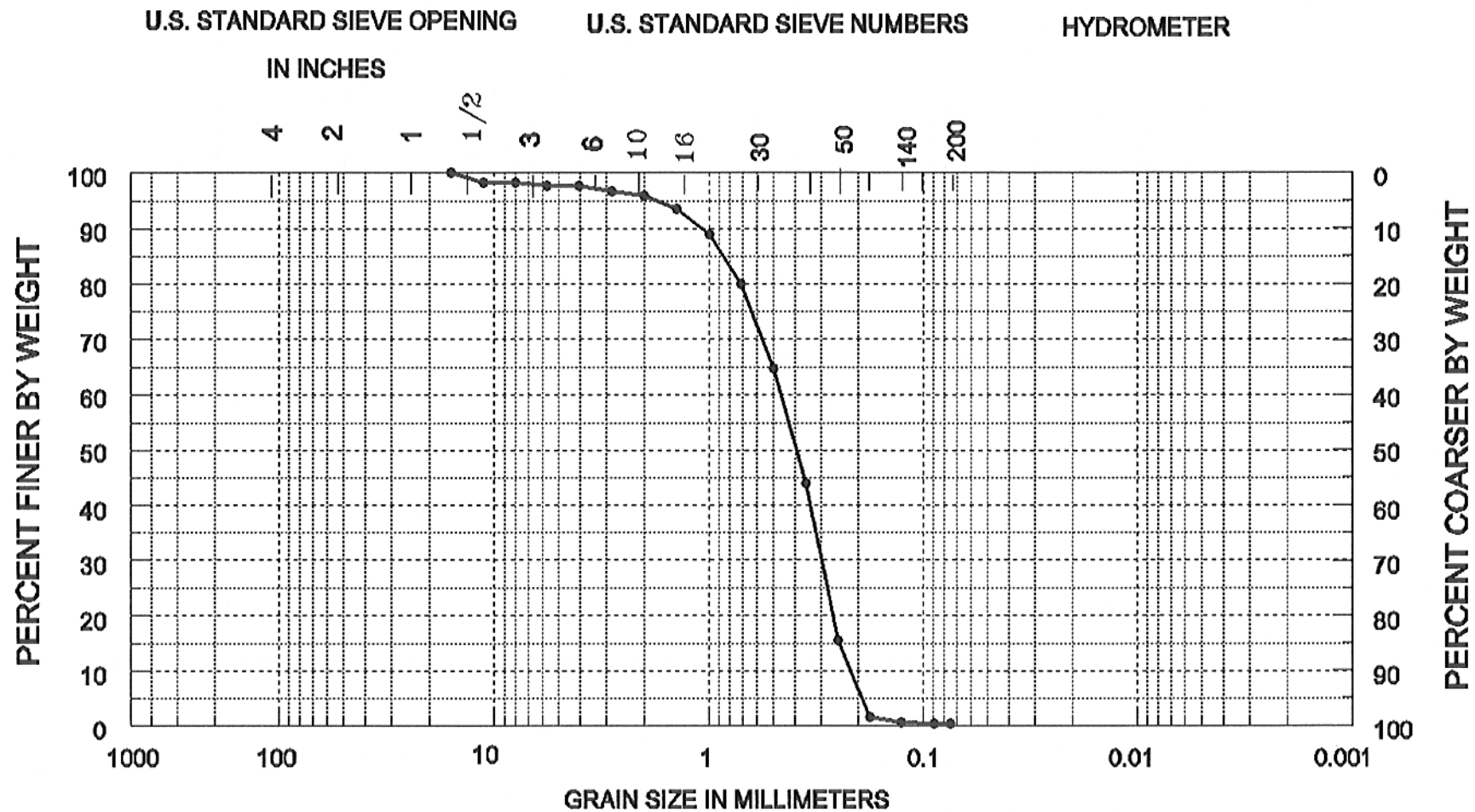


Sediment Analysis Data Sheet

Sample IR-S-19-0.5

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	0.37	1.85	1.85		
	8.00	-3.00	0.00	0.00	1.85		
	5.66	-2.50	0.11	0.56	2.41	5% :	-0.83 1.78
5	4.00	-2.00	0.00	0.00	2.41	16% :	0.28 0.83
7	2.83	-1.50	0.20	0.99	3.40	25% :	0.66 0.63
10	2.00	-1.00	0.16	0.78	4.17	50% :	1.35 0.39
14	1.41	-0.50	0.48	2.40	6.58	75% :	1.83 0.28
18	1.00	0.00	0.90	4.51	11.09	84% :	1.99 0.25
25	0.71	0.50	1.77	8.85	19.95	95% :	2.38 0.19
35	0.50	1.00	3.08	15.39	35.34		
45	0.35	1.50	4.13	20.65	55.99	Med.	1.35 0.39
60	0.25	2.00	5.69	28.48	84.46	Mean	1.03 0.49
80	0.18	2.50	2.79	13.97	98.44	St Dev.	0.91
120	0.13	3.00	0.19	0.93	99.37	Skew	-0.31
170	0.09	3.50	0.03	0.15	99.52	Kurt.	1.12
200	0.07	3.75	0.02	0.08	99.60		
Pan			0.00	0.00	99.60		
Total			19.90	99.60	99.60		
						Moment	Statistics
							Phi mm
Cu =	2.12		Gravel	2	%	Mean	1.36 0.39
			Coarse Sand	2	%	St. Dev.	1.11 0.46
			Med. Sand	41	%	Skewness	-1.99
Cc =	0.88		Fine Sand	54	%	Kurtosis	8.69

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
0.5	-18.6	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-19
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-19-4.0

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	0.00	0.00	0.00	5% :	0.00 1.00
5	4.00	-2.00	0.00	0.00	0.00	16% :	0.54 0.69
7	2.83	-1.50	0.02	0.10	0.10	25% :	0.76 0.59
10	2.00	-1.00	0.09	0.45	0.55	50% :	1.19 0.44
14	1.41	-0.50	0.25	1.30	1.85	75% :	1.50 0.35
18	1.00	0.00	0.61	3.11	4.96	84% :	1.71 0.31
25	0.71	0.50	1.84	9.46	14.42	95% :	1.96 0.26
35	0.50	1.00	3.99	20.50	34.92		
45	0.35	1.50	7.80	40.05	74.97	Med.	1.19 0.44
60	0.25	2.00	4.29	22.01	96.97	Mean	1.08 0.47
80	0.18	2.50	0.48	2.46	99.44	St Dev.	0.59
120	0.13	3.00	0.05	0.26	99.70	Skew	-0.16
170	0.09	3.50	0.00	0.00	99.70	Kurt.	1.08
200	0.07	3.75	0.00	0.00	99.70		
Pan			0.00	0.00	99.70		
Total			19.42	99.70	99.70		
						Moment	Statistics
							Phi mm
Cu =	1.71		Gravel		0 %	Mean	1.35 0.39
			Coarse	Sand	1 %	St. Dev.	0.62 0.65
			Med.	Sand	54 %	Skewness	-1.07
Cc =	1.02		Fine	Sand	45 %	Kurtosis	5.32

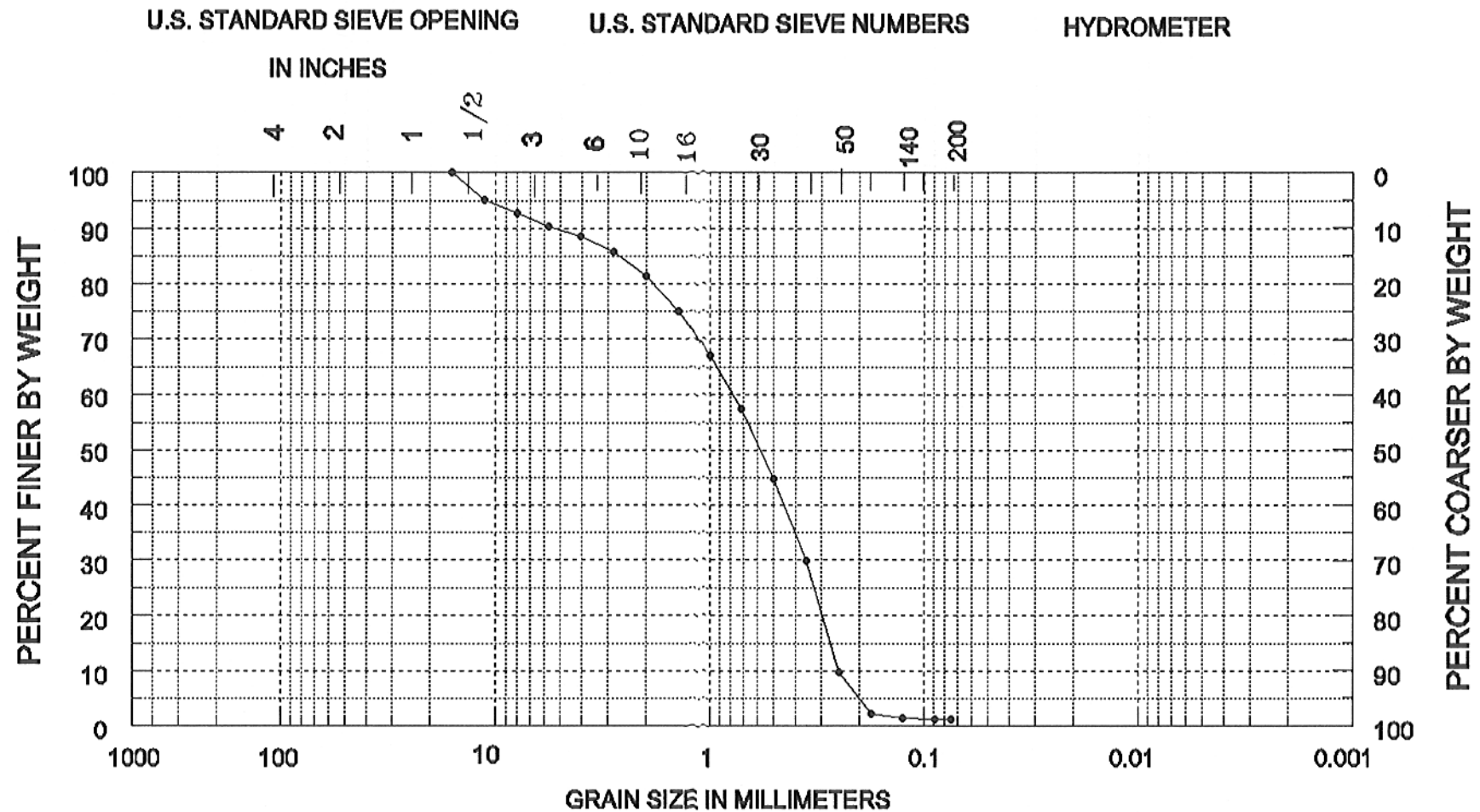
SEA, INC.

Sediment Analysis Data Sheet

Sample IR-S-19-8.0

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	1.00	4.94	4.94			
	8.00	-3.00	0.48	2.38	7.32			
	5.66	-2.50	0.48	2.38	9.69	5% :	-3.49	11.22
5	4.00	-2.00	0.36	1.79	11.48	16% :	-1.31	2.47
7	2.83	-1.50	0.57	2.81	14.29	25% :	-0.49	1.41
10	2.00	-1.00	0.88	4.38	18.67	50% :	0.79	0.58
14	1.41	-0.50	1.25	6.20	24.87	75% :	1.62	0.32
18	1.00	0.00	1.60	7.96	32.83	84% :	1.84	0.28
25	0.71	0.50	1.98	9.84	42.67	95% :	2.31	0.20
35	0.50	1.00	2.55	12.63	55.29			
45	0.35	1.50	2.97	14.74	70.03	Med.	0.79	0.58
60	0.25	2.00	4.08	20.26	90.29	Mean	0.03	0.98
80	0.18	2.50	1.52	7.55	97.84	St Dev.	1.67	
120	0.13	3.00	0.16	0.80	98.65	Skew	-0.40	
170	0.09	3.50	0.02	0.11	98.76	Kurt.	1.12	
200	0.07	3.75	0.01	0.04	98.80			
Pan			0.00	0.00	98.80			
Total			19.92	98.80	98.80			
						Moment	Statistics	
							Phi	mm
Cu =	3.09		Gravel		11 %	Mean	0.51	0.70
			Coarse	Sand	8 %	St. Dev.	1.74	0.30
			Med.	Sand	44 %	Skewness	-1.02	
Cc =	0.64		Fine	Sand	36 %	Kurtosis	3.14	

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

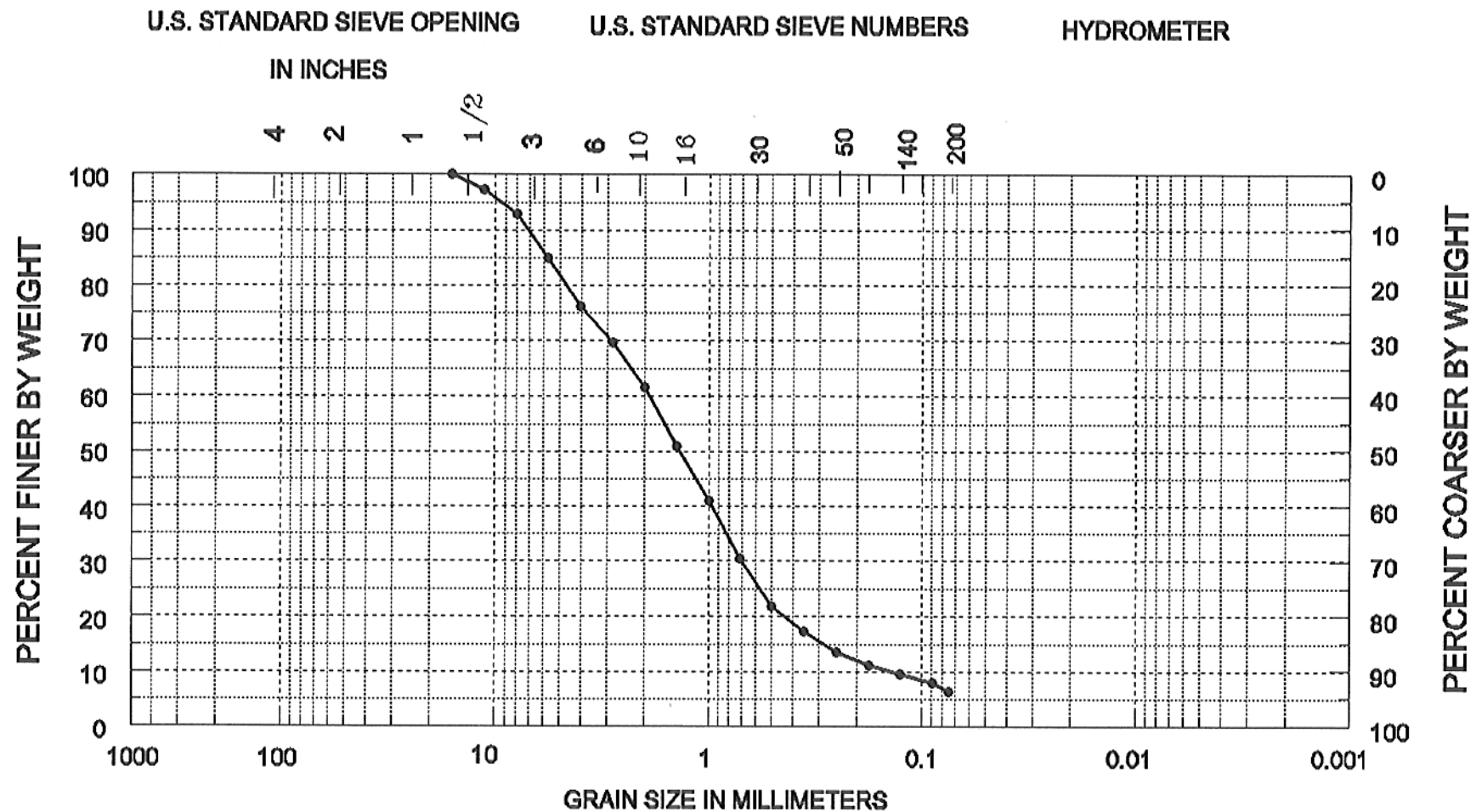
SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
8.0	-26.1	Medium to fine sand (SP)	AREA Indian River County
			BORING NO. IR-S-19
			DATE June, 1999

Sediment Analysis Data Sheet

Sample IR-S-19-13.0

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	0.76	2.77	2.77		
	8.00	-3.00	1.20	4.37	7.14		
	5.66	-2.50	2.16	7.85	14.99	5% :	-3.25 9.48
5	4.00	-2.00	2.39	8.70	23.70	16% :	-2.44 5.43
7	2.83	-1.50	1.83	6.67	30.37	25% :	-1.90 3.74
10	2.00	-1.00	2.23	8.10	38.47	50% :	-0.45 1.37
14	1.41	-0.50	2.92	10.61	49.08	75% :	0.81 0.57
18	1.00	0.00	2.71	9.86	58.94	84% :	1.65 0.32
25	0.71	0.50	2.93	10.65	69.59	95% :	3.80 0.07
35	0.50	1.00	2.36	8.60	78.19		
45	0.35	1.50	1.28	4.66	82.84	Med.	-0.45 1.37
60	0.25	2.00	1.03	3.76	86.61	Mean	-0.14 1.10
80	0.18	2.50	0.65	2.38	88.99	St Dev.	2.09
120	0.13	3.00	0.41	1.48	90.47	Skew	0.12
170	0.09	3.50	0.45	1.63	92.10	Kurt.	1.06
200	0.07	3.75	0.42	1.52	93.62		
Pan			0.08	0.28	93.90		
Total			25.80	93.90	93.90		
						Moment	Statistics
							Phi mm
Cu =	13.63		Gravel		19 %	Mean	-0.48 1.40
			Coarse Sand		19 %	St. Dev.	1.82 0.28
			Med. Sand		42 %	Skewness	0.23
Cc =	1.82		Fine Sand		13 %	Kurtosis	2.37

SEA, INC.



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT Indian River County-ATM
13.0	-31.1	Medium sand, well graded (SW)	AREA Indian River County
			BORING NO. IR-S-19
			DATE June, 1999