

GRADATION ANALYSIS REPORT  
 TOWN OF PALM BEACH  
 TESTED BY: RW ON: 7-19-99

SAMPLE NO.: VC99 49#1  
 SAMPLE ELEV. (FT. NGVD): -54.1  
 SAMPLE DEPTH (FT.): 4.0  
 SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 181.23  
 SAMPLE WEIGHT AFTER WASH (GRAMS): 178.40

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	0.28	0.15	99.85
7	-1.50	2.800	0.44	0.24	99.76
10	-1.00	2.000	0.75	0.41	99.59
14	-0.50	1.400	1.24	0.68	99.32
18	0.00	1.000	1.77	0.98	99.02
25	0.50	0.710	2.23	1.23	98.77
35	1.00	0.500	2.80	1.54	98.46
45	1.50	0.355	3.36	1.85	98.15
60	2.00	0.250	4.24	2.34	97.66
80	2.50	0.180	8.99	4.96	95.04
120	3.00	0.125	84.44	46.59	53.41
170	3.50	0.090	174.12	96.08	3.92
200	3.75	0.075	177.85	98.13	1.87
230	4.00	0.063	179.70	99.16	0.84
PAN			181.23	100.00	0.00

PHI (5): 2.50                      PHI (16): 2.63                      PHI (25): 2.74  
 PHI (50): 3.03                      PHI (75): 3.29                      PHI (84): 3.38  
 PHI (95): 3.49

SIEVE LOSS (g): 0.00                      SILT/CLAY: 1.87%  
 SKEWNESS: -0.106                      KURTOSIS: 0.742

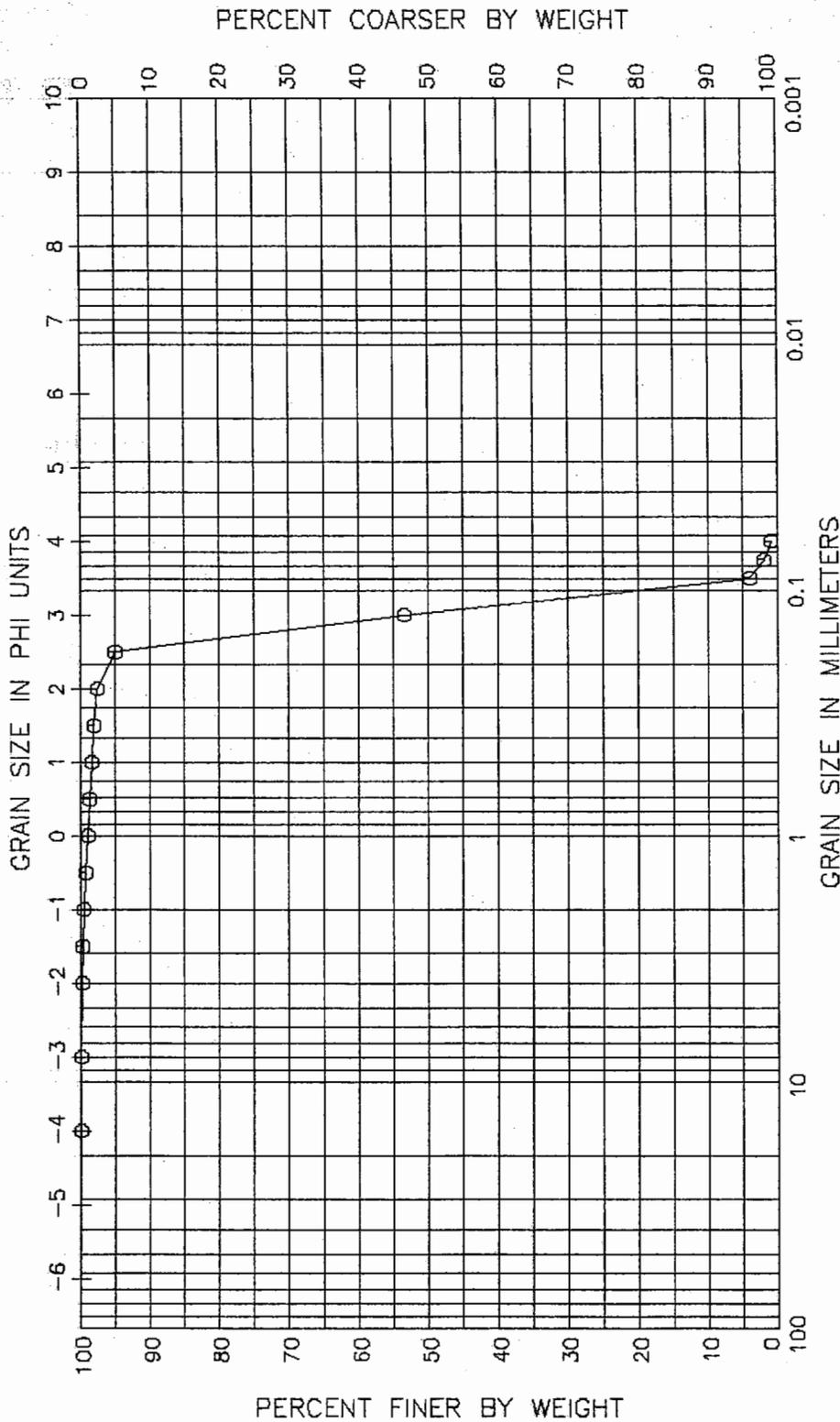
GRAPHIC METHOD  
 MEAN (PHI): 3.01                      SORTING: 0.37  
 MEAN (mm) : 0.12                      MEDIAN (mm): 0.12  
 NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD  
 MEAN (PHI): 2.96                      SORTING: 0.55  
 MEAN (mm) : 0.13

DATA FILE NAME: VC99-49#1.TAB

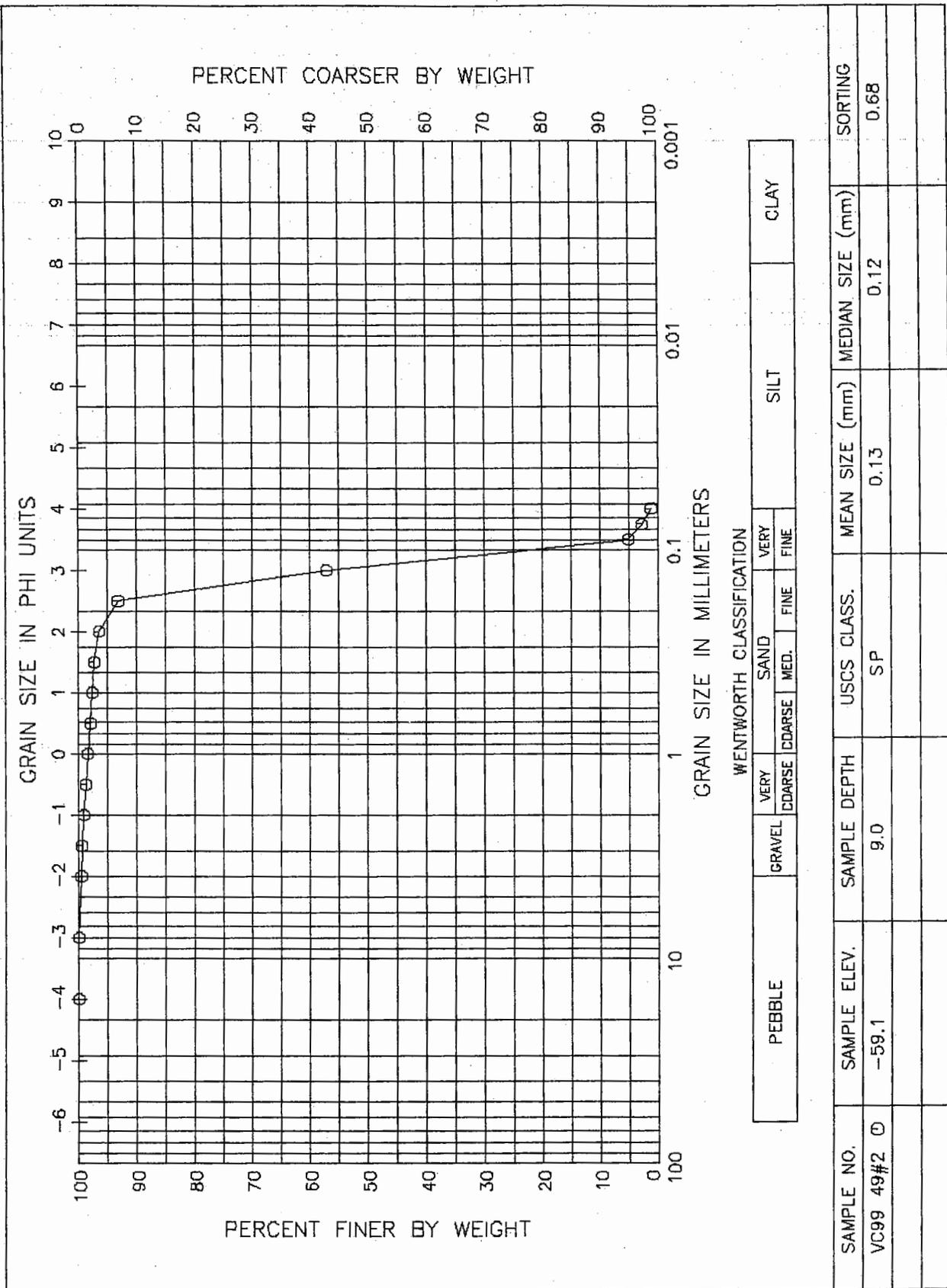




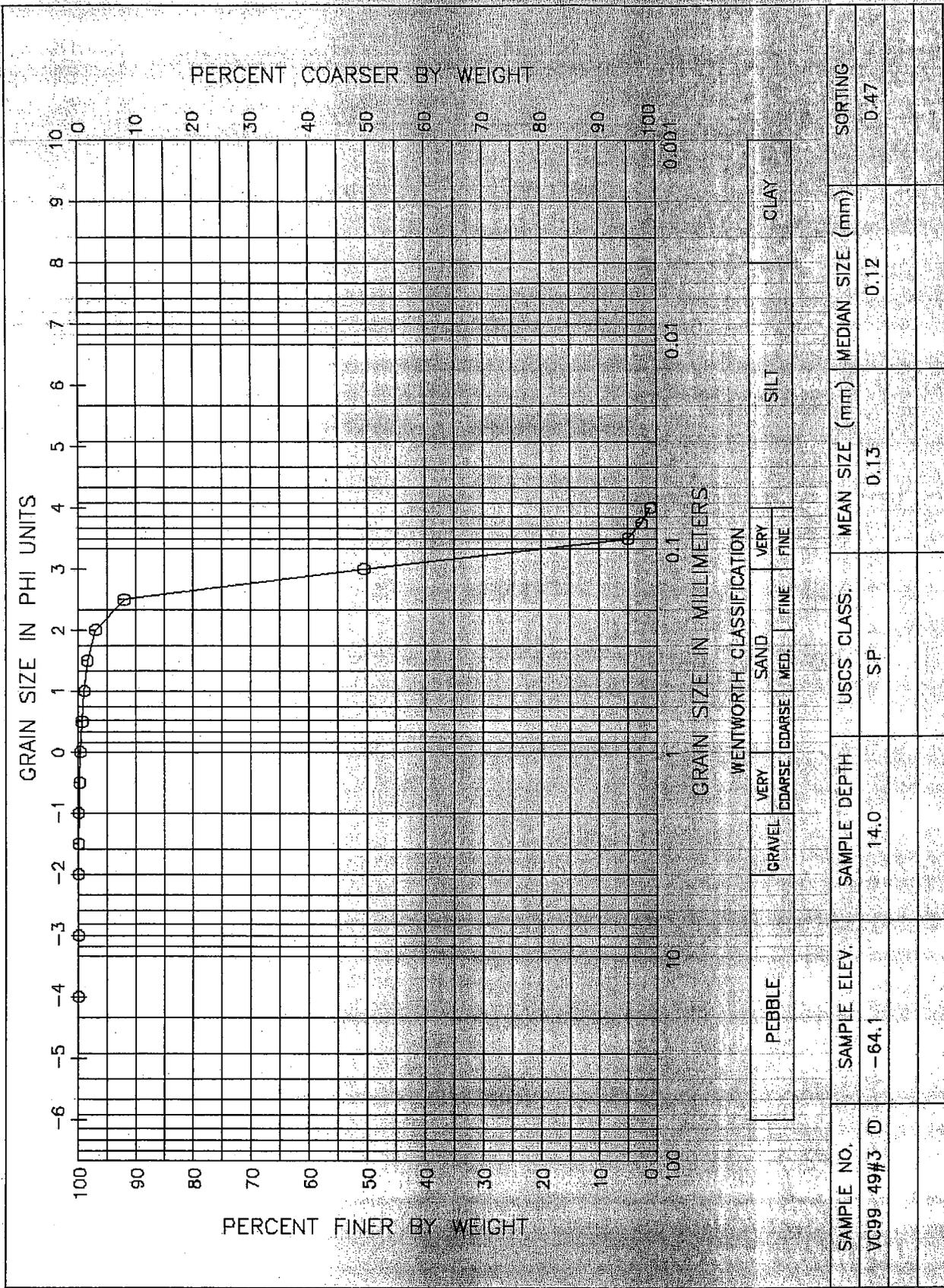


SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC99 49#1	-54.1	4.0	SP	0.13	0.12	0.55

GRAIN SIZE DISTRIBUTION CURVE  
TOWN OF PALM BEACH



GRAIN SIZE DISTRIBUTION CURVE  
TOWN OF PALM BEACH



GRAIN SIZE DISTRIBUTION CURVE  
TOWN OF PALM BEACH