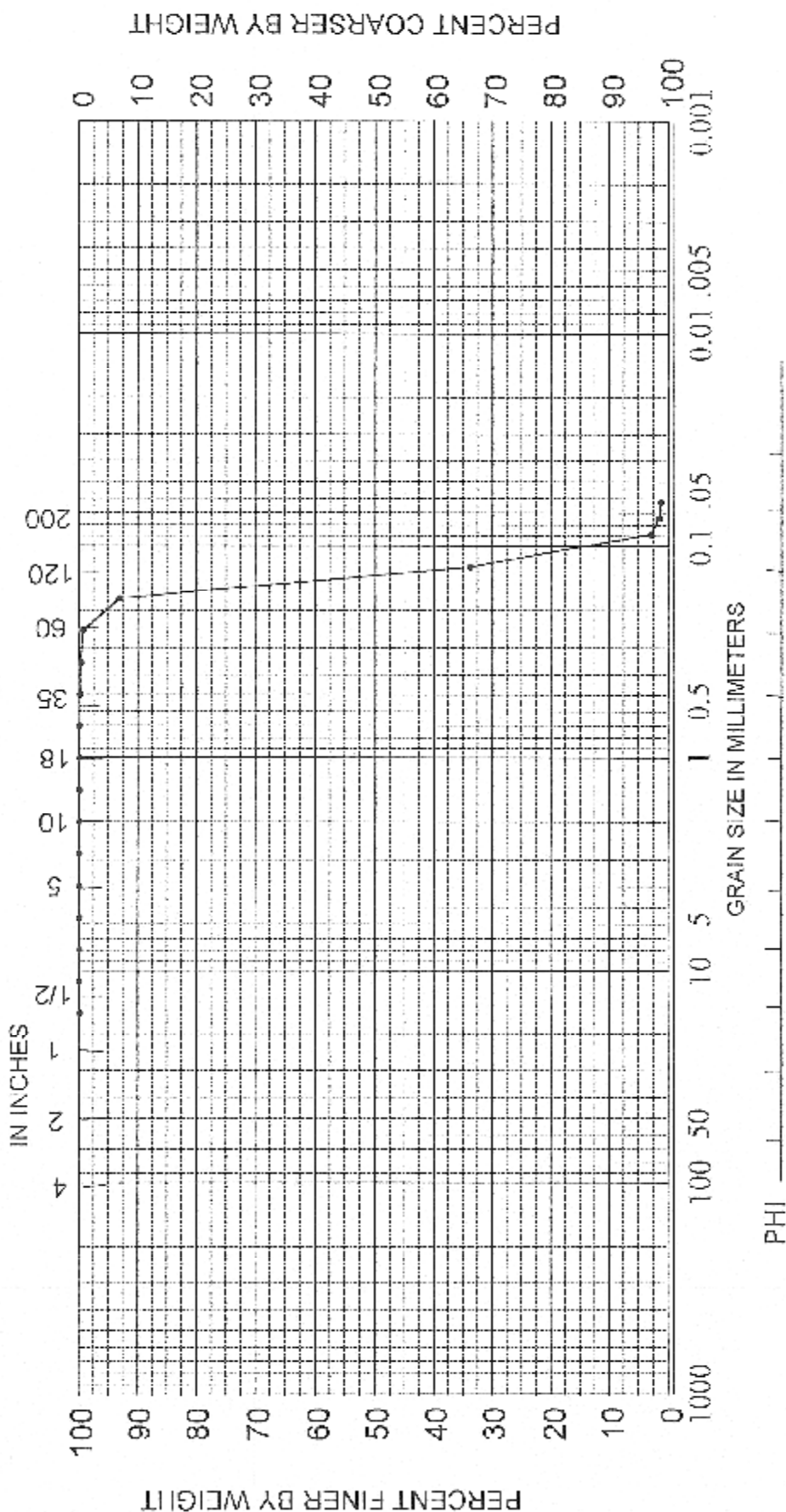


Sediment Analysis Data Sheet

Sample SM-1-6.0

Sieve	Size (mm)	Phi size	Wt %	Wt %	Cum'l %	Folk	Statistics	
							phi	n m
5/8	16.00	-4.00	0.00	0.00	0.00			
1/2	11.31	-3.50	0.00	0.00	0.00			
5/16	8.00	-3.00	0.00	0.00	0.00			
1/4	5.66	-2.50	0.00	0.00	0.00	5% :	2.35	0.20
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.58	0.17
7	2.83	-1.50	0.00	0.00	0.00	25% :	2.65	0.16
10	2.00	-1.00	0.00	0.00	0.00	50% :	2.86	0.14
14	1.41	-0.50	0.00	0.00	0.00	75% :	3.14	0.11
18	1.00	0.00	0.00	0.00	0.00	84% :	3.29	0.10
25	0.71	0.50	0.01	0.01	0.01	95% :	3.47	0.09
35	0.50	1.00	0.02	0.07	0.11			
45	0.35	1.50	0.06	0.17	0.28	Med.	2.86	0.14
60	0.25	2.00	0.11	0.34	0.62	Mean	2.91	0.13
80	0.18	2.50	2.01	6.26	6.88	St Dev	0.35	
120	0.13	3.00	19.08	59.39	66.27	Skew	0.14	
170	0.09	3.50	9.88	30.75	97.02	Kurt.	0.94	
200	0.07	3.75	0.45	1.41	98.43			
230	0.06	4.00	0.10	0.30	98.73			
Pan			0.02	0.07	98.80			
Total			31.74	98.80	98.80			
						Moment	Statistics	
							Phi	mm
Cu =	1.52		Gravel	0	%	Mean	2.88	0.14
			Coarse Sand	0	%	St. Dev.	0.32	0.80
			Med. Sand	0	%	Skewness	-0.66	
Cc =	1.03		Fine Sand	99	%	Kurtosis	6.77	
			Silt/Clay	1	%			

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS HYDROMETER



COBBLES	GRAVEL		SAND		SILT OR CLAY
	COARSE	FINE	COARSE	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION		PROJECT Olsen & Associates, Inc. - Cumberland Shoals	
60	-25.4'	Fine quartz sand (SP)		AREA	St. Mary's Inlet, FL
				BORING NO.	SM-1
				DATE	July 2002