

GRADATION ANALYSIS REPORT
N. BOCA RATON VIBRACORE 9-94
TESTED BY: MDA ON: 11-14-94

SAMPLE NO.: NBR2 S#1
SAMPLE ELEV. (FT. NGVD): -57.7
SAMPLE DEPTH (FT.): -4.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 63.84
SAMPLE WEIGHT AFTER WASH (GRAMS): 62.94

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	.05	.08	99.92
10	-1.0	2.000	.34	.53	99.47
14	-0.5	1.400	.56	.88	99.12
18	0.0	1.000	.85	1.33	98.67
25	0.5	.710	1.26	1.97	98.03
35	1.0	.500	2.30	3.60	96.40
45	1.5	.355	4.12	6.45	93.55
60	2.0	.250	12.74	19.96	80.04
80	2.5	.180	36.20	56.70	43.30
120	3.0	.125	59.15	92.65	7.35
170	3.5	.090	62.86	98.46	1.54
200	3.75	.075	62.90	98.53	1.47
230	4.0	.063	63.37	99.26	.74
PAN			63.83	99.98	.02

PHI(5): 1.25 PHI(16): 1.85 PHI(25): 2.07
PHI(50): 2.41 PHI(75): 2.75 PHI(84): 2.88
PHI(95): 3.20

SIEVE LOSS(g): .01 SILT/CLAY: 1.47%
SKEWNESS: -.371 KURTOSIS: 1.169

GRAPHIC METHOD

MEAN (PHI): 2.32 SORTING: .51
MEAN (mm) : .20 MEDIAN (mm): .19
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.33 SORTING: .65
MEAN (mm) : .20

DATA FILE NAME: A:VC2S#1.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON VIBRACORE 9-94
TESTED BY: MDA ON: 11-14-94

SAMPLE NO.: NBR2 S#2
SAMPLE ELEV. (FT. NGVD): -61.7
SAMPLE DEPTH (FT.): -8.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 70.98
SAMPLE WEIGHT AFTER WASH (GRAMS): 69.86

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	.18	.25	99.75
10	-1.0	2.000	.35	.49	99.51
14	-0.5	1.400	.66	.93	99.07
18	0.0	1.000	.93	1.31	98.69
25	0.5	.710	1.52	2.14	97.86
35	1.0	.500	3.47	4.89	95.11
45	1.5	.355	7.63	10.75	89.25
60	2.0	.250	23.36	32.91	67.09
80	2.5	.180	48.75	68.68	31.32
120	3.0	.125	68.03	95.84	4.16
170	3.5	.090	69.77	98.30	1.70
200	3.75	.075	69.82	98.37	1.63
230	4.0	.063	70.40	99.18	.82
PAN			70.96	99.97	.03

PHI(5): 1.01 PHI(16): 1.62 PHI(25): 1.82
PHI(50): 2.24 PHI(75): 2.62 PHI(84): 2.78
PHI(95): 2.98

SIEVE LOSS(g): .02 SILT/CLAY: 1.63%
SKEWNESS: -.484 KURTOSIS: 1.018

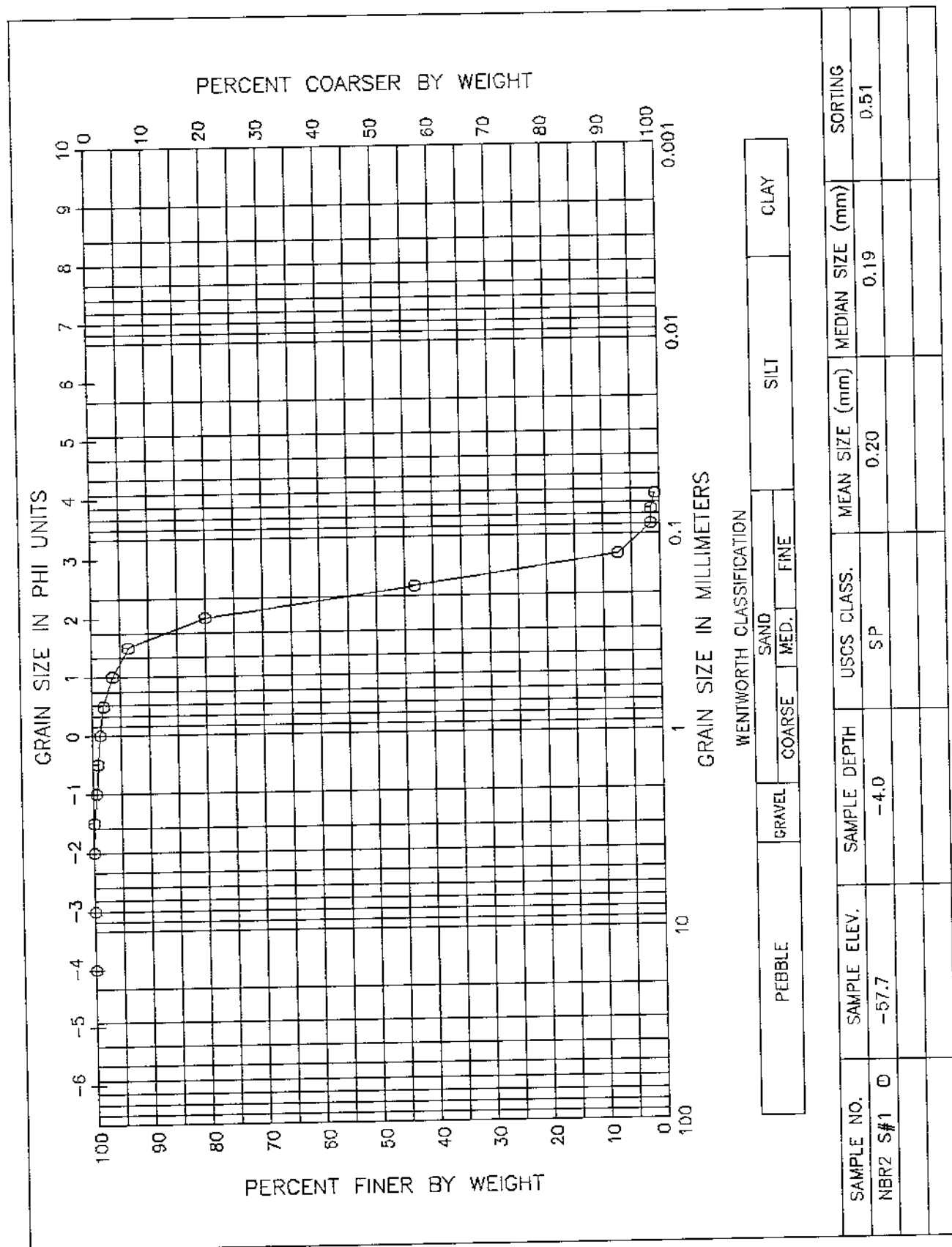
GRAPHIC METHOD

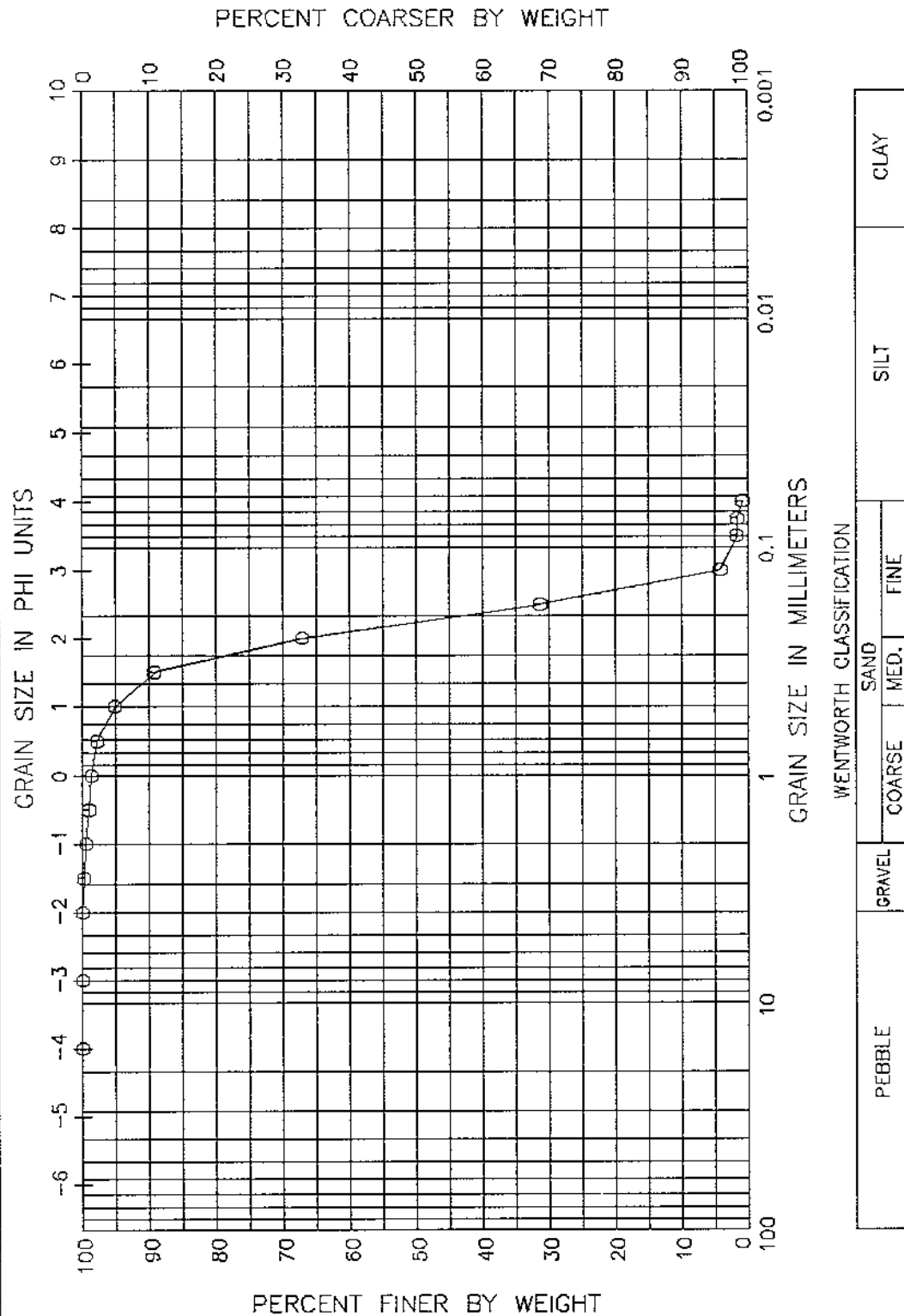
MEAN (PHI): 2.13 SORTING: .58
MEAN (mm): .23 MEDIAN (mm): .21
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.16 SORTING: .67
MEAN (mm): .22

DATA FILE NAME: A:VC2S#2.TAB





SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
NBR2 S#2	-61.7	-8.0	SP	0.23	0.21	0.58

GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON VIBRACORE 9-94