

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

SAMPLE NO.: NBR15 S#1
SAMPLE ELEV. (FT. NGVD): -58.0
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 70.42
SAMPLE WEIGHT AFTER WASH (GRAMS): 68.94

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	.19	.27	99.73
10	-1.0	2.000	.48	.68	99.32
14	-0.5	1.400	.98	1.39	98.61
18	0.0	1.000	1.48	2.10	97.90
25	0.5	.710	2.70	3.83	96.17
35	1.0	.500	5.46	7.75	92.25
45	1.5	.355	8.77	12.45	87.55
60	2.0	.250	18.67	26.51	73.49
80	2.5	.180	37.94	53.88	46.12
120	3.0	.125	61.38	87.16	12.84
170	3.5	.090	68.57	97.37	2.63
200	3.75	.075	68.85	97.77	2.23
230	4.0	.063	69.64	98.89	1.11
PAN			70.40	99.97	.03

PHI(5): .65 PHI(16): 1.63 PHI(25): 1.95
PHI(50): 2.43 PHI(75): 2.82 PHI(84): 2.95
PHI(95): 3.38

SIEVE LOSS(g): .02 SILT/CLAY: 2.23%
SKEWNESS: -.826 KURTOSIS: 1.287

GRAPHIC METHOD

MEAN (PHI): 2.21 SORTING: .66
MEAN (mm): .22 MEDIAN (mm): .19
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.27 SORTING: .82
MEAN (mm): .21

DATA FILE NAME: A:VC15S#1.TAB

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

SAMPLE NO.: NBR15 S#2
SAMPLE ELEV. (FT. NGVD): -61.0
SAMPLE DEPTH (FT.): -4.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 70.23
SAMPLE WEIGHT AFTER WASH (GRAMS): 68.80

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	.11	.16	99.84
10	-1.0	2.000	.44	.63	99.37
14	-0.5	1.400	.85	1.21	98.79
18	0.0	1.000	1.29	1.84	98.16
25	0.5	.710	2.45	3.49	96.51
35	1.0	.500	6.86	9.77	90.23
45	1.5	.355	15.31	21.80	78.20
60	2.0	.250	39.52	56.27	43.73
80	2.5	.180	60.12	85.60	14.40
120	3.0	.125	67.87	96.64	3.36
170	3.5	.090	68.70	97.82	2.18
200	3.75	.075	68.74	97.88	2.12
230	4.0	.063	69.46	98.91	1.09
PAN			70.18	99.93	.07

PHI(5): .62 PHI(16): 1.26 PHI(25): 1.55
PHI(50): 1.91 PHI(75): 2.32 PHI(84): 2.47
PHI(95): 2.93

SIEVE LOSS(g): .05 SILT/CLAY: 2.12%
SKEWNESS: -.272 KURTOSIS: 1.223

GRAPHIC METHOD

MEAN (PHI): 1.84 SORTING: .61
MEAN (mm): .28 MEDIAN (mm): .27
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.85 SORTING: .71
MEAN (mm): .28

DATA FILE NAME: A:VC15S#2.TAB

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

SAMPLE NO.: NBR15 S#3
SAMPLE ELEV. (FT. NGVD): -65.0
SAMPLE DEPTH (FT.): -8.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 79.59
SAMPLE WEIGHT AFTER WASH (GRAMS): 77.64

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	.00	.00	100.00
7	-1.5	2.800	.40	.50	99.50
10	-1.0	2.000	1.13	1.42	98.58
14	-0.5	1.400	1.84	2.31	97.69
18	0.0	1.000	2.86	3.59	96.41
25	0.5	.710	5.04	6.33	93.67
35	1.0	.500	10.63	13.36	86.64
45	1.5	.355	20.12	25.28	74.72
60	2.0	.250	49.21	61.83	38.17
80	2.5	.180	71.93	90.38	9.62
120	3.0	.125	76.92	96.65	3.35
170	3.5	.090	77.49	97.36	2.64
200	3.75	.075	77.58	97.47	2.53
230	4.0	.063	78.57	98.72	1.28
PAN			79.56	99.96	.04

PHI(5): .26 PHI(16): 1.11 PHI(25): 1.49
PHI(50): 1.84 PHI(75): 2.23 PHI(84): 2.39
PHI(95): 2.87

SIEVE LOSS(g): .03 SILT/CLAY: 2.53%
SKEWNESS: -.551 KURTOSIS: 1.442

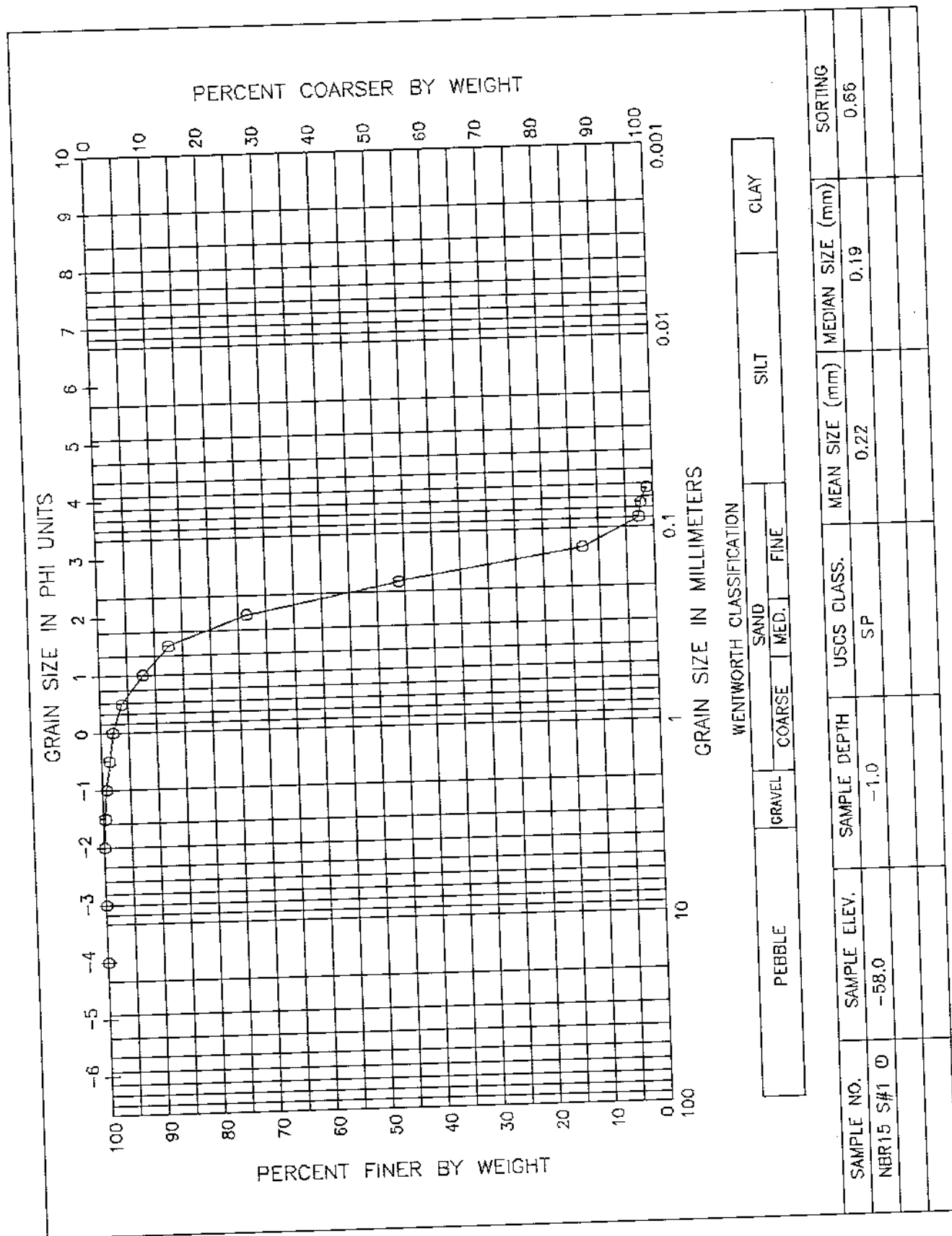
GRAPHIC METHOD

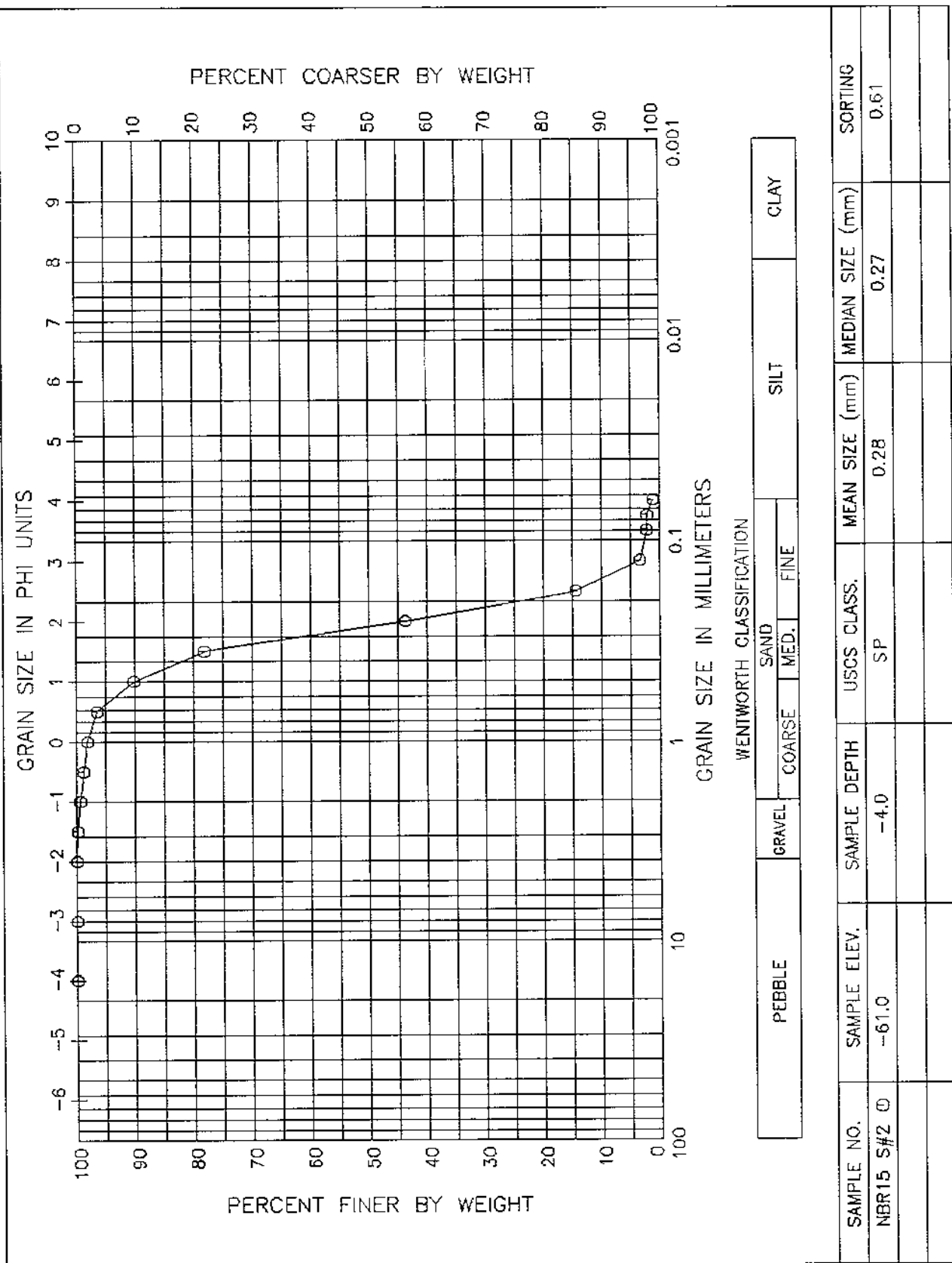
MEAN (PHI): 1.69 SORTING: .64
MEAN (mm): .31 MEDIAN (mm): .28
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

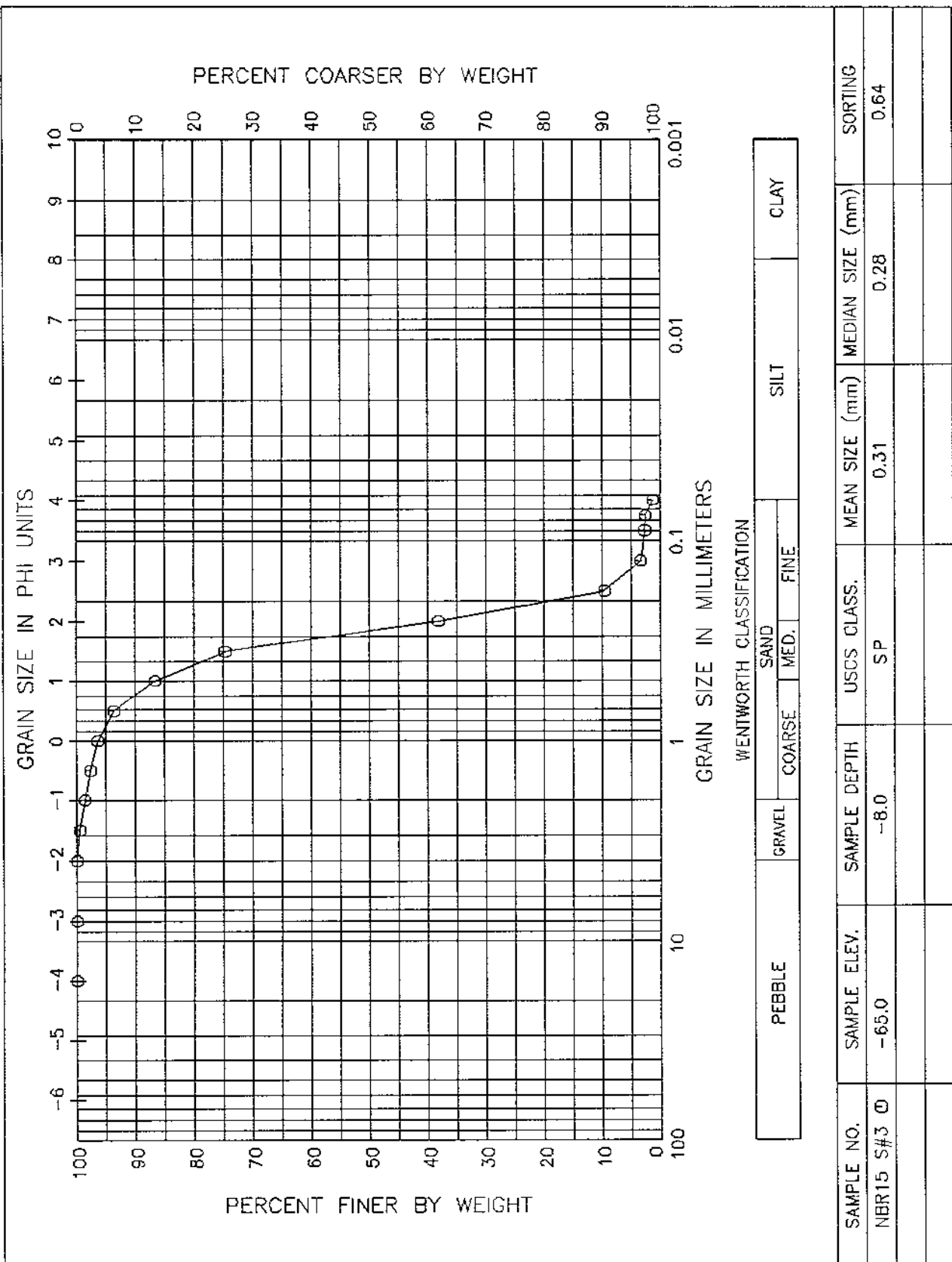
MEAN (PHI): 1.73 SORTING: .79
MEAN (mm): .30

DATA FILE NAME: A:VC15S#3.TAB





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



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