

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R121
SAMPLE ELEV. (FT. NGVD): +8
SAMPLE DEPTH (FT.): +8
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 287.70
SAMPLE WEIGHT AFTER WASH (GRAMS): 284.50

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	.80	.28	99.72
5	-2.0	4.000	6.20	2.16	97.84
7	-1.5	2.800	7.80	2.71	97.29
10	-1.0	2.000	11.10	3.86	96.14
14	-0.5	1.400	18.50	6.43	93.57
18	0.0	1.000	32.10	11.16	88.84
25	0.5	.710	62.80	21.83	78.17
35	1.0	.500	113.30	39.38	60.62
45	1.5	.355	154.70	53.77	46.23
60	2.0	.250	206.10	71.64	28.36
80	2.5	.180	241.50	83.94	16.06
120	3.0	.125	269.70	93.74	6.26
170	3.5	.090	281.40	97.81	2.19
200	3.75	.075	282.90	98.33	1.67
230	4.0	.063	285.30	99.17	.83
PAN			287.50	99.93	.07

SIEVE LOSS(q):	.20		
MEDIAN (mm):	.387	MEAN (mm):	.408
SILT/CLAY:	1.67%	SORTING:	1.138
SKEWNESS:	-.361	KURTOSIS:	1.042

PHI(5):	-.78	PHI(16):	.23	PHI(25):	.59
PHI(50):	1.37	PHI(75):	2.14	PHI(84):	2.50
PHI(95):	3.15				
COEFFICIENT OF CURVATURE :	.947				
COEFFICIENT OF UNIFORMITY:	3.452				

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R121P8.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R121
SAMPLE ELEV. (FT. NGVD): +4
SAMPLE DEPTH (FT.): +4
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 297.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 295.10

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	3.60	1.21	98.79
5	-2.0	4.000	6.00	2.02	97.98
7	-1.5	2.800	7.60	2.56	97.44
10	-1.0	2.000	9.70	3.26	96.74
14	-0.5	1.400	14.60	4.91	95.09
18	0.0	1.000	22.90	7.71	92.29
25	0.5	.710	43.40	14.61	85.39
35	1.0	.500	85.50	28.78	71.22
45	1.5	.355	129.30	43.52	56.48
60	2.0	.250	212.00	71.36	28.64
80	2.5	.180	274.90	92.53	7.47
120	3.0	.125	293.30	98.72	1.28
170	3.5	.090	294.80	99.23	.77
200	3.75	.075	294.90	99.26	.74
230	4.0	.063	296.00	99.63	.37
PAN			297.10	100.00	.00

SIEVE LOSS(q): .00
MEDIAN (mm): .326 MEAN (mm): .396
SILT/CLAY: .74% SORTING: .875
SKEWNESS: -1.018 KURTOSIS: 1.070

PHI(5): -.48 PHI(16): .55 PHI(25): .87
PHI(50): 1.62 PHI(75): 2.09 PHI(84): 2.30
PHI(95): 2.70
COEFFICIENT OF CURVATURE : .914
COEFFICIENT OF UNIFORMITY: 2.085

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R121P4.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ ON: 10-6-92

SAMPLE NO.: R121
SAMPLE ELEV. (FT. NGVD): 0
SAMPLE DEPTH (FT.): 0
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 243.80
SAMPLE WEIGHT AFTER WASH (GRAMS): 241.40

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	4.80	1.97	98.03
7	-1.5	2.800	7.60	3.12	96.88
10	-1.0	2.000	12.20	5.00	95.00
14	-0.5	1.400	22.50	9.23	90.77
18	0.0	1.000	34.50	14.15	85.85
25	0.5	.710	64.50	26.46	73.54
35	1.0	.500	118.20	48.48	51.52
45	1.5	.355	161.70	66.32	33.68
60	2.0	.250	210.60	86.38	13.62
80	2.5	.180	233.00	95.57	4.43
120	3.0	.125	240.10	98.48	1.52
170	3.5	.090	241.20	98.93	1.07
200	3.75	.075	241.30	98.97	1.03
230	4.0	.063	242.50	99.47	.53
PAN			243.80	100.00	.00

SIEVE LOSS(g): .00
MEDIAN (mm): .485 MEAN (mm): .534
SILT/CLAY: 1.03% SORTING: .933
SKEWNESS: -.617 KURTOSIS: 1.115

PHI(5): -1.00 PHI(16): .08 PHI(25): .44
PHI(50): 1.04 PHI(75): 1.72 PHI(84): 1.94
PHI(95): 2.47
COEFFICIENT OF CURVATURE : .983
COEFFICIENT OF UNIFORMITY: 2.620

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R1210.TAE

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R121
SAMPLE ELEV. (FT. NGVD): -4
SAMPLE DEPTH (FT.): -4
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 229.70
SAMPLE WEIGHT AFTER WASH (GRAMS): 227.40

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	.70	.30	99.70
7	-1.5	2.800	.90	.39	99.61
10	-1.0	2.000	1.00	.44	99.56
14	-0.5	1.400	1.40	.61	99.39
18	0.0	1.000	2.20	.96	99.04
25	0.5	.710	3.70	1.61	98.39
35	1.0	.500	8.40	3.66	96.34
45	1.5	.355	17.50	7.62	92.38
60	2.0	.250	51.00	22.20	77.80
80	2.5	.180	120.00	52.24	47.76
120	3.0	.125	199.20	86.72	13.28
170	3.5	.090	223.00	97.08	2.92
200	3.75	.075	226.00	98.39	1.61
230	4.0	.063	228.25	99.37	.63
PAN			229.70	100.00	.00

SIEVE LOSS(q): .00
MEDIAN (mm): .181 MEAN (mm): .195
SILT/CLAY: 1.61% SORTING: .587
SKEWNESS: -.356 KURTOSIS: 1.167

PHI(5): 1.17 PHI(16): 1.79 PHI(25): 2.05
PHI(50): 2.46 PHI(75): 2.83 PHI(84): 2.96
PHI(95): 3.40
COEFFICIENT OF CURVATURE : .959
COEFFICIENT OF UNIFORMITY: 1.818

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R121N4.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ DN: 10-4-92

SAMPLE NO.: R121
SAMPLE ELEV. (FT. NGVD): -8
SAMPLE DEPTH (FT.): -8
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 178.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 174.80

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	.00	.00	100.00
10	-1.0	2.000	.00	.00	100.00
14	-0.5	1.400	.00	.00	100.00
18	0.0	1.000	.10	.06	99.94
25	0.5	.710	.80	.45	99.55
35	1.0	.500	3.10	1.73	98.27
45	1.5	.355	8.90	4.97	95.03
60	2.0	.250	30.10	16.83	83.17
80	2.5	.180	68.10	38.07	61.93
120	3.0	.125	137.00	76.58	23.42
170	3.5	.090	168.50	94.19	5.81
200	3.75	.075	172.80	96.59	3.41
230	4.0	.063	176.35	98.57	1.43
PAN			178.90	100.00	.00

SIEVE LOSS(q): .00
MEDIAN (mm): .159 MEAN (mm): .167
SILT/CLAY: 3.41% SORTING: .623
SKEWNESS: -.224 KURTOSIS: 1.085

PHI(5): 1.50 PHI(16): 1.97 PHI(25): 2.19
PHI(50): 2.65 PHI(75): 2.98 PHI(84): 3.21
PHI(95): 3.58
COEFFICIENT OF CURVATURE : 1.055
COEFFICIENT OF UNIFORMITY: 1.810

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R121N8.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ ON: 10-4-92

SAMPLE NO.: R121
SAMPLE ELEV. (FT. NGVD): -12
SAMPLE DEPTH (FT.): -12
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 190.30
SAMPLE WEIGHT AFTER WASH (GRAMS): 184.80

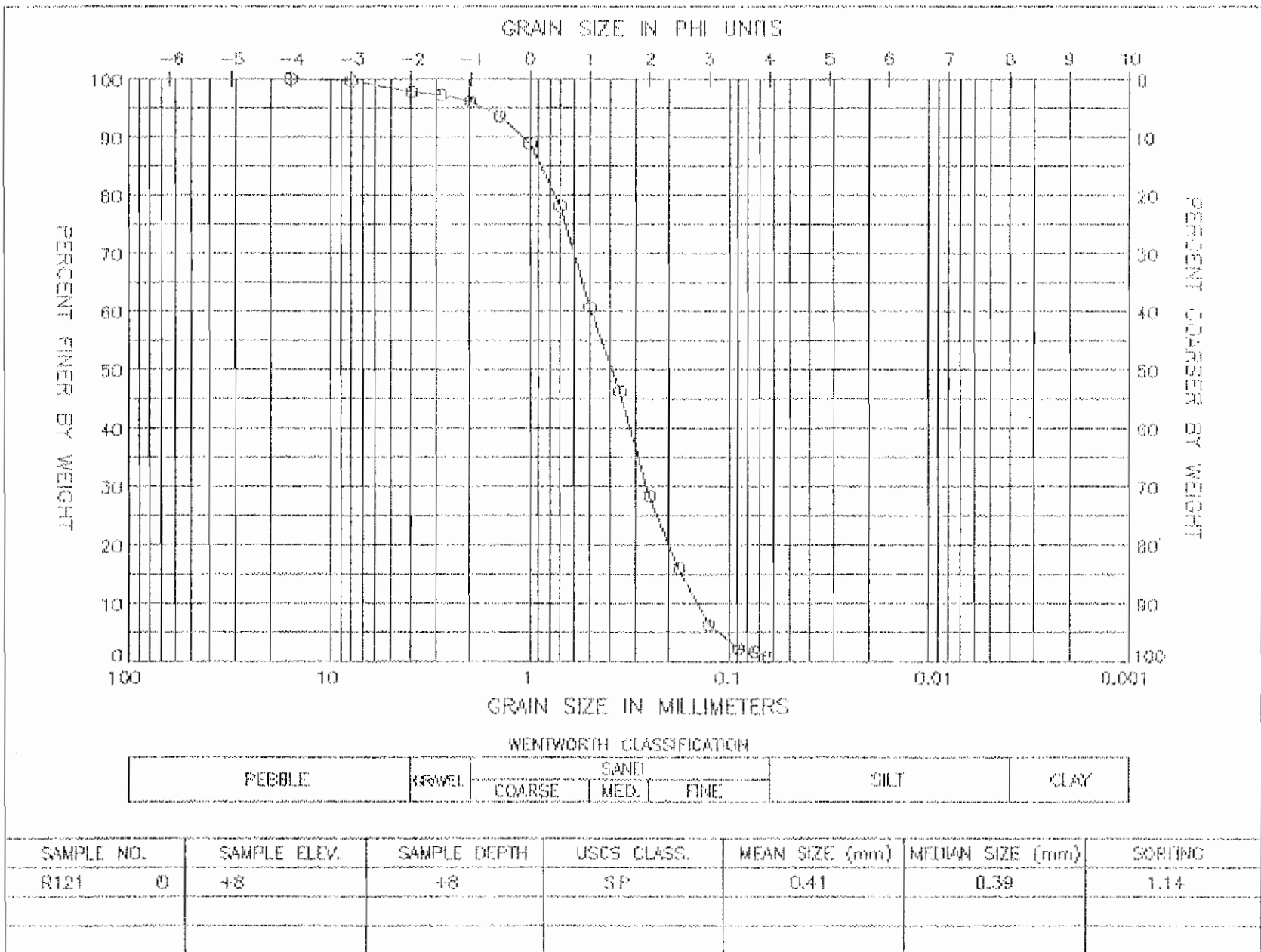
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.40	.21	99.79
10	-1.0	2.000	.50	.26	99.74
14	-0.5	1.400	.70	.37	99.63
18	0.0	1.000	.80	.42	99.58
25	0.5	.710	.90	.47	99.53
35	1.0	.500	.90	.47	99.53
45	1.5	.355	3.90	2.05	97.95
60	2.0	.250	13.50	7.09	92.91
80	2.5	.180	42.00	22.07	77.93
120	3.0	.125	123.90	65.11	34.89
170	3.5	.090	167.60	88.07	11.93
200	3.75	.075	176.60	92.80	7.20
230	4.0	.063	184.55	96.98	3.02
PAN			190.20	99.95	.05

SIEVE LOSS(g): .10
MEDIAN (mm): .141
SILT/CLAY: 7.20%
SKEWNESS: .025
MEAN (mm): .140
SORTING: .557
KURTOSIS: 1.257

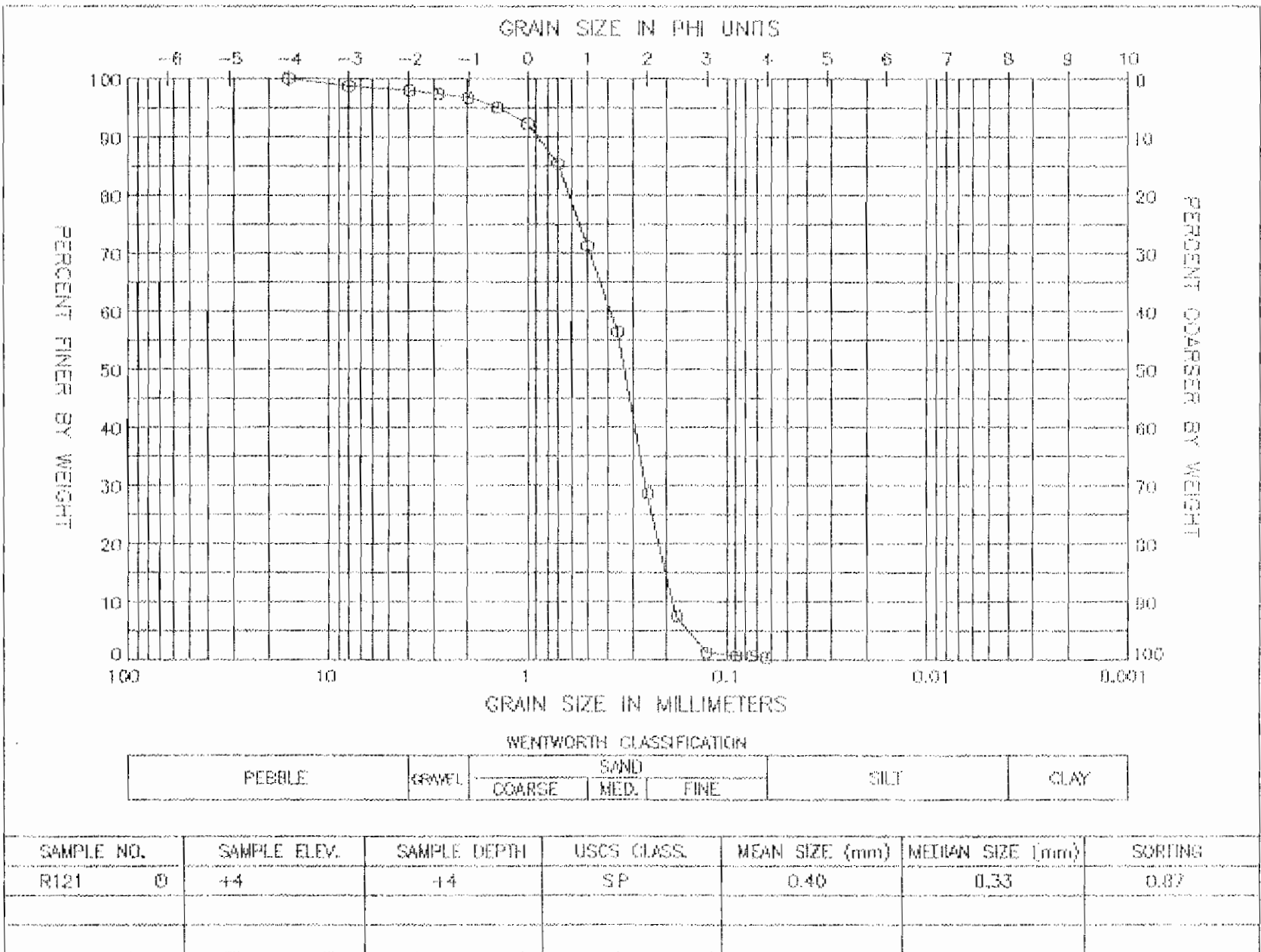
PHI(5): 1.79 PHI(16): 2.30 PHI(25): 2.53
PHI(50): 2.82 PHI(75): 3.22 PHI(84): 3.41
PHI(95): 3.88
COEFFICIENT OF CURVATURE : 1.070
COEFFICIENT OF UNIFORMITY: 1.858

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R121N12.TAB

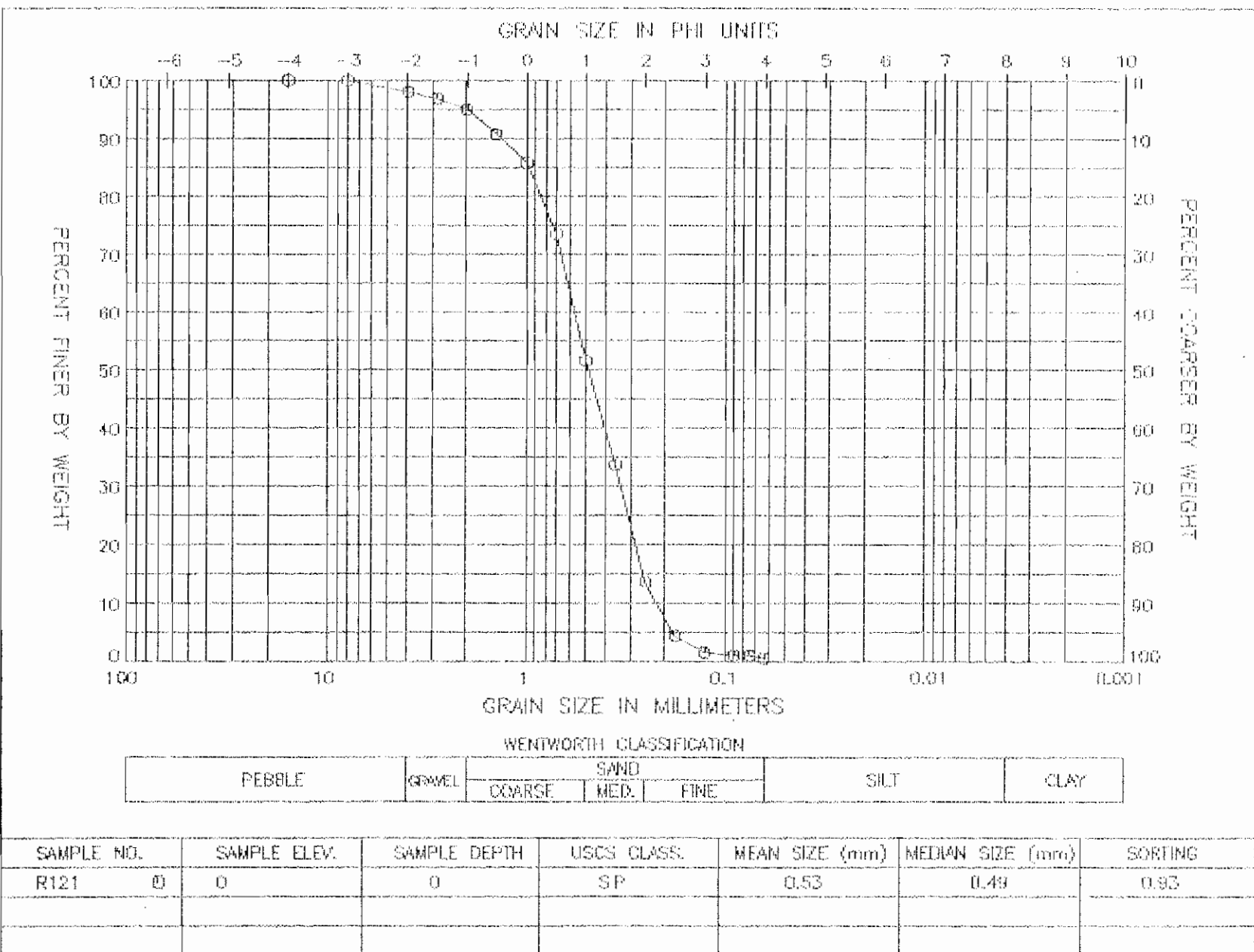
GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-18-92



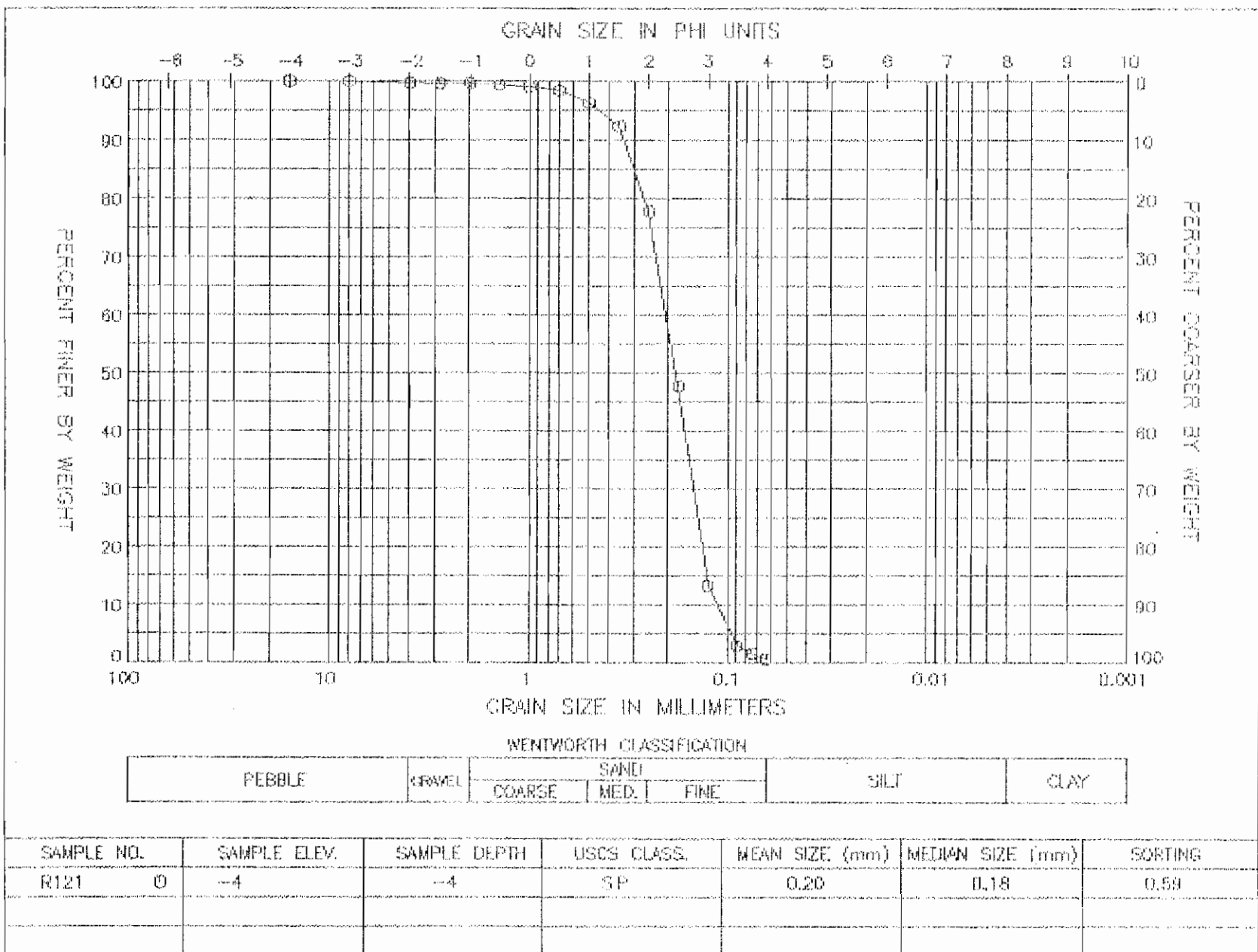
GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-18-82



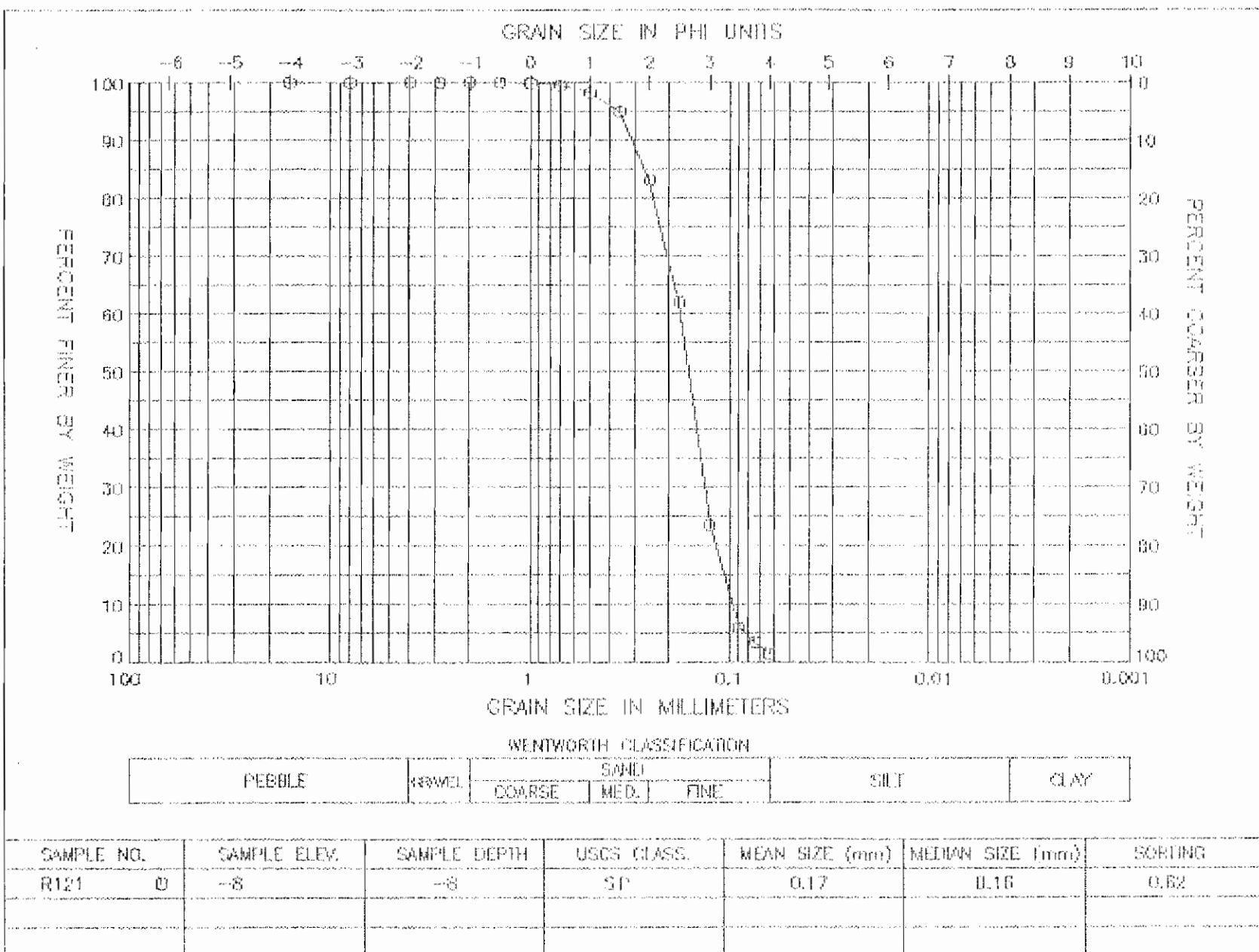
GRAIN SIZE DISTRIBUTION CURVE HOLLYWOOD/HALLANDALE 8-13-92



GRAIN SIZE DISTRIBUTION CURVE HOLLYWOOD HALLANDALE 8-15-92



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD/HALLANDALE 8-18-82



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD/HALLANDALE 8-18-92

