

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

SAMPLE NO.: NBR2 S#3  
SAMPLE ELEV. (FT. NGVD): -68.8  
SAMPLE DEPTH (FT.): -16.0  
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 68.13  
SAMPLE WEIGHT AFTER WASH (GRAMS): 67.09

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	.07	99.93
10	-1.0	2.000	.16	.23	99.77
14	-0.5	1.400	.39	.57	99.43
18	0.0	1.000	.68	1.00	99.00
25	0.5	.710	1.38	2.03	97.97
35	1.0	.500	2.94	4.32	95.68
45	1.5	.355	6.26	9.19	90.81
60	2.0	.250	20.35	29.87	70.13
80	2.5	.180	44.59	65.45	34.55
120	3.0	.125	64.20	94.23	5.77
170	3.5	.090	66.97	98.30	1.70
200	3.75	.075	67.03	98.39	1.61
230	4.0	.063	67.57	99.18	.82
PAN			68.10	99.96	.04

PHI(5): 1.07	PHI(16): 1.66	PHI(25): 1.88
PHI(50): 2.28	PHI(75): 2.67	PHI(84): 2.82
PHI(95): 3.09		

SIEVE LOSS(g): .03	SILT/CLAY: 1.61%
SKEWNESS: -.401	KURTOSIS: 1.059

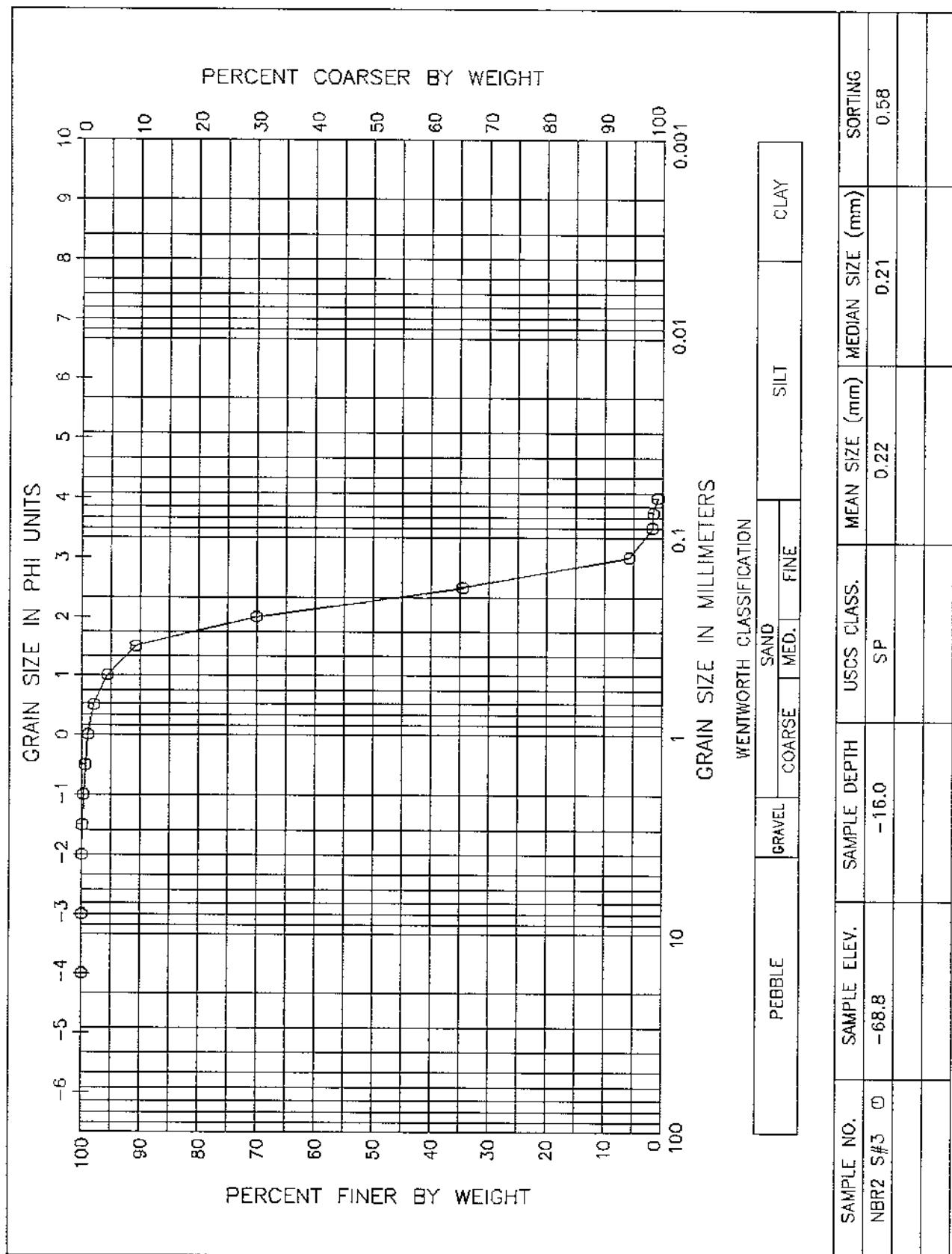
GRAPHIC METHOD

MEAN (PHI): 2.19	SORTING: .58
MEAN (mm) : .22	MEDIAN (mm): .21
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD	

MOMENT METHOD

MEAN (PHI): 2.21	SORTING: .65
MEAN (mm) : .22	

DATA FILE NAME: A:VC2S#3.TAB



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