

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

SAMPLE NO.: BR4 S#7
SAMPLE ELEV. (FT. NGVD): -57.0
SAMPLE DEPTH (FT.): -10.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 64.99
SAMPLE WEIGHT AFTER WASH (GRAMS): 63.64

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	.46	.71	99.29
7	-1.5	2.800	.52	.80	99.20
10	-1.0	2.000	.85	1.31	98.69
14	-0.5	1.400	1.16	1.78	98.22
18	0.0	1.000	1.60	2.46	97.54
25	0.5	.710	2.77	4.26	95.74
35	1.0	.500	7.02	10.80	89.20
45	1.5	.355	15.32	23.57	76.43
60	2.0	.250	37.49	57.69	42.31
80	2.5	.180	55.21	84.95	15.05
120	3.0	.125	62.48	96.14	3.86
170	3.5	.090	63.52	97.74	2.26
200	3.75	.075	63.61	97.88	2.12
230	4.0	.063	64.31	98.95	1.05
PAN			64.99	100.00	.00

PHI(5): .56 PHI(16): 1.20 PHI(25): 1.52
PHI(50): 1.89 PHI(75): 2.32 PHI(84): 2.48
PHI(95): 2.95

SIEVE LOSS(g): .00 SILT/CLAY: 2.12%
SKEWNESS: -.269 KURTOSIS: 1.231

GRAPHIC METHOD

MEAN (PHI): 1.82 SORTING: .64
MEAN (mm) : .28 MEDIAN (mm): .27
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.82 SORTING: .81
MEAN (mm) : .28

DATA FILE NAME: B:VC4S#7.TAB

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

SAMPLE NO.: BR4 S#8
SAMPLE ELEV. (FT. NGVD): -59.5
SAMPLE DEPTH (FT.): -12.5
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 71.68
SAMPLE WEIGHT AFTER WASH (GRAMS): 69.53

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	.26	.36	99.64
7	-1.5	2.800	.79	1.10	98.90
10	-1.0	2.000	1.47	2.05	97.95
14	-0.5	1.400	2.64	3.68	96.32
18	0.0	1.000	4.07	5.68	94.32
25	0.5	.710	7.36	10.27	89.73
35	1.0	.500	15.42	21.51	78.49
45	1.5	.355	26.46	36.91	63.09
60	2.0	.250	50.09	69.88	30.12
80	2.5	.180	64.54	90.04	9.96
120	3.0	.125	68.74	95.90	4.10
170	3.5	.090	69.35	96.75	3.25
200	3.75	.075	69.44	96.88	3.13
230	4.0	.063	70.54	98.40	1.60
PAN			71.62	99.92	.08

PHI(5): -.17 PHI(16): .75 PHI(25): 1.11
PHI(50): 1.70 PHI(75): 2.13 PHI(84): 2.35
PHI(95): 2.92

SIEVE LOSS(g): .06 SILT/CLAY: 3.13%
SKEWNESS: -.644 KURTOSIS: 1.251

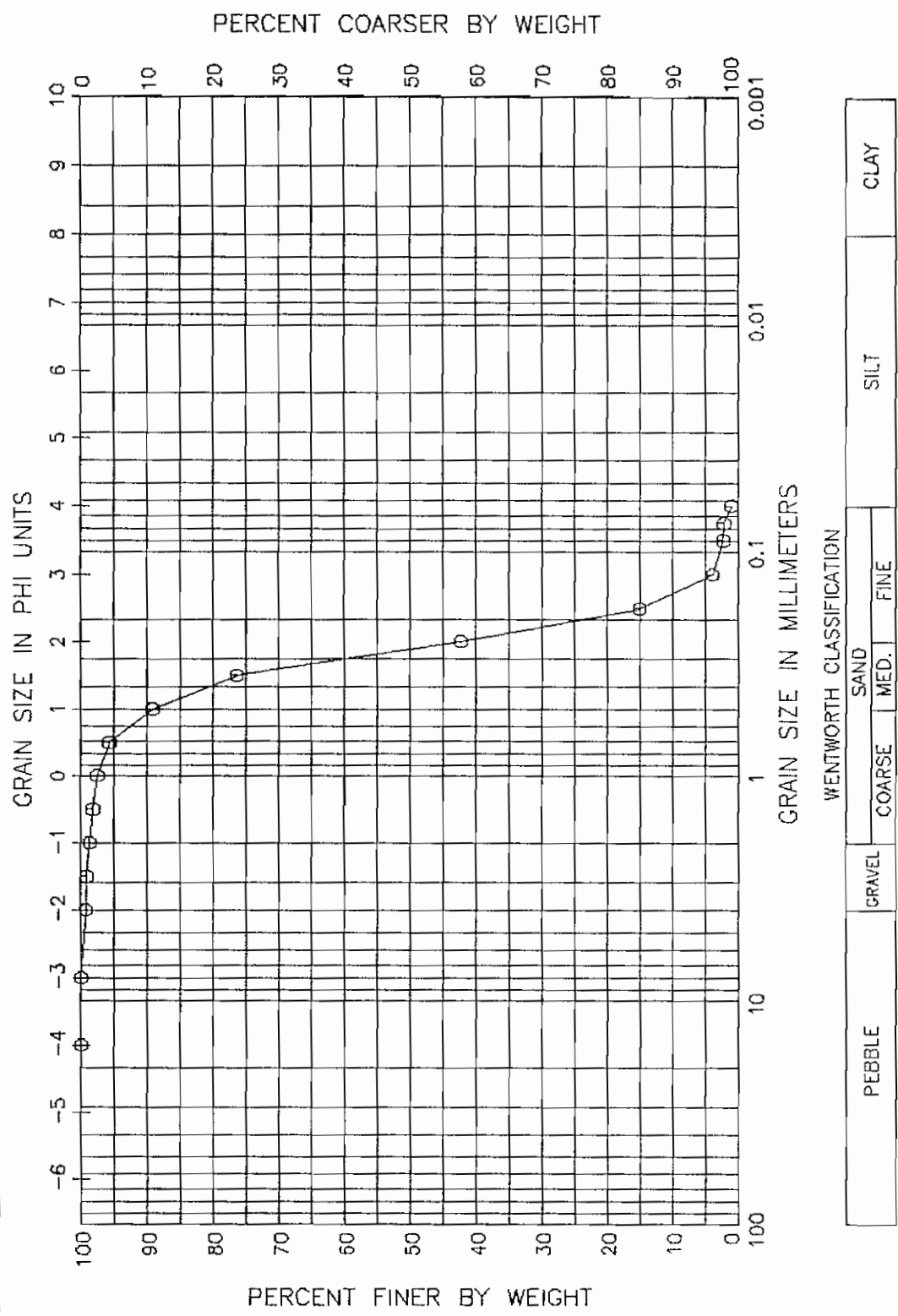
GRAPHIC METHOD

MEAN (PHI): 1.51 SORTING: .80
MEAN (mm) : .35 MEDIAN (mm): .31
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.54 SORTING: .92
MEAN (mm) : .34

DATA FILE NAME: B:VC4S#8.TAB



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC4 S#7 0	-57.0	-10.0	SP	0.28	0.27	0.64

