

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR10 S#25
SAMPLE ELEV. (FT. NGVD): -53.25
SAMPLE DEPTH (FT.): -2.25
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 71.14
SAMPLE WEIGHT AFTER WASH (GRAMS): 69.33

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	.31	.44	99.56
10	-1.0	2.000	.84	1.18	98.82
14	-0.5	1.400	1.55	2.18	97.82
18	0.0	1.000	2.55	3.58	96.42
25	0.5	.710	4.57	6.42	93.58
35	1.0	.500	9.12	12.82	87.18
45	1.5	.355	14.62	20.55	79.45
60	2.0	.250	28.05	39.43	60.57
80	2.5	.180	50.47	70.94	29.06
120	3.0	.125	66.98	94.15	5.85
170	3.5	.090	69.13	97.17	2.83
200	3.75	.075	69.23	97.32	2.68
230	4.0	.063	70.19	98.67	1.33
PAN			71.10	99.94	.06

PHI(5): .25 PHI(16): 1.21 PHI(25): 1.62
PHI(50): 2.17 PHI(75): 2.59 PHI(84): 2.78
PHI(95): 3.14

SIEVE LOSS(g): .04 SILT/CLAY: 2.68%
SKEWNESS: -.946 KURTOSIS: 1.222

GRAPHIC METHOD

MEAN (PHI): 1.91 SORTING: .79
MEAN (mm) : .27 MEDIAN (mm): .22

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.98 SORTING: .89
MEAN (mm) : .25

DATA FILE NAME: B:VC10S#25.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR10 S#26
SAMPLE ELEV. (FT. NGVD): -56.6
SAMPLE DEPTH (FT.): -5.6
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 79.17
SAMPLE WEIGHT AFTER WASH (GRAMS): 77.23

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	.59	.75	99.25
7	-1.5	2.800	.98	1.24	98.76
10	-1.0	2.000	1.73	2.19	97.81
14	-0.5	1.400	2.48	3.13	96.87
18	0.0	1.000	3.24	4.09	95.91
25	0.5	.710	4.85	6.13	93.87
35	1.0	.500	9.82	12.40	87.60
45	1.5	.355	16.77	21.18	78.82
60	2.0	.250	35.22	44.49	55.51
80	2.5	.180	60.84	76.85	23.15
120	3.0	.125	75.55	95.43	4.57
170	3.5	.090	77.07	97.35	2.65
200	3.75	.075	77.17	97.47	2.53
230	4.0	.063	78.16	98.72	1.28
PAN			79.15	99.97	.03

PHI(5): .22 PHI(16): 1.20 PHI(25): 1.58
PHI(50): 2.09 PHI(75): 2.47 PHI(84): 2.69
PHI(95): 2.99

SIEVE LOSS(g): .02 SILT/CLAY: 2.53%
SKEWNESS: -.959 KURTOSIS: 1.274

GRAPHIC METHOD

MEAN (PHI): 1.84 SORTING: .74
MEAN (mm): .28 MEDIAN (mm): .24
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.90 SORTING: .93
MEAN (mm): .27

DATA FILE NAME: B:VC10S#26.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR10 S#27
SAMPLE ELEV. (FT. NGVD): -60.7
SAMPLE DEPTH (FT.): -9.7
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 76.78
SAMPLE WEIGHT AFTER WASH (GRAMS): 75.12

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	.34	.44	99.56
10	-1.0	2.000	.84	1.09	98.91
14	-0.5	1.400	1.29	1.68	98.32
18	0.0	1.000	1.85	2.41	97.59
25	0.5	.710	3.33	4.34	95.66
35	1.0	.500	7.64	9.95	90.05
45	1.5	.355	14.82	19.30	80.70
60	2.0	.250	35.99	46.87	53.13
80	2.5	.180	59.26	77.18	22.82
120	3.0	.125	72.87	94.91	5.09
170	3.5	.090	74.89	97.54	2.46
200	3.75	.075	75.02	97.71	2.29
230	4.0	.063	75.89	98.84	1.16
PAN			76.72	99.92	.08

PHI(5): .56 PHI(16): 1.32 PHI(25): 1.60
PHI(50): 2.05 PHI(75): 2.46 PHI(84): 2.69
PHI(95): 3.02

SIEVE LOSS(g): .06 SILT/CLAY: 2.29%
SKEWNESS: -.527 KURTOSIS: 1.171

GRAPHIC METHOD

MEAN (PHI): 1.93 SORTING: .68
MEAN (mm): .26 MEDIAN (mm): .24
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.95 SORTING: .80
MEAN (mm): .26

DATA FILE NAME: B:VC10S#27.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR10 S#28
SAMPLE ELEV. (FT. NGVD): -66.6
SAMPLE DEPTH (FT.): -15.6
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 73.88
SAMPLE WEIGHT AFTER WASH (GRAMS): 72.40

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	.06	.08	99.92
7	-1.5	2.800	.35	.47	99.53
10	-1.0	2.000	.84	1.14	98.86
14	-0.5	1.400	1.54	2.08	97.92
18	0.0	1.000	2.44	3.30	96.70
25	0.5	.710	4.17	5.64	94.36
35	1.0	.500	7.75	10.49	89.51
45	1.5	.355	13.41	18.15	81.85
60	2.0	.250	34.02	46.05	53.95
80	2.5	.180	58.69	79.44	20.56
120	3.0	.125	70.99	96.09	3.91
170	3.5	.090	72.21	97.74	2.26
200	3.75	.075	72.29	97.85	2.15
230	4.0	.063	73.06	98.89	1.11
PAN			73.81	99.91	.09

PHI(5):	.36	PHI(16):	1.36	PHI(25):	1.62
PHI(50):	2.06	PHI(75):	2.43	PHI(84):	2.64
PHI(95):	2.97				

SIEVE LOSS(g):	.07	SILT/CLAY:	2.15%
SKEWNESS:	-.789	KURTOSIS:	1.317

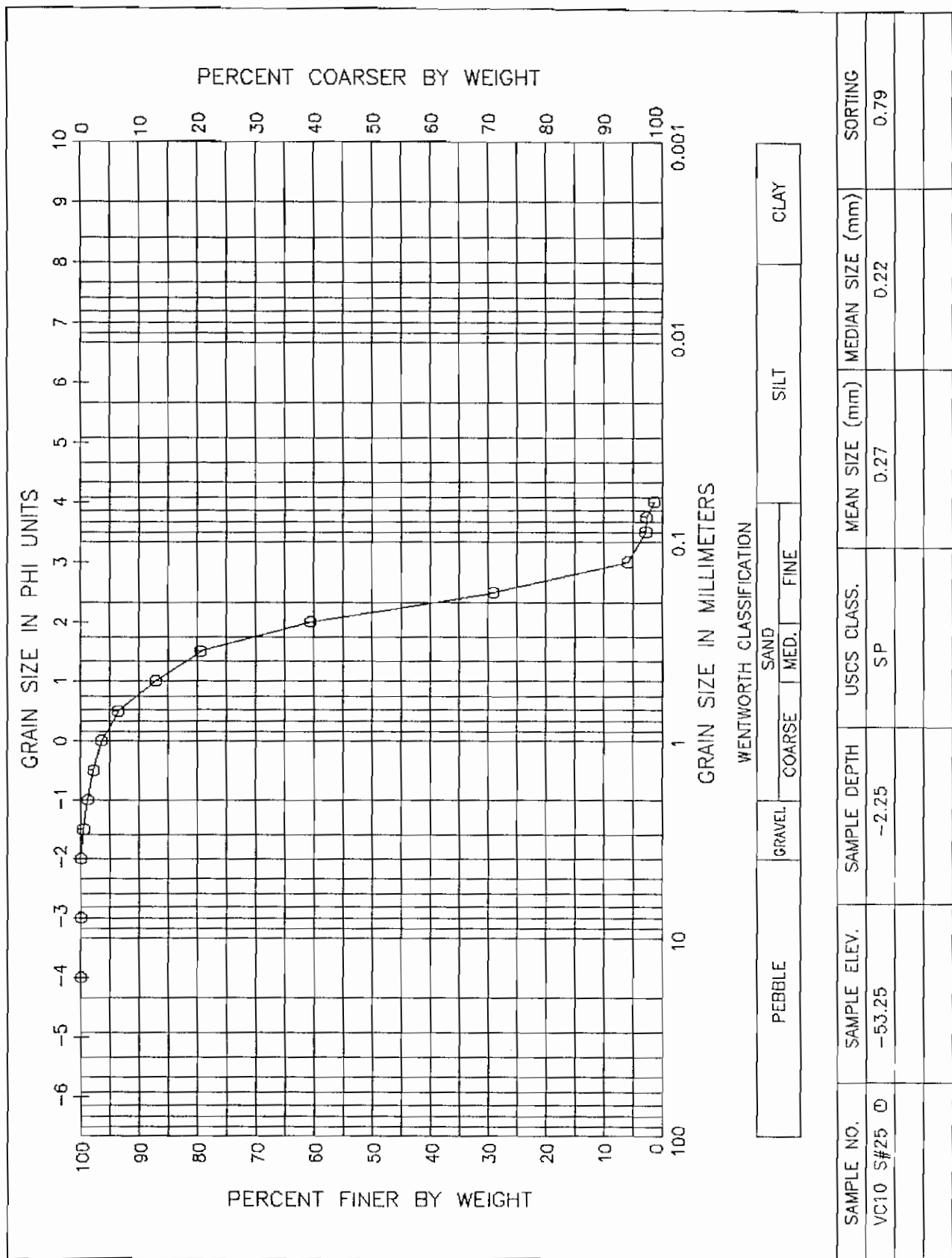
GRAPHIC METHOD

MEAN (PHI):	1.88	SORTING:	.64
MEAN (mm):	.27	MEDIAN (mm):	.24
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD			

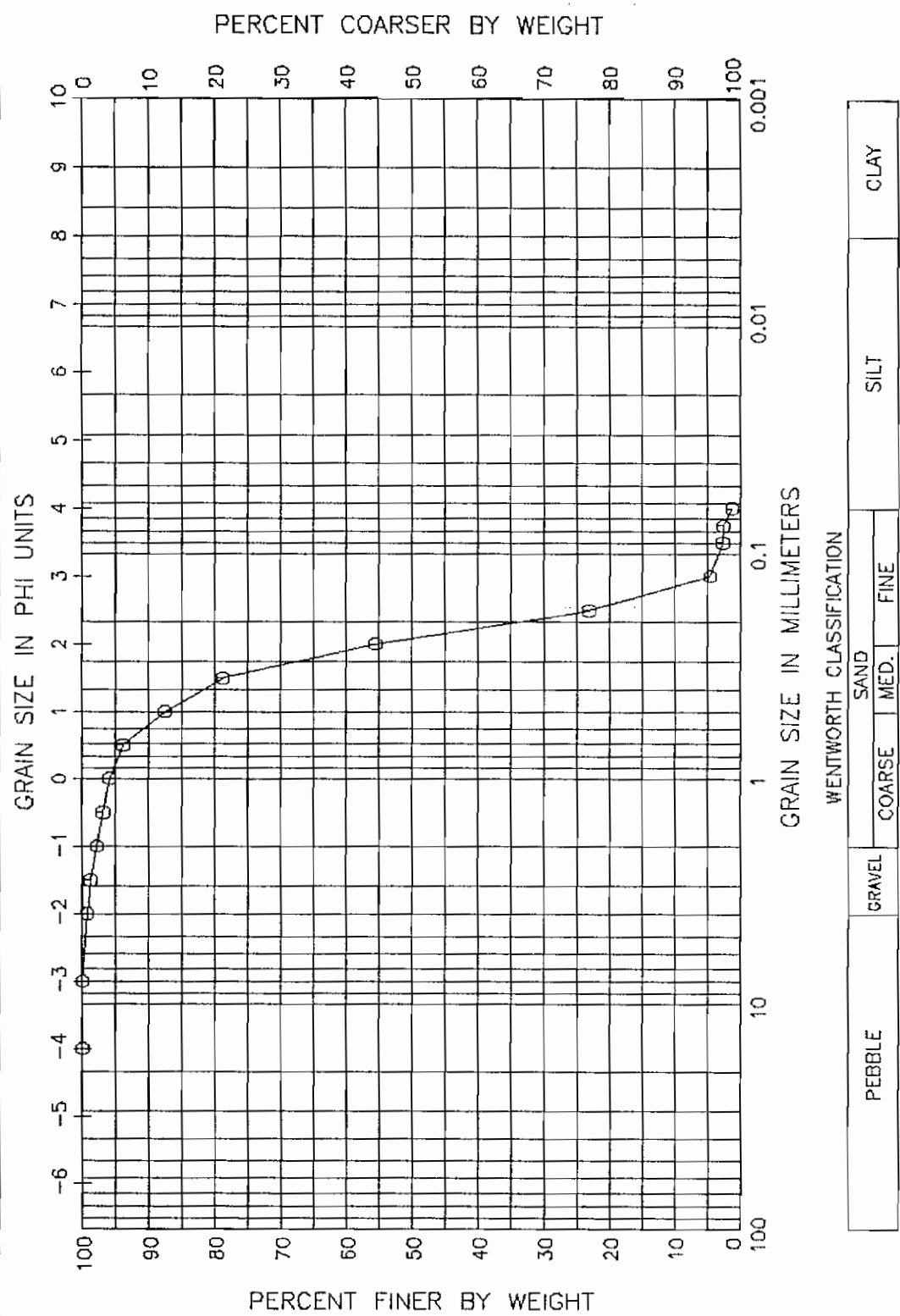
MOMENT METHOD

MEAN (PHI):	1.93	SORTING:	.82
MEAN (mm):	.26		

DATA FILE NAME: B:VC10S#28.TAB

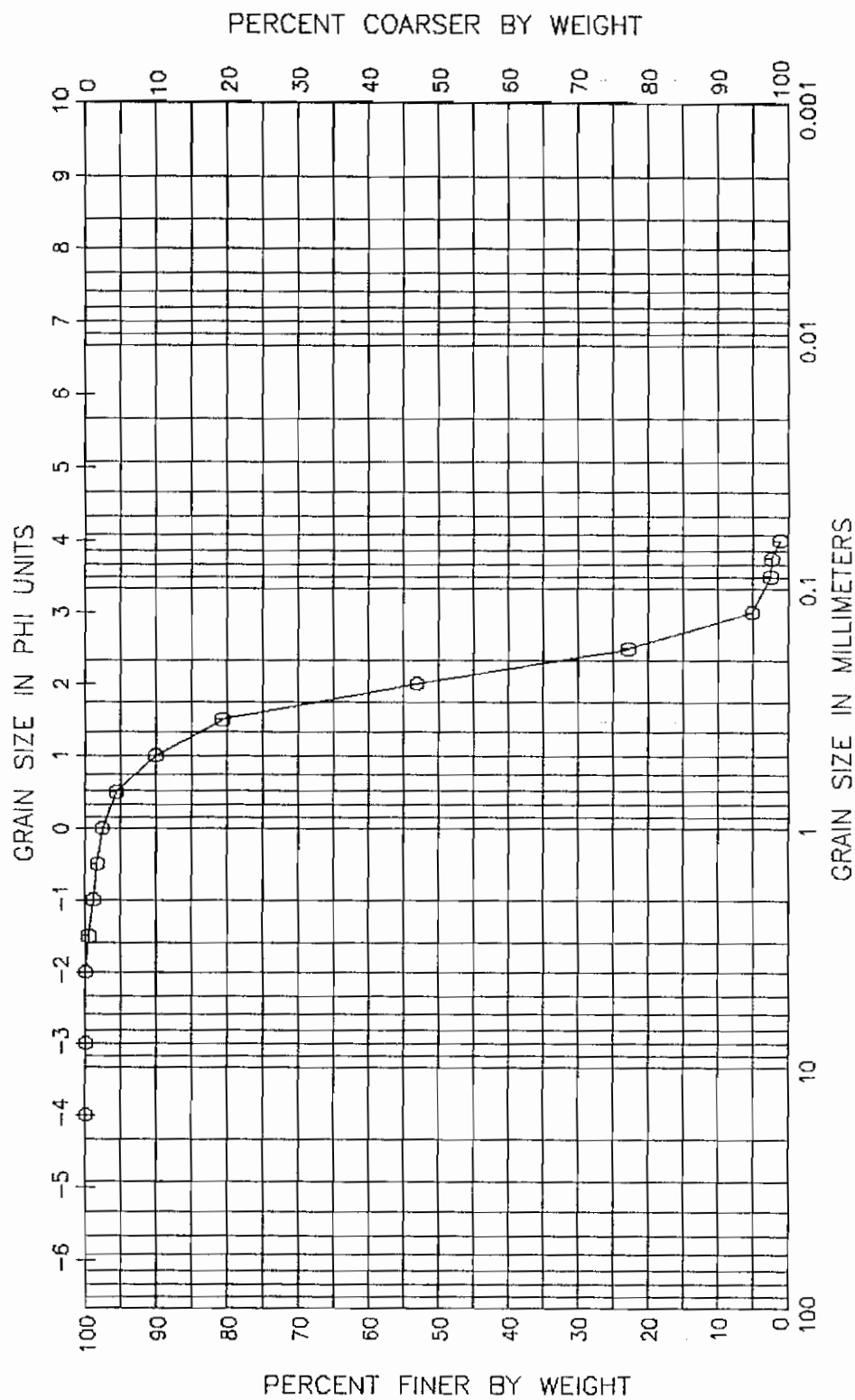


GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON BORROW AREA VC 9/84



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC10 S#26	-56.6	-5.6	SP	0.28	0.24	0.74

GRAIN SIZE DISTRIBUTION CURVE
 N. BOCA RATON BORROW AREA VC 9/84



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
VC10 S#27	-60.7	-9.7	SP	0.26	0.24	0.68

GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON BORROW AREA VC 9/84

