

GRADATION ANALYSIS REPORT
TOWN OF PALM BEACH
TESTED BY: RW ON: 5/21/99

SAMPLE NO.: VC99 57#2
SAMPLE ELEV. (FT. NGVD): -57.8
SAMPLE DEPTH (FT.): 9.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 81.42
SAMPLE WEIGHT AFTER WASH (GRAMS): 80.29

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	0.00	0.00	100.00
7	-1.50	2.800	0.03	0.04	99.96
10	-1.00	2.000	0.16	0.20	99.80
14	-0.50	1.400	0.36	0.44	99.56
18	0.00	1.000	0.52	0.64	99.36
25	0.50	0.710	0.78	0.96	99.04
35	1.00	0.500	1.06	1.30	98.70
45	1.50	0.355	1.37	1.68	98.32
60	2.00	0.250	2.17	2.67	97.33
80	2.50	0.180	5.79	7.11	92.89
120	3.00	0.125	38.42	47.19	52.81
170	3.50	0.090	78.73	96.70	3.30
200	3.75	0.075	80.22	98.53	1.47
230	4.00	0.063	80.85	99.29	0.71
PAN			81.42	100.00	0.00

PHI(5): 2.26 PHI(16): 2.61 PHI(25): 2.72
PHI(50): 3.03 PHI(75): 3.28 PHI(84): 3.37
PHI(95): 3.48

SIEVE LOSS(g): 0.00 SILT/CLAY: 1.47%
SKEWNESS: -0.409 KURTOSIS: 0.897

GRAPHIC METHOD

MEAN (PHI): 2.95 SORTING: 0.38
MEAN (mm) : 0.13 MEDIAN (mm): 0.12

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.95 SORTING: 0.50
MEAN (mm) : 0.13

DATA FILE NAME: VC99-57#2.TAB

GRADATION ANALYSIS REPORT
TOWN OF PALM BEACH
TESTED BY: RW ON: 5/21/99

SAMPLE NO.: VC99 57#3
SAMPLE ELEV. (FT. NGVD): -62.8
SAMPLE DEPTH (FT.): 14.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 88.55
SAMPLE WEIGHT AFTER WASH (GRAMS): 86.20

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	0.82	0.93	99.07
5	-2.00	4.000	1.35	1.52	98.48
7	-1.50	2.800	1.66	1.87	98.13
10	-1.00	2.000	2.59	2.92	97.08
14	-0.50	1.400	2.74	3.09	96.91
18	0.00	1.000	3.10	3.50	96.50
25	0.50	0.710	3.39	3.83	96.17
35	1.00	0.500	3.81	4.30	95.70
45	1.50	0.355	4.18	4.72	95.28
60	2.00	0.250	5.08	5.74	94.26
80	2.50	0.180	8.66	9.78	90.22
120	3.00	0.125	40.71	45.97	54.03
170	3.50	0.090	84.23	95.12	4.88
200	3.75	0.075	85.89	97.00	3.00
230	4.00	0.063	87.32	98.61	1.39
PAN			88.54	99.99	0.01

PHI (5): 1.64 PHI (16): 2.59 PHI (25): 2.71
PHI (50): 3.04 PHI (75): 3.30 PHI (84): 3.39
PHI (95): 3.50

SIEVE LOSS (g): 0.01 SILT/CLAY: 3.00%
SKEWNESS: -1.181 KURTOSIS: 1.304

GRAPHIC METHOD

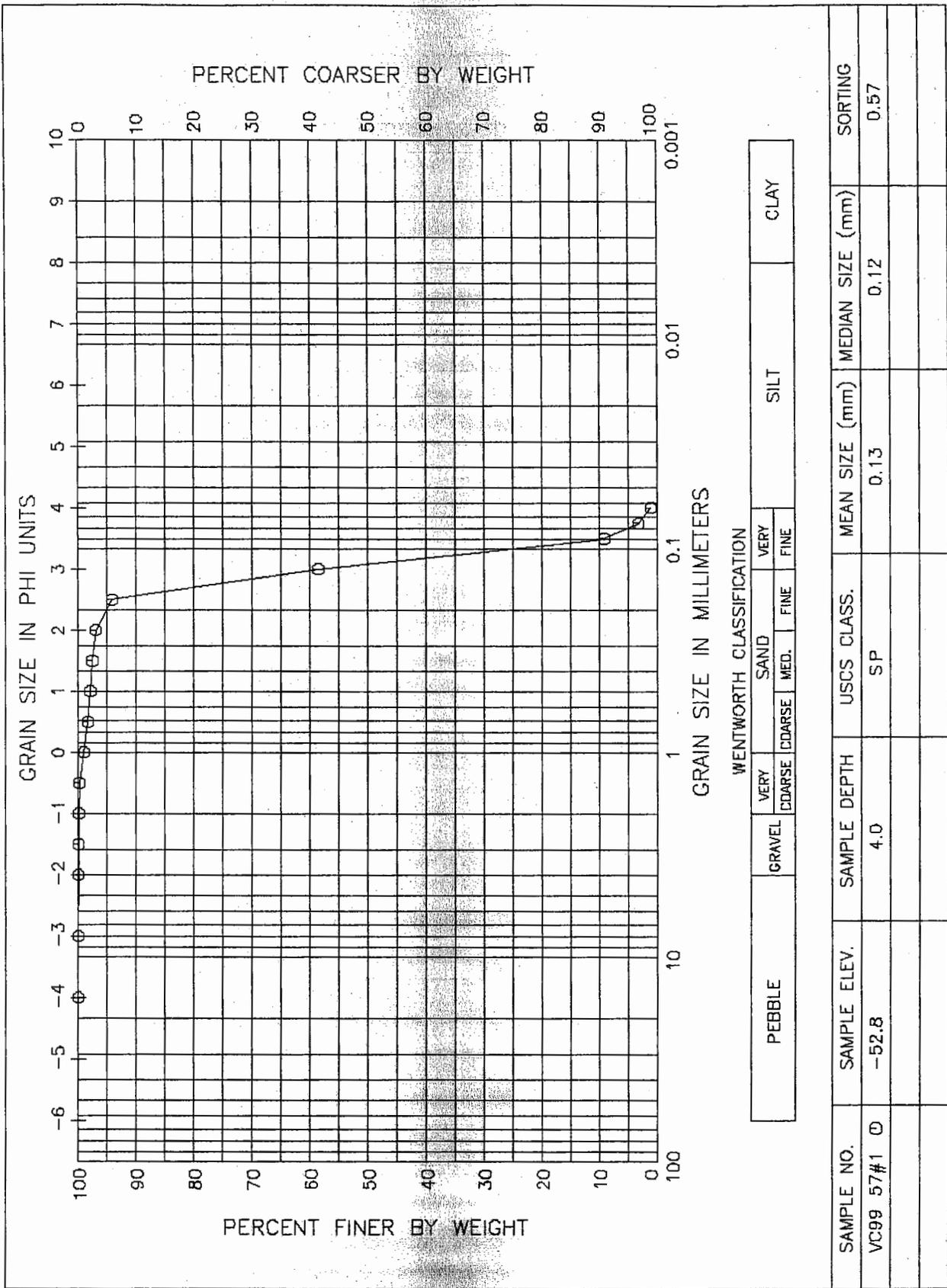
MEAN (PHI): 2.83 SORTING: 0.40
MEAN (mm): 0.14 MEDIAN (mm): 0.12

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

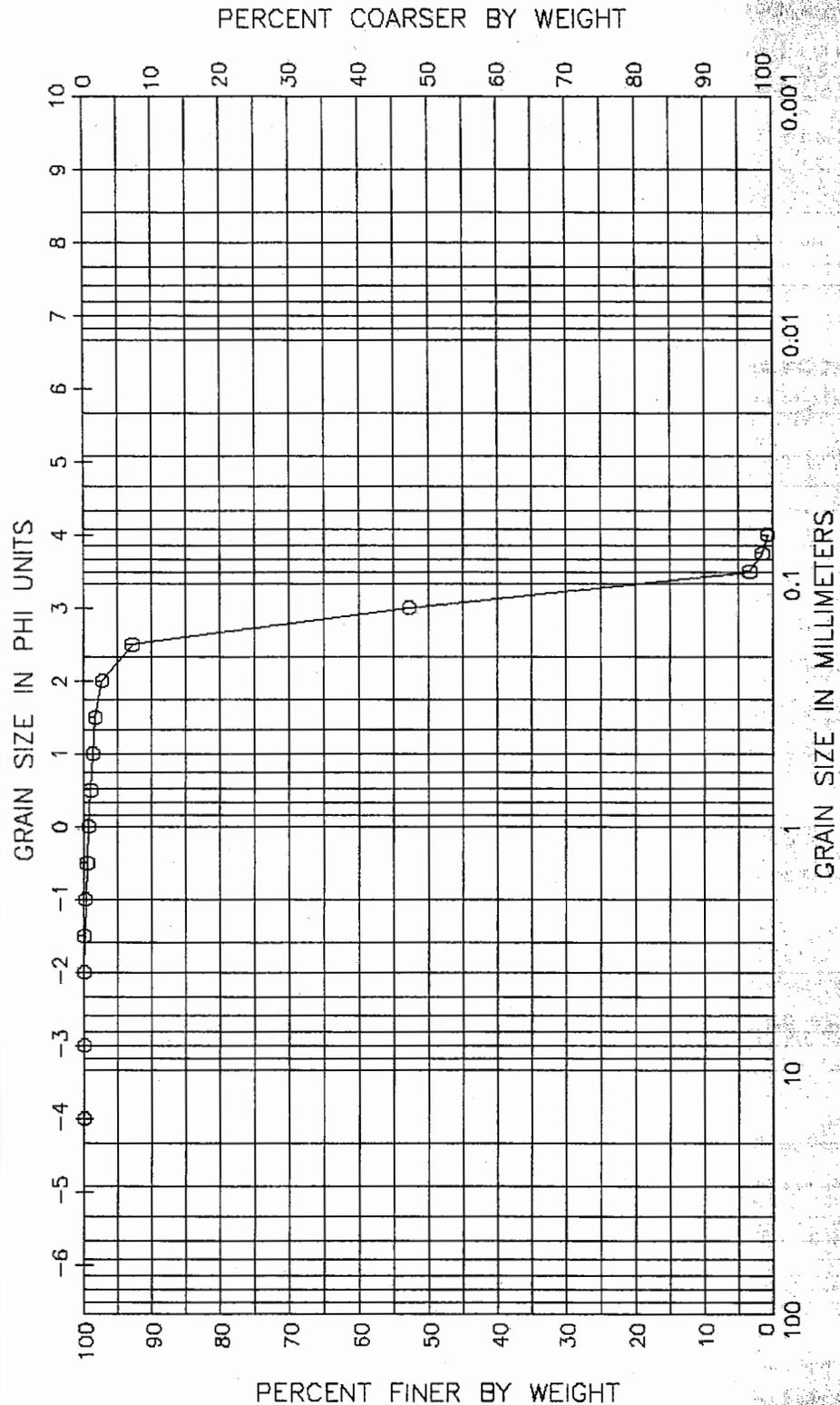
MOMENT METHOD

MEAN (PHI): 2.81 SORTING: 1.03
MEAN (mm): 0.14

DATA FILE NAME: VC99-57#3.TAB

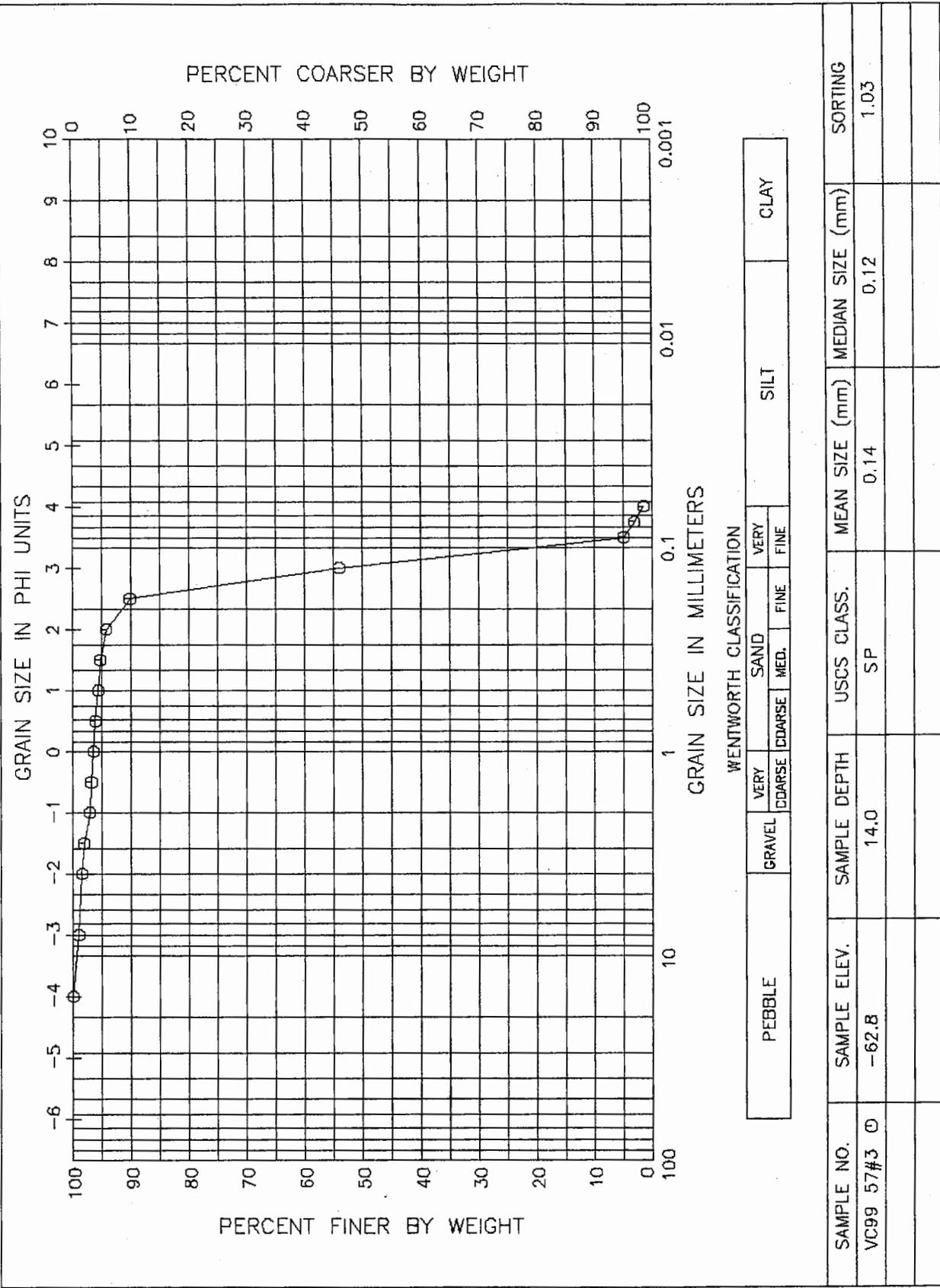


GRAIN SIZE DISTRIBUTION CURVE
TOWN OF PALM BEACH



SAMPLE NO	SAMPLE ELEV	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC99 57#2 0	-57.8	9.0	SP	0.13	0.12	0.50

GRAIN SIZE DISTRIBUTION CURVE
TOWN OF PALM BEACH



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