

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R128
SAMPLE ELEV. (FT. NGVD): +8
SAMPLE DEPTH (FT.): +8
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 279.20
SAMPLE WEIGHT AFTER WASH (GRAMS): 276.60

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	.90	.32	99.68
7	-1.5	2.800	1.30	.47	99.53
10	-1.0	2.000	2.20	.79	99.21
14	-0.5	1.400	5.30	1.90	98.10
18	0.0	1.000	11.60	4.15	95.85
25	0.5	.710	13.50	4.84	95.16
35	1.0	.500	95.90	34.35	65.65
45	1.5	.355	161.10	57.70	42.30
60	2.0	.250	233.10	83.49	16.51
80	2.5	.180	265.00	94.91	5.09
120	3.0	.125	274.60	98.35	1.65
170	3.5	.090	276.30	98.96	1.04
200	3.75	.075	276.60	99.07	.93
230	4.0	.063	277.90	99.53	.47
PAN			279.30	100.04	-.04

SIEVE LOSS(q): -.10
MEDIAN (mm): .396
SILT/CLAY: .93%
SKEWNESS: .345
MEAN (mm): .376
SORTING: .667
KURTOSIS: .829

PHI(5): .50 PHI(16): .69 PHI(25): .84
PHI(50): 1.34 PHI(75): 1.84 PHI(84): 2.02
PHI(95): 2.51
COEFFICIENT OF CURVATURE : .952
COEFFICIENT OF UNIFORMITY: 2.241

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R128P8.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ ON: 10-6-92

SAMPLE NO.: R128
SAMPLE ELEV. (FT. NGVD): +4
SAMPLE DEPTH (FT.): +4
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 278.70
SAMPLE WEIGHT AFTER WASH (GRAMS): 278.20

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	4.00	1.44	98.56
10	-1.0	2.000	16.40	5.88	94.12
14	-0.5	1.400	77.10	27.66	72.34
18	0.0	1.000	165.20	59.28	40.72
25	0.5	.710	216.90	77.83	22.17
35	1.0	.500	236.60	84.89	15.11
45	1.5	.355	248.60	89.20	10.80
60	2.0	.250	267.20	95.87	4.13
80	2.5	.180	275.60	98.89	1.11
120	3.0	.125	277.60	99.61	.39
170	3.5	.090	277.90	99.71	.29
200	3.75	.075	277.90	99.71	.29
230	4.0	.063	278.25	99.84	.16
PAN			278.50	99.93	.07

SIEVE LOSS(q): .20
MEDIAN (mm): 1.107 MEAN (mm): .888
SILT/CLAY: .29% SORTING: .852
SKEWNESS: 1.129 KURTOSIS: 1.262

PHI(5): -1.10 PHI(16): -.77 PHI(25): -.56
PHI(50): -.13 PHI(75): .42 PHI(84): .94
PHI(95): 1.93
COEFFICIENT OF CURVATURE : 1.599
COEFFICIENT OF UNIFORMITY: 3.642

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R128P4.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ ON: 10-6-92

SAMPLE NO.: R128
SAMPLE ELEV. (FT. NGVD): 0
SAMPLE DEPTH (FT.): 0
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 157.60
SAMPLE WEIGHT AFTER WASH (GRAMS): 156.30

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	14.000	.00	.00	100.00
5/16	-3.0	9.000	.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	14.10	8.95	91.05
14	-.5	1.400	37.90	24.05	75.95
18	0.0	1.000	63.60	40.36	59.64
25	0.5	.710	97.60	61.93	38.07
35	1.0	.500	129.10	81.92	18.08
45	1.5	.355	142.50	90.42	9.58
60	2.0	.250	151.60	96.19	3.81
80	2.5	.180	154.90	98.22	1.78
120	3.0	.125	155.90	98.92	1.08
170	3.5	.090	156.10	99.05	.95
200	3.75	.075	156.10	99.05	.95
230	4.0	.063	156.85	99.52	.48
PAN			157.50	99.94	.06

SIEVE LOSS(g): .10
MEDIAN (mm): .856 MEAN (mm): .840
SILT/CLAY: .95% SORTING: .945
SKEWNESS: .229 KURTOSIS: .764

PHI(5): -1.22 PHI(16): -.77 PHI(25): -.47
PHI(50): .22 PHI(75): .83 PHI(84): 1.12
PHI(95): 1.90
COEFFICIENT OF CURVATURE : 1.043
COEFFICIENT OF UNIFORMITY: 2.802

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R128C.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R128
SAMPLE ELEV. (FT. NGVD): -4
SAMPLE DEPTH (FT.): -4
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 225.50
SAMPLE WEIGHT AFTER WASH (GRAMS): 219.50

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	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.10	.04	99.96
10	-1.0	2.000	.40	.18	99.82
14	-0.5	1.400	.00	.00	100.00
18	0.0	1.000	.20	.09	99.91
25	0.5	.710	.80	.35	99.65
35	1.0	.500	3.40	1.51	98.49
45	1.5	.355	9.00	3.99	96.01
60	2.0	.250	32.40	14.37	85.63
80	2.5	.180	90.80	40.27	59.73
120	3.0	.125	186.10	82.53	17.47
170	3.5	.090	214.90	95.30	4.70
200	3.75	.075	218.10	96.72	3.28
230	4.0	.063	222.20	98.54	1.46
PAN			225.50	100.00	.00

SIEVE LOSS(q): .00
MEDIAN (mm): .163 MEAN (mm): .171
SILT/CLAY: 3.28% SORTING: .513
SKEWNESS: -.193 KURTOSIS: 1.127

PHI(5): 1.55 PHI(16): 2.03 PHI(25): 2.21
PHI(50): 2.62 PHI(75): 2.91 PHI(84): 3.06
PHI(95): 3.49
COEFFICIENT OF CURVATURE : 1.060
COEFFICIENT OF UNIFORMITY: 1.738

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R128N4.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ DN: 9-25-92

SAMPLE NO.: R128
SAMPLE ELEV. (FT. NGVD): -8
SAMPLE DEPTH (FT.): -8
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 219.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 212.90

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	.10	.05	99.95
10	-1.0	2.000	.40	.18	99.82
14	-0.5	1.400	.90	.41	99.59
18	0.0	1.000	2.10	.96	99.04
25	0.5	.710	5.20	2.37	97.63
35	1.0	.500	15.40	7.03	92.97
45	1.5	.355	29.50	13.46	86.54
60	2.0	.250	64.40	29.39	70.61
80	2.5	.180	112.80	51.48	48.52
120	3.0	.125	177.70	81.10	18.90
170	3.5	.090	205.60	93.84	6.16
200	3.75	.075	211.00	96.30	3.70
230	4.0	.063	215.10	98.17	1.83
PAN			219.10	100.00	.00

SIEVE LOSS(q):	.00		
MEDIAN (mm):	.181	MEAN (mm):	.201
SILT/CLAY:	3.70%	SORTING:	.767
SKEWNESS:	-.533	KURTOSIS:	1.123

PHI(5):	.78	PHI(16):	1.58	PHI(25):	1.86
PHI(50):	2.47	PHI(75):	2.90	PHI(84):	3.11
PHI(95):	3.62				
COEFFICIENT OF CURVATURE :	.976				
COEFFICIENT OF UNIFORMITY:	2.157				

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R128NB.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R128
SAMPLE ELEV. (FT. NGVD): -12
SAMPLE DEPTH (FT.): -12
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 212.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 206.40

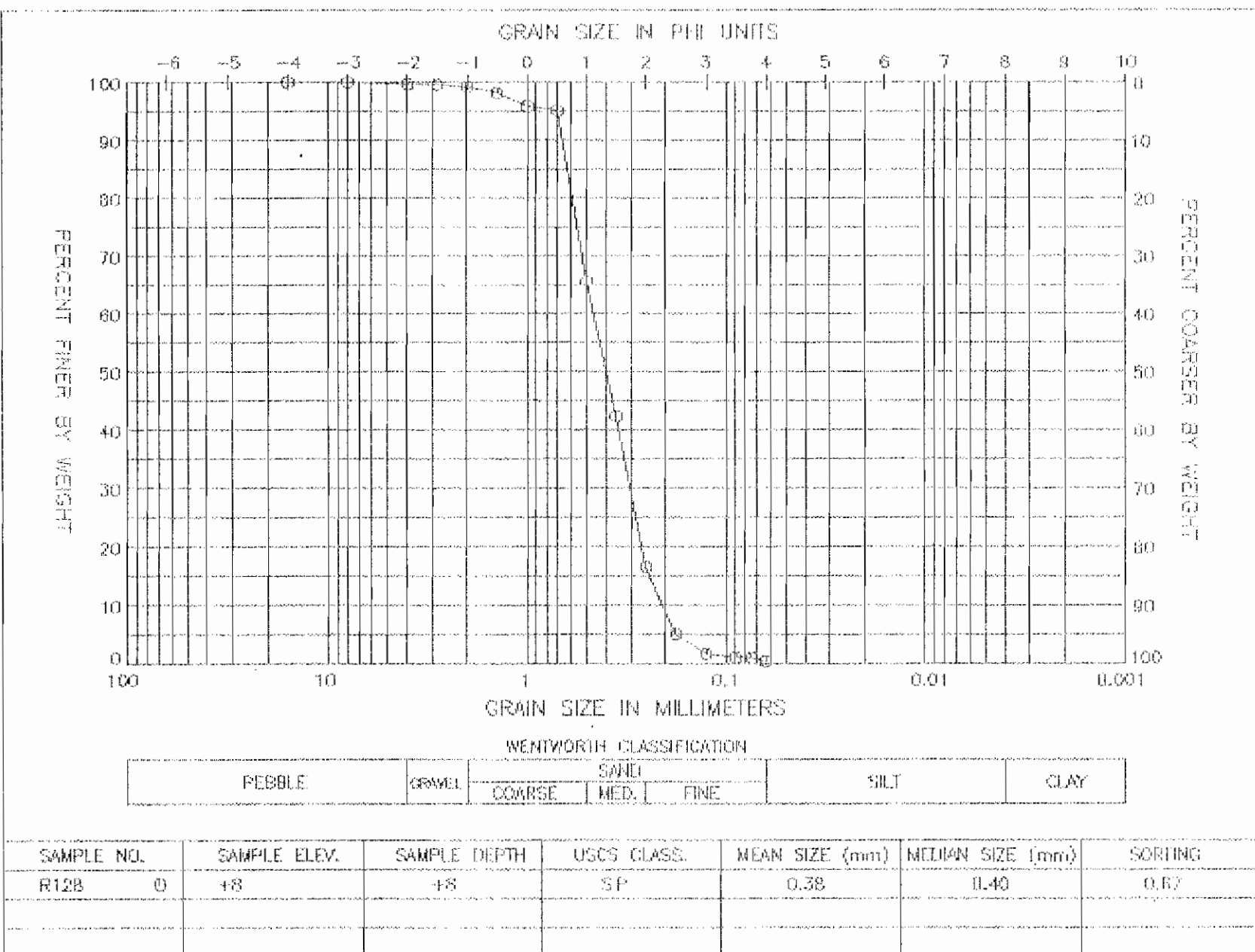
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.00	.00	100.00
10	-1.0	2.000	.00	.00	100.00
14	-0.5	1.400	.30	.14	99.86
18	0.0	1.000	.70	.33	99.67
25	0.5	.710	2.00	.94	99.06
35	1.0	.500	4.70	2.21	97.79
45	1.5	.355	7.00	3.29	96.71
60	2.0	.250	12.00	5.64	94.36
80	2.5	.180	27.30	12.82	87.18
120	3.0	.125	91.90	43.17	56.83
170	3.5	.090	156.20	73.37	26.63
200	3.75	.075	180.10	84.59	15.41
230	4.0	.063	200.35	94.11	5.89
PAN			212.80	99.95	.05

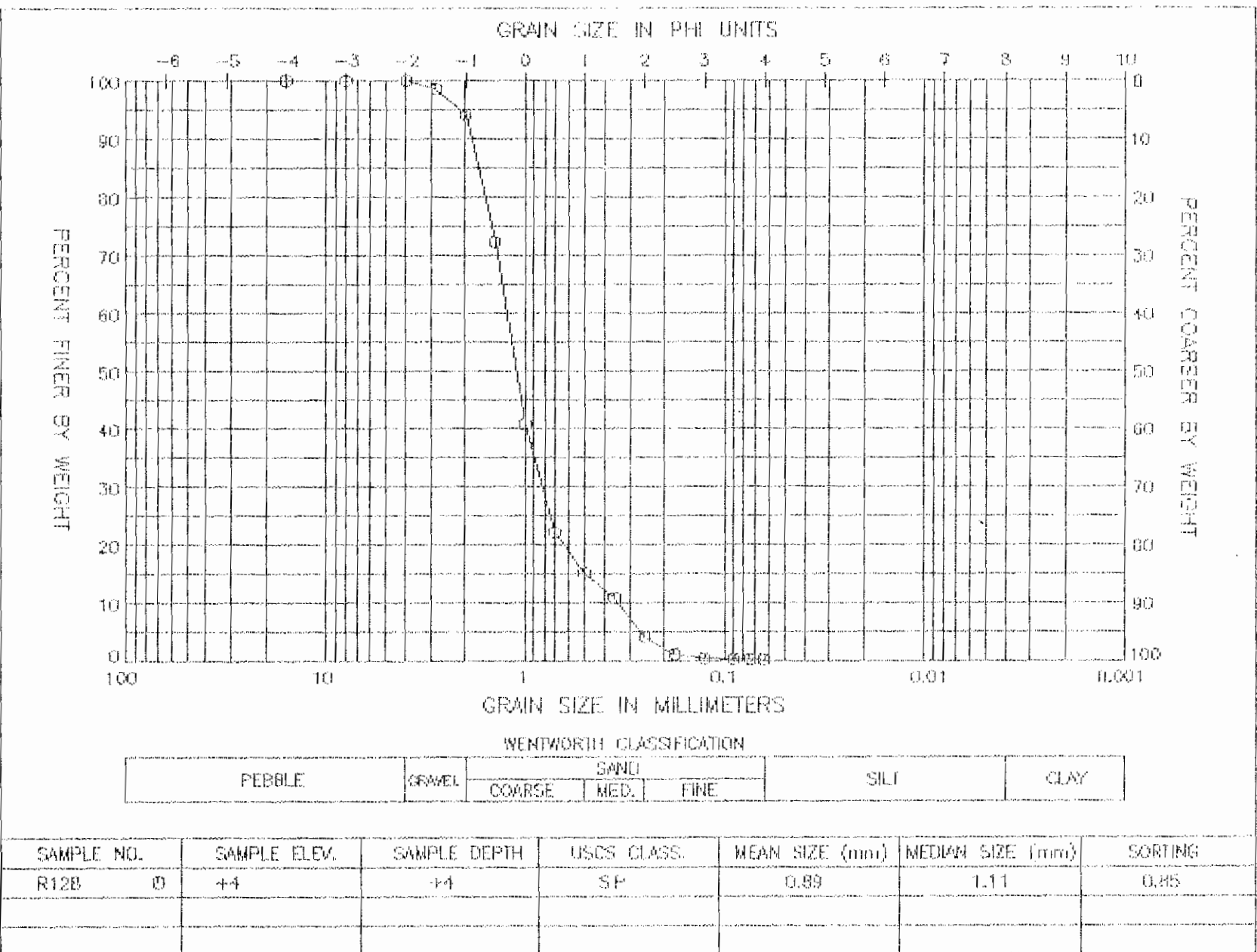
SIEVE LOSS(q): .10
MEDIAN (mm): .116 MEAN (mm): .120
SILT/CLAY: 15.41% SORTING: .592
SKEWNESS: -.338 KURTOSIS: 1.059

PHI(5): 1.86 PHI(16): 2.55 PHI(25): 2.70
PHI(50): 3.11 PHI(75): 3.54 PHI(84): 3.74
PHI(95): 4.02
COEFFICIENT OF CURVATURE : .967
COEFFICIENT OF UNIFORMITY: 1.924

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R128N12.TAB

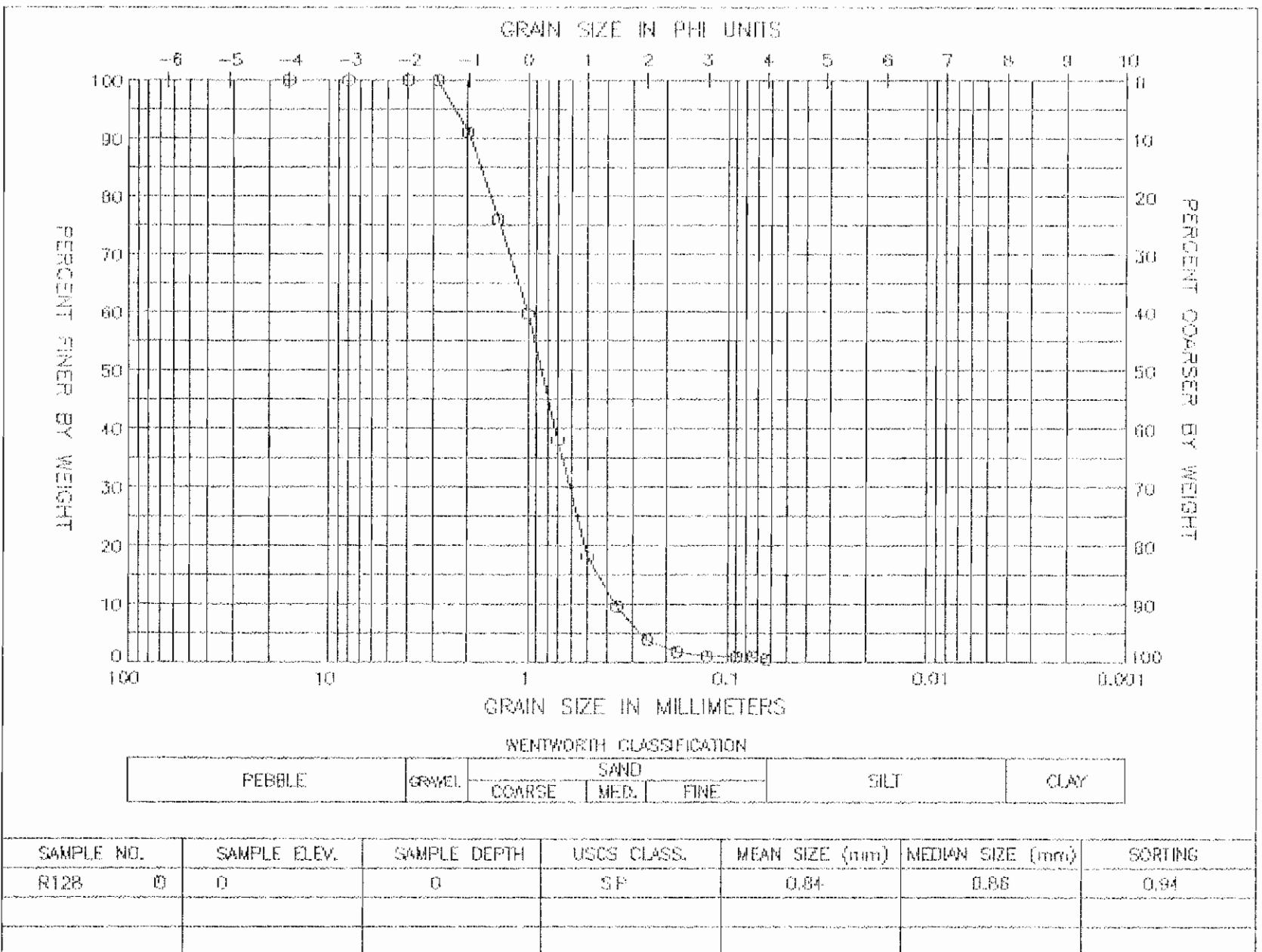
GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-18-92



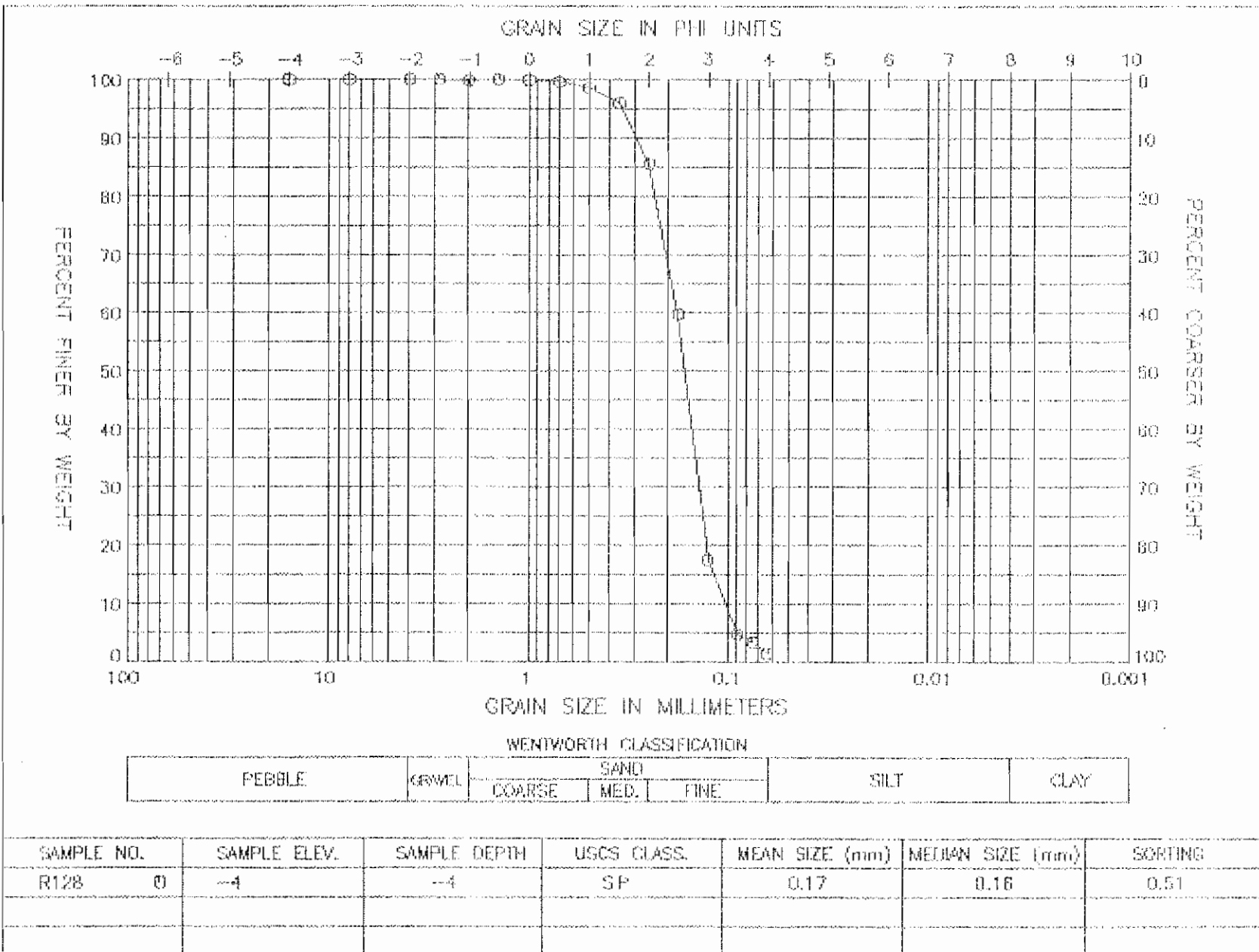


GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD/HALLANDALE 8-18-82

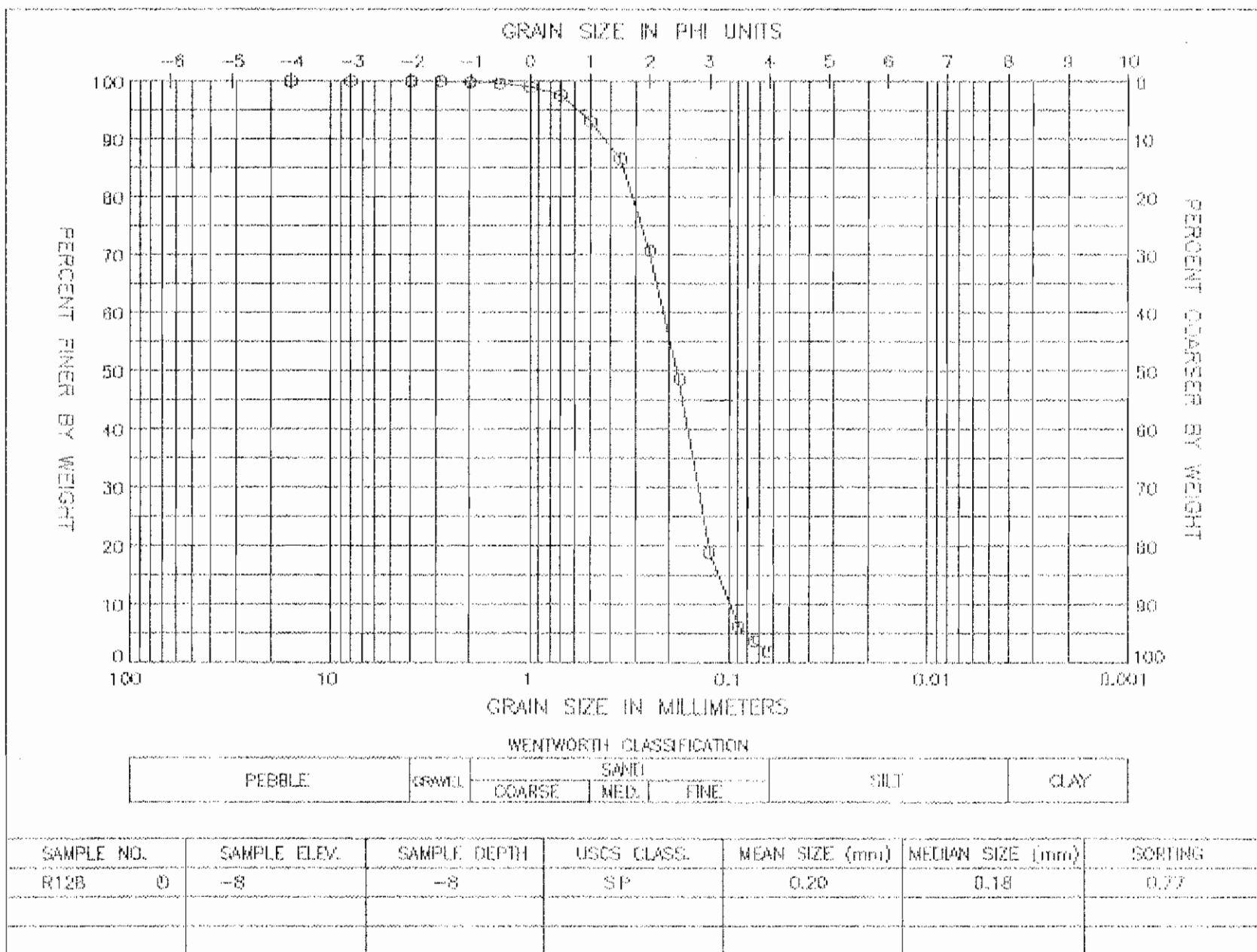
GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD/HALLANDALE 8-18-92



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-18-92



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-18-92



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-16-92

