

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ DN: 9-25-92

SAMPLE NO.: R105
SAMPLE ELEV. (FT. NGVD): +8
SAMPLE DEPTH (FT.): +8
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 281.40
SAMPLE WEIGHT AFTER WASH (GRAMS): 280.10

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	.00	.00	100.00
5	-2.0	4.000	1.10	.39	99.61
7	-1.5	2.800	2.00	.71	99.29
10	-1.0	2.000	3.60	1.28	98.72
14	-0.5	1.400	9.10	3.23	96.77
18	0.0	1.000	23.30	8.28	91.72
25	0.5	.710	62.00	22.03	77.97
35	1.0	.500	150.40	53.45	46.55
45	1.5	.355	222.20	78.96	21.04
60	2.0	.250	269.40	95.74	4.26
80	2.5	.180	278.20	98.86	1.14
120	3.0	.125	279.70	99.40	.60
170	3.5	.090	279.80	99.43	.57
200	3.75	.075	279.90	99.47	.53
230	4.0	.063	280.65	99.73	.27
PAN			281.30	99.96	.04

SIEVE LOSS(g): .10
MEDIAN (mm): .519 MEAN (mm): .534
SILT/CLAY: .53% SORTING: .685
SKEWNESS: -.237 KURTOSIS: 1.079

PHI(5): -.33 PHI(16): .28 PHI(25): .55
PHI(50): .95 PHI(75): 1.42 PHI(94): 1.65
PHI(95): 1.98
COEFFICIENT OF CURVATURE: .977
COEFFICIENT OF UNIFORMITY: 2.061

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R105PS.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ ON: 10-2-92

SAMPLE NO.: R105
SAMPLE ELEV. (FT. NGVD): +4
SAMPLE DEPTH (FT.): +4
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 287.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 283.70

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	2.50	.87	99.13
5	-2.0	4.000	3.10	1.08	98.92
7	-1.5	2.800	3.60	1.25	98.75
10	-1.0	2.000	4.30	1.50	98.50
14	-0.5	1.400	6.70	2.33	97.67
18	0.0	1.000	14.80	5.15	94.85
25	0.5	.710	43.10	15.01	84.99
35	1.0	.500	142.30	49.56	50.44
45	1.5	.355	231.90	80.77	19.23
60	2.0	.250	275.50	95.96	4.04
80	2.5	.180	282.00	98.22	1.78
120	3.0	.125	283.30	98.68	1.32
170	3.5	.090	283.50	98.75	1.25
200	3.75	.075	283.70	98.82	1.18
230	4.0	.063	285.40	99.41	.59
PAN			287.10	100.00	.00

SIEVE LOSS(q): .00
MEDIAN (mm): .498 MEAN (mm): .495
SILT/CLAY: 1.18% SORTING: .546
SKEWNESS: -1.073 KURTOSIS: 1.072

PHI(5): -.03 PHI(16): .51 PHI(25): .64
PHI(50): 1.01 PHI(75): 1.41 PHI(84): 1.61
PHI(95): 1.97
COEFFICIENT OF CURVATURE : 1.007
COEFFICIENT OF UNIFORMITY: 1.921

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R105P4.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ ON: 10-2-92

SAMPLE NO.: R105
SAMPLE ELEV. (FT. NGVD): 0
SAMPLE DEPTH (FT.): 0
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 188.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 187.50

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	3.00	1.59	98.41
5	-2.0	4.000	9.90	5.24	94.76
7	-1.5	2.800	16.40	8.68	91.32
10	-1.0	2.000	30.30	16.04	83.96
14	-0.5	1.400	50.60	26.79	73.21
18	0.0	1.000	85.20	45.10	54.90
25	0.5	.710	135.40	71.68	28.32
35	1.0	.500	180.90	95.76	4.24
45	1.5	.355	186.00	98.46	1.54
60	2.0	.250	186.80	98.89	1.11
80	2.5	.180	187.20	99.10	.90
120	3.0	.125	187.40	99.21	.79
170	3.5	.090	187.40	99.21	.79
200	3.75	.075	187.40	99.21	.79
230	4.0	.063	188.10	99.58	.42
PAN			188.80	99.95	.05

SIEVE LOSS(q):	.10	
MEDIAN (mm):	.938	MEAN (mm): 1.187
SILT/CLAY:	.79%	SORTING: .879
SKEWNESS:	-1.266	KURTOSIS: 1.085

PHI(5): -2.07	PHI(16): -1.00	PHI(25): -.58
PHI(50): .09	PHI(75): .57	PHI(84): .76
PHI(95): .98		
COEFFICIENT OF CURVATURE :	.873	
COEFFICIENT OF UNIFORMITY:	2.027	

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R1050.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD/HALLANDALE 8-18-92

TESTED BY: SHJ DN: 10-2-92

SAMPLE NO.: R105
SAMPLE ELEV. (FT. NGVD): -4
SAMPLE DEPTH (FT.): -4
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 226.60
SAMPLE WEIGHT AFTER WASH (GRAMS): 224.30

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	11.10	4.90	95.10
5	-2.0	4.000	16.40	7.24	92.76
7	-1.5	2.800	17.90	7.90	92.10
10	-1.0	2.000	20.00	8.83	91.17
14	-0.5	1.400	24.70	10.90	89.10
18	0.0	1.000	32.60	14.39	85.61
25	0.5	.710	52.30	23.08	76.92
35	1.0	.500	115.00	50.75	49.25
45	1.5	.355	172.70	76.21	23.79
60	2.0	.250	206.10	90.95	9.05
80	2.5	.180	215.90	95.28	4.72
120	3.0	.125	222.00	97.97	2.03
170	3.5	.090	223.80	98.76	1.24
200	3.75	.075	224.10	98.90	1.10
230	4.0	.063	225.35	99.45	.55
PAN			226.60	100.00	.00

SIEVE LOSS(q): .00
MEDIAN (mm): .505 MEAN (mm): .722
SILT/CLAY: 1.10% SORTING: .836
SKEWNESS: -2.462 KURTOSIS: 2.361

PHI(5): -2.96 PHI(16): .09 PHI(25): .53
PHI(50): .99 PHI(75): 1.48 PHI(84): 1.76
PHI(95): 2.47
COEFFICIENT OF CURVATURE : 1.012
COEFFICIENT OF UNIFORMITY: 2.238

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R105N4.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R105
SAMPLE ELEV. (FT. NGVD): -8
SAMPLE DEPTH (FT.): -8
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 187.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 180.30

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	.16	99.84
18	0.0	1.000	.10	.05	99.95
25	0.5	.710	.30	.16	99.84
35	1.0	.500	3.60	1.92	98.08
45	1.5	.355	23.30	12.40	87.60
60	2.0	.250	101.50	54.02	45.98
80	2.5	.180	154.30	82.12	17.88
120	3.0	.125	173.80	92.50	7.50
170	3.5	.090	179.20	95.37	4.63
200	3.75	.075	180.10	95.85	4.15
230	4.0	.063	184.20	98.03	1.97
PAN			188.00	100.05	-.05

SIEVE LOSS(q):	-.10		
MEDIAN (mm):	.259	MEAN (mm):	.228
SILT/CLAY:	4.15%	SORTING:	.524
SKEWNESS:	.679	KURTOSIS:	1.299

PHI(5):	1.15	PHI(16):	1.54	PHI(25):	1.65
PHI(50):	1.95	PHI(75):	2.37	PHI(84):	2.59
PHI(95):	3.44				

COEFFICIENT OF CURVATURE : 1.104
COEFFICIENT OF UNIFORMITY: 2.068

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R105NB.TAB

GRADATION ANALYSIS REPORT
HOLLYWOOD HALLANDALE 8-18-92

TESTED BY: SHJ ON: 9-25-92

SAMPLE NO.: R105
SAMPLE ELEV. (FT. NGVD): -12
SAMPLE DEPTH (FT.): -12
SAMPLE TYPE: SURFACE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 224.00
SAMPLE WEIGHT AFTER WASH (GRAMS): 218.50

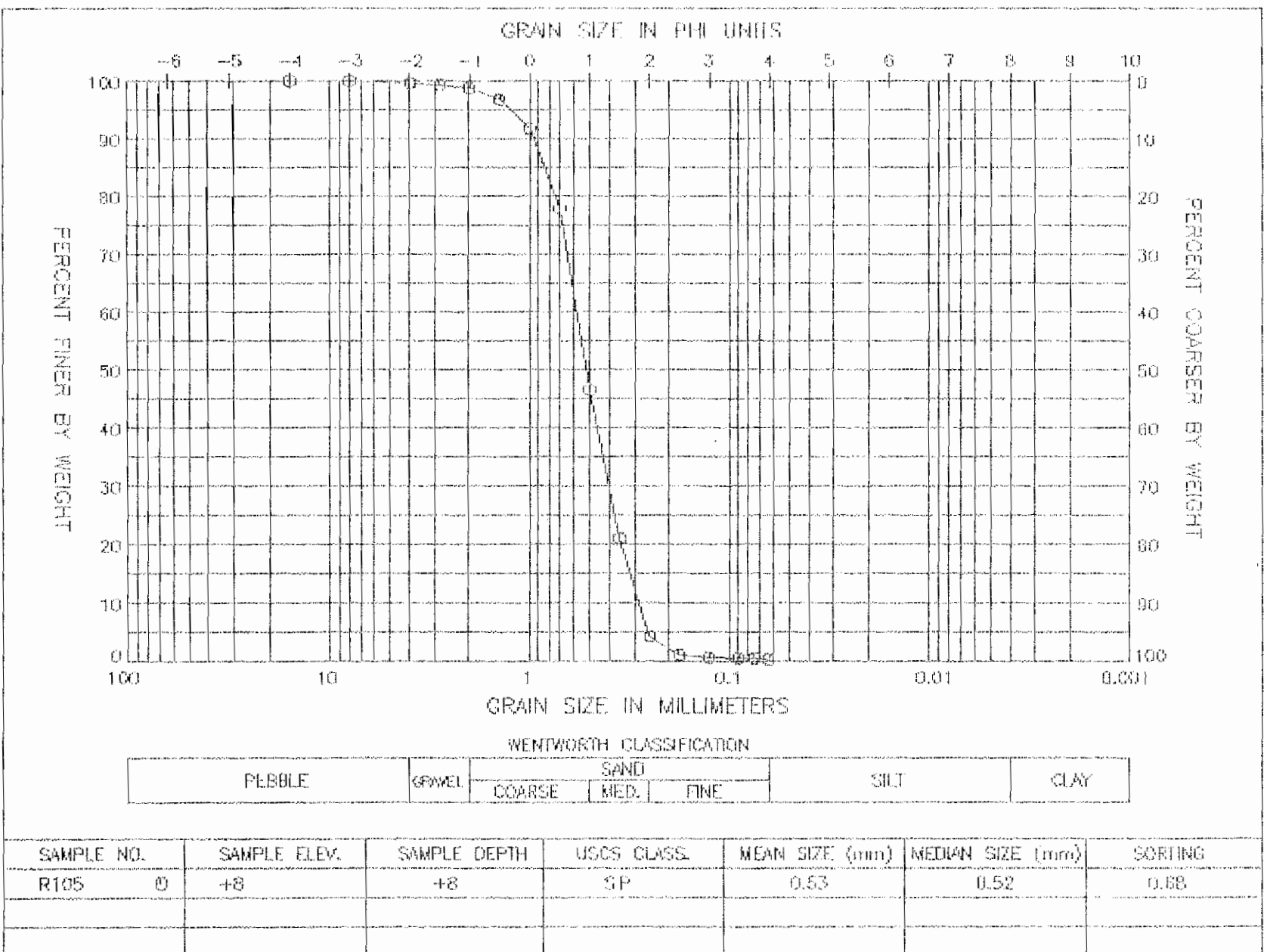
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.20	.09	99.91
10	-1.0	2.000	.40	.18	99.82
14	-0.5	1.400	.70	.31	99.69
18	0.0	1.000	1.20	.54	99.46
25	0.5	.710	3.80	1.70	98.30
35	1.0	.500	18.30	8.17	91.83
45	1.5	.355	47.40	21.16	78.84
60	2.0	.250	91.10	40.67	59.33
80	2.5	.180	134.10	59.87	40.13
120	3.0	.125	193.80	86.52	13.48
170	3.5	.090	213.00	95.09	4.91
200	3.75	.075	216.20	96.52	3.48
230	4.0	.063	220.45	98.42	1.58
PAN			224.10	100.04	-.04

SIEVE LOSS(q): -.10
MEDIAN (mm): .211 MEAN (mm): .225
SILT/CLAY: 3.48% SORTING: .826
SKEWNESS: -.236 KURTOSIS: .947

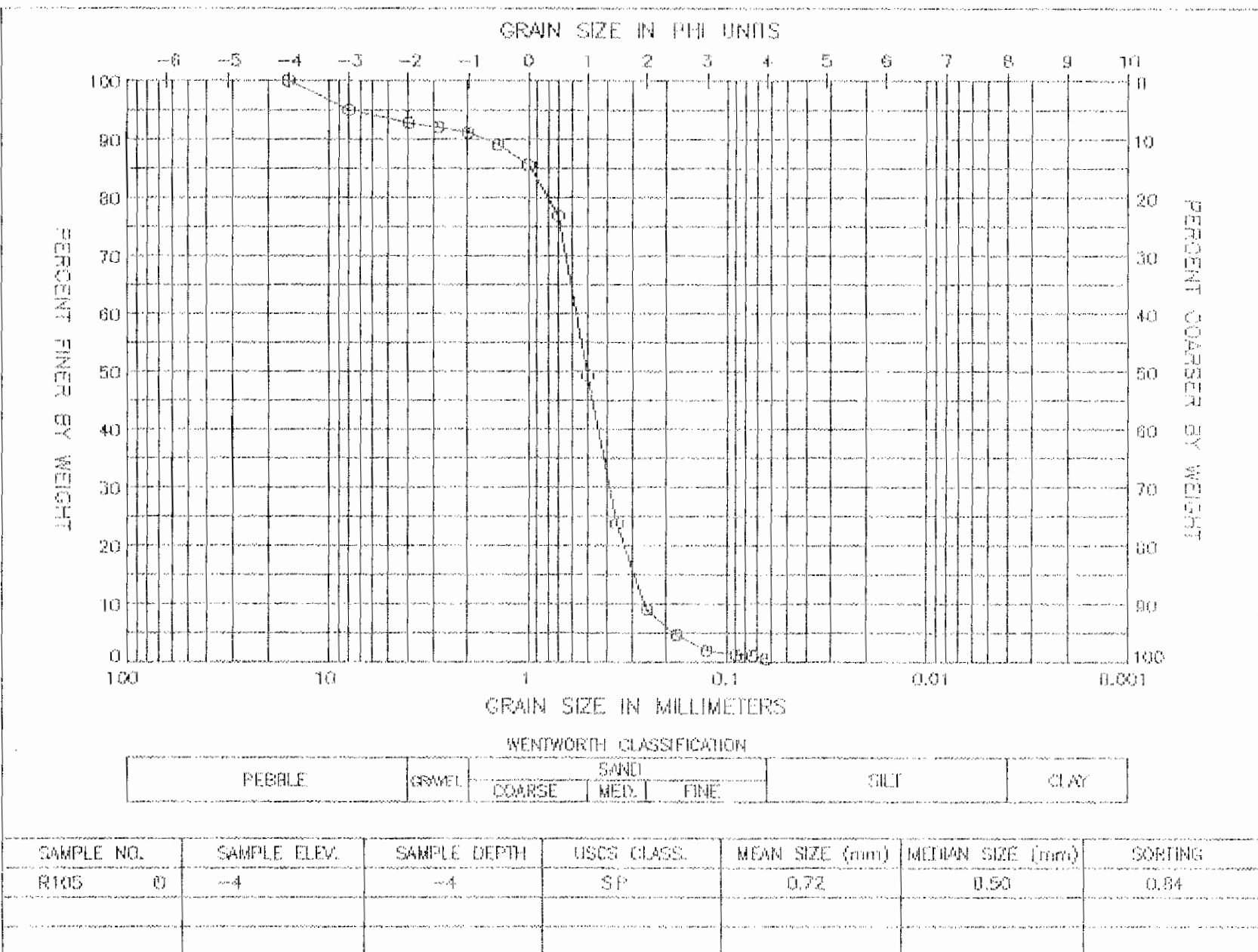
PHI(5): .76 PHI(16): 1.30 PHI(25): 1.60
PHI(50): 2.24 PHI(75): 2.78 PHI(84): 2.95
PHI(95): 3.49
COEFFICIENT OF CURVATURE : .874
COEFFICIENT OF UNIFORMITY: 2.330

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:R105N12.TAB

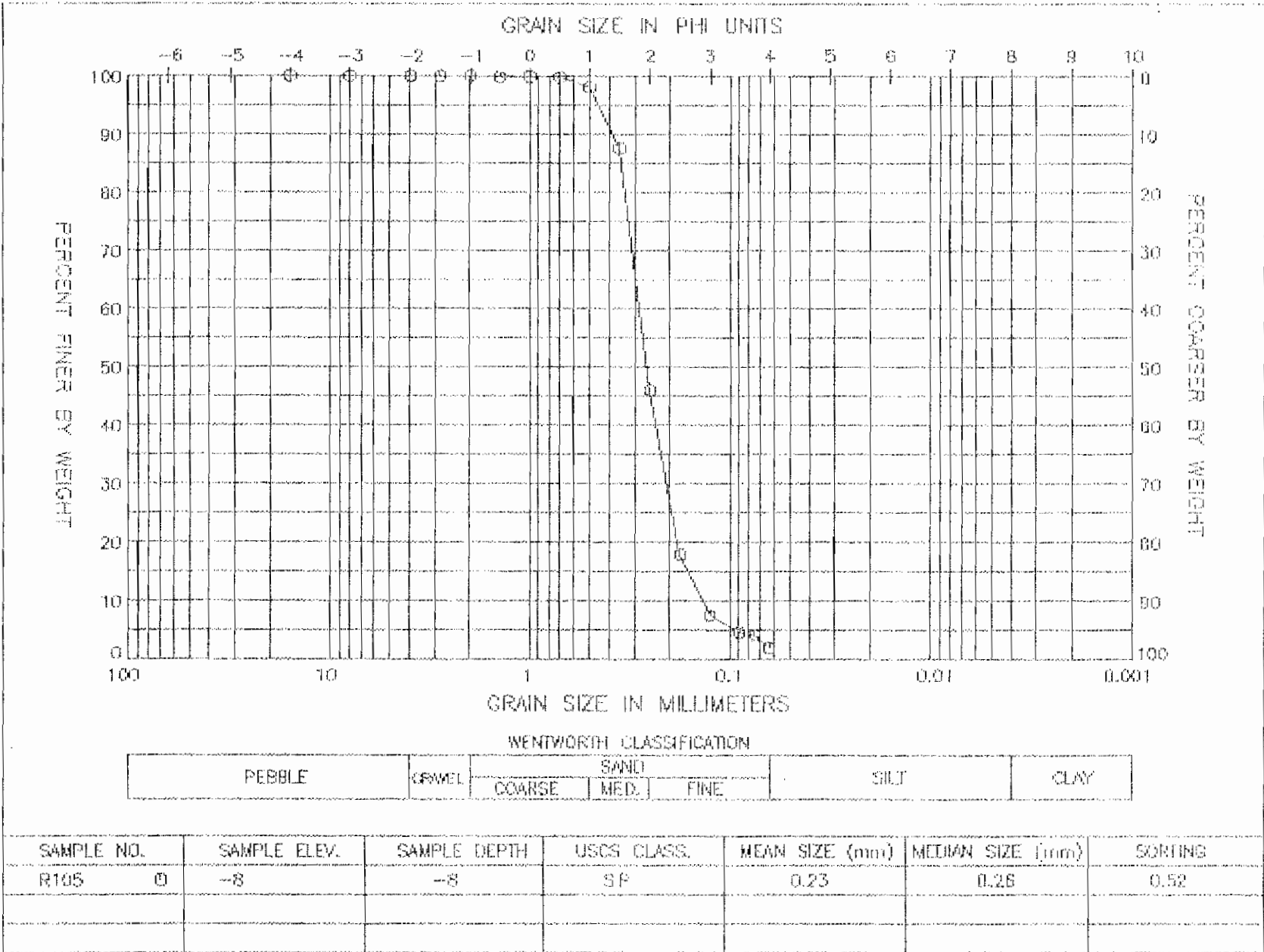
GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-18-92



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD/HALLANDALE B-13-02



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-18-82



GRAIN SIZE DISTRIBUTION CURVE
HOLLYWOOD HALLANDALE 8-13-92

