

GRADATION ANALYSIS REPORT
BOCA INLET EBB SHOAL 02-18-93

TESTED BY: MDA ON: 03-09-93

SAMPLE NO.: CORE #6
SAMPLE ELEV. (FT. NGVD): -10.1
SAMPLE DEPTH (FT.): 1.6
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 207.40
SAMPLE WEIGHT AFTER WASH (GRAMS): 206.20

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.00	.00	100.00
10	-1.0	2.000	.00	.00	100.00
14	-0.5	1.400	.05	.02	99.98
18	0.0	1.000	.10	.05	99.95
25	0.5	.710	.40	.19	99.81
35	1.0	.500	3.90	1.88	98.12
45	1.5	.355	14.75	7.11	92.89
60	2.0	.250	71.10	34.28	65.72
80	2.5	.180	163.20	78.69	21.31
120	3.0	.125	203.80	98.26	1.74
170	3.5	.090	206.10	99.37	.63
200	3.75	.075	206.15	99.40	.60
230	4.0	.063	206.77	99.70	.30
PAN			207.40	100.00	.00

SIEVE LOSS (g):	.00	MEAN (mm):	.227
MEDIAN (mm):	.221	SORTING:	.486
SILT/CLAY:	.60%	KURTOSIS:	1.054
SKEWNESS:	-.139		

PHI(5):	1.30	PHI(16):	1.66	PHI(25):	1.83
PHI(50):	2.18	PHI(75):	2.46	PHI(84):	2.64
PHI(95):	2.92				
COEFFICIENT OF CURVATURE :	1.035				
COEFFICIENT OF UNIFORMITY:	1.652				

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:C#6-#12.TAB

GRADATION ANALYSIS REPORT
BOCA INLET EBB SHOAL 02-18-93

TESTED BY: MDA ON: 03-09-93

SAMPLE NO.: CORE #6
SAMPLE ELEV. (FT. NGVD): -13.8
SAMPLE DEPTH (FT.): 5.3
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

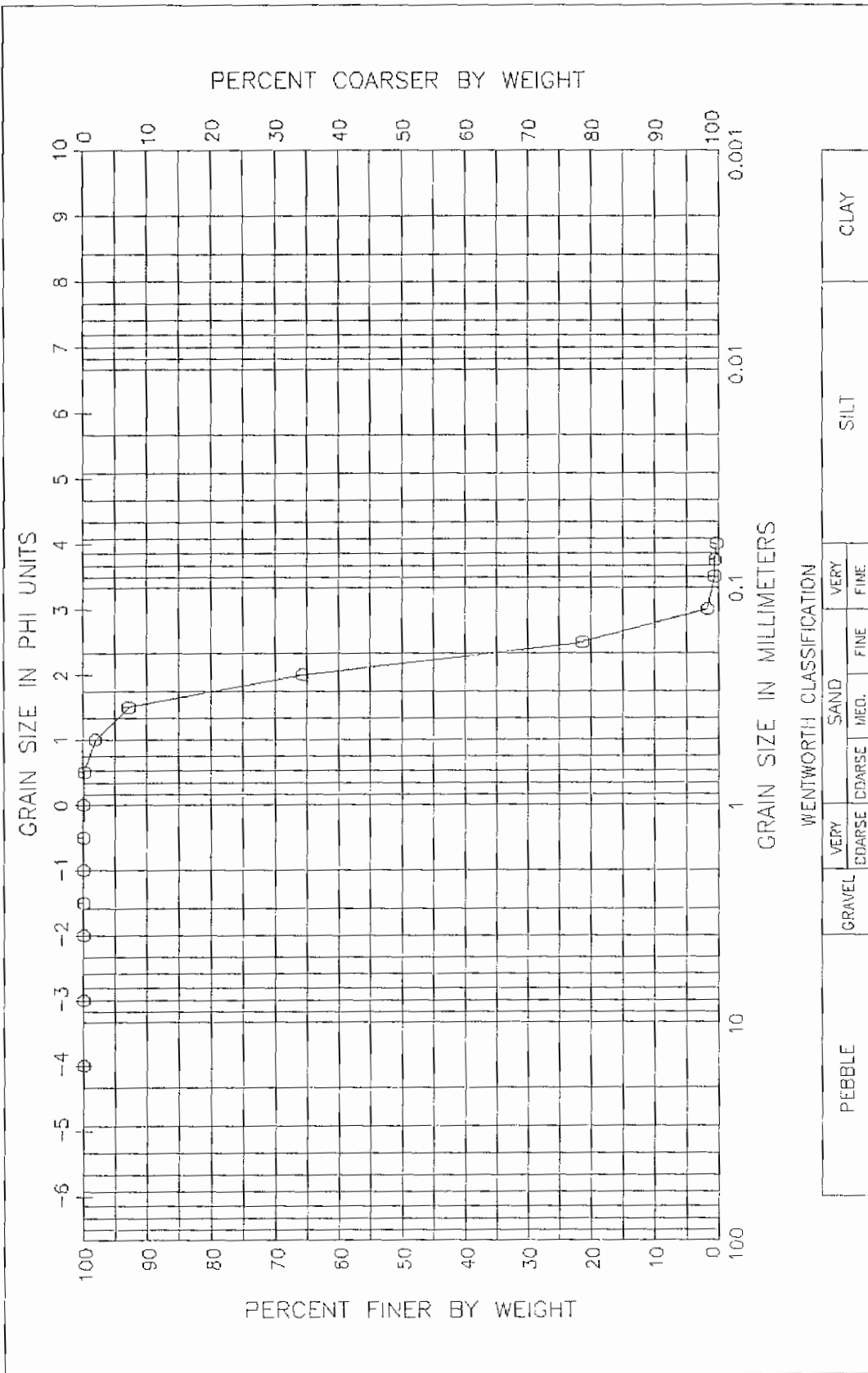
DRY SAMPLE WEIGHT (GRAMS): 195.60
SAMPLE WEIGHT AFTER WASH (GRAMS): 192.25

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.20	.10	99.90
10	-1.0	2.000	.70	.36	99.64
14	-0.5	1.400	1.65	.84	99.16
18	0.0	1.000	3.50	1.79	98.21
25	0.5	.710	8.75	4.47	95.53
35	1.0	.500	29.10	14.88	85.12
45	1.5	.355	58.70	30.01	69.99
60	2.0	.250	124.00	63.39	36.61
80	2.5	.180	175.70	89.83	10.17
120	3.0	.125	190.90	97.60	2.40
170	3.5	.090	192.10	98.21	1.79
200	3.75	.075	192.15	98.24	1.76
230	4.0	.063	193.87	99.12	.88
PAN			195.60	100.00	.00

SIEVE LOSS(g):	.00	MEAN (mm):	.304
MEDIAN (mm):	.287	SORTING:	.676
SILT/CLAY:	1.76%	KURTOSIS:	1.069
SKEWNESS:	-.241		

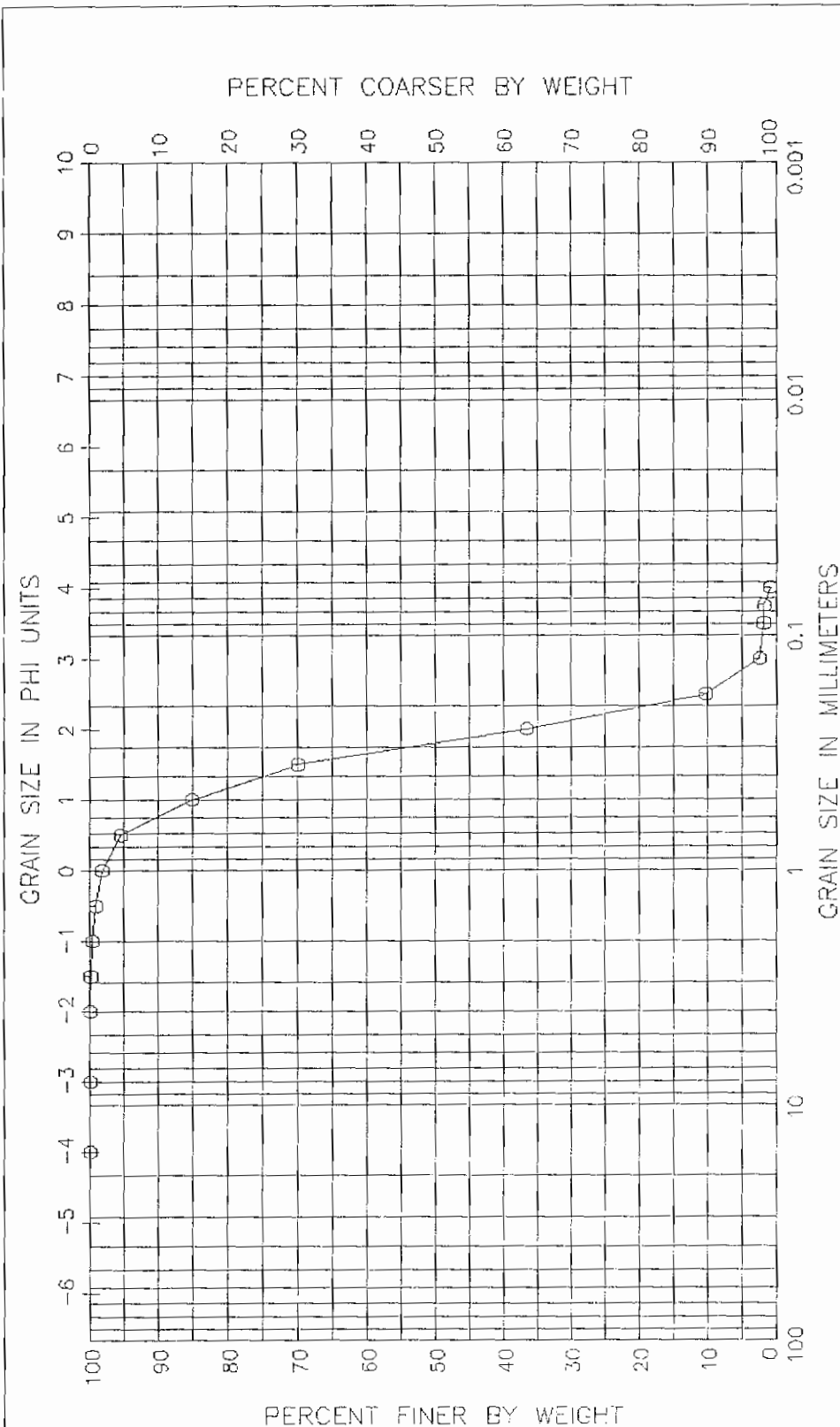
PHI(5):	.53	PHI(16):	1.04	PHI(25):	1.33
PHI(50):	1.80	PHI(75):	2.22	PHI(84):	2.39
PHI(95):	2.83				
COEFFICIENT OF CURVATURE :	.940				
COEFFICIENT OF UNIFORMITY:	1.817				

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:C#6-#13.TAB



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
CORE #6	Ø	1.6	SP	0.23	0.22	0.49

GRAIN SIZE DISTRIBUTION CURVE
BOCA INLET EBB SHOAL 2/18/93



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
CORE #6 ①	-13.8	5.3	SP	0.30	0.29	0.68

GRAIN SIZE DISTRIBUTION CURVE
BOCA INLET EBB SHOAL 2/18/93