

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

SAMPLE NO.: NBR19 S#3
SAMPLE ELEV. (FT. NGVD): -69.8
SAMPLE DEPTH (FT.): -16.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 69.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 67.69

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	.20	.29	99.71
7	-1.5	2.800	.50	.72	99.28
10	-1.0	2.000	.75	1.09	98.91
14	-0.5	1.400	1.27	1.84	98.16
18	0.0	1.000	1.84	2.66	97.34
25	0.5	.710	2.91	4.21	95.79
35	1.0	.500	5.38	7.79	92.21
45	1.5	.355	9.79	14.17	85.83
60	2.0	.250	27.19	39.35	60.65
80	2.5	.180	50.88	73.63	26.37
120	3.0	.125	65.35	94.57	5.43
170	3.5	.090	67.53	97.73	2.27
200	3.75	.075	67.63	97.87	2.13
230	4.0	.063	68.37	98.94	1.06
PAN			69.09	99.99	.01

PHI(5): .61 PHI(16): 1.54 PHI(25): 1.72
PHI(50): 2.16 PHI(75): 2.53 PHI(84): 2.75
PHI(95): 3.07

SIEVE LOSS(g): .01 SILT/CLAY: 2.13%
SKEWNESS: -.633 KURTOSIS: 1.232

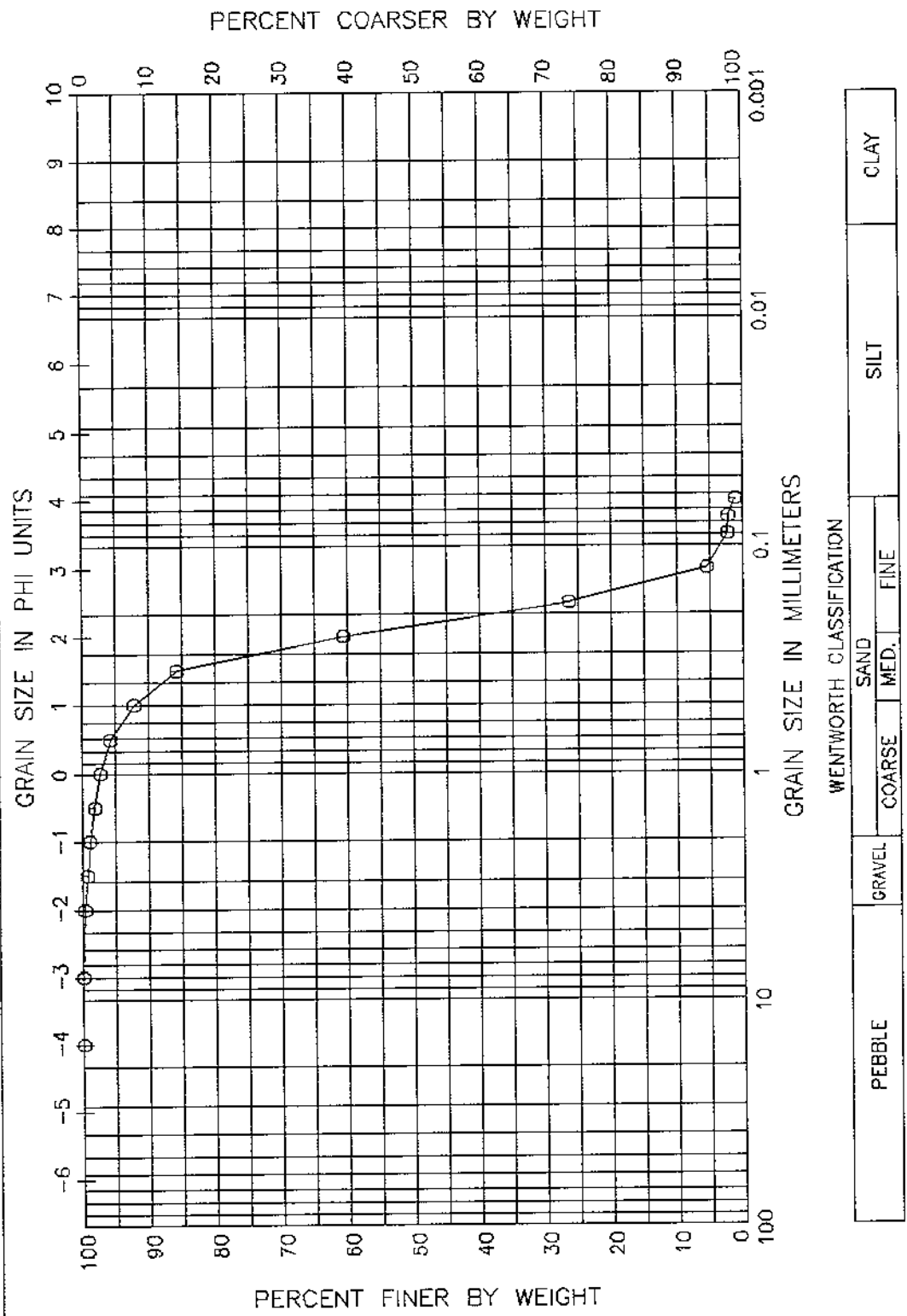
GRAPHIC METHOD

MEAN (PHI): 2.02 SORTING: .61
MEAN (mm): .25 MEDIAN (mm): .22
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.04 SORTING: .80
MEAN (mm): .24

DATA FILE NAME: A:VC19S#3.TAB



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
NBR19 S#3 0	-69.8	-18.0	SP	0.25	0.22	0.61

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