

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR7 S#17
SAMPLE ELEV. (FT. NGVD): -54.5
SAMPLE DEPTH (FT.): -11.5
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 84.79
SAMPLE WEIGHT AFTER WASH (GRAMS): 81.41

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	.16	.19	99.81
7	-1.5	2.800	.39	.46	99.54
10	-1.0	2.000	.64	.75	99.25
14	-0.5	1.400	1.14	1.34	98.66
18	0.0	1.000	1.60	1.89	98.11
25	0.5	.710	3.12	3.68	96.32
35	1.0	.500	7.19	8.48	91.52
45	1.5	.355	15.08	17.79	82.21
60	2.0	.250	41.17	48.56	51.44
80	2.5	.180	69.14	81.54	18.46
120	3.0	.125	80.35	94.76	5.24
170	3.5	.090	81.12	95.67	4.33
200	3.75	.075	81.29	95.87	4.13
230	4.0	.063	83.01	97.90	2.10
PAN			84.71	99.91	.09

PHI(5): .64 PHI(16): 1.40 PHI(25): 1.62
PHI(50): 2.02 PHI(75): 2.40 PHI(84): 2.59
PHI(95): 3.13

SIEVE LOSS(g): .08 SILT/CLAY: 4.13%
SKEWNESS: -.276 KURTOSIS: 1.304

GRAPHIC METHOD

MEAN (PHI): 1.96 SORTING: .59
MEAN (mm): .26 MEDIAN (mm): .25
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.94 SORTING: .76
MEAN (mm): .26

DATA FILE NAME: B:VC7S#17.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR7 S#18
SAMPLE ELEV. (FT. NGVD): -58.0
SAMPLE DEPTH (FT.): -15.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 79.34
SAMPLE WEIGHT AFTER WASH (GRAMS): 75.87

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	.09	.11	99.89
10	-1.0	2.000	.23	.29	99.71
14	-0.5	1.400	.71	.89	99.11
18	0.0	1.000	1.21	1.53	98.47
25	0.5	.710	2.63	3.31	96.69
35	1.0	.500	7.28	9.18	90.82
45	1.5	.355	16.62	20.95	79.05
60	2.0	.250	44.95	56.65	43.35
80	2.5	.180	68.41	86.22	13.78
120	3.0	.125	74.36	93.72	6.28
170	3.5	.090	75.49	95.15	4.85
200	3.75	.075	75.73	95.45	4.55
230	4.0	.063	77.54	97.74	2.26
PAN			79.29	99.94	.06

PHI(5): .64	PHI(16): 1.29	PHI(25): 1.56
PHI(50): 1.91	PHI(75): 2.31	PHI(84): 2.46
PHI(95): 3.45		

SIEVE LOSS(g): .05	SILT/CLAY: 4.55%
SKEWNESS: .278	KURTOSIS: 1.525

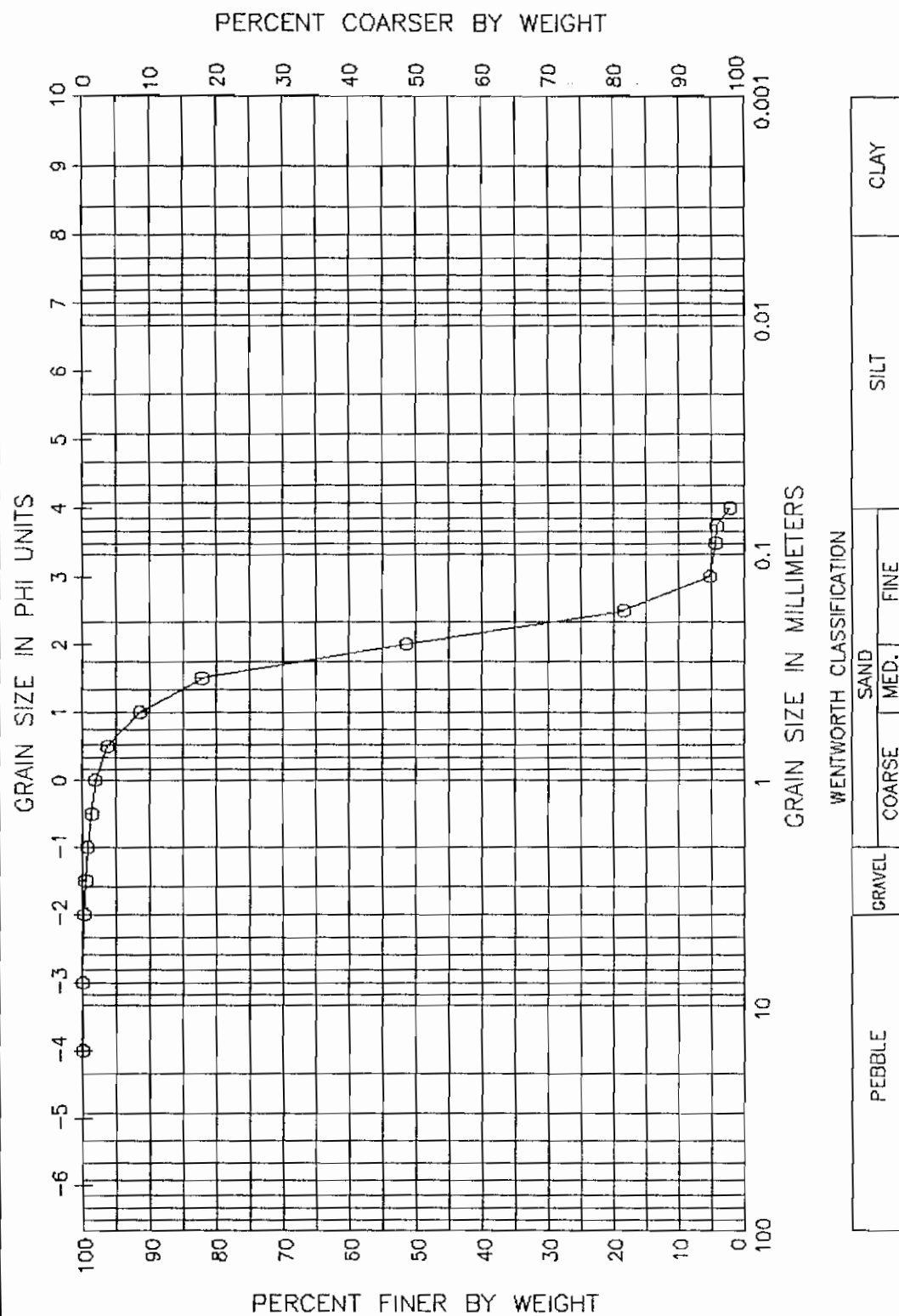
GRAPHIC METHOD

MEAN (PHI): 1.95	SORTING: .59
MEAN (mm): .26	MEDIAN (mm): .27
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD	

MOMENT METHOD

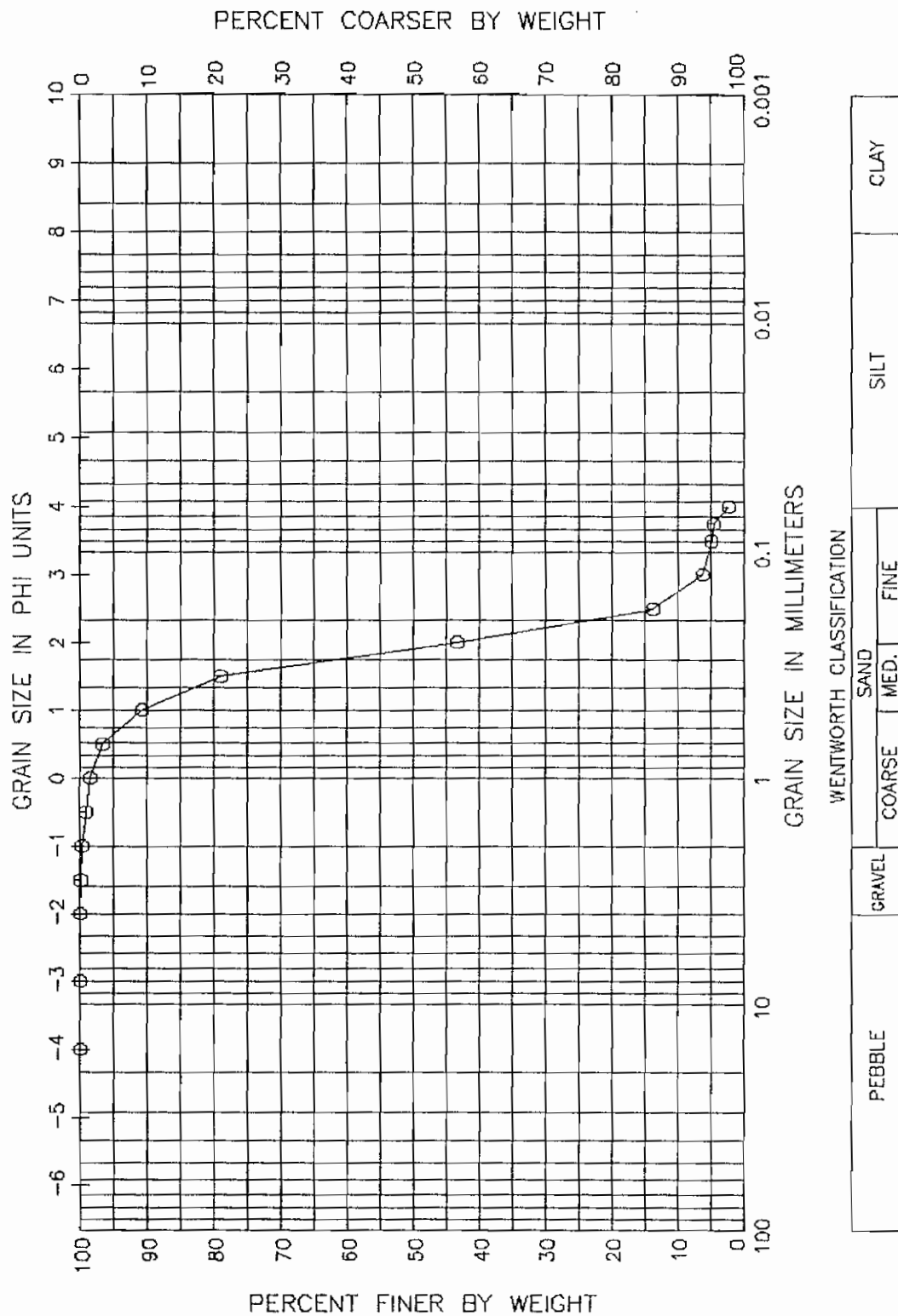
MEAN (PHI): 1.87	SORTING: .72
MEAN (mm): .27	

DATA FILE NAME: B:VC7S#18.TAB



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC7 S#17	-54.5	-11.5	SP	0.25	0.25	0.59

GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON BORROW AREA VC 9/84



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC7 S#18	-58.0	-15.0	SP	0.26	0.27	0.59

GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON BORROW AREA VC 9/84