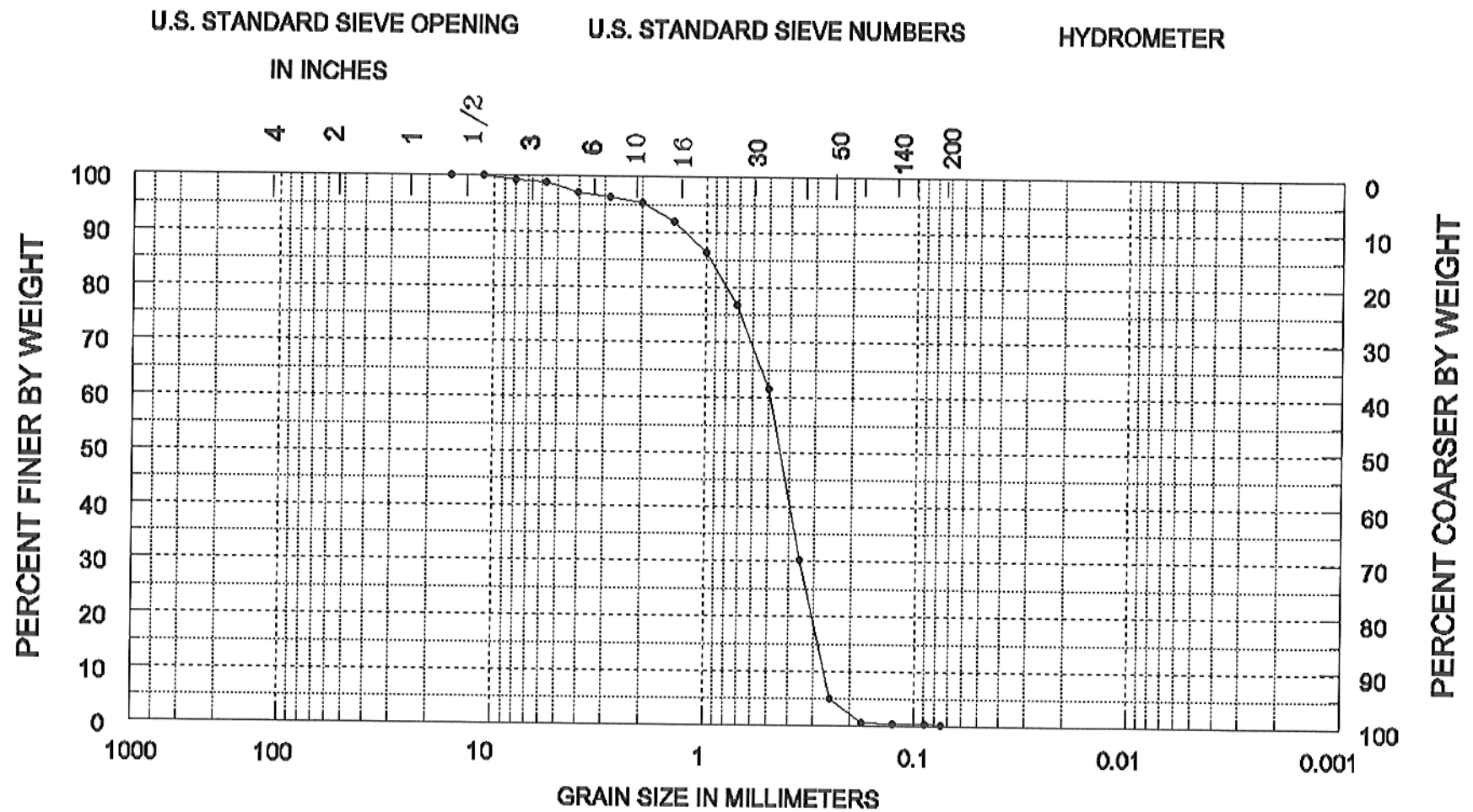
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-24.5	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-2
			DATE June, 1999

## Sediment Analysis Data Sheet

Sample IR-S-2-4.0

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	0.17	0.83	0.83			
	5.66	-2.50	0.09	0.41	1.24			
5	4.00	-2.00	0.38	1.82	3.06	5% :	-0.95	1.93
7	2.83	-1.50	0.15	0.72	3.78	16% :	0.12	0.92
10	2.00	-1.00	0.18	0.87	4.66	25% :	0.56	0.68
14	1.41	-0.50	0.73	3.51	8.16	50% :	1.19	0.44
18	1.00	0.00	1.14	5.47	13.64	75% :	1.60	0.33
25	0.71	0.50	2.00	9.62	23.25	84% :	1.78	0.29
35	0.50	1.00	3.15	15.13	38.39	95% :	2.00	0.25
45	0.35	1.50	6.54	31.37	69.76	Med.	1.19	0.44
60	0.25	2.00	5.28	25.32	95.08	Mean	0.83	0.56
80	0.18	2.50	0.90	4.31	99.39	St Dev.	0.86	
120	0.13	3.00	0.06	0.27	99.66	Skew	-0.36	
170	0.09	3.50	0.00	0.00	99.66	Kurt.	1.16	
200	0.07	3.75	0.03	0.14	99.80			
Pan			0.00	0.00	99.80			
Total			20.79	99.80	99.80			
						Moment Statistics		
							Phi	mm
Cu =	1.83	Gravel		2	%	Mean	1.17	0.44
		Coarse Sand		3	%	St. Dev.	1.05	0.48
		Med. Sand		49	%	Skewness	-1.78	
Cc =	0.94	Fine Sand		46	%	Kurtosis	6.86	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

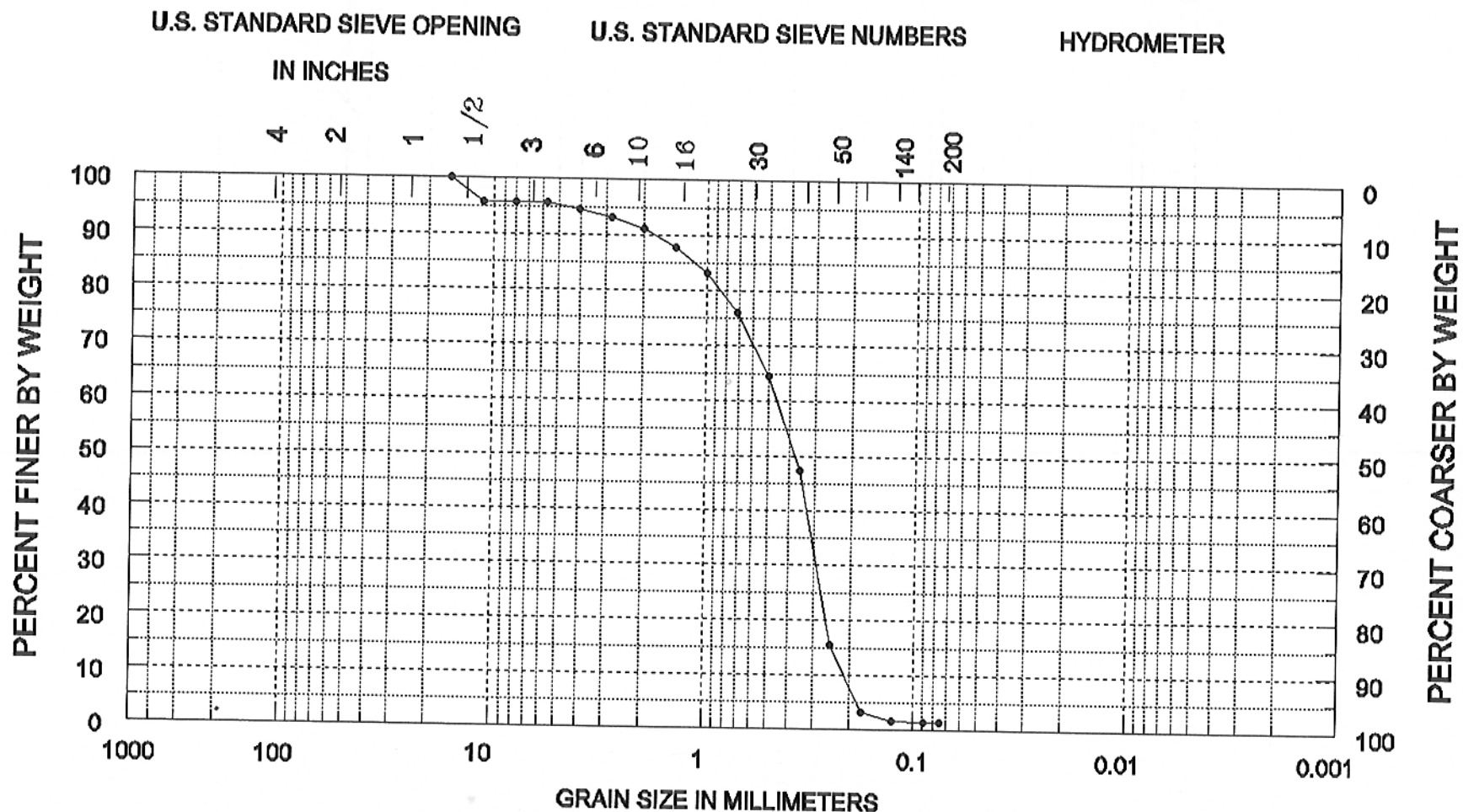
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
4.0	-28.0	Medium to fine sand	AREA Indian River County
			BORING NO. IR-S-2
			DATE June, 1999

## Sediment Analysis Data Sheet

Sample IR-S-2-8.0

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	0.92	4.43	4.43	
	8.00	-3.00	0.00	0.00	4.43	
	5.66	-2.50	0.00	0.00	4.43	
5	4.00	-2.00	0.25	1.21	5.64	5% : -2.26 4.80
7	2.83	-1.50	0.29	1.38	7.02	16% : -0.09 1.06
10	2.00	-1.00	0.41	1.94	8.96	25% : 0.54 0.69
14	1.41	-0.50	0.70	3.34	12.30	50% : 1.42 0.37
18	1.00	0.00	0.94	4.52	16.82	75% : 1.85 0.28
25	0.71	0.50	1.50	7.21	24.03	84% : 1.99 0.25
35	0.50	1.00	2.37	11.37	35.40	95% : 2.43 0.19
45	0.35	1.50	3.59	17.22	52.62	Med. 1.42 0.37
60	0.25	2.00	6.68	32.02	84.64	Mean 0.70 0.62
80	0.18	2.50	2.52	12.11	96.74	St Dev. 1.23
120	0.13	3.00	0.33	1.59	98.34	Skew -0.51
170	0.09	3.50	0.06	0.27	98.61	Kurt. 1.47
200	0.07	3.75	0.02	0.09	98.70	
Pan			0.00	0.00	98.70	
Total			20.58	98.70	98.70	
						Moment Statistics
						Phi mm
Cu =	2.13	Gravel		5	%	Mean 1.16 0.45
		Coarse Sand		4	%	St. Dev. 1.49 0.36
		Med. Sand		35	%	Skewness -1.84
Cc =	0.88	Fine Sand		55	%	Kurtosis 6.24

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

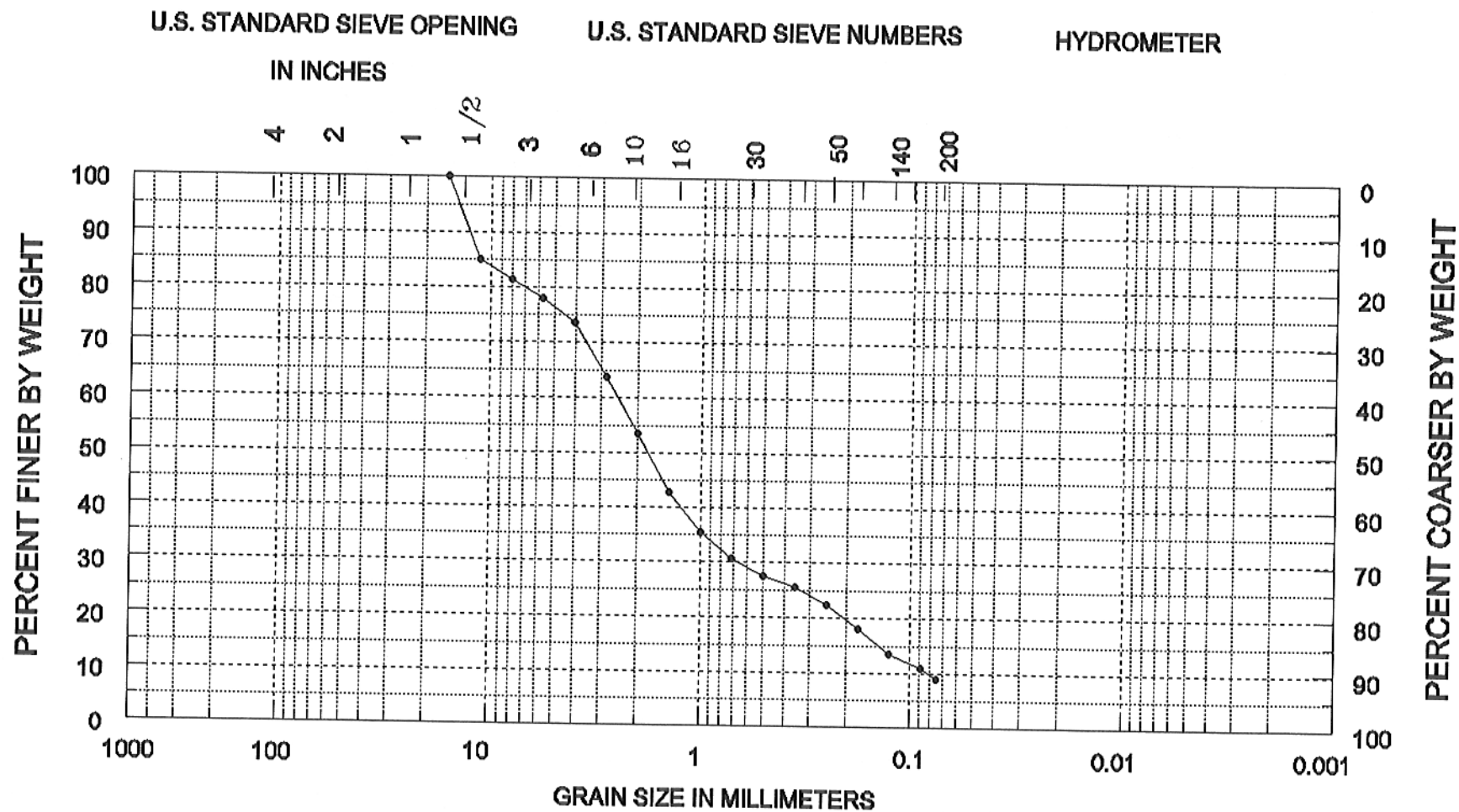
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
8.0	-32.0	Medium to fine sand	Indian River County-ATM
			AREA Indian River County
			BORING NO. IR-S-2
			DATE June, 1999

# Sediment Analysis Data Sheet

Sample IR-S-2-16.0

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	2.97	14.98	14.98			
	8.00	-3.00	0.73	3.67	18.65			
	5.66	-2.50	0.66	3.32	21.98	5% :	-3.83	14.25
5	4.00	-2.00	0.86	4.36	26.34	16% :	-3.36	10.28
7	2.83	-1.50	1.96	9.92	36.26	25% :	-2.15	4.45
10	2.00	-1.00	2.03	10.24	46.50	50% :	-0.84	1.79
14	1.41	-0.50	2.12	10.73	57.23	75% :	1.58	0.33
18	1.00	0.00	1.45	7.34	64.57	84% :	2.72	0.15
25	0.71	0.50	0.96	4.83	69.40	95% :	3.78	0.07
35	0.50	1.00	0.61	3.07	72.47			
45	0.35	1.50	0.40	2.03	74.49	Med.	-0.84	1.79
60	0.25	2.00	0.62	3.13	77.62	Mean	-0.31	1.24
80	0.18	2.50	0.86	4.37	81.99	St Dev.	2.67	
120	0.13	3.00	0.89	4.49	86.48	Skew	0.19	
170	0.09	3.50	0.52	2.64	89.12	Kurt.	0.84	
200	0.07	3.75	0.40	2.03	91.15			
Pan			0.07	0.35	91.50			
Total			18.11	91.50	91.50			
						Moment	Statistics	
							Phi	mm
Cu =	27.56		Gravel		24 %	Mean	-0.76	1.69
			Coarse Sand		22 %	St. Dev.	2.21	0.22
			Med. Sand		27 %	Skewness	0.39	
Cc =	1.94		Fine Sand		18 %	Kurtosis	2.20	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
16.0	-36.0	Medium to coarse sand and gravel (SW)	AREA Indian River County
			BORING NO. IRS-2
			DATE June,1999