Z.U.O. "EKO - SOFT"

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tel. 042 648 71 85

HAŁAS PRZEMYSŁOWY i DROGOWY

PROGRAM SON2 WERSJA 3.2

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Właściciel licencji: Zielony Szlak

Licencja nr UD/09140/S12/08 z dnia 13.03.2008

DANE WEJSCIOWE

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Rodzaj obliczeń: Poziom hałasu równownoważnego

1. Nazwa projektu: Eksp kopalni kruszywa posp msc .Lisewo gm Płońsk Dz Nr ewid. 187, 188, 190

2. Temperatura powietrza [st C.]= 10

3. Wilgotność względna powietrza [%]= 70

4. Tło akustyczne dB(A):

Pora dnia : 0

Pora nocy : 0

5. Rodzaj gruntu : grunt porowaty, wskaźnik gruntu G = 1

6. Punktowe źródła hałasu

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Lp | Symbol | Współrzędne źródła | Rodzaj | LAW | tD | tN | Do |

| | x y z | źródła | | | | |

-------------------------|------------------------------|----------------|------|------|------|------|

| | m m m | |dB(A) | h | h | dB |

======================================================================================================

1 Ze 404.9 1069.1 1.5 wszechkier. 105.0 1.976

7. Liniowe źródła hałasu

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| Lp | Symbol | Początek | Koniec | LAW | tD | tN | D0 |

| | | x1 y1 z1| x2 y2 z2| | | | |

|-------------------------|---------------------------|---------------------------|-------|----|----|----|

| | | m m m | m m m | dB(A) | h | h | dB |

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1 L1-2 387.1 1127.5 1.0 387.6 1070.6 1.0 105.0 0.228

2 L2-3 387.6 1070.6 1.0 400.3 1069.6 1.0 105.0 0.053

LAW - poziom mocy akustycznej źródła nominalny

tD - czas pracy źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia

tN - czas pracy źródła w przedziale 1 najmniej korzystnej godziny nocy

Koniec danych

LAeq , dzień

0 15 30 45 60

75 90 105 120 135

150 165 180 195 210

225 240 255 270 285

300 315 330 345 360

375 390 405 420 435

450 465 480 495 510

525 540 555 570 585

600 615 630 645 660

675 690 705 720 735

750 765 780 795 810

825 840 855 870 885

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1260 | 24.4 24.7 25.0 25.3 25.6

| 25.9 26.3 26.6 26.9 27.3

| 27.6 28.0 28.4 28.7 29.1

| 29.5 29.9 30.2 30.6 30.9

| 31.3 31.6 31.9 32.1 32.3

| 32.5 32.6 32.6 32.5 32.4

| 32.3 32.1 31.8 31.5 31.2

| 30.9 30.5 30.2 29.8 29.4

| 29.0 28.7 28.3 27.9 27.6

| 27.2 26.9 26.5 26.2 25.9

| 25.6 25.2 24.9 24.6 24.3

| 24.1 23.8 23.5 23.2 23.0

1245 | 24.5 24.8 25.1 25.5 25.8

| 26.1 26.4 26.8 27.2 27.5

| 27.9 28.3 28.7 29.1 29.5

| 29.9 30.3 30.7 31.1 31.5

| 31.9 32.3 32.6 32.9 33.1

| 33.3 33.4 33.4 33.4 33.2

| 33.1 32.8 32.5 32.2 31.8

| 31.4 31.0 30.6 30.2 29.8

| 29.4 29.0 28.6 28.2 27.8

| 27.5 27.1 26.7 26.4 26.1

| 25.7 25.4 25.1 24.8 24.5

| 24.2 23.9 23.6 23.3 23.1

1230 | 24.6 25.0 25.3 25.6 25.9

| 26.3 26.6 27.0 27.4 27.8

| 28.1 28.6 29.0 29.4 29.8

| 30.3 30.7 31.2 31.6 32.1

| 32.5 33.0 33.4 33.7 34.0

| 34.2 34.3 34.4 34.3 34.1

| 33.9 33.6 33.3 32.9 32.4

| 32.0 31.6 31.1 30.6 30.2

| 29.8 29.3 28.9 28.5 28.1

| 27.7 27.3 26.9 26.6 26.2

| 25.9 25.6 25.2 24.9 24.6

| 24.3 24.0 23.7 23.4 23.2

1215 | 24.8 25.1 25.4 25.7 26.1

| 26.4 26.8 27.2 27.6 28.0

| 28.4 28.8 29.3 29.7 30.2

| 30.7 31.2 31.7 32.2 32.7

| 33.2 33.7 34.2 34.6 35.0

| 35.2 35.4 35.4 35.3 35.1

| 34.8 34.5 34.1 33.6 33.1

| 32.6 32.1 31.6 31.1 30.6

| 30.1 29.6 29.2 28.8 28.3

| 27.9 27.5 27.1 26.8 26.4

| 26.0 25.7 25.4 25.0 24.7

| 24.4 24.1 23.8 23.5 23.3

1200 | 24.9 25.2 25.5 25.9 26.2

| 26.6 27.0 27.4 27.8 28.2

| 28.6 29.1 29.5 30.0 30.5

| 31.1 31.6 32.2 32.8 33.3

| 33.9 34.5 35.1 35.6 36.1

| 36.4 36.6 36.6 36.5 36.3

| 35.9 35.4 34.9 34.4 33.8

| 33.2 32.6 32.1 31.5 31.0

| 30.4 29.9 29.5 29.0 28.6

| 28.1 27.7 27.3 26.9 26.5

| 26.2 25.8 25.5 25.2 24.8

| 24.5 24.2 23.9 23.6 23.3

1185 | 25.0 25.3 25.6 26.0 26.4

| 26.7 27.1 27.5 28.0 28.4

| 28.8 29.3 29.8 30.3 30.9

| 31.4 32.0 32.7 33.3 34.0

| 34.7 35.4 36.1 36.8 37.3

| 37.8 38.0 38.1 37.9 37.6

| 37.1 36.5 35.9 35.2 34.5

| 33.8 33.2 32.5 31.9 31.3

| 30.8 30.2 29.7 29.2 28.8

| 28.3 27.9 27.5 27.1 26.7

| 26.3 25.9 25.6 25.3 24.9

| 24.6 24.3 24.0 23.7 23.4

1170 | 25.1 25.4 25.7 26.1 26.5

| 26.9 27.3 27.7 28.1 28.6

| 29.0 29.5 30.1 30.6 31.2

| 31.8 32.4 33.1 33.9 34.6

| 35.5 36.3 37.2 38.0 38.8

| 39.5 39.8 39.8 39.5 39.0

| 38.4 37.7 36.9 36.0 35.2

| 34.5 33.7 33.0 32.3 31.7

| 31.1 30.5 30.0 29.5 29.0

| 28.5 28.0 27.6 27.2 26.8

| 26.4 26.1 25.7 25.3 25.0

| 24.7 24.4 24.1 23.8 23.5

1155 | 25.1 25.5 25.8 26.2 26.6

| 27.0 27.4 27.8 28.3 28.7

| 29.2 29.7 30.3 30.9 31.5

| 32.1 32.8 33.6 34.4 35.3

| 36.2 37.3 38.3 39.5 40.6

| 41.7 42.2 42.0 41.5 40.8

| 39.9 38.9 37.9 36.9 36.0

| 35.1 34.2 33.4 32.7 32.0

| 31.4 30.8 30.2 29.7 29.1

| 28.7 28.2 27.7 27.3 26.9

| 26.5 26.1 25.8 25.4 25.1

| 24.8 24.4 24.1 23.8 23.5

1140 | 25.2 25.5 25.9 26.3 26.7

| 27.1 27.5 27.9 28.4 28.9

| 29.4 29.9 30.5 31.1 31.7

| 32.4 33.2 34.0 34.9 35.9

| 37.0 38.2 39.5 41.1 42.8

| 45.1 46.4 45.0 43.8 42.8

| 41.6 40.3 39.0 37.8 36.7

| 35.7 34.7 33.9 33.1 32.3

| 31.6 31.0 30.4 29.8 29.3

| 28.8 28.3 27.9 27.4 27.0

| 26.6 26.2 25.9 25.5 25.2

| 24.8 24.5 24.2 23.9 23.6

1125 | 25.2 25.6 26.0 26.3 26.7

| 27.1 27.6 28.0 28.5 29.0

| 29.5 30.1 30.6 31.3 31.9

| 32.7 33.5 34.4 35.3 36.4

| 37.7 39.1 40.7 42.6 45.1

| 49.7 58.8 48.6 46.6 45.1

| 43.4 41.7 40.2 38.7 37.4

| 36.2 35.2 34.2 33.3 32.6

| 31.8 31.2 30.6 30.0 29.4

| 28.9 28.4 28.0 27.5 27.1

| 26.7 26.3 25.9 25.6 25.2

| 24.9 24.5 24.2 23.9 23.6

1110 | 25.3 25.6 26.0 26.4 26.8

| 27.2 27.6 28.1 28.6 29.1

| 29.6 30.2 30.8 31.4 32.1

| 32.9 33.7 34.7 35.7 36.9

| 38.3 39.9 41.7 44.0 47.0

| 51.8 60.2 51.7 49.8 47.7

| 45.4 43.2 41.2 39.5 38.0

| 36.7 35.5 34.5 33.6 32.8

| 32.0 31.3 30.7 30.1 29.5

| 29.0 28.5 28.0 27.6 27.1

| 26.7 26.3 26.0 25.6 25.2

| 24.9 24.6 24.3 23.9 23.6

1095 | 25.3 25.7 26.0 26.4 26.8

| 27.2 27.7 28.1 28.6 29.1

| 29.7 30.2 30.9 31.5 32.2

| 33.0 33.9 34.9 36.0 37.2

| 38.7 40.4 42.5 45.1 48.5

| 53.3 61.1 56.2 54.1 50.6

| 47.3 44.4 42.0 40.1 38.4

| 37.0 35.8 34.7 33.8 32.9

| 32.1 31.4 30.8 30.2 29.6

| 29.1 28.6 28.1 27.6 27.2

| 26.8 26.4 26.0 25.6 25.3

| 24.9 24.6 24.3 24.0 23.7

1080 | 25.3 25.7 26.1 26.4 26.8

| 27.3 27.7 28.2 28.7 29.2

| 29.7 30.3 30.9 31.6 32.3

| 33.1 34.0 35.0 36.1 37.4

| 38.9 40.8 43.0 45.8 49.5

| 54.8 63.1 65.3 59.5 53.2

| 48.6 45.2 42.6 40.4 38.7

| 37.2 35.9 34.8 33.9 33.0

| 32.2 31.5 30.8 30.2 29.6

| 29.1 28.6 28.1 27.6 27.2

| 26.8 26.4 26.0 25.6 25.3

| 24.9 24.6 24.3 24.0 23.7

1065 | 25.3 25.7 26.1 26.4 26.9

| 27.3 27.7 28.2 28.7 29.2

| 29.7 30.3 30.9 31.6 32.3

| 33.1 34.0 35.0 36.1 37.4

| 38.9 40.8 43.0 45.8 49.4

| 54.6 62.4 74.9 61.4 53.8

| 48.9 45.4 42.7 40.5 38.7

| 37.2 36.0 34.9 33.9 33.0

| 32.2 31.5 30.8 30.2 29.6

| 29.1 28.6 28.1 27.7 27.2

| 26.8 26.4 26.0 25.6 25.3

| 24.9 24.6 24.3 24.0 23.7

1050 | 25.3 25.7 26.1 26.4 26.8

| 27.3 27.7 28.1 28.6 29.1

| 29.7 30.3 30.9 31.5 32.3

| 33.0 33.9 34.9 36.0 37.3

| 38.7 40.5 42.6 45.1 48.2

| 52.2 56.6 59.2 56.4 51.8

| 47.9 44.8 42.3 40.2 38.5

| 37.1 35.9 34.8 33.8 32.9

| 32.2 31.4 30.8 30.2 29.6

| 29.1 28.6 28.1 27.6 27.2

| 26.8 26.4 26.0 25.6 25.3

| 24.9 24.6 24.3 24.0 23.7

1035 | 25.3 25.7 26.0 26.4 26.8

| 27.2 27.7 28.1 28.6 29.1

| 29.6 30.2 30.8 31.4 32.1

| 32.9 33.8 34.7 35.8 36.9

| 38.3 39.9 41.7 43.9 46.3

| 49.0 51.4 52.4 51.3 48.8

| 46.1 43.7 41.5 39.7 38.2

| 36.8 35.6 34.6 33.7 32.8

| 32.1 31.4 30.7 30.1 29.5

| 29.0 28.5 28.0 27.6 27.2

| 26.7 26.4 26.0 25.6 25.3

| 24.9 24.6 24.3 23.9 23.6

1020 | 25.3 25.6 26.0 26.4 26.8

| 27.2 27.6 28.0 28.5 29.0

| 29.5 30.1 30.7 31.3 32.0

| 32.7 33.5 34.4 35.4 36.5

| 37.7 39.1 40.7 42.4 44.3

| 46.0 47.4 47.9 47.3 45.9

| 44.1 42.3 40.5 39.0 37.6

| 36.4 35.3 34.3 33.4 32.6

| 31.9 31.2 30.6 30.0 29.5

| 28.9 28.4 28.0 27.5 27.1

| 26.7 26.3 25.9 25.6 25.2

| 24.9 24.5 24.2 23.9 23.6

1005 | 25.2 25.6 25.9 26.3 26.7

| 27.1 27.5 27.9 28.4 28.9

| 29.4 29.9 30.5 31.1 31.8

| 32.5 33.2 34.1 35.0 36.0

| 37.1 38.3 39.5 40.9 42.3

| 43.5 44.3 44.6 44.3 43.4

| 42.2 40.8 39.4 38.1 37.0

| 35.9 34.9 34.0 33.2 32.4

| 31.7 31.1 30.4 29.9 29.3

| 28.8 28.4 27.9 27.5 27.0

| 26.6 26.2 25.9 25.5 25.2

| 24.8 24.5 24.2 23.9 23.6

990 | 25.1 25.5 25.8 26.2 26.6

| 27.0 27.4 27.8 28.3 28.8

| 29.3 29.8 30.3 30.9 31.5

| 32.2 32.9 33.7 34.5 35.4

| 36.3 37.3 38.4 39.4 40.4

| 41.3 41.9 42.1 41.8 41.2

| 40.4 39.4 38.3 37.2 36.2

| 35.3 34.4 33.6 32.8 32.1

| 31.5 30.8 30.3 29.7 29.2

| 28.7 28.2 27.8 27.4 26.9

| 26.6 26.2 25.8 25.4 25.1

| 24.8 24.5 24.1 23.8 23.5

975 | 25.1 25.4 25.8 26.1 26.5

| 26.9 27.3 27.7 28.1 28.6

| 29.1 29.6 30.1 30.7 31.2

| 31.9 32.5 33.2 34.0 34.7

| 35.6 36.4 37.3 38.1 38.9

| 39.5 39.9 40.0 39.9 39.4

| 38.8 38.0 37.2 36.3 35.5

| 34.7 33.9 33.1 32.5 31.8

| 31.2 30.6 30.0 29.5 29.0

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| 26.5 26.1 25.7 25.4 25.0

| 24.7 24.4 24.1 23.8 23.5

960 | 25.0 25.3 25.7 26.0 26.4

| 26.8 27.2 27.6 28.0 28.4

| 28.9 29.4 29.9 30.4 30.9

| 31.5 32.1 32.8 33.4 34.1

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| 37.4 36.8 36.2 35.5 34.7

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| 26.3 26.0 25.6 25.3 25.0

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945 | 24.9 25.2 25.6 25.9 26.3

| 26.6 27.0 27.4 27.8 28.2

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| 31.1 31.7 32.3 32.9 33.5

| 34.1 34.7 35.2 35.8 36.2

| 36.6 36.8 36.9 36.8 36.6

| 36.2 35.7 35.2 34.6 34.0

| 33.4 32.8 32.2 31.6 31.1

| 30.6 30.0 29.6 29.1 28.6

| 28.2 27.8 27.4 27.0 26.6

| 26.2 25.9 25.5 25.2 24.9

| 24.5 24.2 23.9 23.6 23.4

930 | 24.8 25.1 25.4 25.8 26.1

| 26.5 26.9 27.2 27.6 28.0

| 28.4 28.9 29.3 29.8 30.3

| 30.8 31.3 31.8 32.3 32.8

| 33.4 33.9 34.3 34.8 35.1

| 35.4 35.6 35.6 35.6 35.4

| 35.1 34.7 34.3 33.8 33.3

| 32.8 32.3 31.7 31.2 30.7

| 30.2 29.7 29.3 28.8 28.4

| 28.0 27.6 27.2 26.8 26.4

| 26.1 25.7 25.4 25.1 24.8

| 24.4 24.1 23.8 23.6 23.3

915 | 24.7 25.0 25.3 25.6 26.0

| 26.3 26.7 27.0 27.4 27.8

| 28.2 28.6 29.0 29.5 29.9

| 30.4 30.8 31.3 31.8 32.2

| 32.7 33.1 33.5 33.9 34.2

| 34.4 34.5 34.6 34.5 34.4

| 34.1 33.8 33.5 33.1 32.6

| 32.2 31.7 31.2 30.8 30.3

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| 25.9 25.6 25.3 25.0 24.6

| 24.3 24.0 23.8 23.5 23.2

900 | 24.6 24.9 25.2 25.5 25.8

| 26.2 26.5 26.8 27.2 27.6

| 28.0 28.3 28.7 29.1 29.6

| 30.0 30.4 30.8 31.2 31.6

| 32.0 32.4 32.7 33.0 33.3

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| 33.3 33.0 32.7 32.4 32.0

| 31.6 31.2 30.8 30.3 29.9

| 29.5 29.1 28.7 28.3 27.9

| 27.5 27.2 26.8 26.5 26.1

| 25.8 25.5 25.1 24.8 24.5

| 24.2 23.9 23.6 23.4 23.1

885 | 24.4 24.7 25.0 25.3 25.6

| 26.0 26.3 26.6 27.0 27.3

| 27.7 28.1 28.4 28.8 29.2

| 29.6 30.0 30.3 30.7 31.1

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| 27.3 26.9 26.6 26.3 25.9

| 25.6 25.3 25.0 24.7 24.4

| 24.1 23.8 23.5 23.3 23.0

870 | 24.3 24.6 24.9 25.2 25.5

| 25.8 26.1 26.4 26.8 27.1

| 27.4 27.8 28.1 28.5 28.8

| 29.2 29.5 29.9 30.2 30.5

| 30.8 31.1 31.4 31.6 31.8

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| 30.5 30.2 29.8 29.5 29.1

| 28.8 28.4 28.1 27.7 27.4

| 27.0 26.7 26.4 26.1 25.7

| 25.4 25.1 24.8 24.5 24.3

| 24.0 23.7 23.4 23.2 22.9

855 | 24.1 24.4 24.7 25.0 25.3

| 25.6 25.9 26.2 26.5 26.8

| 27.2 27.5 27.8 28.1 28.5

| 28.8 29.1 29.4 29.7 30.0

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| 31.1 30.9 30.7 30.5 30.3

| 30.0 29.7 29.4 29.1 28.8

| 28.4 28.1 27.8 27.4 27.1

| 26.8 26.5 26.2 25.9 25.6

| 25.3 25.0 24.7 24.4 24.1

| 23.8 23.6 23.3 23.0 22.8

840 | 24.0 24.3 24.5 24.8 25.1

| 25.4 25.7 26.0 26.3 26.6

| 26.9 27.2 27.5 27.8 28.1

| 28.4 28.7 29.0 29.3 29.5

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| 26.5 26.2 25.9 25.6 25.4

| 25.1 24.8 24.5 24.2 24.0

| 23.7 23.4 23.2 22.9 22.7

825 | 23.8 24.1 24.4 24.6 24.9

| 25.2 25.5 25.7 26.0 26.3

| 26.6 26.9 27.2 27.5 27.7

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| 29.3 29.5 29.6 29.8 29.9

| 30.0 30.0 30.0 30.0 30.0

| 29.9 29.8 29.6 29.4 29.2

| 29.0 28.8 28.5 28.3 28.0

| 27.7 27.4 27.1 26.9 26.6

| 26.3 26.0 25.7 25.4 25.2

| 24.9 24.6 24.3 24.1 23.8

| 23.5 23.3 23.0 22.8 22.6

810 | 23.7 23.9 24.2 24.4 24.7

| 25.0 25.2 25.5 25.8 26.1

| 26.3 26.6 26.9 27.1 27.4

| 27.7 27.9 28.1 28.4 28.6

| 28.8 29.0 29.1 29.2 29.3

| 29.4 29.5 29.5 29.5 29.4

| 29.3 29.2 29.1 28.9 28.8

| 28.6 28.3 28.1 27.9 27.6

| 27.4 27.1 26.8 26.6 26.3

| 26.0 25.8 25.5 25.2 24.9

| 24.7 24.4 24.2 23.9 23.6

| 23.4 23.1 22.9 22.7 22.4

795 | 23.5 23.8 24.0 24.3 24.5

| 24.8 25.0 25.3 25.5 25.8

| 26.0 26.3 26.6 26.8 27.0

| 27.3 27.5 27.7 27.9 28.1

| 28.3 28.5 28.6 28.7 28.8

| 28.9 28.9 29.0 28.9 28.9

| 28.8 28.7 28.6 28.5 28.3

| 28.1 27.9 27.7 27.5 27.3

| 27.0 26.8 26.5 26.3 26.0

| 25.8 25.5 25.2 25.0 24.7

| 24.5 24.2 24.0 23.7 23.5

| 23.2 23.0 22.8 22.5 22.3

780 | 23.3 23.6 23.8 24.1 24.3

| 24.5 24.8 25.0 25.3 25.5

| 25.8 26.0 26.2 26.5 26.7

| 26.9 27.1 27.3 27.5 27.7

| 27.9 28.0 28.2 28.3 28.3

| 28.4 28.4 28.5 28.4 28.4

| 28.3 28.2 28.1 28.0 27.9

| 27.7 27.5 27.3 27.1 26.9

| 26.7 26.5 26.2 26.0 25.7

| 25.5 25.3 25.0 24.8 24.5

| 24.3 24.0 23.8 23.6 23.3

| 23.1 22.8 22.6 22.4 22.2

765 | 23.2 23.4 23.6 23.9 24.1

| 24.3 24.6 24.8 25.0 25.3

| 25.5 25.7 25.9 26.2 26.4

| 26.6 26.8 27.0 27.1 27.3

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| 16.6 16.5 16.4 16.3 16.2

195 | 16.5 16.5 16.6 16.7 16.7

| 16.8 16.9 16.9 17.0 17.0

| 17.1 17.1 17.2 17.2 17.2

| 17.3 17.3 17.3 17.4 17.4

| 17.4 17.4 17.5 17.5 17.5

| 17.5 17.5 17.5 17.5 17.5

| 17.5 17.5 17.5 17.4 17.4

| 17.4 17.4 17.3 17.3 17.3

| 17.2 17.2 17.2 17.1 17.1

| 17.0 17.0 16.9 16.9 16.8

| 16.7 16.7 16.6 16.5 16.5

| 16.4 16.3 16.3 16.2 16.1

180 | 16.3 16.4 16.5 16.5 16.6

| 16.6 16.7 16.8 16.8 16.9

| 16.9 16.9 17.0 17.0 17.1

| 17.1 17.1 17.2 17.2 17.2

| 17.2 17.3 17.3 17.3 17.3

| 17.3 17.3 17.3 17.3 17.3

| 17.3 17.3 17.3 17.3 17.2

| 17.2 17.2 17.2 17.1 17.1

| 17.1 17.0 17.0 16.9 16.9

| 16.9 16.8 16.8 16.7 16.6

| 16.6 16.5 16.5 16.4 16.3

| 16.3 16.2 16.1 16.0 16.0

165 | 16.2 16.2 16.3 16.4 16.4

| 16.5 16.5 16.6 16.6 16.7

| 16.7 16.8 16.8 16.9 16.9

| 16.9 17.0 17.0 17.0 17.0

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| 17.0 17.0 17.0 17.0 16.9

| 16.9 16.9 16.8 16.8 16.7

| 16.7 16.6 16.6 16.5 16.5

| 16.4 16.4 16.3 16.2 16.2

| 16.1 16.0 16.0 15.9 15.8

150 | 16.0 16.1 16.2 16.2 16.3

| 16.3 16.4 16.4 16.5 16.5

| 16.6 16.6 16.7 16.7 16.7

| 16.8 16.8 16.8 16.9 16.9

| 16.9 16.9 16.9 16.9 17.0

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| 16.5 16.5 16.4 16.4 16.3

| 16.3 16.2 16.2 16.1 16.0

| 16.0 15.9 15.8 15.8 15.7

135 | 15.9 16.0 16.0 16.1 16.1

| 16.2 16.2 16.3 16.3 16.4

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| 16.1 16.1 16.0 16.0 15.9

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120 | 15.7 15.8 15.9 15.9 16.0

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| 16.1 16.1 16.2 16.2 16.3

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90 | 15.5 15.5 15.6 15.6 15.7

| 15.7 15.8 15.8 15.9 15.9

| 16.0 16.0 16.0 16.1 16.1

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75 | 15.3 15.4 15.4 15.5 15.5

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| 16.0 16.0 16.0 16.0 16.1

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60 | 15.2 15.2 15.3 15.3 15.4

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| 15.6 15.6 15.5 15.5 15.4

| 15.4 15.3 15.3 15.2 15.2

| 15.1 15.1 15.0 15.0 14.9

45 | 15.1 15.1 15.2 15.2 15.3

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30 | 14.9 15.0 15.0 15.1 15.1

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15 | 14.8 14.8 14.9 14.9 15.0

| 15.0 15.1 15.1 15.1 15.2

| 15.2 15.2 15.3 15.3 15.3

| 15.4 15.4 15.4 15.4 15.5

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| 14.9 14.9 15.0 15.0 15.0

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| 15.3 15.3 15.3 15.4 15.4

| 15.4 15.4 15.4 15.4 15.4

| 15.4 15.4 15.3 15.3 15.3

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| 15.0 15.0 15.0 14.9 14.9

| 14.8 14.8 14.7 14.7 14.6

| 14.6 14.5 14.5 14.4 14.4

P1 - ( x = 338 ,y = 1099 ,z = 1.5 ): 43.6 dB

LAeq , dzień: wartość największa poza terenem zakładu występuje w punkcie (405,1065,1.5) i wynosi 74.9 dB(A)

Tłumienie przez grunt wg wzoru 9 PN-ISO 9613.

Koniec obliczeń