

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

SAMPLE NO.: NBR10 S#1
SAMPLE ELEV. (FT. NGVD): -56.0
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 77.26
SAMPLE WEIGHT AFTER WASH (GRAMS): 76.36

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	.16	.21	99.79
14	-0.5	1.400	.38	.49	99.51
18	0.0	1.000	.74	.96	99.04
25	0.5	.710	1.47	1.90	98.10
35	1.0	.500	2.76	3.57	96.43
45	1.5	.355	6.32	8.18	91.82
60	2.0	.250	19.52	25.27	74.73
80	2.5	.180	49.20	63.68	36.32
120	3.0	.125	73.33	94.91	5.09
170	3.5	.090	76.27	98.72	1.28
200	3.75	.075	76.31	98.77	1.23
230	4.0	.063	76.77	99.37	.63
PAN			77.23	99.96	.04

PHI(5): 1.15	PHI(16): 1.73	PHI(25): 1.99
PHI(50): 2.32	PHI(75): 2.68	PHI(84): 2.83
PHI(95): 3.01		

SIEVE LOSS(g): .03	SILT/CLAY: 1.23%
SKEWNESS: -.478	KURTOSIS: 1.104

GRAPHIC METHOD

MEAN (PHI): 2.21	SORTING: .55
MEAN (mm) : .22	MEDIAN (mm): .20

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.25	SORTING: .62
MEAN (mm) : .21	

DATA FILE NAME: A:VC10S#1.TAB

GRADATION ANALYSIS REPORT
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TESTED BY: MDA ON: 11-14-94

SAMPLE NO.: NBR10 S#2
SAMPLE ELEV. (FT. NGVD): -59.0
SAMPLE DEPTH (FT.): -4.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 79.68
SAMPLE WEIGHT AFTER WASH (GRAMS): 78.50

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	.08	.10	99.90
10	-1.0	2.000	.26	.33	99.67
14	-0.5	1.400	.73	.92	99.08
18	0.0	1.000	1.24	1.56	98.44
25	0.5	.710	2.67	3.35	96.65
35	1.0	.500	7.50	9.41	90.59
45	1.5	.355	16.61	20.85	79.15
60	2.0	.250	42.69	53.58	46.42
80	2.5	.180	66.53	83.50	16.50
120	3.0	.125	77.29	97.00	3.00
170	3.5	.090	78.44	98.44	1.56
200	3.75	.075	78.47	98.48	1.52
230	4.0	.063	79.07	99.23	.77
PAN			79.67	99.99	.01

PHI(5): .64	PHI(16): 1.29	PHI(25): 1.56
PHI(50): 1.95	PHI(75): 2.36	PHI(84): 2.52
PHI(95): 2.93		

SIEVE LOSS(g): .01	SILT/CLAY: 1.52%
SKEWNESS: -.329	KURTOSIS: 1.181

GRAPHIC METHOD

MEAN (PHI): 1.86	SORTING: .62
MEAN (mm): .27	MEDIAN (mm): .26
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD	

MOMENT METHOD

MEAN (PHI): 1.89	SORTING: .70
MEAN (mm): .27	

DATA FILE NAME: A:VC10S#2.TAB

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

SAMPLE NO.: NBR10 S#3
SAMPLE ELEV. (FT. NGVD): -63.0
SAMPLE DEPTH (FT.): -8.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 65.44
SAMPLE WEIGHT AFTER WASH (GRAMS): 64.11

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	.67	1.02	98.98
7	-1.5	2.800	1.15	1.76	98.24
10	-1.0	2.000	1.43	2.19	97.81
14	-0.5	1.400	2.39	3.65	96.35
18	0.0	1.000	3.54	5.41	94.59
25	0.5	.710	6.36	9.72	90.28
35	1.0	.500	13.32	20.35	79.65
45	1.5	.355	23.68	36.19	63.81
60	2.0	.250	45.43	69.42	30.58
80	2.5	.180	59.63	91.12	8.88
120	3.0	.125	63.59	97.17	2.83
170	3.5	.090	64.03	97.85	2.15
200	3.75	.075	64.07	97.91	2.09
230	4.0	.063	64.75	98.94	1.06
PAN			65.41	99.95	.05

PHI(5): -.12	PHI(16): .80	PHI(25): 1.15
PHI(50): 1.71	PHI(75): 2.13	PHI(84): 2.34
PHI(95): 2.82		

SIEVE LOSS(g): .03	SILT/CLAY: 2.09%
SKEWNESS: -.712	KURTOSIS: 1.226

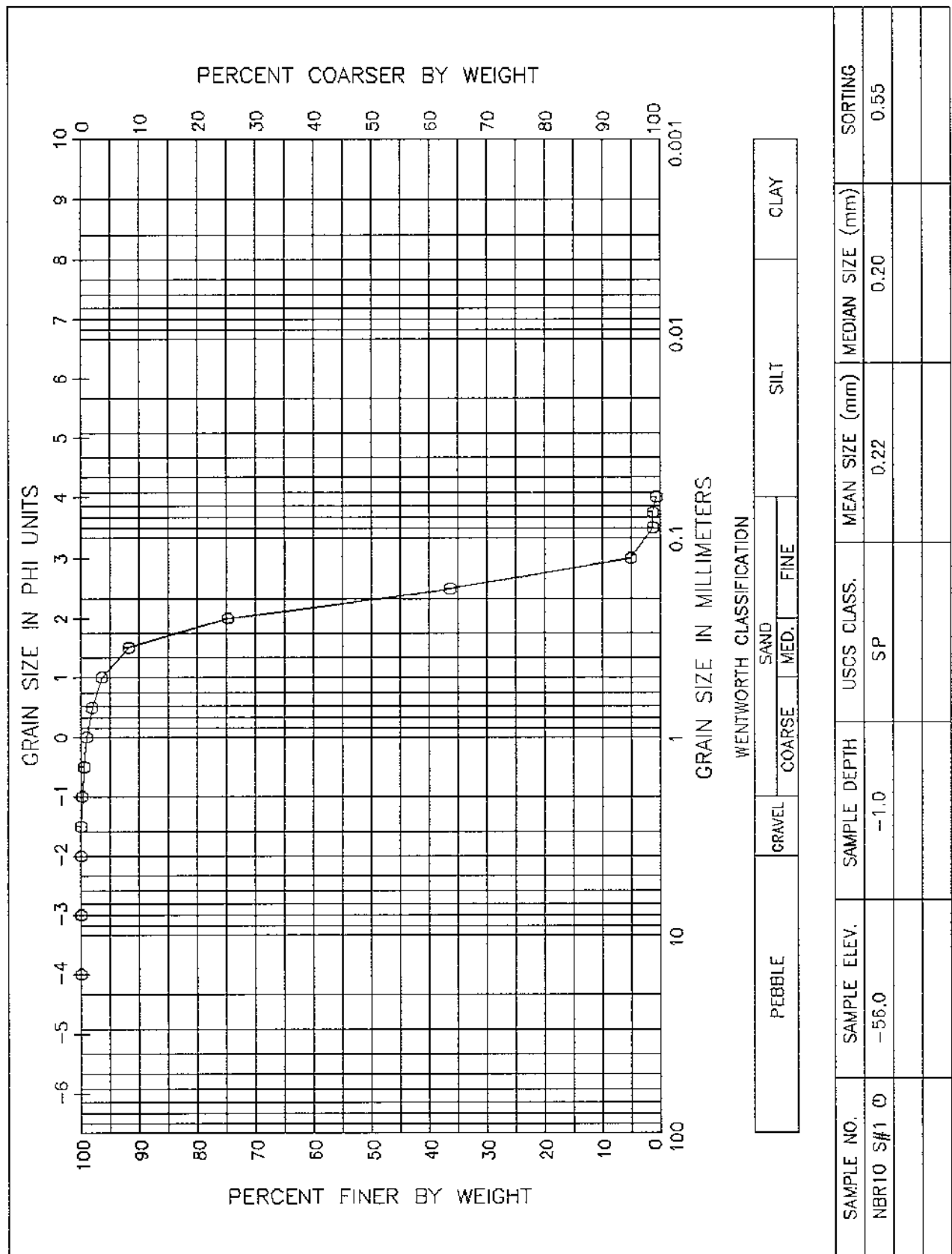
GRAPHIC METHOD

MEAN (PHI): 1.51	SORTING: .77
MEAN (mm) : .35	MEDIAN (mm): .31
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD	

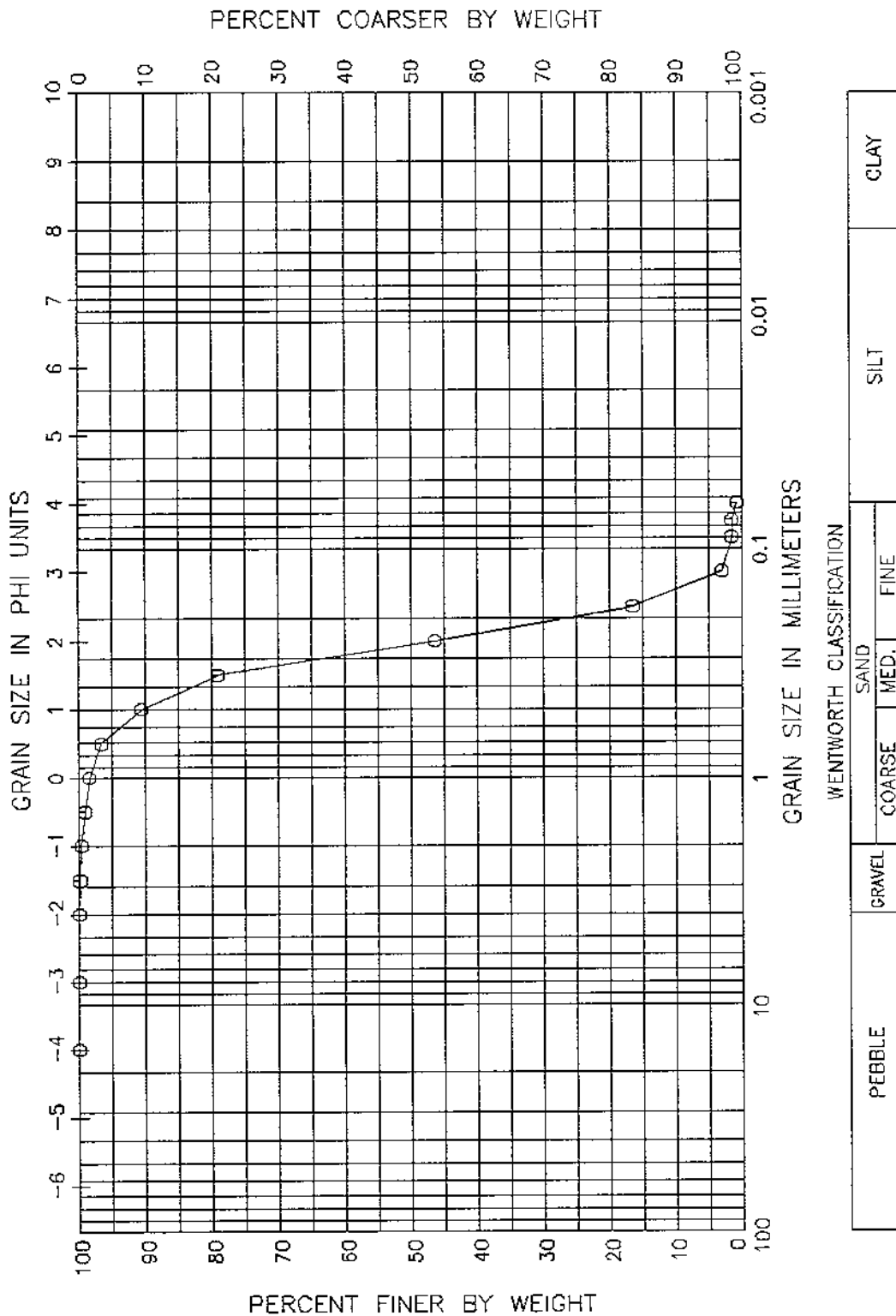
MOMENT METHOD

MEAN (PHI): 1.55	SORTING: .93
MEAN (mm) : .34	

DATA FILE NAME: A:VC10S#3.TAB

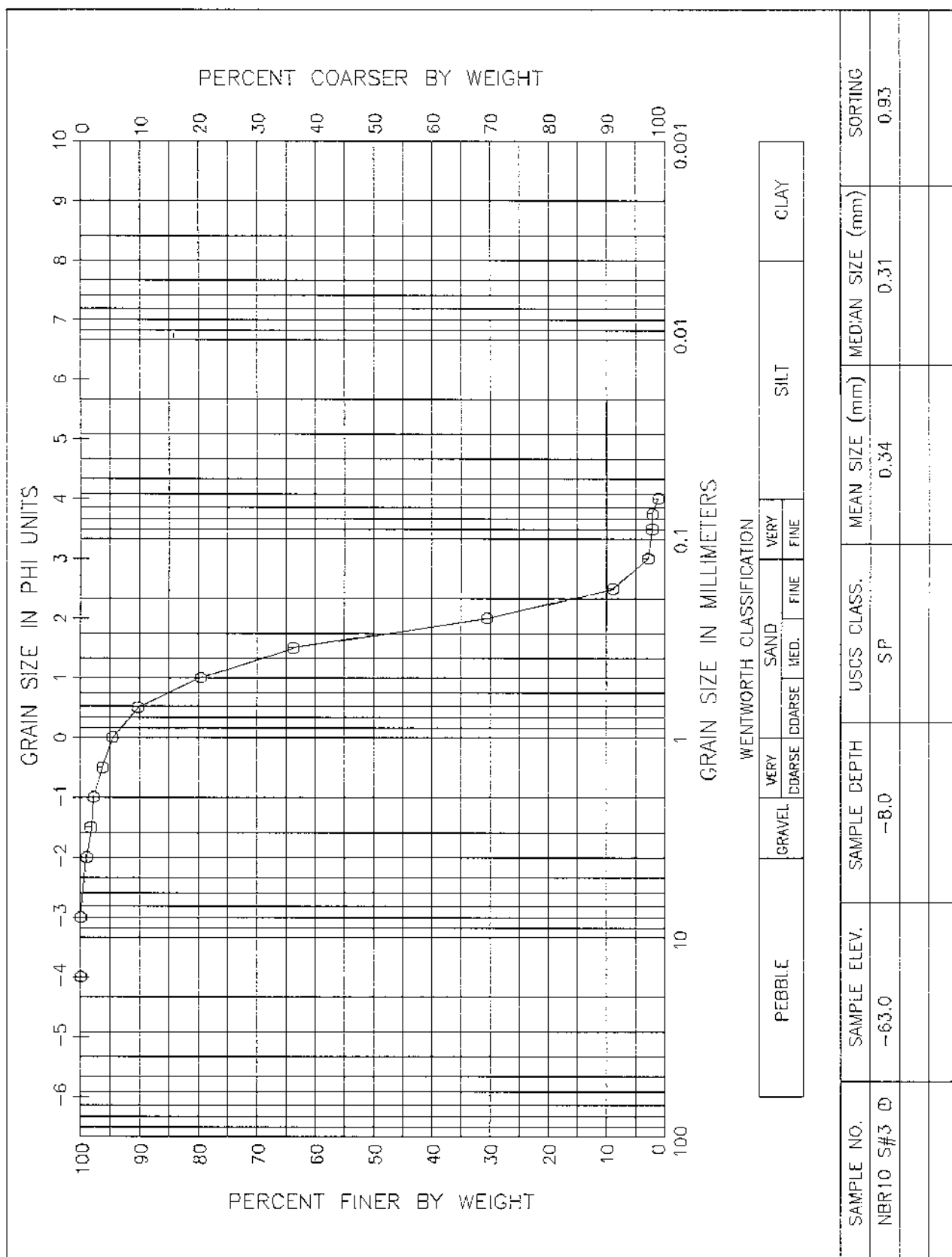


GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON VIBRACORE 9-94



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
NBR10 S#2 0	-59.0	-4.0	SP	0.27	0.26	0.62

GRAIN SIZE DISTRIBUTION CURVE
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