APPENDIX S

INLAND RAIL

Construction Noise and Vibration and Operational Road Traffic Noise Technical Report

Part 4 of 4

INLAND RAIL—BORDER TO GOWRIE ENVIRONMENTAL IMPACT STATEMENT

IR_1534

ARTC

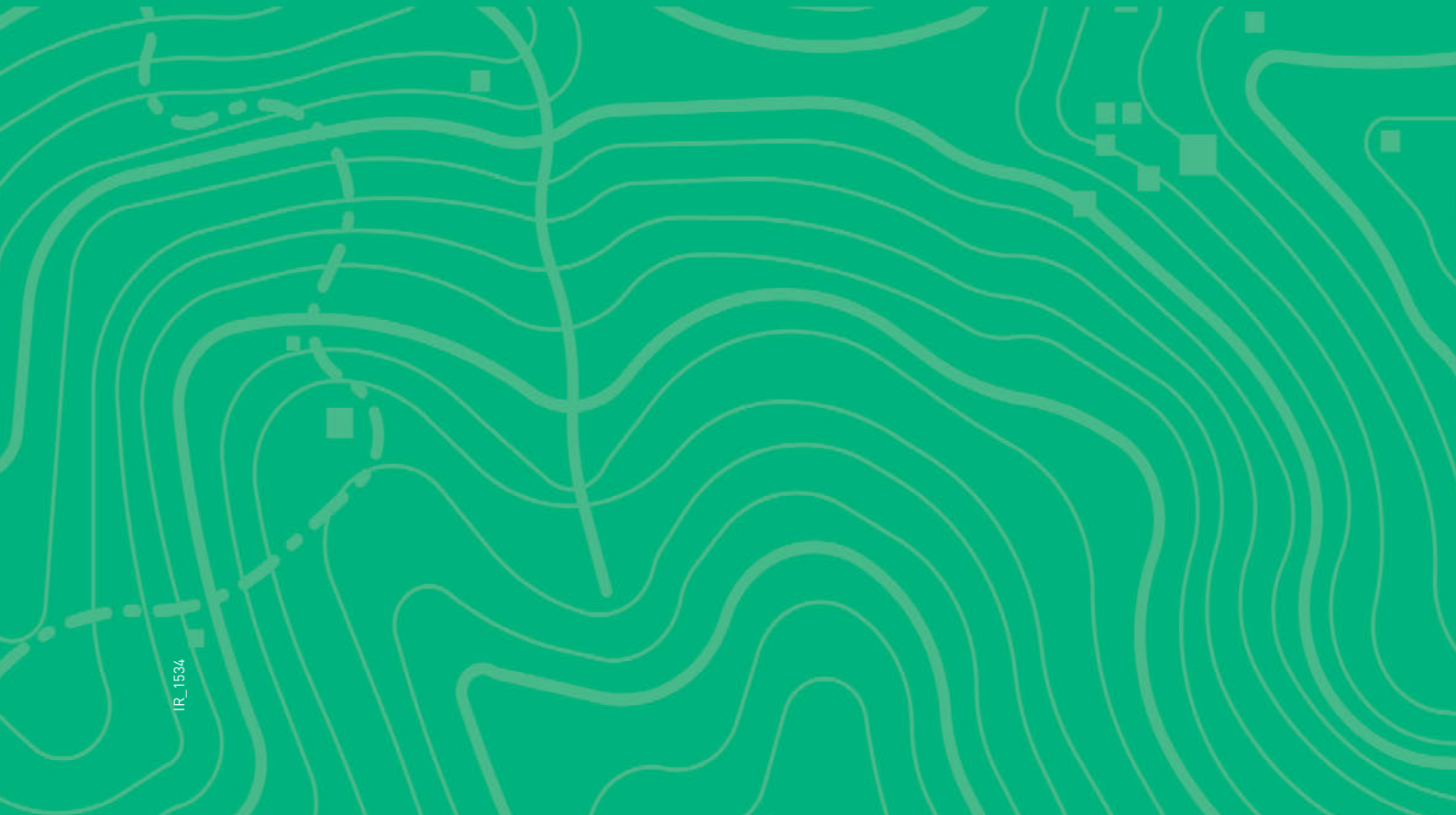
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

APPENDIX S

Construction Noise and Vibration and Operational Road Traffic Noise Technical Report

Appendix E Construction Noise Contours

INLAND RAIL—BORDER TO GOWRIE ENVIRONMENTAL IMPACT STATEMENT



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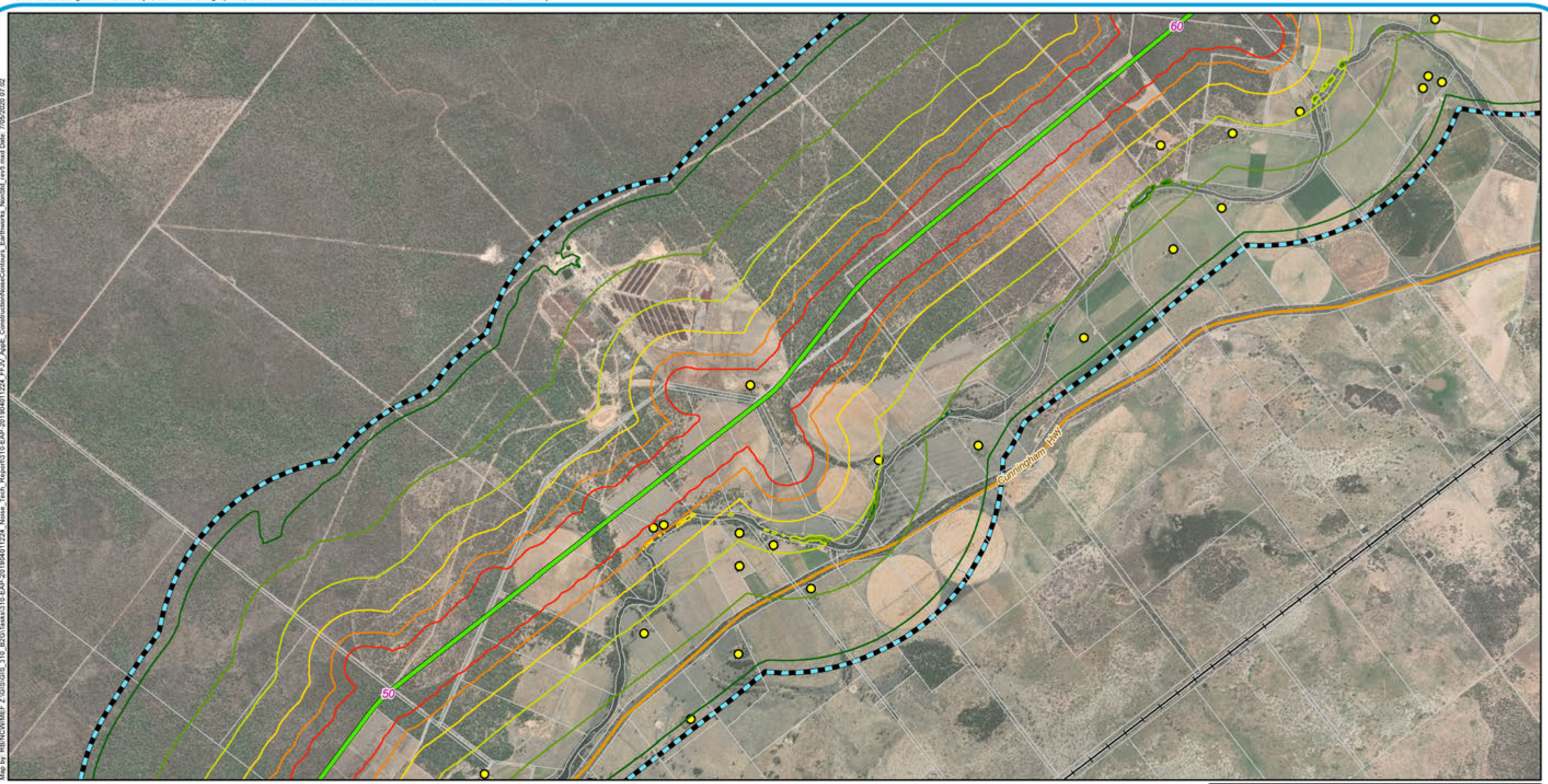
Appendix E
Construction noise contours

Part 2 of 2

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

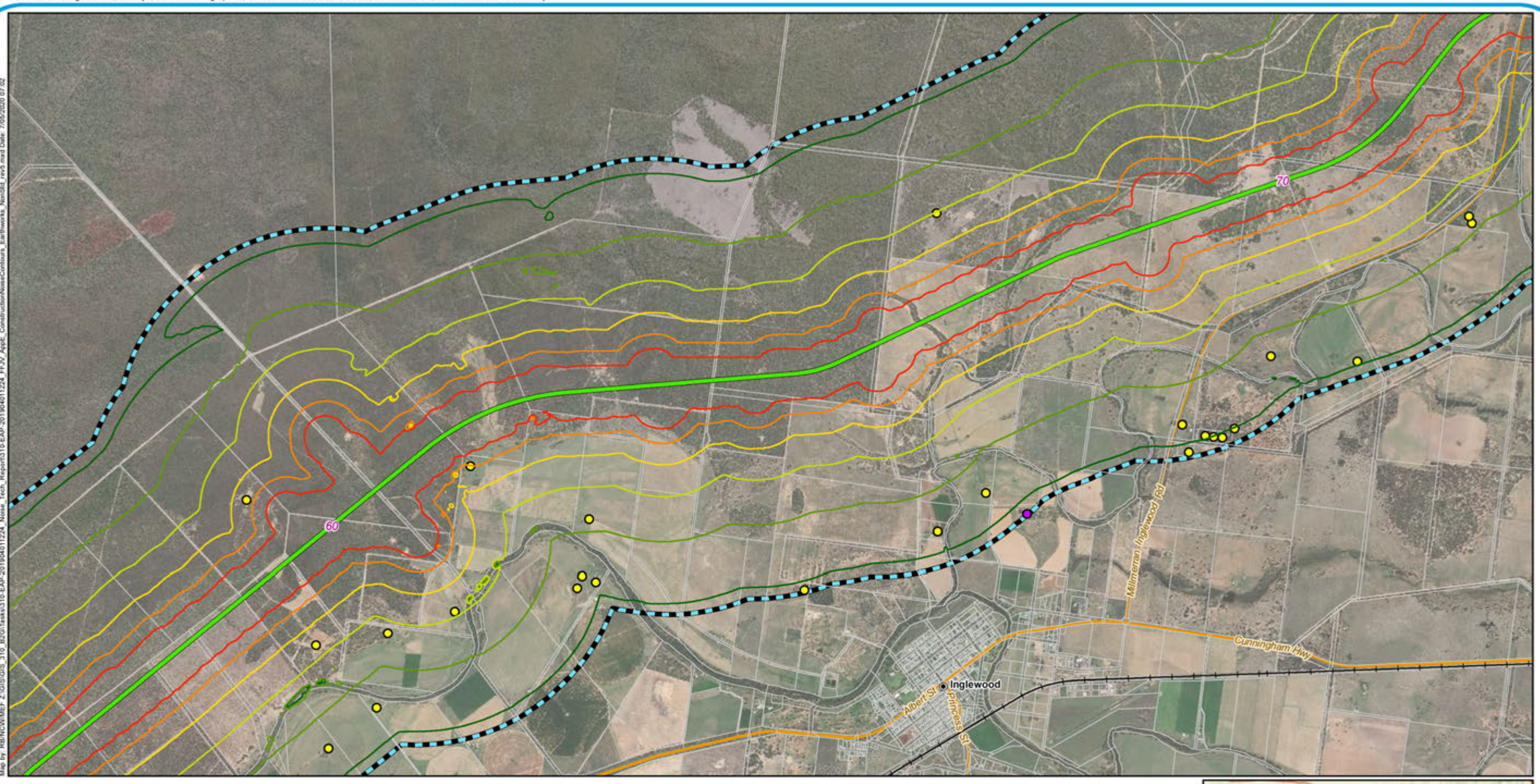
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E8: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

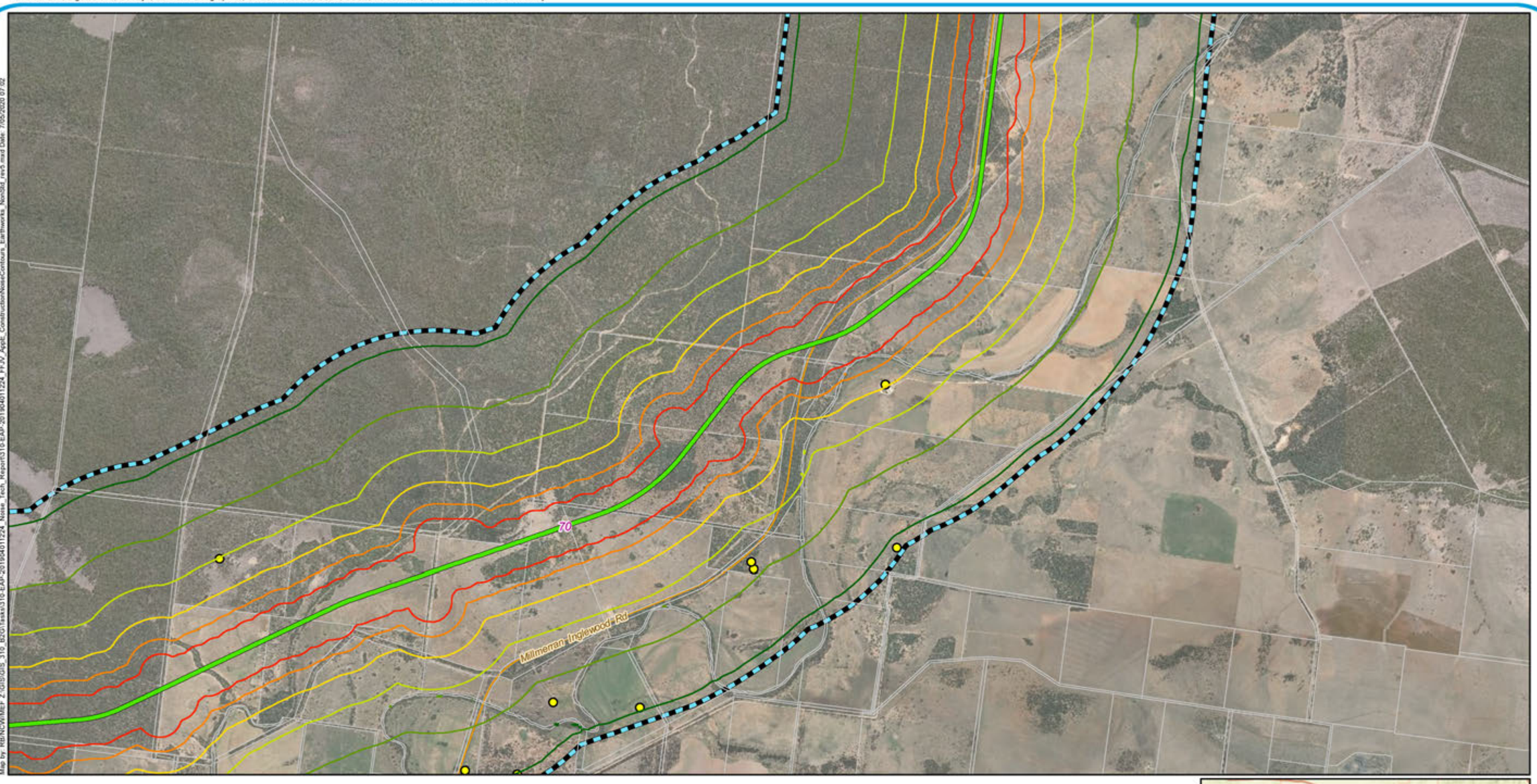
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E9: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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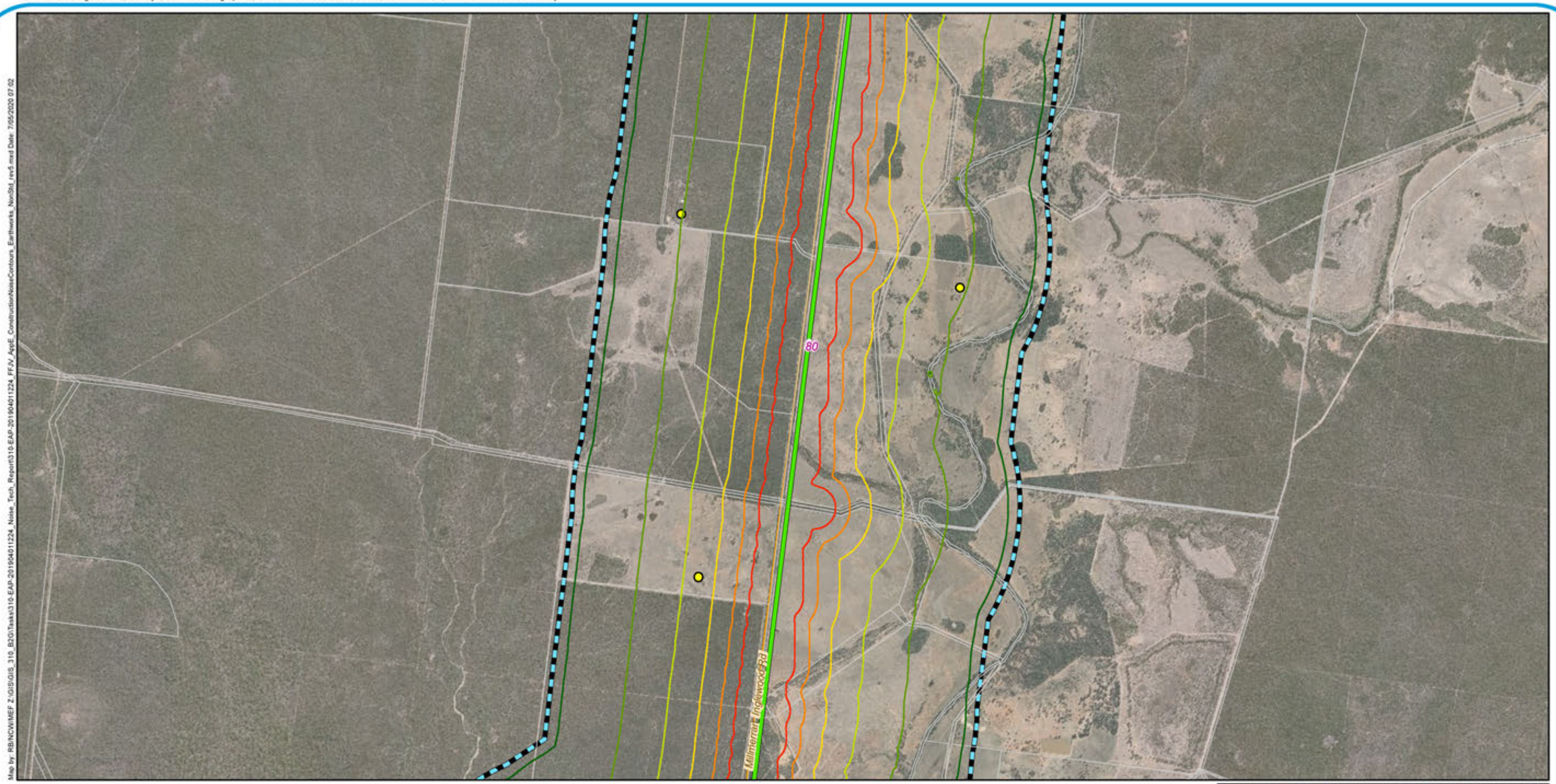
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E10: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

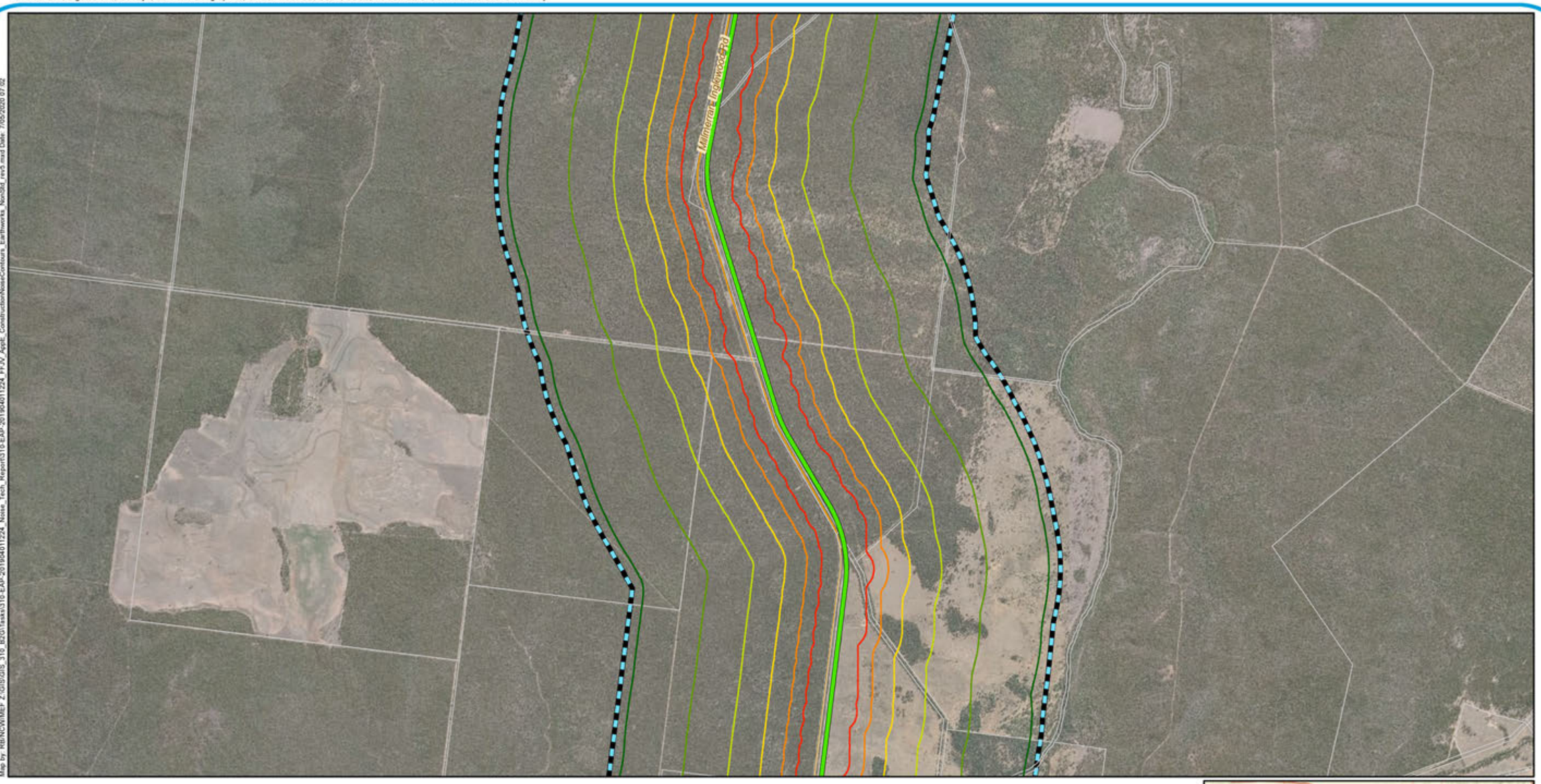
Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E11: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Map by: RB/NCV/MEF Z:\GIS\GIS_310_B2G\Tasks\310-EAP-20190401224_Noise_Tech_Report\310-EAP-20190401224_FFJV_AppE_ConstructionNoiseContours_Earthworks_NonStd_rev5.mxd Date: 7/05/2020 07:02



Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
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- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

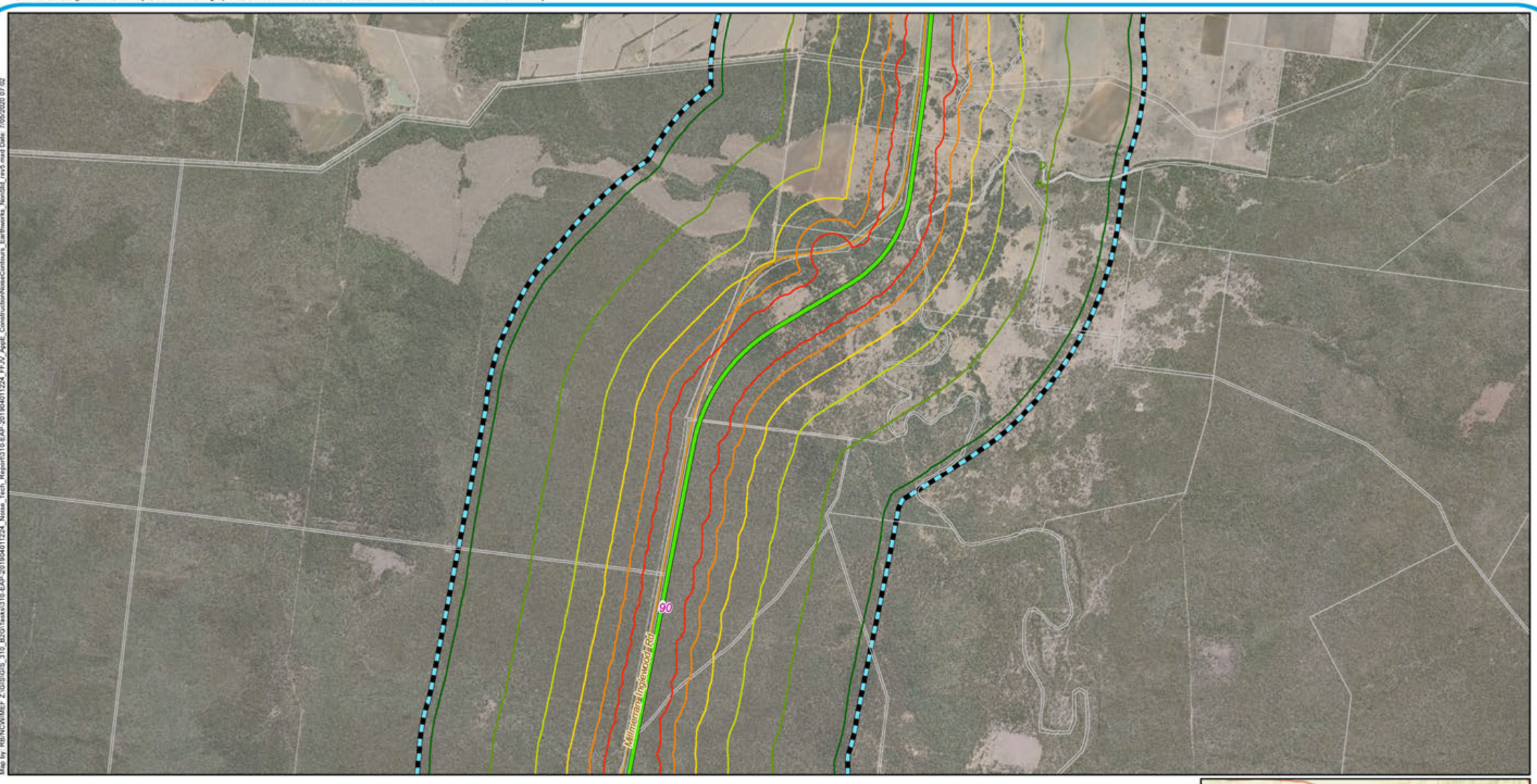
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E12: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

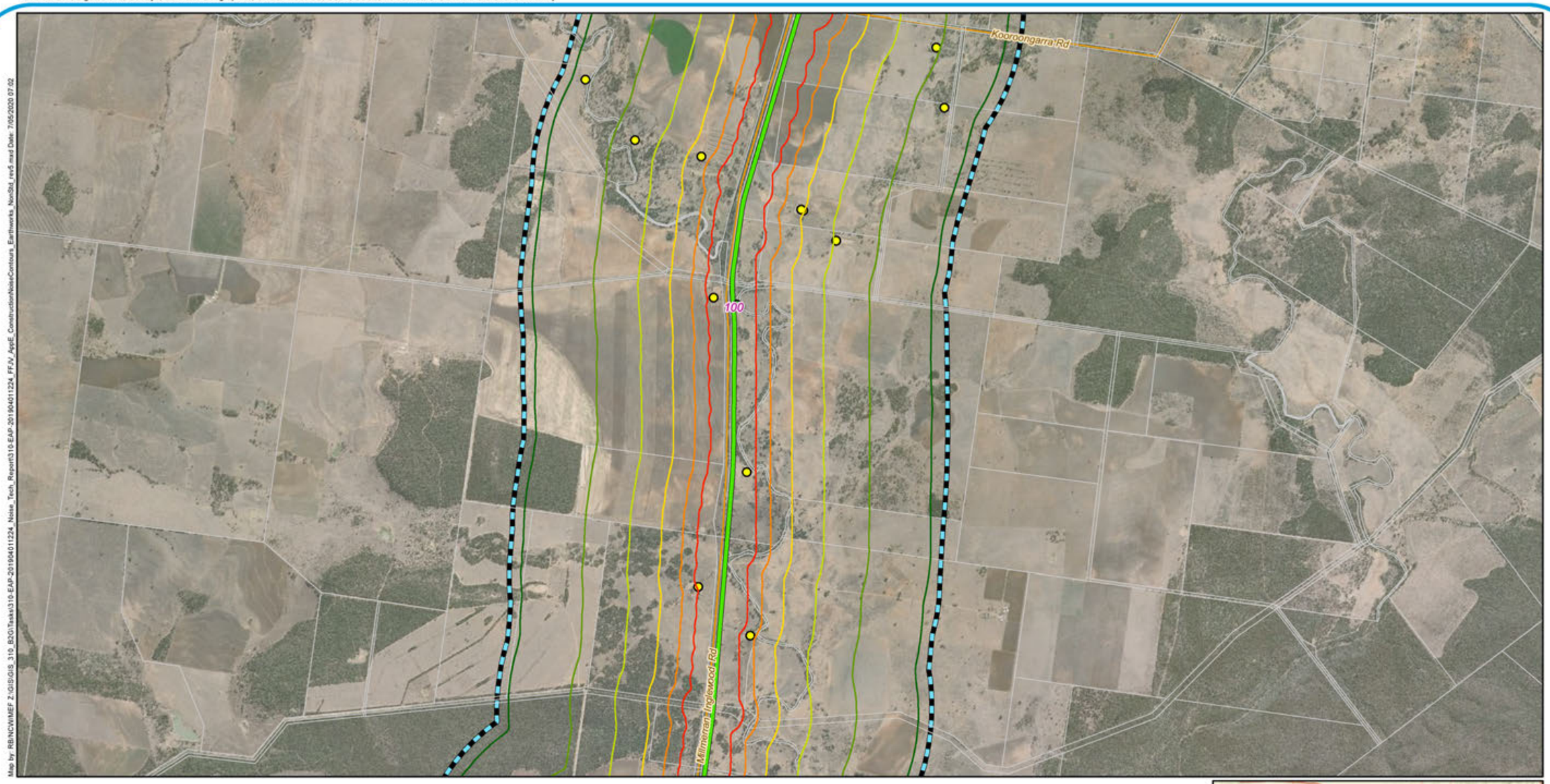
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E13: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
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- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
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- Hotel/Motel
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- Medical Building
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- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

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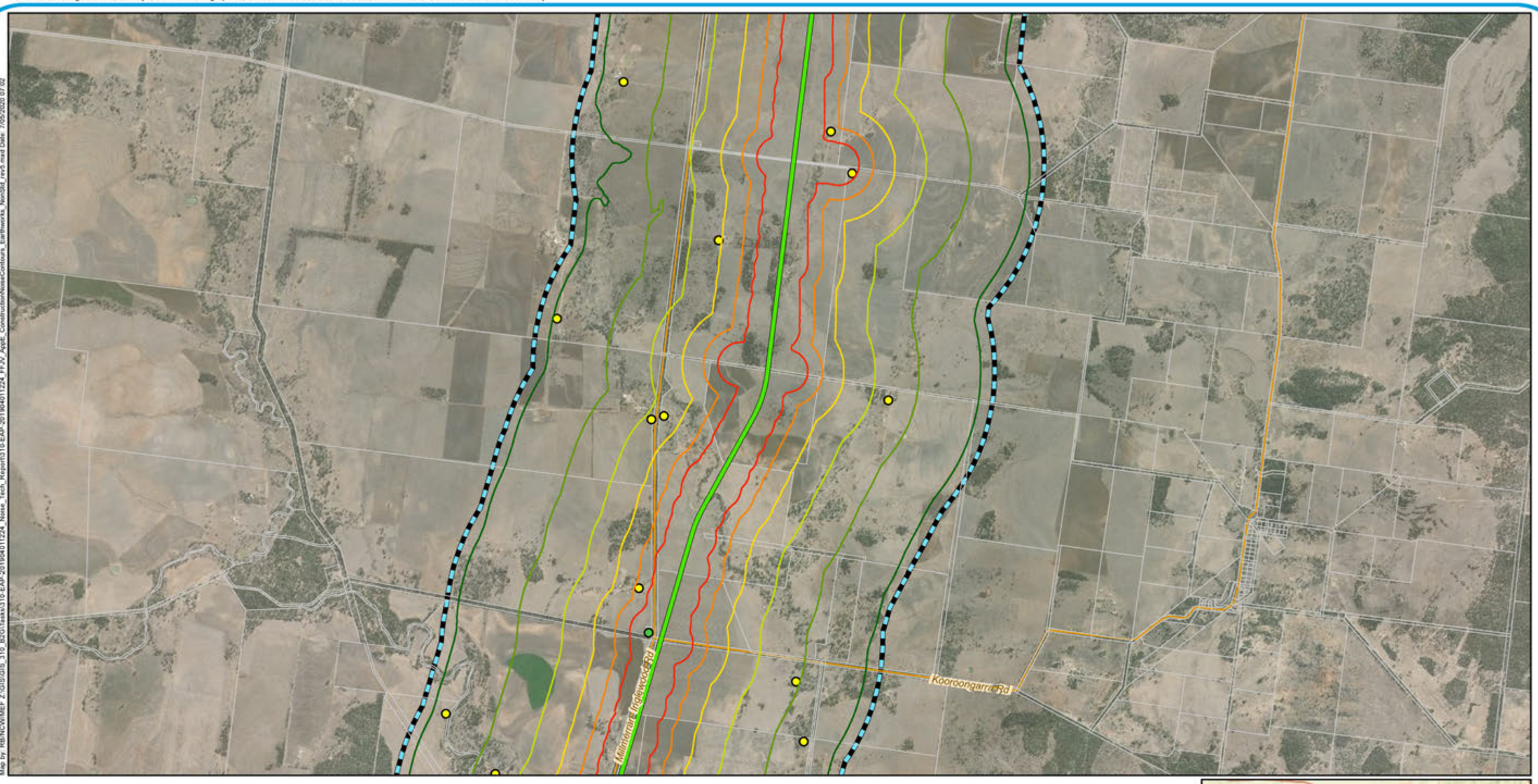
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E14: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
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- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

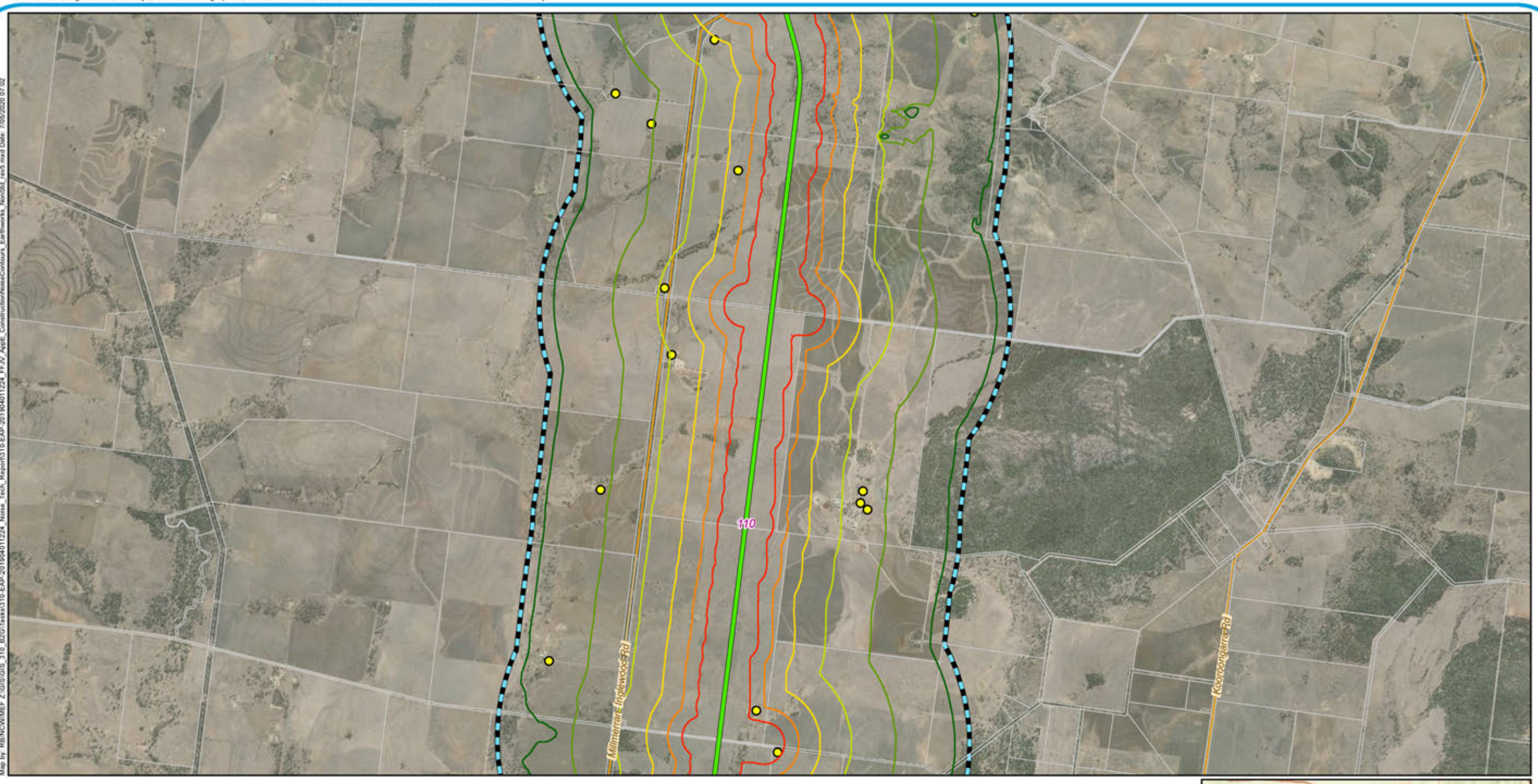
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E15: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
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- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
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- 70

Sensitive Receptors

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A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

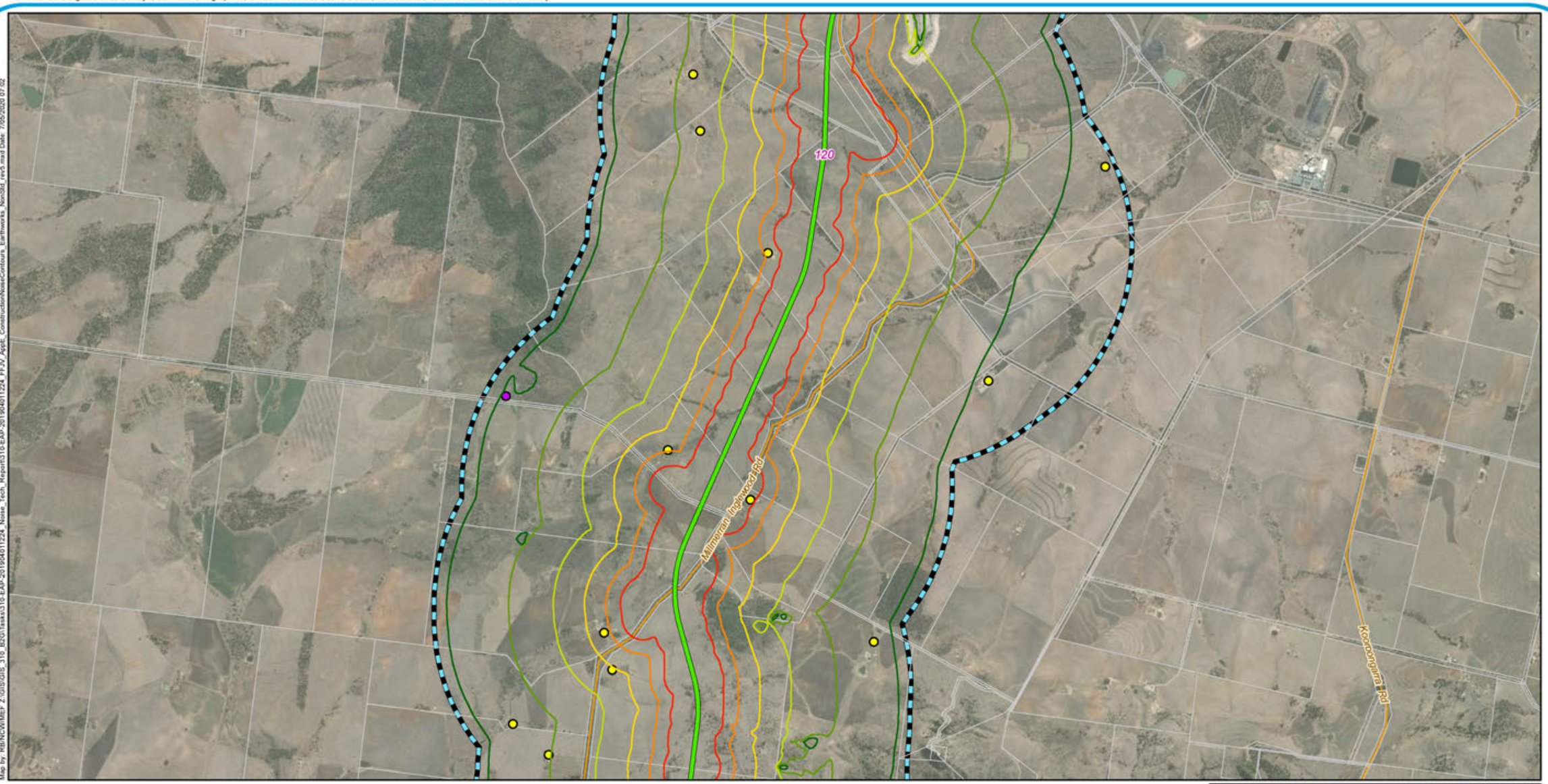
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E16: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
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- Residential
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A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E17: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
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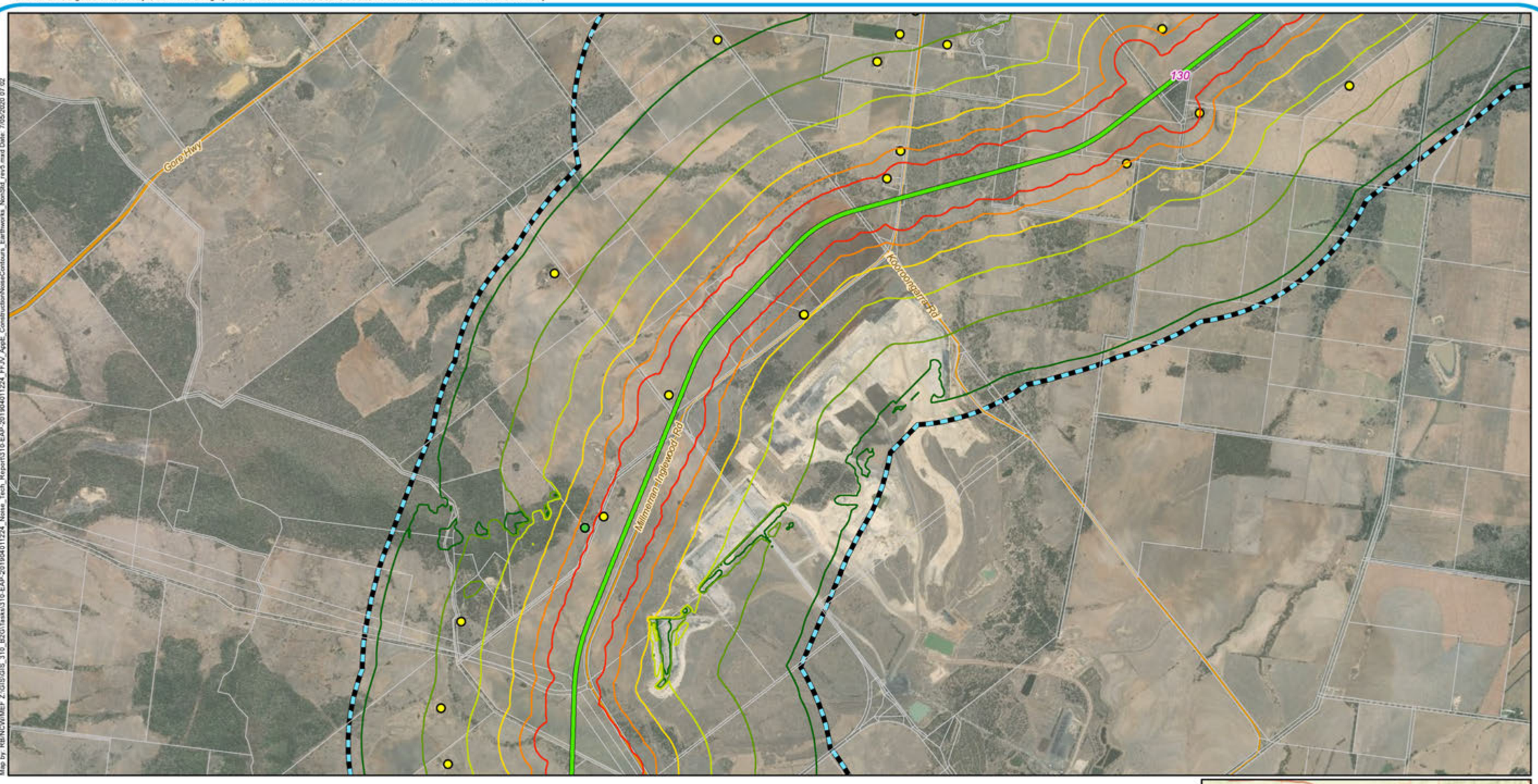

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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
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- 70

Sensitive Receptors

- Commercial Office
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A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

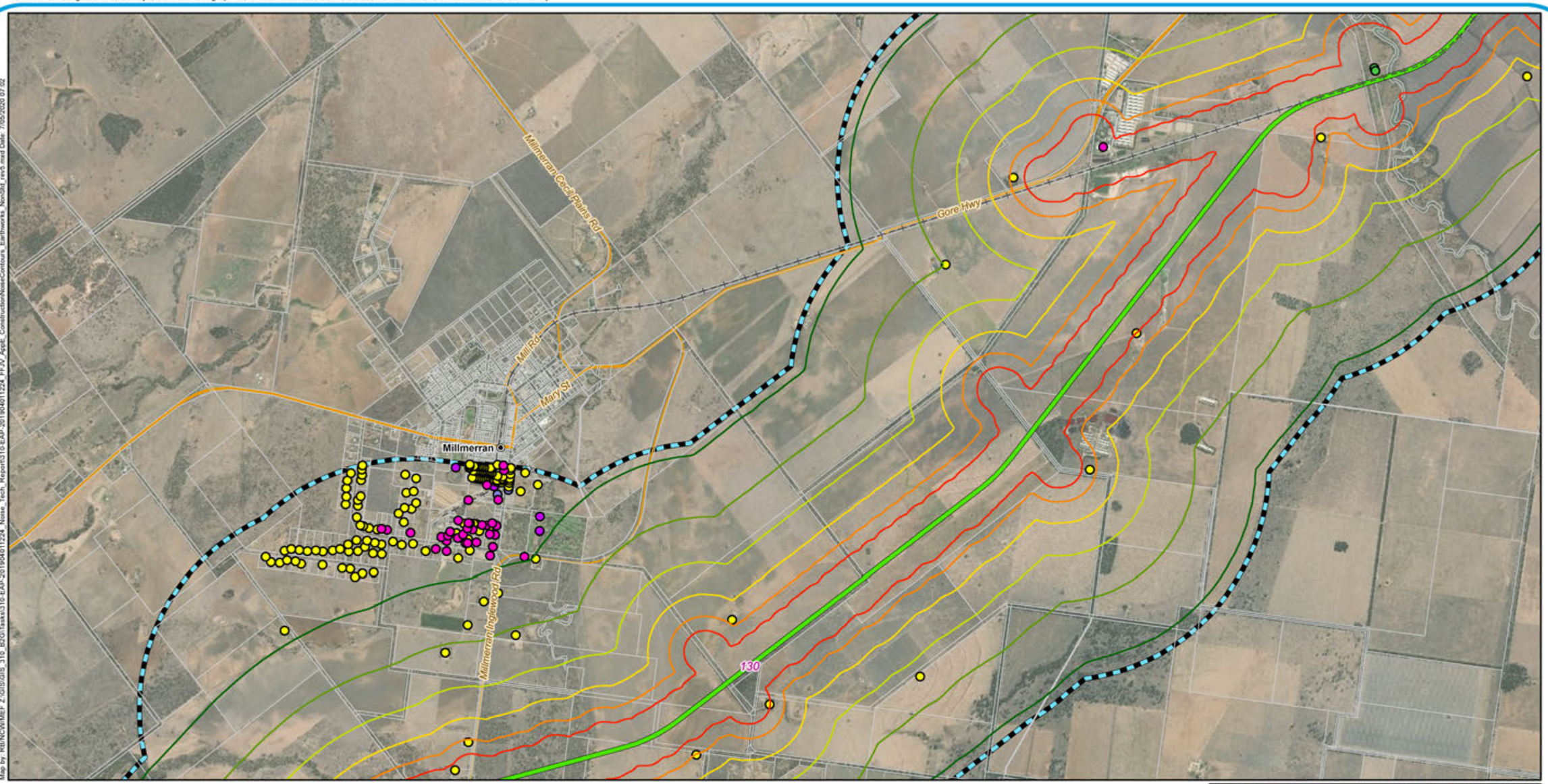
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E18: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (non-operational)
- Major roads
- Minor roads
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Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
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Sensitive Receptors

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- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

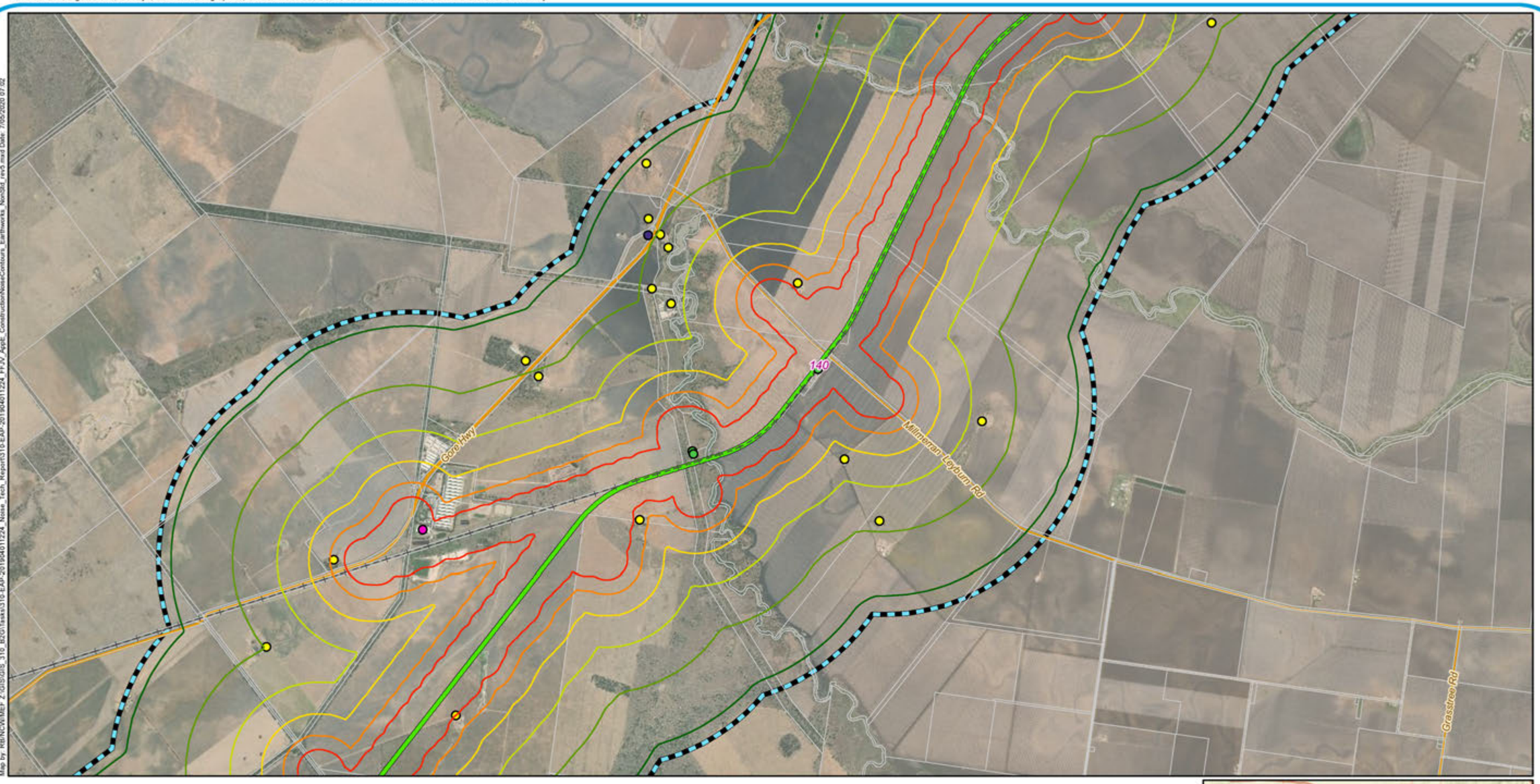
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E19: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

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- Localities
- Border to Gowrie alignment
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Methodology outlined in section 5.2

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Sensitive Receptors

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- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

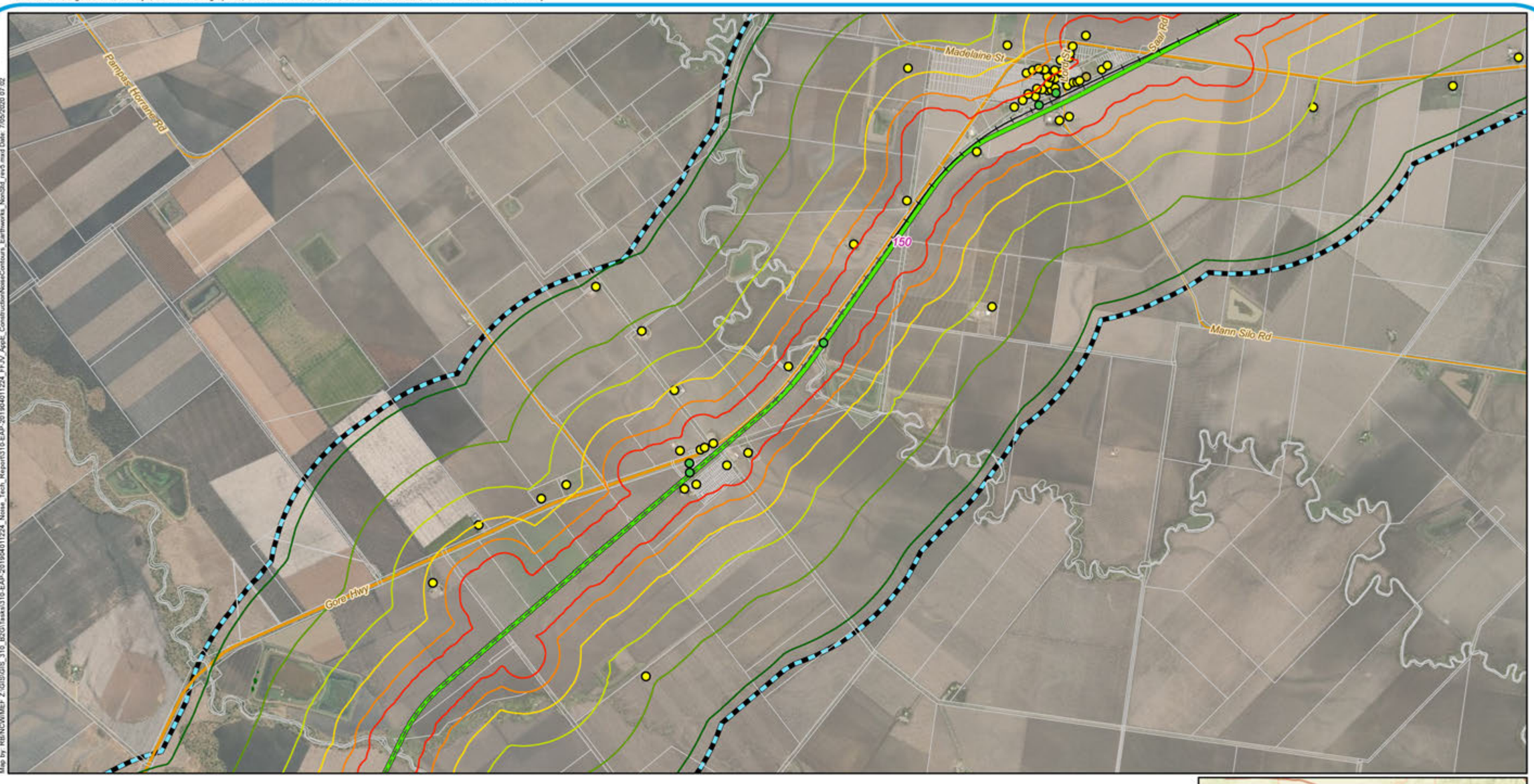
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E20: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Existing rail (non-operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

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Border to Gowrie

Appendix E21: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: RB/NCW/MEF Z:\GIS\GIS_310_B2G\Tasks\310-EAP-20190401224_Noise_Tech_Report\310-EAP-20190401224_FFJV_ApdE_ConstructionNoiseContours_Earthworks_NonStd_rev5.mxd Date: 7/05/2020 07:02

Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

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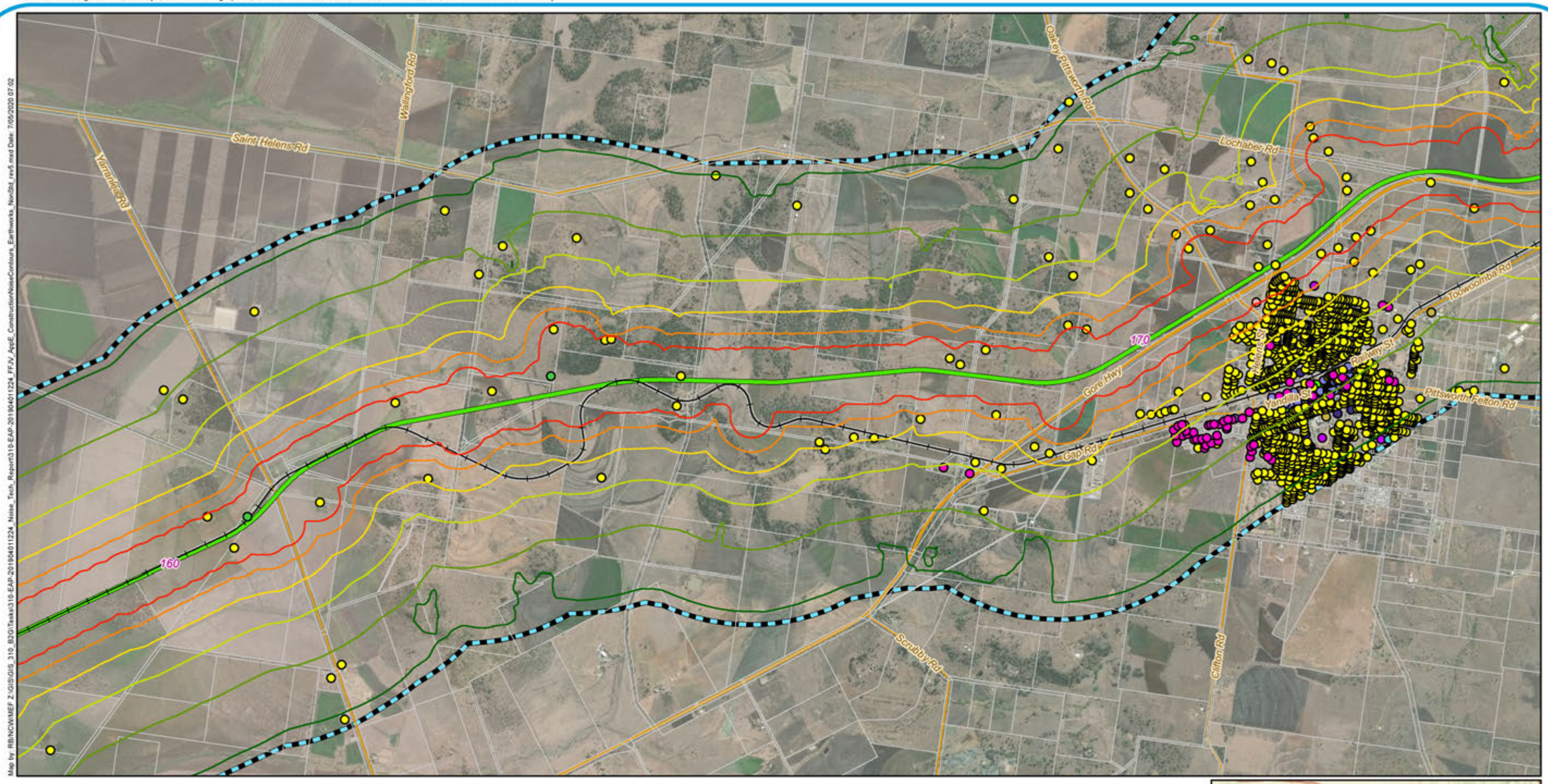
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E22: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

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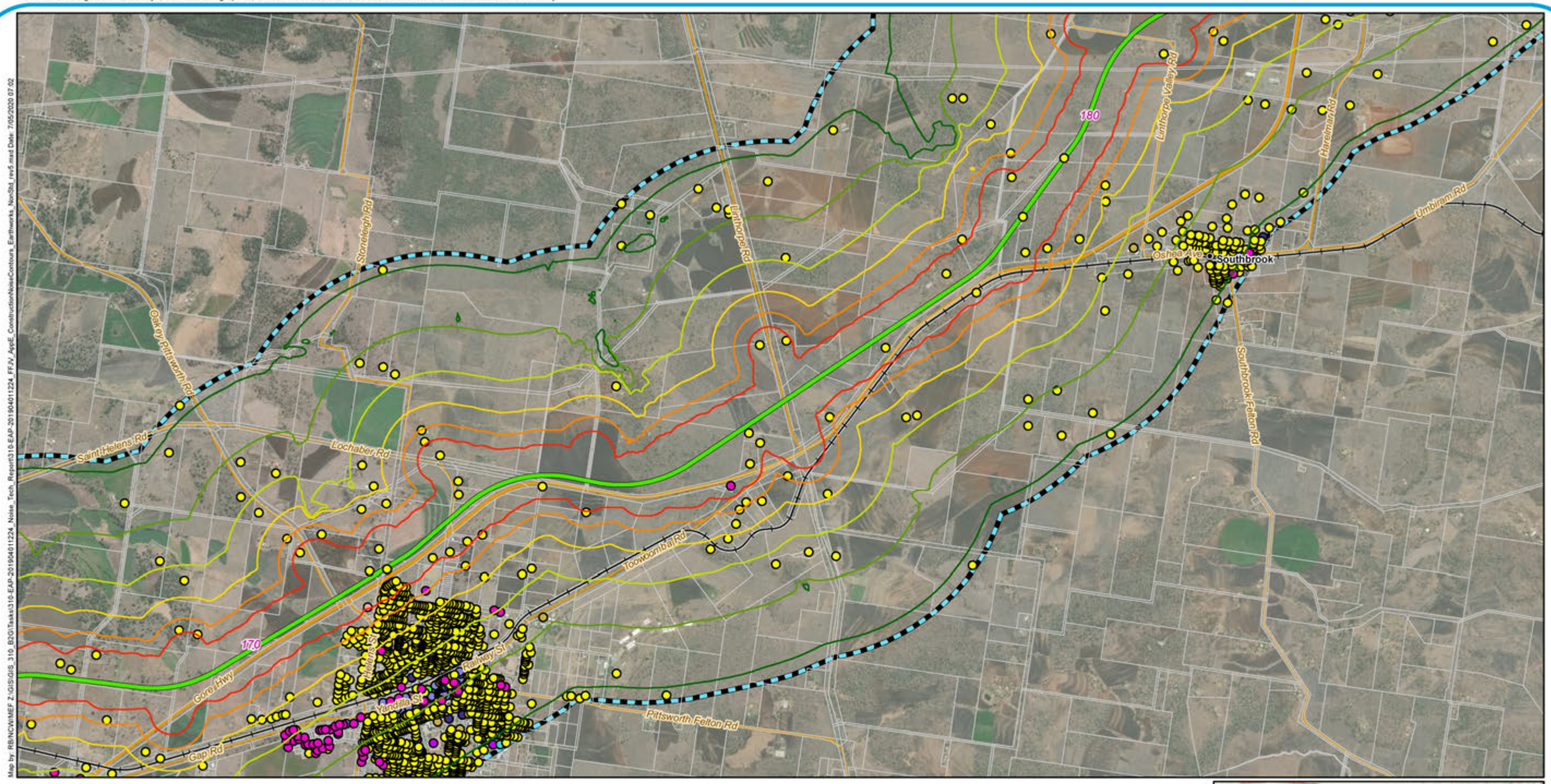
Border to Gowrie

Appendix E23: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

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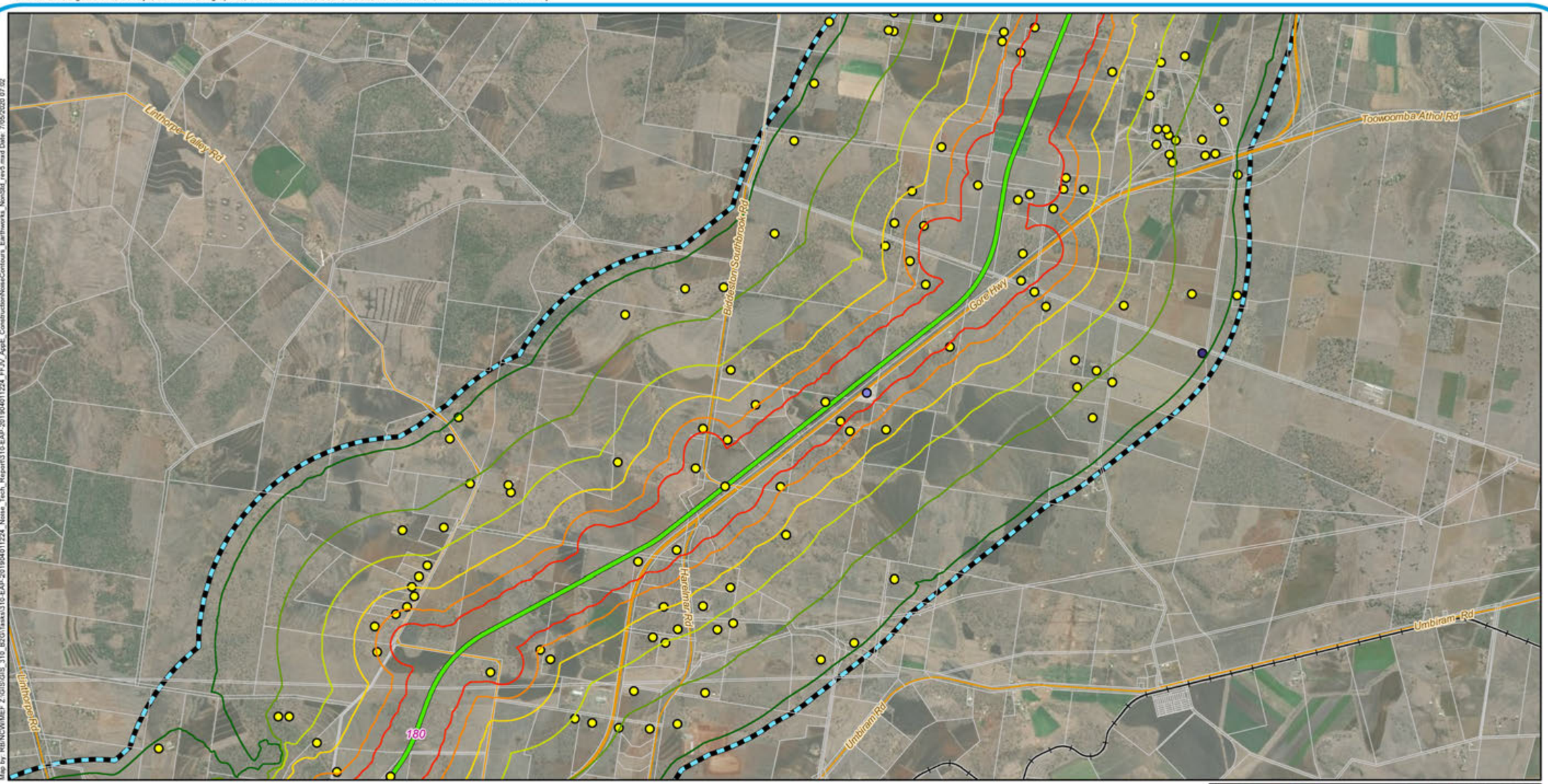
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E24: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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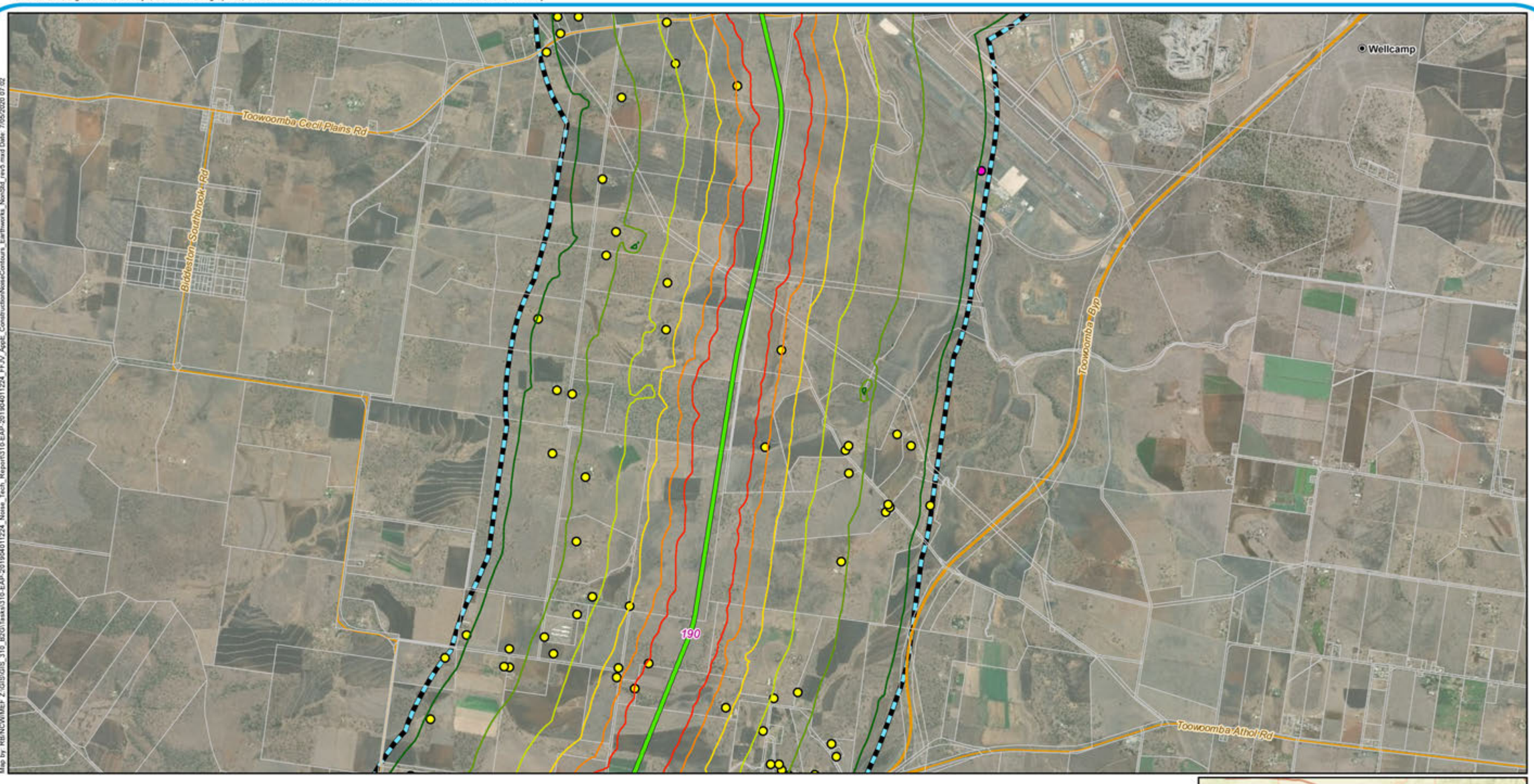
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E25: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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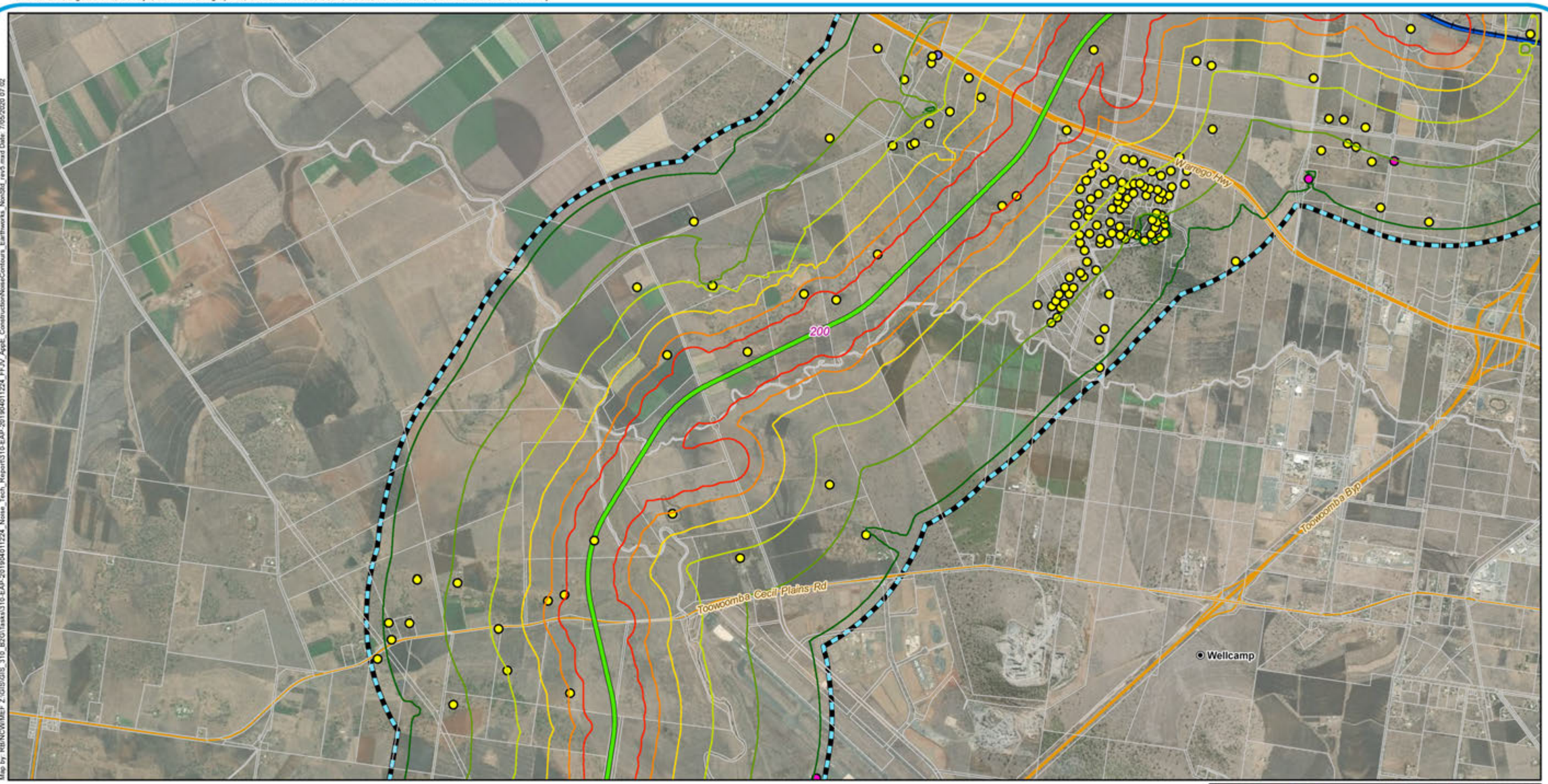
Border to Gowrie

Appendix E26: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Gowrie to Helidon alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

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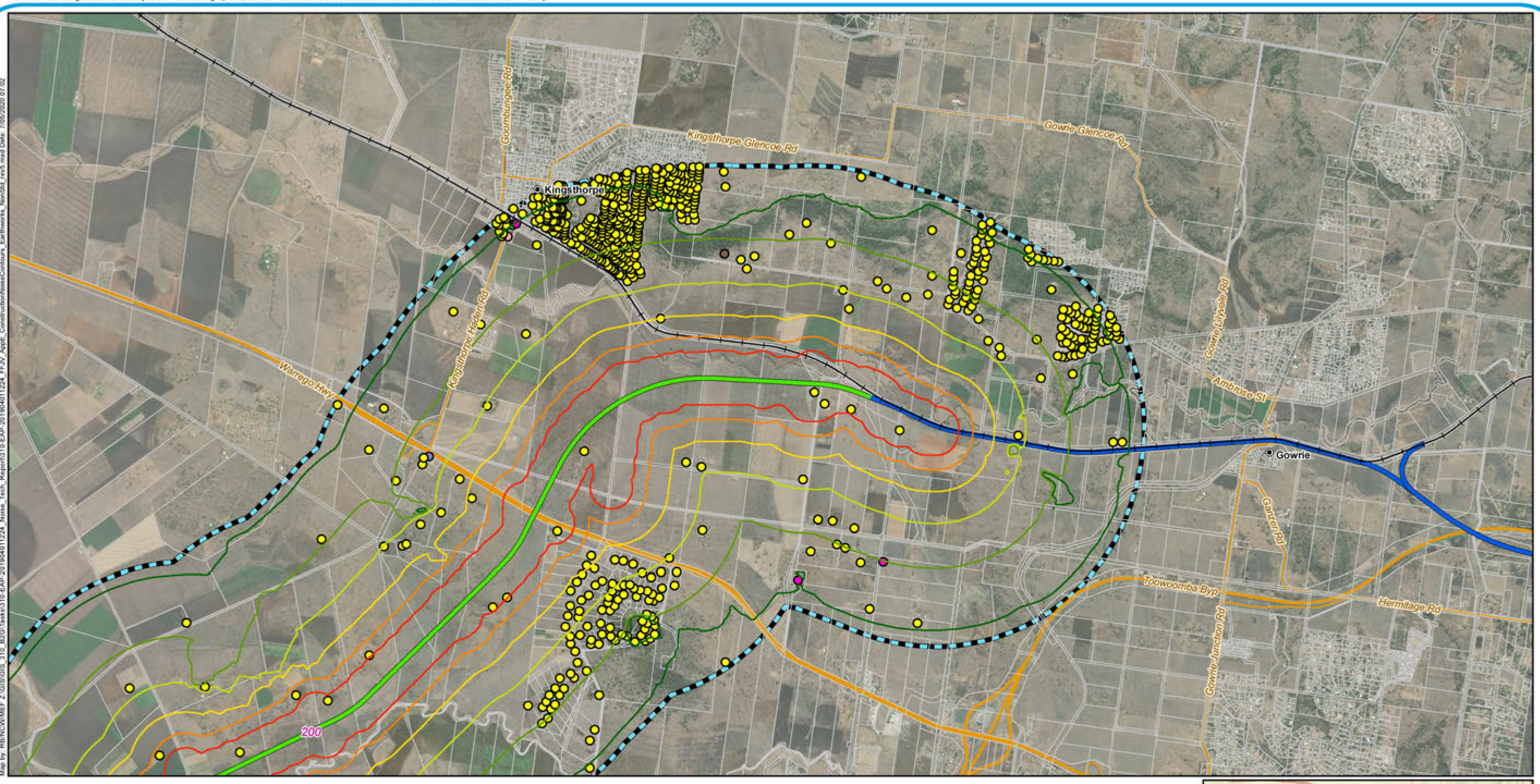
Border to Gowrie

Appendix E27: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Gowrie to Helidon alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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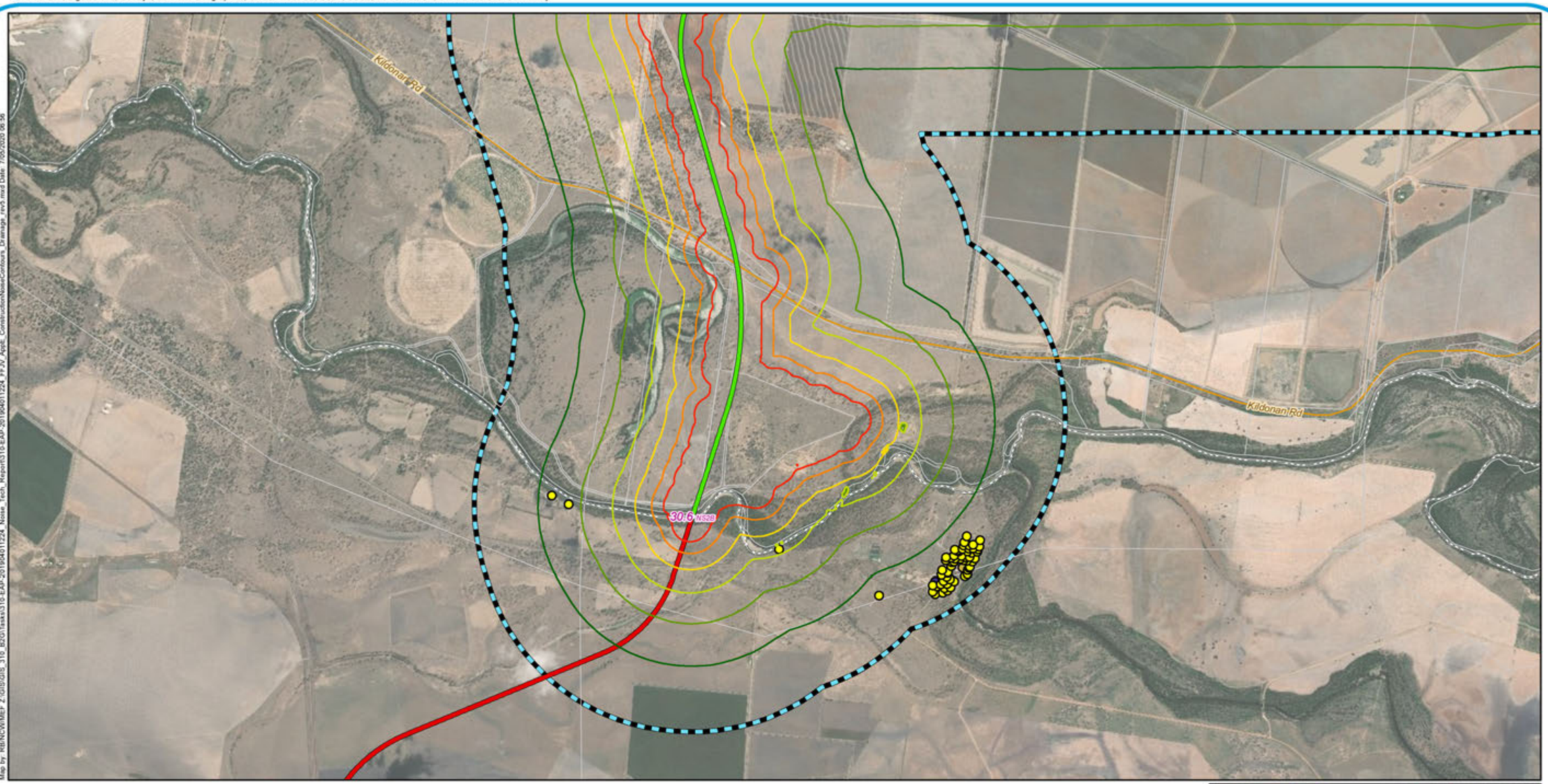
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E28: Construction noise contours earthworks (non standard construction hours)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- North Star to NSW/QLD border alignment
- Minor roads
- NSW/QLD border
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



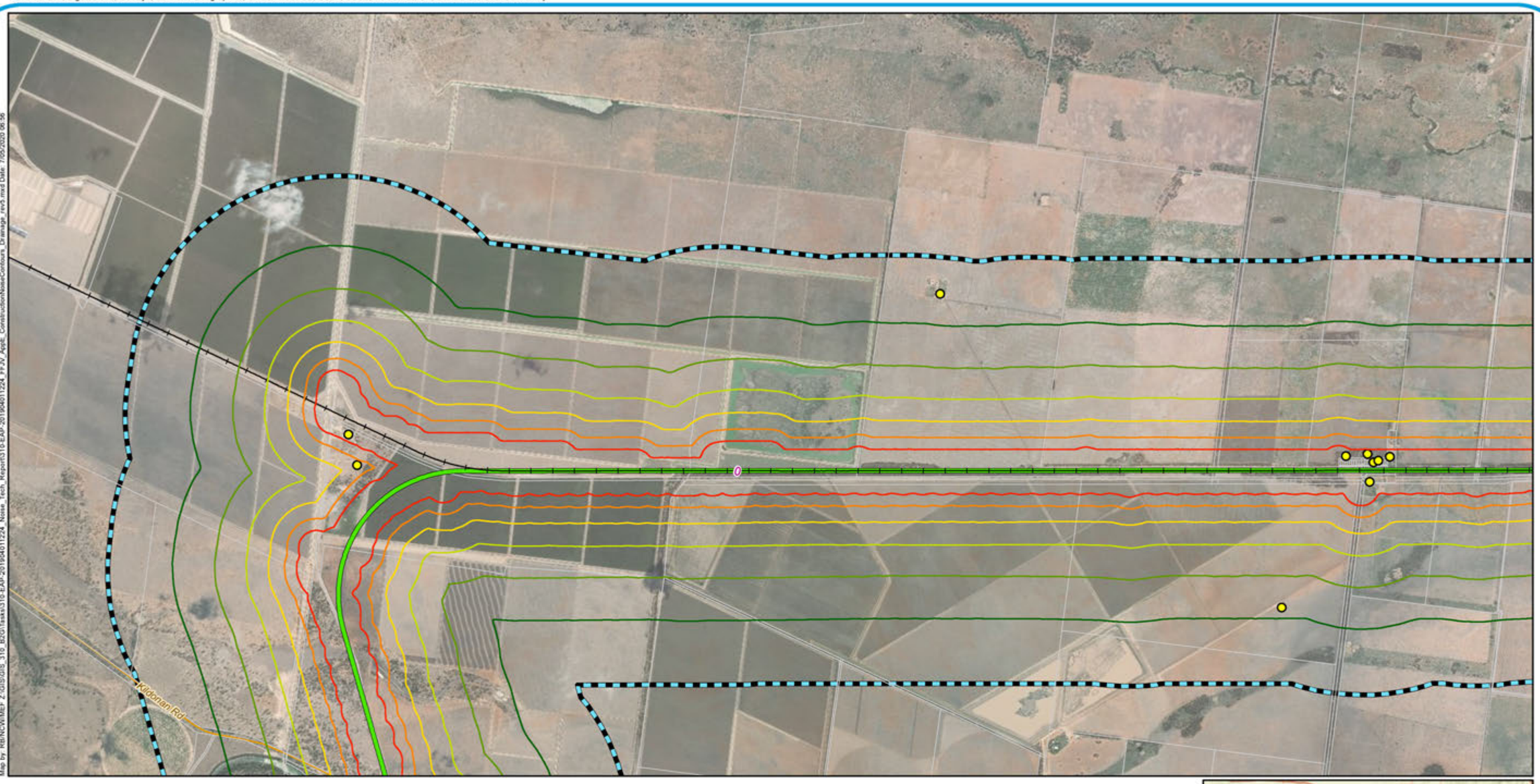
A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie
Appendix E1: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

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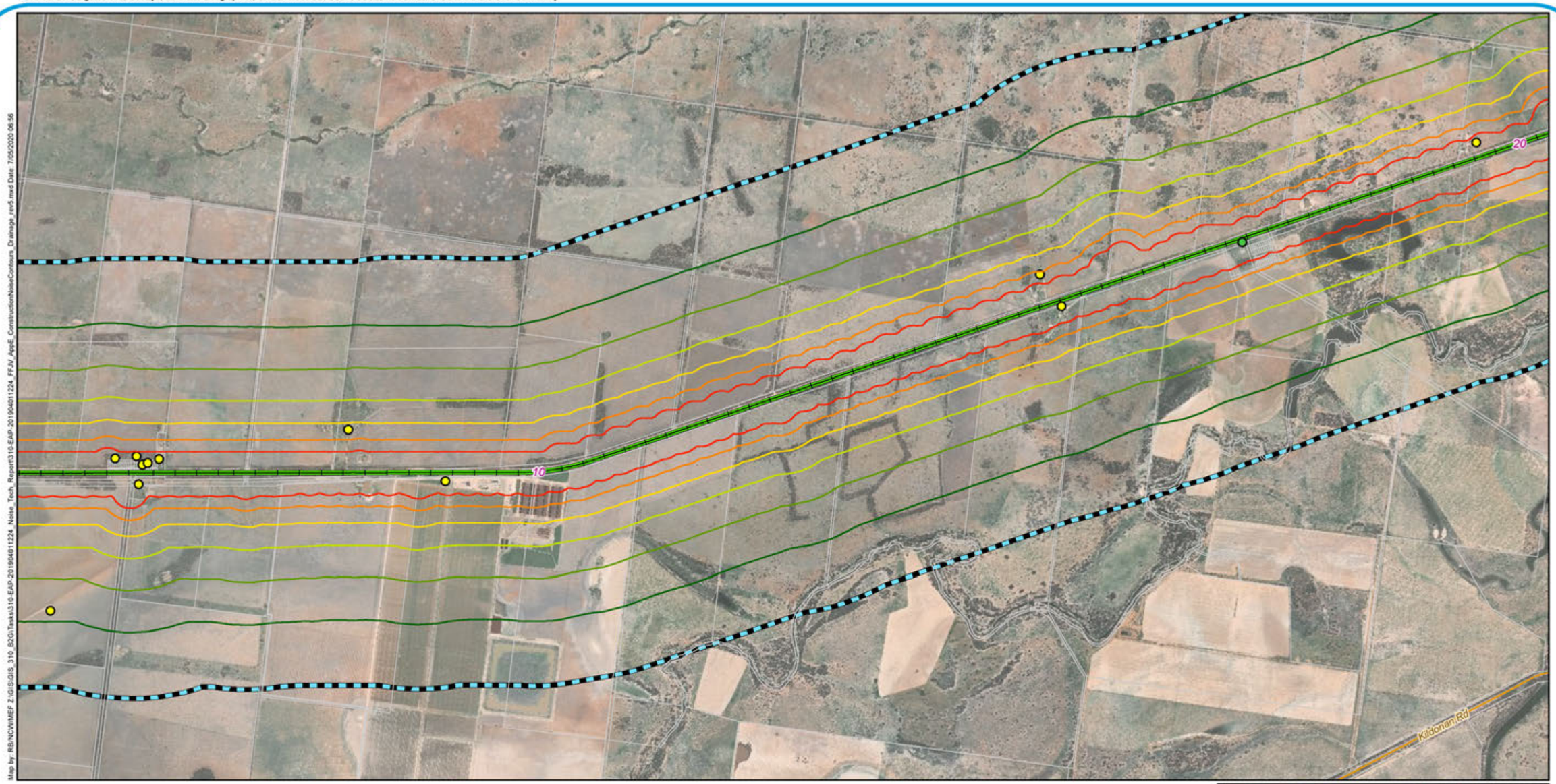
Border to Gowrie
Appendix E2: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

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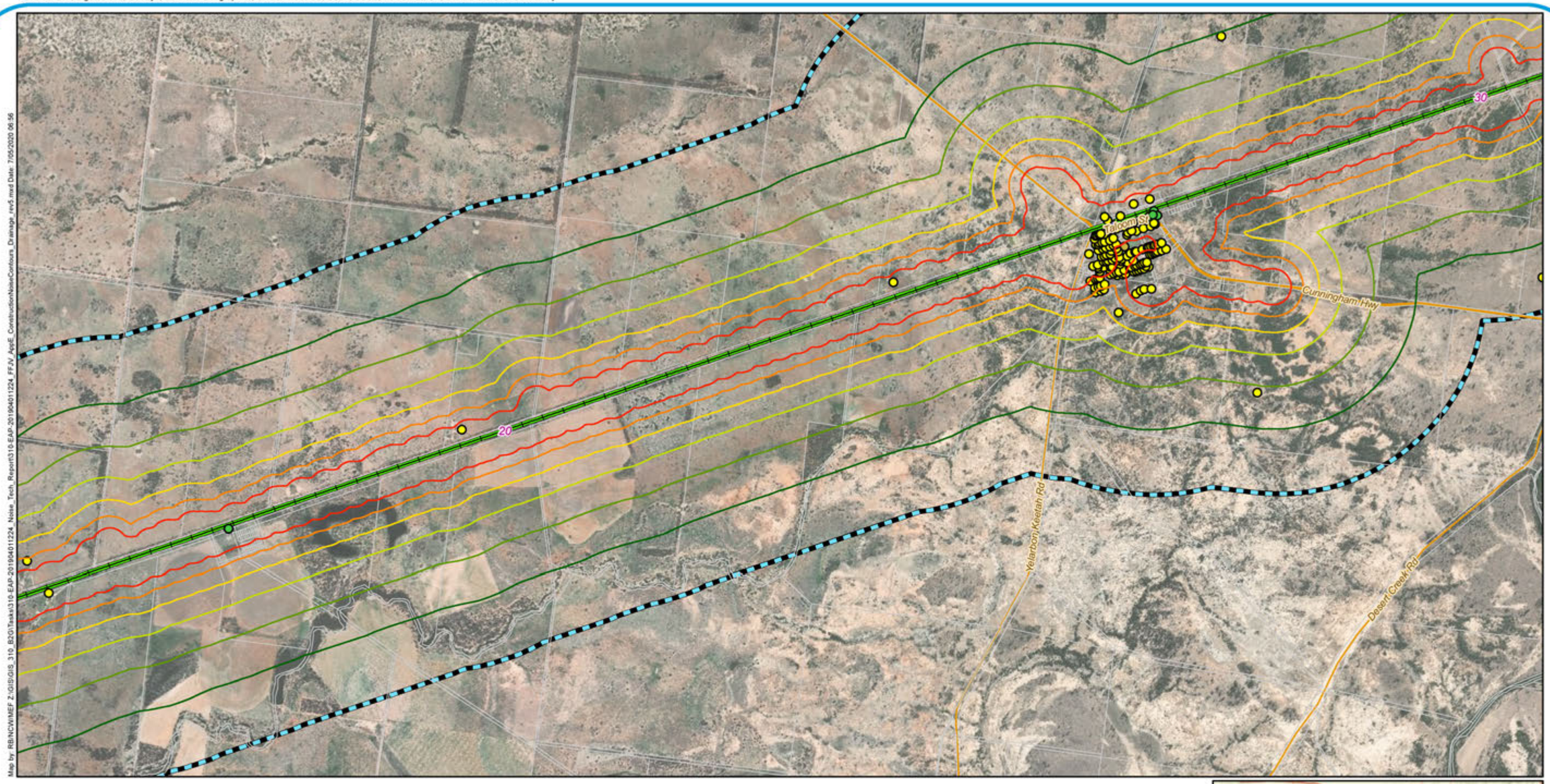
Border to Gowrie
Appendix E3: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by RB/NCW/MEF Z:\GIS\GIS_310_B2G\Tasks\310-EAP-20190401\224_Noise_Tech_Report\310-EAP-20190401\224_FFJV_ApdE_ConstructionNoiseContours_Drainage_rev5.mxd Date: 7/05/2020 06:56

Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

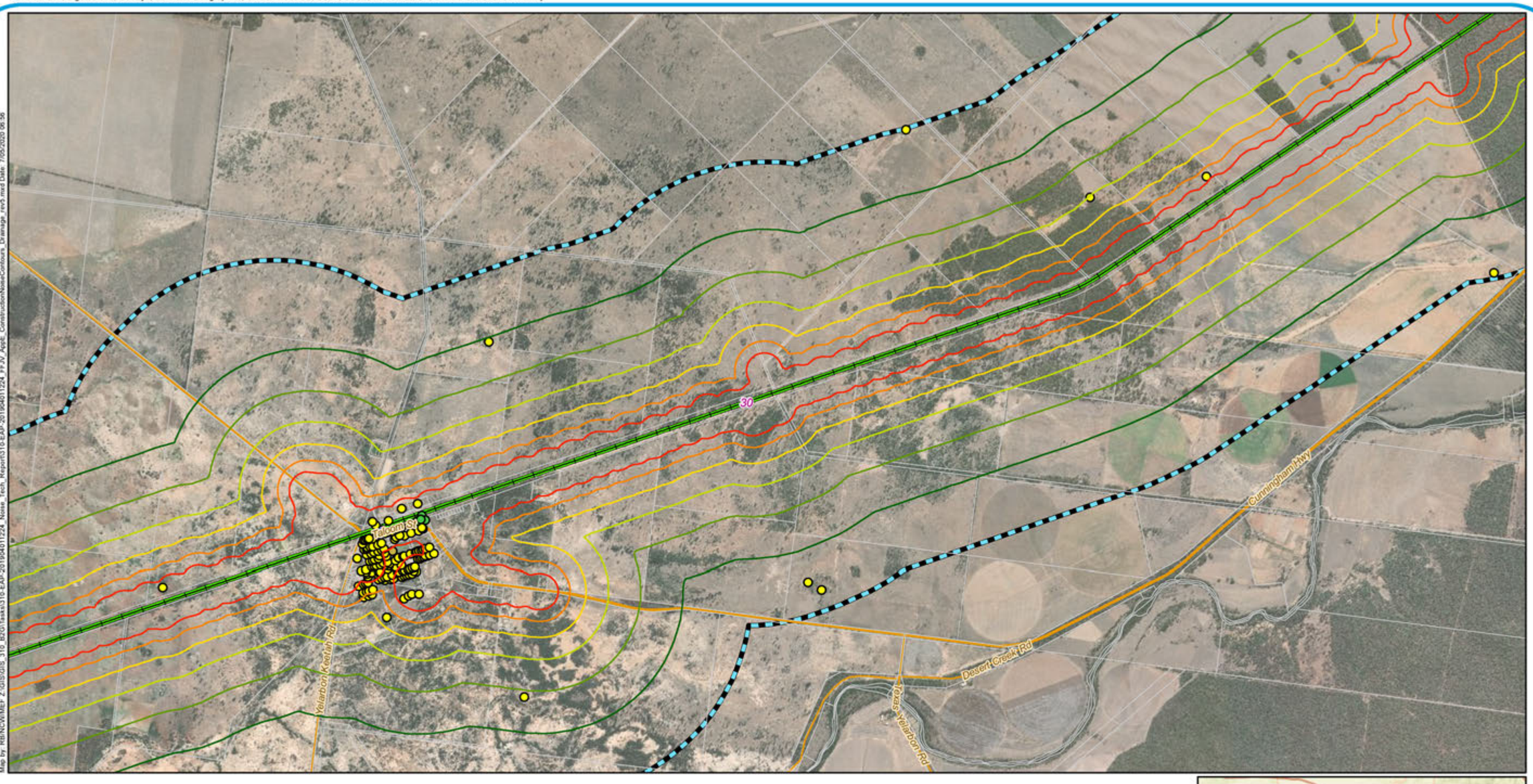
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E4: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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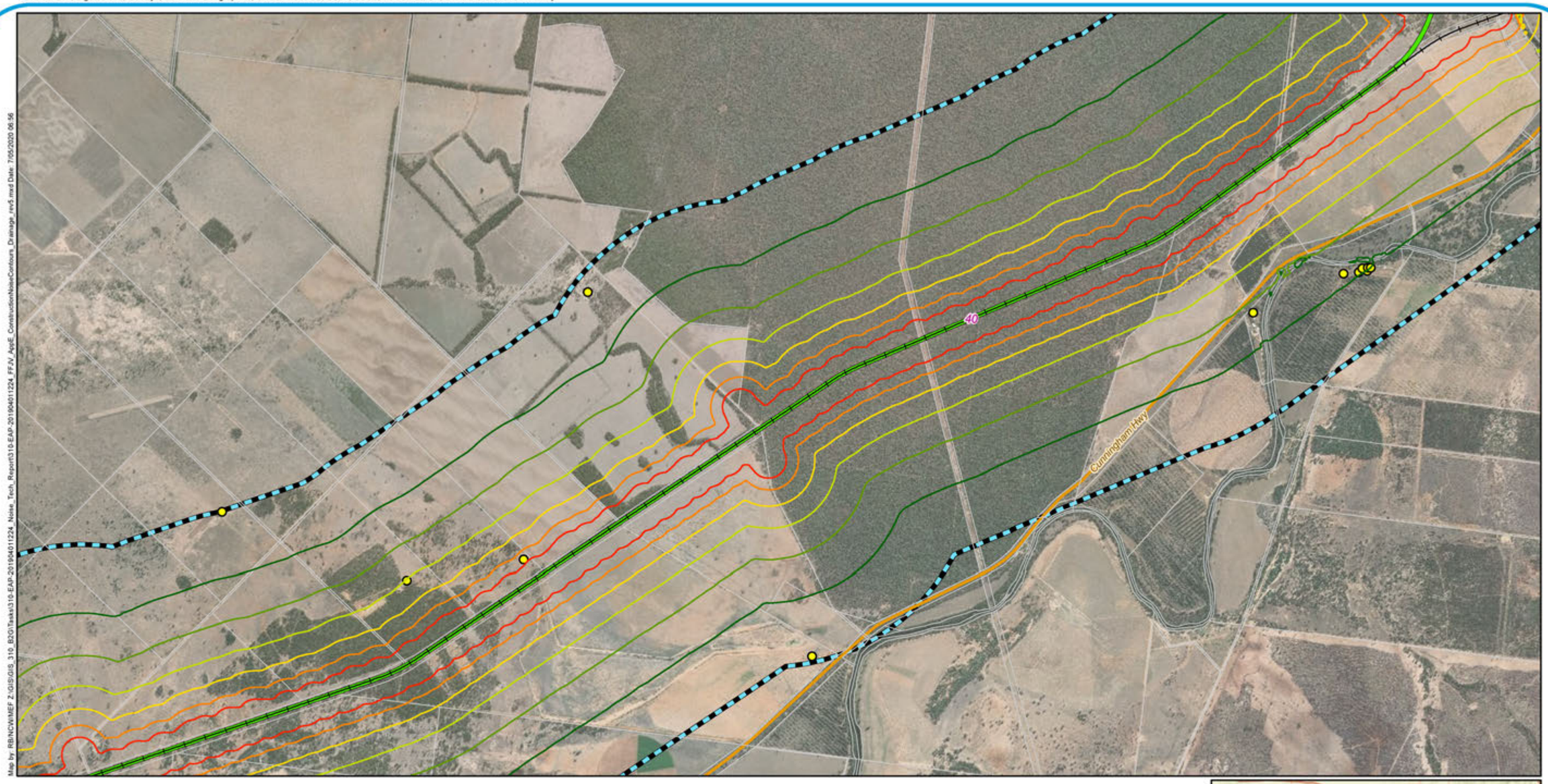
Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie
Appendix E5: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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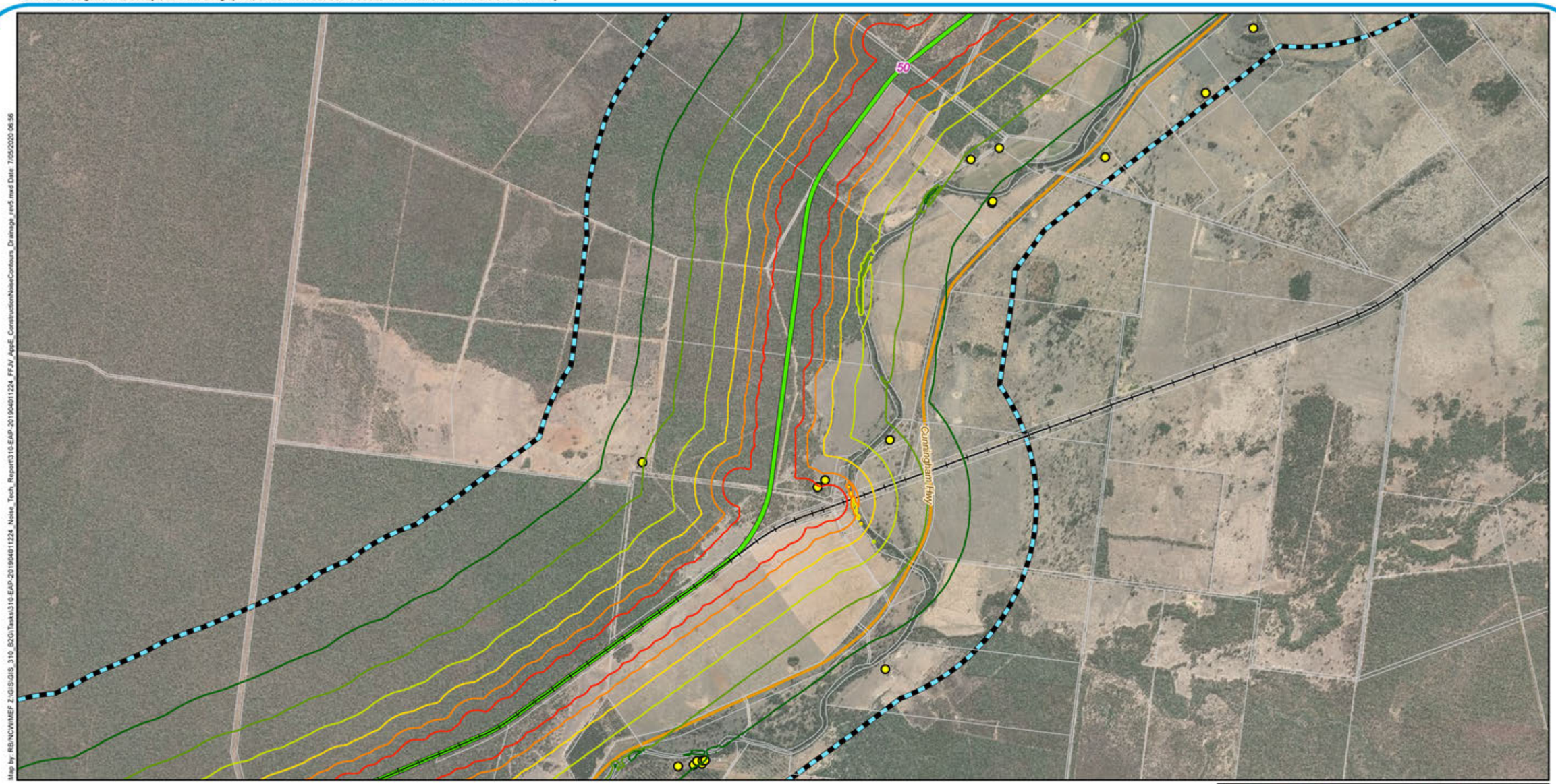
Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E6: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

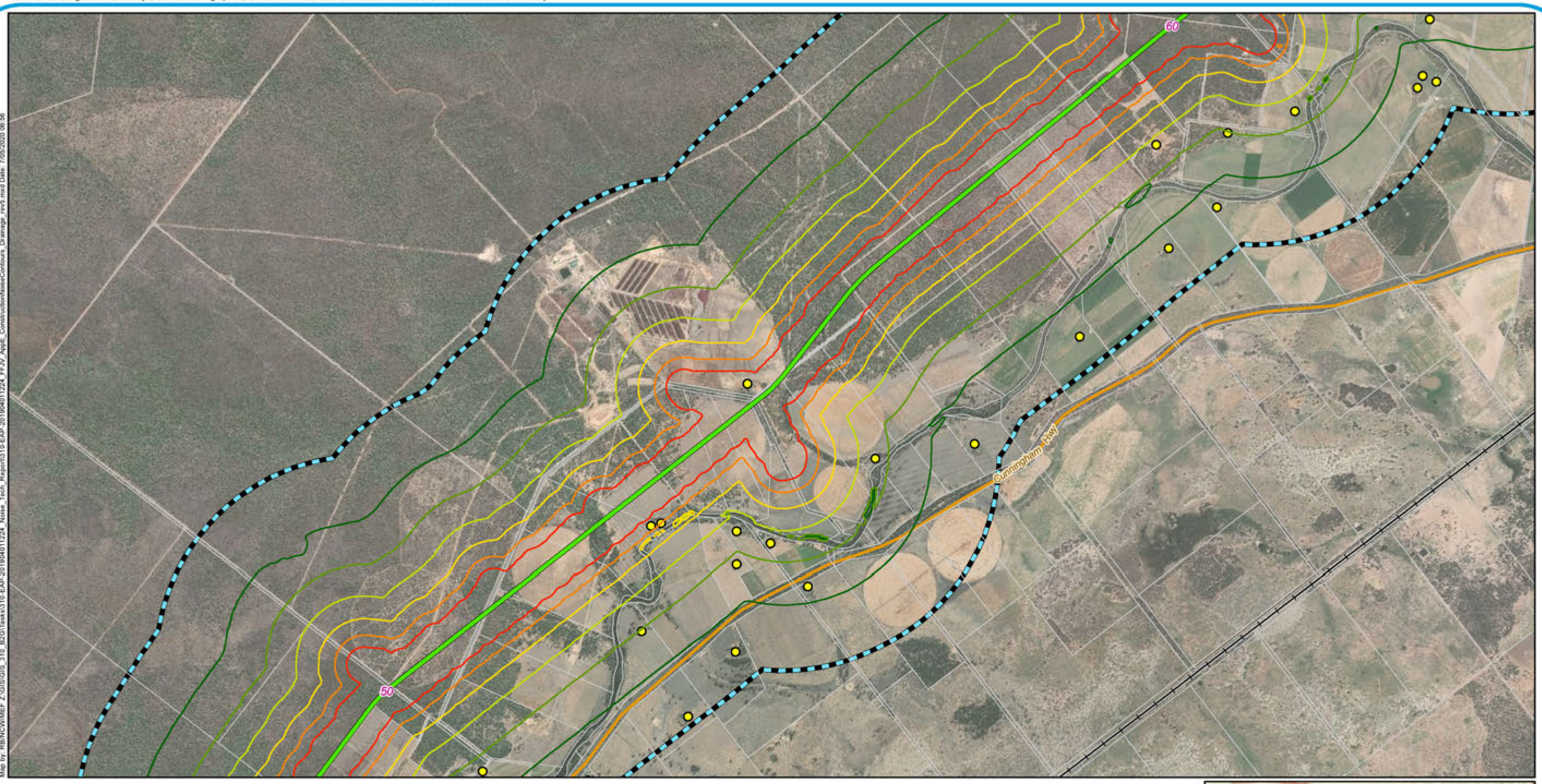
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E7: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

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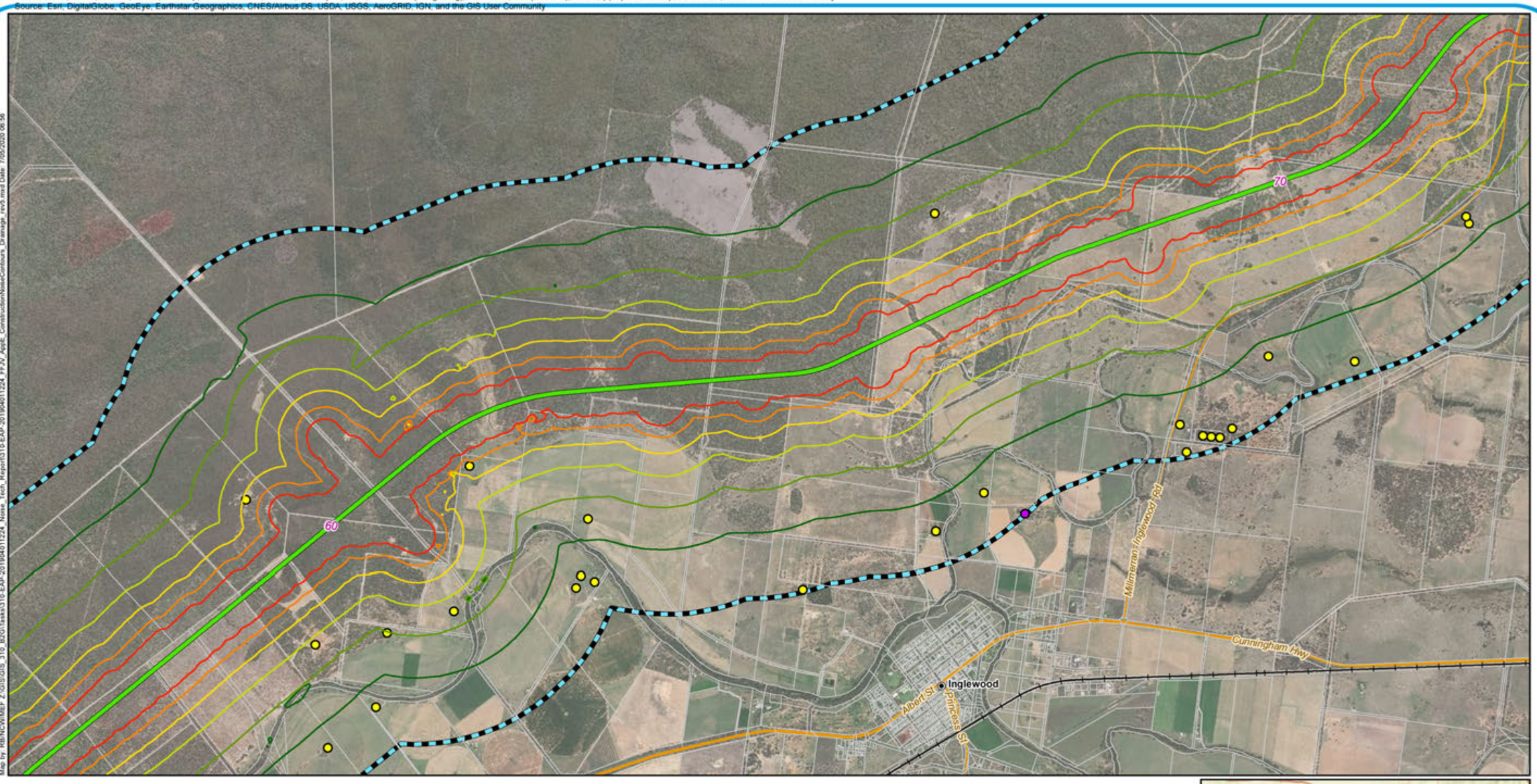
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E8: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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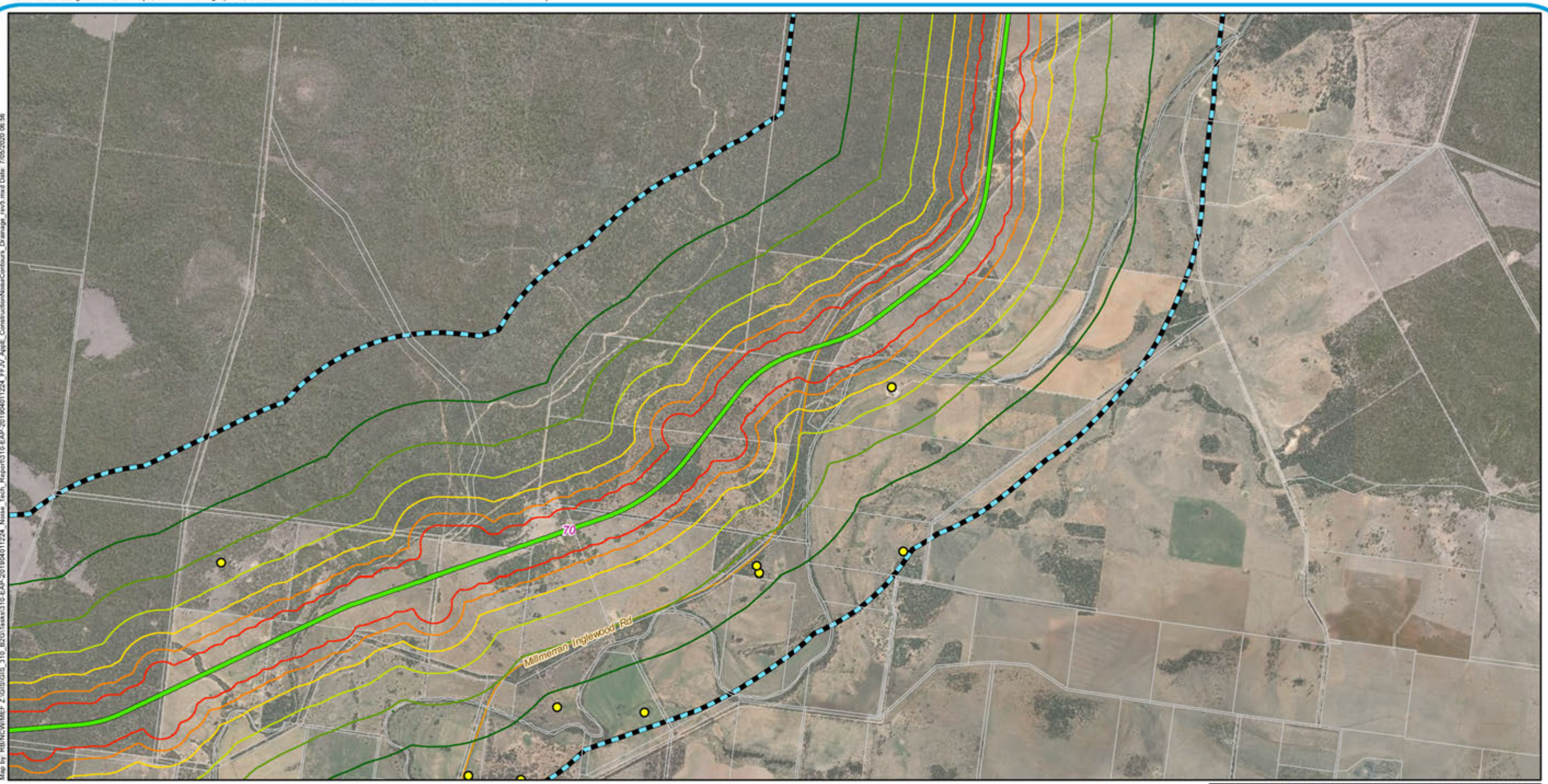
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E9: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

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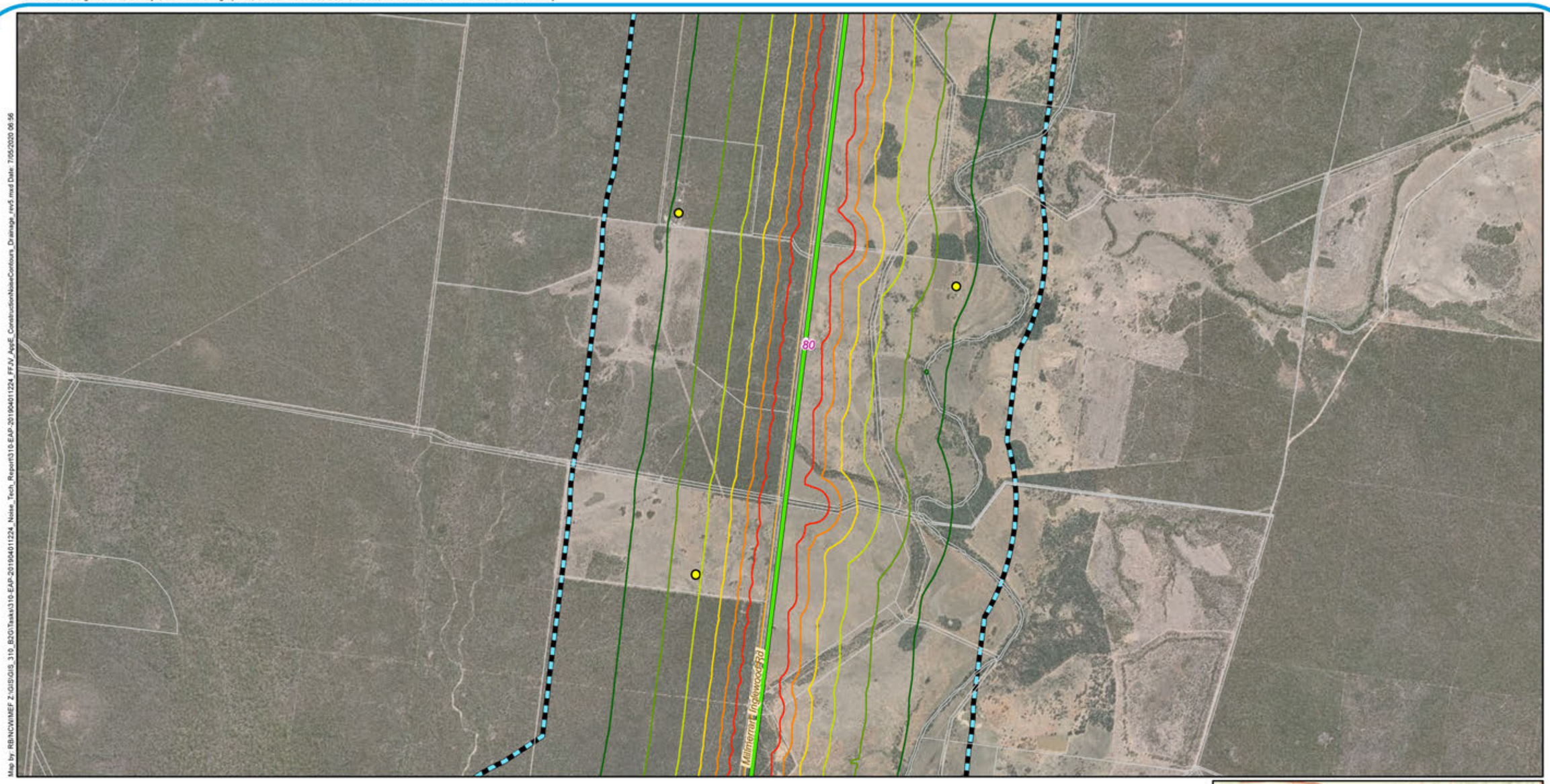
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E10: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

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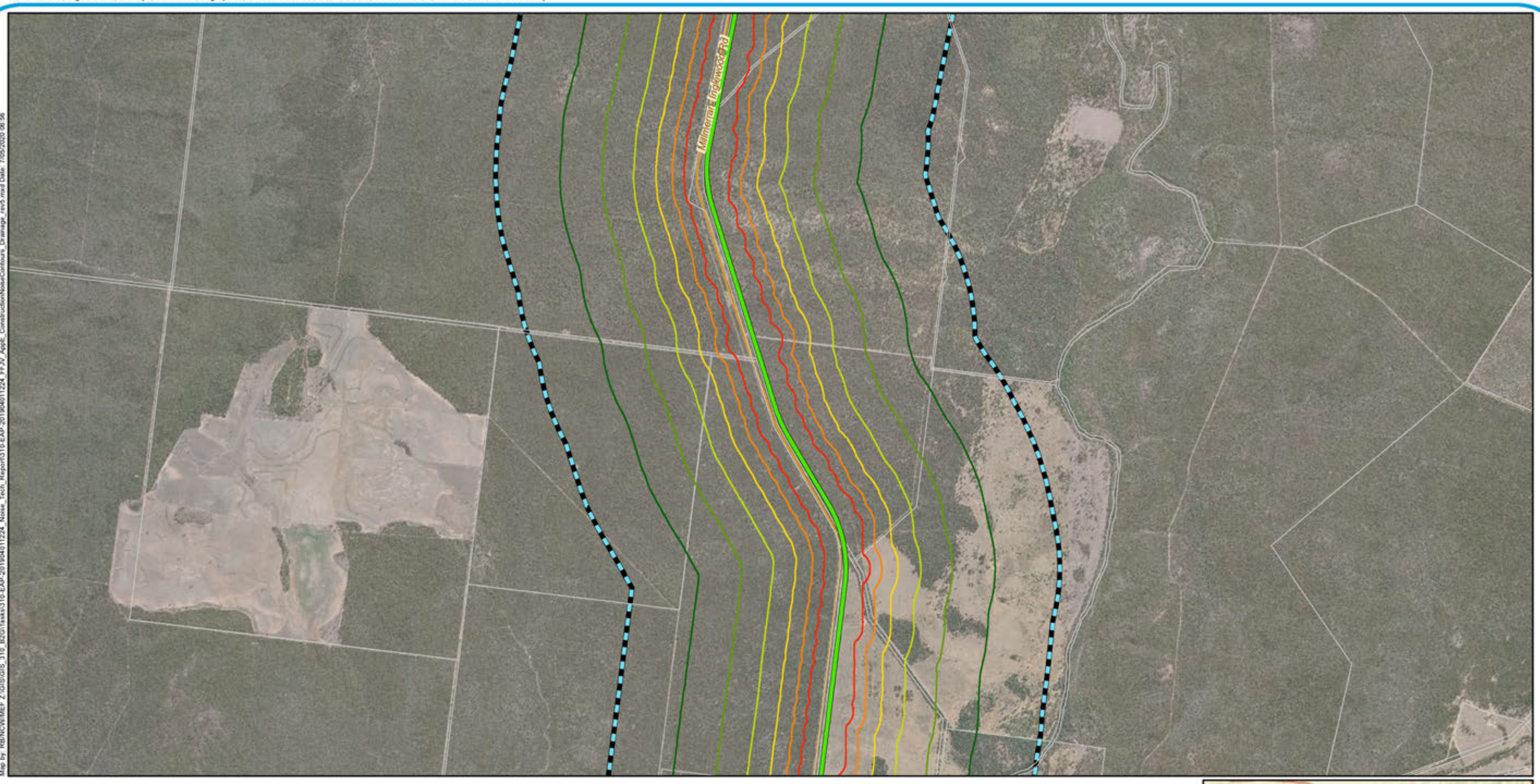
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie
Appendix E11: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

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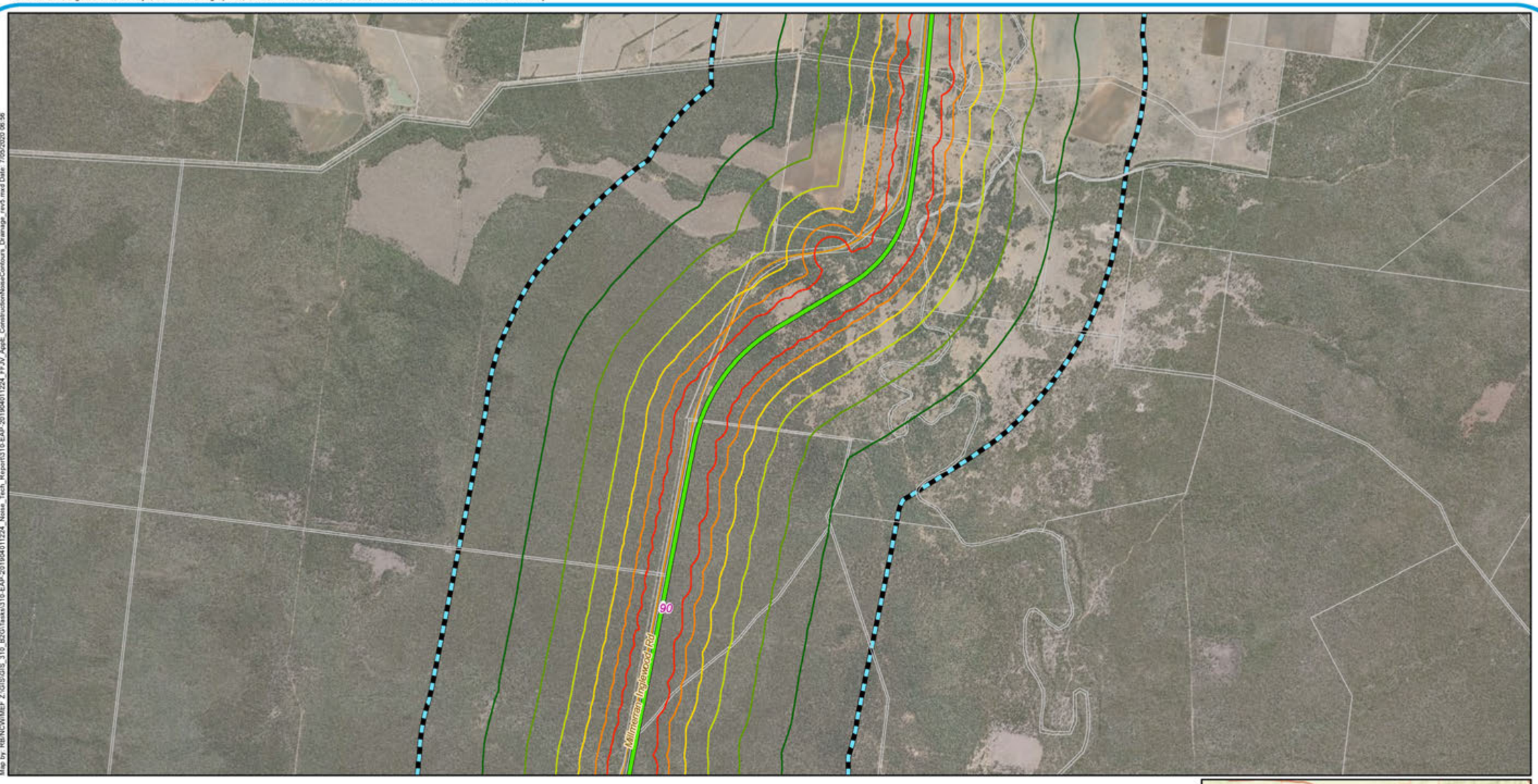
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie
Appendix E12: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

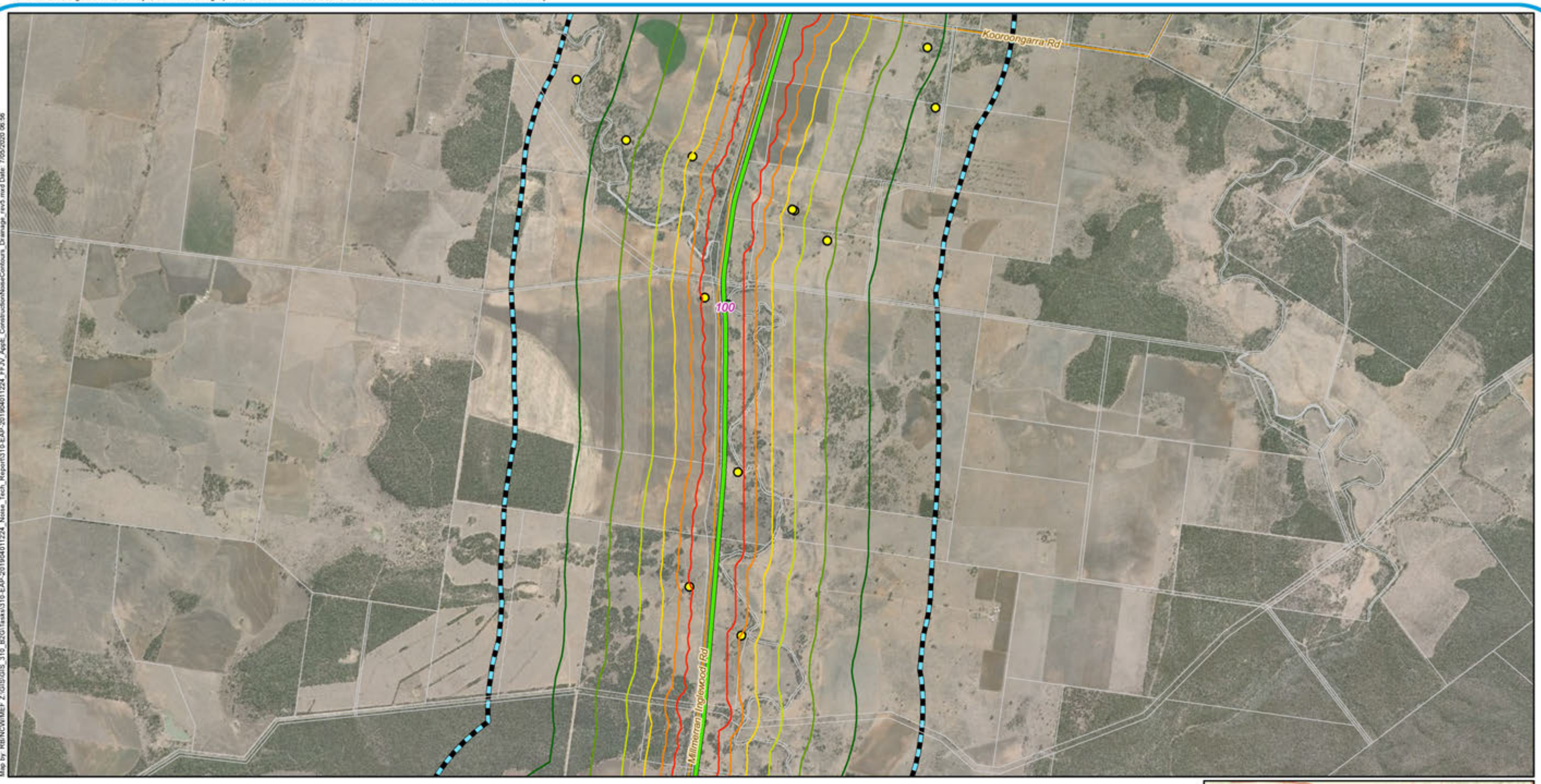
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E13: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

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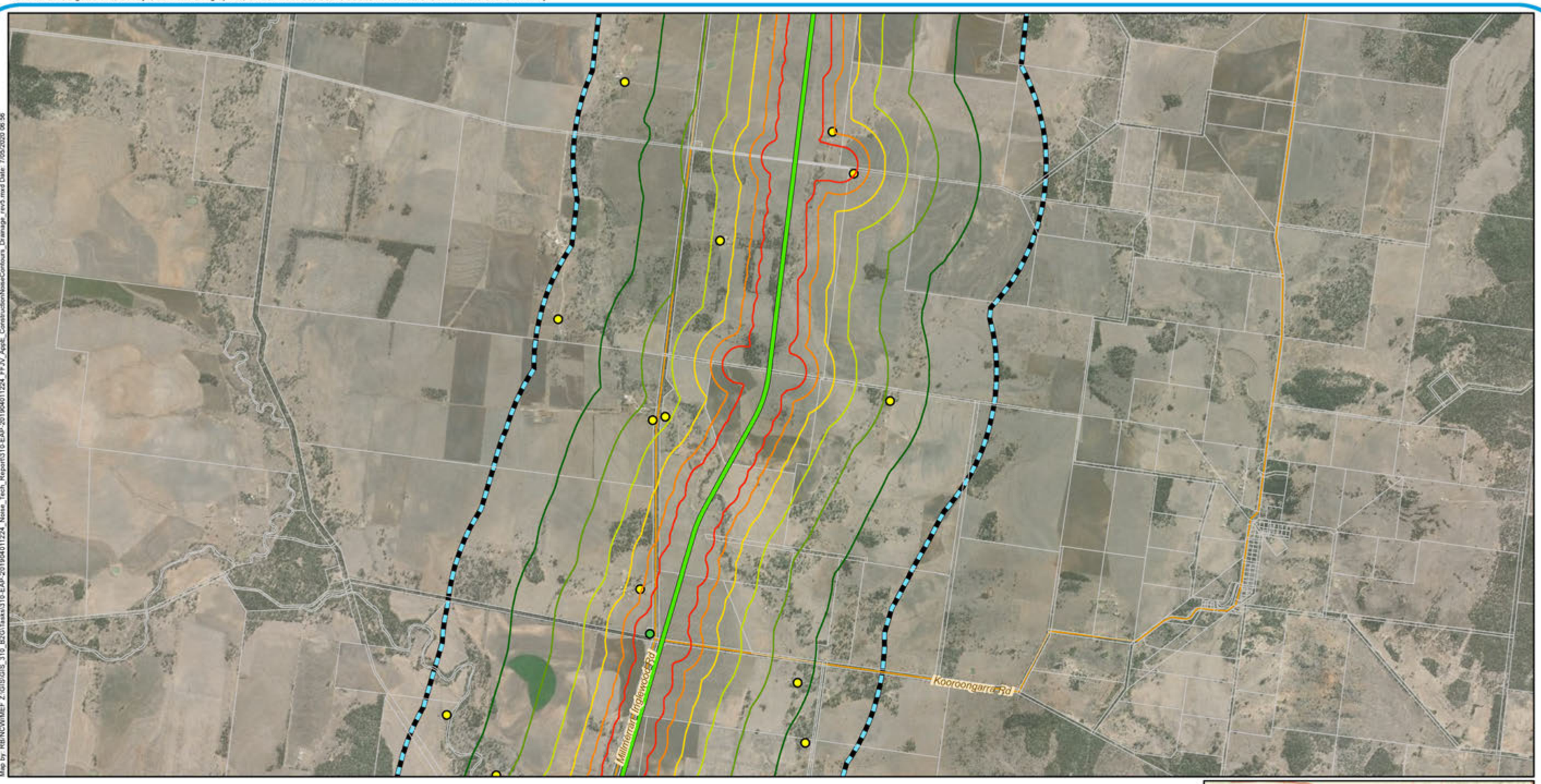
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E14: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

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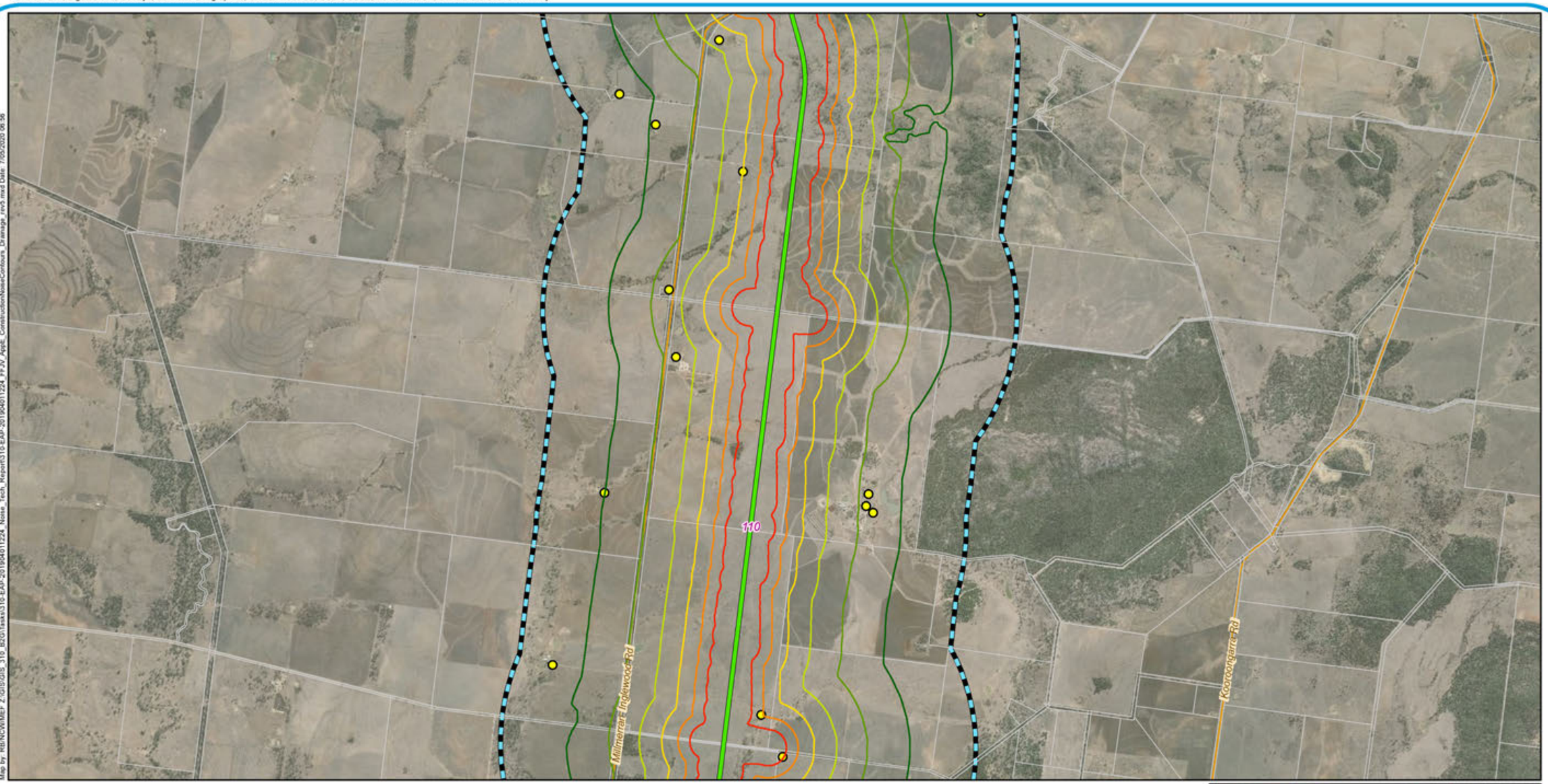
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie
Appendix E15: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
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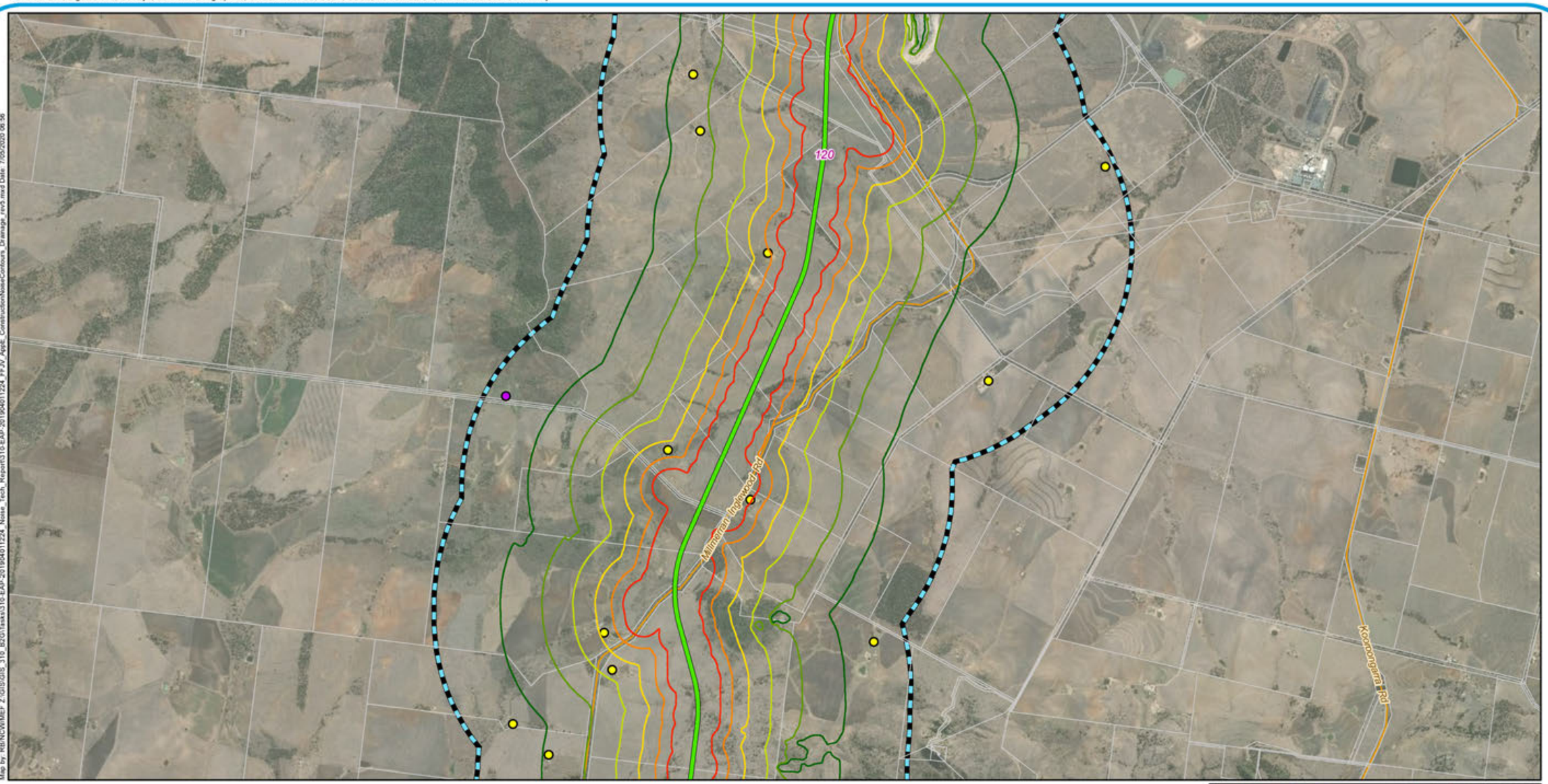
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E16: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

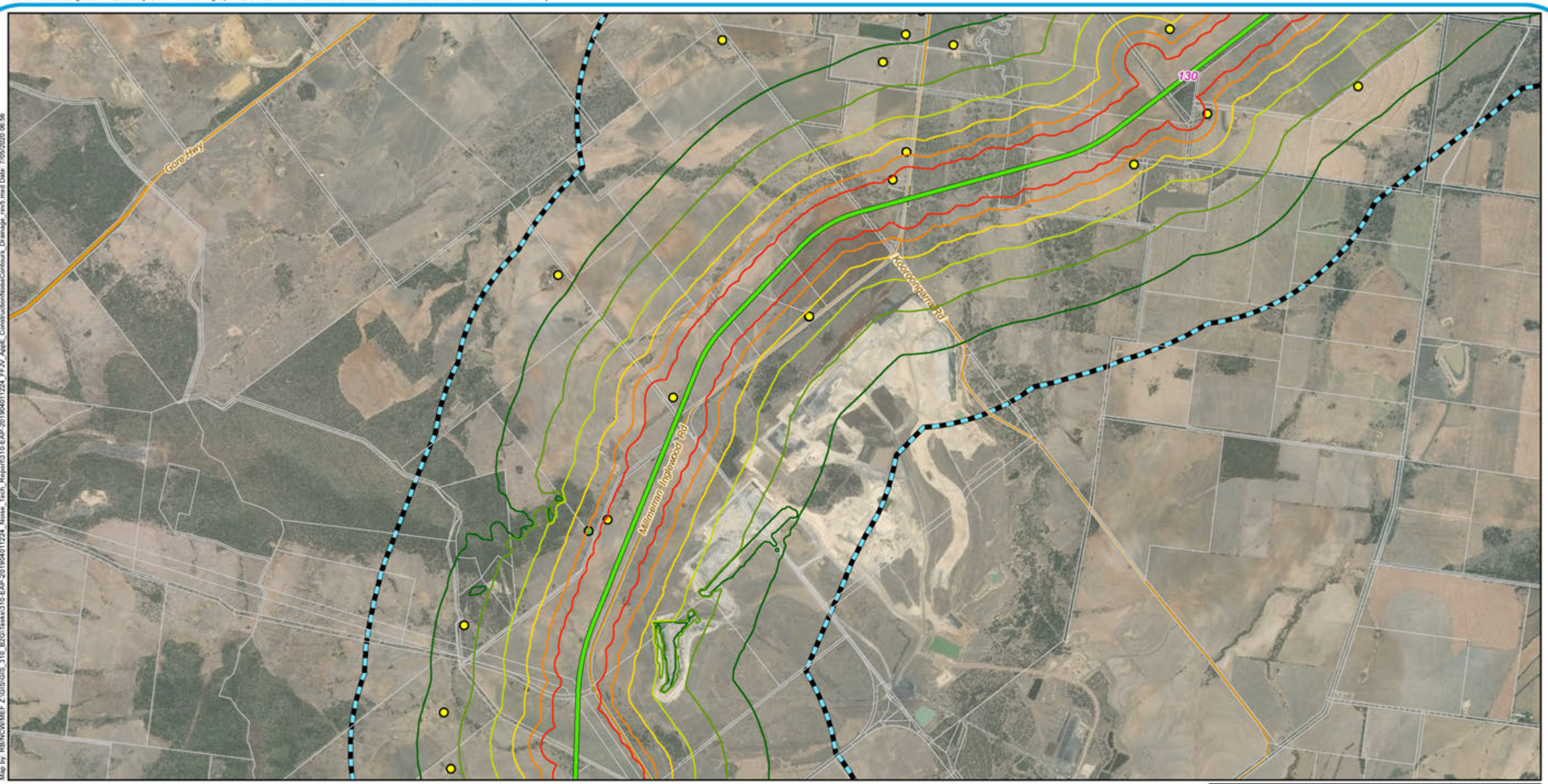
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E17: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



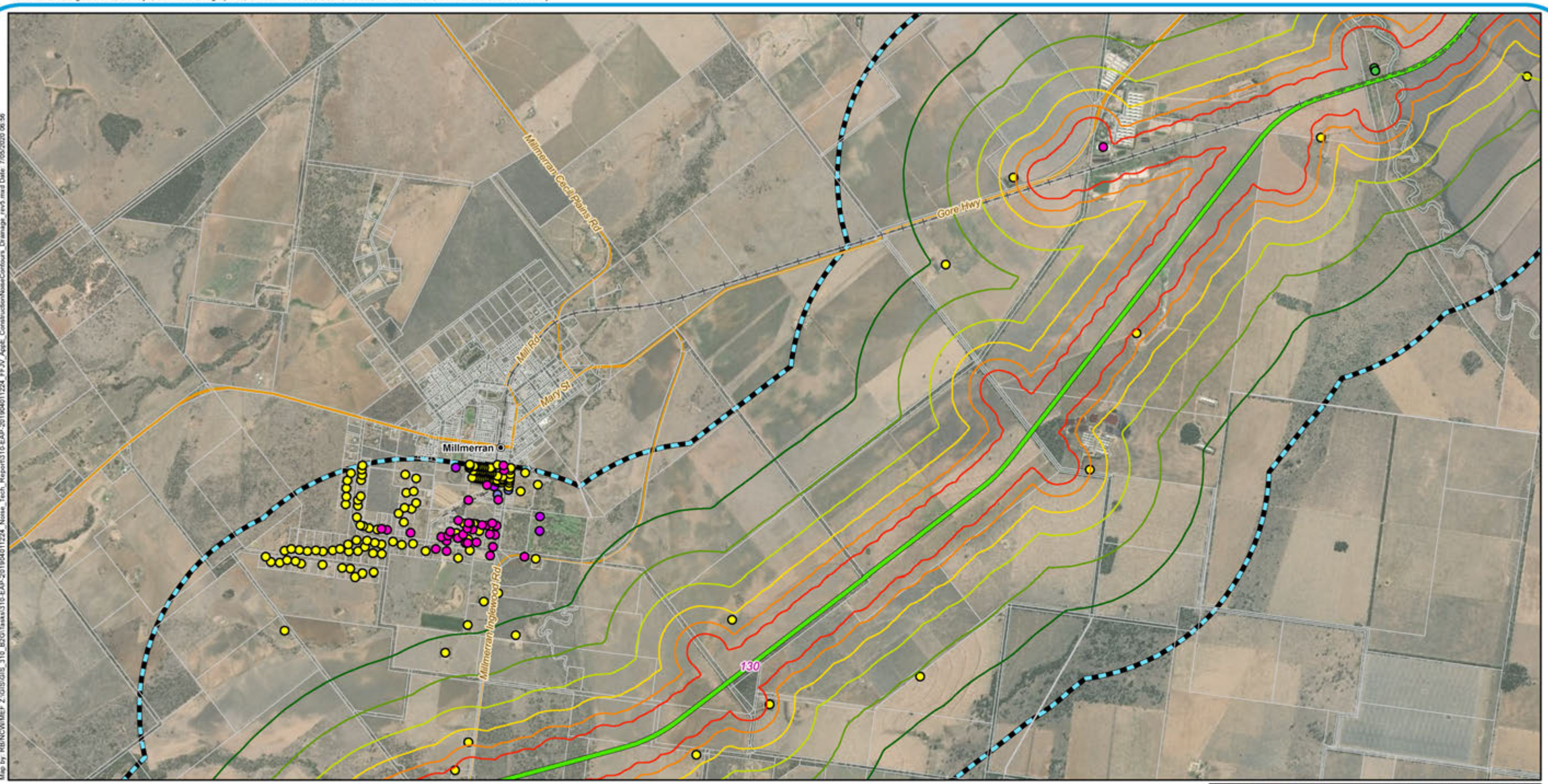
A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie
Appendix E18: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: RB/NCW/MEF Z:\GIS\GIS_310_B2G\Tasks\310-EAP-20190401224_Noise_Tech_Report\310-EAP-20190401224_FFJV_ApdE_ConstructionNoiseContours_Drainage_rev5.mxd Date: 7/05/2020 06:56

Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (non-operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

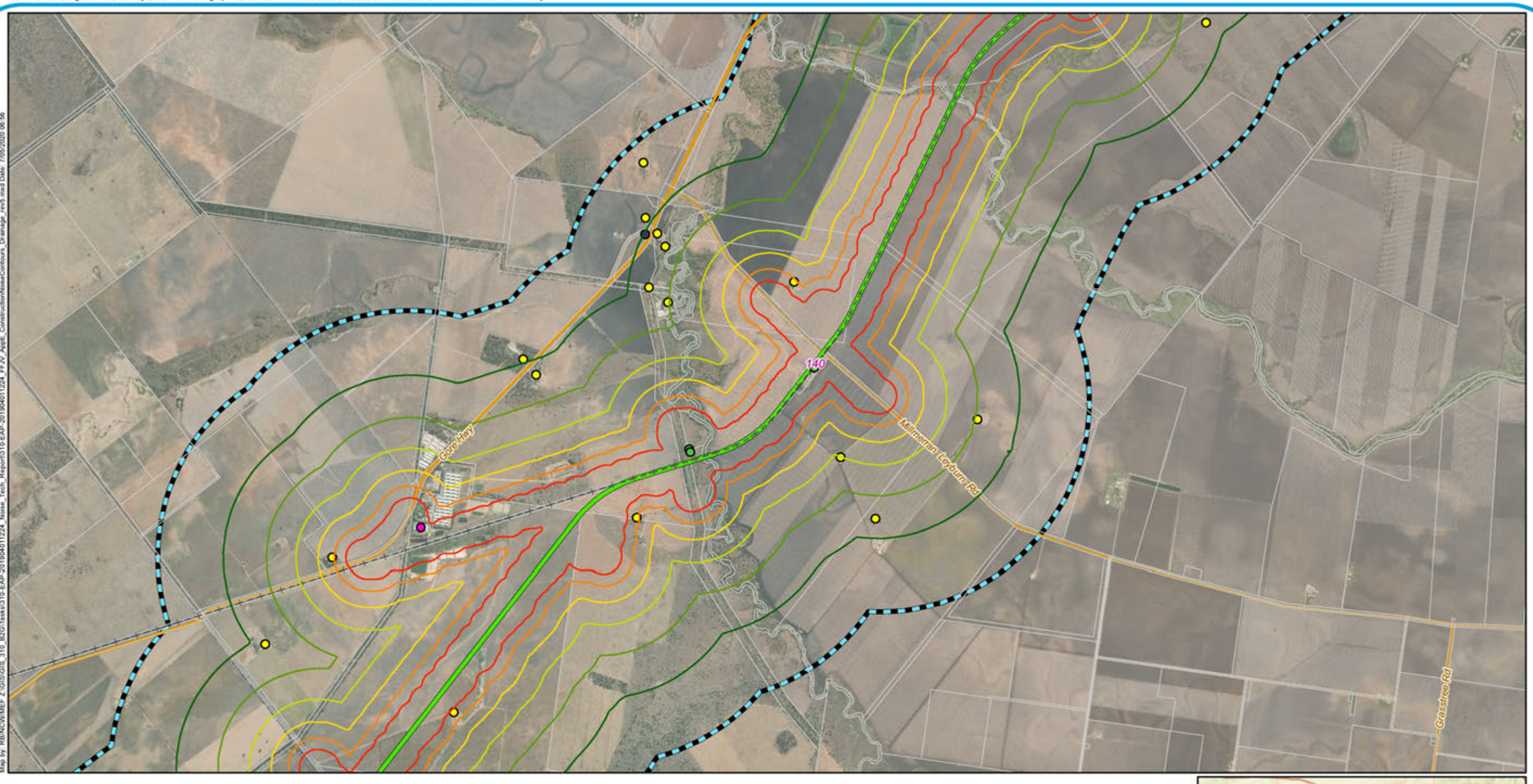
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E19: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (non-operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

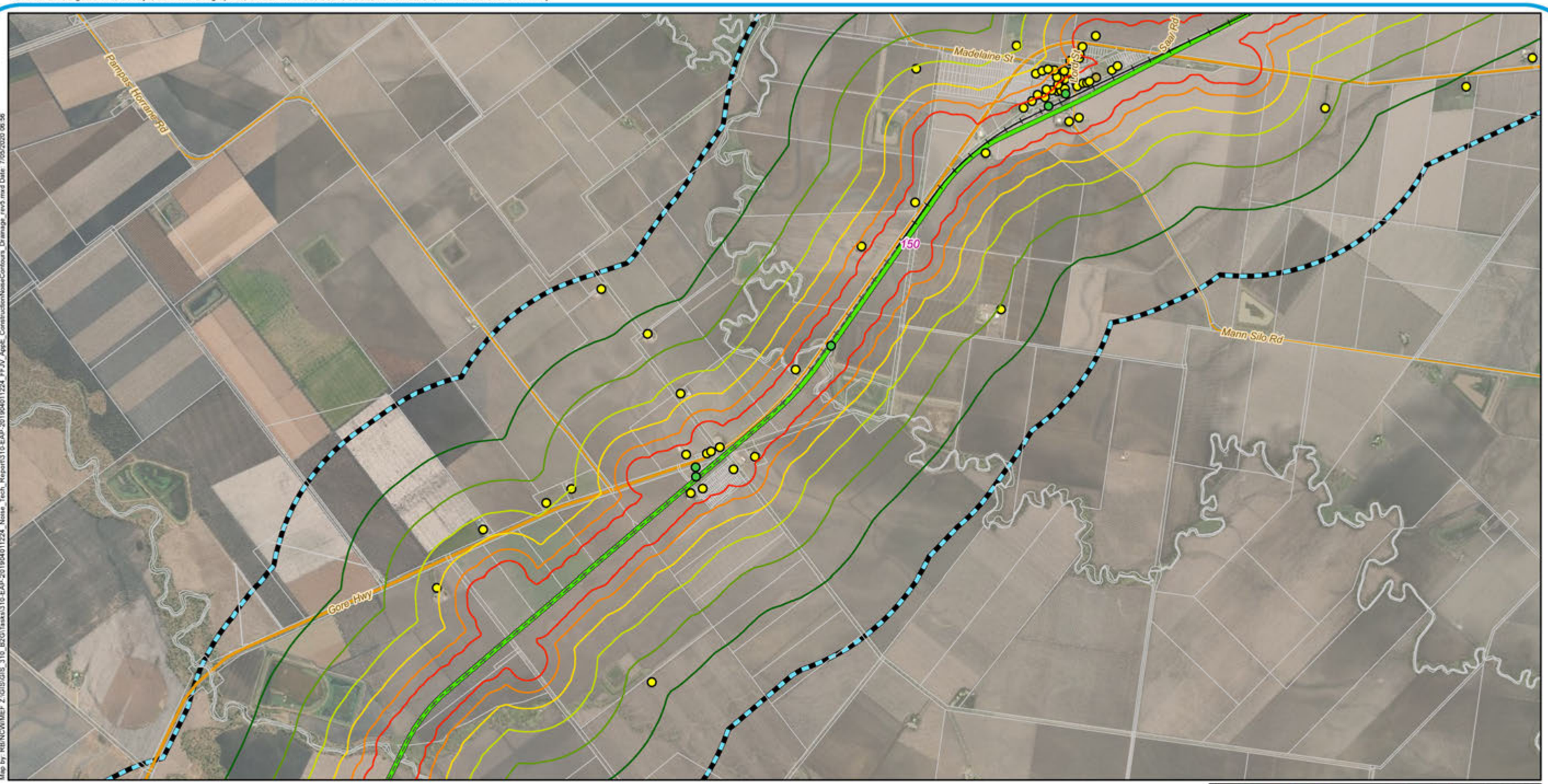
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E20: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Existing rail (non-operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

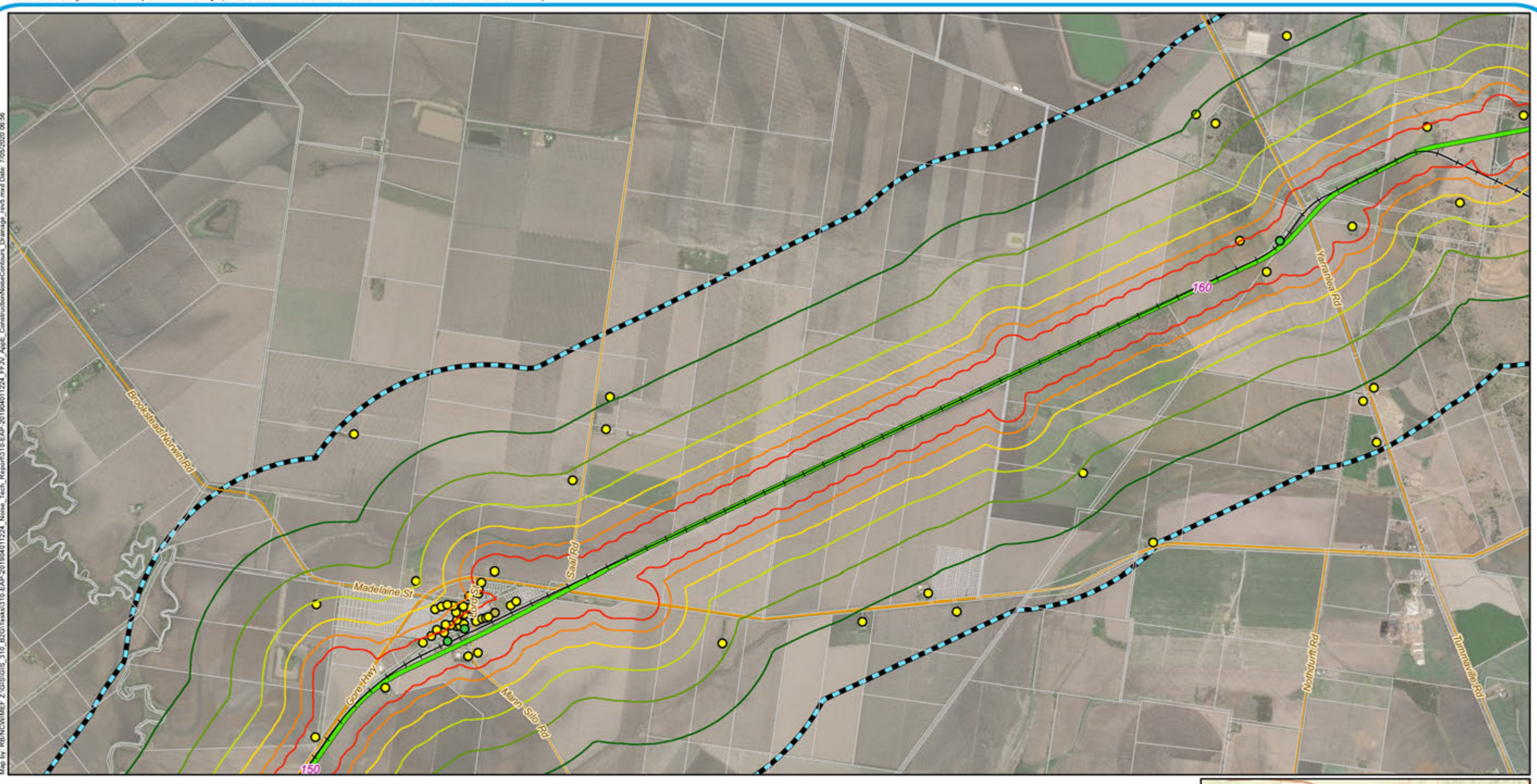
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E21: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

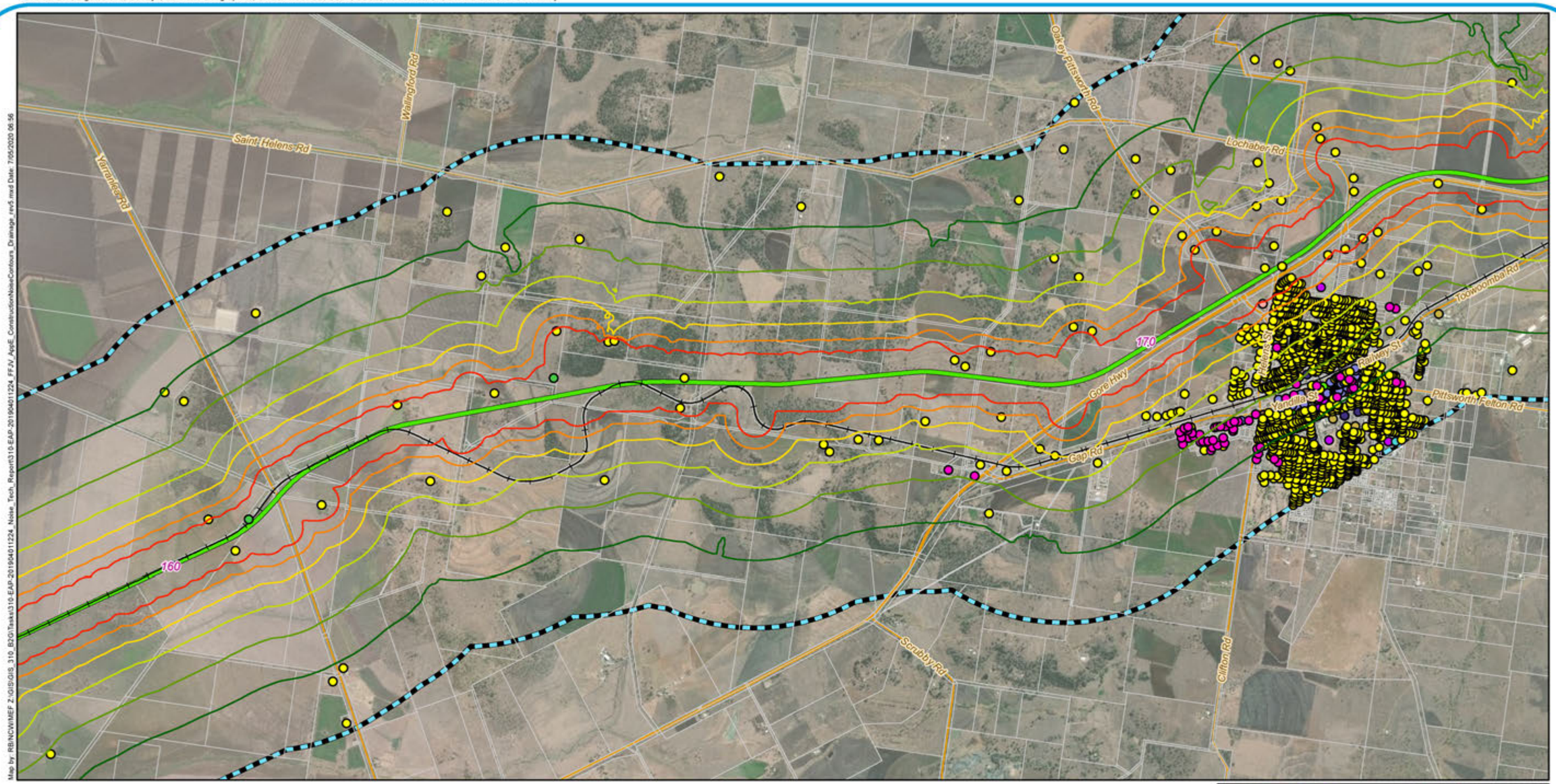
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E22: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

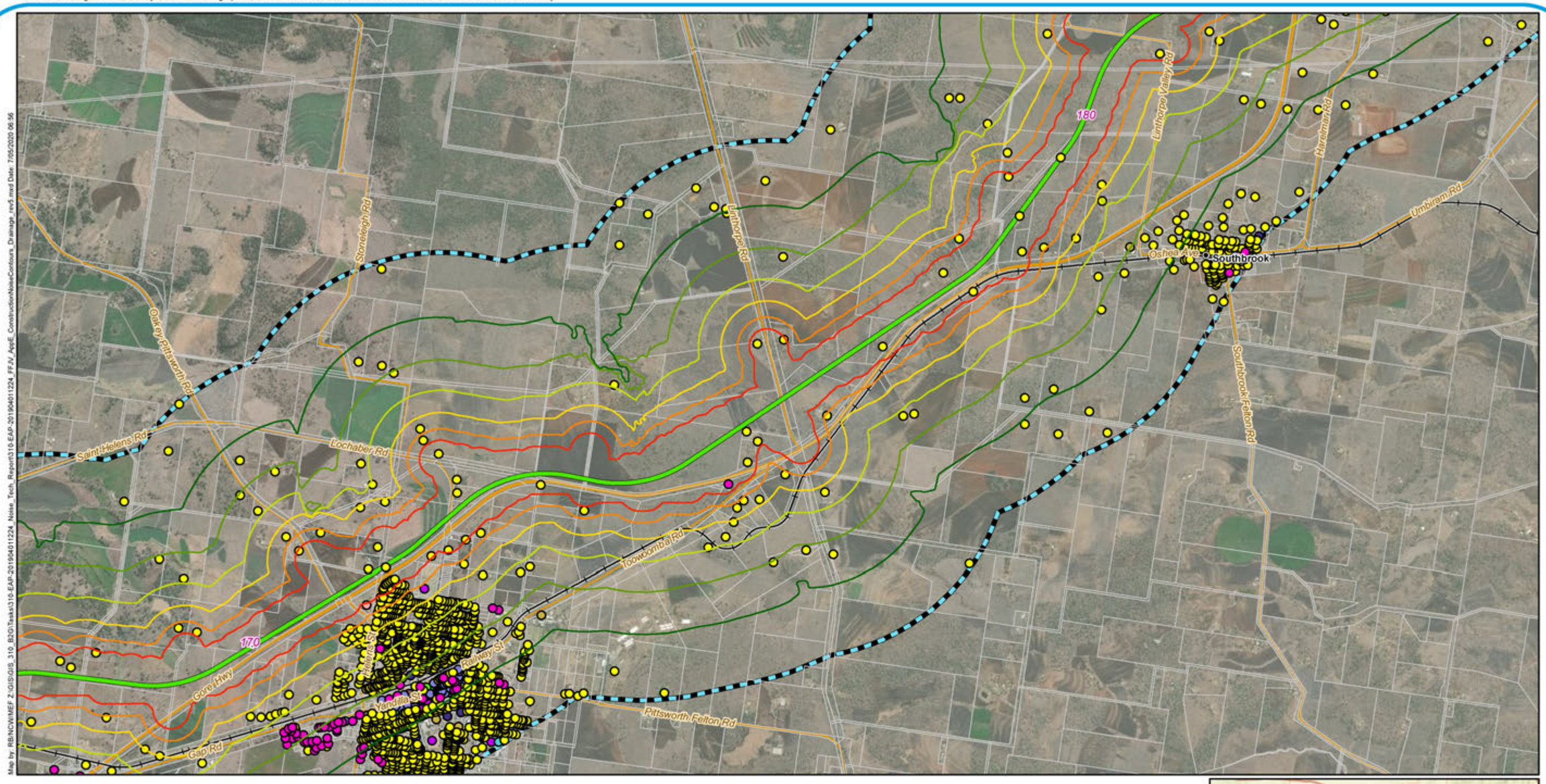
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E23: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E24: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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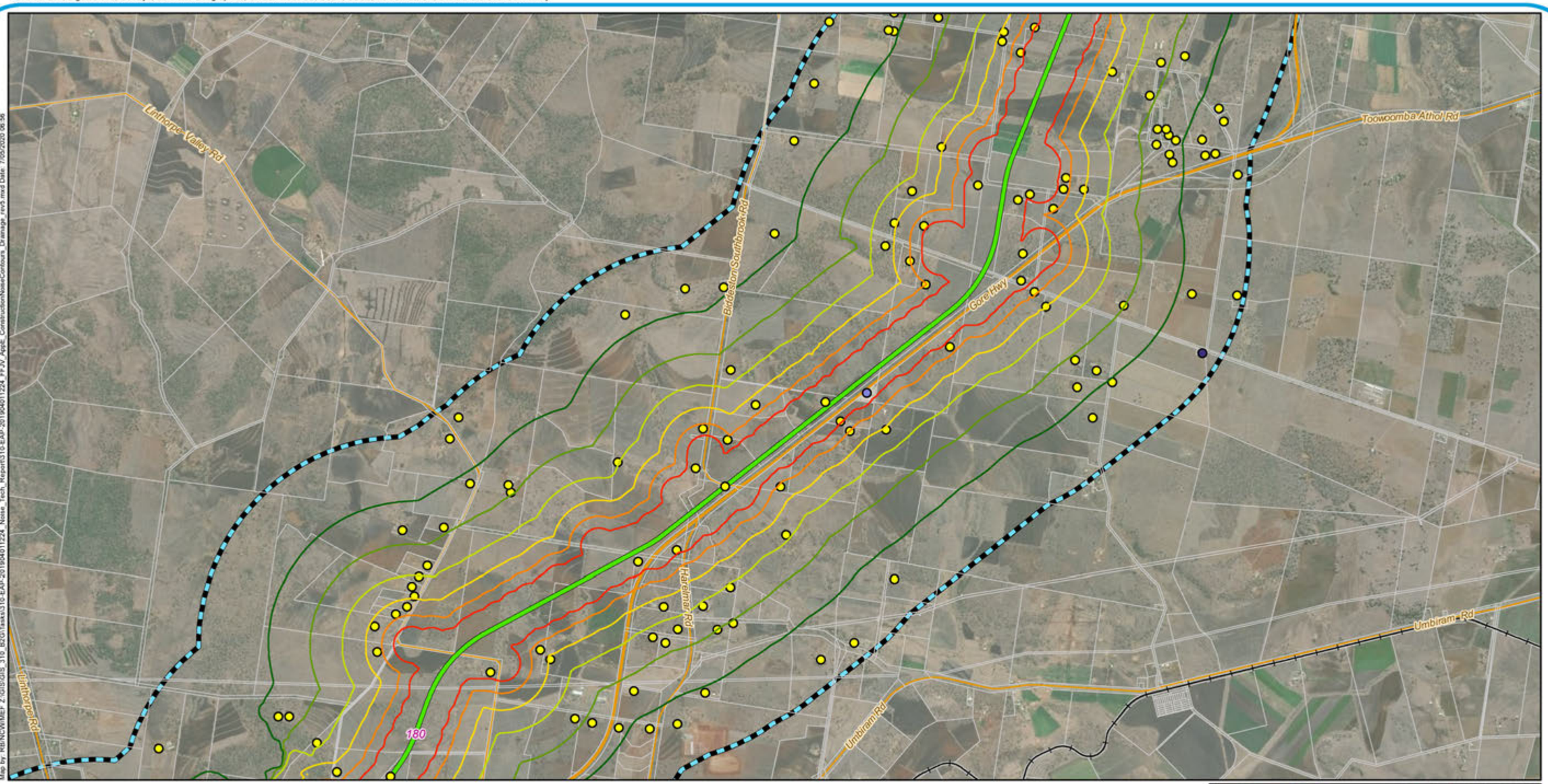

Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E25: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

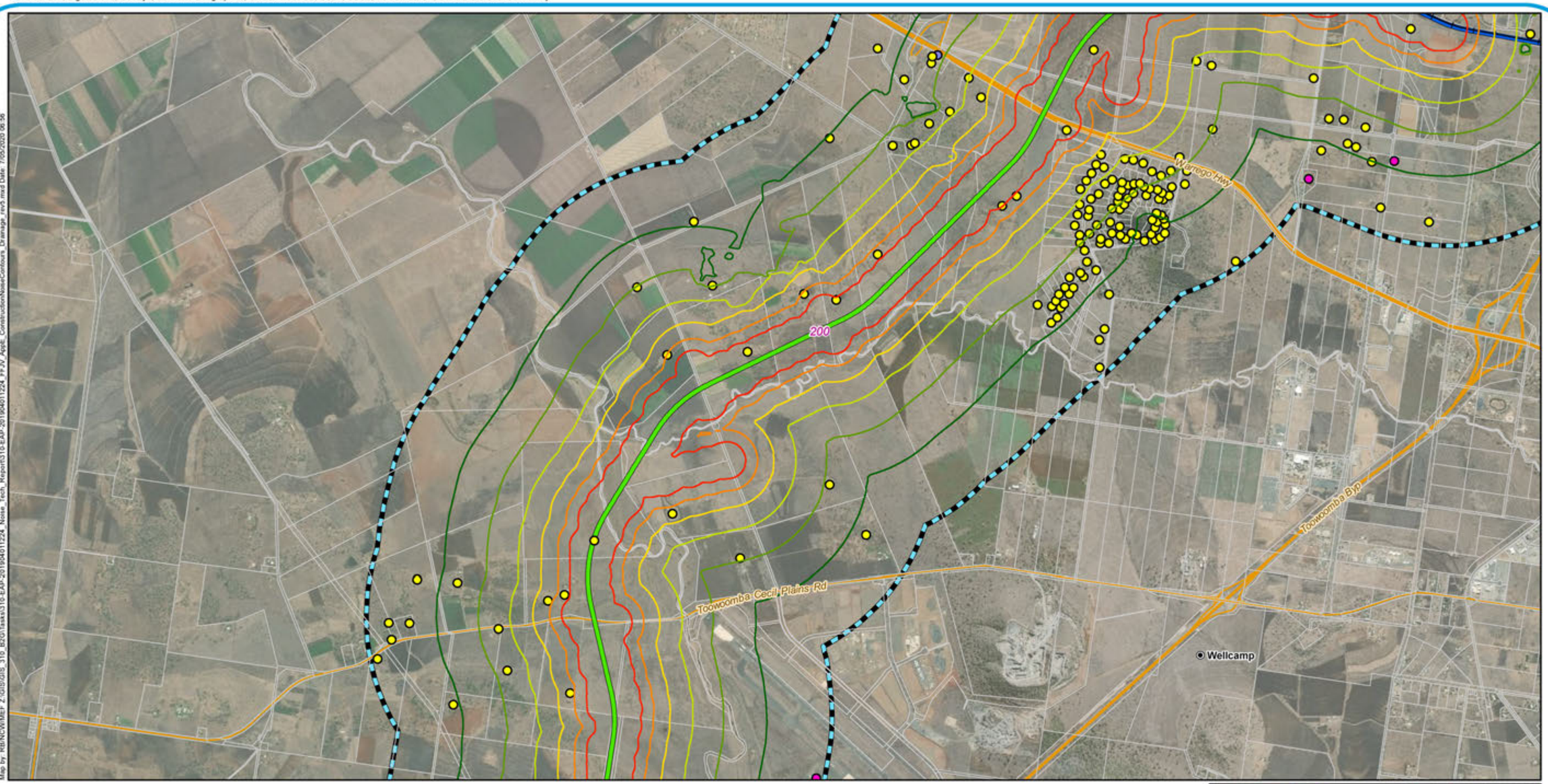
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E26: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Gowrie to Helidon alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

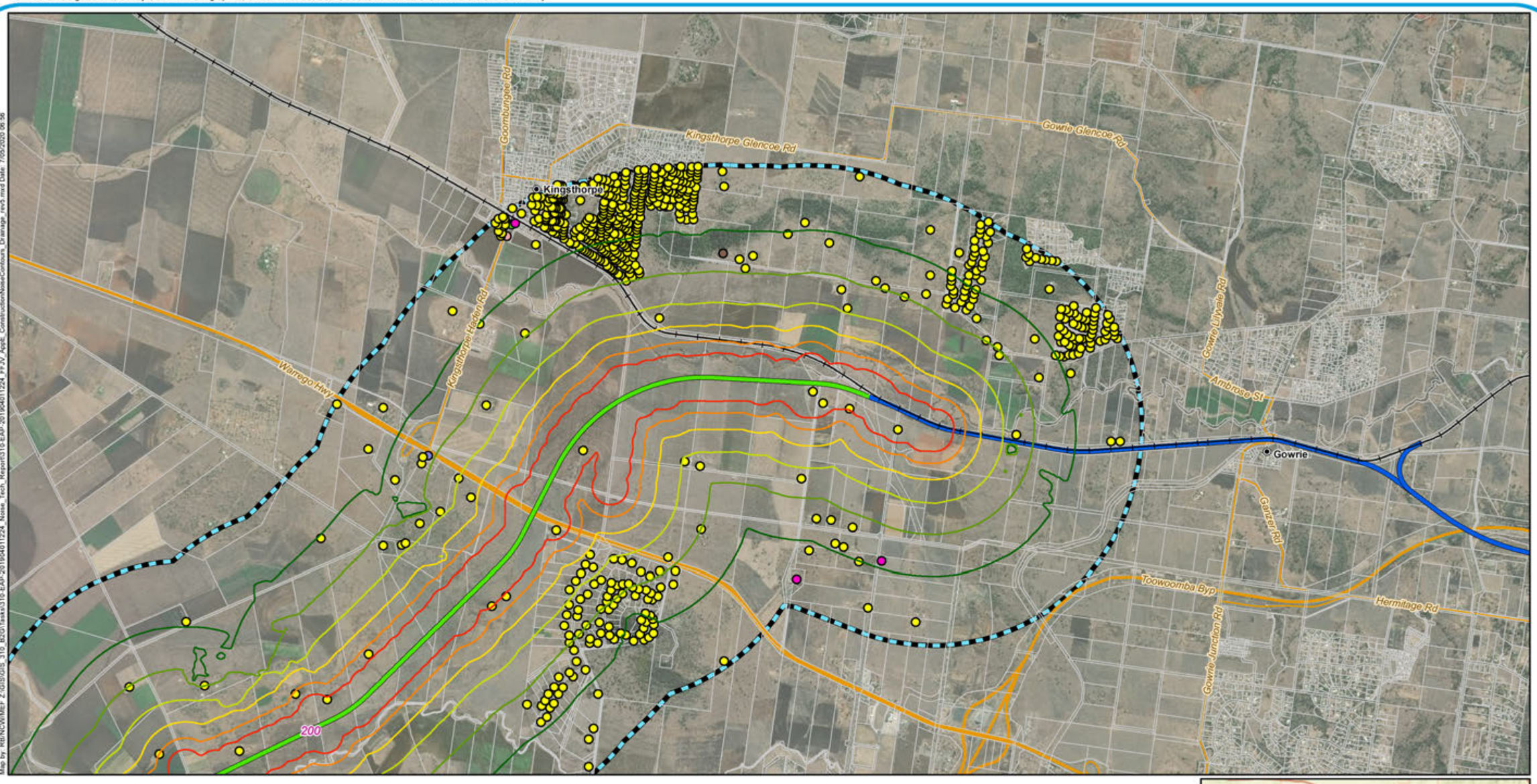
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E27: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Gowrie to Helidon alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

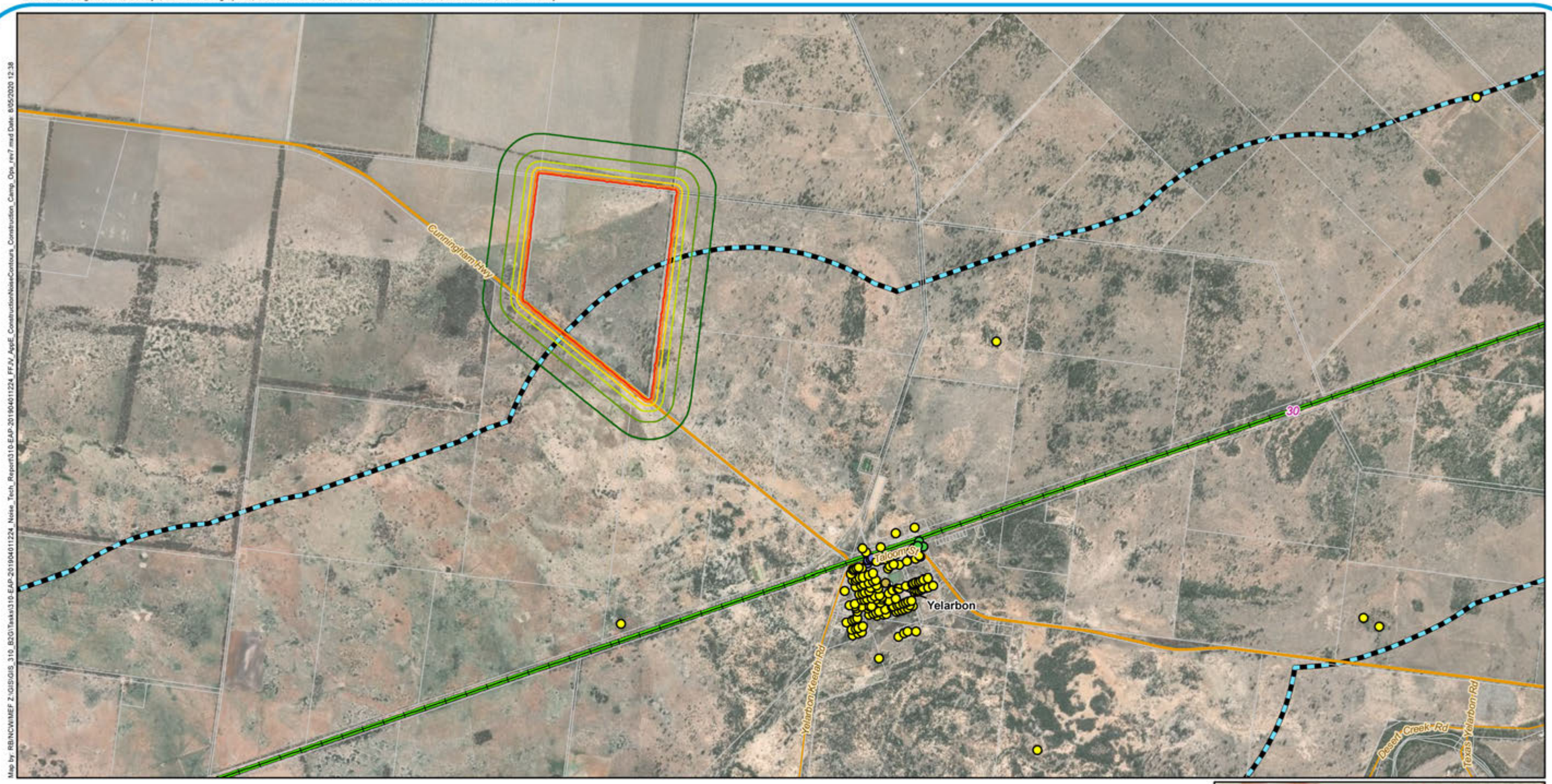
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 5
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E28: Construction noise contours drainage

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:35,000

0 0.25 0.5 0.75 1 1.25km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 7
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E1: Construction noise contours construction camp operations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: RB/NCW/MEP Z:\GIS\GIS_310_B2G\Tasks\310-EAP-20190401224_Noise_Tech_Report\310-EAP-20190401224_FFJV_AppE_ConstructionNoiseContours_Construction_Camp_Ops_rev7.mxd Date: 8/05/2020 12:38

Legend

- 5 Chainage (km)
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:35,000

0 0.25 0.5 0.75 1 1.25km

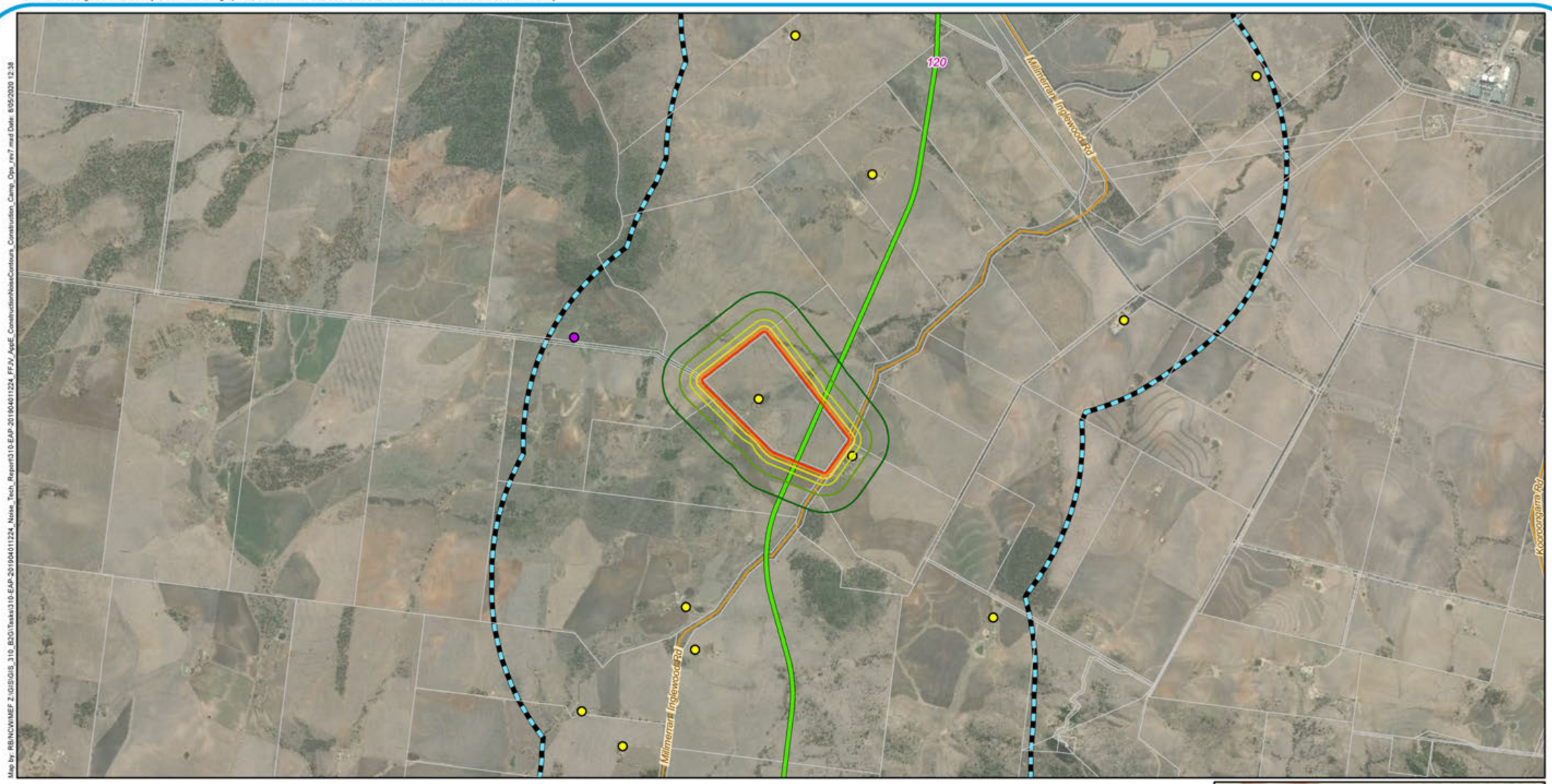
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 7
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E2: Construction noise contours construction camp operations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Border to Gowrie alignment
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:35,000

0 0.25 0.5 0.75 1 1.25km

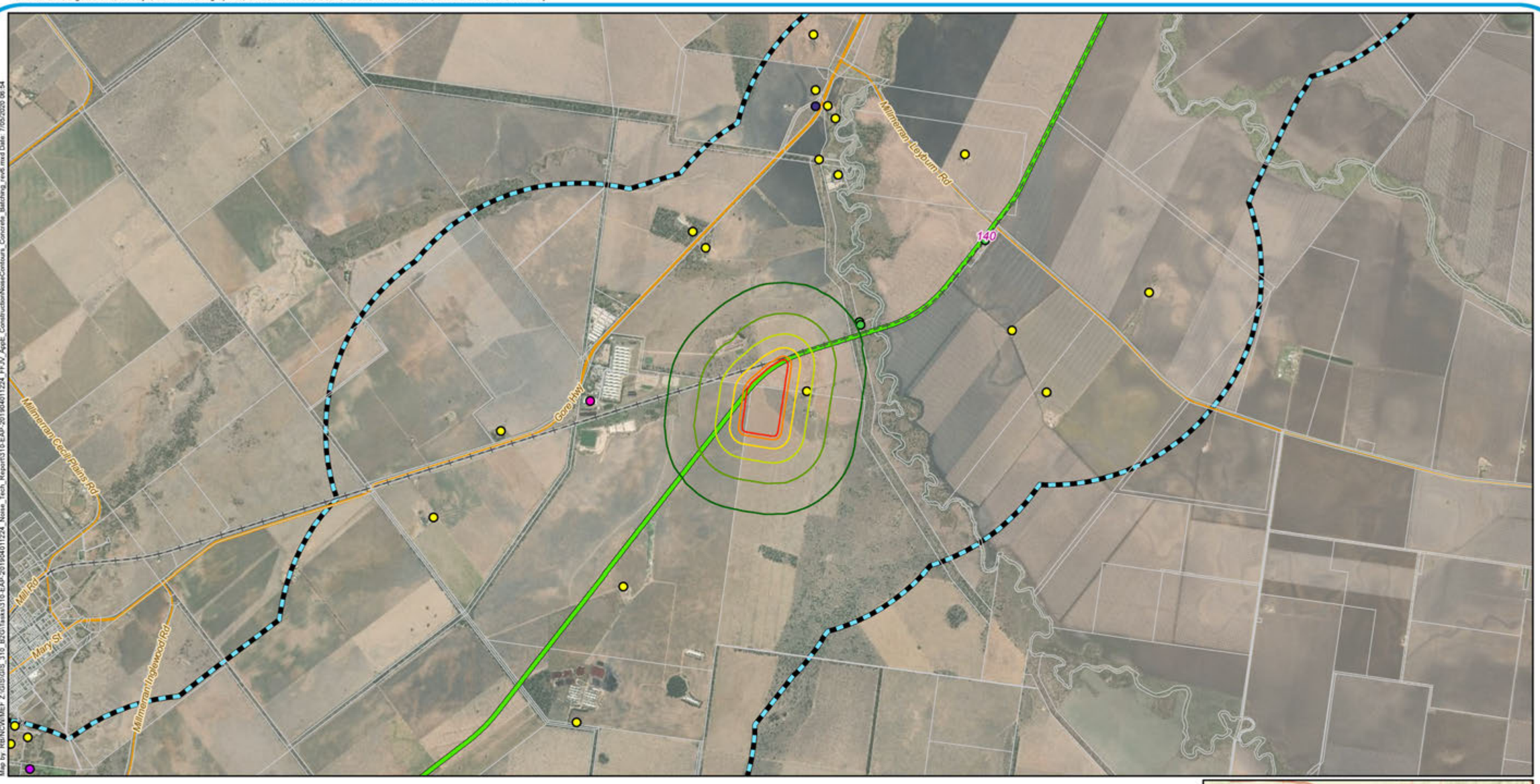
Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 7
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

Appendix E3: Construction noise contours construction camp operations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: RB/NCW/MEF Z:\GIS\GIS_310_B2G\Tasks\310-EAP-20190401224_Noise_Tech_Report\310-EAP-20190401224_FFJV_ApdE_ConstructionNoiseContours_Concrete_Batching_rev6.mxd Date: 7/05/2020 06:54

Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (non-operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000
0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 6
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie
Appendix E1: Construction noise contours concrete batching

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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Legend

- 5 Chainage (km)
- Localities
- Border to Gowrie alignment
- Existing rail (operational)
- Existing rail (non-operational)
- Major roads
- Minor roads
- Cadastre
- Noise and vibration impact assessment area

Sound Pressure Level (L_{Aeq}, dB(A))

Methodology outlined in section 5.2

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Commercial Office
- Commercial Retail
- Community Building
- Educational Building
- Heritage
- Hotel/Motel
- Industrial
- Medical Building
- Outdoor Recreation
- Residential
- Sporting Facility



A3 scale: 1:40,000

0 0.3 0.6 0.9 1.2 1.5km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 06/05/2020 Version: 6
Coordinate System: GDA 1994 MGA Zone 56

Border to Gowrie

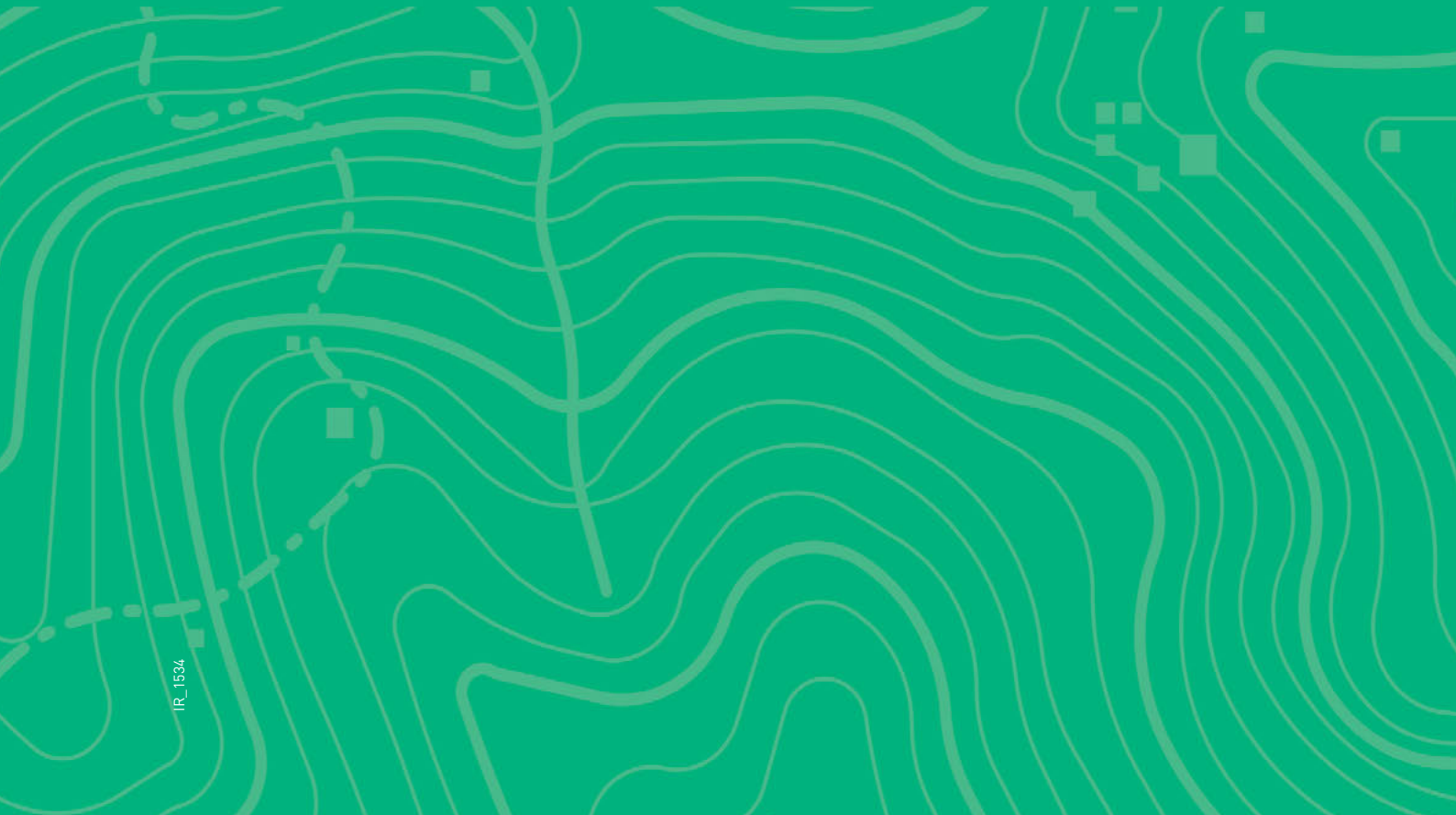
Appendix E2: Construction noise contours concrete batching

APPENDIX S

Construction Noise and Vibration and Operational Road Traffic Noise Technical Report

Appendix F Construction Noise and Vibration Impacts

INLAND RAIL—BORDER TO GOWRIE ENVIRONMENTAL IMPACT STATEMENT



IR_1534

Appendix F
Construction noise and vibration impacts

Airborne construction noise

Specific locations of construction plant are not currently known. The construction noise impact assessment utilizes areas within which construction works are planned. The presented impacts are representative of a worst-case scenario for each sensitive receptor, during which the construction activity occurs at the point within the construction area which is closest to the receptor. The presented impacts are not representative of typical or ongoing noise levels.

* Receptor is located in the area within which construction equipment is expected to operate. Airborne noise impacts are not able to be accurately predicted due to the nature of the modelling methodology.

Exceedances are coloured to match the highest criterion which they exceed.

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
COM0001	-	52	41	48	40	45	35	43	< 20	< 20
COM0002	-	52	35	42	37	39	43	41	< 20	< 20
COM0003	-	52	34	40	36	38	42	40	< 20	< 20
COM0004	-	52	45	52	43	48	48	45	32	< 20
COM0005	-	52	43	50	45	47	46	49	< 20	< 20
COM0006	-	52	43	50	45	47	46	49	< 20	< 20
COM0007	-	52	43	50	45	47	46	48	< 20	< 20
COM0008	-	52	45	52	47	49	48	50	< 20	< 20
COM0009	-	52	47	53	48	50	49	52	< 20	< 20
COM0010	-	52	47	54	48	51	50	52	< 20	< 20
COM0011	-	52	49	56	50	53	52	54	< 20	< 20
COM0012	-	52	39	46	40	43	42	37	< 20	< 20
COM0013	-	52	40	47	40	44	44	<20	< 20	< 20
EDU0001	-	52	41	48	38	45	34	42	< 20	< 20
EDU0002	-	52	68	75	63	71	67	59	< 20	< 20
EDU0003	-	52	82	88	60	84	82	59	39	< 20
EDU0004	-	52	42	49	44	46	45	48	< 20	< 20
EDU0005	-	52	44	50	45	47	47	49	< 20	< 20
EDU0006	-	52	45	52	47	49	48	51	< 20	< 20
EDU0007	-	52	45	52	47	49	47	50	< 20	< 20
EDU0008	-	52	47	53	48	50	49	51	< 20	< 20
EDU0009	-	52	50	57	50	53	45	36	< 20	< 20
HOT0001	-	52	35	42	37	39	44	41	< 20	< 20
HOT0002	-	52	47	54	48	50	49	52	< 20	< 20
HOT0003	-	52	69	75	66	71	68	67	< 20	< 20
HOT0004	-	52	40	47	41	44	41	32	< 20	< 20
HOT0005	-	52	40	47	42	44	44	46	< 20	< 20
MED0001	-	47	39	46	42	43	42	45	< 20	< 20
OFF0001	50	65	47	54	48	50	49	52	< 20	< 20
OFF0002	50	65	45	52	47	48	48	50	< 20	< 20
OFF0003	50	65	46	53	48	50	49	51	< 20	< 20
OFF0004	50	65	46	53	48	50	48	51	< 20	< 20
OFF0005	50	65	47	54	49	51	50	52	< 20	< 20
OFF0006	50	65	47	54	48	51	50	52	< 20	< 20
OFF0007	50	65	47	53	48	50	49	51	< 20	< 20
OFF0008	50	65	47	53	48	50	49	51	< 20	< 20
OFF0009	50	65	46	53	48	50	49	51	< 20	< 20
OFF0010	50	65	47	54	48	51	49	52	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
OFF0011	50	65	45	52	48	49	48	50	< 20	< 20
OFF0012	50	65	46	53	48	50	49	51	< 20	< 20
OFF0013	50	65	40	47	41	44	43	46	< 20	< 20
REC0001	50	65	48	55	49	51	50	52	< 20	< 20
REC0002	50	65	48	54	49	51	50	52	< 20	< 20
REC0003	50	65	47	54	46	51	49	49	< 20	25
RES0001	50	65	43	49	43	46	35	46	< 20	< 20
RES0002	50	65	41	47	39	44	34	43	< 20	< 20
RES0003	50	65	40	47	39	44	34	42	< 20	< 20
RES0004	50	65	41	48	39	45	34	43	< 20	< 20
RES0005	50	65	40	47	39	44	34	42	< 20	< 20
RES0006	50	65	41	47	39	44	34	42	< 20	< 20
RES0007	50	65	40	47	38	44	34	42	< 20	< 20
RES0008	50	65	41	48	39	45	34	43	< 20	< 20
RES0009	50	65	41	48	40	45	35	43	< 20	< 20
RES0010	50	65	41	48	39	45	34	43	< 20	< 20
RES0011	50	65	41	48	39	45	34	42	< 20	< 20
RES0012	50	65	41	47	38	44	34	42	< 20	< 20
RES0013	50	65	41	48	39	45	34	43	< 20	< 20
RES0014	50	65	41	48	39	45	34	42	< 20	< 20
RES0015	50	65	41	48	39	45	35	43	< 20	< 20
RES0016	50	65	40	47	38	44	34	42	< 20	< 20
RES0017	50	65	42	49	39	46	35	43	< 20	< 20
RES0018	50	65	40	47	38	44	34	41	< 20	< 20
RES0019	50	65	41	48	39	45	35	43	< 20	< 20
RES0020	50	65	42	49	39	46	35	43	< 20	< 20
RES0021	50	65	41	47	38	44	34	42	< 20	< 20
RES0022	50	65	41	47	38	44	34	41	< 20	< 20
RES0023	50	65	41	47	38	44	34	41	< 20	< 20
RES0024	50	65	42	49	39	46	35	42	< 20	< 20
RES0025	50	65	42	49	39	46	35	43	< 20	< 20
RES0026	50	65	41	48	38	45	34	41	< 20	< 20
RES0027	50	65	42	49	39	46	35	42	< 20	< 20
RES0028	50	65	41	48	38	45	35	42	< 20	< 20
RES0029	50	65	41	48	38	45	35	42	< 20	< 20
RES0030	50	65	42	49	39	46	35	43	< 20	< 20
RES0031	50	65	42	49	38	45	35	42	< 20	< 20
RES0032	50	65	42	49	39	46	35	42	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0033	50	65	41	48	38	45	34	41	< 20	< 20
RES0034	50	65	42	49	39	46	35	43	< 20	< 20
RES0035	50	65	41	48	38	45	35	42	< 20	< 20
RES0036	50	65	43	49	39	46	35	43	< 20	< 20
RES0037	50	65	41	48	38	45	35	42	< 20	< 20
RES0038	50	65	42	49	38	46	35	42	< 20	< 20
RES0039	50	65	42	49	39	46	35	43	< 20	< 20
RES0040	50	65	41	48	38	45	35	42	< 20	< 20
RES0041	50	65	41	48	38	45	35	41	< 20	< 20
RES0042	50	65	42	49	38	46	35	42	< 20	< 20
RES0043	50	65	42	49	39	46	35	42	< 20	< 20
RES0044	50	65	42	49	39	46	35	42	< 20	< 20
RES0045	50	65	43	49	39	46	35	43	< 20	< 20
RES0046	50	65	56	62	54	59	39	56	< 20	< 20
RES0047	50	65	41	48	38	45	35	41	< 20	< 20
RES0048	50	65	42	49	39	46	35	42	< 20	< 20
RES0049	50	65	42	49	38	46	35	42	< 20	< 20
RES0050	50	65	42	48	38	45	35	42	< 20	< 20
RES0051	50	65	41	48	38	45	35	41	< 20	< 20
RES0052	50	65	42	49	39	46	35	42	< 20	< 20
RES0053	50	65	42	49	38	46	35	42	< 20	< 20
RES0054	50	65	42	49	38	46	35	42	< 20	< 20
RES0055	50	65	42	49	39	46	35	42	< 20	< 20
RES0056	50	65	41	48	38	45	35	41	< 20	< 20
RES0057	50	65	43	50	38	46	36	42	< 20	< 20
RES0058	50	65	48	55	50	52	38	52	< 20	< 20
RES0059	50	65	46	53	48	50	38	51	< 20	< 20
RES0060	50	65	46	52	45	49	47	<20	< 20	< 20
RES0061	50	65	80	86	73	83	82	<20	< 20	< 20
RES0062	50	65	82	88	37	84	83	<20	< 20	< 20
RES0063	50	65	63	70	54	66	55	36	< 20	< 20
RES0064	50	65	81	87	92	83	103	<20	< 20	< 20
RES0065	50	65	79	86	86	82	89	<20	< 20	< 20
RES0066	50	65	75	81	79	77	80	<20	< 20	< 20
RES0067	50	65	75	81	69	77	79	<20	< 20	< 20
RES0068	50	65	73	79	76	75	76	<20	< 20	< 20
RES0069	50	65	74	80	51	76	52	35	< 20	< 20
RES0070	50	65	62	68	43	65	62	<20	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0071	50	65	89	96	59	92	93	<20	< 20	< 20
RES0072	50	65	42	48	42	45	41	<20	< 20	< 20
RES0073	50	65	66	73	57	69	68	<20	< 20	< 20
RES0074	50	65	75	81	56	77	78	<20	< 20	< 20
RES0075	50	65	49	55	40	52	48	43	< 20	< 20
RES0076	50	65	62	69	53	65	63	56	< 20	< 20
RES0077	50	65	73	80	55	76	74	56	< 20	< 20
RES0078	50	65	65	71	58	67	67	60	< 20	< 20
RES0079	50	65	64	71	58	67	66	60	< 20	< 20
RES0080	50	65	78	85	54	81	80	55	< 20	< 20
RES0081	50	65	64	71	58	67	65	60	< 20	< 20
RES0082	50	65	83	89	54	86	87	55	< 20	< 20
RES0083	50	65	92	98	54	95	92	54	< 20	< 20
RES0084	50	65	66	73	59	69	68	61	< 20	< 20
RES0085	50	65	66	72	59	68	67	61	< 20	< 20
RES0086	50	65	66	72	59	69	67	60	< 20	< 20
RES0087	50	65	40	47	43	44	44	31	< 20	< 20
RES0088	50	65	66	73	59	69	67	60	< 20	< 20
RES0089	50	65	74	80	47	76	79	49	< 20	< 20
RES0090	50	65	69	76	60	72	72	63	< 20	< 20
RES0091	50	65	69	75	60	71	70	62	< 20	< 20
RES0092	50	65	69	76	60	72	70	62	< 20	< 20
RES0093	50	65	70	76	60	72	70	62	< 20	< 20
RES0094	50	65	41	48	44	45	45	32	< 20	< 20
RES0095	50	65	67	73	59	69	68	59	< 20	< 20
RES0096	50	65	69	75	59	71	71	59	< 20	< 20
RES0097	50	65	69	76	60	72	69	60	< 20	< 20
RES0098	50	65	70	76	59	72	73	58	< 20	< 20
RES0099	50	65	68	75	60	71	69	60	< 20	< 20
RES0100	50	65	68	74	60	70	68	60	< 20	< 20
RES0101	50	65	75	81	58	77	81	57	< 20	< 20
RES0102	50	65	67	74	60	70	69	59	< 20	< 20
RES0103	50	65	73	79	62	75	73	62	< 20	< 20
RES0104	50	65	76	83	57	79	84	57	< 20	< 20
RES0105	50	65	78	84	57	81	86	57	< 20	< 20
RES0106	50	65	69	75	59	72	72	59	< 20	< 20
RES0107	50	65	79	85	57	81	86	56	< 20	< 20
RES0108	50	65	75	81	62	77	75	63	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0109	50	65	72	78	61	74	72	61	< 20	< 20
RES0110	50	65	81	87	57	83	87	56	< 20	< 20
RES0111	50	65	71	78	59	74	75	58	< 20	< 20
RES0112	50	65	75	81	62	78	75	62	< 20	< 20
RES0113	50	65	72	78	59	74	75	58	< 20	< 20
RES0114	50	65	77	83	63	79	77	63	< 20	< 20
RES0115	50	65	72	78	62	74	73	61	< 20	< 20
RES0116	50	65	71	77	61	73	72	61	< 20	< 20
RES0117	50	65	93	99	56	95	93	56	< 20	< 20
RES0118	50	65	76	82	64	79	78	64	< 20	< 20
RES0119	50	65	83	89	57	86	83	56	< 20	< 20
RES0120	50	65	73	79	58	75	77	57	< 20	< 20
RES0121	50	65	73	80	58	76	77	57	< 20	< 20
RES0122	50	65	79	86	64	82	80	64	< 20	< 20
RES0123	50	65	75	82	58	78	77	57	< 20	< 20
RES0124	50	65	68	75	61	71	69	60	< 20	< 20
RES0125	50	65	77	83	57	79	77	57	< 20	< 20
RES0126	50	65	78	84	57	81	78	56	< 20	< 20
RES0127	50	65	80	86	57	82	80	56	< 20	< 20
RES0128	50	65	69	75	60	71	71	59	< 20	< 20
RES0129	50	65	79	86	64	82	81	63	< 20	< 20
RES0130	50	65	77	83	64	79	79	62	< 20	< 20
RES0131	50	65	68	74	61	71	69	60	< 20	< 20
RES0132	50	65	70	76	62	73	71	60	< 20	< 20
RES0133	50	65	75	81	63	78	77	62	< 20	< 20
RES0134	50	65	70	77	59	73	72	58	< 20	< 20
RES0135	50	65	72	79	63	75	74	61	< 20	< 20
RES0136	50	65	68	74	62	70	69	60	< 20	< 20
RES0137	50	65	71	77	63	73	72	61	< 20	< 20
RES0138	50	65	69	75	62	71	70	60	< 20	< 20
RES0139	50	65	84	90	66	86	91	64	< 20	< 20
RES0140	50	65	79	85	65	81	82	63	< 20	< 20
RES0141	50	65	67	73	61	69	69	59	< 20	< 20
RES0142	50	65	74	80	65	76	76	62	< 20	< 20
RES0143	50	65	76	82	65	79	79	63	< 20	< 20
RES0144	50	65	73	79	57	75	74	56	< 20	< 20
RES0145	50	65	72	79	57	75	73	56	< 20	< 20
RES0146	50	65	73	79	65	76	75	62	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0147	50	65	89	95	68	91	94	67	< 20	< 20
RES0148	50	65	72	78	56	74	73	55	< 20	< 20
RES0149	50	65	67	74	61	70	68	58	< 20	< 20
RES0150	50	65	71	77	56	73	72	55	< 20	< 20
RES0151	50	65	69	75	64	71	70	60	< 20	< 20
RES0152	50	65	68	75	60	71	68	58	< 20	< 20
RES0153	50	65	69	75	60	71	69	58	< 20	< 20
RES0154	50	65	71	78	56	74	72	55	< 20	< 20
RES0155	50	65	70	77	56	73	71	55	< 20	< 20
RES0156	50	65	72	78	65	74	73	62	< 20	< 20
RES0157	50	65	73	79	55	75	73	54	< 20	< 20
RES0158	50	65	86	92	68	88	98	65	< 20	< 20
RES0159	50	65	69	76	59	72	69	57	< 20	< 20
RES0160	50	65	76	83	55	79	77	54	< 20	< 20
RES0161	50	65	78	84	68	80	80	64	< 20	< 20
RES0162	50	65	69	75	64	72	70	61	< 20	< 20
RES0163	50	65	75	81	68	77	77	63	< 20	< 20
RES0164	50	65	69	75	58	71	69	56	< 20	< 20
RES0165	50	65	69	75	58	71	69	56	< 20	< 20
RES0166	50	65	72	78	67	75	73	62	< 20	< 20
RES0167	50	65	68	75	57	71	70	56	< 20	< 20
RES0168	50	65	69	76	57	72	71	55	< 20	< 20
RES0169	50	65	71	77	66	73	71	61	< 20	< 20
RES0170	50	65	70	77	57	73	72	55	< 20	< 20
RES0171	50	65	78	84	71	81	111	66	< 20	< 20
RES0172	50	65	76	83	70	79	87	65	< 20	< 20
RES0173	50	65	71	77	65	74	71	61	< 20	< 20
RES0174	50	65	71	78	56	74	74	55	< 20	< 20
RES0175	50	65	76	82	71	78	83	65	< 20	< 20
RES0176	50	65	74	80	56	77	77	55	< 20	< 20
RES0177	50	65	76	82	70	78	79	64	< 20	< 20
RES0178	50	65	75	82	70	78	76	63	< 20	< 20
RES0179	50	65	74	80	68	76	76	62	< 20	< 20
RES0180	50	65	79	85	74	82	95	66	< 20	< 20
RES0181	50	65	75	81	67	78	75	61	< 20	< 20
RES0182	50	65	82	89	76	85	96	65	< 20	< 20
RES0183	50	65	86	92	75	89	94	65	< 20	< 20
RES0184	50	65	73	79	63	75	69	59	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0185	50	65	83	89	72	85	88	63	< 20	< 20
RES0186	50	65	97	103	75	99	98	64	< 20	< 20
RES0187	50	65	93	99	74	95	97	64	< 20	< 20
RES0188	50	65	74	81	63	77	68	59	< 20	< 20
RES0189	50	65	75	81	61	77	67	57	< 20	< 20
RES0190	50	65	76	83	62	79	67	58	< 20	< 20
RES0191	50	65	85	92	67	88	75	60	< 20	< 20
RES0192	50	65	75	81	59	78	70	57	< 20	< 20
RES0193	50	65	77	84	64	80	70	59	< 20	< 20
RES0194	50	65	75	81	58	77	76	56	< 20	< 20
RES0195	50	65	81	88	63	84	68	59	< 20	< 20
RES0196	50	65	79	86	57	82	82	55	< 20	< 20
RES0197	50	65	89	95	63	91	67	58	< 20	< 20
RES0198	50	65	80	86	57	82	81	55	< 20	< 20
RES0199	50	65	89	95	62	91	67	58	< 20	< 20
RES0200	50	65	-*	-*	70	-*	83	61	< 20	< 20
RES0201	50	65	75	82	70	78	87	62	< 20	< 20
RES0202	50	65	-*	-*	65	-*	70	59	< 20	< 20
RES0203	50	65	76	83	60	79	69	57	< 20	< 20
RES0204	50	65	73	80	57	76	80	55	< 20	< 20
RES0205	50	65	45	52	40	49	48	42	< 20	< 20
RES0206	50	65	39	46	41	43	43	<20	< 20	< 20
RES0207	50	65	55	62	32	58	34	<20	< 20	< 20
RES0208	50	65	68	75	39	71	39	<20	< 20	< 20
RES0209	50	65	39	46	35	43	38	<20	< 20	< 20
RES0210	50	65	48	55	36	52	50	<20	< 20	< 20
RES0211	50	65	40	47	41	44	43	<20	< 20	< 20
RES0212	50	65	46	53	40	49	44	<20	< 20	24
RES0213	50	65	45	52	41	48	42	<20	< 20	24
RES0214	50	65	44	51	41	48	42	<20	< 20	25
RES0215	50	65	45	52	41	49	42	<20	< 20	25
RES0216	50	65	45	52	41	48	42	<20	< 20	25
RES0217	50	65	44	51	41	48	42	<20	< 20	25
RES0218	50	65	42	48	44	45	44	<20	< 20	28
RES0219	50	65	70	77	75	73	78	<20	< 20	58
RES0220	50	65	68	74	69	70	70	<20	< 20	53
RES0221	50	65	49	56	48	53	52	<20	< 20	32
RES0222	50	65	51	58	54	55	53	<20	< 20	37

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0223	50	65	44	51	45	48	46	39	< 20	< 20
RES0224	50	65	44	51	45	48	46	39	< 20	< 20
RES0225	50	65	49	55	50	52	51	41	< 20	< 20
RES0226	50	65	40	47	41	44	42	43	< 20	< 20
RES0227	50	65	48	55	49	51	50	42	< 20	< 20
RES0228	50	65	40	46	41	43	38	46	< 20	< 20
RES0229	50	65	41	48	43	45	43	47	< 20	< 20
RES0230	50	65	49	56	49	53	41	53	< 20	< 20
RES0231	50	65	46	53	44	50	49	45	< 20	< 20
RES0232	50	65	48	55	48	52	50	51	< 20	< 20
RES0233	50	65	52	59	48	56	54	49	< 20	< 20
RES0234	50	65	52	59	51	55	54	51	< 20	< 20
RES0235	50	65	67	73	63	69	48	63	< 20	< 20
RES0236	50	65	64	71	61	67	48	61	< 20	< 20
RES0237	50	65	52	58	49	55	54	51	< 20	< 20
RES0238	50	65	41	48	44	45	44	47	< 20	< 20
RES0239	50	65	82	88	71	84	82	56	< 20	< 20
RES0240	50	65	41	48	39	45	36	43	< 20	< 20
RES0241	50	65	42	49	40	46	41	38	< 20	< 20
RES0242	50	65	42	49	43	46	45	35	< 20	< 20
RES0243	50	65	53	60	47	57	50	37	< 20	< 20
RES0244	50	65	49	56	50	53	52	33	< 20	< 20
RES0245	50	65	52	59	49	55	54	30	< 20	< 20
RES0246	50	65	39	46	39	43	41	36	< 20	< 20
RES0247	50	65	42	49	42	46	45	<20	< 20	< 20
RES0248	50	65	41	47	41	44	44	<20	< 20	< 20
RES0249	50	65	42	48	42	46	45	<20	< 20	< 20
RES0250	50	65	41	48	44	45	45	42	< 20	< 20
RES0251	50	65	47	54	42	50	48	31	< 20	< 20
RES0252	50	65	61	67	49	64	62	35	< 20	< 20
RES0253	50	65	42	49	45	46	45	45	< 20	< 20
RES0254	50	65	63	69	39	65	54	<20	< 20	< 20
RES0255	50	65	39	46	40	43	42	44	< 20	< 20
RES0256	50	65	39	46	40	43	43	43	< 20	< 20
RES0257	50	65	40	46	40	43	43	43	< 20	< 20
RES0258	50	65	40	47	41	44	43	44	< 20	< 20
RES0259	50	65	40	46	41	43	43	43	< 20	< 20
RES0260	50	65	41	48	42	45	45	45	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0261	50	65	40	47	41	44	41	38	< 20	< 20
RES0262	50	65	43	50	45	47	46	43	< 20	< 20
RES0263	50	65	46	53	41	50	48	33	< 20	< 20
RES0264	50	65	47	54	42	51	49	34	< 20	< 20
RES0265	50	65	51	58	49	55	49	55	< 20	< 20
RES0266	50	65	39	46	41	43	43	<20	< 20	< 20
RES0267	50	65	58	64	56	61	55	<20	< 20	< 20
RES0268	50	65	54	61	38	57	51	<20	< 20	< 20
RES0269	50	65	46	53	48	50	49	<20	< 20	< 20
RES0270	50	65	45	52	47	49	48	<20	< 20	< 20
RES0271	50	65	64	71	52	67	55	59	< 20	< 20
RES0272	50	65	69	76	61	72	50	68	< 20	< 20
RES0273	50	65	73	80	67	76	41	58	< 20	< 20
RES0274	50	65	71	78	56	74	56	72	< 20	< 20
RES0275	50	65	51	58	53	54	53	55	< 20	< 20
RES0276	50	65	57	64	58	60	59	59	< 20	< 20
RES0277	50	65	58	65	58	61	59	59	< 20	< 20
RES0278	50	65	60	67	55	63	61	56	< 20	< 20
RES0279	50	65	48	55	48	52	51	51	< 20	< 20
RES0280	50	65	42	49	40	46	46	43	< 20	< 20
RES0281	50	65	41	48	41	45	44	45	< 20	< 20
RES0282	50	65	46	53	42	50	49	46	< 20	< 20
RES0283	50	65	64	71	50	67	63	54	< 20	< 20
RES0284	50	65	52	59	54	56	51	55	< 20	< 20
RES0285	50	65	54	60	55	57	53	55	< 20	< 20
RES0286	50	65	49	56	44	52	51	46	< 20	< 20
RES0287	50	65	40	47	41	44	43	44	< 20	< 20
RES0288	50	65	57	63	40	60	52	42	< 20	< 20
RES0289	50	65	70	77	35	73	71	37	< 20	< 20
RES0290	50	65	66	72	33	68	65	36	< 20	< 20
RES0291	50	65	42	48	31	45	45	34	< 20	< 20
RES0292	50	65	48	54	41	51	50	<20	< 20	< 20
RES0293	50	65	49	55	42	52	51	<20	< 20	< 20
RES0294	50	65	48	55	42	52	50	<20	< 20	< 20
RES0295	50	65	45	51	38	48	47	<20	< 20	< 20
RES0296	50	65	51	58	50	55	53	35	< 20	< 20
RES0297	50	65	52	59	50	56	54	38	< 20	< 20
RES0298	50	65	60	67	49	63	58	46	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0299	50	65	45	52	41	49	48	46	< 20	< 20
RES0300	50	65	42	49	41	46	45	46	< 20	< 20
RES0301	50	65	57	63	51	60	58	55	< 20	< 20
RES0302	50	65	41	48	43	45	43	27	< 20	< 20
RES0303	50	65	61	68	53	64	62	57	< 20	< 20
RES0304	50	65	71	77	74	73	61	53	< 20	< 20
RES0305	50	65	62	69	59	65	63	51	< 20	< 20
RES0306	50	65	39	46	47	43	42	37	< 20	< 20
RES0307	50	65	64	71	50	67	65	38	< 20	< 20
RES0308	50	65	37	44	42	41	40	<20	< 20	< 20
RES0309	50	65	48	55	48	52	51	33	< 20	< 20
RES0310	50	65	47	54	47	51	50	31	< 20	< 20
RES0311	50	65	48	55	46	51	47	<20	< 20	< 20
RES0312	50	65	71	78	42	74	57	34	< 20	< 20
RES0313	50	65	83	89	35	85	83	40	< 20	< 20
RES0314	50	65	58	65	45	61	48	51	< 20	< 20
RES0315	50	65	58	65	45	61	48	51	< 20	< 20
RES0316	50	65	58	65	45	61	48	51	< 20	< 20
RES0317	50	65	43	50	32	47	46	38	< 20	< 20
RES0318	50	65	72	78	70	74	73	71	< 20	< 20
RES0319	50	65	63	69	54	65	57	54	< 20	< 20
RES0320	50	65	64	71	65	67	65	63	< 20	< 20
RES0321	50	65	69	75	61	71	69	47	< 20	< 20
RES0322	50	65	49	56	44	52	45	38	< 20	< 20
RES0323	50	65	46	53	49	50	69	51	< 20	< 20
RES0324	50	65	46	53	49	50	60	51	< 20	< 20
RES0325	50	65	39	46	39	43	52	44	< 20	< 20
RES0326	50	65	44	51	46	47	60	49	< 20	< 20
RES0327	50	65	62	68	61	64	62	46	< 20	< 20
RES0328	50	65	42	49	45	46	56	48	< 20	< 20
RES0329	50	65	42	49	45	46	54	48	< 20	< 20
RES0330	50	65	37	44	40	41	51	44	< 20	< 20
RES0331	50	65	37	44	40	41	51	44	< 20	< 20
RES0332	50	65	38	44	40	41	52	44	< 20	< 20
RES0333	50	65	37	44	39	41	50	43	< 20	< 20
RES0334	50	65	36	43	39	40	50	43	< 20	< 20
RES0335	50	65	36	43	38	40	48	42	< 20	< 20
RES0336	50	65	35	42	37	39	47	42	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0337	50	65	35	42	36	39	46	41	< 20	< 20
RES0338	50	65	34	41	36	38	45	41	< 20	< 20
RES0339	50	65	35	42	37	39	46	41	< 20	< 20
RES0340	50	65	35	42	37	39	46	41	< 20	< 20
RES0341	50	65	40	47	43	44	49	46	< 20	< 20
RES0342	50	65	38	45	41	42	50	44	< 20	< 20
RES0343	50	65	34	41	36	38	45	40	< 20	< 20
RES0344	50	65	37	43	39	41	50	43	< 20	< 20
RES0345	50	65	36	43	39	40	50	43	< 20	< 20
RES0346	50	65	35	42	38	39	47	42	< 20	< 20
RES0347	50	65	36	42	38	39	48	42	< 20	< 20
RES0348	50	65	37	44	40	41	50	44	< 20	< 20
RES0349	50	65	36	43	39	40	49	43	< 20	< 20
RES0350	50	65	35	42	37	39	46	41	< 20	< 20
RES0351	50	65	34	41	36	38	45	41	< 20	< 20
RES0352	50	65	35	42	37	39	47	41	< 20	< 20
RES0353	50	65	35	42	38	39	48	42	< 20	< 20
RES0354	50	65	38	45	41	42	49	44	< 20	< 20
RES0355	50	65	34	41	37	38	46	41	< 20	< 20
RES0356	50	65	35	42	38	39	48	42	< 20	< 20
RES0357	50	65	34	41	36	38	45	41	< 20	< 20
RES0358	50	65	36	43	39	40	49	42	< 20	< 20
RES0359	50	65	36	43	39	40	49	43	< 20	< 20
RES0360	50	65	36	43	39	40	49	43	< 20	< 20
RES0361	50	65	35	42	38	39	48	42	< 20	< 20
RES0362	50	65	37	43	39	41	49	43	< 20	< 20
RES0363	50	65	36	43	39	40	49	42	< 20	< 20
RES0364	50	65	36	43	39	40	49	43	< 20	< 20
RES0365	50	65	35	42	38	39	48	42	< 20	< 20
RES0366	50	65	35	42	38	39	48	42	< 20	< 20
RES0367	50	65	37	44	40	41	48	44	< 20	< 20
RES0368	50	65	36	43	39	40	48	43	< 20	< 20
RES0369	50	65	37	44	40	41	48	43	< 20	< 20
RES0370	50	65	35	42	38	39	47	42	< 20	< 20
RES0371	50	65	35	42	38	39	47	42	< 20	< 20
RES0372	50	65	34	41	37	38	47	41	< 20	< 20
RES0373	50	65	37	44	40	41	47	43	< 20	< 20
RES0374	50	65	34	41	37	38	47	41	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0375	50	65	36	43	39	40	47	43	< 20	< 20
RES0376	50	65	36	43	39	40	47	43	< 20	< 20
RES0377	50	65	36	43	39	40	47	43	< 20	< 20
RES0378	50	65	35	42	38	39	47	42	< 20	< 20
RES0379	50	65	34	41	37	38	46	41	< 20	< 20
RES0380	50	65	34	41	37	38	46	41	< 20	< 20
RES0381	50	65	34	41	37	38	46	41	< 20	< 20
RES0382	50	65	34	41	37	38	46	41	< 20	< 20
RES0383	50	65	33	40	36	37	45	40	< 20	< 20
RES0384	50	65	33	40	36	37	45	40	< 20	< 20
RES0385	50	65	34	41	37	38	45	41	< 20	< 20
RES0386	50	65	33	40	36	37	45	40	< 20	< 20
RES0387	50	65	33	39	35	36	44	40	< 20	< 20
RES0388	50	65	33	40	36	37	44	40	< 20	< 20
RES0389	50	65	33	40	36	37	45	40	< 20	< 20
RES0390	50	65	36	43	38	40	44	42	< 20	< 20
RES0391	50	65	33	40	36	37	45	40	< 20	< 20
RES0392	50	65	32	39	35	36	43	39	< 20	< 20
RES0393	50	65	35	42	37	39	44	41	< 20	< 20
RES0394	50	65	37	43	38	41	43	42	< 20	< 20
RES0395	50	65	35	42	37	39	43	41	< 20	< 20
RES0396	50	65	35	42	37	39	44	41	< 20	< 20
RES0397	50	65	34	41	37	38	43	41	< 20	< 20
RES0398	50	65	34	41	37	38	43	41	< 20	< 20
RES0399	50	65	35	42	37	39	43	41	< 20	< 20
RES0400	50	65	35	42	37	39	43	41	< 20	< 20
RES0401	50	65	34	41	37	38	43	41	< 20	< 20
RES0402	50	65	32	39	35	36	43	39	< 20	< 20
RES0403	50	65	32	39	35	36	43	39	< 20	< 20
RES0404	50	65	35	41	37	39	43	41	< 20	< 20
RES0405	50	65	34	41	37	38	43	41	< 20	< 20
RES0406	50	65	34	41	37	38	43	41	< 20	< 20
RES0407	50	65	34	41	37	38	43	41	< 20	< 20
RES0408	50	65	34	41	37	38	43	41	< 20	< 20
RES0409	50	65	35	42	37	39	43	41	< 20	< 20
RES0410	50	65	35	42	37	39	43	41	< 20	< 20
RES0411	50	65	34	40	37	38	43	41	< 20	< 20
RES0412	50	65	33	40	36	37	44	40	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0413	50	65	34	40	37	38	43	40	< 20	< 20
RES0414	50	65	34	40	36	38	43	40	< 20	< 20
RES0415	50	65	35	42	37	39	43	41	< 20	< 20
RES0416	50	65	34	41	37	38	43	41	< 20	< 20
RES0417	50	65	32	39	35	36	43	39	< 20	< 20
RES0418	50	65	32	39	35	36	43	39	< 20	< 20
RES0419	50	65	35	42	37	39	43	41	< 20	< 20
RES0420	50	65	31	38	34	35	43	38	< 20	< 20
RES0421	50	65	34	41	36	38	43	40	< 20	< 20
RES0422	50	65	35	42	37	39	43	41	< 20	< 20
RES0423	50	65	34	41	36	38	43	40	< 20	< 20
RES0424	50	65	34	41	36	38	43	40	< 20	< 20
RES0425	50	65	34	41	36	38	43	40	< 20	< 20
RES0426	50	65	34	41	36	38	43	40	< 20	< 20
RES0427	50	65	34	40	36	38	43	40	< 20	< 20
RES0428	50	65	33	40	36	37	43	40	< 20	< 20
RES0429	50	65	33	40	36	37	43	40	< 20	< 20
RES0430	50	65	33	40	36	37	43	40	< 20	< 20
RES0431	50	65	33	40	36	37	43	40	< 20	< 20
RES0432	50	65	35	42	37	39	43	41	< 20	< 20
RES0433	50	65	65	72	60	68	66	33	28	< 20
RES0434	50	65	31	38	34	35	43	38	< 20	< 20
RES0435	50	65	34	41	36	38	43	40	< 20	< 20
RES0436	50	65	33	40	36	37	43	40	< 20	< 20
RES0437	50	65	35	42	36	39	42	40	< 20	< 20
RES0438	50	65	34	41	36	38	43	40	< 20	< 20
RES0439	50	65	34	40	36	38	43	40	< 20	< 20
RES0440	50	65	33	40	36	37	43	40	< 20	< 20
RES0441	50	65	33	40	36	37	42	40	< 20	< 20
RES0442	50	65	33	40	36	37	42	40	< 20	< 20
RES0443	50	65	33	40	36	37	42	40	< 20	< 20
RES0444	50	65	33	40	36	37	42	40	< 20	< 20
RES0445	50	65	33	40	36	37	42	40	< 20	< 20
RES0446	50	65	31	38	34	35	42	38	< 20	< 20
RES0447	50	65	34	41	36	38	42	40	< 20	< 20
RES0448	50	65	33	40	36	37	42	40	< 20	< 20
RES0449	50	65	68	75	47	71	48	39	35	< 20
RES0450	50	65	46	53	43	49	48	34	29	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0451	50	65	64	71	39	67	42	38	32	< 20
RES0452	50	65	47	54	44	50	50	50	31	< 20
RES0453	50	65	66	72	67	68	66	63	56	< 20
RES0454	50	65	55	61	50	58	57	57	33	< 20
RES0455	50	65	49	56	45	53	52	46	27	< 20
RES0456	50	65	46	53	47	50	49	50	39	< 20
RES0457	50	65	44	51	45	48	47	48	38	< 20
RES0458	50	65	49	56	49	53	52	50	35	< 20
RES0459	50	65	47	54	47	51	50	48	34	< 20
RES0460	50	65	66	72	63	69	66	55	31	< 20
RES0461	50	65	47	54	45	51	50	46	32	< 20
RES0462	50	65	46	53	44	50	49	45	32	< 20
RES0463	50	65	44	51	42	48	47	44	31	< 20
RES0464	50	65	40	47	40	44	44	43	29	< 20
RES0465	50	65	46	53	48	50	49	52	< 20	< 20
RES0466	50	65	59	66	61	62	62	57	< 20	< 20
RES0467	50	65	58	64	59	61	57	55	< 20	< 20
RES0468	50	65	54	61	54	57	52	56	24	< 20
RES0469	50	65	76	82	66	79	87	55	27	< 20
RES0470	50	65	55	61	51	58	57	54	25	< 20
RES0471	50	65	77	83	70	80	86	56	28	< 20
RES0472	50	65	84	90	71	86	91	61	29	< 20
RES0473	50	65	72	79	64	75	74	66	30	< 20
RES0474	50	65	76	82	69	78	79	57	28	< 20
RES0475	50	65	82	88	78	84	95	59	29	< 20
RES0476	50	65	92	99	78	95	92	60	29	< 20
RES0477	50	65	90	97	76	93	95	62	29	< 20
RES0478	50	65	58	65	56	61	59	56	30	< 20
RES0479	50	65	75	82	76	78	54	75	34	< 20
RES0480	50	65	47	54	47	50	49	50	30	< 20
RES0481	50	65	49	56	48	53	52	51	39	< 20
RES0482	50	65	41	47	42	44	44	46	29	< 20
RES0483	50	65	67	74	61	70	68	62	46	< 20
RES0484	50	65	77	84	80	80	75	54	67	< 20
RES0485	50	65	80	86	68	83	53	47	57	< 20
RES0486	50	65	78	84	52	80	84	54	42	< 20
RES0487	50	65	83	89	54	85	84	55	41	< 20
RES0488	50	65	51	58	52	54	53	49	27	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0489	50	65	72	79	58	75	61	50	48	< 20
RES0490	50	65	71	77	56	73	63	51	46	< 20
RES0491	50	65	70	77	54	73	67	53	44	< 20
RES0492	50	65	69	75	55	72	65	52	45	< 20
RES0493	50	65	73	79	53	75	73	54	43	< 20
RES0494	50	65	75	81	53	77	75	54	43	< 20
RES0495	50	65	70	76	53	73	70	53	43	< 20
RES0496	50	65	68	75	53	71	67	53	44	< 20
RES0497	50	65	76	82	54	79	76	55	42	< 20
RES0498	50	65	43	50	40	47	41	40	24	< 20
RES0499	50	65	82	88	56	84	82	56	41	< 20
RES0500	50	65	71	77	53	73	71	54	43	< 20
RES0501	50	65	79	85	57	81	81	57	40	< 20
RES0502	50	65	77	84	58	80	84	58	40	< 20
RES0503	50	65	78	85	59	81	84	58	40	< 20
RES0504	50	65	71	77	54	73	71	55	42	< 20
RES0505	50	65	69	75	54	71	69	55	42	< 20
RES0506	50	65	68	74	53	70	68	54	42	< 20
RES0507	50	65	41	47	34	44	42	36	< 20	< 20
RES0508	50	65	70	76	56	73	70	56	41	< 20
RES0509	50	65	62	68	53	64	62	52	44	< 20
RES0510	50	65	69	75	56	72	69	56	41	< 20
RES0511	50	65	62	69	52	65	63	53	43	< 20
RES0512	50	65	67	74	55	70	67	55	41	< 20
RES0513	50	65	64	71	53	67	65	54	42	< 20
RES0514	50	65	65	71	53	68	65	54	42	< 20
RES0515	50	65	82	88	65	85	82	63	38	< 20
RES0516	50	65	63	70	52	66	64	54	42	< 20
RES0517	50	65	55	62	58	59	47	44	48	< 20
RES0518	50	65	76	83	67	79	80	64	37	< 20
RES0519	50	65	65	72	56	68	68	56	40	< 20
RES0520	50	65	68	75	57	71	72	57	39	< 20
RES0521	50	65	43	50	36	47	42	37	< 20	< 20
RES0522	50	65	70	76	57	73	75	58	39	< 20
RES0523	50	65	74	81	58	77	83	58	39	< 20
RES0524	50	65	54	61	52	57	56	51	43	< 20
RES0525	50	65	91	97	60	93	100	60	37	< 20
RES0526	50	65	39	46	35	43	43	37	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0527	50	65	51	58	52	55	53	54	31	< 20
RES0528	50	65	49	56	36	53	51	38	< 20	< 20
RES0529	50	65	39	46	42	43	42	44	< 20	< 20
RES0530	50	65	40	47	40	44	43	43	33	< 20
RES0531	50	65	47	54	46	51	47	49	28	< 20
RES0532	50	65	43	50	46	47	45	47	< 20	< 20
RES0533	50	65	44	51	43	48	44	46	27	< 20
RES0534	50	65	44	51	46	47	46	48	< 20	< 20
RES0535	50	65	79	85	67	82	59	60	< 20	< 20
RES0536	50	65	70	77	62	73	56	59	< 20	< 20
RES0537	50	65	46	53	44	50	49	39	< 20	< 20
RES0538	50	65	39	46	41	43	42	45	< 20	< 20
RES0539	50	65	83	90	62	86	88	64	< 20	< 20
RES0540	50	65	39	46	42	43	42	45	< 20	< 20
RES0541	50	65	39	46	41	43	42	45	< 20	< 20
RES0542	50	65	39	46	42	43	43	45	< 20	< 20
RES0543	50	65	39	46	41	43	42	45	< 20	< 20
RES0544	50	65	39	46	41	43	42	45	< 20	< 20
RES0545	50	65	39	46	42	43	43	46	< 20	< 20
RES0546	50	65	39	46	42	43	43	46	< 20	< 20
RES0547	50	65	39	46	42	43	43	45	< 20	< 20
RES0548	50	65	39	46	42	43	43	46	< 20	< 20
RES0549	50	65	39	46	42	43	43	46	< 20	< 20
RES0550	50	65	39	46	42	43	43	46	< 20	< 20
RES0551	50	65	39	46	41	43	43	45	< 20	< 20
RES0552	50	65	39	46	42	43	43	46	< 20	< 20
RES0553	50	65	39	46	41	43	42	45	< 20	< 20
RES0554	50	65	39	46	41	43	43	46	< 20	< 20
RES0555	50	65	40	46	42	43	43	46	< 20	< 20
RES0556	50	65	39	46	41	43	43	46	< 20	< 20
RES0557	50	65	40	47	42	44	43	46	< 20	< 20
RES0558	50	65	39	46	42	43	43	46	< 20	< 20
RES0559	50	65	39	46	41	43	43	46	< 20	< 20
RES0560	50	65	39	46	41	43	43	46	< 20	< 20
RES0561	50	65	39	46	41	43	43	46	< 20	< 20
RES0562	50	65	40	47	43	44	44	46	< 20	< 20
RES0563	50	65	39	46	41	43	42	45	< 20	< 20
RES0564	50	65	39	46	41	43	42	45	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0565	50	65	40	46	42	43	43	46	< 20	< 20
RES0566	50	65	39	46	41	43	42	45	< 20	< 20
RES0567	50	65	39	46	41	43	43	45	< 20	< 20
RES0568	50	65	40	47	42	44	44	46	< 20	< 20
RES0569	50	65	39	46	41	43	43	46	< 20	< 20
RES0570	50	65	39	46	41	43	43	46	< 20	< 20
RES0571	50	65	40	46	41	43	43	46	< 20	< 20
RES0572	50	65	42	49	44	46	44	47	< 20	< 20
RES0573	50	65	40	47	42	44	43	46	< 20	< 20
RES0574	50	65	40	47	42	44	43	46	< 20	< 20
RES0575	50	65	58	65	54	61	59	58	< 20	< 20
RES0576	50	65	40	47	42	44	44	46	< 20	< 20
RES0577	50	65	39	46	41	43	42	45	< 20	< 20
RES0578	50	65	40	47	42	44	44	47	< 20	< 20
RES0579	50	65	53	60	55	56	55	50	< 20	< 20
RES0580	50	65	40	47	42	44	44	46	< 20	< 20
RES0581	50	65	40	47	43	44	44	47	< 20	< 20
RES0582	50	65	39	46	41	43	43	46	< 20	< 20
RES0583	50	65	39	46	41	43	43	46	< 20	< 20
RES0584	50	65	41	48	43	45	44	47	< 20	< 20
RES0585	50	65	39	46	41	43	43	46	< 20	< 20
RES0586	50	65	41	48	44	45	44	47	< 20	< 20
RES0587	50	65	42	48	44	45	44	47	< 20	< 20
RES0588	50	65	41	48	43	45	44	47	< 20	< 20
RES0589	50	65	39	46	41	43	42	45	< 20	< 20
RES0590	50	65	40	46	42	43	43	46	< 20	< 20
RES0591	50	65	40	47	42	44	43	46	< 20	< 20
RES0592	50	65	42	49	45	46	45	47	< 20	< 20
RES0593	50	65	39	46	41	43	43	46	< 20	< 20
RES0594	50	65	39	46	41	43	42	45	< 20	< 20
RES0595	50	65	42	48	44	45	45	47	< 20	< 20
RES0596	50	65	40	47	42	44	44	46	< 20	< 20
RES0597	50	65	40	47	42	44	43	46	< 20	< 20
RES0598	50	65	42	49	44	46	45	47	< 20	< 20
RES0599	50	65	42	49	45	46	45	48	< 20	< 20
RES0600	50	65	40	47	42	44	44	47	< 20	< 20
RES0601	50	65	40	47	42	44	44	47	< 20	< 20
RES0602	50	65	41	47	42	44	44	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0603	50	65	39	46	41	43	42	45	< 20	< 20
RES0604	50	65	39	46	41	43	43	46	< 20	< 20
RES0605	50	65	40	47	42	44	43	46	< 20	< 20
RES0606	50	65	41	48	43	45	44	47	< 20	< 20
RES0607	50	65	41	48	43	45	44	47	< 20	< 20
RES0608	50	65	40	47	42	44	43	46	< 20	< 20
RES0609	50	65	40	47	42	44	44	47	< 20	< 20
RES0610	50	65	41	48	43	45	44	47	< 20	< 20
RES0611	50	65	41	48	43	45	44	47	< 20	< 20
RES0612	50	65	41	48	43	45	45	47	< 20	< 20
RES0613	50	65	39	46	41	43	43	45	< 20	< 20
RES0614	50	65	42	48	44	45	45	47	< 20	< 20
RES0615	50	65	40	47	42	44	43	46	< 20	< 20
RES0616	50	65	39	46	41	43	42	45	< 20	< 20
RES0617	50	65	40	47	42	44	44	46	< 20	< 20
RES0618	50	65	52	59	48	55	54	41	< 20	< 20
RES0619	50	65	40	47	42	44	43	46	< 20	< 20
RES0620	50	65	41	48	43	45	45	47	< 20	< 20
RES0621	50	65	39	46	41	43	43	46	< 20	< 20
RES0622	50	65	41	48	43	45	44	47	< 20	< 20
RES0623	50	65	41	47	42	44	44	47	< 20	< 20
RES0624	50	65	42	49	44	46	45	48	< 20	< 20
RES0625	50	65	40	47	42	44	43	46	< 20	< 20
RES0626	50	65	41	48	44	45	45	47	< 20	< 20
RES0627	50	65	39	46	41	43	42	45	< 20	< 20
RES0628	50	65	41	48	43	45	44	47	< 20	< 20
RES0629	50	65	40	46	42	43	43	46	< 20	< 20
RES0630	50	65	40	47	42	44	43	46	< 20	< 20
RES0631	50	65	41	48	43	45	45	47	< 20	< 20
RES0632	50	65	39	46	41	43	43	46	< 20	< 20
RES0633	50	65	40	47	42	44	44	46	< 20	< 20
RES0634	50	65	41	48	43	45	44	47	< 20	< 20
RES0635	50	65	39	46	41	43	42	45	< 20	< 20
RES0636	50	65	40	47	42	44	44	47	< 20	< 20
RES0637	50	65	41	48	43	45	44	47	< 20	< 20
RES0638	50	65	42	49	44	46	45	48	< 20	< 20
RES0639	50	65	42	49	44	46	45	48	< 20	< 20
RES0640	50	65	39	46	41	43	43	46	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0641	50	65	41	48	43	45	44	47	< 20	< 20
RES0642	50	65	41	48	43	45	45	47	< 20	< 20
RES0643	50	65	40	47	42	44	43	46	< 20	< 20
RES0644	50	65	39	46	41	43	43	46	< 20	< 20
RES0645	50	65	40	47	42	44	44	47	< 20	< 20
RES0646	50	65	41	48	43	45	44	47	< 20	< 20
RES0647	50	65	40	47	42	44	43	46	< 20	< 20
RES0648	50	65	41	47	43	44	44	47	< 20	< 20
RES0649	50	65	40	46	42	43	43	46	< 20	< 20
RES0650	50	65	42	49	44	45	45	48	< 20	< 20
RES0651	50	65	52	59	46	56	54	40	< 20	< 20
RES0652	50	65	42	49	44	46	45	48	< 20	< 20
RES0653	50	65	39	46	41	43	42	45	< 20	< 20
RES0654	50	65	41	48	43	45	44	47	< 20	< 20
RES0655	50	65	39	46	41	43	43	46	< 20	< 20
RES0656	50	65	42	49	44	46	45	48	< 20	< 20
RES0657	50	65	39	46	41	43	42	45	< 20	< 20
RES0658	50	65	41	48	43	45	45	47	< 20	< 20
RES0659	50	65	41	48	43	45	45	48	< 20	< 20
RES0660	50	65	56	63	55	59	58	45	< 20	< 20
RES0661	50	65	40	46	42	44	43	46	< 20	< 20
RES0662	50	65	41	47	42	44	44	47	< 20	< 20
RES0663	50	65	42	49	43	45	45	48	< 20	< 20
RES0664	50	65	41	48	43	45	44	47	< 20	< 20
RES0665	50	65	39	46	41	43	43	46	< 20	< 20
RES0666	50	65	42	49	44	46	45	48	< 20	< 20
RES0667	50	65	40	47	42	44	43	46	< 20	< 20
RES0668	50	65	42	49	44	46	45	48	< 20	< 20
RES0669	50	65	40	47	42	44	44	47	< 20	< 20
RES0670	50	65	42	49	44	46	45	48	< 20	< 20
RES0671	50	65	41	48	43	45	44	47	< 20	< 20
RES0672	50	65	41	48	43	45	44	47	< 20	< 20
RES0673	50	65	39	46	42	43	43	46	< 20	< 20
RES0674	50	65	42	49	43	45	45	48	< 20	< 20
RES0675	50	65	41	48	43	45	45	47	< 20	< 20
RES0676	50	65	39	46	41	43	42	45	< 20	< 20
RES0677	50	65	39	46	41	43	42	45	< 20	< 20
RES0678	50	65	42	49	44	46	45	48	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0679	50	65	42	48	43	45	45	48	< 20	< 20
RES0680	50	65	40	47	42	44	43	46	< 20	< 20
RES0681	50	65	42	49	44	46	45	48	< 20	< 20
RES0682	50	65	39	46	42	43	43	46	< 20	< 20
RES0683	50	65	41	48	43	45	44	47	< 20	< 20
RES0684	50	65	39	46	42	43	43	46	< 20	< 20
RES0685	50	65	42	49	44	46	46	48	< 20	< 20
RES0686	50	65	40	47	42	44	44	47	< 20	< 20
RES0687	50	65	40	47	42	44	43	46	< 20	< 20
RES0688	50	65	40	46	42	43	43	46	< 20	< 20
RES0689	50	65	40	46	42	43	43	46	< 20	< 20
RES0690	50	65	43	49	44	46	46	48	< 20	< 20
RES0691	50	65	40	47	42	44	43	46	< 20	< 20
RES0692	50	65	40	47	42	44	43	46	< 20	< 20
RES0693	50	65	43	50	45	47	46	49	< 20	< 20
RES0694	50	65	42	49	44	46	46	48	< 20	< 20
RES0695	50	65	43	50	45	47	46	49	< 20	< 20
RES0696	50	65	42	49	44	46	46	48	< 20	< 20
RES0697	50	65	41	48	43	45	44	47	< 20	< 20
RES0698	50	65	43	50	45	47	46	49	< 20	< 20
RES0699	50	65	40	47	42	44	43	46	< 20	< 20
RES0700	50	65	60	66	53	63	62	44	< 20	< 20
RES0701	50	65	41	48	43	45	44	47	< 20	< 20
RES0702	50	65	41	48	43	45	45	47	< 20	< 20
RES0703	50	65	42	48	43	45	45	48	< 20	< 20
RES0704	50	65	42	49	44	46	45	48	< 20	< 20
RES0705	50	65	42	49	44	46	45	48	< 20	< 20
RES0706	50	65	43	50	45	47	46	49	< 20	< 20
RES0707	50	65	43	50	45	47	46	49	< 20	< 20
RES0708	50	65	43	49	44	46	46	48	< 20	< 20
RES0709	50	65	43	50	44	46	46	49	< 20	< 20
RES0710	50	65	43	50	44	47	46	49	< 20	< 20
RES0711	50	65	43	50	45	47	46	49	< 20	< 20
RES0712	50	65	57	64	48	60	52	37	< 20	< 20
RES0713	50	65	43	50	45	47	46	49	< 20	< 20
RES0714	50	65	42	49	44	46	46	48	< 20	< 20
RES0715	50	65	44	51	46	47	47	49	< 20	< 20
RES0716	50	65	43	50	45	47	46	49	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0717	50	65	43	50	45	47	46	49	< 20	< 20
RES0718	50	65	42	49	44	46	45	48	< 20	< 20
RES0719	50	65	40	47	42	44	43	46	< 20	< 20
RES0720	50	65	48	55	50	51	47	50	< 20	< 20
RES0721	50	65	40	47	42	44	44	47	< 20	< 20
RES0722	50	65	42	49	44	46	46	48	< 20	< 20
RES0723	50	65	39	46	42	43	43	46	< 20	< 20
RES0724	50	65	44	51	46	48	47	49	< 20	< 20
RES0725	50	65	41	48	43	45	44	47	< 20	< 20
RES0726	50	65	60	66	53	63	62	44	< 20	< 20
RES0727	50	65	42	49	44	46	45	48	< 20	< 20
RES0728	50	65	42	49	44	46	45	48	< 20	< 20
RES0729	50	65	42	49	44	46	45	48	< 20	< 20
RES0730	50	65	42	49	44	46	45	48	< 20	< 20
RES0731	50	65	40	47	43	44	44	47	< 20	< 20
RES0732	50	65	42	49	44	46	46	48	< 20	< 20
RES0733	50	65	42	49	44	46	45	48	< 20	< 20
RES0734	50	65	42	49	44	46	45	48	< 20	< 20
RES0735	50	65	42	49	44	46	46	48	< 20	< 20
RES0736	50	65	39	46	42	43	42	46	< 20	< 20
RES0737	50	65	42	49	44	46	45	48	< 20	< 20
RES0738	50	65	42	49	44	46	46	48	< 20	< 20
RES0739	50	65	42	49	44	46	46	48	< 20	< 20
RES0740	50	65	43	50	44	47	46	49	< 20	< 20
RES0741	50	65	43	50	45	47	47	49	< 20	< 20
RES0742	50	65	47	54	49	51	48	50	< 20	< 20
RES0743	50	65	41	47	43	44	44	47	< 20	< 20
RES0744	50	65	44	51	46	48	47	50	< 20	< 20
RES0745	50	65	45	51	46	48	47	50	< 20	< 20
RES0746	50	65	43	50	45	47	46	49	< 20	< 20
RES0747	50	65	43	50	45	47	46	49	< 20	< 20
RES0748	50	65	43	50	45	47	46	49	< 20	< 20
RES0749	50	65	41	48	43	45	44	47	< 20	< 20
RES0750	50	65	44	51	45	48	47	49	< 20	< 20
RES0751	50	65	43	50	45	47	47	49	< 20	< 20
RES0752	50	65	59	65	49	62	54	38	< 20	< 20
RES0753	50	65	43	49	44	46	46	48	< 20	< 20
RES0754	50	65	41	48	43	45	44	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0755	50	65	44	51	46	48	47	50	< 20	< 20
RES0756	50	65	44	50	45	47	47	49	< 20	< 20
RES0757	50	65	44	51	45	47	47	49	< 20	< 20
RES0758	50	65	41	48	43	45	44	47	< 20	< 20
RES0759	50	65	44	51	46	48	47	50	< 20	< 20
RES0760	50	65	41	48	43	45	44	47	< 20	< 20
RES0761	50	65	44	51	46	48	47	50	< 20	< 20
RES0762	50	65	43	50	45	47	46	49	< 20	< 20
RES0763	50	65	41	48	43	45	44	47	< 20	< 20
RES0764	50	65	43	50	45	47	47	49	< 20	< 20
RES0765	50	65	43	50	45	47	47	49	< 20	< 20
RES0766	50	65	58	64	45	61	56	36	< 20	< 20
RES0767	50	65	45	51	46	48	48	50	< 20	< 20
RES0768	50	65	41	48	43	45	44	47	< 20	< 20
RES0769	50	65	39	46	42	43	42	45	< 20	< 20
RES0770	50	65	41	48	43	45	44	47	< 20	< 20
RES0771	50	65	58	65	46	61	54	36	< 20	< 20
RES0772	50	65	45	52	47	49	48	50	< 20	< 20
RES0773	50	65	44	51	45	48	47	50	< 20	< 20
RES0774	50	65	44	51	45	47	47	49	< 20	< 20
RES0775	50	65	45	52	47	49	48	50	< 20	< 20
RES0776	50	65	41	48	43	45	45	47	< 20	< 20
RES0777	50	65	41	47	43	44	44	47	< 20	< 20
RES0778	50	65	44	51	46	48	47	50	< 20	< 20
RES0779	50	65	44	51	46	48	47	50	< 20	< 20
RES0780	50	65	45	52	47	49	48	50	< 20	< 20
RES0781	50	65	41	48	43	45	44	47	< 20	< 20
RES0782	50	65	41	48	43	45	44	47	< 20	< 20
RES0783	50	65	41	48	43	45	44	47	< 20	< 20
RES0784	50	65	44	51	46	48	47	50	< 20	< 20
RES0785	50	65	41	48	43	45	44	47	< 20	< 20
RES0786	50	65	45	52	46	48	48	50	< 20	< 20
RES0787	50	65	41	48	43	45	44	47	< 20	< 20
RES0788	50	65	44	51	46	48	47	50	< 20	< 20
RES0789	50	65	41	48	43	45	44	47	< 20	< 20
RES0790	50	65	41	48	43	45	44	47	< 20	< 20
RES0791	50	65	45	52	47	49	48	50	< 20	< 20
RES0792	50	65	41	48	43	45	44	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0793	50	65	40	47	43	44	43	46	< 20	< 20
RES0794	50	65	40	47	43	44	43	46	< 20	< 20
RES0795	50	65	42	48	44	45	45	48	< 20	< 20
RES0796	50	65	45	52	47	49	48	50	< 20	< 20
RES0797	50	65	45	52	47	49	48	50	< 20	< 20
RES0798	50	65	41	48	43	45	44	47	< 20	< 20
RES0799	50	65	40	47	43	44	43	46	< 20	< 20
RES0800	50	65	45	52	46	49	48	50	< 20	< 20
RES0801	50	65	40	47	43	44	43	46	< 20	< 20
RES0802	50	65	40	47	43	44	43	46	< 20	< 20
RES0803	50	65	42	48	44	45	45	48	< 20	< 20
RES0804	50	65	42	49	44	46	45	48	< 20	< 20
RES0805	50	65	45	52	46	48	48	50	< 20	< 20
RES0806	50	65	42	49	44	46	45	48	< 20	< 20
RES0807	50	65	39	46	42	43	42	44	< 20	< 20
RES0808	50	65	45	52	46	49	48	50	< 20	< 20
RES0809	50	65	44	50	45	47	47	49	< 20	< 20
RES0810	50	65	39	46	42	43	42	45	< 20	< 20
RES0811	50	65	41	48	43	45	44	47	< 20	< 20
RES0812	50	65	39	46	42	43	42	45	< 20	< 20
RES0813	50	65	42	49	44	46	45	48	< 20	< 20
RES0814	50	65	41	48	44	45	44	47	< 20	< 20
RES0815	50	65	46	53	48	50	49	51	< 20	< 20
RES0816	50	65	39	46	42	43	42	45	< 20	< 20
RES0817	50	65	39	46	42	43	42	45	< 20	< 20
RES0818	50	65	40	46	43	43	43	45	< 20	< 20
RES0819	50	65	45	52	46	49	48	50	< 20	< 20
RES0820	50	65	41	48	44	45	45	47	< 20	< 20
RES0821	50	65	40	47	43	44	43	46	< 20	< 20
RES0822	50	65	46	53	47	50	49	51	< 20	< 20
RES0823	50	65	40	47	43	44	43	46	< 20	< 20
RES0824	50	65	45	52	46	49	48	50	< 20	< 20
RES0825	50	65	46	53	47	49	49	51	< 20	< 20
RES0826	50	65	45	52	46	49	48	50	< 20	< 20
RES0827	50	65	40	47	43	44	43	46	< 20	< 20
RES0828	50	65	44	51	45	48	47	49	< 20	< 20
RES0829	50	65	40	47	43	44	43	46	< 20	< 20
RES0830	50	65	40	47	43	44	43	46	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0831	50	65	46	53	47	49	49	51	< 20	< 20
RES0832	50	65	42	49	44	46	45	48	< 20	< 20
RES0833	50	65	46	53	47	49	49	51	< 20	< 20
RES0834	50	65	45	52	46	49	48	50	< 20	< 20
RES0835	50	65	40	46	42	43	42	45	< 20	< 20
RES0836	50	65	45	52	46	48	48	50	< 20	< 20
RES0837	50	65	46	53	48	50	49	51	< 20	< 20
RES0838	50	65	41	47	43	44	43	46	< 20	< 20
RES0839	50	65	46	53	47	49	49	51	< 20	< 20
RES0840	50	65	51	58	54	55	49	51	< 20	< 20
RES0841	50	65	45	52	46	48	48	50	< 20	< 20
RES0842	50	65	46	53	47	49	49	51	< 20	< 20
RES0843	50	65	42	49	44	46	45	48	< 20	< 20
RES0844	50	65	45	52	46	48	48	50	< 20	< 20
RES0845	50	65	41	48	44	45	44	47	< 20	< 20
RES0846	50	65	40	46	43	43	43	45	< 20	< 20
RES0847	50	65	46	52	47	49	49	51	< 20	< 20
RES0848	50	65	46	53	48	50	49	51	< 20	< 20
RES0849	50	65	41	48	43	45	44	46	< 20	< 20
RES0850	50	65	44	51	46	48	47	50	< 20	< 20
RES0851	50	65	45	52	46	48	48	50	< 20	< 20
RES0852	50	65	41	48	44	45	44	47	< 20	< 20
RES0853	50	65	46	52	47	49	49	51	< 20	< 20
RES0854	50	65	45	52	46	48	48	50	< 20	< 20
RES0855	50	65	41	48	44	45	44	47	< 20	< 20
RES0856	50	65	52	58	54	55	49	51	< 20	< 20
RES0857	50	65	42	49	44	46	45	48	< 20	< 20
RES0858	50	65	46	52	47	49	49	51	< 20	< 20
RES0859	50	65	45	51	46	48	48	50	< 20	< 20
RES0860	50	65	41	48	43	45	44	47	< 20	< 20
RES0861	50	65	45	51	46	48	48	50	< 20	< 20
RES0862	50	65	40	47	43	44	43	46	< 20	< 20
RES0863	50	65	40	47	43	44	43	45	< 20	< 20
RES0864	50	65	46	52	47	49	49	51	< 20	< 20
RES0865	50	65	40	47	43	44	43	46	< 20	< 20
RES0866	50	65	40	47	43	44	43	46	< 20	< 20
RES0867	50	65	39	46	42	43	42	45	< 20	< 20
RES0868	50	65	45	52	47	49	48	51	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0869	50	65	40	47	43	44	43	46	< 20	< 20
RES0870	50	65	39	46	42	43	42	45	< 20	< 20
RES0871	50	65	45	51	46	48	48	50	< 20	< 20
RES0872	50	65	41	48	44	45	44	47	< 20	< 20
RES0873	50	65	40	47	43	44	43	46	< 20	< 20
RES0874	50	65	39	46	42	43	43	45	< 20	< 20
RES0875	50	65	40	47	43	44	43	46	< 20	< 20
RES0876	50	65	41	48	44	45	44	47	< 20	< 20
RES0877	50	65	47	54	48	50	49	52	< 20	< 20
RES0878	50	65	40	47	43	44	43	46	< 20	< 20
RES0879	50	65	44	51	46	48	47	50	< 20	< 20
RES0880	50	65	39	46	42	43	43	45	< 20	< 20
RES0881	50	65	45	52	47	49	48	51	< 20	< 20
RES0882	50	65	40	46	42	43	43	45	< 20	< 20
RES0883	50	65	46	53	47	50	49	51	< 20	< 20
RES0884	50	65	40	47	43	44	43	45	< 20	< 20
RES0885	50	65	45	52	47	49	48	51	< 20	< 20
RES0886	50	65	40	47	43	44	43	45	< 20	< 20
RES0887	50	65	41	48	44	45	44	47	< 20	< 20
RES0888	50	65	47	54	48	51	50	52	< 20	< 20
RES0889	50	65	45	52	47	49	48	51	< 20	< 20
RES0890	50	65	61	68	43	64	63	39	< 20	< 20
RES0891	50	65	41	48	44	45	44	47	< 20	< 20
RES0892	50	65	46	53	48	50	49	52	< 20	< 20
RES0893	50	65	40	47	43	44	43	46	< 20	< 20
RES0894	50	65	45	52	47	49	48	51	< 20	< 20
RES0895	50	65	46	53	47	50	49	51	< 20	< 20
RES0896	50	65	39	46	42	43	43	45	< 20	< 20
RES0897	50	65	41	48	44	45	44	46	< 20	< 20
RES0898	50	65	40	47	43	44	43	46	< 20	< 20
RES0899	50	65	46	53	48	50	49	52	< 20	< 20
RES0900	50	65	45	52	47	49	48	51	< 20	< 20
RES0901	50	65	41	47	43	44	43	46	< 20	< 20
RES0902	50	65	39	46	42	43	43	45	< 20	< 20
RES0903	50	65	41	48	44	45	44	46	< 20	< 20
RES0904	50	65	39	46	42	43	43	45	< 20	< 20
RES0905	50	65	41	48	44	45	44	46	< 20	< 20
RES0906	50	65	45	52	47	49	48	50	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0907	50	65	41	48	44	45	44	47	< 20	< 20
RES0908	50	65	47	54	48	50	50	52	< 20	< 20
RES0909	50	65	40	47	43	44	43	45	< 20	< 20
RES0910	50	65	42	48	44	45	44	47	< 20	< 20
RES0911	50	65	47	54	48	51	50	52	< 20	< 20
RES0912	50	65	45	52	47	49	48	50	< 20	< 20
RES0913	50	65	40	47	43	44	43	46	< 20	< 20
RES0914	50	65	40	47	43	44	43	45	< 20	< 20
RES0915	50	65	46	53	48	50	49	51	< 20	< 20
RES0916	50	65	40	47	43	44	43	45	< 20	< 20
RES0917	50	65	45	52	47	49	48	50	< 20	< 20
RES0918	50	65	40	47	43	44	43	45	< 20	< 20
RES0919	50	65	47	54	48	50	49	52	< 20	< 20
RES0920	50	65	40	47	43	44	43	46	< 20	< 20
RES0921	50	65	64	71	51	67	65	43	< 20	< 20
RES0922	50	65	57	64	59	60	53	51	< 20	< 20
RES0923	50	65	42	49	44	45	44	47	< 20	< 20
RES0924	50	65	45	52	46	49	48	50	< 20	< 20
RES0925	50	65	47	54	48	51	50	52	< 20	< 20
RES0926	50	65	46	53	48	50	49	51	< 20	< 20
RES0927	50	65	58	65	60	61	55	50	< 20	< 20
RES0928	50	65	56	63	58	59	52	51	< 20	< 20
RES0929	50	65	45	52	46	48	48	50	< 20	< 20
RES0930	50	65	47	53	48	50	49	52	< 20	< 20
RES0931	50	65	47	54	48	51	50	52	< 20	< 20
RES0932	50	65	45	52	47	49	48	50	< 20	< 20
RES0933	50	65	42	49	45	46	45	47	< 20	< 20
RES0934	50	65	45	52	46	48	48	50	< 20	< 20
RES0935	50	65	46	53	47	50	49	51	< 20	< 20
RES0936	50	65	41	48	44	45	44	46	< 20	< 20
RES0937	50	65	41	48	44	45	44	46	< 20	< 20
RES0938	50	65	45	51	46	48	48	50	< 20	< 20
RES0939	50	65	41	48	44	45	44	46	< 20	< 20
RES0940	50	65	41	48	44	45	44	46	< 20	< 20
RES0941	50	65	41	48	44	45	44	46	< 20	< 20
RES0942	50	65	56	62	58	59	52	52	< 20	< 20
RES0943	50	65	40	47	43	44	44	46	< 20	< 20
RES0944	50	65	41	48	44	45	44	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0945	50	65	46	52	47	49	48	51	< 20	< 20
RES0946	50	65	45	52	47	49	48	51	< 20	< 20
RES0947	50	65	48	54	49	51	50	52	< 20	< 20
RES0948	50	65	44	51	46	48	47	50	< 20	< 20
RES0949	50	65	45	51	46	48	48	50	< 20	< 20
RES0950	50	65	46	53	47	50	49	51	< 20	< 20
RES0951	50	65	44	51	46	48	47	50	< 20	< 20
RES0952	50	65	47	54	48	50	49	52	< 20	< 20
RES0953	50	65	42	48	44	45	44	47	< 20	< 20
RES0954	50	65	46	53	47	50	49	51	< 20	< 20
RES0955	50	65	41	48	44	45	44	47	< 20	< 20
RES0956	50	65	55	62	57	58	51	52	< 20	< 20
RES0957	50	65	42	49	45	46	44	47	< 20	< 20
RES0958	50	65	44	51	46	48	47	50	< 20	< 20
RES0959	50	65	42	49	45	46	45	47	< 20	< 20
RES0960	50	65	55	62	57	58	51	52	< 20	< 20
RES0961	50	65	46	53	47	50	49	51	< 20	< 20
RES0962	50	65	42	49	45	46	45	48	< 20	< 20
RES0963	50	65	45	52	47	49	48	51	< 20	< 20
RES0964	50	65	43	49	45	46	45	48	< 20	< 20
RES0965	50	65	42	49	45	46	45	48	< 20	< 20
RES0966	50	65	44	51	46	48	47	50	< 20	< 20
RES0967	50	65	43	49	45	46	45	48	< 20	< 20
RES0968	50	65	44	51	46	48	47	50	< 20	< 20
RES0969	50	65	46	52	47	49	48	51	< 20	< 20
RES0970	50	65	44	51	46	48	47	49	< 20	< 20
RES0971	50	65	45	52	47	49	48	50	< 20	< 20
RES0972	50	65	44	51	46	48	47	49	< 20	< 20
RES0973	50	65	44	51	46	48	47	50	< 20	< 20
RES0974	50	65	72	79	68	75	58	46	< 20	< 20
RES0975	50	65	41	48	44	45	44	46	< 20	< 20
RES0976	50	65	45	51	46	48	47	50	< 20	< 20
RES0977	50	65	41	48	44	45	44	47	< 20	< 20
RES0978	50	65	42	48	44	45	44	47	< 20	< 20
RES0979	50	65	44	51	46	48	47	49	< 20	< 20
RES0980	50	65	42	49	45	46	44	47	< 20	< 20
RES0981	50	65	41	48	44	45	44	46	< 20	< 20
RES0982	50	65	42	49	45	46	45	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0983	50	65	42	49	45	46	45	47	< 20	< 20
RES0984	50	65	45	52	46	48	48	50	< 20	< 20
RES0985	50	65	44	51	46	48	47	50	< 20	< 20
RES0986	50	65	41	48	44	45	44	46	< 20	< 20
RES0987	50	65	44	51	46	47	46	49	< 20	< 20
RES0988	50	65	48	54	49	51	50	52	< 20	< 20
RES0989	50	65	42	49	45	46	45	48	< 20	< 20
RES0990	50	65	72	78	56	74	57	60	< 20	< 20
RES0991	50	65	43	49	45	46	45	48	< 20	< 20
RES0992	50	65	43	50	45	46	45	48	< 20	< 20
RES0993	50	65	44	51	46	48	47	50	< 20	< 20
RES0994	50	65	43	50	46	47	45	48	< 20	< 20
RES0995	50	65	41	48	44	45	44	46	< 20	< 20
RES0996	50	65	43	50	46	47	46	48	< 20	< 20
RES0997	50	65	43	50	46	47	46	48	< 20	< 20
RES0998	50	65	42	49	45	46	45	47	< 20	< 20
RES0999	50	65	43	50	46	47	46	49	< 20	< 20
RES1000	50	65	43	50	46	47	46	48	< 20	< 20
RES1001	50	65	44	51	46	48	46	49	< 20	< 20
RES1002	50	65	44	50	46	47	46	49	< 20	< 20
RES1003	50	65	42	48	44	45	44	47	< 20	< 20
RES1004	50	65	42	49	45	46	45	47	< 20	< 20
RES1005	50	65	41	48	44	45	44	46	< 20	< 20
RES1006	50	65	42	49	45	46	45	47	< 20	< 20
RES1007	50	65	42	49	45	46	45	47	< 20	< 20
RES1008	50	65	47	54	48	51	50	51	< 20	< 20
RES1009	50	65	44	51	46	47	46	49	< 20	< 20
RES1010	50	65	40	47	43	44	44	46	< 20	< 20
RES1011	50	65	42	49	45	46	45	47	< 20	< 20
RES1012	50	65	43	50	46	47	45	48	< 20	< 20
RES1013	50	65	54	60	55	57	52	54	< 20	< 20
RES1014	50	65	44	51	47	48	47	49	< 20	< 20
RES1015	50	65	44	51	46	48	46	49	< 20	< 20
RES1016	50	65	43	50	46	47	46	48	< 20	< 20
RES1017	50	65	45	52	47	49	48	50	< 20	< 20
RES1018	50	65	43	50	46	47	46	48	< 20	< 20
RES1019	50	65	47	53	48	50	49	52	< 20	< 20
RES1020	50	65	43	50	46	47	46	49	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1021	50	65	42	49	45	46	45	47	< 20	< 20
RES1022	50	65	43	49	45	46	45	48	< 20	< 20
RES1023	50	65	44	51	46	47	46	49	< 20	< 20
RES1024	50	65	43	50	46	47	46	48	< 20	< 20
RES1025	50	65	52	59	52	55	53	55	< 20	< 20
RES1026	50	65	42	49	45	46	45	47	< 20	< 20
RES1027	50	65	44	51	46	48	46	49	< 20	< 20
RES1028	50	65	42	49	45	46	45	47	< 20	< 20
RES1029	50	65	52	59	52	55	53	55	< 20	< 20
RES1030	50	65	43	50	46	47	45	48	< 20	< 20
RES1031	50	65	39	46	41	43	42	45	< 20	< 20
RES1032	50	65	42	49	45	46	45	47	< 20	< 20
RES1033	50	65	43	50	46	47	46	48	< 20	< 20
RES1034	50	65	52	58	52	55	53	55	< 20	< 20
RES1035	50	65	42	49	45	46	45	47	< 20	< 20
RES1036	50	65	43	49	45	46	45	47	< 20	< 20
RES1037	50	65	43	50	46	47	46	48	< 20	< 20
RES1038	50	65	43	50	46	47	45	48	< 20	< 20
RES1039	50	65	58	64	59	61	52	54	< 20	< 20
RES1040	50	65	45	51	47	48	47	50	< 20	< 20
RES1041	50	65	44	51	46	47	46	49	< 20	< 20
RES1042	50	65	52	58	51	55	53	55	< 20	< 20
RES1043	50	65	78	85	71	81	79	68	< 20	< 20
RES1044	50	65	44	51	46	48	46	49	< 20	< 20
RES1045	50	65	39	46	42	43	43	45	< 20	< 20
RES1046	50	65	44	50	46	47	46	48	< 20	< 20
RES1047	50	65	39	46	42	43	43	45	< 20	< 20
RES1048	50	65	44	51	47	48	47	49	< 20	< 20
RES1049	50	65	39	46	42	43	42	45	< 20	< 20
RES1050	50	65	43	50	46	47	46	48	< 20	< 20
RES1051	50	65	39	46	40	43	41	42	< 20	< 20
RES1052	50	65	45	52	46	48	48	50	< 20	< 20
RES1053	50	65	51	58	52	55	53	55	< 20	< 20
RES1054	50	65	44	51	47	48	47	49	< 20	< 20
RES1055	50	65	53	60	53	56	54	55	< 20	< 20
RES1056	50	65	50	57	51	54	53	54	< 20	< 20
RES1057	50	65	42	49	45	46	45	47	< 20	< 20
RES1058	50	65	42	49	45	46	45	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1059	50	65	42	49	45	46	45	47	< 20	< 20
RES1060	50	65	42	49	45	46	45	47	< 20	< 20
RES1061	50	65	43	50	46	46	46	47	< 20	< 20
RES1062	50	65	43	49	45	46	45	47	< 20	< 20
RES1063	50	65	47	54	48	50	49	52	< 20	< 20
RES1064	50	65	43	50	46	47	46	48	< 20	< 20
RES1065	50	65	44	50	46	47	46	48	< 20	< 20
RES1066	50	65	50	57	51	53	52	54	< 20	< 20
RES1067	50	65	43	50	46	47	46	48	< 20	< 20
RES1068	50	65	51	58	52	54	53	55	< 20	< 20
RES1069	50	65	43	50	46	47	46	48	< 20	< 20
RES1070	50	65	44	51	47	48	46	49	< 20	< 20
RES1071	50	65	50	57	51	53	52	54	< 20	< 20
RES1072	50	65	53	60	52	56	54	56	< 20	< 20
RES1073	50	65	44	51	47	48	46	49	< 20	< 20
RES1074	50	65	44	51	47	48	47	49	< 20	< 20
RES1075	50	65	51	58	52	54	53	55	< 20	< 20
RES1076	50	65	53	60	53	57	54	56	< 20	< 20
RES1077	50	65	51	58	52	54	53	55	< 20	< 20
RES1078	50	65	44	51	47	48	47	49	< 20	< 20
RES1079	50	65	44	51	47	48	47	49	< 20	< 20
RES1080	50	65	51	58	52	54	53	55	< 20	< 20
RES1081	50	65	51	58	52	54	53	55	< 20	< 20
RES1082	50	65	48	55	49	51	50	53	< 20	< 20
RES1083	50	65	51	58	52	54	53	55	< 20	< 20
RES1084	50	65	51	58	51	54	53	55	< 20	< 20
RES1085	50	65	51	57	51	54	53	55	< 20	< 20
RES1086	50	65	51	58	52	54	53	55	< 20	< 20
RES1087	50	65	53	60	53	57	55	56	< 20	< 20
RES1088	50	65	54	61	53	57	55	56	< 20	< 20
RES1089	50	65	52	59	53	55	54	56	< 20	< 20
RES1090	50	65	43	50	46	47	46	48	< 20	< 20
RES1091	50	65	51	57	51	54	53	55	< 20	< 20
RES1092	50	65	43	50	46	47	46	48	< 20	< 20
RES1093	50	65	51	57	51	54	53	55	< 20	< 20
RES1094	50	65	44	50	46	47	46	48	< 20	< 20
RES1095	50	65	46	53	48	50	48	51	< 20	< 20
RES1096	50	65	44	51	47	48	46	48	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1097	50	65	50	57	51	54	53	55	< 20	< 20
RES1098	50	65	50	57	51	54	53	55	< 20	< 20
RES1099	50	65	54	61	53	57	55	57	< 20	< 20
RES1100	50	65	44	51	47	48	47	49	< 20	< 20
RES1101	50	65	50	57	51	54	52	54	< 20	< 20
RES1102	50	65	44	51	47	48	47	48	< 20	< 20
RES1103	50	65	44	51	47	48	47	49	< 20	< 20
RES1104	50	65	54	61	53	57	55	57	< 20	< 20
RES1105	50	65	50	57	51	54	52	54	< 20	< 20
RES1106	50	65	45	51	47	48	47	49	< 20	< 20
RES1107	50	65	45	52	47	48	47	49	< 20	< 20
RES1108	50	65	47	54	49	51	49	52	< 20	< 20
RES1109	50	65	53	59	53	56	55	56	< 20	< 20
RES1110	50	65	45	52	48	49	47	49	< 20	< 20
RES1111	50	65	45	52	48	49	47	49	< 20	< 20
RES1112	50	65	50	57	51	53	52	54	< 20	< 20
RES1113	50	65	52	58	52	55	54	55	< 20	< 20
RES1114	50	65	45	52	48	49	47	50	< 20	< 20
RES1115	50	65	50	57	51	53	52	54	< 20	< 20
RES1116	50	65	-*	-*	71	-*	58	45	< 20	< 20
RES1117	50	65	51	58	52	55	54	55	< 20	< 20
RES1118	50	65	54	61	54	57	56	57	< 20	< 20
RES1119	50	65	47	54	49	51	49	51	< 20	< 20
RES1120	50	65	50	57	51	53	52	54	< 20	< 20
RES1121	50	65	51	58	52	55	54	55	< 20	< 20
RES1122	50	65	47	54	49	51	49	51	< 20	< 20
RES1123	50	65	53	59	53	56	55	56	< 20	< 20
RES1124	50	65	54	61	54	57	56	57	< 20	< 20
RES1125	50	65	44	51	47	48	47	48	< 20	< 20
RES1126	50	65	53	60	53	56	55	57	< 20	< 20
RES1127	50	65	51	58	52	55	54	55	< 20	< 20
RES1128	50	65	44	51	46	47	47	48	< 20	< 20
RES1129	50	65	51	58	52	54	53	55	< 20	< 20
RES1130	50	65	55	62	54	58	56	57	< 20	< 20
RES1131	50	65	43	49	45	46	46	48	< 20	< 20
RES1132	50	65	44	51	47	48	47	48	< 20	< 20
RES1133	50	65	51	58	52	55	53	55	< 20	< 20
RES1134	50	65	44	51	47	48	47	48	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1135	50	65	50	57	51	54	53	55	< 20	< 20
RES1136	50	65	44	51	47	48	47	48	< 20	< 20
RES1137	50	65	52	59	53	56	55	56	< 20	< 20
RES1138	50	65	47	54	49	51	49	51	< 20	< 20
RES1139	50	65	53	60	53	56	55	57	< 20	< 20
RES1140	50	65	55	61	54	58	56	57	< 20	< 20
RES1141	50	65	47	54	49	51	49	51	< 20	< 20
RES1142	50	65	45	52	48	49	47	49	< 20	< 20
RES1143	50	65	45	52	48	49	47	49	< 20	< 20
RES1144	50	65	51	58	52	54	53	55	< 20	< 20
RES1145	50	65	45	52	48	49	48	49	< 20	< 20
RES1146	50	65	45	52	48	49	47	49	< 20	< 20
RES1147	50	65	47	54	49	51	49	51	< 20	< 20
RES1148	50	65	45	52	48	49	48	49	< 20	< 20
RES1149	50	65	52	59	53	56	54	56	< 20	< 20
RES1150	50	65	51	58	52	55	53	55	< 20	< 20
RES1151	50	65	52	59	53	56	54	56	< 20	< 20
RES1152	50	65	49	56	50	53	51	53	< 20	< 20
RES1153	50	65	45	52	48	49	48	49	< 20	< 20
RES1154	50	65	47	54	49	50	49	51	< 20	< 20
RES1155	50	65	46	53	48	49	48	50	< 20	< 20
RES1156	50	65	46	52	48	49	48	50	< 20	< 20
RES1157	50	65	52	59	53	55	54	56	< 20	< 20
RES1158	50	65	56	62	55	59	57	58	< 20	< 20
RES1159	50	65	43	50	45	47	46	48	< 20	< 20
RES1160	50	65	53	60	54	57	55	57	< 20	< 20
RES1161	50	65	49	56	50	53	51	53	< 20	< 20
RES1162	50	65	49	56	50	53	52	54	< 20	< 20
RES1163	50	65	51	58	52	54	53	55	< 20	< 20
RES1164	50	65	52	59	53	55	54	56	< 20	< 20
RES1165	50	65	41	48	43	45	43	45	< 20	< 20
RES1166	50	65	52	59	53	55	54	56	< 20	< 20
RES1167	50	65	52	59	52	55	54	56	< 20	< 20
RES1168	50	65	49	55	50	52	50	53	< 20	< 20
RES1169	50	65	43	50	46	47	46	48	< 20	< 20
RES1170	50	65	51	58	52	55	53	55	< 20	< 20
RES1171	50	65	49	56	50	53	51	53	< 20	< 20
RES1172	50	65	49	56	51	53	51	53	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1173	50	65	49	55	50	52	50	53	< 20	< 20
RES1174	50	65	52	59	53	55	54	56	< 20	< 20
RES1175	50	65	43	50	46	47	46	48	< 20	< 20
RES1176	50	65	54	61	54	57	56	57	< 20	< 20
RES1177	50	65	52	59	52	55	54	56	< 20	< 20
RES1178	50	65	45	52	48	49	48	49	< 20	< 20
RES1179	50	65	51	58	52	54	53	55	< 20	< 20
RES1180	50	65	84	90	47	86	75	42	< 20	< 20
RES1181	50	65	49	56	51	53	51	53	< 20	< 20
RES1182	50	65	55	62	55	58	57	58	< 20	< 20
RES1183	50	65	46	53	49	50	48	50	< 20	< 20
RES1184	50	65	46	53	49	50	48	50	< 20	< 20
RES1185	50	65	52	59	53	56	54	56	< 20	< 20
RES1186	50	65	50	57	51	53	52	54	< 20	< 20
RES1187	50	65	52	59	53	55	54	56	< 20	< 20
RES1188	50	65	50	57	51	53	51	54	< 20	< 20
RES1189	50	65	43	50	46	47	46	48	< 20	< 20
RES1190	50	65	46	53	49	50	48	50	< 20	< 20
RES1191	50	65	51	58	52	55	53	55	< 20	< 20
RES1192	50	65	49	56	51	52	51	53	< 20	< 20
RES1193	50	65	46	53	48	50	48	49	< 20	< 20
RES1194	50	65	49	56	51	53	51	53	< 20	< 20
RES1195	50	65	54	61	55	58	56	58	< 20	< 20
RES1196	50	65	51	58	52	55	54	55	< 20	< 20
RES1197	50	65	51	58	52	54	53	55	< 20	< 20
RES1198	50	65	49	56	51	52	51	52	< 20	< 20
RES1199	50	65	49	55	51	52	50	52	< 20	< 20
RES1200	50	65	44	50	46	47	47	49	< 20	< 20
RES1201	50	65	46	53	49	50	49	50	< 20	< 20
RES1202	50	65	52	59	53	56	54	56	< 20	< 20
RES1203	50	65	48	55	50	52	50	52	< 20	< 20
RES1204	50	65	50	57	51	54	52	54	< 20	< 20
RES1205	50	65	53	60	53	56	55	57	< 20	< 20
RES1206	50	65	50	57	51	53	51	53	< 20	< 20
RES1207	50	65	51	58	52	54	53	55	< 20	< 20
RES1208	50	65	46	53	49	50	49	50	< 20	< 20
RES1209	50	65	44	50	46	47	47	49	< 20	< 20
RES1210	50	65	51	58	51	54	53	55	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1211	50	65	52	59	53	55	54	56	< 20	< 20
RES1212	50	65	50	57	51	54	52	54	< 20	< 20
RES1213	50	65	51	58	52	55	53	55	< 20	< 20
RES1214	50	65	74	80	46	77	71	41	< 20	< 20
RES1215	50	65	49	56	51	53	51	53	< 20	< 20
RES1216	50	65	49	56	51	52	50	52	< 20	< 20
RES1217	50	65	51	57	52	54	52	54	< 20	< 20
RES1218	50	65	55	62	55	58	57	58	< 20	< 20
RES1219	50	65	54	60	54	57	55	57	< 20	< 20
RES1220	50	65	48	55	51	52	50	52	< 20	< 20
RES1221	50	65	44	51	46	48	47	49	< 20	< 20
RES1222	50	65	52	59	53	55	54	56	< 20	< 20
RES1223	50	65	50	57	52	54	52	54	< 20	< 20
RES1224	50	65	52	58	52	55	53	55	< 20	< 20
RES1225	50	65	56	63	56	59	58	59	< 20	< 20
RES1226	50	65	49	56	51	52	51	52	< 20	< 20
RES1227	50	65	51	58	52	55	53	55	< 20	< 20
RES1228	50	65	49	56	51	53	51	53	< 20	< 20
RES1229	50	65	48	55	51	52	50	51	< 20	< 20
RES1230	50	65	50	57	52	54	52	53	< 20	< 20
RES1231	50	65	54	61	54	57	56	57	< 20	< 20
RES1232	50	65	44	51	46	48	47	49	< 20	< 20
RES1233	50	65	52	59	52	55	54	55	< 20	< 20
RES1234	50	65	51	58	52	54	52	54	< 20	< 20
RES1235	50	65	50	56	51	53	51	53	< 20	< 20
RES1236	50	65	53	60	54	57	55	57	< 20	< 20
RES1237	50	65	49	56	51	53	51	52	< 20	< 20
RES1238	50	65	55	61	55	58	56	58	< 20	< 20
RES1239	50	65	48	55	51	52	50	51	< 20	< 20
RES1240	50	65	55	62	55	58	57	58	< 20	< 20
RES1241	50	65	50	57	52	54	52	54	< 20	< 20
RES1242	50	65	44	51	47	48	47	49	< 20	< 20
RES1243	50	65	51	58	52	54	52	54	< 20	< 20
RES1244	50	65	48	55	51	52	50	51	< 20	< 20
RES1245	50	65	49	56	51	53	51	52	< 20	< 20
RES1246	50	65	56	63	56	59	58	59	< 20	< 20
RES1247	50	65	52	59	52	55	53	55	< 20	< 20
RES1248	50	65	51	58	52	55	53	55	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1249	50	65	53	60	54	56	55	57	< 20	< 20
RES1250	50	65	52	59	53	55	53	55	< 20	< 20
RES1251	50	65	52	58	52	55	53	55	< 20	< 20
RES1252	50	65	50	57	52	53	51	53	< 20	< 20
RES1253	50	65	48	55	51	52	50	51	< 20	< 20
RES1254	50	65	51	57	52	54	52	54	< 20	< 20
RES1255	50	65	53	60	54	56	55	56	< 20	< 20
RES1256	50	65	44	51	47	48	47	49	< 20	< 20
RES1257	50	65	52	59	53	56	54	56	< 20	< 20
RES1258	50	65	57	64	57	60	59	60	< 20	< 20
RES1259	50	65	71	78	50	74	72	43	< 20	< 20
RES1260	50	65	49	56	52	53	51	52	< 20	< 20
RES1261	50	65	53	59	53	56	54	56	< 20	< 20
RES1262	50	65	53	60	53	56	55	56	< 20	< 20
RES1263	50	65	51	58	52	54	52	54	< 20	< 20
RES1264	50	65	48	55	50	52	50	51	< 20	< 20
RES1265	50	65	55	62	55	58	57	58	< 20	< 20
RES1266	50	65	50	57	52	54	52	53	< 20	< 20
RES1267	50	65	45	51	47	48	48	49	< 20	< 20
RES1268	50	65	48	55	51	52	50	51	< 20	< 20
RES1269	50	65	54	61	55	58	56	58	< 20	< 20
RES1270	50	65	49	55	51	52	50	51	< 20	< 20
RES1271	50	65	49	56	51	52	50	51	< 20	< 20
RES1272	50	65	50	57	52	53	51	53	< 20	< 20
RES1273	50	65	49	56	51	52	50	52	< 20	< 20
RES1274	50	65	51	58	53	55	53	54	< 20	< 20
RES1275	50	65	51	58	53	54	52	54	< 20	< 20
RES1276	50	65	44	51	47	48	47	49	< 20	< 20
RES1277	50	65	49	56	51	53	51	52	< 20	< 20
RES1278	50	65	52	59	53	55	53	55	< 20	< 20
RES1279	50	65	54	61	54	57	56	57	< 20	< 20
RES1280	50	65	49	56	52	53	51	52	< 20	< 20
RES1281	50	65	52	59	53	55	53	55	< 20	< 20
RES1282	50	65	50	56	52	53	51	52	< 20	< 20
RES1283	50	65	55	62	55	58	57	58	< 20	< 20
RES1284	50	65	52	58	53	55	53	54	< 20	< 20
RES1285	50	65	51	58	53	55	52	54	< 20	< 20
RES1286	50	65	54	60	54	57	55	57	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1287	50	65	50	57	52	53	51	53	< 20	< 20
RES1288	50	65	53	59	53	56	54	55	< 20	< 20
RES1289	50	65	50	57	52	54	52	53	< 20	< 20
RES1290	50	65	51	58	53	54	52	53	< 20	< 20
RES1291	50	65	51	57	53	54	52	53	< 20	< 20
RES1292	50	65	54	60	54	57	55	56	< 20	< 20
RES1293	50	65	53	60	54	56	54	56	< 20	< 20
RES1294	50	65	49	56	51	52	50	51	< 20	< 20
RES1295	50	65	56	62	56	59	57	58	< 20	< 20
RES1296	50	65	54	61	54	57	55	57	< 20	< 20
RES1297	50	65	51	58	53	55	53	54	< 20	< 20
RES1298	50	65	52	59	53	55	53	54	< 20	< 20
RES1299	50	65	49	56	51	52	50	51	< 20	< 20
RES1300	50	65	49	56	52	53	51	51	< 20	< 20
RES1301	50	65	49	55	51	52	50	51	< 20	< 20
RES1302	50	65	53	60	54	56	54	55	< 20	< 20
RES1303	50	65	49	56	52	53	51	52	< 20	< 20
RES1304	50	65	53	60	54	56	54	55	< 20	< 20
RES1305	50	65	53	60	54	56	54	56	< 20	< 20
RES1306	50	65	50	57	52	54	51	52	< 20	< 20
RES1307	50	65	45	52	47	49	48	50	< 20	< 20
RES1308	50	65	53	60	54	57	54	56	< 20	< 20
RES1309	50	65	56	63	56	59	57	59	< 20	< 20
RES1310	50	65	54	61	54	57	55	57	< 20	< 20
RES1311	50	65	55	61	55	58	56	58	< 20	< 20
RES1312	50	65	50	57	52	53	51	52	< 20	< 20
RES1313	50	65	48	55	50	51	50	51	< 20	< 20
RES1314	50	65	51	57	53	54	52	53	< 20	< 20
RES1315	50	65	60	66	59	63	61	62	< 20	< 20
RES1316	50	65	59	66	58	62	60	61	< 20	< 20
RES1317	50	65	50	57	53	54	52	53	< 20	< 20
RES1318	50	65	53	60	54	56	54	55	< 20	< 20
RES1319	50	65	51	58	53	54	52	53	< 20	< 20
RES1320	50	65	48	55	51	52	50	51	< 20	< 20
RES1321	50	65	51	58	53	55	53	54	< 20	< 20
RES1322	50	65	56	63	56	59	58	59	< 20	< 20
RES1323	50	65	53	60	54	56	54	55	< 20	< 20
RES1324	50	65	55	62	55	58	56	58	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1325	50	65	74	80	60	76	70	50	< 20	< 20
RES1326	50	65	53	60	54	57	54	55	< 20	< 20
RES1327	50	65	54	61	54	58	56	57	< 20	< 20
RES1328	50	65	53	60	54	57	54	56	< 20	< 20
RES1329	50	65	52	59	54	55	53	54	< 20	< 20
RES1330	50	65	51	58	53	55	53	53	< 20	< 20
RES1331	50	65	71	77	60	73	71	49	< 20	< 20
RES1332	50	65	53	59	54	56	54	55	< 20	< 20
RES1333	50	65	58	65	58	61	60	60	< 20	< 20
RES1334	50	65	49	56	51	52	51	51	< 20	< 20
RES1335	50	65	61	68	60	64	63	63	< 20	< 20
RES1336	50	65	61	67	59	63	62	62	< 20	< 20
RES1337	50	65	55	62	55	58	56	58	< 20	< 20
RES1338	50	65	56	63	56	59	58	59	< 20	< 20
RES1339	50	65	53	60	54	57	54	55	< 20	< 20
RES1340	50	65	54	60	54	57	54	56	< 20	< 20
RES1341	50	65	54	61	54	57	55	56	< 20	< 20
RES1342	50	65	52	59	54	56	53	54	< 20	< 20
RES1343	50	65	54	61	54	57	55	56	< 20	< 20
RES1344	50	65	54	61	54	57	55	56	< 20	< 20
RES1345	50	65	54	61	55	57	55	56	< 20	< 20
RES1346	50	65	53	60	54	56	54	55	< 20	< 20
RES1347	50	65	55	62	55	59	57	58	< 20	< 20
RES1348	50	65	49	55	51	52	51	52	< 20	< 20
RES1349	50	65	63	69	61	65	64	64	< 20	< 20
RES1350	50	65	53	60	54	57	54	55	< 20	< 20
RES1351	50	65	54	60	55	57	54	55	< 20	< 20
RES1352	50	65	60	67	59	63	61	62	< 20	< 20
RES1353	50	65	54	61	55	57	54	56	< 20	< 20
RES1354	50	65	54	61	55	57	55	56	< 20	< 20
RES1355	50	65	54	61	55	57	55	56	< 20	< 20
RES1356	50	65	54	61	55	57	55	56	< 20	< 20
RES1357	50	65	54	61	55	57	55	56	< 20	< 20
RES1358	50	65	49	56	51	53	51	52	< 20	< 20
RES1359	50	65	58	64	57	61	59	60	< 20	< 20
RES1360	50	65	56	62	55	59	57	58	< 20	< 20
RES1361	50	65	61	67	60	64	62	62	< 20	< 20
RES1362	50	65	52	59	54	55	53	54	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1363	50	65	62	69	61	65	63	63	< 20	< 20
RES1364	50	65	53	60	55	56	54	55	< 20	< 20
RES1365	50	65	49	56	52	53	51	52	< 20	< 20
RES1366	50	65	50	56	52	53	52	52	< 20	< 20
RES1367	50	65	49	56	51	52	51	52	< 20	< 20
RES1368	50	65	50	57	52	53	52	52	< 20	< 20
RES1369	50	65	56	62	55	59	56	58	< 20	< 20
RES1370	50	65	56	63	56	59	57	58	< 20	< 20
RES1371	50	65	50	57	52	53	52	52	< 20	< 20
RES1372	50	65	51	58	53	54	52	52	< 20	< 20
RES1373	50	65	50	57	53	54	52	52	< 20	< 20
RES1374	50	65	57	64	57	60	58	60	< 20	< 20
RES1375	50	65	46	53	48	50	49	51	< 20	< 20
RES1376	50	65	53	60	55	56	54	54	< 20	< 20
RES1377	50	65	58	65	58	61	59	60	< 20	< 20
RES1378	50	65	51	58	54	55	52	53	< 20	< 20
RES1379	50	65	56	62	55	59	56	57	< 20	< 20
RES1380	50	65	56	63	56	59	57	58	< 20	< 20
RES1381	50	65	62	69	61	65	63	63	< 20	< 20
RES1382	50	65	51	58	53	55	52	53	< 20	< 20
RES1383	50	65	51	58	53	55	52	52	< 20	< 20
RES1384	50	65	54	60	55	57	54	55	< 20	< 20
RES1385	50	65	52	59	54	55	53	53	< 20	< 20
RES1386	50	65	54	61	55	58	55	56	< 20	< 20
RES1387	50	65	52	59	54	55	53	53	< 20	< 20
RES1388	50	65	53	60	55	56	54	54	< 20	< 20
RES1389	50	65	47	54	49	50	50	51	< 20	< 20
RES1390	50	65	52	59	54	56	53	53	< 20	< 20
RES1391	50	65	58	65	58	61	60	60	< 20	< 20
RES1392	50	65	64	71	62	67	66	65	< 20	< 20
RES1393	50	65	55	62	56	58	55	56	< 20	< 20
RES1394	50	65	52	59	54	56	53	54	< 20	< 20
RES1395	50	65	57	63	56	60	57	58	< 20	< 20
RES1396	50	65	60	66	59	63	61	61	< 20	< 20
RES1397	50	65	57	64	57	60	58	59	< 20	< 20
RES1398	50	65	49	56	52	53	52	52	< 20	< 20
RES1399	50	65	53	59	55	56	53	54	< 20	< 20
RES1400	50	65	56	63	56	59	57	58	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1401	50	65	55	62	56	58	56	56	< 20	< 20
RES1402	50	65	50	57	52	53	52	52	< 20	< 20
RES1403	50	65	68	75	62	71	68	51	< 20	< 20
RES1404	50	65	53	60	55	56	54	54	< 20	< 20
RES1405	50	65	56	62	56	59	56	57	< 20	< 20
RES1406	50	65	71	78	57	74	59	53	< 20	< 20
RES1407	50	65	55	62	56	59	56	57	< 20	< 20
RES1408	50	65	48	55	51	52	51	52	< 20	< 20
RES1409	50	65	62	68	60	65	63	63	< 20	< 20
RES1410	50	65	56	63	56	59	56	57	< 20	< 20
RES1411	50	65	47	54	49	50	49	51	< 20	< 20
RES1412	50	65	59	65	58	62	60	61	< 20	< 20
RES1413	50	65	53	60	55	56	54	54	< 20	< 20
RES1414	50	65	57	64	56	60	57	58	< 20	< 20
RES1415	50	65	50	57	53	54	52	52	< 20	< 20
RES1416	50	65	57	63	56	60	57	58	< 20	< 20
RES1417	50	65	51	58	53	54	52	53	< 20	< 20
RES1418	50	65	51	58	54	55	53	53	< 20	< 20
RES1419	50	65	50	56	52	53	52	52	< 20	< 20
RES1420	50	65	51	58	53	55	53	53	< 20	< 20
RES1421	50	65	64	71	62	67	65	65	< 20	< 20
RES1422	50	65	52	59	54	55	53	53	< 20	< 20
RES1423	50	65	57	64	56	60	57	59	< 20	< 20
RES1424	50	65	52	59	54	55	53	53	< 20	< 20
RES1425	50	65	59	66	58	62	60	61	< 20	< 20
RES1426	50	65	63	70	62	66	64	64	< 20	< 20
RES1427	50	65	52	59	55	56	53	53	< 20	< 20
RES1428	50	65	65	72	63	68	66	66	< 20	< 20
RES1429	50	65	62	69	61	65	63	63	< 20	< 20
RES1430	50	65	55	62	56	58	56	56	< 20	< 20
RES1431	50	65	53	60	55	56	53	53	< 20	< 20
RES1432	50	65	53	60	55	56	54	54	< 20	< 20
RES1433	50	65	56	62	56	59	56	56	< 20	< 20
RES1434	50	65	67	74	59	70	68	49	< 20	< 20
RES1435	50	65	56	63	56	59	56	57	< 20	< 20
RES1436	50	65	50	57	53	54	52	53	< 20	< 20
RES1437	50	65	56	63	57	59	56	57	< 20	< 20
RES1438	50	65	53	60	55	57	54	54	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1439	50	65	60	66	59	63	60	61	< 20	< 20
RES1440	50	65	54	61	56	57	55	55	< 20	< 20
RES1441	50	65	60	67	60	63	61	62	< 20	< 20
RES1442	50	65	54	61	56	58	55	55	< 20	< 20
RES1443	50	65	50	57	52	53	52	53	< 20	< 20
RES1444	50	65	47	54	49	51	50	51	< 20	< 20
RES1445	50	65	57	64	57	60	57	57	< 20	< 20
RES1446	50	65	61	67	60	64	62	62	< 20	< 20
RES1447	50	65	58	65	57	61	58	59	< 20	< 20
RES1448	50	65	57	63	57	60	57	57	< 20	< 20
RES1449	50	65	58	65	57	61	58	59	< 20	< 20
RES1450	50	65	58	64	57	61	58	58	< 20	< 20
RES1451	50	65	51	58	53	54	53	53	< 20	< 20
RES1452	50	65	50	57	53	54	53	53	< 20	< 20
RES1453	50	65	51	58	53	55	53	53	< 20	< 20
RES1454	50	65	51	57	53	54	53	53	< 20	< 20
RES1455	50	65	55	61	56	58	55	55	< 20	< 20
RES1456	50	65	59	66	58	62	59	60	< 20	< 20
RES1457	50	65	59	66	58	62	59	60	< 20	< 20
RES1458	50	65	54	61	56	57	55	55	< 20	< 20
RES1459	50	65	59	66	58	62	59	60	< 20	< 20
RES1460	50	65	59	65	57	62	58	59	< 20	< 20
RES1461	50	65	59	66	57	62	59	60	< 20	< 20
RES1462	50	65	59	66	57	62	59	59	< 20	< 20
RES1463	50	65	60	67	59	63	60	61	< 20	< 20
RES1464	50	65	60	67	59	63	61	61	< 20	< 20
RES1465	50	65	61	68	60	64	61	62	< 20	< 20
RES1466	50	65	61	68	60	64	62	62	< 20	< 20
RES1467	50	65	53	60	55	57	54	53	< 20	< 20
RES1468	50	65	54	60	56	57	54	54	< 20	< 20
RES1469	50	65	49	56	50	52	51	52	< 20	< 20
RES1470	50	65	54	61	56	57	54	54	< 20	< 20
RES1471	50	65	62	68	61	65	62	63	< 20	< 20
RES1472	50	65	54	61	56	57	55	54	< 20	< 20
RES1473	50	65	51	58	53	54	53	53	< 20	< 20
RES1474	50	65	52	59	54	55	54	53	< 20	< 20
RES1475	50	65	55	62	57	58	56	55	< 20	< 20
RES1476	50	65	55	62	57	58	55	55	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1477	50	65	52	59	54	55	54	54	< 20	< 20
RES1478	50	65	53	60	55	56	54	54	< 20	< 20
RES1479	50	65	53	59	55	56	54	54	< 20	< 20
RES1480	50	65	51	58	54	55	54	54	< 20	< 20
RES1481	50	65	52	59	54	56	54	54	< 20	< 20
RES1482	50	65	51	58	53	55	53	54	< 20	< 20
RES1483	50	65	53	60	55	56	54	54	< 20	< 20
RES1484	50	65	55	62	57	58	55	54	< 20	< 20
RES1485	50	65	53	60	55	57	54	54	< 20	< 20
RES1486	50	65	56	63	57	59	56	55	< 20	< 20
RES1487	50	65	55	62	57	58	55	55	< 20	< 20
RES1488	50	65	54	61	56	57	54	54	< 20	< 20
RES1489	50	65	60	67	59	63	59	59	< 20	< 20
RES1490	50	65	52	59	54	55	54	54	< 20	< 20
RES1491	50	65	60	67	59	63	60	59	< 20	< 20
RES1492	50	65	61	67	59	63	60	60	< 20	< 20
RES1493	50	65	55	61	56	58	55	54	< 20	< 20
RES1494	50	65	52	58	54	55	54	54	< 20	< 20
RES1495	50	65	61	67	59	64	60	60	< 20	< 20
RES1496	50	65	52	59	54	55	54	54	< 20	< 20
RES1497	50	65	55	62	57	58	55	54	< 20	< 20
RES1498	50	65	61	68	59	64	60	61	< 20	< 20
RES1499	50	65	52	59	55	56	54	54	< 20	< 20
RES1500	50	65	61	68	59	64	61	61	< 20	< 20
RES1501	50	65	62	68	60	65	61	61	< 20	< 20
RES1502	50	65	56	62	57	59	56	55	< 20	< 20
RES1503	50	65	53	59	55	56	54	54	< 20	< 20
RES1504	50	65	54	61	56	57	55	54	< 20	< 20
RES1505	50	65	62	69	60	65	61	62	< 20	< 20
RES1506	50	65	57	64	59	60	58	57	< 20	< 20
RES1507	50	65	56	63	58	59	56	55	< 20	< 20
RES1508	50	65	57	63	58	60	57	56	< 20	< 20
RES1509	50	65	55	62	57	58	55	54	< 20	< 20
RES1510	50	65	57	64	58	60	57	56	< 20	< 20
RES1511	50	65	57	64	59	60	57	56	< 20	< 20
RES1512	50	65	63	70	61	66	62	63	< 20	< 20
RES1513	50	65	43	50	43	47	45	47	< 20	< 20
RES1514	50	65	53	60	55	56	55	54	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1515	50	65	63	69	60	66	62	62	< 20	< 20
RES1516	50	65	53	60	56	57	55	54	< 20	< 20
RES1517	50	65	53	60	55	57	55	54	< 20	< 20
RES1518	50	65	58	64	59	61	58	57	< 20	< 20
RES1519	50	65	64	71	62	67	63	64	< 20	< 20
RES1520	50	65	52	59	54	55	54	54	< 20	< 20
RES1521	50	65	54	61	56	57	55	54	< 20	< 20
RES1522	50	65	55	61	57	58	55	54	< 20	< 20
RES1523	50	65	61	68	60	64	60	59	< 20	< 20
RES1524	50	65	55	62	57	58	55	54	< 20	< 20
RES1525	50	65	56	63	58	59	56	55	< 20	< 20
RES1526	50	65	55	62	57	59	55	54	< 20	< 20
RES1527	50	65	52	59	54	56	54	54	< 20	< 20
RES1528	50	65	56	62	57	59	56	54	< 20	< 20
RES1529	50	65	56	63	58	59	56	54	< 20	< 20
RES1530	50	65	62	68	60	65	61	60	< 20	< 20
RES1531	50	65	62	69	60	65	61	60	< 20	< 20
RES1532	50	65	62	69	60	65	61	60	< 20	< 20
RES1533	50	65	57	64	59	60	57	55	< 20	< 20
RES1534	50	65	58	64	59	61	57	56	< 20	< 20
RES1535	50	65	63	69	60	66	62	61	< 20	< 20
RES1536	50	65	58	65	59	61	57	56	< 20	< 20
RES1537	50	65	63	70	60	66	62	61	< 20	< 20
RES1538	50	65	58	65	60	61	58	56	< 20	< 20
RES1539	50	65	64	71	61	67	63	62	< 20	< 20
RES1540	50	65	64	70	60	67	63	62	< 20	< 20
RES1541	50	65	64	70	60	66	62	62	< 20	< 20
RES1542	50	65	65	72	62	68	63	64	< 20	< 20
RES1543	50	65	59	65	60	62	58	57	< 20	< 20
RES1544	50	65	65	71	61	67	63	63	< 20	< 20
RES1545	50	65	59	66	60	62	59	57	< 20	< 20
RES1546	50	65	54	61	56	57	56	55	< 20	< 20
RES1547	50	65	54	61	57	58	56	55	< 20	< 20
RES1548	50	65	55	62	57	58	56	55	< 20	< 20
RES1549	50	65	60	66	60	63	59	57	< 20	< 20
RES1550	50	65	60	67	61	63	60	58	< 20	< 20
RES1551	50	65	55	62	57	59	56	55	< 20	< 20
RES1552	50	65	53	60	55	56	55	55	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1553	50	65	56	62	58	59	56	55	< 20	< 20
RES1554	50	65	56	63	58	59	56	55	< 20	< 20
RES1555	50	65	61	67	61	64	60	58	< 20	< 20
RES1556	50	65	61	68	61	64	61	59	< 20	< 20
RES1557	50	65	63	69	61	65	62	59	< 20	< 20
RES1558	50	65	58	65	59	61	57	55	< 20	< 20
RES1559	50	65	57	64	59	60	56	55	< 20	< 20
RES1560	50	65	57	64	58	60	56	55	< 20	< 20
RES1561	50	65	63	70	61	66	62	60	< 20	< 20
RES1562	50	65	54	61	56	57	56	55	< 20	< 20
RES1563	50	65	63	70	61	66	62	60	< 20	< 20
RES1564	50	65	54	61	56	57	56	55	< 20	< 20
RES1565	50	65	64	71	61	67	63	61	< 20	< 20
RES1566	50	65	59	65	60	62	57	56	< 20	< 20
RES1567	50	65	54	61	56	58	56	55	< 20	< 20
RES1568	50	65	59	66	60	62	58	56	< 20	< 20
RES1569	50	65	65	71	61	67	63	61	< 20	< 20
RES1570	50	65	59	66	60	62	58	56	< 20	< 20
RES1571	50	65	65	72	61	68	64	62	< 20	< 20
RES1572	50	65	59	66	61	62	59	56	< 20	< 20
RES1573	50	65	54	61	56	57	56	55	< 20	< 20
RES1574	50	65	60	66	61	63	59	57	< 20	< 20
RES1575	50	65	66	72	61	68	64	62	< 20	< 20
RES1576	50	65	60	67	61	63	60	57	< 20	< 20
RES1577	50	65	60	67	62	63	60	57	< 20	< 20
RES1578	50	65	55	62	57	58	57	56	< 20	< 20
RES1579	50	65	58	64	59	61	57	55	< 20	< 20
RES1580	50	65	61	68	62	64	60	58	< 20	< 20
RES1581	50	65	55	62	57	58	57	56	< 20	< 20
RES1582	50	65	67	73	62	69	65	64	< 20	< 20
RES1583	50	65	56	62	58	59	57	56	< 20	< 20
RES1584	50	65	61	68	62	64	61	58	< 20	< 20
RES1585	50	65	62	69	62	65	61	59	< 20	< 20
RES1586	50	65	56	63	58	59	57	56	< 20	< 20
RES1587	50	65	56	63	58	60	57	56	< 20	< 20
RES1588	50	65	57	64	59	60	57	56	< 20	< 20
RES1589	50	65	64	71	62	67	63	60	< 20	< 20
RES1590	50	65	58	64	59	61	57	56	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1591	50	65	64	70	63	66	62	59	< 20	< 20
RES1592	50	65	65	71	62	67	63	60	< 20	< 20
RES1593	50	65	58	65	60	61	57	56	< 20	< 20
RES1594	50	65	67	73	63	70	65	62	< 20	< 20
RES1595	50	65	68	74	62	70	66	63	< 20	< 20
RES1596	50	65	67	74	62	70	65	62	< 20	< 20
RES1597	50	65	69	75	63	71	66	64	< 20	< 20
RES1598	50	65	69	75	62	71	66	63	< 20	< 20
RES1599	50	65	63	70	64	66	62	59	< 20	< 20
RES1600	50	65	64	71	64	67	63	59	< 20	< 20
RES1601	50	65	65	71	64	67	64	59	< 20	< 20
RES1602	50	65	66	72	64	68	64	60	< 20	< 20
RES1603	50	65	66	73	64	69	65	60	< 20	< 20
RES1604	50	65	67	74	64	70	65	61	< 20	< 20
RES1605	50	65	68	75	64	71	66	61	< 20	< 20
RES1606	50	65	69	75	64	72	67	62	< 20	< 20
RES1607	50	65	66	72	65	68	64	59	< 20	< 20
RES1608	50	65	66	73	65	69	65	60	< 20	< 20
RES1609	50	65	67	74	65	70	66	60	< 20	< 20
RES1610	50	65	68	75	66	71	66	60	< 20	< 20
RES1611	50	65	73	79	64	75	69	63	< 20	< 20
RES1612	50	65	69	76	65	72	67	61	< 20	< 20
RES1613	50	65	71	78	65	74	68	62	< 20	< 20
RES1614	50	65	70	77	65	73	68	61	< 20	< 20
RES1615	50	65	74	80	65	76	70	63	< 20	< 20
RES1616	50	65	67	74	67	70	65	59	< 20	< 20
RES1617	50	65	68	75	67	71	66	60	< 20	< 20
RES1618	50	65	70	76	67	73	68	61	< 20	< 20
RES1619	50	65	76	82	66	78	71	63	< 20	< 20
RES1620	50	65	75	81	66	78	71	62	< 20	< 20
RES1621	50	65	70	76	68	72	68	60	< 20	< 20
RES1622	50	65	75	81	67	77	71	62	< 20	< 20
RES1623	50	65	74	80	68	76	71	61	< 20	< 20
RES1624	50	65	73	80	69	76	70	61	< 20	< 20
RES1625	50	65	73	79	69	75	70	61	< 20	< 20
RES1626	50	65	54	61	53	57	56	50	< 20	< 20
RES1627	50	65	49	56	49	52	50	51	< 20	< 20
RES1628	50	65	58	64	58	61	59	59	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1629	50	65	53	60	53	56	55	56	< 20	< 20
RES1630	50	65	-*	-*	65	-*	-*	65	< 20	< 20
RES1631	50	65	-*	-*	71	-*	80	61	< 20	< 20
RES1632	50	65	-*	-*	71	-*	80	61	< 20	< 20
RES1633	50	65	53	60	53	56	55	56	< 20	< 20
RES1634	50	65	63	70	63	66	64	61	< 20	< 20
RES1635	50	65	39	46	40	43	42	43	< 20	< 20
RES1636	50	65	49	56	49	53	50	49	< 20	< 20
RES1637	50	65	50	57	49	54	52	48	< 20	< 20
RES1638	50	65	71	77	73	73	68	61	< 20	< 20
RES1639	50	65	48	55	49	51	51	49	< 20	< 20
RES1640	50	65	71	77	61	73	71	61	< 20	< 20
RES1641	50	65	49	56	50	52	52	50	< 20	< 20
RES1642	50	65	71	78	70	74	73	64	< 20	< 20
RES1643	50	65	42	49	39	46	42	49	< 20	< 20
RES1644	50	65	55	62	49	58	48	49	< 20	< 20
RES1645	50	65	82	88	67	85	88	60	< 20	< 20
RES1646	50	65	49	55	46	52	47	33	< 20	< 20
RES1647	50	65	70	77	68	73	71	67	< 20	< 20
RES1648	50	65	63	70	57	66	64	58	< 20	< 20
RES1649	50	65	56	63	51	59	50	50	< 20	< 20
RES1650	50	65	67	74	64	70	69	67	< 20	< 20
RES1651	50	65	66	73	60	69	67	60	< 20	< 20
RES1652	50	65	59	66	53	62	52	52	< 20	< 20
RES1653	50	65	41	48	43	45	44	46	< 20	< 20
RES1654	50	65	54	61	51	57	56	53	< 20	< 20
RES1655	50	65	68	74	67	71	63	53	< 20	< 20
RES1656	50	65	43	49	42	46	45	34	< 20	< 20
RES1657	50	65	63	69	55	66	54	53	< 20	< 20
RES1658	50	65	60	67	57	63	62	56	< 20	< 20
RES1659	50	65	61	68	59	64	62	58	< 20	< 20
RES1660	50	65	43	49	43	46	46	44	< 20	< 20
RES1661	50	65	64	70	56	67	56	54	< 20	< 20
RES1662	50	65	61	68	57	64	57	55	< 20	< 20
RES1663	50	65	50	57	49	53	52	51	< 20	< 20
RES1664	50	65	-*	-*	-*	-*	-*	76	< 20	< 20
RES1665	50	65	58	65	57	61	60	55	< 20	< 20
RES1666	50	65	76	82	77	78	73	57	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1667	50	65	56	63	55	59	57	56	< 20	< 20
RES1668	50	65	90	96	82	92	89	69	< 20	< 20
RES1669	50	65	40	47	42	44	43	38	< 20	< 20
RES1670	50	65	64	70	63	67	67	58	< 20	< 20
RES1671	50	65	50	57	49	54	52	51	< 20	< 20
RES1672	50	65	53	60	52	57	56	54	< 20	< 20
RES1673	50	65	75	81	65	78	60	59	< 20	< 20
RES1674	50	65	47	54	46	50	49	49	< 20	< 20
RES1675	50	65	82	89	64	85	83	61	< 20	< 20
RES1676	50	65	41	48	41	45	44	45	< 20	< 20
RES1677	50	65	73	79	76	75	65	63	< 20	< 20
RES1678	50	65	68	74	59	70	68	58	< 20	< 20
RES1679	50	65	41	48	41	45	45	41	< 20	< 20
RES1680	50	65	39	46	40	43	42	39	< 20	< 20
RES1681	50	65	86	93	91	89	63	63	< 20	< 20
RES1682	50	65	63	70	57	66	64	56	< 20	< 20
RES1683	50	65	44	51	42	48	47	43	< 20	< 20
RES1684	50	65	54	60	50	57	52	52	< 20	< 20
RES1685	50	65	64	71	62	67	64	63	< 20	< 20
RES1686	50	65	53	60	48	56	52	51	< 20	< 20
RES1687	50	65	42	49	42	46	44	40	< 20	< 20
RES1688	50	65	39	46	40	43	42	43	< 20	< 20
RES1689	50	65	46	53	44	50	49	43	< 20	< 20
RES1690	50	65	45	52	44	49	48	42	< 20	< 20
RES1691	50	65	54	61	52	58	56	49	< 20	< 20
RES1692	50	65	50	57	49	53	52	50	< 20	< 20
RES1693	50	65	48	55	47	52	51	49	< 20	< 20
RES1694	50	65	46	53	46	50	49	48	< 20	< 20
RES1695	50	65	81	88	50	84	60	53	< 20	< 20
RES1696	50	65	75	81	58	78	77	61	< 20	< 20
RES1697	50	65	71	77	58	73	71	61	< 20	< 20
RES1698	50	65	49	56	48	52	47	39	< 20	< 20
RES1699	50	65	39	46	41	43	39	34	< 20	< 20
RES1700	50	65	40	46	41	43	39	34	< 20	< 20
RES1701	50	65	73	79	55	76	73	45	< 20	< 20
RES1702	50	65	40	47	42	44	40	34	< 20	< 20
RES1703	50	65	40	47	42	44	40	34	< 20	< 20
RES1704	50	65	40	47	42	44	40	34	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1705	50	65	40	47	42	44	40	34	< 20	< 20
RES1706	50	65	41	48	42	45	40	34	< 20	< 20
RES1707	50	65	40	47	42	44	40	35	< 20	< 20
RES1708	50	65	40	47	41	44	40	35	< 20	< 20
RES1709	50	65	40	47	42	44	41	35	< 20	< 20
RES1710	50	65	41	48	42	45	41	35	< 20	< 20
RES1711	50	65	51	58	51	55	48	38	< 20	< 20
RES1712	50	65	40	47	41	44	41	35	< 20	< 20
RES1713	50	65	41	48	42	45	41	35	< 20	< 20
RES1714	50	65	41	47	42	44	41	35	< 20	< 20
RES1715	50	65	40	47	42	44	41	35	< 20	< 20
RES1716	50	65	48	55	49	52	45	37	< 20	< 20
RES1717	50	65	86	92	55	88	86	46	< 20	< 20
RES1718	50	65	40	47	42	44	41	35	< 20	< 20
RES1719	50	65	41	48	43	45	41	35	< 20	< 20
RES1720	50	65	39	46	41	43	41	35	< 20	< 20
RES1721	50	65	41	48	42	45	41	35	< 20	< 20
RES1722	50	65	40	47	42	44	41	35	< 20	< 20
RES1723	50	65	44	51	45	48	42	35	< 20	< 20
RES1724	50	65	39	46	40	43	43	43	< 20	< 20
RES1725	50	65	41	48	43	45	41	35	< 20	< 20
RES1726	50	65	41	48	42	45	41	35	< 20	< 20
RES1727	50	65	42	49	44	46	41	35	< 20	< 20
RES1728	50	65	40	47	41	44	41	35	< 20	< 20
RES1729	50	65	39	46	41	43	41	35	< 20	< 20
RES1730	50	65	41	47	42	44	41	35	< 20	< 20
RES1731	50	65	39	46	40	43	41	36	< 20	< 20
RES1732	50	65	40	47	41	44	41	32	< 20	< 20
RES1733	50	65	39	46	40	43	40	36	< 20	< 20
RES1734	50	65	41	48	43	45	41	35	< 20	< 20
RES1735	50	65	41	48	43	45	41	35	< 20	< 20
RES1736	50	65	41	48	42	45	41	35	< 20	< 20
RES1737	50	65	42	49	43	45	41	35	< 20	< 20
RES1738	50	65	39	46	41	43	41	36	< 20	< 20
RES1739	50	65	40	47	42	44	41	32	< 20	< 20
RES1740	50	65	45	52	46	48	42	35	< 20	< 20
RES1741	50	65	43	50	45	47	42	35	< 20	< 20
RES1742	50	65	40	46	41	43	41	36	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1743	50	65	43	50	45	47	42	35	< 20	< 20
RES1744	50	65	43	50	44	47	42	35	< 20	< 20
RES1745	50	65	39	46	40	43	41	36	< 20	< 20
RES1746	50	65	51	58	47	54	53	51	< 20	< 20
RES1747	50	65	41	48	42	45	42	36	< 20	< 20
RES1748	50	65	41	48	43	45	42	36	< 20	< 20
RES1749	50	65	41	48	42	45	42	36	< 20	< 20
RES1750	50	65	73	80	64	76	56	41	< 20	< 20
RES1751	50	65	42	49	43	46	42	36	< 20	< 20
RES1752	50	65	42	49	43	46	42	36	< 20	< 20
RES1753	50	65	41	47	42	45	42	32	< 20	< 20
RES1754	50	65	39	46	40	43	40	36	< 20	< 20
RES1755	50	65	39	46	40	43	40	36	< 20	< 20
RES1756	50	65	42	49	44	46	42	36	< 20	< 20
RES1757	50	65	43	50	44	47	43	36	< 20	< 20
RES1758	50	65	39	46	40	43	39	36	< 20	< 20
RES1759	50	65	43	50	44	47	42	36	< 20	< 20
RES1760	50	65	43	50	44	47	43	36	< 20	< 20
RES1761	50	65	40	47	41	44	41	32	< 20	< 20
RES1762	50	65	39	46	40	43	40	36	< 20	< 20
RES1763	50	65	43	50	44	47	43	36	< 20	< 20
RES1764	50	65	43	50	44	47	43	35	< 20	< 20
RES1765	50	65	41	48	42	45	42	32	< 20	< 20
RES1766	50	65	44	50	45	47	43	35	< 20	< 20
RES1767	50	65	40	47	41	44	42	32	< 20	< 20
RES1768	50	65	65	72	61	68	53	40	< 20	< 20
RES1769	50	65	39	46	40	43	39	36	< 20	< 20
RES1770	50	65	44	51	45	48	43	35	< 20	< 20
RES1771	50	65	41	48	42	45	42	33	< 20	< 20
RES1772	50	65	44	51	45	48	43	35	< 20	< 20
RES1773	50	65	41	48	42	45	42	36	< 20	< 20
RES1774	50	65	41	48	42	45	42	36	< 20	< 20
RES1775	50	65	41	48	42	45	42	32	< 20	< 20
RES1776	50	65	47	54	48	51	43	35	< 20	< 20
RES1777	50	65	39	46	40	43	39	37	< 20	< 20
RES1778	50	65	41	48	41	45	44	45	< 20	< 20
RES1779	50	65	45	52	46	48	43	35	< 20	< 20
RES1780	50	65	41	48	42	45	42	36	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1781	50	65	42	49	43	46	42	36	< 20	< 20
RES1782	50	65	40	46	40	43	39	37	< 20	< 20
RES1783	50	65	40	46	40	43	39	37	< 20	< 20
RES1784	50	65	42	49	43	46	43	36	< 20	< 20
RES1785	50	65	42	49	43	46	43	36	< 20	< 20
RES1786	50	65	42	48	43	45	42	36	< 20	< 20
RES1787	50	65	43	50	44	47	43	36	< 20	< 20
RES1788	50	65	39	46	40	43	38	37	< 20	< 20
RES1789	50	65	39	46	40	43	38	37	< 20	< 20
RES1790	50	65	43	50	44	47	43	36	< 20	< 20
RES1791	50	65	43	50	44	47	43	36	< 20	< 20
RES1792	50	65	41	47	41	44	42	32	< 20	< 20
RES1793	50	65	44	51	45	47	43	36	< 20	< 20
RES1794	50	65	41	48	42	45	42	32	< 20	< 20
RES1795	50	65	41	48	42	45	43	36	< 20	< 20
RES1796	50	65	44	51	45	48	43	36	< 20	< 20
RES1797	50	65	39	46	40	43	41	37	< 20	< 20
RES1798	50	65	45	51	45	48	43	36	< 20	< 20
RES1799	50	65	42	49	43	46	43	36	< 20	< 20
RES1800	50	65	39	46	40	43	37	37	< 20	< 20
RES1801	50	65	46	53	46	49	43	35	< 20	< 20
RES1802	50	65	67	73	61	70	63	44	< 20	< 20
RES1803	50	65	59	66	57	62	49	38	< 20	< 20
RES1804	50	65	48	55	49	52	43	35	< 20	< 20
RES1805	50	65	43	50	44	47	43	36	< 20	< 20
RES1806	50	65	44	51	44	47	43	36	< 20	< 20
RES1807	50	65	43	50	44	47	43	36	< 20	< 20
RES1808	50	65	44	51	45	48	44	36	< 20	< 20
RES1809	50	65	44	51	45	48	44	36	< 20	< 20
RES1810	50	65	45	52	45	48	44	36	< 20	< 20
RES1811	50	65	48	54	48	51	44	35	< 20	< 20
RES1812	50	65	46	53	46	49	44	36	< 20	< 20
RES1813	50	65	40	47	41	44	43	37	< 20	< 20
RES1814	50	65	40	47	40	44	43	37	< 20	< 20
RES1815	50	65	39	46	40	43	42	38	< 20	< 20
RES1816	50	65	42	49	43	46	43	37	< 20	< 20
RES1817	50	65	43	50	44	47	44	37	< 20	< 20
RES1818	50	65	39	46	39	43	43	38	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1819	50	65	46	53	47	50	45	36	< 20	< 20
RES1820	50	65	43	49	43	46	44	37	< 20	< 20
RES1821	50	65	-*	-*	77	-*	53	40	< 20	< 20
RES1822	50	65	-*	-*	46	-*	45	37	< 20	< 20
RES1823	50	65	41	48	40	45	44	45	< 20	< 20
RES1824	50	65	45	52	42	48	48	47	< 20	< 20
RES1825	50	65	44	51	42	48	47	47	< 20	< 20
RES1826	50	65	44	51	42	47	47	46	< 20	< 20
RES1827	50	65	43	50	42	46	45	38	< 20	< 20
RES1828	50	65	39	46	38	43	42	43	< 20	< 20
RES1829	50	65	54	60	53	57	46	35	< 20	< 20
RES1830	50	65	42	48	40	45	45	39	< 20	< 20
RES1831	50	65	42	49	41	46	46	39	< 20	< 20
RES1832	50	65	40	47	38	44	43	40	< 20	< 20
RES1833	50	65	41	48	40	45	44	45	< 20	< 20
RES1834	50	65	61	68	56	64	47	36	< 20	< 20
RES1835	50	65	42	49	40	46	45	45	< 20	< 20
RES1836	50	65	72	78	69	74	46	33	< 20	< 20
RES1837	50	65	85	91	62	87	49	35	< 20	< 20
RES1838	50	65	-*	-*	62	-*	47	33	< 20	< 20
RES1839	50	65	40	47	37	44	44	42	< 20	< 20
RES1840	50	65	54	61	54	57	48	33	< 20	< 20
RES1841	50	65	43	50	44	47	46	45	< 20	< 20
RES1842	50	65	46	52	44	49	48	44	< 20	< 20
RES1843	50	65	42	49	44	46	45	45	< 20	< 20
RES1844	50	65	49	55	44	52	51	44	< 20	< 20
RES1845	50	65	51	58	44	54	53	44	< 20	< 20
RES1846	50	65	47	54	33	51	47	32	< 20	< 20
RES1847	50	65	48	55	37	52	48	33	< 20	< 20
RES1848	50	65	44	51	47	48	47	48	< 20	< 20
RES1849	50	65	47	54	48	51	48	47	< 20	< 20
RES1850	50	65	73	80	43	76	76	42	< 20	< 20
RES1851	50	65	41	48	43	45	44	47	< 20	< 20
RES1852	50	65	59	66	48	62	60	46	< 20	< 20
RES1853	50	65	63	70	46	66	66	38	< 20	< 20
RES1854	50	65	63	69	48	65	63	46	< 20	< 20
RES1855	50	65	40	47	42	44	44	46	< 20	< 20
RES1856	50	65	51	58	53	54	53	51	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1857	50	65	53	60	54	56	54	52	< 20	< 20
RES1858	50	65	50	56	52	53	52	53	< 20	< 20
RES1859	50	65	53	59	55	56	55	53	< 20	< 20
RES1860	50	65	62	68	44	64	64	38	< 20	< 20
RES1861	50	65	49	56	51	53	52	53	< 20	< 20
RES1862	50	65	63	70	42	66	65	39	< 20	< 20
RES1863	50	65	57	64	59	60	59	55	< 20	< 20
RES1864	50	65	62	69	42	65	63	40	< 20	< 20
RES1865	50	65	54	61	56	57	56	55	< 20	< 20
RES1866	50	65	59	66	41	62	60	41	< 20	< 20
RES1867	50	65	54	61	55	57	56	57	< 20	< 20
RES1868	50	65	57	64	40	60	58	41	< 20	< 20
RES1869	50	65	42	48	45	45	45	46	< 20	< 20
RES1870	50	65	55	62	41	58	57	41	< 20	< 20
RES1871	50	65	53	60	41	56	55	42	< 20	< 20
RES1872	50	65	75	82	76	78	79	58	< 20	< 20
RES1873	50	65	71	77	72	73	73	64	< 20	< 20
RES1874	50	65	56	62	55	59	57	56	< 20	< 20
RES1875	50	65	48	55	40	51	50	41	< 20	< 20
RES1876	50	65	49	56	43	52	50	43	< 20	< 20
RES1877	50	65	49	56	47	53	51	47	< 20	< 20
RES1878	50	65	64	70	59	67	64	58	< 20	< 20
RES1879	50	65	81	87	94	83	101	70	< 20	< 20
RES1880	50	65	-*	-*	47	-*	-*	47	< 20	< 20
RES1881	50	65	46	53	44	49	47	45	< 20	< 20
RES1882	50	65	76	82	72	78	84	66	< 20	< 20
RES1883	50	65	55	61	54	58	56	56	< 20	< 20
RES1884	50	65	66	73	62	69	68	59	< 20	< 20
RES1885	50	65	41	48	41	45	44	43	< 20	< 20
RES1886	50	65	65	71	66	67	50	49	< 20	< 20
RES1887	50	65	59	66	60	62	48	47	< 20	< 20
RES1888	50	65	67	74	60	70	67	58	< 20	< 20
RES1889	50	65	70	77	72	73	50	49	< 20	< 20
RES1890	50	65	43	49	40	46	46	35	< 20	< 20
RES1891	50	65	40	47	40	44	43	43	< 20	< 20
RES1892	50	65	62	69	60	65	56	54	< 20	< 20
RES1893	50	65	79	86	80	82	50	49	< 20	< 20
RES1894	50	65	-*	-*	42	-*	49	36	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1895	50	65	44	51	41	48	47	34	< 20	< 20
RES1896	50	65	46	53	43	50	49	35	< 20	< 20
RES1897	50	65	53	60	53	56	54	51	< 20	< 20
RES1898	50	65	49	56	44	52	51	35	< 20	< 20
RES1899	50	65	67	74	53	70	64	41	< 20	< 20
RES1900	50	65	43	50	43	47	46	46	< 20	< 20
RES1901	50	65	43	50	43	47	46	46	< 20	< 20
RES1902	50	65	60	66	49	62	61	36	< 20	< 20
RES1903	50	65	50	57	47	53	52	32	< 20	< 20
RES1904	50	65	39	46	40	43	43	<20	< 20	< 20
RES1905	50	65	43	50	43	47	46	<20	< 20	< 20
RES1906	50	65	66	72	51	69	67	36	< 20	< 20
RES1907	50	65	42	49	44	46	45	45	< 20	< 20
RES1908	50	65	44	51	46	48	45	45	< 20	< 20
RES1909	50	65	65	71	50	68	66	40	< 20	< 20
RES1910	50	65	75	81	52	77	76	36	< 20	< 20
RES1911	50	65	65	71	49	67	68	39	< 20	< 20
RES1912	50	65	81	87	57	83	81	35	< 20	< 20
RES1913	50	65	58	64	48	61	60	40	< 20	< 20
RES1914	50	65	43	50	45	47	46	41	< 20	< 20
RES1915	50	65	69	75	53	71	70	38	< 20	< 20
RES1916	50	65	59	66	50	62	61	38	< 20	< 20
RES1917	50	65	66	72	67	68	63	33	< 20	< 20
RES1918	50	65	75	81	72	78	75	34	< 20	< 20
RES1919	50	65	72	79	78	75	69	33	< 20	< 20
RES1920	50	65	58	64	53	61	59	36	< 20	< 20
RES1921	50	65	60	67	62	63	56	31	< 20	< 20
RES1922	50	65	67	73	68	70	59	32	< 20	< 20
RES1923	50	65	80	87	67	83	84	34	< 20	< 20
RES1924	50	65	66	73	67	69	58	31	< 20	< 20
RES1925	50	65	40	47	42	44	42	<20	< 20	< 20
RES1926	50	65	46	53	48	49	47	<20	< 20	< 20
RES1927	50	65	42	49	45	46	45	<20	< 20	< 20
RES1928	50	65	46	53	49	50	48	<20	< 20	< 20
RES1929	50	65	41	48	44	45	44	<20	< 20	< 20
RES1930	50	65	60	66	56	62	61	34	< 20	< 20
RES1931	50	65	47	54	50	51	49	<20	< 20	< 20
RES1932	50	65	41	48	41	45	45	37	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1933	50	65	45	52	48	49	48	<20	< 20	< 20
RES1934	50	65	43	50	45	47	45	<20	< 20	< 20
RES1935	50	65	46	53	48	50	48	<20	< 20	< 20
RES1936	50	65	48	54	49	51	50	<20	< 20	< 20
RES1937	50	65	47	54	49	50	49	<20	< 20	< 20
RES1938	50	65	42	49	43	45	44	<20	< 20	< 20
RES1939	50	65	42	49	43	46	44	<20	< 20	< 20
RES1940	50	65	50	57	49	54	51	<20	< 20	< 20
RES1941	50	65	40	47	41	44	44	34	< 20	< 20
RES1942	50	65	59	65	50	62	54	<20	< 20	< 20
RES1943	50	65	51	58	46	54	49	<20	< 20	< 20
RES1944	50	65	48	55	44	51	46	<20	< 20	< 20
RES1945	50	65	69	75	51	72	60	<20	< 20	< 20
RES1946	50	65	62	68	50	64	57	<20	< 20	< 20
RES1947	50	65	61	67	49	64	56	<20	< 20	< 20
RES1948	50	65	44	51	44	48	47	31	< 20	< 20
RES1949	50	65	44	50	44	47	46	31	< 20	< 20
RES1950	50	65	70	76	48	72	55	<20	< 20	< 20
RES1951	50	65	39	45	40	42	42	31	< 20	< 20
RES1952	50	65	49	55	46	52	50	<20	< 20	< 20
RES1953	50	65	43	50	43	47	46	<20	< 20	< 20
RES1954	50	65	47	54	44	50	48	<20	< 20	< 20
RES1955	50	65	40	46	40	43	43	<20	< 20	< 20
RES1956	50	65	49	56	43	53	48	<20	< 20	< 20
RES1957	50	65	57	64	43	60	48	<20	< 20	< 20
RES1958	50	65	50	57	42	54	47	<20	< 20	< 20
RES1959	50	65	46	53	42	50	39	<20	< 20	< 20
RES1960	50	65	47	54	42	51	42	<20	< 20	< 20
RES1961	50	65	43	50	42	46	35	30	< 20	< 20
RES1962	50	65	42	49	42	46	35	31	< 20	< 20
RES1963	50	65	39	46	40	43	33	<20	< 20	< 20
RES1964	50	65	43	49	43	46	35	31	< 20	< 20
RES1965	50	65	47	54	47	50	38	31	< 20	< 20
RES1966	50	65	47	54	47	51	35	32	< 20	< 20
RES1967	50	65	43	50	45	47	37	32	< 20	< 20
RES1968	50	65	48	55	48	51	34	33	< 20	< 20
RES1969	50	65	64	70	58	67	36	34	< 20	< 20
RES1970	50	65	41	48	43	45	32	33	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1971	50	65	47	54	48	51	34	34	< 20	< 20
RES1972	50	65	42	49	44	46	32	33	< 20	< 20
RES1973	50	65	44	51	47	48	34	< 20	< 20	< 20
RES1974	50	65	43	49	46	46	34	34	< 20	< 20
RES1975	50	65	63	70	57	66	35	38	< 20	< 20
RES1976	50	65	55	62	56	58	35	39	< 20	< 20
RES1977	50	65	40	47	43	44	33	36	< 20	< 20
RES1978	50	65	53	60	51	56	38	41	< 20	< 20
RES1979	50	65	44	51	45	48	38	41	< 20	< 20
RES1980	50	65	45	51	44	48	39	42	< 20	< 20
RES1981	50	65	42	49	41	46	42	44	< 20	< 20
RES1982	50	65	44	51	46	48	47	49	< 20	< 20
RES1983	50	65	63	70	57	66	56	58	< 20	< 20
RES1984	50	65	51	58	53	55	54	55	< 20	< 20
RES1985	50	65	39	46	42	43	43	45	< 20	< 20
RES1986	50	65	40	47	43	44	44	46	< 20	< 20
RES1987	50	65	53	59	54	56	55	55	< 20	< 20
RES1988	50	65	42	49	44	46	45	47	< 20	< 20
RES1989	50	65	40	47	43	44	44	46	< 20	< 20
RES1990	50	65	64	70	62	66	66	63	< 20	< 20
RES1991	50	65	68	74	65	70	68	66	< 20	< 20
RES1992	50	65	47	53	48	50	50	51	< 20	< 20
RES1993	50	65	42	49	44	46	46	48	< 20	< 20
RES1994	50	65	50	57	48	53	47	51	< 20	< 20
RES1995	50	65	81	88	82	84	56	70	< 20	< 20
RES1996	50	65	-*	-*	40	-*	42	44	< 20	< 20
RES1997	50	65	62	69	56	65	51	60	< 20	< 20
RES1998	50	65	49	56	46	52	47	49	< 20	< 20
RES1999	50	65	39	46	38	43	43	43	< 20	< 20
RES2000	50	65	65	72	60	68	66	63	< 20	< 20
RES2001	50	65	77	83	58	79	59	61	< 20	< 20
RES2002	50	65	41	48	40	45	44	44	< 20	< 20
RES2003	50	65	41	48	41	45	45	45	< 20	< 20
RES2004	50	65	45	52	42	49	48	46	< 20	< 20
RES2005	50	65	45	52	42	49	48	46	< 20	< 20
RES2006	50	65	46	53	43	50	49	47	< 20	< 20
RES2007	50	65	47	54	43	50	49	47	< 20	< 20
RES2008	50	65	48	55	43	52	51	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2009	50	65	46	53	43	50	49	47	< 20	< 20
RES2010	50	65	47	54	43	50	50	47	< 20	< 20
RES2011	50	65	71	77	45	74	72	49	< 20	< 20
RES2012	50	65	47	54	44	51	50	48	< 20	< 20
RES2013	50	65	43	50	43	47	46	47	< 20	< 20
RES2014	50	65	46	53	44	50	49	48	< 20	< 20
RES2015	50	65	66	72	47	69	67	51	< 20	< 20
RES2016	50	65	46	53	44	50	49	48	< 20	< 20
RES2017	50	65	47	54	44	51	50	48	< 20	< 20
RES2018	50	65	50	57	49	53	52	53	< 20	< 20
RES2019	50	65	50	57	50	53	51	54	< 20	< 20
RES2020	50	65	47	54	45	51	50	49	< 20	< 20
RES2021	50	65	46	53	45	50	49	49	< 20	< 20
RES2022	50	65	47	54	45	51	49	49	< 20	< 20
RES2023	50	65	46	53	45	50	48	49	< 20	< 20
RES2024	50	65	47	54	46	51	49	50	< 20	< 20
RES2025	50	65	34	41	37	38	38	41	< 20	20
RES2026	50	65	68	74	42	70	55	45	< 20	< 20
RES2027	50	65	48	55	47	52	50	51	< 20	< 20
RES2028	50	65	48	55	47	51	49	51	< 20	< 20
RES2029	50	65	47	54	47	51	49	51	< 20	< 20
RES2030	50	65	50	57	48	53	50	52	< 20	< 20
RES2031	50	65	40	46	28	43	36	33	< 20	< 20
RES2032	50	65	40	47	27	44	44	32	< 20	< 20
RES2033	50	65	46	53	33	49	46	34	< 20	< 20
RES2034	50	65	48	55	47	52	49	51	< 20	< 20
RES2035	50	65	40	47	27	44	43	32	< 20	< 20
RES2036	50	65	47	53	46	50	47	51	< 20	< 20
RES2037	50	65	51	57	49	54	51	52	< 20	< 20
RES2038	50	65	40	46	28	43	42	33	< 20	< 20
RES2039	50	65	36	42	27	40	35	32	< 20	< 20
RES2040	50	65	50	57	48	53	50	52	< 20	< 20
RES2041	50	65	46	52	36	49	46	37	< 20	< 20
RES2042	50	65	39	45	27	42	35	32	< 20	< 20
RES2043	50	65	48	54	47	51	50	51	< 20	< 20
RES2044	50	65	35	42	27	39	35	32	< 20	< 20
RES2045	50	65	47	54	47	51	50	51	< 20	< 20
RES2046	50	65	52	59	50	56	52	53	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2047	50	65	50	57	49	53	51	53	< 20	< 20
RES2048	50	65	36	43	37	40	37	34	< 20	< 20
RES2049	50	65	49	55	48	52	51	52	< 20	< 20
RES2050	50	65	34	40	34	38	35	32	< 20	< 20
RES2051	50	65	40	47	43	44	40	37	< 20	27
RES2052	50	65	44	51	45	48	47	49	< 20	< 20
RES2053	50	65	33	39	36	37	36	32	< 20	< 20
RES2054	50	65	43	50	43	47	42	45	< 20	< 20
RES2055	50	65	52	58	50	55	52	54	< 20	< 20
RES2056	50	65	45	52	43	49	43	45	< 20	< 20
RES2057	50	65	53	60	51	56	53	54	< 20	< 20
RES2058	50	65	46	53	43	49	43	45	< 20	< 20
RES2059	50	65	52	59	51	56	53	54	< 20	< 20
RES2060	50	65	49	56	49	52	51	53	< 20	< 20
RES2061	50	65	50	56	49	53	52	53	< 20	< 20
RES2062	50	65	41	48	44	45	42	39	< 20	27
RES2063	50	65	70	76	53	73	64	55	< 20	< 20
RES2064	50	65	49	56	49	53	52	53	< 20	< 20
RES2065	50	65	54	61	52	57	54	55	< 20	< 20
RES2066	50	65	50	57	49	54	52	53	< 20	< 20
RES2067	50	65	47	54	46	51	49	50	< 20	20
RES2068	50	65	53	60	52	56	55	55	< 20	< 20
RES2069	50	65	47	54	46	51	49	51	< 20	20
RES2070	50	65	49	56	49	53	52	53	< 20	< 20
RES2071	50	65	51	57	50	54	53	54	< 20	< 20
RES2072	50	65	68	75	55	71	60	57	< 20	< 20
RES2073	50	65	47	54	46	51	48	50	< 20	20
RES2074	50	65	48	55	48	52	51	52	< 20	< 20
RES2075	50	65	53	59	52	56	55	55	< 20	< 20
RES2076	50	65	49	56	49	53	52	53	< 20	< 20
RES2077	50	65	48	55	46	51	49	51	< 20	20
RES2078	50	65	49	55	47	52	50	51	< 20	20
RES2079	50	65	51	58	50	54	53	54	< 20	< 20
RES2080	50	65	56	63	54	59	57	57	< 20	< 20
RES2081	50	65	49	56	48	52	51	52	< 20	20
RES2082	50	65	48	55	46	52	49	50	< 20	21
RES2083	50	65	49	56	48	53	51	52	< 20	20
RES2084	50	65	51	58	50	54	53	54	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2085	50	65	48	54	45	51	48	49	< 20	22
RES2086	50	65	50	57	49	54	53	53	< 20	< 20
RES2087	50	65	54	60	52	57	55	56	< 20	< 20
RES2088	50	65	50	57	49	53	52	53	< 20	< 20
RES2089	50	65	52	59	50	55	54	54	< 20	< 20
RES2090	50	65	56	63	54	59	58	58	< 20	< 20
RES2091	50	65	53	60	52	57	55	55	< 20	< 20
RES2092	50	65	50	57	47	54	50	51	< 20	21
RES2093	50	65	57	63	54	60	58	58	< 20	< 20
RES2094	50	65	51	58	48	55	52	52	< 20	20
RES2095	50	65	49	56	46	52	48	50	< 20	22
RES2096	50	65	50	57	47	54	50	51	< 20	21
RES2097	50	65	56	63	54	59	58	57	< 20	< 20
RES2098	50	65	58	64	55	61	59	58	< 20	< 20
RES2099	50	65	53	60	50	56	53	54	< 20	20
RES2100	50	65	44	51	47	48	45	41	< 20	31
RES2101	50	65	54	61	51	57	54	55	< 20	20
RES2102	50	65	54	61	52	57	56	56	< 20	< 20
RES2103	50	65	51	58	48	54	49	51	< 20	22
RES2104	50	65	59	65	55	62	60	59	< 20	< 20
RES2105	50	65	44	50	46	47	47	44	< 20	30
RES2106	50	65	45	52	48	49	47	43	< 20	32
RES2107	50	65	51	58	35	55	53	40	< 20	< 20
RES2108	50	65	54	60	36	57	55	44	< 20	< 20
RES2109	50	65	45	52	48	49	47	43	< 20	32
RES2110	50	65	54	60	36	57	55	43	< 20	< 20
RES2111	50	65	45	52	37	49	47	42	< 20	< 20
RES2112	50	65	75	82	64	78	78	68	< 20	< 20
RES2113	50	65	50	56	48	53	48	50	< 20	25
RES2114	50	65	48	55	50	51	48	43	< 20	34
RES2115	50	65	53	60	42	56	54	54	< 20	< 20
RES2116	50	65	48	54	50	51	50	44	< 20	34
RES2117	50	65	47	54	50	51	50	45	< 20	33
RES2118	50	65	54	61	55	57	55	56	< 20	< 20
RES2119	50	65	58	65	61	61	61	60	< 20	< 20
RES2120	50	65	46	53	49	49	49	51	< 20	< 20
RES2121	50	65	53	60	55	56	55	47	< 20	36
RES2122	50	65	55	62	57	58	58	57	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2123	50	65	52	59	53	55	52	55	< 20	27
RES2124	50	65	48	55	51	52	51	53	< 20	< 20
RES2125	50	65	54	61	55	57	55	57	< 20	26
RES2126	50	65	48	55	51	52	51	52	< 20	< 20
RES2127	50	65	77	83	68	80	61	61	< 20	20
RES2128	50	65	42	49	45	46	46	48	< 20	< 20
RES2129	50	65	41	48	44	45	37	32	< 20	28
RES2130	50	65	40	47	43	44	37	32	< 20	27
RES2131	50	65	52	59	54	56	43	36	< 20	38
RES2132	50	65	82	88	84	84	54	43	< 20	67
RES2133	50	65	70	77	67	73	65	46	< 20	50
RES2134	50	65	42	49	45	46	46	47	< 20	< 20
RES2135	50	65	52	58	51	55	52	53	< 20	< 20
RES2136	50	65	39	45	41	43	42	45	< 20	< 20
RES2137	50	65	78	84	79	80	84	47	< 20	43
RES2138	50	65	84	90	113	87	111	48	< 20	41
RES2139	50	65	-*	-*	-*	-*	-*	35	< 20	34
RES2140	50	65	44	50	46	47	39	34	< 20	30
RES2141	50	65	44	51	46	48	40	34	< 20	30
RES2142	50	65	44	51	47	48	40	34	< 20	30
RES2143	50	65	50	57	52	54	44	37	< 20	36
RES2144	50	65	45	51	47	48	40	35	< 20	31
RES2145	50	65	43	50	46	47	39	34	< 20	30
RES2146	50	65	43	50	46	47	39	34	< 20	29
RES2147	50	65	42	49	45	46	39	33	< 20	29
RES2148	50	65	42	49	45	46	39	33	< 20	29
RES2149	50	65	41	48	44	45	38	33	< 20	28
RES2150	50	65	49	56	52	53	44	37	< 20	35
RES2151	50	65	43	50	45	46	39	34	< 20	29
RES2152	50	65	43	50	46	47	39	34	< 20	29
RES2153	50	65	41	48	44	45	38	33	< 20	28
RES2154	50	65	43	50	46	47	40	34	< 20	30
RES2155	50	65	43	50	46	47	40	34	< 20	29
RES2156	50	65	40	47	43	44	38	32	< 20	27
RES2157	50	65	50	56	52	53	45	38	< 20	35
RES2158	50	65	42	49	45	46	39	34	< 20	29
RES2159	50	65	40	47	43	44	37	32	< 20	26
RES2160	50	65	45	52	48	49	41	35	< 20	32

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2161	50	65	42	48	44	45	39	33	< 20	28
RES2162	50	65	42	49	44	46	39	33	< 20	28
RES2163	50	65	39	46	42	43	37	32	< 20	26
RES2164	50	65	41	48	44	45	38	33	< 20	27
RES2165	50	65	42	49	45	46	39	34	< 20	29
RES2166	50	65	43	50	46	47	40	34	< 20	30
RES2167	50	65	39	46	42	43	37	32	< 20	26
RES2168	50	65	40	46	42	43	37	32	< 20	26
RES2169	50	65	42	49	45	46	39	34	< 20	29
RES2170	50	65	41	47	43	44	38	33	< 20	27
RES2171	50	65	49	56	50	53	51	53	< 20	< 20
RES2172	50	65	39	46	42	43	37	32	< 20	26
RES2173	50	65	40	46	42	43	37	32	< 20	26
RES2174	50	65	43	49	45	46	40	34	< 20	29
RES2175	50	65	40	47	43	44	38	33	< 20	27
RES2176	50	65	41	48	44	45	38	33	< 20	27
RES2177	50	65	41	48	44	45	38	33	< 20	28
RES2178	50	65	39	46	42	43	37	32	< 20	26
RES2179	50	65	39	46	42	43	37	32	< 20	25
RES2180	50	65	43	50	45	46	40	34	< 20	29
RES2181	50	65	40	47	43	44	38	33	< 20	27
RES2182	50	65	41	48	44	45	39	33	< 20	28
RES2183	50	65	45	52	46	48	47	49	< 20	< 20
RES2184	50	65	41	48	44	45	39	34	< 20	28
RES2185	50	65	39	46	42	43	37	32	< 20	26
RES2186	50	65	40	47	43	44	37	33	< 20	26
RES2187	50	65	40	47	43	44	38	33	< 20	27
RES2188	50	65	42	49	44	46	39	34	< 20	28
RES2189	50	65	39	46	42	43	37	32	< 20	25
RES2190	50	65	47	54	50	51	45	38	< 20	34
RES2191	50	65	41	47	43	44	38	33	< 20	27
RES2192	50	65	57	64	52	60	55	58	< 20	24
RES2193	50	65	40	47	42	44	38	33	< 20	26
RES2194	50	65	41	48	44	45	39	33	< 20	27
RES2195	50	65	42	49	45	46	40	34	< 20	28
RES2196	50	65	39	46	42	43	37	32	< 20	25
RES2197	50	65	41	48	44	45	39	33	< 20	27
RES2198	50	65	40	46	42	43	38	33	< 20	26

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2199	50	65	41	48	44	45	39	34	< 20	28
RES2200	50	65	40	47	43	44	38	33	< 20	27
RES2201	50	65	42	49	44	46	44	47	< 20	< 20
RES2202	50	65	47	54	49	51	45	38	< 20	33
RES2203	50	65	41	48	44	45	39	34	< 20	28
RES2204	50	65	42	48	44	45	39	34	< 20	28
RES2205	50	65	54	61	54	57	56	45	< 20	36
RES2206	50	65	39	46	42	43	37	32	< 20	26
RES2207	50	65	47	54	50	51	46	39	< 20	33
RES2208	50	65	41	47	43	44	39	33	< 20	27
RES2209	50	65	46	53	49	50	45	38	< 20	33
RES2210	50	65	48	55	50	51	47	39	< 20	33
RES2211	50	65	46	53	49	50	46	39	< 20	33
RES2212	50	65	45	52	48	49	45	38	< 20	32
RES2213	50	65	47	54	49	51	46	39	< 20	33
RES2214	50	65	46	53	48	49	45	38	< 20	32
RES2215	50	65	50	56	51	53	50	41	< 20	35
RES2216	50	65	46	53	49	50	46	39	< 20	32
RES2217	50	65	45	52	48	49	44	38	< 20	31
RES2218	50	65	48	55	50	52	48	40	< 20	33
RES2219	50	65	45	52	48	49	45	38	< 20	31
RES2220	50	65	46	53	48	50	46	39	< 20	32
RES2221	50	65	44	51	47	48	44	38	< 20	31
RES2222	50	65	51	58	52	55	53	45	< 20	33
RES2223	50	65	41	48	44	45	40	34	< 20	27
RES2224	50	65	49	56	50	53	51	42	< 20	34
RES2225	50	65	46	53	48	49	46	39	< 20	32
RES2226	50	65	45	51	47	48	45	38	< 20	31
RES2227	50	65	44	51	47	48	44	38	< 20	30
RES2228	50	65	49	56	49	52	51	43	< 20	33
RES2229	50	65	50	56	49	53	52	54	< 20	21
RES2230	50	65	45	52	47	49	45	39	< 20	31
RES2231	50	65	43	50	46	47	43	37	< 20	30
RES2232	50	65	49	56	48	53	51	53	< 20	21
RES2233	50	65	45	52	47	49	45	39	< 20	31
RES2234	50	65	49	56	48	52	51	53	< 20	20
RES2235	50	65	46	53	48	49	47	40	< 20	31
RES2236	50	65	43	50	46	47	44	37	< 20	30

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2237	50	65	44	50	46	47	44	38	< 20	30
RES2238	50	65	48	55	48	52	51	53	< 20	20
RES2239	50	65	49	56	48	52	51	53	< 20	21
RES2240	50	65	49	56	48	52	50	53	< 20	21
RES2241	50	65	44	51	46	48	45	39	< 20	30
RES2242	50	65	43	50	45	47	43	37	< 20	29
RES2243	50	65	48	55	47	52	50	53	< 20	21
RES2244	50	65	48	55	48	51	50	52	< 20	20
RES2245	50	65	48	55	48	51	50	52	< 20	20
RES2246	50	65	48	55	47	52	50	53	< 20	20
RES2247	50	65	49	56	49	52	51	49	< 20	27
RES2248	50	65	47	54	47	51	50	52	< 20	< 20
RES2249	50	65	48	55	47	51	50	52	< 20	20
RES2250	50	65	42	49	45	46	43	37	< 20	29
RES2251	50	65	47	54	47	51	50	52	< 20	< 20
RES2252	50	65	48	54	47	51	50	52	< 20	20
RES2253	50	65	43	50	45	47	44	38	< 20	29
RES2254	50	65	48	55	47	51	50	52	< 20	21
RES2255	50	65	42	49	45	46	43	37	< 20	28
RES2256	50	65	47	54	47	51	50	52	< 20	20
RES2257	50	65	42	49	45	46	43	37	< 20	29
RES2258	50	65	47	53	47	50	49	51	< 20	< 20
RES2259	50	65	47	53	47	50	49	51	< 20	< 20
RES2260	50	65	39	46	42	43	39	34	< 20	25
RES2261	50	65	47	54	47	51	49	52	< 20	20
RES2262	50	65	40	47	43	44	40	35	< 20	26
RES2263	50	65	39	46	42	43	39	34	< 20	26
RES2264	50	65	47	54	47	50	49	52	< 20	20
RES2265	50	65	46	53	47	50	49	51	< 20	< 20
RES2266	50	65	39	46	42	43	39	34	< 20	26
RES2267	50	65	48	55	48	51	50	49	< 20	26
RES2268	50	65	39	46	42	43	39	34	< 20	26
RES2269	50	65	46	53	46	50	49	51	< 20	< 20
RES2270	50	65	46	53	46	50	49	51	< 20	< 20
RES2271	50	65	47	54	46	50	49	52	< 20	20
RES2272	50	65	40	46	42	43	39	35	< 20	26
RES2273	50	65	40	47	43	44	40	35	< 20	26
RES2274	50	65	47	54	46	50	49	52	< 20	20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2275	50	65	41	48	44	45	42	37	< 20	28
RES2276	50	65	46	53	46	50	49	51	< 20	20
RES2277	50	65	46	53	46	49	49	51	< 20	< 20
RES2278	50	65	42	49	44	46	43	37	< 20	28
RES2279	50	65	47	54	48	51	50	48	< 20	27
RES2280	50	65	46	53	46	50	49	51	< 20	< 20
RES2281	50	65	46	52	46	49	48	51	< 20	< 20
RES2282	50	65	46	53	46	50	49	51	< 20	20
RES2283	50	65	46	53	46	50	49	51	< 20	20
RES2284	50	65	40	46	42	43	40	35	< 20	26
RES2285	50	65	45	52	46	49	48	50	< 20	< 20
RES2286	50	65	46	53	46	49	49	51	< 20	< 20
RES2287	50	65	46	53	46	50	49	51	< 20	< 20
RES2288	50	65	46	53	46	49	48	51	< 20	< 20
RES2289	50	65	42	49	45	46	43	38	< 20	28
RES2290	50	65	41	48	44	45	43	37	< 20	28
RES2291	50	65	45	52	46	49	48	50	< 20	< 20
RES2292	50	65	46	53	46	50	48	51	< 20	20
RES2293	50	65	41	48	44	45	42	37	< 20	28
RES2294	50	65	45	52	46	49	48	51	< 20	< 20
RES2295	50	65	45	52	45	49	48	50	< 20	< 20
RES2296	50	65	46	52	46	49	48	51	< 20	< 20
RES2297	50	65	45	51	45	48	48	50	< 20	< 20
RES2298	50	65	39	46	42	43	40	35	< 20	26
RES2299	50	65	45	52	45	49	48	50	< 20	< 20
RES2300	50	65	41	48	44	45	43	37	< 20	28
RES2301	50	65	44	51	45	48	47	50	< 20	< 20
RES2302	50	65	45	52	45	49	48	51	< 20	20
RES2303	50	65	45	52	45	49	48	50	< 20	< 20
RES2304	50	65	46	52	45	49	48	51	< 20	20
RES2305	50	65	45	52	45	49	48	50	< 20	< 20
RES2306	50	65	45	52	45	49	48	50	< 20	< 20
RES2307	50	65	45	52	45	49	48	50	< 20	< 20
RES2308	50	65	45	52	45	48	48	50	< 20	< 20
RES2309	50	65	42	49	44	46	46	48	< 20	< 20
RES2310	50	65	45	52	45	49	48	50	< 20	20
RES2311	50	65	44	51	45	48	47	49	< 20	< 20
RES2312	50	65	45	52	45	49	48	50	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2313	50	65	44	51	45	48	47	50	< 20	< 20
RES2314	50	65	44	51	45	48	47	49	< 20	< 20
RES2315	50	65	40	47	43	44	42	36	< 20	27
RES2316	50	65	46	53	47	49	49	44	< 20	29
RES2317	50	65	44	50	44	47	47	49	< 20	< 20
RES2318	50	65	45	51	45	48	47	50	< 20	< 20
RES2319	50	65	45	52	45	48	47	50	< 20	< 20
RES2320	50	65	44	51	45	48	47	49	< 20	< 20
RES2321	50	65	45	51	45	48	47	50	< 20	< 20
RES2322	50	65	41	48	43	45	42	27	< 20	27
RES2323	50	65	44	51	45	48	47	49	< 20	< 20
RES2324	50	65	45	52	45	49	47	50	< 20	20
RES2325	50	65	44	51	45	48	47	50	< 20	< 20
RES2326	50	65	44	51	44	47	47	49	< 20	< 20
RES2327	50	65	43	50	44	47	46	48	< 20	< 20
RES2328	50	65	44	51	45	48	47	49	< 20	< 20
RES2329	50	65	44	51	45	48	47	50	< 20	< 20
RES2330	50	65	44	51	45	48	47	50	< 20	< 20
RES2331	50	65	45	51	45	48	47	50	< 20	20
RES2332	50	65	44	51	45	48	47	50	< 20	< 20
RES2333	50	65	43	50	44	47	46	49	< 20	< 20
RES2334	50	65	44	50	44	47	47	49	< 20	< 20
RES2335	50	65	43	50	44	47	47	49	< 20	< 20
RES2336	50	65	44	51	44	48	47	49	< 20	< 20
RES2337	50	65	40	47	43	44	41	36	< 20	26
RES2338	50	65	45	51	44	48	47	50	< 20	20
RES2339	50	65	44	51	44	47	47	49	< 20	< 20
RES2340	50	65	40	47	42	44	44	46	< 20	< 20
RES2341	50	65	44	50	44	47	47	49	< 20	< 20
RES2342	50	65	43	50	44	46	46	48	< 20	< 20
RES2343	50	65	45	52	46	49	48	45	< 20	27
RES2344	50	65	44	51	44	48	47	49	< 20	< 20
RES2345	50	65	44	51	44	48	47	49	< 20	< 20
RES2346	50	65	40	47	43	44	42	36	< 20	26
RES2347	50	65	42	49	43	46	46	48	< 20	< 20
RES2348	50	65	44	51	44	48	47	49	< 20	< 20
RES2349	50	65	40	47	42	44	43	46	< 20	< 20
RES2350	50	65	42	49	43	46	46	48	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2351	50	65	44	51	44	48	47	49	< 20	< 20
RES2352	50	65	43	50	44	47	46	49	< 20	< 20
RES2353	50	65	44	50	44	47	47	49	< 20	< 20
RES2354	50	65	43	50	44	47	46	48	< 20	< 20
RES2355	50	65	42	49	43	46	46	48	< 20	< 20
RES2356	50	65	39	46	42	43	41	36	< 20	26
RES2357	50	65	42	49	43	46	45	48	< 20	< 20
RES2358	50	65	43	50	44	47	46	49	< 20	< 20
RES2359	50	65	40	46	41	43	43	46	< 20	< 20
RES2360	50	65	44	51	44	48	46	49	< 20	< 20
RES2361	50	65	43	50	44	47	46	49	< 20	< 20
RES2362	50	65	42	48	44	45	44	39	< 20	28
RES2363	50	65	44	51	44	47	46	49	< 20	< 20
RES2364	50	65	43	50	44	46	46	48	< 20	< 20
RES2365	50	65	44	51	44	48	46	49	< 20	< 20
RES2366	50	65	40	47	42	44	41	36	< 20	26
RES2367	50	65	42	49	43	46	46	48	< 20	< 20
RES2368	50	65	43	50	44	47	46	49	< 20	< 20
RES2369	50	65	43	50	44	47	46	48	< 20	< 20
RES2370	50	65	43	50	44	47	46	49	< 20	< 20
RES2371	50	65	42	49	43	46	45	48	< 20	< 20
RES2372	50	65	41	48	43	45	45	47	< 20	< 20
RES2373	50	65	43	50	44	47	46	49	< 20	< 20
RES2374	50	65	43	49	43	46	46	48	< 20	< 20
RES2375	50	65	41	48	43	45	45	47	< 20	< 20
RES2376	50	65	44	51	44	47	46	49	< 20	< 20
RES2377	50	65	43	50	44	47	46	49	< 20	< 20
RES2378	50	65	42	48	43	45	45	47	< 20	< 20
RES2379	50	65	42	49	43	46	45	48	< 20	< 20
RES2380	50	65	42	49	43	45	45	47	< 20	< 20
RES2381	50	65	42	49	43	46	45	47	< 20	< 20
RES2382	50	65	43	50	44	47	46	49	< 20	< 20
RES2383	50	65	43	50	44	47	46	48	< 20	< 20
RES2384	50	65	40	46	41	43	43	46	< 20	< 20
RES2385	50	65	43	50	44	47	46	49	< 20	< 20
RES2386	50	65	43	50	44	47	46	49	< 20	< 20
RES2387	50	65	40	46	41	43	43	46	< 20	< 20
RES2388	50	65	39	46	42	43	41	25	< 20	26

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2389	50	65	39	46	41	43	43	45	< 20	< 20
RES2390	50	65	43	50	43	47	46	48	< 20	< 20
RES2391	50	65	43	50	43	47	46	49	< 20	< 20
RES2392	50	65	43	50	43	47	46	49	< 20	< 20
RES2393	50	65	42	49	43	46	45	47	< 20	< 20
RES2394	50	65	43	50	43	47	46	49	< 20	< 20
RES2395	50	65	43	49	43	46	46	48	< 20	< 20
RES2396	50	65	43	50	43	47	46	48	< 20	< 20
RES2397	50	65	42	49	43	46	46	48	< 20	< 20
RES2398	50	65	39	46	41	43	43	45	< 20	< 20
RES2399	50	65	41	48	42	45	44	47	< 20	< 20
RES2400	50	65	44	51	45	48	47	44	< 20	26
RES2401	50	65	39	46	41	43	41	36	< 20	25
RES2402	50	65	43	50	43	47	46	49	< 20	< 20
RES2403	50	65	41	48	43	45	45	47	< 20	< 20
RES2404	50	65	43	49	43	46	46	48	< 20	< 20
RES2405	50	65	41	48	42	45	45	47	< 20	< 20
RES2406	50	65	41	48	42	45	45	47	< 20	< 20
RES2407	50	65	41	48	42	45	45	47	< 20	< 20
RES2408	50	65	40	47	42	44	44	46	< 20	< 20
RES2409	50	65	41	48	42	45	44	47	< 20	< 20
RES2410	50	65	41	48	42	45	45	47	< 20	< 20
RES2411	50	65	43	49	43	46	46	48	< 20	< 20
RES2412	50	65	42	49	43	46	45	48	< 20	< 20
RES2413	50	65	43	49	43	46	46	48	< 20	< 20
RES2414	50	65	43	50	43	47	46	48	< 20	< 20
RES2415	50	65	23	30	22	27	25	28	< 20	< 20
RES2416	50	65	23	30	22	27	25	28	< 20	< 20
RES2417	50	65	41	48	42	45	44	47	< 20	< 20
RES2418	50	65	42	49	43	46	45	48	< 20	< 20
RES2419	50	65	23	30	22	27	25	28	< 20	< 20
RES2420	50	65	40	47	42	44	44	46	< 20	< 20
RES2421	50	65	42	49	43	46	45	48	< 20	< 20
RES2422	50	65	39	46	41	43	43	45	< 20	< 20
RES2423	50	65	39	46	41	43	43	45	< 20	< 20
RES2424	50	65	43	49	43	46	45	48	< 20	< 20
RES2425	50	65	42	49	43	46	45	48	< 20	< 20
RES2426	50	65	42	49	43	46	45	48	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2427	50	65	43	50	43	47	45	48	< 20	< 20
RES2428	50	65	41	47	42	44	44	47	< 20	< 20
RES2429	50	65	39	46	41	43	43	45	< 20	< 20
RES2430	50	65	42	49	43	46	45	48	< 20	< 20
RES2431	50	65	43	49	43	46	45	48	< 20	< 20
RES2432	50	65	42	49	43	46	45	48	< 20	< 20
RES2433	50	65	42	49	43	46	45	48	< 20	< 20
RES2434	50	65	41	47	42	44	44	47	< 20	< 20
RES2435	50	65	42	49	43	46	45	48	< 20	< 20
RES2436	50	65	40	47	42	44	44	46	< 20	< 20
RES2437	50	65	41	48	42	45	44	47	< 20	< 20
RES2438	50	65	23	30	22	27	25	27	< 20	< 20
RES2439	50	65	41	48	42	45	44	47	< 20	< 20
RES2440	50	65	41	48	42	45	44	47	< 20	< 20
RES2441	50	65	42	49	43	46	45	48	< 20	< 20
RES2442	50	65	39	46	41	43	43	46	< 20	< 20
RES2443	50	65	23	30	22	27	24	28	< 20	< 20
RES2444	50	65	41	48	42	45	44	47	< 20	< 20
RES2445	50	65	41	47	42	44	44	46	< 20	< 20
RES2446	50	65	41	47	42	44	44	47	< 20	< 20
RES2447	50	65	42	49	43	46	45	48	< 20	< 20
RES2448	50	65	42	49	43	46	45	48	< 20	< 20
RES2449	50	65	42	49	43	46	45	48	< 20	< 20
RES2450	50	65	42	49	42	46	45	48	< 20	< 20
RES2451	50	65	42	48	42	45	45	48	< 20	< 20
RES2452	50	65	40	47	41	44	43	46	< 20	< 20
RES2453	50	65	42	49	42	46	45	48	< 20	< 20
RES2454	50	65	42	48	43	45	45	48	< 20	< 20
RES2455	50	65	42	48	42	45	45	48	< 20	< 20
RES2456	50	65	40	47	42	44	44	46	< 20	< 20
RES2457	50	65	40	47	42	44	44	46	< 20	< 20
RES2458	50	65	39	46	40	43	42	45	< 20	< 20
RES2459	50	65	40	47	42	44	44	46	< 20	< 20
RES2460	50	65	22	29	21	26	24	27	< 20	< 20
RES2461	50	65	41	48	42	45	45	47	< 20	< 20
RES2462	50	65	42	49	42	46	45	48	< 20	< 20
RES2463	50	65	22	29	22	26	24	27	< 20	< 20
RES2464	50	65	40	47	42	44	44	46	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2465	50	65	22	29	21	26	24	27	< 20	< 20
RES2466	50	65	40	47	41	44	44	46	< 20	< 20
RES2467	50	65	40	47	41	44	44	46	< 20	< 20
RES2468	50	65	42	49	42	46	45	48	< 20	< 20
RES2469	50	65	40	47	41	44	44	46	< 20	< 20
RES2470	50	65	40	47	41	44	44	46	< 20	< 20
RES2471	50	65	41	48	42	45	45	47	< 20	< 20
RES2472	50	65	39	45	41	43	41	45	< 20	< 20
RES2473	50	65	42	48	42	45	45	47	< 20	< 20
RES2474	50	65	33	40	33	38	34	38	< 20	< 20
RES2475	50	65	41	48	42	45	45	47	< 20	< 20
RES2476	50	65	40	47	42	44	44	47	< 20	< 20
RES2477	50	65	42	49	42	46	44	47	< 20	< 20
RES2478	50	65	22	29	21	26	24	27	< 20	< 20
RES2479	50	65	40	46	41	43	43	46	< 20	< 20
RES2480	50	65	41	48	42	45	44	47	< 20	< 20
RES2481	50	65	38	45	40	42	36	41	< 20	< 20
RES2482	50	65	39	46	41	43	43	46	< 20	< 20
RES2483	50	65	39	46	41	43	43	45	< 20	< 20
RES2484	50	65	42	49	42	45	44	47	< 20	< 20
RES2485	50	65	22	29	22	26	24	27	< 20	< 20
RES2486	50	65	41	48	42	45	44	47	< 20	< 20
RES2487	50	65	42	48	42	45	44	47	< 20	< 20
RES2488	50	65	41	48	41	45	44	47	< 20	< 20
RES2489	50	65	22	29	21	26	24	27	< 20	< 20
RES2490	50	65	40	46	41	43	43	46	< 20	< 20
RES2491	50	65	41	48	42	45	44	47	< 20	< 20
RES2492	50	65	41	48	42	45	44	47	< 20	< 20
RES2493	50	65	41	48	42	45	44	47	< 20	< 20
RES2494	50	65	41	48	42	45	44	47	< 20	< 20
RES2495	50	65	22	29	21	26	24	27	< 20	< 20
RES2496	50	65	41	48	42	45	44	47	< 20	< 20
RES2497	50	65	40	47	41	44	44	46	< 20	< 20
RES2498	50	65	22	28	21	25	24	27	< 20	< 20
RES2499	50	65	40	47	41	44	43	46	< 20	< 20
RES2500	50	65	22	30	24	26	27	28	< 20	< 20
RES2501	50	65	40	47	41	44	43	46	< 20	< 20
RES2502	50	65	41	48	41	45	44	47	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2503	50	65	40	47	41	44	43	46	< 20	< 20
RES2504	50	65	22	29	22	25	25	27	< 20	< 20
RES2505	50	65	40	46	41	44	43	46	< 20	< 20
RES2506	50	65	39	46	41	43	43	46	< 20	< 20
RES2507	50	65	32	38	33	36	34	38	< 20	< 20
RES2508	50	65	40	46	41	43	43	46	< 20	< 20
RES2509	50	65	39	46	41	43	43	46	< 20	< 20
RES2510	50	65	41	48	41	45	44	47	< 20	< 20
RES2511	50	65	21	28	21	25	24	27	< 20	< 20
RES2512	50	65	41	48	41	45	44	47	< 20	< 20
RES2513	50	65	41	48	41	45	44	47	< 20	< 20
RES2514	50	65	21	28	21	25	24	26	< 20	< 20
RES2515	50	65	39	46	40	43	42	45	< 20	< 20
RES2516	50	65	41	48	41	45	44	47	< 20	< 20
RES2517	50	65	39	46	41	43	43	45	< 20	< 20
RES2518	50	65	41	47	41	44	44	47	< 20	< 20
RES2519	50	65	39	46	40	43	43	45	< 20	< 20
RES2520	50	65	40	47	41	44	43	46	< 20	< 20
RES2521	50	65	40	47	41	44	44	47	< 20	< 20
RES2522	50	65	21	28	21	25	23	26	< 20	< 20
RES2523	50	65	41	48	41	45	44	47	< 20	< 20
RES2524	50	65	40	47	41	44	44	46	< 20	< 20
RES2525	50	65	40	47	41	44	44	46	< 20	< 20
RES2526	50	65	39	46	41	43	43	46	< 20	< 20
RES2527	50	65	41	47	41	45	44	47	< 20	< 20
RES2528	50	65	21	28	21	25	24	26	< 20	< 20
RES2529	50	65	39	46	41	43	43	45	< 20	< 20
RES2530	50	65	39	46	41	43	43	46	< 20	< 20
RES2531	50	65	39	46	41	43	43	45	< 20	< 20
RES2532	50	65	40	47	41	44	43	46	< 20	< 20
RES2533	50	65	21	28	21	25	24	26	< 20	< 20
RES2534	50	65	39	46	41	43	43	45	< 20	< 20
RES2535	50	65	41	47	41	44	43	46	< 20	< 20
RES2536	50	65	39	46	40	43	43	45	< 20	< 20
RES2537	50	65	40	47	41	44	43	46	< 20	< 20
RES2538	50	65	40	47	41	44	43	46	< 20	< 20
RES2539	50	65	41	47	41	44	43	46	< 20	< 20
RES2540	50	65	21	28	21	25	24	26	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2541	50	65	40	47	41	44	43	46	< 20	< 20
RES2542	50	65	40	47	41	44	43	46	< 20	< 20
RES2543	50	65	40	47	41	44	43	46	< 20	< 20
RES2544	50	65	21	28	22	25	25	27	< 20	< 20
RES2545	50	65	21	28	20	25	23	26	< 20	< 20
RES2546	50	65	40	47	41	44	43	46	< 20	< 20
RES2547	50	65	21	28	21	25	23	26	< 20	< 20
RES2548	50	65	21	28	21	25	23	26	< 20	< 20
RES2549	50	65	23	30	23	27	26	28	< 20	< 20
RES2550	50	65	39	46	40	43	42	45	< 20	< 20
RES2551	50	65	40	47	41	44	43	46	< 20	< 20
RES2552	50	65	40	47	41	44	43	46	< 20	< 20
RES2553	50	65	40	47	41	44	43	46	< 20	< 20
RES2554	50	65	40	47	41	44	43	46	< 20	< 20
RES2555	50	65	21	28	20	25	23	26	< 20	< 20
RES2556	50	65	40	47	41	44	43	46	< 20	< 20
RES2557	50	65	21	28	20	24	23	26	< 20	< 20
RES2558	50	65	37	44	40	41	38	44	< 20	< 20
RES2559	50	65	29	36	32	33	33	34	< 20	< 20
RES2560	50	65	40	47	41	44	43	46	< 20	< 20
RES2561	50	65	40	46	41	43	43	46	< 20	< 20
RES2562	50	65	39	46	41	43	43	46	< 20	< 20
RES2563	50	65	40	47	41	44	43	46	< 20	< 20
RES2564	50	65	39	46	40	43	42	46	< 20	< 20
RES2565	50	65	40	47	41	44	43	46	< 20	< 20
RES2566	50	65	40	47	41	44	43	46	< 20	< 20
RES2567	50	65	21	27	20	24	23	26	< 20	< 20
RES2568	50	65	39	46	41	43	43	46	< 20	< 20
RES2569	50	65	40	47	41	44	43	46	< 20	< 20
RES2570	50	65	40	46	41	43	43	46	< 20	< 20
RES2571	50	65	21	28	21	24	24	25	< 20	< 20
RES2572	50	65	40	47	40	44	43	46	< 20	< 20
RES2573	50	65	27	34	30	32	31	33	< 20	< 20
RES2574	50	65	20	27	21	24	23	26	< 20	< 20
RES2575	50	65	39	46	40	43	43	45	< 20	< 20
RES2576	50	65	37	43	39	40	35	39	< 20	< 20
RES2577	50	65	39	46	40	43	42	45	< 20	< 20
RES2578	50	65	40	47	40	44	43	46	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2579	50	65	40	47	41	44	43	46	< 20	< 20
RES2580	50	65	20	27	22	24	24	26	< 20	< 20
RES2581	50	65	39	46	40	43	42	45	< 20	< 20
RES2582	50	65	39	45	40	43	42	45	< 20	< 20
RES2583	50	65	39	46	40	43	43	46	< 20	< 20
RES2584	50	65	38	45	40	42	41	45	< 20	< 20
RES2585	50	65	39	46	40	43	43	46	< 20	< 20
RES2586	50	65	39	46	40	43	43	46	< 20	< 20
RES2587	50	65	20	27	20	24	23	25	< 20	< 20
RES2588	50	65	39	46	40	43	43	46	< 20	< 20
RES2589	50	65	36	43	38	40	34	38	< 20	< 20
RES2590	50	65	30	36	32	33	33	35	< 20	< 20
RES2591	50	65	20	27	20	24	23	25	< 20	< 20
RES2592	50	65	40	46	40	43	42	46	< 20	< 20
RES2593	50	65	40	46	40	44	42	46	< 20	< 20
RES2594	50	65	39	46	41	43	43	46	< 20	< 20
RES2595	50	65	20	27	20	24	23	25	< 20	< 20
RES2596	50	65	37	44	40	41	41	45	< 20	< 20
RES2597	50	65	39	46	40	43	42	46	< 20	< 20
RES2598	50	65	20	27	20	24	23	25	< 20	< 20
RES2599	50	65	39	46	40	43	42	45	< 20	< 20
RES2600	50	65	21	28	23	25	25	26	< 20	< 20
RES2601	50	65	39	46	40	43	42	46	< 20	< 20
RES2602	50	65	39	46	40	43	42	45	< 20	< 20
RES2603	50	65	39	46	40	43	42	46	< 20	< 20
RES2604	50	65	36	43	39	40	34	37	< 20	< 20
RES2605	50	65	20	27	20	24	23	25	< 20	< 20
RES2606	50	65	39	46	40	43	42	45	< 20	< 20
RES2607	50	65	37	44	40	41	40	45	< 20	< 20
RES2608	50	65	20	27	20	24	22	25	< 20	< 20
RES2609	50	65	< 20	26	21	23	23	20	< 20	< 20
RES2610	50	65	39	46	40	43	42	45	< 20	< 20
RES2611	50	65	39	46	40	43	42	45	< 20	< 20
RES2612	50	65	33	40	32	37	34	37	< 20	< 20
RES2613	50	65	31	37	32	34	34	37	< 20	< 20
RES2614	50	65	39	46	40	43	42	45	< 20	< 20
RES2615	50	65	39	46	40	43	42	45	< 20	< 20
RES2616	50	65	20	27	20	24	22	25	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2617	50	65	20	26	20	23	23	25	< 20	< 20
RES2618	50	65	< 20	26	< 20	23	22	25	< 20	< 20
RES2619	50	65	37	44	39	41	40	44	< 20	< 20
RES2620	50	65	35	42	32	39	34	37	< 20	< 20
RES2621	50	65	25	32	22	29	27	25	< 20	< 20
RES2622	50	65	39	45	40	43	42	45	< 20	< 20
RES2623	50	65	39	45	40	43	42	45	< 20	< 20
RES2624	50	65	< 20	26	< 20	23	22	25	< 20	< 20
RES2625	50	65	< 20	26	20	23	22	25	< 20	< 20
RES2626	50	65	39	46	40	43	42	45	< 20	< 20
RES2627	50	65	29	36	32	33	33	29	< 20	< 20
RES2628	50	65	36	43	38	40	34	37	< 20	< 20
RES2629	50	65	31	38	32	35	34	37	< 20	< 20
RES2630	50	65	< 20	26	20	23	23	24	< 20	< 20
RES2631	50	65	39	45	39	42	42	45	< 20	< 20
RES2632	50	65	38	45	39	42	42	45	< 20	< 20
RES2633	50	65	< 20	26	< 20	23	22	25	< 20	< 20
RES2634	50	65	< 20	26	< 20	23	22	25	< 20	< 20
RES2635	50	65	33	40	32	37	34	37	< 20	< 20
RES2636	50	65	37	43	39	40	39	44	< 20	< 20
RES2637	50	65	37	43	39	40	40	44	< 20	< 20
RES2638	50	65	35	41	32	39	34	37	< 20	< 20
RES2639	50	65	23	29	< 20	26	22	24	< 20	< 20
RES2640	50	65	< 20	26	< 20	23	22	24	< 20	< 20
RES2641	50	65	31	38	32	35	33	37	< 20	< 20
RET0001	50	65	83	89	70	86	89	62	< 20	< 20
RET0002	50	65	-*	-*	70	-*	84	62	< 20	< 20
RET0003	50	65	80	86	66	82	73	60	< 20	< 20
RET0004	50	65	78	84	65	80	71	59	< 20	< 20
RET0005	50	65	-*	-*	69	-*	80	61	< 20	< 20
RET0006	50	65	-*	-*	68	-*	77	61	< 20	< 20
RET0007	50	65	79	86	59	82	74	56	< 20	< 20
RET0008	50	65	35	42	38	39	44	42	< 20	< 20
RET0009	50	65	36	42	38	39	44	42	< 20	< 20
RET0010	50	65	35	41	37	39	43	41	< 20	< 20
RET0011	50	65	78	84	56	80	78	56	41	< 20
RET0012	50	65	48	55	50	52	50	52	< 20	< 20
RET0013	50	65	47	53	48	50	49	52	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RET0014	50	65	47	54	48	51	50	52	< 20	< 20
RET0015	50	65	47	53	48	50	49	52	< 20	< 20
RET0016	50	65	45	52	47	48	47	50	< 20	< 20
RET0017	50	65	46	53	48	50	49	51	< 20	< 20
RET0018	50	65	46	53	48	50	49	51	< 20	< 20
RET0019	50	65	49	55	50	52	51	53	< 20	< 20
RET0020	50	65	46	53	48	50	49	51	< 20	< 20
RET0021	50	65	46	53	48	50	49	51	< 20	< 20
RET0022	50	65	46	53	48	50	49	51	< 20	< 20
RET0023	50	65	46	53	48	50	49	51	< 20	< 20
RET0024	50	65	46	53	48	50	49	51	< 20	< 20
RET0025	50	65	46	53	47	49	48	51	< 20	< 20
RET0026	50	65	48	55	49	51	50	53	< 20	< 20
RET0027	50	65	46	53	48	50	49	51	< 20	< 20
RET0028	50	65	45	52	47	49	48	50	< 20	< 20
RET0029	50	65	46	53	48	50	49	51	< 20	< 20
RET0030	50	65	46	53	48	50	49	51	< 20	< 20
RET0031	50	65	45	52	47	49	48	50	< 20	< 20
RET0032	50	65	46	53	48	49	48	51	< 20	< 20
RET0033	50	65	46	53	48	49	48	51	< 20	< 20
RET0034	50	65	46	53	48	49	48	51	< 20	< 20
RET0035	50	65	46	53	48	49	48	51	< 20	< 20
RET0036	50	65	46	53	48	49	48	51	< 20	< 20
RET0037	50	65	46	53	48	49	48	51	< 20	< 20
RET0038	50	65	45	52	47	49	47	50	< 20	< 20
RET0039	50	65	46	52	48	49	48	50	< 20	< 20
RET0040	50	65	45	52	48	49	48	50	< 20	< 20
RET0041	50	65	46	53	48	50	49	51	< 20	< 20
RET0042	50	65	45	52	48	49	48	50	< 20	< 20
RET0043	50	65	46	53	48	50	49	51	< 20	< 20
RET0044	50	65	46	53	48	50	48	51	< 20	< 20
RET0045	50	65	46	53	48	50	48	51	< 20	< 20
RET0046	50	65	46	53	48	50	48	51	< 20	< 20
RET0047	50	65	46	53	48	50	48	51	< 20	< 20
RET0048	50	65	47	54	49	51	49	52	< 20	< 20
RET0049	50	65	45	52	48	49	48	50	< 20	< 20
RET0050	50	65	46	53	48	50	48	50	< 20	< 20
RET0051	50	65	46	53	48	50	48	50	< 20	< 20

Receptor ID	Standard hours									
	Criteria, dB(A)		Façade Corrected $L_{A,eq}$, dB(A)							
	Low er	Upper	Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RET0052	50	65	46	53	49	50	48	50	< 20	< 20
RET0053	50	65	46	53	48	50	48	50	< 20	< 20
RET0054	50	65	46	53	49	50	49	50	< 20	< 20
RET0055	50	65	47	54	49	50	49	51	< 20	< 20
RET0056	50	65	41	47	42	44	42	32	< 20	< 20
RET0057	50	65	40	47	41	44	42	32	< 20	< 20
RET0058	50	65	41	48	42	45	42	32	< 20	< 20
RET0059	50	65	74	80	77	76	49	47	< 20	< 20
RET0060	50	65	49	56	51	52	52	53	< 20	< 20
RET0061	50	65	39	46	41	43	43	45	< 20	< 20
SPO0001	50	65	39	46	42	43	42	44	< 20	< 20
SPO0002	50	65	40	47	40	44	44	43	< 20	< 20
SPO0003	50	65	39	46	41	43	47	44	< 20	< 20
SPO0004	50	65	38	45	40	42	45	44	< 20	< 20
SPO0005	50	65	35	42	37	39	44	41	< 20	< 20
SPO0006	50	65	33	40	36	37	43	40	< 20	< 20
SPO0007	50	65	39	46	42	43	42	45	< 20	< 20
SPO0008	50	65	42	49	44	46	45	48	< 20	< 20
SPO0009	50	65	45	52	47	49	48	51	< 20	< 20
SPO0010	50	65	42	49	45	46	45	47	< 20	< 20
SPO0011	50	65	46	52	47	49	48	51	< 20	< 20
SPO0012	50	65	63	70	64	66	60	56	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
COM0001	-	42	47	40	46	35	44	< 20	< 20
COM0002	-	36	41	38	40	43	41	< 20	< 20
COM0003	-	34	40	37	38	43	41	< 20	< 20
COM0004	-	45	49	43	49	48	45	32	< 20
COM0005	-	44	48	45	47	47	49	< 20	< 20
COM0006	-	44	48	46	47	47	49	< 20	< 20
COM0007	-	43	48	46	47	46	49	< 20	< 20
COM0008	-	46	50	47	49	48	51	< 20	< 20
COM0009	-	47	51	48	51	50	52	< 20	< 20
COM0010	-	48	51	49	51	50	52	< 20	< 20
COM0011	-	50	53	51	53	52	54	< 20	< 20
COM0012	-	40	44	41	44	42	38	< 20	< 20
COM0013	-	41	45	40	45	44	<20	< 20	< 20
EDU0001	-	42	46	39	45	35	42	< 20	< 20
EDU0002	-	68	70	63	71	67	60	< 20	< 20
EDU0003	-	82	83	60	84	82	60	39	< 20
EDU0004	-	42	47	45	46	45	48	< 20	< 20
EDU0005	-	44	48	46	48	47	50	< 20	< 20
EDU0006	-	46	50	47	49	48	51	< 20	< 20
EDU0007	-	46	50	48	49	48	50	< 20	< 20
EDU0008	-	47	51	49	51	50	52	< 20	< 20
EDU0009	-	50	54	51	54	45	37	< 20	< 20
HOT0001	-	35	40	38	39	44	42	< 20	< 20
HOT0002	-	47	51	49	51	50	52	< 20	< 20
HOT0003	-	69	70	66	72	68	68	< 20	< 20
HOT0004	-	40	45	42	44	42	33	< 20	< 20
HOT0005	-	41	46	43	45	44	47	< 20	< 20
MED0001	-	40	44	42	43	43	45	< 20	< 20
OFF0001	45	47	51	48	51	50	52	< 20	< 20
OFF0002	45	45	49	47	49	48	50	< 20	< 20
OFF0003	45	46	50	48	50	49	51	< 20	< 20
OFF0004	45	46	51	48	50	49	51	< 20	< 20
OFF0005	45	48	52	49	51	50	53	< 20	< 20
OFF0006	45	47	51	49	51	50	52	< 20	< 20
OFF0007	45	47	51	49	51	49	52	< 20	< 20
OFF0008	45	47	51	49	51	49	52	< 20	< 20
OFF0009	45	47	51	49	51	49	52	< 20	< 20
OFF0010	45	47	51	49	51	50	52	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
OFF0011	45	46	50	48	50	48	50	< 20	< 20
OFF0012	45	47	51	49	51	49	51	< 20	< 20
OFF0013	45	40	45	42	44	44	46	< 20	< 20
REC0001	45	48	52	49	52	51	53	< 20	< 20
REC0002	45	48	52	49	52	51	53	< 20	< 20
REC0003	45	48	52	47	51	50	50	< 20	25
RES0001	45	43	48	43	47	36	47	< 20	< 20
RES0002	45	41	46	40	45	35	43	< 20	< 20
RES0003	45	41	46	39	45	35	43	< 20	< 20
RES0004	45	41	46	40	45	35	44	< 20	< 20
RES0005	45	41	46	39	45	35	43	< 20	< 20
RES0006	45	41	46	40	45	35	43	< 20	< 20
RES0007	45	41	46	39	45	35	43	< 20	< 20
RES0008	45	42	46	40	45	35	43	< 20	< 20
RES0009	45	42	46	40	46	35	44	< 20	< 20
RES0010	45	42	46	40	45	35	43	< 20	< 20
RES0011	45	41	46	39	45	35	43	< 20	< 20
RES0012	45	41	46	39	45	35	43	< 20	< 20
RES0013	45	42	46	40	46	35	43	< 20	< 20
RES0014	45	42	46	39	45	35	43	< 20	< 20
RES0015	45	42	46	40	46	35	43	< 20	< 20
RES0016	45	41	46	39	45	35	42	< 20	< 20
RES0017	45	42	47	40	46	35	43	< 20	< 20
RES0018	45	41	46	38	45	35	42	< 20	< 20
RES0019	45	42	47	40	46	35	43	< 20	< 20
RES0020	45	43	47	40	46	36	43	< 20	< 20
RES0021	45	41	46	39	45	35	42	< 20	< 20
RES0022	45	41	46	38	45	35	42	< 20	< 20
RES0023	45	41	46	38	45	35	42	< 20	< 20
RES0024	45	42	47	40	46	35	43	< 20	< 20
RES0025	45	43	47	40	46	36	43	< 20	< 20
RES0026	45	41	46	38	45	35	42	< 20	< 20
RES0027	45	42	47	40	46	36	43	< 20	< 20
RES0028	45	42	46	39	46	35	42	< 20	< 20
RES0029	45	42	47	39	46	35	42	< 20	< 20
RES0030	45	43	47	40	47	36	43	< 20	< 20
RES0031	45	42	47	39	46	36	43	< 20	< 20
RES0032	45	43	47	40	46	36	43	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0033	45	41	46	38	45	35	42	< 20	< 20
RES0034	45	43	47	40	47	36	43	< 20	< 20
RES0035	45	42	47	39	46	35	42	< 20	< 20
RES0036	45	43	48	40	47	36	43	< 20	< 20
RES0037	45	42	46	39	46	35	42	< 20	< 20
RES0038	45	42	47	39	46	36	43	< 20	< 20
RES0039	45	43	47	40	47	36	43	< 20	< 20
RES0040	45	42	46	39	46	35	42	< 20	< 20
RES0041	45	42	46	38	45	35	42	< 20	< 20
RES0042	45	42	47	39	46	36	42	< 20	< 20
RES0043	45	43	47	39	47	36	43	< 20	< 20
RES0044	45	43	47	40	47	36	43	< 20	< 20
RES0045	45	43	48	40	47	36	43	< 20	< 20
RES0046	45	56	59	54	59	40	56	< 20	< 20
RES0047	45	42	46	38	46	35	42	< 20	< 20
RES0048	45	43	47	39	46	36	43	< 20	< 20
RES0049	45	42	47	39	46	36	42	< 20	< 20
RES0050	45	42	47	39	46	36	42	< 20	< 20
RES0051	45	42	46	38	46	35	42	< 20	< 20
RES0052	45	43	47	39	47	36	43	< 20	< 20
RES0053	45	43	47	39	46	36	42	< 20	< 20
RES0054	45	42	47	39	46	36	42	< 20	< 20
RES0055	45	43	47	39	47	36	43	< 20	< 20
RES0056	45	42	47	38	46	36	42	< 20	< 20
RES0057	45	43	48	39	47	36	43	< 20	< 20
RES0058	45	48	52	50	52	39	53	< 20	< 20
RES0059	45	46	51	49	50	39	51	< 20	< 20
RES0060	45	46	50	46	50	48	<20	< 20	< 20
RES0061	45	80	82	73	83	82	<20	< 20	< 20
RES0062	45	82	83	37	84	83	<20	< 20	< 20
RES0063	45	63	65	55	66	56	37	< 20	< 20
RES0064	45	81	82	92	83	103	<20	< 20	< 20
RES0065	45	79	81	86	82	89	<20	< 20	< 20
RES0066	45	75	76	79	77	80	<20	< 20	< 20
RES0067	45	75	76	70	77	79	<20	< 20	< 20
RES0068	45	73	74	76	75	76	<20	< 20	< 20
RES0069	45	74	75	51	76	52	35	< 20	< 20
RES0070	45	62	64	44	65	62	<20	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0071	45	89	91	59	92	93	<20	< 20	< 20
RES0072	45	42	47	43	46	42	<20	< 20	< 20
RES0073	45	66	68	57	69	68	<20	< 20	< 20
RES0074	45	75	76	56	77	79	<20	< 20	< 20
RES0075	45	49	53	40	53	48	44	< 20	< 20
RES0076	45	62	64	54	65	63	56	< 20	< 20
RES0077	45	73	75	55	76	74	56	< 20	< 20
RES0078	45	65	67	58	67	67	60	< 20	< 20
RES0079	45	64	66	58	67	66	60	< 20	< 20
RES0080	45	78	80	55	81	80	56	< 20	< 20
RES0081	45	64	66	58	67	65	60	< 20	< 20
RES0082	45	83	84	55	86	87	55	< 20	< 20
RES0083	45	92	93	54	95	92	55	< 20	< 20
RES0084	45	66	68	59	69	68	61	< 20	< 20
RES0085	45	66	67	59	68	67	61	< 20	< 20
RES0086	45	66	68	59	69	67	61	< 20	< 20
RES0087	45	41	46	44	45	44	32	< 20	< 20
RES0088	45	66	68	59	69	67	60	< 20	< 20
RES0089	45	74	75	47	76	79	49	< 20	< 20
RES0090	45	69	71	60	72	72	63	< 20	< 20
RES0091	45	69	70	60	71	70	62	< 20	< 20
RES0092	45	69	71	60	72	70	62	< 20	< 20
RES0093	45	70	71	60	72	70	62	< 20	< 20
RES0094	45	42	47	45	46	45	32	< 20	< 20
RES0095	45	67	69	59	70	68	60	< 20	< 20
RES0096	45	69	70	59	71	71	59	< 20	< 20
RES0097	45	69	71	60	72	70	61	< 20	< 20
RES0098	45	70	71	59	72	73	59	< 20	< 20
RES0099	45	68	70	60	71	69	60	< 20	< 20
RES0100	45	68	69	60	70	68	60	< 20	< 20
RES0101	45	75	76	58	77	81	57	< 20	< 20
RES0102	45	67	69	60	70	69	60	< 20	< 20
RES0103	45	73	74	62	76	73	63	< 20	< 20
RES0104	45	76	78	58	79	84	57	< 20	< 20
RES0105	45	78	80	57	81	86	57	< 20	< 20
RES0106	45	69	71	60	72	72	59	< 20	< 20
RES0107	45	79	80	57	81	86	57	< 20	< 20
RES0108	45	75	76	63	77	75	63	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0109	45	72	73	62	74	72	61	< 20	< 20
RES0110	45	81	82	57	83	87	56	< 20	< 20
RES0111	45	71	73	59	74	75	58	< 20	< 20
RES0112	45	75	77	63	78	75	62	< 20	< 20
RES0113	45	72	73	59	74	75	58	< 20	< 20
RES0114	45	77	78	63	79	77	63	< 20	< 20
RES0115	45	72	73	62	74	73	61	< 20	< 20
RES0116	45	71	72	62	74	72	61	< 20	< 20
RES0117	45	93	94	56	95	93	56	< 20	< 20
RES0118	45	76	78	64	79	78	65	< 20	< 20
RES0119	45	83	84	57	86	83	56	< 20	< 20
RES0120	45	73	74	59	75	77	58	< 20	< 20
RES0121	45	73	75	58	76	77	57	< 20	< 20
RES0122	45	79	81	64	82	80	64	< 20	< 20
RES0123	45	75	77	58	78	77	57	< 20	< 20
RES0124	45	68	70	61	71	69	60	< 20	< 20
RES0125	45	77	78	58	79	77	57	< 20	< 20
RES0126	45	78	80	57	81	78	57	< 20	< 20
RES0127	45	80	81	57	82	80	56	< 20	< 20
RES0128	45	69	70	60	71	71	59	< 20	< 20
RES0129	45	80	81	64	82	81	63	< 20	< 20
RES0130	45	77	78	64	79	79	62	< 20	< 20
RES0131	45	68	70	62	71	69	60	< 20	< 20
RES0132	45	70	71	62	73	71	61	< 20	< 20
RES0133	45	75	77	64	78	77	62	< 20	< 20
RES0134	45	70	72	59	73	72	58	< 20	< 20
RES0135	45	72	74	63	75	74	61	< 20	< 20
RES0136	45	68	69	62	70	69	60	< 20	< 20
RES0137	45	71	72	63	73	72	61	< 20	< 20
RES0138	45	69	70	62	71	70	60	< 20	< 20
RES0139	45	84	85	66	86	91	64	< 20	< 20
RES0140	45	79	80	65	81	82	63	< 20	< 20
RES0141	45	67	69	61	69	69	59	< 20	< 20
RES0142	45	74	76	65	77	76	62	< 20	< 20
RES0143	45	76	78	65	79	79	63	< 20	< 20
RES0144	45	73	74	57	75	74	56	< 20	< 20
RES0145	45	72	74	57	75	73	56	< 20	< 20
RES0146	45	73	74	65	76	75	62	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0147	45	89	90	68	91	94	67	< 20	< 20
RES0148	45	72	73	57	74	73	56	< 20	< 20
RES0149	45	67	69	61	70	68	59	< 20	< 20
RES0150	45	71	72	56	73	72	55	< 20	< 20
RES0151	45	69	70	64	71	70	61	< 20	< 20
RES0152	45	68	70	60	71	68	58	< 20	< 20
RES0153	45	69	70	60	71	69	58	< 20	< 20
RES0154	45	72	73	56	74	72	55	< 20	< 20
RES0155	45	70	72	56	73	71	55	< 20	< 20
RES0156	45	72	73	65	74	73	62	< 20	< 20
RES0157	45	73	74	56	75	73	55	< 20	< 20
RES0158	45	86	87	68	88	98	65	< 20	< 20
RES0159	45	69	71	59	72	70	57	< 20	< 20
RES0160	45	76	78	55	79	77	54	< 20	< 20
RES0161	45	78	79	68	81	80	64	< 20	< 20
RES0162	45	69	71	65	72	70	61	< 20	< 20
RES0163	45	75	77	68	78	77	63	< 20	< 20
RES0164	45	69	70	58	72	69	56	< 20	< 20
RES0165	45	69	70	58	71	69	56	< 20	< 20
RES0166	45	72	74	67	75	73	62	< 20	< 20
RES0167	45	68	70	58	71	70	56	< 20	< 20
RES0168	45	69	71	57	72	71	56	< 20	< 20
RES0169	45	71	72	66	73	71	62	< 20	< 20
RES0170	45	70	72	57	73	72	55	< 20	< 20
RES0171	45	78	79	71	81	111	66	< 20	< 20
RES0172	45	76	78	71	79	87	65	< 20	< 20
RES0173	45	71	73	66	74	71	61	< 20	< 20
RES0174	45	71	73	56	74	74	55	< 20	< 20
RES0175	45	76	77	71	78	83	65	< 20	< 20
RES0176	45	74	76	56	77	77	55	< 20	< 20
RES0177	45	76	77	70	78	79	64	< 20	< 20
RES0178	45	75	77	70	78	76	63	< 20	< 20
RES0179	45	74	75	68	76	76	62	< 20	< 20
RES0180	45	79	80	74	82	95	66	< 20	< 20
RES0181	45	75	77	67	78	75	62	< 20	< 20
RES0182	45	82	84	76	85	96	65	< 20	< 20
RES0183	45	86	88	75	89	94	65	< 20	< 20
RES0184	45	73	74	64	75	69	59	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0185	45	83	84	72	85	88	63	< 20	< 20
RES0186	45	97	98	75	99	98	65	< 20	< 20
RES0187	45	93	94	74	95	97	64	< 20	< 20
RES0188	45	74	76	63	77	68	59	< 20	< 20
RES0189	45	75	76	61	77	67	58	< 20	< 20
RES0190	45	76	78	62	79	67	58	< 20	< 20
RES0191	45	85	87	67	88	75	61	< 20	< 20
RES0192	45	75	77	60	78	70	57	< 20	< 20
RES0193	45	77	79	64	80	70	59	< 20	< 20
RES0194	45	75	76	58	77	76	56	< 20	< 20
RES0195	45	81	83	63	84	68	59	< 20	< 20
RES0196	45	79	81	57	82	82	55	< 20	< 20
RES0197	45	89	90	63	91	67	58	< 20	< 20
RES0198	45	80	81	58	82	81	55	< 20	< 20
RES0199	45	89	90	62	91	67	58	< 20	< 20
RES0200	45	-*	-*	70	-*	83	62	< 20	< 20
RES0201	45	76	77	70	78	87	62	< 20	< 20
RES0202	45	-*	-*	65	-*	70	59	< 20	< 20
RES0203	45	76	78	60	79	69	57	< 20	< 20
RES0204	45	73	75	57	76	80	55	< 20	< 20
RES0205	45	46	50	41	49	48	43	< 20	< 20
RES0206	45	40	45	42	44	43	<20	< 20	< 20
RES0207	45	55	58	33	58	34	<20	< 20	< 20
RES0208	45	68	70	39	71	39	<20	< 20	< 20
RES0209	45	40	44	35	43	39	<20	< 20	< 20
RES0210	45	49	52	36	52	50	<20	< 20	20
RES0211	45	41	45	42	44	44	<20	< 20	< 20
RES0212	45	46	50	41	50	44	<20	< 20	25
RES0213	45	45	49	41	49	43	<20	< 20	25
RES0214	45	45	49	41	49	42	<20	< 20	25
RES0215	45	45	50	42	49	43	<20	< 20	25
RES0216	45	45	49	42	49	42	<20	< 20	25
RES0217	45	45	49	42	49	42	<20	< 20	26
RES0218	45	42	47	45	46	44	<20	< 20	29
RES0219	45	71	72	75	73	78	<20	< 20	58
RES0220	45	68	69	70	70	70	<20	< 20	53
RES0221	45	50	53	49	53	52	<20	< 20	33
RES0222	45	52	55	54	55	53	<20	< 20	37

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0223	45	44	49	45	48	47	40	< 20	< 20
RES0224	45	44	49	45	48	47	40	< 20	< 20
RES0225	45	49	53	50	53	51	42	< 20	< 20
RES0226	45	41	46	41	45	43	44	< 20	< 20
RES0227	45	48	52	49	52	50	43	< 20	< 20
RES0228	45	40	45	42	44	39	46	< 20	< 20
RES0229	45	42	47	44	46	44	48	< 20	< 20
RES0230	45	50	53	50	53	42	54	< 20	< 20
RES0231	45	47	51	44	50	49	46	< 20	< 20
RES0232	45	49	53	48	52	51	51	< 20	< 20
RES0233	45	53	56	49	56	55	49	< 20	< 20
RES0234	45	52	56	51	56	54	52	< 20	< 20
RES0235	45	67	68	63	69	48	63	< 20	< 20
RES0236	45	65	66	61	67	49	61	< 20	< 20
RES0237	45	52	55	49	55	54	51	< 20	< 20
RES0238	45	42	46	44	45	44	47	< 20	< 20
RES0239	45	82	83	71	84	82	57	< 20	< 20
RES0240	45	42	46	39	46	37	44	< 20	< 20
RES0241	45	43	47	40	47	42	38	< 20	< 20
RES0242	45	43	47	44	47	45	36	< 20	< 20
RES0243	45	54	57	48	57	50	37	< 20	< 20
RES0244	45	50	54	50	53	52	34	< 20	< 20
RES0245	45	52	56	50	56	54	31	< 20	< 20
RES0246	45	40	44	39	43	42	37	< 20	< 20
RES0247	45	42	47	42	46	45	<20	< 20	< 20
RES0248	45	41	46	41	45	44	<20	< 20	< 20
RES0249	45	42	47	42	46	45	<20	< 20	< 20
RES0250	45	42	47	44	46	45	43	< 20	< 20
RES0251	45	47	51	42	51	49	32	< 20	< 20
RES0252	45	61	63	50	64	62	36	< 20	< 20
RES0253	45	43	47	45	47	46	46	< 20	< 20
RES0254	45	63	65	39	66	54	<20	< 20	< 20
RES0255	45	40	44	41	43	43	44	< 20	< 20
RES0256	45	40	45	41	44	43	44	< 20	< 20
RES0257	45	40	45	41	44	44	44	< 20	< 20
RES0258	45	40	45	41	44	44	44	< 20	< 20
RES0259	45	40	45	41	44	44	43	< 20	< 20
RES0260	45	42	47	43	46	45	46	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0261	45	41	45	42	44	41	39	< 20	< 20
RES0262	45	44	48	46	47	46	44	< 20	< 20
RES0263	45	47	51	42	50	49	34	< 20	< 20
RES0264	45	48	51	42	51	49	34	< 20	< 20
RES0265	45	52	55	50	55	50	55	< 20	< 20
RES0266	45	40	44	42	43	43	<20	< 20	< 20
RES0267	45	58	60	57	61	55	<20	< 20	< 20
RES0268	45	54	57	38	57	51	<20	< 20	< 20
RES0269	45	47	51	48	50	50	<20	< 20	< 20
RES0270	45	46	50	48	50	48	<20	< 20	< 20
RES0271	45	65	66	53	67	56	59	< 20	< 20
RES0272	45	69	71	61	72	50	68	< 20	< 20
RES0273	45	73	75	67	76	41	59	< 20	< 20
RES0274	45	71	73	57	74	56	72	< 20	< 20
RES0275	45	51	55	53	55	53	55	< 20	< 20
RES0276	45	58	60	58	61	59	59	< 20	< 20
RES0277	45	58	61	59	61	60	59	< 20	< 20
RES0278	45	61	63	55	64	62	57	< 20	< 20
RES0279	45	49	52	48	52	51	51	< 20	< 20
RES0280	45	43	47	41	47	46	44	< 20	< 20
RES0281	45	41	46	42	45	45	45	< 20	< 20
RES0282	45	46	50	42	50	49	47	< 20	< 20
RES0283	45	65	66	51	67	63	55	< 20	< 20
RES0284	45	53	56	55	56	52	55	< 20	< 20
RES0285	45	54	57	56	57	53	56	< 20	< 20
RES0286	45	49	53	45	53	52	46	< 20	< 20
RES0287	45	41	45	41	45	44	44	< 20	< 20
RES0288	45	57	60	41	60	52	43	< 20	< 20
RES0289	45	70	72	35	73	71	38	< 20	< 20
RES0290	45	66	67	34	68	65	36	< 20	< 20
RES0291	45	42	47	32	46	45	35	< 20	< 20
RES0292	45	48	52	42	52	50	<20	< 20	< 20
RES0293	45	49	53	42	52	51	<20	< 20	< 20
RES0294	45	49	53	43	52	50	<20	< 20	< 20
RES0295	45	45	49	39	49	48	<20	< 20	< 20
RES0296	45	52	55	51	55	54	36	< 20	< 20
RES0297	45	53	56	51	56	54	39	< 20	< 20
RES0298	45	60	62	49	63	59	46	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0299	45	46	50	42	49	48	46	< 20	< 20
RES0300	45	43	47	42	46	46	46	< 20	< 20
RES0301	45	57	60	51	60	58	55	< 20	< 20
RES0302	45	42	46	43	46	43	27	< 20	< 20
RES0303	45	61	64	54	64	63	57	< 20	< 20
RES0304	45	71	72	74	73	61	54	< 20	< 20
RES0305	45	63	65	60	65	64	52	< 20	< 20
RES0306	45	39	44	47	43	43	37	< 20	< 20
RES0307	45	64	66	51	67	65	39	< 20	< 20
RES0308	45	38	43	43	42	41	<20	< 20	< 20
RES0309	45	49	53	49	52	51	34	< 20	< 20
RES0310	45	48	52	48	51	50	32	< 20	< 20
RES0311	45	48	52	46	52	47	<20	< 20	< 20
RES0312	45	71	73	43	74	57	35	< 20	< 20
RES0313	45	83	84	36	85	83	41	< 20	< 20
RES0314	45	59	61	46	62	48	51	< 20	< 20
RES0315	45	59	61	46	62	48	51	< 20	< 20
RES0316	45	59	61	46	62	48	51	< 20	< 20
RES0317	45	43	48	33	47	46	39	< 20	< 20
RES0318	45	72	73	70	74	73	71	< 20	< 20
RES0319	45	63	65	55	65	57	54	< 20	< 20
RES0320	45	64	66	65	67	65	63	< 20	< 20
RES0321	45	69	70	62	71	69	47	< 20	< 20
RES0322	45	49	53	44	53	45	39	< 20	< 20
RES0323	45	47	51	49	50	69	51	< 20	< 20
RES0324	45	47	51	49	50	60	52	< 20	< 20
RES0325	45	39	44	40	43	52	44	< 20	< 20
RES0326	45	44	49	47	48	60	49	< 20	< 20
RES0327	45	62	64	62	65	63	47	< 20	< 20
RES0328	45	43	47	45	46	56	48	< 20	< 20
RES0329	45	42	47	45	46	55	48	< 20	< 20
RES0330	45	38	43	41	42	51	44	< 20	< 20
RES0331	45	38	43	41	42	51	44	< 20	< 20
RES0332	45	38	43	41	42	52	45	< 20	< 20
RES0333	45	37	42	40	41	50	44	< 20	< 20
RES0334	45	37	42	40	41	50	44	< 20	< 20
RES0335	45	37	42	39	40	48	43	< 20	< 20
RES0336	45	36	41	38	40	47	42	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0337	45	35	40	37	39	46	41	< 20	< 20
RES0338	45	35	40	37	39	46	41	< 20	< 20
RES0339	45	36	41	38	40	47	42	< 20	< 20
RES0340	45	35	40	37	39	46	42	< 20	< 20
RES0341	45	41	45	43	44	49	47	< 20	< 20
RES0342	45	39	44	42	43	50	45	< 20	< 20
RES0343	45	35	40	36	39	45	41	< 20	< 20
RES0344	45	37	42	40	41	50	44	< 20	< 20
RES0345	45	37	42	40	41	50	44	< 20	< 20
RES0346	45	36	41	38	40	48	42	< 20	< 20
RES0347	45	36	41	39	40	49	43	< 20	< 20
RES0348	45	38	43	41	42	50	44	< 20	< 20
RES0349	45	36	41	39	40	49	43	< 20	< 20
RES0350	45	35	40	38	39	47	42	< 20	< 20
RES0351	45	35	40	37	39	45	41	< 20	< 20
RES0352	45	36	41	38	39	47	42	< 20	< 20
RES0353	45	36	41	38	40	48	42	< 20	< 20
RES0354	45	39	43	41	42	50	45	< 20	< 20
RES0355	45	35	40	37	39	46	42	< 20	< 20
RES0356	45	36	41	39	40	48	43	< 20	< 20
RES0357	45	35	40	37	39	46	41	< 20	< 20
RES0358	45	36	41	39	40	49	43	< 20	< 20
RES0359	45	37	42	40	41	50	44	< 20	< 20
RES0360	45	37	42	39	41	49	43	< 20	< 20
RES0361	45	36	41	39	40	48	43	< 20	< 20
RES0362	45	37	42	40	41	50	44	< 20	< 20
RES0363	45	36	41	39	40	49	43	< 20	< 20
RES0364	45	37	42	40	41	49	43	< 20	< 20
RES0365	45	36	41	39	40	49	43	< 20	< 20
RES0366	45	36	41	39	40	48	43	< 20	< 20
RES0367	45	38	43	41	42	49	44	< 20	< 20
RES0368	45	37	42	40	41	48	43	< 20	< 20
RES0369	45	38	42	40	41	48	44	< 20	< 20
RES0370	45	36	41	39	40	48	42	< 20	< 20
RES0371	45	35	41	38	39	48	42	< 20	< 20
RES0372	45	35	40	38	39	47	42	< 20	< 20
RES0373	45	37	42	40	41	47	44	< 20	< 20
RES0374	45	35	40	38	39	47	42	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0375	45	37	42	40	41	47	43	< 20	< 20
RES0376	45	37	42	40	41	47	43	< 20	< 20
RES0377	45	37	42	40	41	47	43	< 20	< 20
RES0378	45	36	41	39	40	48	42	< 20	< 20
RES0379	45	35	40	37	39	46	41	< 20	< 20
RES0380	45	35	40	38	39	47	42	< 20	< 20
RES0381	45	35	40	38	39	46	42	< 20	< 20
RES0382	45	35	40	38	39	46	42	< 20	< 20
RES0383	45	34	39	37	38	45	41	< 20	< 20
RES0384	45	34	39	36	38	45	41	< 20	< 20
RES0385	45	35	40	38	39	46	41	< 20	< 20
RES0386	45	34	39	37	38	45	41	< 20	< 20
RES0387	45	33	38	36	37	45	40	< 20	< 20
RES0388	45	34	39	36	38	45	40	< 20	< 20
RES0389	45	34	39	37	38	45	41	< 20	< 20
RES0390	45	37	42	39	41	44	42	< 20	< 20
RES0391	45	34	39	37	38	45	41	< 20	< 20
RES0392	45	33	38	36	37	44	40	< 20	< 20
RES0393	45	36	41	38	40	44	42	< 20	< 20
RES0394	45	37	42	39	41	44	42	< 20	< 20
RES0395	45	36	41	38	40	44	42	< 20	< 20
RES0396	45	36	41	38	40	44	42	< 20	< 20
RES0397	45	35	40	38	39	44	41	< 20	< 20
RES0398	45	35	40	38	39	44	41	< 20	< 20
RES0399	45	36	41	38	40	44	42	< 20	< 20
RES0400	45	36	41	38	40	44	42	< 20	< 20
RES0401	45	35	40	38	39	44	41	< 20	< 20
RES0402	45	32	38	35	36	43	39	< 20	< 20
RES0403	45	33	38	36	37	44	40	< 20	< 20
RES0404	45	35	40	38	39	44	41	< 20	< 20
RES0405	45	35	40	37	39	44	41	< 20	< 20
RES0406	45	35	40	37	39	44	41	< 20	< 20
RES0407	45	35	40	37	38	44	41	< 20	< 20
RES0408	45	34	40	37	38	44	41	< 20	< 20
RES0409	45	36	41	38	39	44	42	< 20	< 20
RES0410	45	36	41	38	40	44	42	< 20	< 20
RES0411	45	34	40	37	38	44	41	< 20	< 20
RES0412	45	33	39	36	37	44	40	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0413	45	34	39	37	38	44	41	< 20	< 20
RES0414	45	34	39	37	38	44	41	< 20	< 20
RES0415	45	35	41	38	39	44	41	< 20	< 20
RES0416	45	35	40	37	39	44	41	< 20	< 20
RES0417	45	33	38	35	36	43	39	< 20	< 20
RES0418	45	33	38	36	37	44	40	< 20	< 20
RES0419	45	36	41	37	40	43	41	< 20	< 20
RES0420	45	32	37	35	36	43	39	< 20	< 20
RES0421	45	35	40	37	39	43	41	< 20	< 20
RES0422	45	36	41	38	40	43	41	< 20	< 20
RES0423	45	35	40	37	39	43	41	< 20	< 20
RES0424	45	35	40	37	39	43	41	< 20	< 20
RES0425	45	35	40	37	38	43	41	< 20	< 20
RES0426	45	34	40	37	38	43	41	< 20	< 20
RES0427	45	34	39	37	38	43	41	< 20	< 20
RES0428	45	34	39	37	38	43	41	< 20	< 20
RES0429	45	34	39	37	38	43	41	< 20	< 20
RES0430	45	34	39	37	38	43	41	< 20	< 20
RES0431	45	34	39	37	38	43	41	< 20	< 20
RES0432	45	35	41	37	39	43	41	< 20	< 20
RES0433	45	65	67	60	68	66	34	28	< 20
RES0434	45	32	38	35	36	43	39	< 20	< 20
RES0435	45	35	40	37	39	43	41	< 20	< 20
RES0436	45	34	39	37	38	43	40	< 20	< 20
RES0437	45	35	40	37	39	43	41	< 20	< 20
RES0438	45	35	40	37	38	43	41	< 20	< 20
RES0439	45	34	39	37	38	43	41	< 20	< 20
RES0440	45	34	39	37	38	43	41	< 20	< 20
RES0441	45	34	39	37	38	43	41	< 20	< 20
RES0442	45	34	39	37	38	43	41	< 20	< 20
RES0443	45	34	39	37	38	43	41	< 20	< 20
RES0444	45	34	39	37	38	43	40	< 20	< 20
RES0445	45	34	39	37	38	43	40	< 20	< 20
RES0446	45	32	37	35	36	43	39	< 20	< 20
RES0447	45	35	40	37	39	43	41	< 20	< 20
RES0448	45	34	39	36	37	43	40	< 20	< 20
RES0449	45	68	70	47	71	48	40	35	< 20
RES0450	45	46	50	44	50	49	35	29	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0451	45	64	66	40	67	43	39	32	< 20
RES0452	45	47	51	44	51	50	51	32	< 20
RES0453	45	66	68	67	69	66	63	56	< 20
RES0454	45	55	58	51	58	57	57	33	< 20
RES0455	45	50	53	45	53	53	47	27	< 20
RES0456	45	47	51	48	50	49	50	39	< 20
RES0457	45	45	49	46	48	47	49	38	< 20
RES0458	45	50	53	49	53	52	50	35	< 20
RES0459	45	47	51	47	51	50	48	34	< 20
RES0460	45	66	68	63	69	66	55	31	< 20
RES0461	45	48	52	45	51	50	47	32	< 20
RES0462	45	46	50	44	50	49	46	32	< 20
RES0463	45	44	49	43	48	47	44	31	< 20
RES0464	45	41	46	40	45	44	43	29	< 20
RES0465	45	47	51	48	51	50	52	< 20	< 20
RES0466	45	59	62	62	62	62	57	< 20	< 20
RES0467	45	58	60	59	61	57	55	< 20	< 20
RES0468	45	54	57	54	57	53	56	24	< 20
RES0469	45	76	78	66	79	87	55	27	< 20
RES0470	45	55	58	51	58	57	54	25	< 20
RES0471	45	77	79	70	80	86	56	28	< 20
RES0472	45	84	85	71	86	91	61	29	< 20
RES0473	45	72	74	64	75	74	66	30	< 20
RES0474	45	76	77	69	78	79	57	28	< 20
RES0475	45	82	83	78	84	95	60	29	< 20
RES0476	45	92	94	78	95	92	60	29	< 20
RES0477	45	90	92	76	93	95	62	29	< 20
RES0478	45	58	61	56	61	59	57	30	< 20
RES0479	45	75	77	76	78	54	75	34	< 20
RES0480	45	47	51	48	51	50	51	30	< 20
RES0481	45	50	53	48	53	52	52	39	< 20
RES0482	45	41	46	43	45	44	46	29	< 20
RES0483	45	67	69	62	70	68	63	46	< 20
RES0484	45	77	79	80	80	75	54	67	< 20
RES0485	45	80	82	68	83	54	48	57	< 20
RES0486	45	78	79	53	80	84	54	42	< 20
RES0487	45	83	84	54	85	84	55	41	< 20
RES0488	45	51	55	53	54	53	49	28	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0489	45	72	74	58	75	61	51	48	< 20
RES0490	45	71	72	56	73	63	52	46	< 20
RES0491	45	70	72	54	73	67	53	44	< 20
RES0492	45	69	70	55	72	65	52	45	< 20
RES0493	45	73	74	53	75	73	54	43	< 20
RES0494	45	75	76	54	77	75	55	43	< 20
RES0495	45	70	72	53	73	70	54	43	< 20
RES0496	45	68	70	54	71	67	53	44	< 20
RES0497	45	76	78	54	79	76	55	42	< 20
RES0498	45	44	48	41	48	42	41	24	< 20
RES0499	45	82	83	56	84	82	57	41	< 20
RES0500	45	71	72	54	73	71	55	43	< 20
RES0501	45	79	80	58	81	81	57	40	< 20
RES0502	45	77	79	58	80	84	58	40	< 20
RES0503	45	79	80	59	81	84	58	40	< 20
RES0504	45	71	72	55	73	71	55	42	< 20
RES0505	45	69	70	54	72	69	55	42	< 20
RES0506	45	68	69	54	70	68	55	42	< 20
RES0507	45	41	46	35	45	42	36	< 20	< 20
RES0508	45	70	71	56	73	70	56	41	< 20
RES0509	45	62	64	53	65	62	53	44	< 20
RES0510	45	69	71	56	72	69	56	41	< 20
RES0511	45	63	65	53	65	63	53	43	< 20
RES0512	45	67	69	55	70	67	56	41	< 20
RES0513	45	65	66	53	67	65	54	42	< 20
RES0514	45	65	67	53	68	65	55	42	< 20
RES0515	45	82	84	65	85	82	63	38	< 20
RES0516	45	63	65	53	66	64	54	43	< 20
RES0517	45	56	59	58	59	48	45	48	< 20
RES0518	45	76	78	67	79	80	64	37	< 20
RES0519	45	65	67	56	68	68	57	40	< 20
RES0520	45	68	70	57	71	72	58	40	< 20
RES0521	45	44	48	37	47	43	38	< 20	< 20
RES0522	45	70	72	58	73	75	58	39	< 20
RES0523	45	74	76	58	77	83	58	39	< 20
RES0524	45	54	57	52	57	56	51	43	< 20
RES0525	45	91	92	60	93	100	60	37	< 20
RES0526	45	40	44	36	44	43	38	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0527	45	52	55	53	55	53	54	31	< 20
RES0528	45	49	53	37	53	52	39	< 20	< 20
RES0529	45	40	45	43	44	42	45	< 20	< 20
RES0530	45	40	45	41	44	44	43	33	< 20
RES0531	45	48	52	47	51	47	49	29	< 20
RES0532	45	44	48	46	47	45	47	< 20	< 20
RES0533	45	45	49	44	48	45	47	28	< 20
RES0534	45	44	49	47	48	46	48	< 20	< 20
RES0535	45	79	80	67	82	59	60	< 20	< 20
RES0536	45	70	72	62	73	57	59	< 20	< 20
RES0537	45	47	51	45	50	49	40	< 20	< 20
RES0538	45	40	44	42	43	43	46	< 20	< 20
RES0539	45	83	85	63	86	88	64	< 20	< 20
RES0540	45	40	44	42	44	43	46	< 20	< 20
RES0541	45	39	44	42	43	43	46	< 20	< 20
RES0542	45	40	44	42	44	43	46	< 20	< 20
RES0543	45	40	44	42	43	43	46	< 20	< 20
RES0544	45	39	44	42	43	43	46	< 20	< 20
RES0545	45	40	45	42	44	43	46	< 20	< 20
RES0546	45	40	45	42	44	43	46	< 20	< 20
RES0547	45	40	44	42	44	43	46	< 20	< 20
RES0548	45	40	45	42	44	43	46	< 20	< 20
RES0549	45	40	45	42	44	43	46	< 20	< 20
RES0550	45	40	45	43	44	43	46	< 20	< 20
RES0551	45	40	44	42	43	43	46	< 20	< 20
RES0552	45	40	45	42	44	43	46	< 20	< 20
RES0553	45	39	44	41	43	43	46	< 20	< 20
RES0554	45	40	45	42	44	43	46	< 20	< 20
RES0555	45	40	45	42	44	43	46	< 20	< 20
RES0556	45	40	45	42	44	43	46	< 20	< 20
RES0557	45	40	45	43	44	44	46	< 20	< 20
RES0558	45	40	45	42	44	43	46	< 20	< 20
RES0559	45	40	44	42	44	43	46	< 20	< 20
RES0560	45	40	45	42	44	43	46	< 20	< 20
RES0561	45	40	45	42	44	43	46	< 20	< 20
RES0562	45	41	46	43	45	44	47	< 20	< 20
RES0563	45	39	44	41	43	43	46	< 20	< 20
RES0564	45	40	44	42	43	43	46	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0565	45	40	45	42	44	44	46	< 20	< 20
RES0566	45	40	44	42	43	43	46	< 20	< 20
RES0567	45	40	44	42	44	43	46	< 20	< 20
RES0568	45	41	45	43	45	44	47	< 20	< 20
RES0569	45	40	44	42	44	43	46	< 20	< 20
RES0570	45	40	45	42	44	43	46	< 20	< 20
RES0571	45	40	45	42	44	43	46	< 20	< 20
RES0572	45	42	47	45	46	45	47	< 20	< 20
RES0573	45	40	45	42	44	44	47	< 20	< 20
RES0574	45	40	45	42	44	44	47	< 20	< 20
RES0575	45	58	61	55	61	59	58	< 20	< 20
RES0576	45	41	45	43	44	44	47	< 20	< 20
RES0577	45	40	44	42	43	43	46	< 20	< 20
RES0578	45	41	46	43	45	44	47	< 20	< 20
RES0579	45	53	57	55	57	55	50	< 20	< 20
RES0580	45	41	45	43	45	44	47	< 20	< 20
RES0581	45	41	46	43	45	44	47	< 20	< 20
RES0582	45	40	44	42	44	43	46	< 20	< 20
RES0583	45	40	45	42	44	43	46	< 20	< 20
RES0584	45	42	46	44	45	45	47	< 20	< 20
RES0585	45	40	45	42	44	43	46	< 20	< 20
RES0586	45	42	46	44	46	45	48	< 20	< 20
RES0587	45	42	47	45	46	45	48	< 20	< 20
RES0588	45	41	46	44	45	45	47	< 20	< 20
RES0589	45	40	44	42	44	43	46	< 20	< 20
RES0590	45	40	45	42	44	43	46	< 20	< 20
RES0591	45	40	45	42	44	44	47	< 20	< 20
RES0592	45	43	47	45	47	45	48	< 20	< 20
RES0593	45	40	44	42	44	43	46	< 20	< 20
RES0594	45	40	44	42	43	43	46	< 20	< 20
RES0595	45	42	47	44	46	45	48	< 20	< 20
RES0596	45	41	45	43	45	44	47	< 20	< 20
RES0597	45	41	45	42	44	44	47	< 20	< 20
RES0598	45	43	47	45	46	45	48	< 20	< 20
RES0599	45	43	47	45	47	45	48	< 20	< 20
RES0600	45	41	46	43	45	44	47	< 20	< 20
RES0601	45	41	46	43	45	44	47	< 20	< 20
RES0602	45	41	46	43	45	44	47	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0603	45	40	44	42	43	43	46	< 20	< 20
RES0604	45	40	45	42	44	43	46	< 20	< 20
RES0605	45	40	45	42	44	44	47	< 20	< 20
RES0606	45	41	46	43	45	45	47	< 20	< 20
RES0607	45	41	46	43	45	45	47	< 20	< 20
RES0608	45	41	45	43	44	44	47	< 20	< 20
RES0609	45	41	46	43	45	44	47	< 20	< 20
RES0610	45	41	46	43	45	45	47	< 20	< 20
RES0611	45	42	46	44	45	45	48	< 20	< 20
RES0612	45	42	46	44	46	45	48	< 20	< 20
RES0613	45	40	44	42	44	43	46	< 20	< 20
RES0614	45	42	47	44	46	45	48	< 20	< 20
RES0615	45	41	45	43	44	44	47	< 20	< 20
RES0616	45	39	44	42	43	43	46	< 20	< 20
RES0617	45	41	45	43	45	44	47	< 20	< 20
RES0618	45	52	56	49	56	55	42	< 20	< 20
RES0619	45	40	45	42	44	44	47	< 20	< 20
RES0620	45	42	46	44	46	45	48	< 20	< 20
RES0621	45	40	44	42	44	43	46	< 20	< 20
RES0622	45	41	46	43	45	45	47	< 20	< 20
RES0623	45	41	46	43	45	44	47	< 20	< 20
RES0624	45	42	47	44	46	45	48	< 20	< 20
RES0625	45	41	45	43	45	44	47	< 20	< 20
RES0626	45	42	47	44	46	45	48	< 20	< 20
RES0627	45	40	44	42	43	43	46	< 20	< 20
RES0628	45	42	46	43	45	45	48	< 20	< 20
RES0629	45	40	45	42	44	43	46	< 20	< 20
RES0630	45	41	45	43	44	44	47	< 20	< 20
RES0631	45	42	46	44	46	45	48	< 20	< 20
RES0632	45	40	45	42	44	43	46	< 20	< 20
RES0633	45	41	45	43	45	44	47	< 20	< 20
RES0634	45	41	46	43	45	45	47	< 20	< 20
RES0635	45	40	44	42	43	43	46	< 20	< 20
RES0636	45	41	46	43	45	44	47	< 20	< 20
RES0637	45	42	46	43	45	45	48	< 20	< 20
RES0638	45	42	47	44	46	45	48	< 20	< 20
RES0639	45	42	47	44	46	45	48	< 20	< 20
RES0640	45	40	45	42	44	43	46	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0641	45	41	46	43	45	45	47	< 20	< 20
RES0642	45	42	46	44	46	45	48	< 20	< 20
RES0643	45	41	45	43	45	44	47	< 20	< 20
RES0644	45	40	44	42	44	43	46	< 20	< 20
RES0645	45	41	46	43	45	44	47	< 20	< 20
RES0646	45	42	46	43	45	45	48	< 20	< 20
RES0647	45	40	45	42	44	44	47	< 20	< 20
RES0648	45	41	46	43	45	44	47	< 20	< 20
RES0649	45	40	45	42	44	43	46	< 20	< 20
RES0650	45	42	47	44	46	45	48	< 20	< 20
RES0651	45	53	56	47	56	55	41	< 20	< 20
RES0652	45	43	47	45	46	46	48	< 20	< 20
RES0653	45	39	44	42	43	43	46	< 20	< 20
RES0654	45	42	46	43	45	45	48	< 20	< 20
RES0655	45	40	44	42	44	43	46	< 20	< 20
RES0656	45	42	47	44	46	46	48	< 20	< 20
RES0657	45	40	44	42	43	43	46	< 20	< 20
RES0658	45	42	46	44	46	45	48	< 20	< 20
RES0659	45	42	47	44	46	45	48	< 20	< 20
RES0660	45	57	59	55	60	58	46	< 20	< 20
RES0661	45	40	45	42	44	43	46	< 20	< 20
RES0662	45	41	46	43	45	44	47	< 20	< 20
RES0663	45	42	47	44	46	45	48	< 20	< 20
RES0664	45	41	46	43	45	45	47	< 20	< 20
RES0665	45	40	45	42	44	43	46	< 20	< 20
RES0666	45	43	47	45	47	46	49	< 20	< 20
RES0667	45	41	45	43	44	44	47	< 20	< 20
RES0668	45	42	47	44	46	46	48	< 20	< 20
RES0669	45	41	46	43	45	44	47	< 20	< 20
RES0670	45	43	47	44	46	46	48	< 20	< 20
RES0671	45	42	46	44	46	45	48	< 20	< 20
RES0672	45	41	46	43	45	45	47	< 20	< 20
RES0673	45	40	45	42	44	43	46	< 20	< 20
RES0674	45	42	47	44	46	45	48	< 20	< 20
RES0675	45	42	46	44	46	45	48	< 20	< 20
RES0676	45	40	44	42	43	43	46	< 20	< 20
RES0677	45	39	44	42	43	43	46	< 20	< 20
RES0678	45	42	47	44	46	46	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0679	45	42	47	44	46	45	48	< 20	< 20
RES0680	45	40	45	42	44	44	47	< 20	< 20
RES0681	45	43	47	44	46	46	49	< 20	< 20
RES0682	45	40	44	42	44	43	46	< 20	< 20
RES0683	45	42	46	43	45	45	48	< 20	< 20
RES0684	45	40	45	42	44	43	46	< 20	< 20
RES0685	45	43	47	45	47	46	49	< 20	< 20
RES0686	45	41	45	43	45	44	47	< 20	< 20
RES0687	45	41	45	43	44	44	47	< 20	< 20
RES0688	45	40	45	42	44	43	46	< 20	< 20
RES0689	45	40	45	42	44	43	46	< 20	< 20
RES0690	45	43	48	45	47	46	49	< 20	< 20
RES0691	45	40	45	42	44	44	46	< 20	< 20
RES0692	45	40	45	42	44	44	46	< 20	< 20
RES0693	45	43	48	45	47	46	49	< 20	< 20
RES0694	45	43	47	45	47	46	49	< 20	< 20
RES0695	45	43	48	45	47	46	49	< 20	< 20
RES0696	45	43	47	45	47	46	49	< 20	< 20
RES0697	45	41	46	43	45	44	47	< 20	< 20
RES0698	45	44	48	46	48	47	49	< 20	< 20
RES0699	45	41	45	43	44	44	47	< 20	< 20
RES0700	45	60	62	54	63	62	44	< 20	< 20
RES0701	45	42	46	43	45	45	48	< 20	< 20
RES0702	45	42	46	44	46	45	48	< 20	< 20
RES0703	45	42	47	44	46	45	48	< 20	< 20
RES0704	45	43	47	44	46	46	48	< 20	< 20
RES0705	45	42	47	44	46	46	48	< 20	< 20
RES0706	45	44	48	45	47	47	49	< 20	< 20
RES0707	45	44	48	46	48	47	49	< 20	< 20
RES0708	45	43	48	45	47	46	49	< 20	< 20
RES0709	45	43	48	45	47	46	49	< 20	< 20
RES0710	45	43	48	45	47	46	49	< 20	< 20
RES0711	45	43	48	45	47	47	49	< 20	< 20
RES0712	45	57	60	49	60	53	38	< 20	< 20
RES0713	45	44	48	45	47	47	49	< 20	< 20
RES0714	45	43	47	45	47	46	49	< 20	< 20
RES0715	45	44	48	46	48	47	50	< 20	< 20
RES0716	45	44	48	45	47	47	49	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0717	45	44	48	46	48	47	49	< 20	< 20
RES0718	45	42	47	44	46	46	48	< 20	< 20
RES0719	45	41	45	43	45	44	47	< 20	< 20
RES0720	45	48	52	51	52	48	50	< 20	< 20
RES0721	45	41	46	43	45	44	47	< 20	< 20
RES0722	45	43	47	45	47	46	49	< 20	< 20
RES0723	45	40	45	43	44	43	46	< 20	< 20
RES0724	45	44	49	46	48	47	50	< 20	< 20
RES0725	45	41	46	43	45	45	47	< 20	< 20
RES0726	45	60	62	53	63	62	44	< 20	< 20
RES0727	45	43	47	44	46	46	48	< 20	< 20
RES0728	45	43	47	44	46	46	48	< 20	< 20
RES0729	45	43	47	44	46	46	49	< 20	< 20
RES0730	45	43	47	45	47	46	49	< 20	< 20
RES0731	45	41	46	43	45	44	47	< 20	< 20
RES0732	45	43	47	45	47	46	49	< 20	< 20
RES0733	45	43	47	45	47	46	49	< 20	< 20
RES0734	45	43	47	45	47	46	49	< 20	< 20
RES0735	45	43	47	45	47	46	49	< 20	< 20
RES0736	45	40	45	43	44	43	46	< 20	< 20
RES0737	45	43	47	45	47	46	49	< 20	< 20
RES0738	45	43	47	45	47	46	49	< 20	< 20
RES0739	45	43	47	45	47	46	49	< 20	< 20
RES0740	45	43	48	45	47	46	49	< 20	< 20
RES0741	45	44	48	46	48	47	50	< 20	< 20
RES0742	45	48	51	50	51	48	50	< 20	< 20
RES0743	45	41	46	43	45	44	47	< 20	< 20
RES0744	45	45	49	46	48	47	50	< 20	< 20
RES0745	45	45	49	47	49	48	50	< 20	< 20
RES0746	45	44	48	45	47	47	49	< 20	< 20
RES0747	45	44	48	45	47	47	49	< 20	< 20
RES0748	45	44	48	45	47	47	49	< 20	< 20
RES0749	45	42	46	44	45	45	48	< 20	< 20
RES0750	45	44	49	46	48	47	50	< 20	< 20
RES0751	45	44	48	46	48	47	50	< 20	< 20
RES0752	45	59	61	50	62	54	38	< 20	< 20
RES0753	45	43	47	45	47	46	49	< 20	< 20
RES0754	45	41	46	43	45	44	47	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0755	45	45	49	46	48	48	50	< 20	< 20
RES0756	45	44	48	46	48	47	50	< 20	< 20
RES0757	45	44	49	46	48	47	50	< 20	< 20
RES0758	45	42	46	44	46	45	48	< 20	< 20
RES0759	45	45	49	46	48	48	50	< 20	< 20
RES0760	45	41	46	44	45	45	47	< 20	< 20
RES0761	45	45	49	46	49	48	50	< 20	< 20
RES0762	45	44	48	45	47	47	49	< 20	< 20
RES0763	45	42	46	44	46	45	48	< 20	< 20
RES0764	45	44	48	46	48	47	50	< 20	< 20
RES0765	45	44	48	46	48	47	50	< 20	< 20
RES0766	45	58	60	45	61	56	37	< 20	< 20
RES0767	45	45	49	47	49	48	50	< 20	< 20
RES0768	45	41	46	44	45	45	47	< 20	< 20
RES0769	45	39	44	42	43	42	45	< 20	< 20
RES0770	45	42	46	44	45	45	47	< 20	< 20
RES0771	45	58	61	47	61	54	37	< 20	< 20
RES0772	45	46	50	48	50	48	51	< 20	< 20
RES0773	45	44	49	46	48	47	50	< 20	< 20
RES0774	45	44	49	46	48	47	50	< 20	< 20
RES0775	45	46	50	48	50	48	51	< 20	< 20
RES0776	45	42	46	44	46	45	48	< 20	< 20
RES0777	45	41	46	44	45	44	47	< 20	< 20
RES0778	45	45	49	46	48	47	50	< 20	< 20
RES0779	45	45	49	46	48	48	50	< 20	< 20
RES0780	45	46	50	47	49	48	51	< 20	< 20
RES0781	45	41	46	44	45	44	47	< 20	< 20
RES0782	45	41	46	44	45	45	47	< 20	< 20
RES0783	45	42	46	44	45	45	48	< 20	< 20
RES0784	45	45	49	46	48	48	50	< 20	< 20
RES0785	45	42	46	44	45	45	47	< 20	< 20
RES0786	45	45	49	47	49	48	51	< 20	< 20
RES0787	45	42	46	44	45	45	48	< 20	< 20
RES0788	45	45	49	46	49	48	50	< 20	< 20
RES0789	45	42	46	44	45	45	48	< 20	< 20
RES0790	45	42	46	44	45	45	48	< 20	< 20
RES0791	45	46	50	47	49	48	51	< 20	< 20
RES0792	45	42	46	44	46	45	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0793	45	41	45	43	44	43	46	< 20	< 20
RES0794	45	40	45	43	44	43	46	< 20	< 20
RES0795	45	42	47	44	46	45	48	< 20	< 20
RES0796	45	46	50	47	49	48	51	< 20	< 20
RES0797	45	46	50	47	49	48	51	< 20	< 20
RES0798	45	42	46	44	46	45	48	< 20	< 20
RES0799	45	41	45	43	45	44	47	< 20	< 20
RES0800	45	46	50	47	49	48	51	< 20	< 20
RES0801	45	41	46	43	45	44	47	< 20	< 20
RES0802	45	41	46	44	45	44	47	< 20	< 20
RES0803	45	42	47	44	46	45	48	< 20	< 20
RES0804	45	42	47	44	46	45	48	< 20	< 20
RES0805	45	45	49	47	49	48	51	< 20	< 20
RES0806	45	43	47	44	46	46	48	< 20	< 20
RES0807	45	39	44	42	43	42	45	< 20	< 20
RES0808	45	46	50	47	49	48	51	< 20	< 20
RES0809	45	44	48	46	48	47	50	< 20	< 20
RES0810	45	40	44	42	43	43	45	< 20	< 20
RES0811	45	42	46	44	45	45	48	< 20	< 20
RES0812	45	40	45	43	44	43	45	< 20	< 20
RES0813	45	42	47	44	46	45	48	< 20	< 20
RES0814	45	42	46	44	46	45	48	< 20	< 20
RES0815	45	46	51	48	50	49	51	< 20	< 20
RES0816	45	40	45	43	44	43	46	< 20	< 20
RES0817	45	40	45	43	44	43	46	< 20	< 20
RES0818	45	40	45	43	44	43	46	< 20	< 20
RES0819	45	45	50	47	49	48	51	< 20	< 20
RES0820	45	42	47	44	46	45	48	< 20	< 20
RES0821	45	40	45	43	44	43	46	< 20	< 20
RES0822	45	46	50	48	50	49	51	< 20	< 20
RES0823	45	41	45	43	44	43	46	< 20	< 20
RES0824	45	45	50	47	49	48	51	< 20	< 20
RES0825	45	46	50	48	50	49	51	< 20	< 20
RES0826	45	45	49	47	49	48	51	< 20	< 20
RES0827	45	41	45	43	45	44	46	< 20	< 20
RES0828	45	44	49	46	48	47	50	< 20	< 20
RES0829	45	41	45	44	45	44	47	< 20	< 20
RES0830	45	41	45	43	44	43	46	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0831	45	46	50	48	50	49	51	< 20	< 20
RES0832	45	43	47	45	46	46	48	< 20	< 20
RES0833	45	46	50	47	50	49	51	< 20	< 20
RES0834	45	45	50	47	49	48	51	< 20	< 20
RES0835	45	40	45	43	44	43	46	< 20	< 20
RES0836	45	45	49	47	49	48	51	< 20	< 20
RES0837	45	47	51	48	50	49	51	< 20	< 20
RES0838	45	41	46	44	45	44	47	< 20	< 20
RES0839	45	46	50	47	50	49	51	< 20	< 20
RES0840	45	52	55	54	55	49	51	< 20	< 20
RES0841	45	45	49	47	49	48	51	< 20	< 20
RES0842	45	46	50	47	50	49	51	< 20	< 20
RES0843	45	43	47	45	46	46	48	< 20	< 20
RES0844	45	45	49	47	49	48	51	< 20	< 20
RES0845	45	42	46	44	45	44	47	< 20	< 20
RES0846	45	40	45	43	44	43	46	< 20	< 20
RES0847	45	46	50	47	50	49	51	< 20	< 20
RES0848	45	47	51	48	51	49	52	< 20	< 20
RES0849	45	41	46	44	45	44	47	< 20	< 20
RES0850	45	45	49	46	48	47	50	< 20	< 20
RES0851	45	45	49	47	49	48	51	< 20	< 20
RES0852	45	42	46	44	46	45	47	< 20	< 20
RES0853	45	46	50	47	50	49	51	< 20	< 20
RES0854	45	45	49	47	49	48	50	< 20	< 20
RES0855	45	42	46	44	46	45	48	< 20	< 20
RES0856	45	52	55	54	55	50	52	< 20	< 20
RES0857	45	43	47	45	46	46	49	< 20	< 20
RES0858	45	46	50	47	50	49	51	< 20	< 20
RES0859	45	45	49	47	49	48	50	< 20	< 20
RES0860	45	41	46	44	45	44	47	< 20	< 20
RES0861	45	45	49	47	49	48	50	< 20	< 20
RES0862	45	41	46	44	45	44	46	< 20	< 20
RES0863	45	40	45	43	44	43	46	< 20	< 20
RES0864	45	46	50	47	50	49	51	< 20	< 20
RES0865	45	41	45	43	44	43	46	< 20	< 20
RES0866	45	41	45	44	45	43	46	< 20	< 20
RES0867	45	40	44	43	44	43	45	< 20	< 20
RES0868	45	46	50	47	50	49	51	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0869	45	41	45	44	45	44	46	< 20	< 20
RES0870	45	40	45	43	44	43	45	< 20	< 20
RES0871	45	45	49	47	49	48	50	< 20	< 20
RES0872	45	42	46	44	46	44	47	< 20	< 20
RES0873	45	41	45	44	45	44	46	< 20	< 20
RES0874	45	40	45	43	44	43	45	< 20	< 20
RES0875	45	41	46	44	45	44	47	< 20	< 20
RES0876	45	41	46	44	45	44	47	< 20	< 20
RES0877	45	47	51	48	51	50	52	< 20	< 20
RES0878	45	41	46	44	45	44	47	< 20	< 20
RES0879	45	45	49	47	49	48	50	< 20	< 20
RES0880	45	40	45	43	44	43	45	< 20	< 20
RES0881	45	46	50	47	50	49	51	< 20	< 20
RES0882	45	40	45	43	44	43	45	< 20	< 20
RES0883	45	47	51	48	50	49	52	< 20	< 20
RES0884	45	40	45	43	44	43	46	< 20	< 20
RES0885	45	46	50	47	50	49	51	< 20	< 20
RES0886	45	41	45	43	44	43	46	< 20	< 20
RES0887	45	42	46	44	45	44	47	< 20	< 20
RES0888	45	47	51	48	51	50	52	< 20	< 20
RES0889	45	46	50	47	49	49	51	< 20	< 20
RES0890	45	62	64	44	64	63	39	< 20	< 20
RES0891	45	42	47	45	46	45	48	< 20	< 20
RES0892	45	47	51	48	51	50	52	< 20	< 20
RES0893	45	41	46	44	45	44	46	< 20	< 20
RES0894	45	46	50	47	49	49	51	< 20	< 20
RES0895	45	47	51	48	50	49	52	< 20	< 20
RES0896	45	40	44	43	44	43	45	< 20	< 20
RES0897	45	41	46	44	45	44	47	< 20	< 20
RES0898	45	41	46	44	45	44	46	< 20	< 20
RES0899	45	47	51	48	50	50	52	< 20	< 20
RES0900	45	46	50	47	49	48	51	< 20	< 20
RES0901	45	41	46	44	45	44	47	< 20	< 20
RES0902	45	40	45	43	44	43	45	< 20	< 20
RES0903	45	41	46	44	45	44	47	< 20	< 20
RES0904	45	40	45	43	44	43	45	< 20	< 20
RES0905	45	41	46	44	45	44	47	< 20	< 20
RES0906	45	46	50	47	49	48	51	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0907	45	42	46	45	46	44	47	< 20	< 20
RES0908	45	47	51	48	51	50	52	< 20	< 20
RES0909	45	40	45	43	44	43	45	< 20	< 20
RES0910	45	42	47	45	46	45	48	< 20	< 20
RES0911	45	48	52	49	51	50	52	< 20	< 20
RES0912	45	46	50	47	49	48	51	< 20	< 20
RES0913	45	41	46	44	45	44	46	< 20	< 20
RES0914	45	41	45	43	44	44	46	< 20	< 20
RES0915	45	47	51	48	50	49	52	< 20	< 20
RES0916	45	41	45	44	44	44	46	< 20	< 20
RES0917	45	46	50	47	49	48	51	< 20	< 20
RES0918	45	40	45	43	44	44	46	< 20	< 20
RES0919	45	47	51	48	51	50	52	< 20	< 20
RES0920	45	41	46	44	45	44	46	< 20	< 20
RES0921	45	64	66	51	67	65	43	< 20	< 20
RES0922	45	57	60	59	60	54	51	< 20	< 20
RES0923	45	42	47	45	46	45	48	< 20	< 20
RES0924	45	45	49	47	49	48	51	< 20	< 20
RES0925	45	47	51	49	51	50	52	< 20	< 20
RES0926	45	47	51	48	50	49	52	< 20	< 20
RES0927	45	59	61	60	62	55	51	< 20	< 20
RES0928	45	56	59	58	59	53	52	< 20	< 20
RES0929	45	45	49	47	49	48	51	< 20	< 20
RES0930	45	47	51	48	51	50	52	< 20	< 20
RES0931	45	47	51	49	51	50	52	< 20	< 20
RES0932	45	46	50	47	49	48	51	< 20	< 20
RES0933	45	42	47	45	46	45	48	< 20	< 20
RES0934	45	45	49	47	49	48	51	< 20	< 20
RES0935	45	46	50	48	50	49	51	< 20	< 20
RES0936	45	41	46	44	45	44	46	< 20	< 20
RES0937	45	41	46	44	45	44	47	< 20	< 20
RES0938	45	45	49	47	49	48	50	< 20	< 20
RES0939	45	41	46	44	45	44	47	< 20	< 20
RES0940	45	42	46	44	45	44	47	< 20	< 20
RES0941	45	42	46	44	45	44	47	< 20	< 20
RES0942	45	56	59	58	59	52	52	< 20	< 20
RES0943	45	41	46	44	45	44	46	< 20	< 20
RES0944	45	42	46	45	46	45	47	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0945	45	46	50	47	50	49	51	< 20	< 20
RES0946	45	46	50	47	49	48	51	< 20	< 20
RES0947	45	48	52	49	51	51	53	< 20	< 20
RES0948	45	45	49	47	49	48	50	< 20	< 20
RES0949	45	45	49	47	49	48	50	< 20	< 20
RES0950	45	47	51	48	50	49	52	< 20	< 20
RES0951	45	45	49	47	49	48	50	< 20	< 20
RES0952	45	47	51	48	51	50	52	< 20	< 20
RES0953	45	42	47	45	46	45	47	< 20	< 20
RES0954	45	46	50	48	50	49	51	< 20	< 20
RES0955	45	42	47	45	46	45	47	< 20	< 20
RES0956	45	55	58	57	59	51	52	< 20	< 20
RES0957	45	42	47	45	46	45	48	< 20	< 20
RES0958	45	45	49	46	48	47	50	< 20	< 20
RES0959	45	43	47	45	46	45	48	< 20	< 20
RES0960	45	55	58	57	58	51	53	< 20	< 20
RES0961	45	46	50	48	50	49	51	< 20	< 20
RES0962	45	43	47	45	47	45	48	< 20	< 20
RES0963	45	46	50	47	50	49	51	< 20	< 20
RES0964	45	43	48	46	47	46	48	< 20	< 20
RES0965	45	43	47	45	47	45	48	< 20	< 20
RES0966	45	44	49	46	48	47	50	< 20	< 20
RES0967	45	43	48	46	47	46	48	< 20	< 20
RES0968	45	45	49	47	49	48	50	< 20	< 20
RES0969	45	46	50	48	50	49	51	< 20	< 20
RES0970	45	44	49	46	48	47	50	< 20	< 20
RES0971	45	45	50	47	49	48	51	< 20	< 20
RES0972	45	44	49	46	48	47	50	< 20	< 20
RES0973	45	45	49	47	48	47	50	< 20	< 20
RES0974	45	72	74	69	75	58	46	< 20	< 20
RES0975	45	42	46	45	46	45	47	< 20	< 20
RES0976	45	45	49	47	49	48	50	< 20	< 20
RES0977	45	42	47	45	46	45	47	< 20	< 20
RES0978	45	42	47	45	46	45	47	< 20	< 20
RES0979	45	44	49	46	48	47	50	< 20	< 20
RES0980	45	42	47	45	46	45	47	< 20	< 20
RES0981	45	42	46	45	46	45	47	< 20	< 20
RES0982	45	42	47	45	46	45	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES0983	45	43	47	45	46	45	48	< 20	< 20
RES0984	45	45	49	47	49	48	51	< 20	< 20
RES0985	45	45	49	47	48	47	50	< 20	< 20
RES0986	45	42	46	45	46	45	47	< 20	< 20
RES0987	45	44	49	46	48	47	49	< 20	< 20
RES0988	45	48	52	49	52	51	53	< 20	< 20
RES0989	45	43	47	46	47	46	48	< 20	< 20
RES0990	45	72	73	56	74	57	60	< 20	< 20
RES0991	45	43	48	46	47	46	48	< 20	< 20
RES0992	45	43	48	46	47	46	48	< 20	< 20
RES0993	45	45	49	47	49	48	50	< 20	< 20
RES0994	45	43	48	46	47	46	48	< 20	< 20
RES0995	45	42	46	45	45	45	47	< 20	< 20
RES0996	45	44	48	46	47	46	49	< 20	< 20
RES0997	45	44	48	46	47	46	49	< 20	< 20
RES0998	45	43	47	46	47	45	48	< 20	< 20
RES0999	45	44	48	46	48	46	49	< 20	< 20
RES1000	45	44	48	46	48	46	49	< 20	< 20
RES1001	45	44	49	47	48	47	50	< 20	< 20
RES1002	45	44	48	46	48	46	49	< 20	< 20
RES1003	45	42	47	45	46	45	47	< 20	< 20
RES1004	45	42	47	45	46	45	47	< 20	< 20
RES1005	45	42	47	45	46	45	47	< 20	< 20
RES1006	45	43	47	45	46	45	48	< 20	< 20
RES1007	45	42	47	45	46	45	47	< 20	< 20
RES1008	45	47	51	48	51	50	52	< 20	< 20
RES1009	45	44	49	47	48	47	49	< 20	< 20
RES1010	45	41	46	44	45	44	46	< 20	< 20
RES1011	45	43	47	46	47	46	48	< 20	< 20
RES1012	45	43	48	46	47	46	48	< 20	< 20
RES1013	45	54	57	55	57	53	55	< 20	< 20
RES1014	45	45	49	47	48	47	50	< 20	< 20
RES1015	45	44	49	47	48	47	49	< 20	< 20
RES1016	45	44	48	46	47	46	49	< 20	< 20
RES1017	45	46	50	48	49	48	51	< 20	< 20
RES1018	45	44	48	46	48	46	49	< 20	< 20
RES1019	45	47	51	48	51	50	52	< 20	< 20
RES1020	45	44	48	47	48	46	49	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1021	45	42	47	45	46	45	47	< 20	< 20
RES1022	45	43	48	46	47	46	48	< 20	< 20
RES1023	45	44	49	47	48	47	49	< 20	< 20
RES1024	45	44	48	46	47	46	48	< 20	< 20
RES1025	45	52	56	53	56	53	55	< 20	< 20
RES1026	45	43	47	46	47	45	47	< 20	< 20
RES1027	45	45	49	47	48	47	49	< 20	< 20
RES1028	45	43	47	46	47	46	48	< 20	< 20
RES1029	45	52	56	52	55	53	55	< 20	< 20
RES1030	45	43	48	46	47	46	48	< 20	< 20
RES1031	45	40	44	42	43	43	45	< 20	< 20
RES1032	45	43	47	45	46	45	47	< 20	< 20
RES1033	45	44	48	46	47	46	48	< 20	< 20
RES1034	45	52	55	52	55	53	55	< 20	< 20
RES1035	45	43	47	46	47	46	47	< 20	< 20
RES1036	45	43	48	46	47	46	48	< 20	< 20
RES1037	45	44	48	47	48	46	49	< 20	< 20
RES1038	45	43	48	46	47	46	48	< 20	< 20
RES1039	45	58	60	59	61	52	54	< 20	< 20
RES1040	45	45	49	47	49	47	50	< 20	< 20
RES1041	45	44	49	47	48	47	49	< 20	< 20
RES1042	45	52	55	52	55	54	55	< 20	< 20
RES1043	45	78	80	71	81	79	68	< 20	< 20
RES1044	45	44	49	47	48	47	49	< 20	< 20
RES1045	45	40	45	43	44	43	46	< 20	< 20
RES1046	45	44	48	47	48	47	49	< 20	< 20
RES1047	45	40	45	42	44	43	46	< 20	< 20
RES1048	45	45	49	47	48	47	49	< 20	< 20
RES1049	45	40	44	42	44	43	45	< 20	< 20
RES1050	45	44	48	47	48	46	49	< 20	< 20
RES1051	45	40	44	41	44	41	42	< 20	< 20
RES1052	45	45	49	46	49	48	50	< 20	< 20
RES1053	45	52	55	52	55	54	55	< 20	< 20
RES1054	45	45	49	47	49	47	50	< 20	< 20
RES1055	45	53	56	53	56	54	56	< 20	< 20
RES1056	45	51	54	51	54	53	55	< 20	< 20
RES1057	45	42	47	45	46	45	47	< 20	< 20
RES1058	45	43	47	46	47	46	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1059	45	43	47	46	47	46	48	< 20	< 20
RES1060	45	43	47	46	47	46	48	< 20	< 20
RES1061	45	43	48	46	47	46	48	< 20	< 20
RES1062	45	43	48	46	47	46	48	< 20	< 20
RES1063	45	47	51	49	51	50	52	< 20	< 20
RES1064	45	44	48	46	47	46	48	< 20	< 20
RES1065	45	44	48	47	48	46	49	< 20	< 20
RES1066	45	50	54	51	54	53	55	< 20	< 20
RES1067	45	44	48	46	47	46	48	< 20	< 20
RES1068	45	51	55	52	55	54	55	< 20	< 20
RES1069	45	44	48	47	48	46	48	< 20	< 20
RES1070	45	44	49	47	48	47	49	< 20	< 20
RES1071	45	50	54	51	54	53	55	< 20	< 20
RES1072	45	53	56	53	56	54	56	< 20	< 20
RES1073	45	45	49	47	48	47	49	< 20	< 20
RES1074	45	45	49	47	48	47	49	< 20	< 20
RES1075	45	51	55	52	55	54	55	< 20	< 20
RES1076	45	54	57	53	57	55	56	< 20	< 20
RES1077	45	51	55	52	55	54	55	< 20	< 20
RES1078	45	45	49	47	48	47	49	< 20	< 20
RES1079	45	45	49	48	49	47	50	< 20	< 20
RES1080	45	51	55	52	55	54	55	< 20	< 20
RES1081	45	51	55	52	55	53	55	< 20	< 20
RES1082	45	48	52	50	52	51	53	< 20	< 20
RES1083	45	51	55	52	55	53	55	< 20	< 20
RES1084	45	51	55	52	54	53	55	< 20	< 20
RES1085	45	51	54	52	54	53	55	< 20	< 20
RES1086	45	51	55	52	55	53	55	< 20	< 20
RES1087	45	54	57	53	57	55	57	< 20	< 20
RES1088	45	54	57	53	57	55	57	< 20	< 20
RES1089	45	52	56	53	56	55	56	< 20	< 20
RES1090	45	44	48	46	47	46	48	< 20	< 20
RES1091	45	51	54	52	54	53	55	< 20	< 20
RES1092	45	44	48	47	48	47	48	< 20	< 20
RES1093	45	51	54	52	54	53	55	< 20	< 20
RES1094	45	44	48	47	48	47	48	< 20	< 20
RES1095	45	47	51	49	50	49	51	< 20	< 20
RES1096	45	44	49	47	48	47	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1097	45	51	54	52	54	53	55	< 20	< 20
RES1098	45	51	54	52	54	53	55	< 20	< 20
RES1099	45	55	58	53	58	55	57	< 20	< 20
RES1100	45	45	49	48	49	47	49	< 20	< 20
RES1101	45	51	54	51	54	53	55	< 20	< 20
RES1102	45	45	49	47	48	47	49	< 20	< 20
RES1103	45	45	49	48	49	47	49	< 20	< 20
RES1104	45	54	57	54	57	56	57	< 20	< 20
RES1105	45	51	54	51	54	53	55	< 20	< 20
RES1106	45	45	49	48	49	47	49	< 20	< 20
RES1107	45	45	49	48	49	47	49	< 20	< 20
RES1108	45	48	52	49	51	49	52	< 20	< 20
RES1109	45	53	56	53	56	55	57	< 20	< 20
RES1110	45	45	50	48	49	48	50	< 20	< 20
RES1111	45	46	50	48	49	48	50	< 20	< 20
RES1112	45	50	54	51	54	53	55	< 20	< 20
RES1113	45	52	55	53	55	54	56	< 20	< 20
RES1114	45	46	50	48	49	48	50	< 20	< 20
RES1115	45	50	54	51	54	52	54	< 20	< 20
RES1116	45	-*	-*	71	-*	58	46	< 20	< 20
RES1117	45	52	55	52	55	54	56	< 20	< 20
RES1118	45	55	58	54	58	56	57	< 20	< 20
RES1119	45	48	52	49	51	49	52	< 20	< 20
RES1120	45	50	54	51	54	52	54	< 20	< 20
RES1121	45	52	55	52	55	54	56	< 20	< 20
RES1122	45	48	52	49	51	49	52	< 20	< 20
RES1123	45	53	56	53	56	55	56	< 20	< 20
RES1124	45	54	57	54	57	56	57	< 20	< 20
RES1125	45	45	49	47	48	47	49	< 20	< 20
RES1126	45	53	57	54	57	55	57	< 20	< 20
RES1127	45	52	55	52	55	54	56	< 20	< 20
RES1128	45	44	49	47	48	47	49	< 20	< 20
RES1129	45	51	55	52	55	53	55	< 20	< 20
RES1130	45	55	58	54	58	56	58	< 20	< 20
RES1131	45	43	48	46	47	46	48	< 20	< 20
RES1132	45	44	49	47	48	47	49	< 20	< 20
RES1133	45	52	55	52	55	54	56	< 20	< 20
RES1134	45	44	49	47	48	47	49	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1135	45	51	54	52	54	53	55	< 20	< 20
RES1136	45	45	49	47	48	47	49	< 20	< 20
RES1137	45	53	56	53	56	55	56	< 20	< 20
RES1138	45	48	52	50	51	49	52	< 20	< 20
RES1139	45	53	56	54	56	55	57	< 20	< 20
RES1140	45	55	58	54	58	56	58	< 20	< 20
RES1141	45	48	51	50	51	49	52	< 20	< 20
RES1142	45	46	50	48	49	48	49	< 20	< 20
RES1143	45	45	50	48	49	48	49	< 20	< 20
RES1144	45	51	55	52	54	53	55	< 20	< 20
RES1145	45	46	50	48	49	48	50	< 20	< 20
RES1146	45	45	50	48	49	48	49	< 20	< 20
RES1147	45	47	51	50	51	49	51	< 20	< 20
RES1148	45	46	50	48	49	48	50	< 20	< 20
RES1149	45	53	56	53	56	55	56	< 20	< 20
RES1150	45	52	55	52	55	54	56	< 20	< 20
RES1151	45	53	56	53	56	55	56	< 20	< 20
RES1152	45	49	53	50	53	51	54	< 20	< 20
RES1153	45	46	50	49	50	48	50	< 20	< 20
RES1154	45	47	51	50	51	49	51	< 20	< 20
RES1155	45	46	50	49	50	48	50	< 20	< 20
RES1156	45	46	50	49	50	48	50	< 20	< 20
RES1157	45	53	56	53	56	54	56	< 20	< 20
RES1158	45	56	59	55	59	57	58	< 20	< 20
RES1159	45	44	48	46	47	46	48	< 20	< 20
RES1160	45	54	57	54	57	56	57	< 20	< 20
RES1161	45	49	53	51	53	51	54	< 20	< 20
RES1162	45	50	53	51	53	52	54	< 20	< 20
RES1163	45	51	55	52	55	53	55	< 20	< 20
RES1164	45	52	56	53	56	54	56	< 20	< 20
RES1165	45	41	46	44	45	43	45	< 20	< 20
RES1166	45	53	56	53	56	54	56	< 20	< 20
RES1167	45	52	55	53	55	54	56	< 20	< 20
RES1168	45	49	53	51	53	51	53	< 20	< 20
RES1169	45	44	48	46	47	47	49	< 20	< 20
RES1170	45	52	55	52	55	54	56	< 20	< 20
RES1171	45	49	53	51	53	51	53	< 20	< 20
RES1172	45	50	53	51	53	51	54	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1173	45	49	53	51	53	51	53	< 20	< 20
RES1174	45	52	56	53	56	54	56	< 20	< 20
RES1175	45	44	48	46	48	47	49	< 20	< 20
RES1176	45	54	57	54	57	56	58	< 20	< 20
RES1177	45	52	55	53	55	54	56	< 20	< 20
RES1178	45	46	50	48	49	48	50	< 20	< 20
RES1179	45	51	55	52	55	53	55	< 20	< 20
RES1180	45	84	85	48	86	75	42	< 20	< 20
RES1181	45	50	53	51	53	51	53	< 20	< 20
RES1182	45	55	58	55	58	57	58	< 20	< 20
RES1183	45	47	51	49	50	49	50	< 20	< 20
RES1184	45	47	51	49	50	49	50	< 20	< 20
RES1185	45	53	56	53	56	55	56	< 20	< 20
RES1186	45	50	54	51	54	52	54	< 20	< 20
RES1187	45	52	56	53	56	54	56	< 20	< 20
RES1188	45	50	54	51	54	52	54	< 20	< 20
RES1189	45	44	48	46	48	47	49	< 20	< 20
RES1190	45	47	51	50	51	49	51	< 20	< 20
RES1191	45	52	55	52	55	54	55	< 20	< 20
RES1192	45	49	53	51	53	51	53	< 20	< 20
RES1193	45	46	50	49	50	49	50	< 20	< 20
RES1194	45	50	54	51	53	51	53	< 20	< 20
RES1195	45	55	58	55	58	57	58	< 20	< 20
RES1196	45	52	55	53	55	54	56	< 20	< 20
RES1197	45	51	55	52	55	53	55	< 20	< 20
RES1198	45	49	53	51	53	51	53	< 20	< 20
RES1199	45	49	53	51	52	51	52	< 20	< 20
RES1200	45	44	48	46	48	47	49	< 20	< 20
RES1201	45	47	51	49	51	49	50	< 20	< 20
RES1202	45	53	56	53	56	55	56	< 20	< 20
RES1203	45	49	53	51	52	50	52	< 20	< 20
RES1204	45	50	54	52	54	52	54	< 20	< 20
RES1205	45	53	57	54	57	55	57	< 20	< 20
RES1206	45	50	54	51	54	52	54	< 20	< 20
RES1207	45	51	55	52	55	53	55	< 20	< 20
RES1208	45	47	51	49	50	49	50	< 20	< 20
RES1209	45	44	48	46	48	47	49	< 20	< 20
RES1210	45	51	55	52	55	53	55	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1211	45	52	56	53	55	54	56	< 20	< 20
RES1212	45	51	54	52	54	52	54	< 20	< 20
RES1213	45	52	55	52	55	54	55	< 20	< 20
RES1214	45	74	76	47	77	71	42	< 20	< 20
RES1215	45	50	53	51	53	51	53	< 20	< 20
RES1216	45	49	53	51	53	51	53	< 20	< 20
RES1217	45	51	55	52	54	52	55	< 20	< 20
RES1218	45	55	58	55	59	57	58	< 20	< 20
RES1219	45	54	57	54	57	56	57	< 20	< 20
RES1220	45	49	52	51	52	50	52	< 20	< 20
RES1221	45	44	49	47	48	47	49	< 20	< 20
RES1222	45	52	56	53	56	54	56	< 20	< 20
RES1223	45	51	54	52	54	52	54	< 20	< 20
RES1224	45	52	55	53	55	54	56	< 20	< 20
RES1225	45	56	59	56	59	58	59	< 20	< 20
RES1226	45	49	53	51	53	51	53	< 20	< 20
RES1227	45	52	55	52	55	53	55	< 20	< 20
RES1228	45	50	53	52	53	51	53	< 20	< 20
RES1229	45	49	52	51	52	50	52	< 20	< 20
RES1230	45	51	54	52	54	52	54	< 20	< 20
RES1231	45	54	58	55	58	56	58	< 20	< 20
RES1232	45	45	49	47	48	48	49	< 20	< 20
RES1233	45	52	56	53	56	54	56	< 20	< 20
RES1234	45	51	55	52	54	52	54	< 20	< 20
RES1235	45	50	54	52	53	51	53	< 20	< 20
RES1236	45	54	57	54	57	56	57	< 20	< 20
RES1237	45	50	53	52	53	51	53	< 20	< 20
RES1238	45	55	58	55	58	57	58	< 20	< 20
RES1239	45	49	52	51	52	50	52	< 20	< 20
RES1240	45	55	58	55	59	57	58	< 20	< 20
RES1241	45	51	54	52	54	52	54	< 20	< 20
RES1242	45	45	49	47	48	48	50	< 20	< 20
RES1243	45	51	55	53	55	53	54	< 20	< 20
RES1244	45	49	52	51	52	50	51	< 20	< 20
RES1245	45	50	53	52	53	51	53	< 20	< 20
RES1246	45	56	59	56	59	58	59	< 20	< 20
RES1247	45	52	56	53	56	54	56	< 20	< 20
RES1248	45	52	55	53	55	53	55	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1249	45	53	57	54	57	55	57	< 20	< 20
RES1250	45	52	56	53	56	53	55	< 20	< 20
RES1251	45	52	55	53	55	53	55	< 20	< 20
RES1252	45	50	54	52	54	52	53	< 20	< 20
RES1253	45	49	52	51	52	50	51	< 20	< 20
RES1254	45	51	55	53	54	52	54	< 20	< 20
RES1255	45	53	57	54	57	55	57	< 20	< 20
RES1256	45	45	49	47	49	48	50	< 20	< 20
RES1257	45	53	56	53	56	54	56	< 20	< 20
RES1258	45	57	60	57	60	59	60	< 20	< 20
RES1259	45	71	73	50	74	72	44	< 20	< 20
RES1260	45	50	53	52	53	51	53	< 20	< 20
RES1261	45	53	56	53	56	55	56	< 20	< 20
RES1262	45	53	56	54	56	55	56	< 20	< 20
RES1263	45	51	55	53	55	52	54	< 20	< 20
RES1264	45	49	52	51	52	50	51	< 20	< 20
RES1265	45	55	58	55	58	57	58	< 20	< 20
RES1266	45	50	54	52	54	52	53	< 20	< 20
RES1267	45	45	49	47	49	48	50	< 20	< 20
RES1268	45	49	53	51	52	50	51	< 20	< 20
RES1269	45	55	58	55	58	56	58	< 20	< 20
RES1270	45	49	53	51	52	50	52	< 20	< 20
RES1271	45	49	53	51	53	50	52	< 20	< 20
RES1272	45	50	54	52	54	52	53	< 20	< 20
RES1273	45	49	53	52	53	51	52	< 20	< 20
RES1274	45	52	55	53	55	53	55	< 20	< 20
RES1275	45	51	55	53	55	53	54	< 20	< 20
RES1276	45	45	49	47	49	48	50	< 20	< 20
RES1277	45	50	53	52	53	51	52	< 20	< 20
RES1278	45	52	56	53	56	53	55	< 20	< 20
RES1279	45	54	57	55	57	56	57	< 20	< 20
RES1280	45	50	53	52	53	51	52	< 20	< 20
RES1281	45	53	56	53	56	53	55	< 20	< 20
RES1282	45	50	54	52	53	51	53	< 20	< 20
RES1283	45	56	58	56	59	57	58	< 20	< 20
RES1284	45	52	55	53	55	53	55	< 20	< 20
RES1285	45	52	55	53	55	53	54	< 20	< 20
RES1286	45	54	57	54	57	55	57	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1287	45	50	54	52	54	52	53	< 20	< 20
RES1288	45	53	56	54	56	54	56	< 20	< 20
RES1289	45	51	54	53	54	52	53	< 20	< 20
RES1290	45	51	55	53	55	52	54	< 20	< 20
RES1291	45	51	55	53	54	52	54	< 20	< 20
RES1292	45	54	57	54	57	55	57	< 20	< 20
RES1293	45	54	57	54	57	54	56	< 20	< 20
RES1294	45	49	53	52	53	51	52	< 20	< 20
RES1295	45	56	59	56	59	57	59	< 20	< 20
RES1296	45	54	57	54	57	55	57	< 20	< 20
RES1297	45	52	55	53	55	53	54	< 20	< 20
RES1298	45	52	56	54	56	53	55	< 20	< 20
RES1299	45	49	53	52	53	51	51	< 20	< 20
RES1300	45	50	53	52	53	51	52	< 20	< 20
RES1301	45	49	53	51	53	51	51	< 20	< 20
RES1302	45	53	56	54	56	54	56	< 20	< 20
RES1303	45	50	54	52	53	51	52	< 20	< 20
RES1304	45	53	57	54	57	54	56	< 20	< 20
RES1305	45	53	57	54	57	54	56	< 20	< 20
RES1306	45	50	54	53	54	52	53	< 20	< 20
RES1307	45	45	50	48	49	48	50	< 20	< 20
RES1308	45	54	57	54	57	54	56	< 20	< 20
RES1309	45	56	59	56	59	58	59	< 20	< 20
RES1310	45	54	58	55	58	56	57	< 20	< 20
RES1311	45	55	58	55	58	56	58	< 20	< 20
RES1312	45	50	54	53	54	51	52	< 20	< 20
RES1313	45	48	52	51	52	51	51	< 20	< 20
RES1314	45	51	55	53	54	52	53	< 20	< 20
RES1315	45	60	62	59	63	61	62	< 20	< 20
RES1316	45	59	62	59	62	61	61	< 20	< 20
RES1317	45	51	54	53	54	52	53	< 20	< 20
RES1318	45	53	56	54	56	54	55	< 20	< 20
RES1319	45	51	55	53	55	53	54	< 20	< 20
RES1320	45	49	52	51	52	51	52	< 20	< 20
RES1321	45	52	55	54	55	53	54	< 20	< 20
RES1322	45	56	59	56	59	58	59	< 20	< 20
RES1323	45	53	57	54	57	54	56	< 20	< 20
RES1324	45	55	58	55	58	56	58	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1325	45	74	75	60	76	70	50	< 20	< 20
RES1326	45	54	57	54	57	54	56	< 20	< 20
RES1327	45	55	58	55	58	56	57	< 20	< 20
RES1328	45	54	57	54	57	55	56	< 20	< 20
RES1329	45	52	56	54	56	53	54	< 20	< 20
RES1330	45	52	55	54	55	53	54	< 20	< 20
RES1331	45	71	72	60	73	71	50	< 20	< 20
RES1332	45	53	56	54	56	54	55	< 20	< 20
RES1333	45	59	61	58	62	60	61	< 20	< 20
RES1334	45	49	53	52	53	51	52	< 20	< 20
RES1335	45	62	64	60	64	63	63	< 20	< 20
RES1336	45	61	63	60	64	62	62	< 20	< 20
RES1337	45	55	58	55	59	57	58	< 20	< 20
RES1338	45	57	59	57	60	58	59	< 20	< 20
RES1339	45	54	57	55	57	55	56	< 20	< 20
RES1340	45	54	57	55	57	55	56	< 20	< 20
RES1341	45	54	57	55	57	55	56	< 20	< 20
RES1342	45	53	56	54	56	54	55	< 20	< 20
RES1343	45	54	57	55	57	55	56	< 20	< 20
RES1344	45	54	57	55	57	55	56	< 20	< 20
RES1345	45	54	57	55	58	55	56	< 20	< 20
RES1346	45	53	56	54	56	54	55	< 20	< 20
RES1347	45	56	59	56	59	57	58	< 20	< 20
RES1348	45	49	53	51	52	51	52	< 20	< 20
RES1349	45	63	65	61	65	64	64	< 20	< 20
RES1350	45	54	57	55	57	54	55	< 20	< 20
RES1351	45	54	57	55	57	55	56	< 20	< 20
RES1352	45	60	62	59	63	61	62	< 20	< 20
RES1353	45	54	57	55	57	55	56	< 20	< 20
RES1354	45	54	57	55	57	55	56	< 20	< 20
RES1355	45	54	57	55	57	55	56	< 20	< 20
RES1356	45	54	57	55	58	55	56	< 20	< 20
RES1357	45	55	58	55	58	55	56	< 20	< 20
RES1358	45	50	53	52	53	52	52	< 20	< 20
RES1359	45	58	60	58	61	59	60	< 20	< 20
RES1360	45	56	59	56	59	57	58	< 20	< 20
RES1361	45	61	63	60	64	62	63	< 20	< 20
RES1362	45	52	56	54	56	54	54	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1363	45	62	64	61	65	63	64	< 20	< 20
RES1364	45	54	57	55	57	54	55	< 20	< 20
RES1365	45	50	53	52	53	52	52	< 20	< 20
RES1366	45	50	54	52	53	52	52	< 20	< 20
RES1367	45	49	53	52	53	52	52	< 20	< 20
RES1368	45	50	54	53	54	52	52	< 20	< 20
RES1369	45	56	59	56	59	56	58	< 20	< 20
RES1370	45	56	59	56	59	57	58	< 20	< 20
RES1371	45	50	54	53	54	52	52	< 20	< 20
RES1372	45	51	55	53	54	52	52	< 20	< 20
RES1373	45	51	54	53	54	52	52	< 20	< 20
RES1374	45	57	60	57	61	59	60	< 20	< 20
RES1375	45	47	51	49	50	49	51	< 20	< 20
RES1376	45	53	56	55	56	54	55	< 20	< 20
RES1377	45	58	61	58	61	60	60	< 20	< 20
RES1378	45	52	55	54	55	53	53	< 20	< 20
RES1379	45	56	59	56	59	56	58	< 20	< 20
RES1380	45	57	59	56	60	57	58	< 20	< 20
RES1381	45	62	64	61	65	63	64	< 20	< 20
RES1382	45	52	55	54	55	52	53	< 20	< 20
RES1383	45	52	55	54	55	52	53	< 20	< 20
RES1384	45	54	57	55	57	55	55	< 20	< 20
RES1385	45	52	55	54	55	53	53	< 20	< 20
RES1386	45	55	58	56	58	55	56	< 20	< 20
RES1387	45	52	56	54	56	53	54	< 20	< 20
RES1388	45	53	57	55	57	54	55	< 20	< 20
RES1389	45	47	51	49	51	50	51	< 20	< 20
RES1390	45	53	56	55	56	53	54	< 20	< 20
RES1391	45	59	61	58	61	60	61	< 20	< 20
RES1392	45	64	66	62	67	66	65	< 20	< 20
RES1393	45	55	58	56	58	56	56	< 20	< 20
RES1394	45	53	56	55	56	54	54	< 20	< 20
RES1395	45	57	60	56	60	57	59	< 20	< 20
RES1396	45	60	62	59	63	61	62	< 20	< 20
RES1397	45	58	60	57	61	58	59	< 20	< 20
RES1398	45	50	53	52	53	52	53	< 20	< 20
RES1399	45	53	56	55	56	54	54	< 20	< 20
RES1400	45	57	59	56	60	57	58	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1401	45	56	58	56	59	56	57	< 20	< 20
RES1402	45	50	54	53	54	52	53	< 20	< 20
RES1403	45	68	70	62	71	68	51	< 20	< 20
RES1404	45	53	56	55	56	54	54	< 20	< 20
RES1405	45	56	59	56	59	56	57	< 20	< 20
RES1406	45	71	73	57	74	60	53	< 20	< 20
RES1407	45	56	59	56	59	56	57	< 20	< 20
RES1408	45	49	53	51	52	51	52	< 20	< 20
RES1409	45	62	64	61	65	63	63	< 20	< 20
RES1410	45	56	59	56	59	56	57	< 20	< 20
RES1411	45	47	51	49	51	50	51	< 20	< 20
RES1412	45	59	61	58	62	60	61	< 20	< 20
RES1413	45	54	57	55	57	54	55	< 20	< 20
RES1414	45	57	60	56	60	57	59	< 20	< 20
RES1415	45	51	54	53	54	53	53	< 20	< 20
RES1416	45	57	60	56	60	57	58	< 20	< 20
RES1417	45	51	55	53	55	53	53	< 20	< 20
RES1418	45	52	55	54	55	53	53	< 20	< 20
RES1419	45	50	54	52	53	52	53	< 20	< 20
RES1420	45	52	55	54	55	53	53	< 20	< 20
RES1421	45	64	66	62	67	65	65	< 20	< 20
RES1422	45	52	56	54	56	53	53	< 20	< 20
RES1423	45	58	60	57	61	58	59	< 20	< 20
RES1424	45	52	55	54	55	53	53	< 20	< 20
RES1425	45	59	62	59	62	60	61	< 20	< 20
RES1426	45	63	65	62	66	64	64	< 20	< 20
RES1427	45	53	56	55	56	53	53	< 20	< 20
RES1428	45	65	67	63	68	66	66	< 20	< 20
RES1429	45	62	64	61	65	63	63	< 20	< 20
RES1430	45	56	58	56	59	56	56	< 20	< 20
RES1431	45	53	56	55	56	54	54	< 20	< 20
RES1432	45	53	57	55	57	54	54	< 20	< 20
RES1433	45	56	59	57	59	56	57	< 20	< 20
RES1434	45	67	69	59	70	68	50	< 20	< 20
RES1435	45	56	59	57	59	56	57	< 20	< 20
RES1436	45	50	54	53	54	53	53	< 20	< 20
RES1437	45	56	59	57	60	57	57	< 20	< 20
RES1438	45	54	57	56	57	54	54	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1439	45	60	62	59	63	61	61	< 20	< 20
RES1440	45	54	57	56	57	55	55	< 20	< 20
RES1441	45	60	63	60	63	61	62	< 20	< 20
RES1442	45	55	58	56	58	55	55	< 20	< 20
RES1443	45	50	54	53	54	53	53	< 20	< 20
RES1444	45	48	52	49	51	50	52	< 20	< 20
RES1445	45	57	60	57	60	57	58	< 20	< 20
RES1446	45	61	63	60	64	62	62	< 20	< 20
RES1447	45	58	61	57	61	58	59	< 20	< 20
RES1448	45	57	60	57	60	57	57	< 20	< 20
RES1449	45	58	61	57	61	58	59	< 20	< 20
RES1450	45	58	60	57	61	58	58	< 20	< 20
RES1451	45	51	55	53	54	53	53	< 20	< 20
RES1452	45	51	54	53	54	53	53	< 20	< 20
RES1453	45	52	55	54	55	53	53	< 20	< 20
RES1454	45	51	54	53	54	53	53	< 20	< 20
RES1455	45	55	58	57	58	56	55	< 20	< 20
RES1456	45	59	62	58	62	59	60	< 20	< 20
RES1457	45	60	62	58	63	60	61	< 20	< 20
RES1458	45	55	58	56	58	55	55	< 20	< 20
RES1459	45	59	62	58	62	59	60	< 20	< 20
RES1460	45	59	61	58	62	59	59	< 20	< 20
RES1461	45	59	62	58	62	59	60	< 20	< 20
RES1462	45	59	62	58	62	59	59	< 20	< 20
RES1463	45	60	63	59	63	60	61	< 20	< 20
RES1464	45	61	63	59	64	61	61	< 20	< 20
RES1465	45	61	63	60	64	61	62	< 20	< 20
RES1466	45	61	64	60	64	62	62	< 20	< 20
RES1467	45	54	57	56	57	54	54	< 20	< 20
RES1468	45	54	57	56	57	54	54	< 20	< 20
RES1469	45	49	53	51	53	51	53	< 20	< 20
RES1470	45	54	57	56	57	54	54	< 20	< 20
RES1471	45	62	64	61	65	63	63	< 20	< 20
RES1472	45	55	58	56	58	55	54	< 20	< 20
RES1473	45	51	55	53	55	53	54	< 20	< 20
RES1474	45	52	55	54	55	54	54	< 20	< 20
RES1475	45	56	59	57	59	56	56	< 20	< 20
RES1476	45	55	58	57	58	55	55	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1477	45	52	56	55	56	54	54	< 20	< 20
RES1478	45	53	57	55	57	54	54	< 20	< 20
RES1479	45	53	56	55	56	54	54	< 20	< 20
RES1480	45	52	55	54	55	54	54	< 20	< 20
RES1481	45	53	56	55	56	54	54	< 20	< 20
RES1482	45	52	55	54	55	54	54	< 20	< 20
RES1483	45	53	56	55	56	54	54	< 20	< 20
RES1484	45	55	58	57	58	55	55	< 20	< 20
RES1485	45	54	57	56	57	55	54	< 20	< 20
RES1486	45	56	59	58	59	56	56	< 20	< 20
RES1487	45	56	58	57	59	56	55	< 20	< 20
RES1488	45	54	57	56	58	55	54	< 20	< 20
RES1489	45	60	62	59	63	60	59	< 20	< 20
RES1490	45	52	55	54	55	54	54	< 20	< 20
RES1491	45	60	63	59	63	60	60	< 20	< 20
RES1492	45	61	63	59	64	60	60	< 20	< 20
RES1493	45	55	58	57	58	55	54	< 20	< 20
RES1494	45	52	55	54	55	54	54	< 20	< 20
RES1495	45	61	63	59	64	60	60	< 20	< 20
RES1496	45	52	56	55	56	54	54	< 20	< 20
RES1497	45	55	58	57	59	55	55	< 20	< 20
RES1498	45	61	64	59	64	61	61	< 20	< 20
RES1499	45	53	56	55	56	55	54	< 20	< 20
RES1500	45	62	64	59	64	61	61	< 20	< 20
RES1501	45	62	64	60	65	61	61	< 20	< 20
RES1502	45	56	59	58	59	56	55	< 20	< 20
RES1503	45	53	56	55	56	55	54	< 20	< 20
RES1504	45	54	57	56	57	55	54	< 20	< 20
RES1505	45	62	64	60	65	61	62	< 20	< 20
RES1506	45	58	60	59	61	58	57	< 20	< 20
RES1507	45	57	59	58	60	57	56	< 20	< 20
RES1508	45	57	60	58	60	57	56	< 20	< 20
RES1509	45	55	58	57	58	55	54	< 20	< 20
RES1510	45	57	60	59	60	57	56	< 20	< 20
RES1511	45	57	60	59	60	58	57	< 20	< 20
RES1512	45	63	65	61	66	62	63	< 20	< 20
RES1513	45	44	48	43	47	45	48	< 20	< 20
RES1514	45	53	56	55	56	55	54	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1515	45	63	65	61	66	62	62	< 20	< 20
RES1516	45	54	57	56	57	55	55	< 20	< 20
RES1517	45	54	57	56	57	55	55	< 20	< 20
RES1518	45	58	61	59	61	58	57	< 20	< 20
RES1519	45	64	66	62	67	63	64	< 20	< 20
RES1520	45	52	56	54	56	54	54	< 20	< 20
RES1521	45	54	57	56	58	55	55	< 20	< 20
RES1522	45	55	58	57	58	55	55	< 20	< 20
RES1523	45	61	63	60	64	61	59	< 20	< 20
RES1524	45	55	58	57	59	56	55	< 20	< 20
RES1525	45	57	59	58	60	56	55	< 20	< 20
RES1526	45	56	59	57	59	56	55	< 20	< 20
RES1527	45	53	56	55	56	55	55	< 20	< 20
RES1528	45	56	59	58	59	56	55	< 20	< 20
RES1529	45	56	59	58	59	56	55	< 20	< 20
RES1530	45	62	64	60	65	61	60	< 20	< 20
RES1531	45	63	65	60	65	62	61	< 20	< 20
RES1532	45	62	64	60	65	61	60	< 20	< 20
RES1533	45	57	60	59	61	57	56	< 20	< 20
RES1534	45	58	60	59	61	57	56	< 20	< 20
RES1535	45	63	65	60	66	62	61	< 20	< 20
RES1536	45	58	61	60	61	58	56	< 20	< 20
RES1537	45	63	65	60	66	62	61	< 20	< 20
RES1538	45	58	61	60	61	58	56	< 20	< 20
RES1539	45	64	66	61	67	63	63	< 20	< 20
RES1540	45	64	66	61	67	63	62	< 20	< 20
RES1541	45	64	66	60	67	63	62	< 20	< 20
RES1542	45	66	67	62	68	63	64	< 20	< 20
RES1543	45	59	61	60	62	58	57	< 20	< 20
RES1544	45	65	67	62	68	63	63	< 20	< 20
RES1545	45	59	62	60	62	59	57	< 20	< 20
RES1546	45	55	58	57	58	56	55	< 20	< 20
RES1547	45	55	58	57	58	56	55	< 20	< 20
RES1548	45	55	58	57	58	56	55	< 20	< 20
RES1549	45	60	62	61	63	60	58	< 20	< 20
RES1550	45	60	63	61	63	60	58	< 20	< 20
RES1551	45	56	59	57	59	56	55	< 20	< 20
RES1552	45	53	57	55	57	55	55	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1553	45	56	59	58	59	56	55	< 20	< 20
RES1554	45	56	59	58	60	57	55	< 20	< 20
RES1555	45	61	63	61	64	60	58	< 20	< 20
RES1556	45	62	64	61	64	61	59	< 20	< 20
RES1557	45	63	65	61	65	62	60	< 20	< 20
RES1558	45	58	61	60	61	57	56	< 20	< 20
RES1559	45	58	60	59	61	57	55	< 20	< 20
RES1560	45	57	60	59	60	57	55	< 20	< 20
RES1561	45	64	66	61	66	62	60	< 20	< 20
RES1562	45	54	57	56	57	56	55	< 20	< 20
RES1563	45	63	65	62	66	62	60	< 20	< 20
RES1564	45	54	57	56	57	56	56	< 20	< 20
RES1565	45	64	66	61	67	63	61	< 20	< 20
RES1566	45	59	61	60	62	58	56	< 20	< 20
RES1567	45	55	58	57	58	56	56	< 20	< 20
RES1568	45	59	62	61	62	58	56	< 20	< 20
RES1569	45	65	67	61	67	63	61	< 20	< 20
RES1570	45	59	62	60	62	58	56	< 20	< 20
RES1571	45	65	67	61	68	64	62	< 20	< 20
RES1572	45	60	62	61	63	59	57	< 20	< 20
RES1573	45	55	58	56	58	56	56	< 20	< 20
RES1574	45	60	62	61	63	59	57	< 20	< 20
RES1575	45	66	68	61	69	64	62	< 20	< 20
RES1576	45	60	63	61	63	60	57	< 20	< 20
RES1577	45	61	63	62	64	60	58	< 20	< 20
RES1578	45	55	58	57	58	57	56	< 20	< 20
RES1579	45	58	61	59	61	57	56	< 20	< 20
RES1580	45	61	63	62	64	61	58	< 20	< 20
RES1581	45	56	58	58	59	57	56	< 20	< 20
RES1582	45	67	69	63	70	65	64	< 20	< 20
RES1583	45	56	59	58	59	57	56	< 20	< 20
RES1584	45	62	64	62	64	61	58	< 20	< 20
RES1585	45	62	64	62	65	62	59	< 20	< 20
RES1586	45	56	59	58	59	57	56	< 20	< 20
RES1587	45	57	60	59	60	57	56	< 20	< 20
RES1588	45	57	60	59	60	57	56	< 20	< 20
RES1589	45	64	66	63	67	63	60	< 20	< 20
RES1590	45	58	60	59	61	58	56	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1591	45	64	66	63	66	63	60	< 20	< 20
RES1592	45	65	67	63	68	63	60	< 20	< 20
RES1593	45	58	61	60	61	58	56	< 20	< 20
RES1594	45	67	69	63	70	65	62	< 20	< 20
RES1595	45	68	69	62	71	66	63	< 20	< 20
RES1596	45	67	69	63	70	65	62	< 20	< 20
RES1597	45	69	70	63	71	66	64	< 20	< 20
RES1598	45	69	70	62	71	66	63	< 20	< 20
RES1599	45	63	65	64	66	62	59	< 20	< 20
RES1600	45	64	66	64	67	63	59	< 20	< 20
RES1601	45	65	67	64	68	64	60	< 20	< 20
RES1602	45	66	67	64	68	64	60	< 20	< 20
RES1603	45	67	68	64	69	65	60	< 20	< 20
RES1604	45	67	69	64	70	65	61	< 20	< 20
RES1605	45	68	70	64	71	66	61	< 20	< 20
RES1606	45	69	71	64	72	67	62	< 20	< 20
RES1607	45	66	67	65	68	64	59	< 20	< 20
RES1608	45	66	68	66	69	65	60	< 20	< 20
RES1609	45	67	69	66	70	66	60	< 20	< 20
RES1610	45	68	70	66	71	66	61	< 20	< 20
RES1611	45	73	74	64	75	69	63	< 20	< 20
RES1612	45	69	71	66	72	67	61	< 20	< 20
RES1613	45	71	73	65	74	69	62	< 20	< 20
RES1614	45	70	72	65	73	68	62	< 20	< 20
RES1615	45	74	75	65	76	70	63	< 20	< 20
RES1616	45	67	69	68	70	65	59	< 20	< 20
RES1617	45	68	70	68	71	66	60	< 20	< 20
RES1618	45	70	71	67	73	68	61	< 20	< 20
RES1619	45	76	77	66	78	72	63	< 20	< 20
RES1620	45	75	77	66	78	71	63	< 20	< 20
RES1621	45	70	71	68	73	68	60	< 20	< 20
RES1622	45	75	76	67	77	71	62	< 20	< 20
RES1623	45	74	75	68	76	71	62	< 20	< 20
RES1624	45	73	75	69	76	70	61	< 20	< 20
RES1625	45	73	74	69	75	70	61	< 20	< 20
RES1626	45	54	57	53	57	56	50	< 20	< 20
RES1627	45	49	53	49	53	50	52	< 20	< 20
RES1628	45	58	60	58	61	59	59	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1629	45	53	56	54	57	55	56	< 20	< 20
RES1630	45	-*	-*	65	-*	-*	65	< 20	< 20
RES1631	45	-*	-*	71	-*	80	61	< 20	< 20
RES1632	45	-*	-*	71	-*	80	61	< 20	< 20
RES1633	45	53	57	53	57	55	56	< 20	< 20
RES1634	45	63	65	63	66	64	61	< 20	< 20
RES1635	45	39	44	41	43	43	44	< 20	< 20
RES1636	45	50	53	49	53	50	50	< 20	< 20
RES1637	45	51	54	50	54	53	48	< 20	< 20
RES1638	45	71	72	73	73	68	62	< 20	< 20
RES1639	45	48	52	49	52	51	49	< 20	< 20
RES1640	45	71	72	61	73	71	61	< 20	< 20
RES1641	45	49	53	50	53	52	50	< 20	< 20
RES1642	45	71	73	70	74	73	64	< 20	< 20
RES1643	45	43	47	40	46	43	49	< 20	< 20
RES1644	45	56	58	49	59	49	49	< 20	< 20
RES1645	45	82	83	67	85	88	60	< 20	< 20
RES1646	45	49	53	46	53	47	33	< 20	< 20
RES1647	45	70	72	68	73	71	67	< 20	< 20
RES1648	45	63	65	57	66	64	58	< 20	< 20
RES1649	45	57	59	51	60	51	51	< 20	< 20
RES1650	45	67	69	64	70	69	67	< 20	< 20
RES1651	45	66	68	60	69	67	60	< 20	< 20
RES1652	45	60	62	53	62	53	52	< 20	< 20
RES1653	45	42	46	44	46	45	47	< 20	< 20
RES1654	45	54	57	52	57	56	54	< 20	< 20
RES1655	45	68	70	67	71	63	53	< 20	< 20
RES1656	45	43	48	43	47	45	35	< 20	< 20
RES1657	45	63	65	55	66	54	54	< 20	< 20
RES1658	45	61	63	57	64	62	56	< 20	< 20
RES1659	45	61	63	59	64	62	58	< 20	< 20
RES1660	45	43	48	44	47	46	45	< 20	< 20
RES1661	45	64	66	56	67	56	54	< 20	< 20
RES1662	45	61	64	57	64	58	55	< 20	< 20
RES1663	45	50	54	49	54	52	51	< 20	< 20
RES1664	45	-*	-*	-*	-*	-*	76	< 20	< 20
RES1665	45	58	61	57	61	60	55	< 20	< 20
RES1666	45	76	77	77	78	73	57	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1667	45	56	59	55	60	58	56	< 20	< 20
RES1668	45	90	91	82	92	89	69	< 20	< 20
RES1669	45	40	45	42	44	43	39	< 20	< 20
RES1670	45	64	66	63	67	67	59	< 20	< 20
RES1671	45	51	54	49	54	53	51	< 20	< 20
RES1672	45	54	57	53	57	56	54	< 20	< 20
RES1673	45	75	77	65	78	61	59	< 20	< 20
RES1674	45	47	51	46	51	50	49	< 20	< 20
RES1675	45	82	84	65	85	83	61	< 20	< 20
RES1676	45	41	46	42	45	45	45	< 20	< 20
RES1677	45	73	74	76	75	65	63	< 20	< 20
RES1678	45	68	69	60	70	68	58	< 20	< 20
RES1679	45	42	46	41	46	45	42	< 20	< 20
RES1680	45	40	45	40	44	43	39	< 20	< 20
RES1681	45	86	88	91	89	63	63	< 20	< 20
RES1682	45	63	65	57	66	64	57	< 20	< 20
RES1683	45	45	49	43	48	48	44	< 20	< 20
RES1684	45	54	57	50	57	52	53	< 20	< 20
RES1685	45	64	66	62	67	64	63	< 20	< 20
RES1686	45	53	56	49	56	53	52	< 20	< 20
RES1687	45	42	47	42	46	45	40	< 20	< 20
RES1688	45	40	44	40	43	43	44	< 20	< 20
RES1689	45	46	51	44	50	49	44	< 20	< 20
RES1690	45	46	50	45	49	48	42	< 20	< 20
RES1691	45	55	58	52	58	56	49	< 20	< 20
RES1692	45	50	54	49	54	53	50	< 20	< 20
RES1693	45	49	53	48	52	51	50	< 20	< 20
RES1694	45	47	51	46	50	49	48	< 20	< 20
RES1695	45	81	82	50	84	60	54	< 20	< 20
RES1696	45	75	77	58	78	77	61	< 20	< 20
RES1697	45	71	72	58	73	71	61	< 20	< 20
RES1698	45	49	53	49	53	48	39	< 20	< 20
RES1699	45	39	44	41	43	40	35	< 20	< 20
RES1700	45	40	45	42	44	40	35	< 20	< 20
RES1701	45	73	74	55	76	73	45	< 20	< 20
RES1702	45	41	45	42	44	41	35	< 20	< 20
RES1703	45	41	45	42	45	41	35	< 20	< 20
RES1704	45	41	46	43	45	41	35	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1705	45	41	45	42	45	41	35	< 20	< 20
RES1706	45	41	46	43	45	41	35	< 20	< 20
RES1707	45	41	46	42	45	41	35	< 20	< 20
RES1708	45	40	45	42	44	41	35	< 20	< 20
RES1709	45	41	46	43	45	41	35	< 20	< 20
RES1710	45	41	46	43	45	41	35	< 20	< 20
RES1711	45	52	55	51	55	48	39	< 20	< 20
RES1712	45	41	45	42	44	41	36	< 20	< 20
RES1713	45	42	46	43	45	41	35	< 20	< 20
RES1714	45	41	46	43	45	41	36	< 20	< 20
RES1715	45	41	45	42	45	41	36	< 20	< 20
RES1716	45	49	53	49	52	46	38	< 20	< 20
RES1717	45	86	87	55	88	86	46	< 20	< 20
RES1718	45	41	45	42	45	41	36	< 20	< 20
RES1719	45	42	46	43	45	41	36	< 20	< 20
RES1720	45	40	45	41	44	41	36	< 20	< 20
RES1721	45	41	46	43	45	41	36	< 20	< 20
RES1722	45	41	46	42	45	41	36	< 20	< 20
RES1723	45	44	49	46	48	42	35	< 20	< 20
RES1724	45	40	45	41	44	43	44	< 20	< 20
RES1725	45	42	46	43	46	42	36	< 20	< 20
RES1726	45	42	46	43	45	42	36	< 20	< 20
RES1727	45	43	47	44	47	42	36	< 20	< 20
RES1728	45	40	45	42	44	41	36	< 20	< 20
RES1729	45	40	45	41	44	41	36	< 20	< 20
RES1730	45	41	46	43	45	42	36	< 20	< 20
RES1731	45	40	44	41	43	41	36	< 20	< 20
RES1732	45	41	45	42	45	42	33	< 20	< 20
RES1733	45	39	44	41	43	41	36	< 20	< 20
RES1734	45	42	46	43	46	42	36	< 20	< 20
RES1735	45	42	47	43	46	42	36	< 20	< 20
RES1736	45	42	46	43	45	42	36	< 20	< 20
RES1737	45	42	47	44	46	42	36	< 20	< 20
RES1738	45	40	45	41	44	41	36	< 20	< 20
RES1739	45	41	46	42	45	42	33	< 20	< 20
RES1740	45	45	49	46	49	42	36	< 20	< 20
RES1741	45	44	48	45	48	42	36	< 20	< 20
RES1742	45	40	45	41	44	42	36	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1743	45	44	48	45	48	42	36	< 20	< 20
RES1744	45	44	48	45	47	42	36	< 20	< 20
RES1745	45	40	44	41	44	41	37	< 20	< 20
RES1746	45	51	55	47	55	53	51	< 20	< 20
RES1747	45	42	46	43	45	42	36	< 20	< 20
RES1748	45	42	47	43	46	43	37	< 20	< 20
RES1749	45	42	46	43	46	43	37	< 20	< 20
RES1750	45	73	75	64	76	56	42	< 20	< 20
RES1751	45	42	47	43	46	43	36	< 20	< 20
RES1752	45	42	47	44	46	43	36	< 20	< 20
RES1753	45	41	46	42	45	42	33	< 20	< 20
RES1754	45	40	44	41	44	40	37	< 20	< 20
RES1755	45	40	45	41	44	40	37	< 20	< 20
RES1756	45	43	47	44	47	43	36	< 20	< 20
RES1757	45	43	48	45	47	43	36	< 20	< 20
RES1758	45	40	44	41	43	40	37	< 20	< 20
RES1759	45	43	48	44	47	43	36	< 20	< 20
RES1760	45	44	48	45	47	43	36	< 20	< 20
RES1761	45	40	45	41	44	41	32	< 20	< 20
RES1762	45	39	44	40	43	40	37	< 20	< 20
RES1763	45	43	48	44	47	43	36	< 20	< 20
RES1764	45	44	48	45	48	43	36	< 20	< 20
RES1765	45	41	46	42	45	43	33	< 20	< 20
RES1766	45	44	48	45	48	43	36	< 20	< 20
RES1767	45	41	46	42	45	42	33	< 20	< 20
RES1768	45	65	67	61	68	53	41	< 20	< 20
RES1769	45	40	45	41	44	40	37	< 20	< 20
RES1770	45	44	49	45	48	43	36	< 20	< 20
RES1771	45	42	46	43	45	43	34	< 20	< 20
RES1772	45	45	49	46	48	43	36	< 20	< 20
RES1773	45	42	46	43	46	43	37	< 20	< 20
RES1774	45	42	47	43	46	43	37	< 20	< 20
RES1775	45	41	46	42	45	43	33	< 20	< 20
RES1776	45	48	52	48	51	43	36	< 20	< 20
RES1777	45	40	44	41	43	40	37	< 20	< 20
RES1778	45	42	46	41	45	45	45	< 20	< 20
RES1779	45	45	49	46	49	43	36	< 20	< 20
RES1780	45	42	46	43	46	43	37	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1781	45	42	47	43	46	43	37	< 20	< 20
RES1782	45	40	45	41	44	39	37	< 20	< 20
RES1783	45	40	45	41	44	39	37	< 20	< 20
RES1784	45	43	47	44	47	43	37	< 20	< 20
RES1785	45	43	47	44	46	43	37	< 20	< 20
RES1786	45	42	47	43	46	43	37	< 20	< 20
RES1787	45	43	48	44	47	43	37	< 20	< 20
RES1788	45	40	45	41	44	39	37	< 20	< 20
RES1789	45	40	45	41	44	39	37	< 20	< 20
RES1790	45	44	48	44	47	43	37	< 20	< 20
RES1791	45	44	48	45	47	43	37	< 20	< 20
RES1792	45	41	46	42	45	43	33	< 20	< 20
RES1793	45	44	49	45	48	44	37	< 20	< 20
RES1794	45	41	46	42	45	43	33	< 20	< 20
RES1795	45	42	46	43	46	43	37	< 20	< 20
RES1796	45	45	49	45	48	44	36	< 20	< 20
RES1797	45	40	44	41	43	42	38	< 20	< 20
RES1798	45	45	49	46	49	44	36	< 20	< 20
RES1799	45	42	47	43	46	43	37	< 20	< 20
RES1800	45	40	45	41	44	37	38	< 20	< 20
RES1801	45	46	50	47	50	44	36	< 20	< 20
RES1802	45	67	69	62	70	63	44	< 20	< 20
RES1803	45	60	62	58	62	49	39	< 20	< 20
RES1804	45	49	53	50	52	44	36	< 20	< 20
RES1805	45	43	48	44	47	44	37	< 20	< 20
RES1806	45	44	49	45	48	44	37	< 20	< 20
RES1807	45	44	48	45	48	44	37	< 20	< 20
RES1808	45	45	49	45	48	44	37	< 20	< 20
RES1809	45	45	49	45	48	44	37	< 20	< 20
RES1810	45	45	49	46	49	44	37	< 20	< 20
RES1811	45	48	52	48	52	44	36	< 20	< 20
RES1812	45	46	50	47	50	44	37	< 20	< 20
RES1813	45	41	46	42	45	43	38	< 20	< 20
RES1814	45	40	45	41	44	43	38	< 20	< 20
RES1815	45	40	44	40	43	43	38	< 20	< 20
RES1816	45	43	47	43	46	44	38	< 20	< 20
RES1817	45	44	48	44	48	45	37	< 20	< 20
RES1818	45	40	44	39	43	43	39	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1819	45	47	51	47	51	45	37	< 20	< 20
RES1820	45	43	48	43	47	45	38	< 20	< 20
RES1821	45	-*	-*	77	-*	53	41	< 20	< 20
RES1822	45	-*	-*	46	-*	46	37	< 20	< 20
RES1823	45	42	46	41	45	45	45	< 20	< 20
RES1824	45	45	49	43	49	48	47	< 20	< 20
RES1825	45	45	49	43	49	48	47	< 20	< 20
RES1826	45	44	49	42	48	47	47	< 20	< 20
RES1827	45	43	48	43	47	46	39	< 20	< 20
RES1828	45	39	44	39	43	43	43	< 20	< 20
RES1829	45	54	57	54	57	46	36	< 20	< 20
RES1830	45	42	47	41	46	45	40	< 20	< 20
RES1831	45	43	47	42	47	46	40	< 20	< 20
RES1832	45	40	45	39	44	44	41	< 20	< 20
RES1833	45	42	46	41	46	45	45	< 20	< 20
RES1834	45	61	63	56	64	48	36	< 20	< 20
RES1835	45	43	47	41	46	46	46	< 20	< 20
RES1836	45	72	73	69	74	46	34	< 20	< 20
RES1837	45	85	86	62	87	49	36	< 20	< 20
RES1838	45	-*	-*	62	-*	48	34	< 20	< 20
RES1839	45	41	46	38	45	44	42	< 20	< 20
RES1840	45	54	57	54	57	49	34	< 20	< 20
RES1841	45	44	48	45	47	46	45	< 20	< 20
RES1842	45	46	50	45	50	49	45	< 20	< 20
RES1843	45	43	47	45	47	45	46	< 20	< 20
RES1844	45	49	53	45	52	51	44	< 20	< 20
RES1845	45	51	55	45	55	53	44	< 20	< 20
RES1846	45	47	51	33	51	47	33	< 20	< 20
RES1847	45	48	52	37	52	48	34	< 20	< 20
RES1848	45	44	49	47	48	47	48	< 20	< 20
RES1849	45	48	52	48	51	49	47	< 20	< 20
RES1850	45	73	75	44	76	76	43	< 20	< 20
RES1851	45	41	46	43	45	45	47	< 20	< 20
RES1852	45	59	62	48	62	61	46	< 20	< 20
RES1853	45	63	65	46	66	66	39	< 20	< 20
RES1854	45	63	65	48	65	63	46	< 20	< 20
RES1855	45	41	45	43	45	44	46	< 20	< 20
RES1856	45	51	55	54	55	54	52	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1857	45	53	56	55	56	54	52	< 20	< 20
RES1858	45	50	54	52	53	52	53	< 20	< 20
RES1859	45	53	56	55	56	55	53	< 20	< 20
RES1860	45	62	64	44	64	64	39	< 20	< 20
RES1861	45	50	53	51	53	52	53	< 20	< 20
RES1862	45	64	66	43	66	65	40	< 20	< 20
RES1863	45	58	60	60	61	59	55	< 20	< 20
RES1864	45	62	64	42	65	63	41	< 20	< 20
RES1865	45	54	57	56	57	56	56	< 20	< 20
RES1866	45	60	62	41	62	60	41	< 20	< 20
RES1867	45	54	57	55	57	56	57	< 20	< 20
RES1868	45	57	60	41	60	59	41	< 20	< 20
RES1869	45	42	47	45	46	45	46	< 20	< 20
RES1870	45	55	58	41	58	57	42	< 20	< 20
RES1871	45	53	56	42	56	55	42	< 20	< 20
RES1872	45	75	77	77	78	79	58	< 20	< 20
RES1873	45	71	72	72	74	73	64	< 20	< 20
RES1874	45	56	59	55	59	57	57	< 20	< 20
RES1875	45	48	52	40	52	51	41	< 20	< 20
RES1876	45	49	53	43	53	50	44	< 20	< 20
RES1877	45	50	53	48	53	52	48	< 20	< 20
RES1878	45	64	66	59	67	64	58	< 20	< 20
RES1879	45	81	82	94	83	101	70	< 20	< 20
RES1880	45	-*	-*	47	-*	-*	48	< 20	< 20
RES1881	45	46	50	44	50	48	45	< 20	< 20
RES1882	45	76	77	72	78	84	66	< 20	< 20
RES1883	45	55	58	54	58	57	56	< 20	< 20
RES1884	45	67	68	62	69	68	60	< 20	< 20
RES1885	45	42	46	41	45	44	43	< 20	< 20
RES1886	45	65	67	67	67	50	49	< 20	< 20
RES1887	45	59	62	61	62	48	47	< 20	< 20
RES1888	45	67	69	60	70	68	59	< 20	< 20
RES1889	45	70	72	72	73	50	50	< 20	< 20
RES1890	45	43	48	41	47	46	36	< 20	< 20
RES1891	45	41	45	41	44	44	43	< 20	< 20
RES1892	45	63	65	61	65	57	54	< 20	< 20
RES1893	45	79	80	80	82	50	50	< 20	< 20
RES1894	45	-*	-*	42	-*	49	37	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1895	45	45	49	42	48	48	35	< 20	< 20
RES1896	45	47	51	43	50	49	35	< 20	< 20
RES1897	45	53	56	54	56	54	52	< 20	< 20
RES1898	45	49	53	44	53	52	36	< 20	< 20
RES1899	45	67	69	54	70	64	41	< 20	< 20
RES1900	45	43	48	44	47	46	47	< 20	< 20
RES1901	45	43	48	44	47	46	47	< 20	< 20
RES1902	45	60	62	50	63	61	36	< 20	< 20
RES1903	45	50	54	47	54	52	33	< 20	< 20
RES1904	45	40	45	41	44	43	<20	< 20	< 20
RES1905	45	44	48	44	47	47	<20	< 20	< 20
RES1906	45	66	67	52	69	67	36	< 20	< 20
RES1907	45	43	47	44	46	46	46	< 20	< 20
RES1908	45	44	49	46	48	46	46	< 20	< 20
RES1909	45	65	67	51	68	66	40	< 20	< 20
RES1910	45	75	76	53	78	76	37	< 20	< 20
RES1911	45	65	67	49	68	68	40	< 20	< 20
RES1912	45	81	82	57	83	81	36	< 20	< 20
RES1913	45	58	61	49	61	60	40	< 20	< 20
RES1914	45	43	48	45	47	46	42	< 20	< 20
RES1915	45	69	70	53	71	70	38	< 20	< 20
RES1916	45	60	62	50	63	61	39	< 20	< 20
RES1917	45	66	67	67	68	63	34	< 20	< 20
RES1918	45	75	77	72	78	75	35	< 20	< 20
RES1919	45	72	74	78	75	69	34	< 20	< 20
RES1920	45	58	60	53	61	59	37	< 20	< 20
RES1921	45	60	63	62	63	56	32	< 20	< 20
RES1922	45	67	69	68	70	59	33	< 20	< 20
RES1923	45	80	82	67	83	84	35	< 20	< 20
RES1924	45	67	68	68	69	58	32	< 20	< 20
RES1925	45	40	45	43	44	43	<20	< 20	< 20
RES1926	45	46	50	49	50	48	<20	< 20	< 20
RES1927	45	43	47	46	47	45	<20	< 20	< 20
RES1928	45	46	51	49	50	48	<20	< 20	< 20
RES1929	45	42	47	45	46	44	<20	< 20	< 20
RES1930	45	60	62	57	63	61	35	< 20	< 20
RES1931	45	48	52	50	51	50	<20	< 20	< 20
RES1932	45	42	46	42	46	45	37	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1933	45	46	50	48	49	48	<20	< 20	< 20
RES1934	45	43	48	46	47	46	<20	< 20	< 20
RES1935	45	47	51	49	50	49	<20	< 20	< 20
RES1936	45	48	52	50	52	50	<20	< 20	< 20
RES1937	45	47	51	49	51	49	<20	< 20	< 20
RES1938	45	42	47	44	46	44	<20	< 20	< 20
RES1939	45	43	47	44	47	45	<20	< 20	< 20
RES1940	45	51	54	49	54	51	<20	< 20	< 20
RES1941	45	41	45	42	45	44	35	< 20	< 20
RES1942	45	59	61	51	62	55	<20	< 20	< 20
RES1943	45	51	55	46	55	49	<20	< 20	< 20
RES1944	45	48	52	45	52	47	<20	< 20	< 20
RES1945	45	69	70	52	72	60	<20	< 20	< 20
RES1946	45	62	64	50	64	57	<20	< 20	< 20
RES1947	45	61	63	49	64	56	<20	< 20	< 20
RES1948	45	45	49	45	48	47	32	< 20	< 20
RES1949	45	44	48	44	48	47	32	< 20	< 20
RES1950	45	70	71	49	73	55	<20	< 20	< 20
RES1951	45	39	44	41	43	42	32	< 20	< 20
RES1952	45	49	53	46	52	50	<20	< 20	< 20
RES1953	45	44	48	44	48	46	<20	< 20	< 20
RES1954	45	47	51	45	51	48	<20	< 20	< 20
RES1955	45	40	45	41	44	43	<20	< 20	< 20
RES1956	45	50	54	44	53	48	<20	< 20	< 20
RES1957	45	57	60	44	60	48	<20	< 20	< 20
RES1958	45	51	54	43	54	47	<20	< 20	< 20
RES1959	45	47	51	43	50	39	<20	< 20	< 20
RES1960	45	47	51	43	51	42	<20	< 20	< 20
RES1961	45	43	48	43	47	36	31	< 20	< 20
RES1962	45	43	47	43	47	36	32	< 20	< 20
RES1963	45	40	44	40	44	34	<20	< 20	< 20
RES1964	45	43	48	43	47	36	32	< 20	< 20
RES1965	45	47	51	47	51	39	32	< 20	< 20
RES1966	45	48	52	47	51	35	33	< 20	< 20
RES1967	45	44	48	45	47	37	32	< 20	< 20
RES1968	45	48	52	49	52	34	34	< 20	< 20
RES1969	45	64	66	58	67	36	35	< 20	< 20
RES1970	45	42	46	43	45	33	34	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES1971	45	48	52	49	51	35	34	< 20	< 20
RES1972	45	43	47	45	47	33	34	< 20	< 20
RES1973	45	44	49	47	48	35	< 20	< 20	< 20
RES1974	45	43	48	46	47	34	35	< 20	< 20
RES1975	45	63	65	58	66	36	39	< 20	< 20
RES1976	45	55	58	57	59	36	39	< 20	< 20
RES1977	45	41	45	44	45	34	37	< 20	< 20
RES1978	45	53	57	51	57	38	42	< 20	< 20
RES1979	45	45	49	46	49	38	42	< 20	< 20
RES1980	45	45	49	44	49	40	43	< 20	< 20
RES1981	45	43	47	41	47	42	45	< 20	< 20
RES1982	45	44	49	47	48	47	49	< 20	< 20
RES1983	45	64	65	57	66	56	59	< 20	< 20
RES1984	45	52	55	54	55	54	55	< 20	< 20
RES1985	45	40	44	42	43	43	46	< 20	< 20
RES1986	45	41	46	43	45	44	47	< 20	< 20
RES1987	45	53	56	54	56	55	56	< 20	< 20
RES1988	45	43	47	45	46	46	48	< 20	< 20
RES1989	45	41	45	43	45	44	46	< 20	< 20
RES1990	45	64	66	62	66	66	63	< 20	< 20
RES1991	45	68	69	65	70	69	66	< 20	< 20
RES1992	45	47	51	49	51	50	51	< 20	< 20
RES1993	45	43	47	45	47	46	48	< 20	< 20
RES1994	45	50	54	48	54	48	51	< 20	< 20
RES1995	45	81	83	82	84	56	70	< 20	< 20
RES1996	45	-*	-*	41	-*	42	44	< 20	< 20
RES1997	45	63	65	57	65	51	60	< 20	< 20
RES1998	45	49	53	47	53	48	50	< 20	< 20
RES1999	45	40	45	39	44	43	43	< 20	< 20
RES2000	45	65	67	60	68	66	63	< 20	< 20
RES2001	45	77	78	58	79	60	61	< 20	< 20
RES2002	45	42	46	41	45	45	45	< 20	< 20
RES2003	45	42	46	41	46	45	45	< 20	< 20
RES2004	45	46	50	42	49	49	46	< 20	< 20
RES2005	45	46	50	43	50	49	47	< 20	< 20
RES2006	45	46	50	43	50	49	47	< 20	< 20
RES2007	45	47	51	44	51	50	47	< 20	< 20
RES2008	45	48	52	44	52	51	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2009	45	46	50	44	50	49	48	< 20	< 20
RES2010	45	47	51	44	51	50	48	< 20	< 20
RES2011	45	71	72	46	74	72	50	< 20	< 20
RES2012	45	48	52	44	51	50	48	< 20	< 20
RES2013	45	44	48	43	47	46	47	< 20	< 20
RES2014	45	47	51	44	50	49	48	< 20	< 20
RES2015	45	66	68	48	69	67	52	< 20	< 20
RES2016	45	47	51	45	50	49	49	< 20	< 20
RES2017	45	48	51	45	51	50	49	< 20	< 20
RES2018	45	50	54	49	54	52	53	< 20	< 20
RES2019	45	51	53	50	53	51	55	< 20	< 20
RES2020	45	48	52	46	51	50	49	< 20	< 20
RES2021	45	47	51	45	50	49	49	< 20	< 20
RES2022	45	47	51	46	51	50	50	< 20	< 20
RES2023	45	46	50	46	50	48	49	< 20	< 20
RES2024	45	48	52	46	51	49	50	< 20	< 20
RES2025	45	35	40	38	39	39	42	< 20	21
RES2026	45	68	69	42	70	55	46	< 20	< 20
RES2027	45	49	53	47	52	50	51	< 20	< 20
RES2028	45	48	52	47	52	49	51	< 20	< 20
RES2029	45	48	51	47	51	49	51	< 20	< 20
RES2030	45	50	54	48	54	51	52	< 20	< 20
RES2031	45	40	45	29	44	36	33	< 20	< 20
RES2032	45	41	46	28	45	44	33	< 20	< 20
RES2033	45	46	50	33	50	47	34	< 20	< 20
RES2034	45	49	52	48	52	50	52	< 20	< 20
RES2035	45	41	45	28	44	44	33	< 20	< 20
RES2036	45	47	51	47	51	48	51	< 20	< 20
RES2037	45	51	54	49	54	51	53	< 20	< 20
RES2038	45	40	44	29	44	42	34	< 20	< 20
RES2039	45	36	41	28	40	36	33	< 20	< 20
RES2040	45	50	54	49	54	51	52	< 20	< 20
RES2041	45	46	50	37	50	46	38	< 20	< 20
RES2042	45	39	44	28	43	35	33	< 20	< 20
RES2043	45	48	52	48	52	50	52	< 20	< 20
RES2044	45	36	41	28	40	36	33	< 20	< 20
RES2045	45	48	52	48	51	50	52	< 20	< 20
RES2046	45	53	56	50	56	52	54	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2047	45	50	54	49	54	51	53	< 20	< 20
RES2048	45	37	42	38	41	38	34	< 20	< 20
RES2049	45	49	53	49	52	51	53	< 20	< 20
RES2050	45	34	39	35	38	35	33	< 20	< 20
RES2051	45	41	46	44	45	41	38	< 20	28
RES2052	45	45	49	45	48	47	49	< 20	< 20
RES2053	45	33	38	36	37	37	33	< 20	< 20
RES2054	45	43	47	43	47	42	45	< 20	20
RES2055	45	52	55	51	55	53	54	< 20	< 20
RES2056	45	46	50	44	50	43	46	< 20	20
RES2057	45	53	57	51	57	53	55	< 20	< 20
RES2058	45	46	50	44	50	43	46	< 20	20
RES2059	45	53	56	51	56	53	55	< 20	< 20
RES2060	45	49	53	49	53	52	53	< 20	< 20
RES2061	45	50	54	50	53	52	54	< 20	< 20
RES2062	45	41	46	44	45	42	40	< 20	28
RES2063	45	70	72	53	73	64	56	< 20	< 20
RES2064	45	49	53	49	53	52	53	< 20	< 20
RES2065	45	54	57	52	58	55	56	< 20	< 20
RES2066	45	50	54	50	54	53	54	< 20	< 20
RES2067	45	48	51	46	51	49	51	< 20	21
RES2068	45	54	57	52	57	55	56	< 20	< 20
RES2069	45	48	52	47	51	50	51	< 20	21
RES2070	45	50	54	49	53	52	53	< 20	< 20
RES2071	45	51	55	50	54	53	54	< 20	< 20
RES2072	45	69	70	55	71	60	57	< 20	< 20
RES2073	45	48	52	46	51	49	50	< 20	21
RES2074	45	49	52	48	52	51	52	< 20	20
RES2075	45	53	56	52	56	55	56	< 20	< 20
RES2076	45	50	54	49	53	52	53	< 20	20
RES2077	45	48	52	47	52	50	51	< 20	21
RES2078	45	49	53	47	52	50	51	< 20	21
RES2079	45	51	55	50	55	54	54	< 20	< 20
RES2080	45	56	59	54	59	57	57	< 20	< 20
RES2081	45	49	53	48	53	51	52	< 20	20
RES2082	45	49	52	46	52	49	51	< 20	22
RES2083	45	50	53	49	53	52	53	< 20	20
RES2084	45	51	55	50	55	53	54	< 20	20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2085	45	48	52	46	52	48	50	< 20	22
RES2086	45	51	54	50	54	53	54	< 20	20
RES2087	45	54	57	52	57	56	56	< 20	< 20
RES2088	45	50	54	49	54	52	53	< 20	20
RES2089	45	52	56	51	55	54	55	< 20	< 20
RES2090	45	56	59	54	59	58	58	< 20	< 20
RES2091	45	54	57	52	57	55	56	< 20	< 20
RES2092	45	51	54	48	54	51	52	< 20	21
RES2093	45	57	60	55	60	58	58	< 20	< 20
RES2094	45	52	55	49	55	52	53	< 20	21
RES2095	45	49	53	47	53	49	50	< 20	23
RES2096	45	51	54	47	54	50	51	< 20	22
RES2097	45	56	59	54	60	58	58	< 20	< 20
RES2098	45	58	61	55	61	59	59	< 20	< 20
RES2099	45	53	56	50	56	53	54	< 20	21
RES2100	45	45	49	48	49	46	42	< 20	31
RES2101	45	54	57	51	57	55	55	< 20	21
RES2102	45	54	57	52	58	56	56	< 20	20
RES2103	45	51	55	48	55	50	51	< 20	23
RES2104	45	59	61	55	62	60	59	< 20	< 20
RES2105	45	44	48	47	48	47	45	< 20	31
RES2106	45	46	50	48	49	47	43	< 20	32
RES2107	45	52	55	36	55	54	41	< 20	< 20
RES2108	45	54	57	37	57	55	44	< 20	< 20
RES2109	45	46	50	48	49	48	44	< 20	32
RES2110	45	54	57	37	57	55	43	< 20	< 20
RES2111	45	45	50	37	49	48	42	< 20	< 20
RES2112	45	76	77	64	78	78	68	< 20	< 20
RES2113	45	50	54	49	53	48	50	< 20	26
RES2114	45	48	52	51	52	49	43	< 20	34
RES2115	45	53	57	42	57	54	54	< 20	< 20
RES2116	45	48	52	51	52	50	45	< 20	34
RES2117	45	47	51	50	51	50	46	< 20	34
RES2118	45	54	57	55	57	56	56	< 20	< 20
RES2119	45	59	61	61	62	62	60	< 20	< 20
RES2120	45	46	50	49	50	50	51	< 20	< 20
RES2121	45	53	56	55	56	55	48	< 20	36
RES2122	45	55	58	57	58	58	57	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2123	45	52	56	53	56	53	55	< 20	28
RES2124	45	49	53	51	52	52	53	< 20	< 20
RES2125	45	54	58	56	58	55	57	< 20	27
RES2126	45	49	52	51	52	52	53	< 20	< 20
RES2127	45	77	79	68	80	61	61	< 20	20
RES2128	45	43	47	46	47	46	48	< 20	< 20
RES2129	45	42	46	45	45	38	33	< 20	28
RES2130	45	41	46	44	45	37	33	< 20	28
RES2131	45	53	56	55	56	43	37	< 20	38
RES2132	45	82	83	84	84	54	43	< 20	67
RES2133	45	70	72	67	73	65	46	< 20	50
RES2134	45	43	47	45	46	46	48	< 20	< 20
RES2135	45	52	55	51	55	52	54	< 20	< 20
RES2136	45	39	44	42	43	43	45	< 20	< 20
RES2137	45	78	79	79	80	84	48	< 20	43
RES2138	45	84	85	113	87	111	49	< 20	41
RES2139	45	-*	-*	-*	-*	-*	36	< 20	34
RES2140	45	44	48	47	48	39	35	< 20	31
RES2141	45	44	49	47	48	40	35	< 20	31
RES2142	45	45	49	47	48	41	35	< 20	31
RES2143	45	51	54	53	54	45	38	< 20	36
RES2144	45	45	49	48	49	41	35	< 20	31
RES2145	45	44	48	46	48	40	35	< 20	30
RES2146	45	44	48	46	47	40	35	< 20	30
RES2147	45	43	47	46	47	39	34	< 20	29
RES2148	45	43	47	45	46	39	34	< 20	29
RES2149	45	42	46	45	46	39	34	< 20	28
RES2150	45	50	53	52	53	45	38	< 20	36
RES2151	45	43	48	46	47	40	35	< 20	30
RES2152	45	43	48	46	47	40	35	< 20	30
RES2153	45	42	46	44	45	39	34	< 20	28
RES2154	45	44	48	46	48	40	35	< 20	30
RES2155	45	44	48	46	47	40	35	< 20	30
RES2156	45	41	46	44	45	38	33	< 20	27
RES2157	45	50	54	52	53	45	38	< 20	36
RES2158	45	43	47	45	47	40	34	< 20	29
RES2159	45	41	45	43	44	38	33	< 20	27
RES2160	45	46	50	48	50	42	36	< 20	32

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2161	45	42	47	45	46	39	34	< 20	29
RES2162	45	42	47	45	46	39	34	< 20	29
RES2163	45	40	44	42	44	37	33	< 20	26
RES2164	45	41	46	44	45	38	34	< 20	28
RES2165	45	43	47	45	47	40	35	< 20	29
RES2166	45	44	48	46	48	40	35	< 20	30
RES2167	45	40	45	43	44	37	33	< 20	26
RES2168	45	40	45	43	44	38	33	< 20	27
RES2169	45	43	47	46	47	40	35	< 20	29
RES2170	45	41	46	44	45	38	34	< 20	28
RES2171	45	50	53	51	53	51	54	< 20	< 20
RES2172	45	40	44	42	43	37	33	< 20	26
RES2173	45	40	45	43	44	38	33	< 20	27
RES2174	45	43	48	46	47	40	35	< 20	29
RES2175	45	41	46	44	45	38	34	< 20	27
RES2176	45	41	46	44	45	39	34	< 20	28
RES2177	45	42	46	44	45	39	34	< 20	28
RES2178	45	40	45	43	44	38	33	< 20	26
RES2179	45	39	44	42	43	37	33	< 20	26
RES2180	45	43	48	46	47	40	35	< 20	30
RES2181	45	41	45	43	45	38	34	< 20	27
RES2182	45	42	46	45	46	39	34	< 20	28
RES2183	45	45	49	47	49	47	50	< 20	< 20
RES2184	45	42	47	45	46	39	34	< 20	28
RES2185	45	40	45	43	44	38	33	< 20	26
RES2186	45	41	45	43	44	38	33	< 20	27
RES2187	45	41	46	44	45	39	34	< 20	27
RES2188	45	42	47	45	46	40	35	< 20	29
RES2189	45	39	44	42	43	37	33	< 20	26
RES2190	45	48	52	50	51	45	39	< 20	34
RES2191	45	41	46	44	45	39	34	< 20	28
RES2192	45	58	60	53	61	56	58	< 20	24
RES2193	45	40	45	43	44	38	33	< 20	27
RES2194	45	41	46	44	45	39	34	< 20	28
RES2195	45	43	47	45	46	40	35	< 20	29
RES2196	45	39	44	42	43	38	33	< 20	26
RES2197	45	41	46	44	45	39	34	< 20	28
RES2198	45	40	45	43	44	38	33	< 20	27

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2199	45	42	46	44	46	39	34	< 20	28
RES2200	45	41	45	43	44	39	34	< 20	27
RES2201	45	42	47	44	46	45	48	< 20	< 20
RES2202	45	47	51	50	51	46	39	< 20	34
RES2203	45	42	46	44	46	40	35	< 20	28
RES2204	45	42	47	45	46	40	35	< 20	28
RES2205	45	54	57	54	57	56	45	< 20	36
RES2206	45	40	45	43	44	38	33	< 20	26
RES2207	45	48	52	50	51	47	40	< 20	34
RES2208	45	41	46	44	45	39	34	< 20	28
RES2209	45	47	51	49	50	45	39	< 20	33
RES2210	45	48	52	50	52	47	40	< 20	34
RES2211	45	47	51	49	50	46	39	< 20	33
RES2212	45	46	50	48	50	45	39	< 20	32
RES2213	45	48	51	50	51	47	40	< 20	33
RES2214	45	46	50	49	50	46	39	< 20	32
RES2215	45	50	54	51	53	50	42	< 20	35
RES2216	45	47	51	49	50	46	40	< 20	33
RES2217	45	45	50	48	49	45	39	< 20	32
RES2218	45	48	52	50	52	48	41	< 20	34
RES2219	45	46	50	48	49	45	39	< 20	32
RES2220	45	46	50	49	50	46	39	< 20	32
RES2221	45	45	49	48	49	45	38	< 20	31
RES2222	45	52	55	52	55	54	45	< 20	34
RES2223	45	42	46	44	45	40	35	< 20	28
RES2224	45	50	53	51	53	51	43	< 20	34
RES2225	45	46	50	48	50	46	40	< 20	32
RES2226	45	45	49	48	49	45	39	< 20	31
RES2227	45	45	49	47	48	45	39	< 20	31
RES2228	45	49	53	50	53	51	43	< 20	34
RES2229	45	50	54	49	53	52	54	< 20	21
RES2230	45	46	50	48	49	46	39	< 20	32
RES2231	45	44	48	47	48	44	38	< 20	30
RES2232	45	50	53	49	53	51	54	< 20	22
RES2233	45	45	50	47	49	46	39	< 20	31
RES2234	45	49	53	49	53	51	53	< 20	21
RES2235	45	46	50	48	50	47	40	< 20	32
RES2236	45	44	48	46	48	44	38	< 20	30

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2237	45	44	48	47	48	44	38	< 20	30
RES2238	45	49	53	48	52	51	53	< 20	21
RES2239	45	49	53	48	53	51	53	< 20	21
RES2240	45	49	53	48	53	51	53	< 20	22
RES2241	45	45	49	47	48	45	39	< 20	31
RES2242	45	43	48	46	47	44	38	< 20	30
RES2243	45	49	53	48	52	51	53	< 20	22
RES2244	45	48	52	48	52	51	53	< 20	20
RES2245	45	48	52	48	52	51	53	< 20	20
RES2246	45	48	52	48	52	50	53	< 20	21
RES2247	45	49	53	49	53	52	50	< 20	28
RES2248	45	48	52	48	51	50	52	< 20	20
RES2249	45	48	52	48	52	50	53	< 20	21
RES2250	45	43	47	46	47	43	38	< 20	29
RES2251	45	48	52	48	51	50	52	< 20	20
RES2252	45	48	52	48	52	50	53	< 20	21
RES2253	45	43	48	46	47	44	38	< 20	30
RES2254	45	48	52	47	52	50	53	< 20	21
RES2255	45	42	47	45	46	43	38	< 20	29
RES2256	45	48	52	47	51	50	52	< 20	21
RES2257	45	43	47	45	47	44	38	< 20	29
RES2258	45	47	51	47	51	50	52	< 20	20
RES2259	45	47	51	47	51	50	52	< 20	20
RES2260	45	40	44	42	43	39	35	< 20	26
RES2261	45	48	52	47	51	50	52	< 20	21
RES2262	45	41	45	43	44	40	36	< 20	27
RES2263	45	40	44	42	44	39	35	< 20	26
RES2264	45	47	51	47	51	50	52	< 20	20
RES2265	45	47	51	47	50	49	52	< 20	20
RES2266	45	40	45	43	44	40	35	< 20	26
RES2267	45	48	52	48	52	51	49	< 20	27
RES2268	45	40	45	43	44	40	35	< 20	26
RES2269	45	47	51	47	50	49	51	< 20	< 20
RES2270	45	47	51	47	51	49	52	< 20	20
RES2271	45	47	51	47	51	49	52	< 20	21
RES2272	45	40	45	43	44	40	35	< 20	27
RES2273	45	41	45	43	44	41	36	< 20	27
RES2274	45	47	51	47	51	49	52	< 20	21

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2275	45	42	46	45	46	43	37	< 20	28
RES2276	45	47	51	47	51	49	52	< 20	20
RES2277	45	46	50	47	50	49	51	< 20	< 20
RES2278	45	42	47	45	46	43	38	< 20	29
RES2279	45	48	52	48	51	50	49	< 20	27
RES2280	45	47	51	47	50	49	52	< 20	20
RES2281	45	46	50	46	50	49	51	< 20	< 20
RES2282	45	47	51	47	50	49	52	< 20	20
RES2283	45	47	51	46	50	49	52	< 20	21
RES2284	45	40	45	43	44	40	36	< 20	27
RES2285	45	46	50	46	49	49	51	< 20	< 20
RES2286	45	46	50	47	50	49	51	< 20	20
RES2287	45	46	50	46	50	49	51	< 20	20
RES2288	45	46	50	46	50	49	51	< 20	20
RES2289	45	43	47	45	47	44	38	< 20	29
RES2290	45	42	47	45	46	43	38	< 20	28
RES2291	45	46	50	46	49	48	51	< 20	< 20
RES2292	45	47	51	46	50	49	51	< 20	21
RES2293	45	42	46	44	45	43	37	< 20	28
RES2294	45	46	50	46	50	49	51	< 20	< 20
RES2295	45	45	50	46	49	48	50	< 20	< 20
RES2296	45	46	50	46	50	49	51	< 20	20
RES2297	45	45	49	46	49	48	50	< 20	< 20
RES2298	45	40	45	43	44	40	36	< 20	26
RES2299	45	46	50	46	49	48	51	< 20	< 20
RES2300	45	42	46	44	46	43	38	< 20	28
RES2301	45	45	49	46	49	48	50	< 20	< 20
RES2302	45	46	50	46	50	48	51	< 20	20
RES2303	45	46	50	46	49	48	51	< 20	20
RES2304	45	46	50	46	50	48	51	< 20	21
RES2305	45	46	50	46	49	48	51	< 20	20
RES2306	45	45	50	46	49	48	50	< 20	< 20
RES2307	45	46	50	46	49	48	51	< 20	20
RES2308	45	45	49	46	49	48	50	< 20	< 20
RES2309	45	43	47	44	47	46	48	< 20	< 20
RES2310	45	46	50	46	50	48	51	< 20	21
RES2311	45	44	49	45	48	47	50	< 20	< 20
RES2312	45	46	50	46	49	48	51	< 20	20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2313	45	45	49	45	49	48	50	< 20	< 20
RES2314	45	44	49	45	48	47	50	< 20	< 20
RES2315	45	41	45	43	45	42	37	< 20	27
RES2316	45	46	50	47	50	49	44	< 20	29
RES2317	45	44	48	45	48	47	49	< 20	< 20
RES2318	45	45	49	45	49	48	50	< 20	< 20
RES2319	45	45	49	45	49	48	50	< 20	20
RES2320	45	45	49	45	48	48	50	< 20	< 20
RES2321	45	45	49	45	49	48	50	< 20	20
RES2322	45	41	46	44	45	43	28	< 20	28
RES2323	45	44	49	45	48	47	50	< 20	< 20
RES2324	45	45	50	45	49	48	50	< 20	21
RES2325	45	45	49	45	49	48	50	< 20	< 20
RES2326	45	44	49	45	48	47	50	< 20	< 20
RES2327	45	44	48	45	47	47	49	< 20	< 20
RES2328	45	45	49	45	48	47	50	< 20	< 20
RES2329	45	45	49	45	49	48	50	< 20	20
RES2330	45	45	49	45	49	48	50	< 20	20
RES2331	45	45	49	45	49	47	50	< 20	20
RES2332	45	45	49	45	48	47	50	< 20	< 20
RES2333	45	44	48	45	48	47	49	< 20	< 20
RES2334	45	44	48	45	48	47	49	< 20	< 20
RES2335	45	44	48	45	48	47	49	< 20	< 20
RES2336	45	44	49	45	48	47	50	< 20	< 20
RES2337	45	40	45	43	44	42	37	< 20	27
RES2338	45	45	49	45	49	47	50	< 20	21
RES2339	45	44	49	45	48	47	50	< 20	< 20
RES2340	45	41	45	42	44	44	47	< 20	< 20
RES2341	45	44	48	45	48	47	49	< 20	< 20
RES2342	45	43	48	44	47	46	49	< 20	< 20
RES2343	45	45	50	47	49	48	46	< 20	27
RES2344	45	44	49	45	48	47	50	< 20	< 20
RES2345	45	44	49	45	48	47	50	< 20	20
RES2346	45	41	45	43	44	42	37	< 20	27
RES2347	45	43	47	44	47	46	48	< 20	< 20
RES2348	45	44	49	45	48	47	50	< 20	< 20
RES2349	45	41	45	42	44	44	46	< 20	< 20
RES2350	45	43	47	44	47	46	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2351	45	45	49	45	48	47	50	< 20	< 20
RES2352	45	44	48	45	48	47	49	< 20	< 20
RES2353	45	44	48	45	48	47	49	< 20	< 20
RES2354	45	43	48	44	47	46	49	< 20	< 20
RES2355	45	43	47	44	47	46	48	< 20	< 20
RES2356	45	40	45	43	44	42	37	< 20	26
RES2357	45	43	47	44	46	46	48	< 20	< 20
RES2358	45	44	48	45	48	47	49	< 20	< 20
RES2359	45	40	45	42	44	44	46	< 20	< 20
RES2360	45	44	49	45	48	47	50	< 20	20
RES2361	45	44	48	44	47	47	49	< 20	< 20
RES2362	45	42	47	44	46	44	39	< 20	28
RES2363	45	44	49	44	48	47	50	< 20	20
RES2364	45	43	48	44	47	46	49	< 20	< 20
RES2365	45	44	49	44	48	47	50	< 20	< 20
RES2366	45	40	45	43	44	42	37	< 20	27
RES2367	45	43	47	44	47	46	48	< 20	< 20
RES2368	45	44	48	44	48	47	49	< 20	< 20
RES2369	45	43	48	44	47	46	49	< 20	< 20
RES2370	45	44	48	45	48	47	49	< 20	< 20
RES2371	45	42	47	44	46	46	48	< 20	< 20
RES2372	45	42	47	43	46	45	48	< 20	< 20
RES2373	45	44	48	44	48	47	49	< 20	20
RES2374	45	43	48	44	47	46	49	< 20	< 20
RES2375	45	42	46	43	46	45	48	< 20	< 20
RES2376	45	44	49	44	48	46	49	< 20	< 20
RES2377	45	44	48	44	47	46	49	< 20	< 20
RES2378	45	42	47	43	46	45	48	< 20	< 20
RES2379	45	43	47	44	46	46	48	< 20	< 20
RES2380	45	42	47	43	46	46	48	< 20	< 20
RES2381	45	42	47	43	46	46	48	< 20	< 20
RES2382	45	44	48	44	47	47	49	< 20	20
RES2383	45	43	48	44	47	46	49	< 20	< 20
RES2384	45	40	45	42	44	44	46	< 20	< 20
RES2385	45	44	48	44	47	46	49	< 20	< 20
RES2386	45	44	48	44	47	47	49	< 20	< 20
RES2387	45	40	45	42	44	44	46	< 20	< 20
RES2388	45	40	45	43	44	42	26	< 20	26

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2389	45	40	45	41	44	43	46	< 20	< 20
RES2390	45	43	48	44	47	46	49	< 20	< 20
RES2391	45	44	48	44	48	46	49	< 20	< 20
RES2392	45	43	48	44	47	46	49	< 20	< 20
RES2393	45	42	47	43	46	46	48	< 20	< 20
RES2394	45	44	48	44	47	46	49	< 20	< 20
RES2395	45	43	47	44	47	46	49	< 20	< 20
RES2396	45	43	48	44	47	46	49	< 20	< 20
RES2397	45	43	47	44	47	46	48	< 20	< 20
RES2398	45	40	44	41	43	43	46	< 20	< 20
RES2399	45	41	46	43	45	45	47	< 20	< 20
RES2400	45	44	49	46	48	47	45	< 20	27
RES2401	45	39	44	42	43	41	37	< 20	26
RES2402	45	43	48	44	47	46	49	< 20	< 20
RES2403	45	42	47	43	46	45	48	< 20	< 20
RES2404	45	43	47	44	47	46	49	< 20	< 20
RES2405	45	42	46	43	46	45	48	< 20	< 20
RES2406	45	42	46	43	45	45	47	< 20	< 20
RES2407	45	42	46	43	46	45	47	< 20	< 20
RES2408	45	41	46	42	45	44	47	< 20	< 20
RES2409	45	41	46	43	45	45	47	< 20	< 20
RES2410	45	42	46	43	46	45	47	< 20	< 20
RES2411	45	43	48	44	47	46	49	< 20	< 20
RES2412	45	43	47	44	46	46	48	< 20	< 20
RES2413	45	43	47	44	47	46	49	< 20	< 20
RES2414	45	44	48	44	47	46	49	< 20	< 20
RES2415	45	24	28	23	28	26	28	< 20	< 20
RES2416	45	24	28	23	28	26	28	< 20	< 20
RES2417	45	41	46	43	45	45	47	< 20	< 20
RES2418	45	43	47	44	47	46	48	< 20	< 20
RES2419	45	24	28	23	28	25	28	< 20	< 20
RES2420	45	41	46	42	45	44	47	< 20	< 20
RES2421	45	43	47	43	46	46	48	< 20	< 20
RES2422	45	39	44	41	43	43	46	< 20	< 20
RES2423	45	40	44	41	44	43	46	< 20	< 20
RES2424	45	43	48	44	47	46	49	< 20	< 20
RES2425	45	43	47	44	47	46	49	< 20	< 20
RES2426	45	43	47	43	46	46	48	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2427	45	43	48	43	47	46	49	< 20	< 20
RES2428	45	41	46	43	45	45	47	< 20	< 20
RES2429	45	40	44	41	43	43	46	< 20	< 20
RES2430	45	43	47	43	47	46	49	< 20	< 20
RES2431	45	43	48	43	47	46	49	< 20	< 20
RES2432	45	43	47	43	46	46	48	< 20	< 20
RES2433	45	43	47	43	46	46	48	< 20	< 20
RES2434	45	41	46	42	45	45	47	< 20	< 20
RES2435	45	43	47	43	47	46	48	< 20	< 20
RES2436	45	41	46	42	45	44	47	< 20	< 20
RES2437	45	42	46	43	45	45	47	< 20	< 20
RES2438	45	23	28	23	27	25	28	< 20	< 20
RES2439	45	41	46	43	45	45	47	< 20	< 20
RES2440	45	41	46	43	45	45	47	< 20	< 20
RES2441	45	42	47	43	46	45	48	< 20	< 20
RES2442	45	40	45	42	44	44	46	< 20	< 20
RES2443	45	23	28	23	27	25	28	< 20	< 20
RES2444	45	41	46	43	45	45	47	< 20	< 20
RES2445	45	41	46	42	45	44	47	< 20	< 20
RES2446	45	41	46	42	45	45	47	< 20	< 20
RES2447	45	43	47	43	46	45	48	< 20	< 20
RES2448	45	42	47	43	46	45	48	< 20	< 20
RES2449	45	43	47	43	46	45	48	< 20	< 20
RES2450	45	43	47	43	47	45	48	< 20	< 20
RES2451	45	42	47	43	46	45	48	< 20	< 20
RES2452	45	40	45	42	44	44	46	< 20	< 20
RES2453	45	43	47	43	46	45	48	< 20	< 20
RES2454	45	42	47	43	46	45	48	< 20	< 20
RES2455	45	42	47	43	46	45	48	< 20	< 20
RES2456	45	41	46	42	45	44	47	< 20	< 20
RES2457	45	41	46	42	45	44	47	< 20	< 20
RES2458	45	39	44	41	43	43	45	< 20	< 20
RES2459	45	41	46	42	45	44	47	< 20	< 20
RES2460	45	23	27	22	27	25	28	< 20	< 20
RES2461	45	42	46	43	46	45	48	< 20	< 20
RES2462	45	43	47	43	46	45	48	< 20	< 20
RES2463	45	23	27	22	27	25	27	< 20	< 20
RES2464	45	41	45	42	45	44	47	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2465	45	23	27	22	27	25	28	< 20	< 20
RES2466	45	41	45	42	45	44	47	< 20	< 20
RES2467	45	41	45	42	44	44	46	< 20	< 20
RES2468	45	42	47	43	46	45	48	< 20	< 20
RES2469	45	41	45	42	44	44	46	< 20	< 20
RES2470	45	41	45	42	45	44	47	< 20	< 20
RES2471	45	42	46	43	46	45	48	< 20	< 20
RES2472	45	39	44	42	43	41	45	< 20	< 20
RES2473	45	42	47	43	46	45	48	< 20	< 20
RES2474	45	34	39	34	38	35	39	< 20	< 20
RES2475	45	42	47	43	46	45	48	< 20	< 20
RES2476	45	41	45	42	44	44	47	< 20	< 20
RES2477	45	42	47	42	46	45	48	< 20	< 20
RES2478	45	23	27	22	26	24	28	< 20	< 20
RES2479	45	40	45	42	44	44	46	< 20	< 20
RES2480	45	42	46	43	46	45	48	< 20	< 20
RES2481	45	39	43	41	43	37	41	< 20	< 20
RES2482	45	40	45	42	44	44	46	< 20	< 20
RES2483	45	40	45	41	44	43	46	< 20	< 20
RES2484	45	42	47	42	46	45	48	< 20	< 20
RES2485	45	23	27	22	26	25	27	< 20	< 20
RES2486	45	42	46	43	46	45	48	< 20	< 20
RES2487	45	42	47	42	46	45	48	< 20	< 20
RES2488	45	42	46	42	46	44	48	< 20	< 20
RES2489	45	22	27	22	26	24	27	< 20	< 20
RES2490	45	40	45	42	44	44	46	< 20	< 20
RES2491	45	41	46	42	45	45	47	< 20	< 20
RES2492	45	42	47	42	46	45	48	< 20	< 20
RES2493	45	42	46	42	46	44	48	< 20	< 20
RES2494	45	42	46	42	46	45	48	< 20	< 20
RES2495	45	22	27	22	26	24	27	< 20	< 20
RES2496	45	41	46	42	45	44	47	< 20	< 20
RES2497	45	41	46	42	45	44	47	< 20	< 20
RES2498	45	22	27	22	26	24	27	< 20	< 20
RES2499	45	40	45	42	44	44	46	< 20	< 20
RES2500	45	23	29	25	27	27	29	< 20	< 20
RES2501	45	40	45	42	44	44	46	< 20	< 20
RES2502	45	42	46	42	46	44	47	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2503	45	40	45	42	44	44	46	< 20	< 20
RES2504	45	22	27	22	26	25	27	< 20	< 20
RES2505	45	40	45	42	44	44	46	< 20	< 20
RES2506	45	40	45	41	44	43	46	< 20	< 20
RES2507	45	33	37	34	37	35	39	< 20	< 20
RES2508	45	40	45	42	44	44	46	< 20	< 20
RES2509	45	40	45	41	44	44	46	< 20	< 20
RES2510	45	42	46	42	46	44	47	< 20	< 20
RES2511	45	22	27	22	26	24	27	< 20	< 20
RES2512	45	42	46	42	45	44	47	< 20	< 20
RES2513	45	42	46	42	46	44	47	< 20	< 20
RES2514	45	22	27	22	26	24	27	< 20	< 20
RES2515	45	39	44	41	43	43	45	< 20	< 20
RES2516	45	41	46	42	45	44	47	< 20	< 20
RES2517	45	40	44	41	44	43	46	< 20	< 20
RES2518	45	41	46	42	45	44	47	< 20	< 20
RES2519	45	39	44	41	43	43	46	< 20	< 20
RES2520	45	41	45	42	45	44	47	< 20	< 20
RES2521	45	41	46	42	45	44	47	< 20	< 20
RES2522	45	22	26	21	26	24	27	< 20	< 20
RES2523	45	41	46	42	45	44	47	< 20	< 20
RES2524	45	41	46	42	45	44	47	< 20	< 20
RES2525	45	41	46	42	45	44	47	< 20	< 20
RES2526	45	40	45	41	44	43	46	< 20	< 20
RES2527	45	41	46	42	45	44	47	< 20	< 20
RES2528	45	22	26	21	26	24	27	< 20	< 20
RES2529	45	40	45	41	44	43	46	< 20	< 20
RES2530	45	40	45	41	44	43	46	< 20	< 20
RES2531	45	40	45	41	44	43	46	< 20	< 20
RES2532	45	41	45	42	45	44	47	< 20	< 20
RES2533	45	22	26	22	25	24	27	< 20	< 20
RES2534	45	40	44	41	44	43	46	< 20	< 20
RES2535	45	41	46	41	45	43	47	< 20	< 20
RES2536	45	40	44	41	44	43	46	< 20	< 20
RES2537	45	41	45	42	45	44	47	< 20	< 20
RES2538	45	40	45	41	44	43	47	< 20	< 20
RES2539	45	41	46	42	45	44	47	< 20	< 20
RES2540	45	22	26	22	25	25	27	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2541	45	41	45	42	44	44	47	< 20	< 20
RES2542	45	41	45	42	44	44	47	< 20	< 20
RES2543	45	41	46	42	45	44	47	< 20	< 20
RES2544	45	22	27	23	25	26	27	< 20	< 20
RES2545	45	22	26	21	25	24	27	< 20	< 20
RES2546	45	41	45	42	44	44	47	< 20	< 20
RES2547	45	21	26	21	25	24	27	< 20	< 20
RES2548	45	22	26	21	25	24	26	< 20	< 20
RES2549	45	24	29	24	28	27	28	< 20	< 20
RES2550	45	39	44	41	43	43	46	< 20	< 20
RES2551	45	41	45	41	44	43	47	< 20	< 20
RES2552	45	41	45	42	44	44	47	< 20	< 20
RES2553	45	40	45	41	44	44	46	< 20	< 20
RES2554	45	40	45	41	44	44	46	< 20	< 20
RES2555	45	21	26	21	25	24	26	< 20	< 20
RES2556	45	41	45	41	45	43	47	< 20	< 20
RES2557	45	21	26	21	25	23	26	< 20	< 20
RES2558	45	38	42	40	42	39	44	< 20	< 20
RES2559	45	30	35	33	34	33	35	< 20	< 20
RES2560	45	41	45	41	44	44	47	< 20	< 20
RES2561	45	40	45	41	44	43	46	< 20	< 20
RES2562	45	40	45	41	44	43	46	< 20	< 20
RES2563	45	40	45	41	44	44	47	< 20	< 20
RES2564	45	40	44	41	44	43	46	< 20	< 20
RES2565	45	40	45	42	44	44	46	< 20	< 20
RES2566	45	41	45	41	45	43	47	< 20	< 20
RES2567	45	21	26	21	25	24	26	< 20	< 20
RES2568	45	40	45	41	44	43	46	< 20	< 20
RES2569	45	40	45	41	44	43	46	< 20	< 20
RES2570	45	40	45	41	44	43	46	< 20	< 20
RES2571	45	21	26	22	25	24	25	< 20	< 20
RES2572	45	40	45	41	44	43	46	< 20	< 20
RES2573	45	28	33	31	32	32	34	< 20	< 20
RES2574	45	21	26	21	25	24	26	< 20	< 20
RES2575	45	40	45	41	44	43	46	< 20	< 20
RES2576	45	37	42	40	41	35	40	< 20	< 20
RES2577	45	39	44	41	43	43	46	< 20	< 20
RES2578	45	41	45	41	44	43	46	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2579	45	40	45	41	44	43	46	< 20	< 20
RES2580	45	21	26	22	25	25	26	< 20	< 20
RES2581	45	39	44	41	43	43	45	< 20	< 20
RES2582	45	39	44	41	43	43	45	< 20	< 20
RES2583	45	40	45	41	44	43	46	< 20	< 20
RES2584	45	39	43	41	43	42	46	< 20	< 20
RES2585	45	40	45	41	44	43	46	< 20	< 20
RES2586	45	40	45	41	44	43	46	< 20	< 20
RES2587	45	21	25	21	25	23	26	< 20	< 20
RES2588	45	40	45	41	44	43	46	< 20	< 20
RES2589	45	37	41	39	41	35	38	< 20	< 20
RES2590	45	30	35	33	34	34	36	< 20	< 20
RES2591	45	21	25	21	25	23	26	< 20	< 20
RES2592	45	40	45	41	44	43	46	< 20	< 20
RES2593	45	40	45	41	44	43	46	< 20	< 20
RES2594	45	40	45	41	44	43	46	< 20	< 20
RES2595	45	21	25	21	24	23	26	< 20	< 20
RES2596	45	38	43	41	42	41	45	< 20	< 20
RES2597	45	40	45	41	44	43	46	< 20	< 20
RES2598	45	21	25	21	24	24	26	< 20	< 20
RES2599	45	40	44	41	44	43	46	< 20	< 20
RES2600	45	23	28	23	26	26	26	< 20	< 20
RES2601	45	40	44	41	44	43	46	< 20	< 20
RES2602	45	40	44	41	44	43	46	< 20	< 20
RES2603	45	40	45	41	44	43	46	< 20	< 20
RES2604	45	37	41	39	40	35	38	< 20	< 20
RES2605	45	21	25	21	24	23	26	< 20	< 20
RES2606	45	40	44	41	43	43	46	< 20	< 20
RES2607	45	38	43	40	42	41	45	< 20	< 20
RES2608	45	20	25	20	24	23	26	< 20	< 20
RES2609	45	20	25	22	24	23	21	< 20	< 20
RES2610	45	40	44	41	44	43	46	< 20	< 20
RES2611	45	40	44	40	44	42	46	< 20	< 20
RES2612	45	34	38	33	38	34	38	< 20	< 20
RES2613	45	31	36	33	35	34	38	< 20	< 20
RES2614	45	40	44	41	43	43	46	< 20	< 20
RES2615	45	40	44	40	44	43	46	< 20	< 20
RES2616	45	20	25	20	24	23	25	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RES2617	45	20	25	21	24	23	26	< 20	< 20
RES2618	45	20	25	20	24	23	25	< 20	< 20
RES2619	45	38	42	40	41	40	45	< 20	< 20
RES2620	45	36	41	33	40	34	38	< 20	< 20
RES2621	45	26	31	23	30	28	26	< 20	< 20
RES2622	45	39	44	40	43	42	46	< 20	< 20
RES2623	45	39	44	40	43	42	46	< 20	< 20
RES2624	45	20	25	20	24	23	25	< 20	< 20
RES2625	45	20	25	20	24	23	25	< 20	< 20
RES2626	45	39	44	40	43	42	46	< 20	< 20
RES2627	45	30	35	33	34	34	30	< 20	< 20
RES2628	45	37	41	39	41	34	38	< 20	< 20
RES2629	45	32	37	33	36	34	38	< 20	< 20
RES2630	45	20	25	21	24	23	25	< 20	< 20
RES2631	45	39	44	40	43	42	45	< 20	< 20
RES2632	45	39	44	40	43	42	45	< 20	< 20
RES2633	45	20	25	20	24	22	25	< 20	< 20
RES2634	45	20	25	20	24	22	25	< 20	< 20
RES2635	45	34	39	33	38	34	38	< 20	< 20
RES2636	45	37	42	40	41	40	44	< 20	< 20
RES2637	45	37	42	40	41	41	45	< 20	< 20
RES2638	45	36	40	33	39	34	38	< 20	< 20
RES2639	45	24	29	20	28	22	25	< 20	< 20
RES2640	45	20	24	20	23	22	25	< 20	< 20
RES2641	45	32	37	33	36	34	37	< 20	< 20
RET0001	45	83	85	70	86	89	62	< 20	< 20
RET0002	45	-*	-*	70	-*	84	62	< 20	< 20
RET0003	45	80	81	66	82	73	60	< 20	< 20
RET0004	45	78	79	65	80	71	60	< 20	< 20
RET0005	45	-*	-*	69	-*	80	61	< 20	< 20
RET0006	45	-*	-*	68	-*	78	61	< 20	< 20
RET0007	45	79	81	59	82	74	56	< 20	< 20
RET0008	45	36	41	38	40	45	42	< 20	< 20
RET0009	45	36	41	38	40	44	42	< 20	< 20
RET0010	45	35	40	38	39	44	41	< 20	< 20
RET0011	45	78	79	56	80	78	57	41	< 20
RET0012	45	49	53	50	52	50	53	< 20	< 20
RET0013	45	47	51	48	51	50	52	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RET0014	45	48	52	49	51	50	52	< 20	< 20
RET0015	45	47	51	48	51	50	52	< 20	< 20
RET0016	45	45	49	47	49	48	50	< 20	< 20
RET0017	45	47	51	48	50	49	52	< 20	< 20
RET0018	45	47	51	48	50	49	52	< 20	< 20
RET0019	45	49	53	50	53	52	54	< 20	< 20
RET0020	45	47	51	48	50	49	52	< 20	< 20
RET0021	45	47	51	48	50	49	52	< 20	< 20
RET0022	45	47	51	48	50	49	52	< 20	< 20
RET0023	45	47	51	48	50	49	52	< 20	< 20
RET0024	45	47	51	48	50	49	52	< 20	< 20
RET0025	45	46	50	48	50	49	51	< 20	< 20
RET0026	45	48	52	49	52	51	53	< 20	< 20
RET0027	45	47	51	48	50	49	52	< 20	< 20
RET0028	45	46	50	48	49	48	51	< 20	< 20
RET0029	45	47	51	48	50	49	52	< 20	< 20
RET0030	45	47	51	48	50	49	52	< 20	< 20
RET0031	45	46	50	48	49	48	51	< 20	< 20
RET0032	45	46	50	48	50	49	51	< 20	< 20
RET0033	45	46	50	48	50	49	51	< 20	< 20
RET0034	45	46	50	48	50	49	51	< 20	< 20
RET0035	45	46	50	48	50	48	51	< 20	< 20
RET0036	45	46	50	48	50	48	51	< 20	< 20
RET0037	45	46	50	48	50	48	51	< 20	< 20
RET0038	45	46	50	48	49	48	50	< 20	< 20
RET0039	45	46	50	48	50	48	51	< 20	< 20
RET0040	45	46	50	48	49	48	50	< 20	< 20
RET0041	45	47	51	49	51	49	51	< 20	< 20
RET0042	45	46	50	48	49	48	50	< 20	< 20
RET0043	45	47	51	49	50	49	51	< 20	< 20
RET0044	45	47	51	49	50	49	51	< 20	< 20
RET0045	45	47	51	49	50	49	51	< 20	< 20
RET0046	45	47	51	49	50	49	51	< 20	< 20
RET0047	45	47	51	49	50	49	51	< 20	< 20
RET0048	45	48	51	49	51	50	52	< 20	< 20
RET0049	45	46	50	48	49	48	50	< 20	< 20
RET0050	45	46	50	49	50	48	51	< 20	< 20
RET0051	45	47	51	49	50	49	51	< 20	< 20

Receptor ID	Non-standard hours								
	Criteria, dB(A)	Façade Corrected $L_{A,eq}$, dB(A)							
		Drainage Works	Earthw orks	Site setup/ laydow n	Rail Civ il Works	Road Civ il Works	Structures	Concrete Batching	Flash-butt welding
RET0052	45	47	51	49	50	49	51	< 20	< 20
RET0053	45	47	51	49	50	49	51	< 20	< 20
RET0054	45	47	51	49	51	49	51	< 20	< 20
RET0055	45	47	51	50	51	49	51	< 20	< 20
RET0056	45	41	46	42	45	42	33	< 20	< 20
RET0057	45	41	45	42	45	42	33	< 20	< 20
RET0058	45	41	46	42	45	42	33	< 20	< 20
RET0059	45	74	75	77	76	49	47	< 20	< 20
RET0060	45	49	53	51	53	52	53	< 20	< 20
RET0061	45	40	45	42	44	43	46	< 20	< 20
SPO0001	45	39	44	42	43	43	45	< 20	< 20
SPO0002	45	41	45	41	45	44	43	< 20	< 20
SPO0003	45	40	44	41	44	47	45	< 20	< 20
SPO0004	45	39	44	40	43	46	44	< 20	< 20
SPO0005	45	35	40	38	39	44	42	< 20	< 20
SPO0006	45	33	39	36	37	43	40	< 20	< 20
SPO0007	45	40	45	43	44	43	46	< 20	< 20
SPO0008	45	43	47	45	46	46	49	< 20	< 20
SPO0009	45	46	50	47	49	48	51	< 20	< 20
SPO0010	45	43	47	46	47	45	48	< 20	< 20
SPO0011	45	46	50	48	50	49	51	< 20	< 20
SPO0012	45	63	65	64	66	60	57	< 20	< 20

Construction Vibration Impacts

Specific locations of construction plant are not currently known. The construction vibration impact assessment utilizes areas within which construction works are planned. The presented impacts are representative of a worst-case scenario for each sensitive receptor, during which the construction activity occurs at the point within the construction area which is closest to the receptor. The presented impacts are not representative of typical or ongoing vibration levels.

*Receptor is located in the area within which construction equipment is expected to operate. Vibration impacts are not able to be accurately predicted due to the nature of the modelling methodology.

Exceedances are coloured to match the highest criterion which they exceed.

Construction vibration impacts on non-heritage structures

		Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
Type	Receptor ID	Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
COM	COM0001	-	-	1	2	5	0.023	0.058	0.013	0.036	0.008	0.024	0.005	0.015
COM	COM0002	-	-	1	2	5	0.019	0.048	0.007	0.021	0.006	0.019	0.011	0.031
COM	COM0003	-	-	1	2	5	0.018	0.045	0.006	0.019	0.006	0.018	0.010	0.029
COM	COM0004	-	-	1	2	5	0.027	0.068	0.018	0.048	0.011	0.032	0.018	0.048
COM	COM0005	-	-	1	2	5	0.039	0.102	0.015	0.042	0.014	0.038	0.015	0.042
COM	COM0006	-	-	1	2	5	0.038	0.101	0.015	0.042	0.014	0.039	0.015	0.042
COM	COM0007	-	-	1	2	5	0.037	0.096	0.015	0.041	0.014	0.039	0.014	0.039
COM	COM0008	-	-	1	2	5	0.045	0.119	0.018	0.050	0.016	0.045	0.018	0.050
COM	COM0009	-	-	1	2	5	0.050	0.135	0.021	0.057	0.019	0.051	0.021	0.057
COM	COM0010	-	-	1	2	5	0.053	0.142	0.023	0.060	0.020	0.053	0.023	0.060
COM	COM0011	-	-	1	2	5	0.063	0.172	0.029	0.074	0.025	0.065	0.029	0.074
COM	COM0012	-	-	1	2	5	0.015	0.036	0.010	0.030	0.008	0.025	0.010	0.028
COM	COM0013	-	-	1	2	5	0.010	0.023	0.011	0.032	0.008	0.025	0.011	0.032

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
EDU	EDU0001	-	-	0.3	1	5	0.021	0.052	0.012	0.035	0.007	0.022	0.005	0.015
EDU	EDU0002	-	-	0.3	1	5	0.117	0.336	0.301	0.560	0.117	0.247	0.249	0.475
EDU	EDU0003	-	-	0.3	1	5	0.118	0.338	2.839	3.913	0.083	0.183	2.839	3.913
EDU	EDU0004	-	-	0.3	1	5	0.035	0.090	0.013	0.037	0.012	0.036	0.013	0.037
EDU	EDU0005	-	-	0.3	1	5	0.040	0.105	0.016	0.043	0.014	0.040	0.016	0.043
EDU	EDU0006	-	-	0.3	1	5	0.045	0.120	0.019	0.050	0.017	0.046	0.019	0.050
EDU	EDU0007	-	-	0.3	1	5	0.043	0.115	0.019	0.050	0.018	0.048	0.018	0.048
EDU	EDU0008	-	-	0.3	1	5	0.049	0.130	0.022	0.057	0.020	0.052	0.022	0.057
EDU	EDU0009	-	-	0.3	1	5	0.014	0.034	0.029	0.075	0.024	0.064	0.013	0.036
HOT	HOT0001	0.3	1	1	2	5	0.020	0.049	0.007	0.021	0.006	0.020	0.011	0.032
HOT	HOT0002	0.3	1	1	2	5	0.051	0.137	0.022	0.058	0.019	0.052	0.022	0.058
HOT	HOT0003	0.3	1	1	2	5	0.297	0.918	0.362	0.657	0.181	0.361	0.259	0.491
HOT	HOT0004	0.3	1	1	2	5	0.014	0.034	0.011	0.031	0.009	0.027	0.009	0.027
HOT	HOT0005	0.3	1	1	2	5	0.031	0.079	0.012	0.033	0.010	0.029	0.012	0.033
IND	IND0001	-	-	1	2	20	0.029	0.074	0.010	0.030	0.010	0.030	0.022	0.057
IND	IND0002	-	-	1	2	20	0.027	0.069	0.010	0.028	0.010	0.028	0.023	0.060
IND	IND0003	-	-	1	2	20	0.025	0.063	0.009	0.026	0.009	0.026	0.022	0.058
IND	IND0004	-	-	1	2	20	0.024	0.061	0.009	0.026	0.008	0.025	0.022	0.058
IND	IND0005	-	-	1	2	20	0.026	0.066	0.009	0.027	0.009	0.027	0.021	0.055
IND	IND0006	-	-	1	2	20	0.024	0.062	0.008	0.025	0.008	0.025	0.020	0.053
IND	IND0007	-	-	1	2	20	0.024	0.062	0.008	0.025	0.008	0.025	0.020	0.053
IND	IND0008	-	-	1	2	20	0.025	0.063	0.009	0.026	0.009	0.026	0.020	0.053
IND	IND0009	-	-	1	2	20	0.024	0.059	0.008	0.025	0.008	0.024	0.020	0.052
IND	IND0010	-	-	1	2	20	0.023	0.059	0.008	0.024	0.008	0.024	0.019	0.050

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
IND	IND0011	-	-	1	2	20	0.023	0.058	0.008	0.024	0.008	0.024	0.019	0.051
IND	IND0012	-	-	1	2	20	0.023	0.058	0.008	0.024	0.008	0.024	0.019	0.050
IND	IND0013	-	-	1	2	20	0.025	0.063	0.009	0.025	0.009	0.025	0.018	0.049
IND	IND0014	-	-	1	2	20	0.023	0.059	0.008	0.024	0.008	0.024	0.018	0.049
IND	IND0015	-	-	1	2	20	0.024	0.062	0.008	0.025	0.008	0.025	0.018	0.049
IND	IND0016	-	-	1	2	20	0.022	0.055	0.008	0.023	0.007	0.023	0.019	0.050
IND	IND0017	-	-	1	2	20	0.023	0.057	0.008	0.024	0.008	0.023	0.018	0.048
IND	IND0018	-	-	1	2	20	0.021	0.053	0.007	0.022	0.007	0.021	0.018	0.048
IND	IND0019	-	-	1	2	20	0.023	0.059	0.008	0.024	0.008	0.024	0.017	0.047
IND	IND0020	-	-	1	2	20	0.021	0.052	0.007	0.022	0.007	0.021	0.017	0.047
IND	IND0021	-	-	1	2	20	0.023	0.058	0.008	0.024	0.008	0.024	0.017	0.046
IND	IND0022	-	-	1	2	20	0.024	0.060	0.008	0.024	0.008	0.024	0.016	0.045
IND	IND0023	-	-	1	2	20	0.023	0.059	0.008	0.024	0.008	0.024	0.016	0.045
IND	IND0024	-	-	1	2	20	0.023	0.058	0.008	0.024	0.008	0.024	0.016	0.045
IND	IND0025	-	-	1	2	20	0.023	0.057	0.008	0.023	0.008	0.023	0.016	0.044
IND	IND0026	-	-	1	2	20	0.023	0.059	0.008	0.024	0.008	0.024	0.016	0.044
IND	IND0027	-	-	1	2	20	0.022	0.056	0.008	0.023	0.008	0.023	0.016	0.044
IND	IND0028	-	-	1	2	20	0.022	0.055	0.007	0.022	0.007	0.022	0.016	0.043
IND	IND0029	-	-	1	2	20	0.020	0.051	0.007	0.021	0.007	0.021	0.013	0.036
IND	IND0030	-	-	1	2	20	0.021	0.053	0.007	0.022	0.007	0.021	0.013	0.036
IND	IND0031	-	-	1	2	20	0.020	0.049	0.006	0.020	0.006	0.020	0.011	0.033
IND	IND0032	-	-	1	2	20	0.019	0.047	0.007	0.021	0.006	0.019	0.010	0.030
IND	IND0033	-	-	1	2	20	0.019	0.046	0.006	0.020	0.006	0.018	0.010	0.029
IND	IND0034	-	-	1	2	20	0.025	0.062	0.810	1.320	0.015	0.041	0.014	0.039

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
IND	IND0035	-	-	1	2	20	0.018	0.044	0.033	0.081	0.015	0.040	0.033	0.081
IND	IND0036	-	-	1	2	20	0.017	0.041	0.035	0.086	0.012	0.035	0.035	0.086
IND	IND0037	-	-	1	2	20	0.036	0.095	0.014	0.040	0.013	0.037	0.014	0.039
IND	IND0038	-	-	1	2	20	0.038	0.101	0.016	0.044	0.016	0.043	0.015	0.042
IND	IND0039	-	-	1	2	20	0.037	0.098	0.015	0.041	0.014	0.039	0.015	0.040
IND	IND0040	-	-	1	2	20	0.040	0.105	0.017	0.046	0.016	0.044	0.016	0.044
IND	IND0041	-	-	1	2	20	0.042	0.110	0.024	0.062	0.023	0.061	0.017	0.046
IND	IND0042	-	-	1	2	20	0.041	0.109	0.018	0.048	0.017	0.046	0.017	0.046
IND	IND0043	-	-	1	2	20	0.042	0.112	0.024	0.062	0.024	0.062	0.017	0.047
IND	IND0044	-	-	1	2	20	0.042	0.110	0.018	0.048	0.016	0.045	0.017	0.046
IND	IND0045	-	-	1	2	20	0.043	0.115	0.024	0.062	0.023	0.061	0.018	0.048
IND	IND0046	-	-	1	2	20	0.042	0.110	0.032	0.080	0.032	0.079	0.022	0.058
IND	IND0047	-	-	1	2	20	0.044	0.117	0.023	0.060	0.023	0.059	0.018	0.049
IND	IND0048	-	-	1	2	20	0.044	0.116	0.028	0.072	0.028	0.071	0.018	0.049
IND	IND0049	-	-	1	2	20	0.044	0.117	0.028	0.071	0.028	0.070	0.018	0.049
IND	IND0050	-	-	1	2	20	0.045	0.118	0.027	0.068	0.026	0.068	0.018	0.049
IND	IND0051	-	-	1	2	20	0.045	0.120	0.026	0.067	0.026	0.066	0.019	0.050
IND	IND0052	-	-	1	2	20	0.044	0.117	0.033	0.082	0.033	0.081	0.021	0.056
IND	IND0053	-	-	1	2	20	0.044	0.115	0.035	0.087	0.035	0.087	0.023	0.060
IND	IND0054	-	-	1	2	20	0.046	0.124	0.025	0.064	0.024	0.063	0.019	0.052
IND	IND0055	-	-	1	2	20	0.045	0.120	0.032	0.080	0.032	0.080	0.020	0.053
IND	IND0056	-	-	1	2	20	0.046	0.124	0.031	0.078	0.031	0.077	0.019	0.052
IND	IND0057	-	-	1	2	20	0.046	0.123	0.034	0.084	0.034	0.084	0.020	0.054
IND	IND0058	-	-	1	2	20	0.045	0.120	0.039	0.095	0.039	0.094	0.024	0.062

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
IND	IND0059	-	-	1	2	20	0.049	0.131	0.025	0.064	0.023	0.061	0.021	0.055
IND	IND0060	-	-	1	2	20	0.047	0.125	0.037	0.091	0.037	0.090	0.022	0.058
IND	IND0061	-	-	1	2	20	0.050	0.134	0.025	0.065	0.024	0.062	0.021	0.057
IND	IND0062	-	-	1	2	20	0.048	0.127	0.039	0.095	0.038	0.094	0.022	0.059
IND	IND0063	-	-	1	2	20	0.047	0.127	0.039	0.096	0.039	0.095	0.023	0.060
IND	IND0064	-	-	1	2	20	0.051	0.136	0.030	0.075	0.029	0.074	0.022	0.057
IND	IND0065	-	-	1	2	20	0.048	0.129	0.038	0.094	0.038	0.093	0.022	0.058
IND	IND0066	-	-	1	2	20	0.051	0.137	0.029	0.074	0.029	0.073	0.022	0.058
IND	IND0067	-	-	1	2	20	0.051	0.138	0.028	0.071	0.026	0.068	0.022	0.058
IND	IND0068	-	-	1	2	20	0.051	0.137	0.029	0.073	0.028	0.071	0.022	0.058
IND	IND0069	-	-	1	2	20	0.053	0.142	0.028	0.070	0.026	0.067	0.023	0.060
IND	IND0070	-	-	1	2	20	0.053	0.144	0.027	0.068	0.024	0.063	0.023	0.061
IND	IND0071	-	-	1	2	20	0.054	0.145	0.027	0.070	0.025	0.065	0.024	0.061
IND	IND0072	-	-	1	2	20	0.053	0.144	0.025	0.065	0.022	0.057	0.023	0.061
IND	IND0073	-	-	1	2	20	0.056	0.151	0.026	0.066	0.021	0.056	0.025	0.064
IND	IND0074	-	-	1	2	20	0.058	0.157	0.026	0.067	0.022	0.058	0.026	0.067
IND	IND0075	-	-	1	2	20	0.049	0.130	0.021	0.055	0.018	0.049	0.021	0.055
IND	IND0076	-	-	1	2	20	0.044	0.118	0.019	0.050	0.017	0.047	0.018	0.049
IND	IND0077	-	-	1	2	20	0.057	0.155	0.026	0.066	0.022	0.058	0.026	0.066
IND	IND0078	-	-	1	2	20	0.042	0.111	0.018	0.049	0.017	0.047	0.017	0.046
IND	IND0079	-	-	1	2	20	0.043	0.113	0.019	0.050	0.018	0.048	0.017	0.047
IND	IND0080	-	-	1	2	20	0.042	0.112	0.018	0.050	0.018	0.048	0.017	0.047
IND	IND0081	-	-	1	2	20	0.054	0.146	0.024	0.062	0.021	0.055	0.024	0.062
IND	IND0082	-	-	1	2	20	0.062	0.170	0.029	0.073	0.024	0.063	0.029	0.073

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
IND	IND0083	-	-	1	2	20	0.034	0.089	0.015	0.041	0.014	0.040	0.015	0.041
IND	IND0084	-	-	1	2	20	0.035	0.090	0.015	0.042	0.015	0.042	0.015	0.042
IND	IND0085	-	-	1	2	20	0.044	0.117	0.020	0.053	0.019	0.051	0.019	0.050
IND	IND0086	-	-	1	2	20	0.045	0.120	0.021	0.055	0.020	0.053	0.019	0.051
IND	IND0087	-	-	1	2	20	0.049	0.130	0.022	0.059	0.021	0.056	0.021	0.055
IND	IND0088	-	-	1	2	20	0.110	0.313	0.062	0.143	0.048	0.115	0.062	0.143
IND	IND0089	-	-	1	2	20	0.063	0.173	0.034	0.084	0.030	0.077	0.034	0.084
IND	IND0090	-	-	1	2	20	0.066	0.182	0.037	0.090	0.033	0.082	0.037	0.090
IND	IND0091	-	-	1	2	20	0.072	0.200	1.024	1.617	0.068	0.154	0.044	0.106
IND	IND0092	-	-	1	2	20	0.013	0.031	0.011	0.031	0.009	0.028	0.008	0.025
IND	IND0093	-	-	1	2	20	0.014	0.034	0.010	0.030	0.009	0.026	0.009	0.027
IND	IND0094	-	-	1	2	20	0.021	0.053	0.010	0.030	0.007	0.020	0.007	0.022
IND	IND0095	-	-	1	2	20	0.024	0.060	0.012	0.035	0.012	0.035	0.012	0.035
IND	IND0096	-	-	1	2	20	0.019	0.047	0.019	0.051	0.019	0.051	0.013	0.037
IND	IND0097	-	-	1	2	20	0.029	0.075	0.011	0.032	0.010	0.028	0.011	0.032
MED	MED0001	-	-	0.3	1	5	0.027	0.069	0.010	0.029	0.010	0.029	0.010	0.028
OFF	OFF0001	-	-	1	2	5	0.051	0.136	0.022	0.057	0.019	0.051	0.022	0.057
OFF	OFF0002	-	-	1	2	5	0.043	0.115	0.018	0.049	0.016	0.045	0.018	0.048
OFF	OFF0003	-	-	1	2	5	0.048	0.127	0.020	0.053	0.018	0.048	0.020	0.053
OFF	OFF0004	-	-	1	2	5	0.047	0.126	0.020	0.054	0.018	0.049	0.020	0.053
OFF	OFF0005	-	-	1	2	5	0.054	0.145	0.023	0.061	0.020	0.054	0.023	0.061
OFF	OFF0006	-	-	1	2	5	0.052	0.140	0.022	0.059	0.020	0.053	0.022	0.059
OFF	OFF0007	-	-	1	2	5	0.049	0.131	0.021	0.056	0.019	0.052	0.021	0.055
OFF	OFF0008	-	-	1	2	5	0.049	0.131	0.021	0.056	0.019	0.052	0.021	0.055

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
OFF	OFF0009	-	-	1	2	5	0.048	0.129	0.021	0.056	0.019	0.052	0.020	0.054
OFF	OFF0010	-	-	1	2	5	0.052	0.139	0.022	0.059	0.020	0.053	0.022	0.058
OFF	OFF0011	-	-	1	2	5	0.043	0.115	0.019	0.051	0.018	0.049	0.018	0.048
OFF	OFF0012	-	-	1	2	5	0.048	0.128	0.021	0.056	0.019	0.052	0.020	0.054
OFF	OFF0013	-	-	1	2	5	0.029	0.075	0.011	0.032	0.010	0.028	0.011	0.032
REC	REC0001	-	-	1	2	5	0.055	0.147	0.024	0.063	0.020	0.054	0.024	0.063
REC	REC0002	-	-	1	2	5	0.055	0.148	0.024	0.063	0.021	0.055	0.024	0.063
REC	REC0003	-	-	1	2	5	0.040	0.106	0.023	0.060	0.016	0.044	0.021	0.057
RES	RES0001	0.3	1	1	2	5	0.030	0.077	0.014	0.040	0.011	0.031	0.005	0.016
RES	RES0002	0.3	1	1	2	5	0.023	0.057	0.012	0.033	0.008	0.023	0.004	0.014
RES	RES0003	0.3	1	1	2	5	0.022	0.055	0.011	0.033	0.007	0.023	0.004	0.014
RES	RES0004	0.3	1	1	2	5	0.023	0.058	0.012	0.034	0.008	0.024	0.004	0.015
RES	RES0005	0.3	1	1	2	5	0.022	0.054	0.011	0.033	0.007	0.022	0.004	0.014
RES	RES0006	0.3	1	1	2	5	0.022	0.055	0.012	0.033	0.007	0.023	0.004	0.014
RES	RES0007	0.3	1	1	2	5	0.021	0.054	0.011	0.033	0.007	0.022	0.004	0.014
RES	RES0008	0.3	1	1	2	5	0.023	0.057	0.012	0.035	0.008	0.024	0.005	0.015
RES	RES0009	0.3	1	1	2	5	0.023	0.059	0.013	0.036	0.008	0.024	0.005	0.015
RES	RES0010	0.3	1	1	2	5	0.022	0.056	0.012	0.035	0.008	0.023	0.005	0.015
RES	RES0011	0.3	1	1	2	5	0.022	0.055	0.012	0.034	0.007	0.023	0.004	0.015
RES	RES0012	0.3	1	1	2	5	0.021	0.053	0.012	0.034	0.007	0.022	0.004	0.014
RES	RES0013	0.3	1	1	2	5	0.022	0.056	0.012	0.035	0.008	0.023	0.005	0.015
RES	RES0014	0.3	1	1	2	5	0.022	0.054	0.012	0.034	0.007	0.023	0.004	0.015
RES	RES0015	0.3	1	1	2	5	0.022	0.055	0.012	0.035	0.008	0.023	0.005	0.015
RES	RES0016	0.3	1	1	2	5	0.021	0.051	0.011	0.033	0.007	0.021	0.004	0.014

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0017	0.3	1	1	2	5	0.023	0.057	0.013	0.037	0.008	0.024	0.005	0.015
RES	RES0018	0.3	1	1	2	5	0.020	0.051	0.011	0.033	0.007	0.021	0.004	0.014
RES	RES0019	0.3	1	1	2	5	0.022	0.056	0.013	0.036	0.008	0.023	0.005	0.015
RES	RES0020	0.3	1	1	2	5	0.023	0.057	0.013	0.038	0.008	0.024	0.005	0.015
RES	RES0021	0.3	1	1	2	5	0.020	0.051	0.012	0.033	0.007	0.021	0.004	0.014
RES	RES0022	0.3	1	1	2	5	0.020	0.051	0.012	0.034	0.007	0.021	0.004	0.015
RES	RES0023	0.3	1	1	2	5	0.020	0.051	0.012	0.034	0.007	0.021	0.004	0.015
RES	RES0024	0.3	1	1	2	5	0.022	0.055	0.013	0.037	0.008	0.023	0.005	0.015
RES	RES0025	0.3	1	1	2	5	0.022	0.055	0.013	0.038	0.008	0.023	0.005	0.015
RES	RES0026	0.3	1	1	2	5	0.020	0.050	0.012	0.034	0.007	0.021	0.005	0.015
RES	RES0027	0.3	1	1	2	5	0.022	0.055	0.013	0.037	0.007	0.023	0.005	0.015
RES	RES0028	0.3	1	1	2	5	0.021	0.052	0.012	0.035	0.007	0.021	0.005	0.015
RES	RES0029	0.3	1	1	2	5	0.021	0.053	0.013	0.036	0.007	0.022	0.005	0.015
RES	RES0030	0.3	1	1	2	5	0.023	0.057	0.014	0.039	0.008	0.024	0.005	0.016
RES	RES0031	0.3	1	1	2	5	0.021	0.053	0.013	0.037	0.007	0.022	0.005	0.015
RES	RES0032	0.3	1	1	2	5	0.022	0.055	0.014	0.038	0.007	0.023	0.005	0.015
RES	RES0033	0.3	1	1	2	5	0.020	0.050	0.012	0.034	0.007	0.021	0.005	0.015
RES	RES0034	0.3	1	1	2	5	0.022	0.056	0.014	0.039	0.008	0.023	0.005	0.016
RES	RES0035	0.3	1	1	2	5	0.021	0.052	0.013	0.036	0.007	0.022	0.005	0.015
RES	RES0036	0.3	1	1	2	5	0.023	0.057	0.014	0.040	0.008	0.024	0.005	0.016
RES	RES0037	0.3	1	1	2	5	0.021	0.051	0.013	0.036	0.007	0.021	0.005	0.015
RES	RES0038	0.3	1	1	2	5	0.021	0.053	0.013	0.037	0.007	0.022	0.005	0.015
RES	RES0039	0.3	1	1	2	5	0.022	0.055	0.014	0.039	0.008	0.023	0.005	0.016
RES	RES0040	0.3	1	1	2	5	0.021	0.051	0.013	0.036	0.007	0.021	0.005	0.015

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0041	0.3	1	1	2	5	0.020	0.050	0.012	0.035	0.007	0.021	0.005	0.015
RES	RES0042	0.3	1	1	2	5	0.021	0.052	0.013	0.037	0.007	0.022	0.005	0.015
RES	RES0043	0.3	1	1	2	5	0.022	0.054	0.014	0.039	0.007	0.023	0.005	0.016
RES	RES0044	0.3	1	1	2	5	0.022	0.055	0.014	0.039	0.007	0.023	0.005	0.016
RES	RES0045	0.3	1	1	2	5	0.022	0.056	0.014	0.040	0.008	0.023	0.005	0.016
RES	RES0046	0.3	1	1	2	5	0.077	0.213	0.057	0.133	0.036	0.088	0.007	0.022
RES	RES0047	0.3	1	1	2	5	0.020	0.050	0.012	0.035	0.007	0.021	0.005	0.015
RES	RES0048	0.3	1	1	2	5	0.021	0.054	0.014	0.038	0.007	0.022	0.005	0.016
RES	RES0049	0.3	1	1	2	5	0.021	0.052	0.013	0.037	0.007	0.022	0.005	0.015
RES	RES0050	0.3	1	1	2	5	0.021	0.051	0.013	0.036	0.007	0.021	0.005	0.015
RES	RES0051	0.3	1	1	2	5	0.020	0.050	0.013	0.036	0.007	0.021	0.005	0.015
RES	RES0052	0.3	1	1	2	5	0.022	0.054	0.014	0.039	0.007	0.022	0.005	0.016
RES	RES0053	0.3	1	1	2	5	0.021	0.052	0.013	0.038	0.007	0.022	0.005	0.016
RES	RES0054	0.3	1	1	2	5	0.021	0.052	0.013	0.037	0.007	0.021	0.005	0.015
RES	RES0055	0.3	1	1	2	5	0.022	0.054	0.014	0.040	0.007	0.022	0.005	0.016
RES	RES0056	0.3	1	1	2	5	0.020	0.050	0.013	0.036	0.007	0.021	0.005	0.015
RES	RES0057	0.3	1	1	2	5	0.021	0.054	0.014	0.040	0.007	0.022	0.005	0.016
RES	RES0058	0.3	1	1	2	5	0.055	0.148	0.025	0.064	0.024	0.063	0.006	0.020
RES	RES0059	0.3	1	1	2	5	0.047	0.124	0.020	0.053	0.020	0.052	0.006	0.020
RES	RES0060	0.3	1	1	2	5	0.005	0.011	0.020	0.052	0.014	0.039	0.017	0.047
RES	RES0061	0.3	1	1	2	5	0.004	0.009	3.077	4.195	0.525	0.906	3.077	4.195
RES	RES0062	0.3	1	1	2	5	0.003	0.007	3.284	4.439	0.006	0.019	3.284	4.439
RES	RES0063	0.3	1	1	2	5	0.014	0.033	0.139	0.287	0.039	0.096	0.045	0.109
RES	RES0064	0.3	1	1	2	5	0.004	0.009	123.560	102.957	14.388	15.970	123.560	102.957

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort												
		Non-standard Hours		Standard Hours			Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0065	0.3	1	1	2	5	0.004	0.009	10.086	11.738	5.104	6.504	10.086	11.738
RES	RES0066	0.3	1	1	2	5	0.004	0.009	2.013	2.904	1.504	2.256	2.013	2.904
RES	RES0067	0.3	1	1	2	5	0.004	0.009	1.687	2.491	0.315	0.583	1.687	2.491
RES	RES0068	0.3	1	1	2	5	0.004	0.009	1.090	1.707	0.892	1.434	1.090	1.707
RES	RES0069	0.3	1	1	2	5	0.013	0.030	0.736	1.215	0.025	0.065	0.030	0.076
RES	RES0070	0.3	1	1	2	5	0.003	0.007	0.122	0.256	0.011	0.033	0.117	0.248
RES	RES0071	0.3	1	1	2	5	0.004	0.009	18.548	19.901	0.072	0.163	18.548	19.901
RES	RES0072	0.3	1	1	2	5	0.006	0.013	0.013	0.037	0.011	0.032	0.009	0.026
RES	RES0073	0.3	1	1	2	5	0.004	0.009	0.259	0.491	0.052	0.122	0.259	0.491
RES	RES0074	0.3	1	1	2	5	0.008	0.018	1.581	2.355	0.046	0.110	1.581	2.355
RES	RES0075	0.3	1	1	2	5	0.023	0.059	0.026	0.068	0.008	0.024	0.018	0.048
RES	RES0076	0.3	1	1	2	5	0.078	0.217	0.129	0.269	0.035	0.086	0.129	0.269
RES	RES0077	0.3	1	1	2	5	0.078	0.216	0.743	1.224	0.041	0.099	0.743	1.224
RES	RES0078	0.3	1	1	2	5	0.127	0.368	0.222	0.430	0.059	0.136	0.222	0.430
RES	RES0079	0.3	1	1	2	5	0.122	0.353	0.193	0.381	0.058	0.135	0.193	0.381
RES	RES0080	0.3	1	1	2	5	0.075	0.209	1.936	2.807	0.040	0.098	1.936	2.807
RES	RES0081	0.3	1	1	2	5	0.120	0.344	0.176	0.352	0.059	0.136	0.176	0.352
RES	RES0082	0.3	1	1	2	5	0.073	0.203	6.992	8.544	0.040	0.096	6.992	8.544
RES	RES0083	0.3	1	1	2	5	0.068	0.186	20.185	21.415	0.036	0.089	20.185	21.415
RES	RES0084	0.3	1	1	2	5	0.139	0.404	0.284	0.533	0.066	0.151	0.284	0.533
RES	RES0085	0.3	1	1	2	5	0.134	0.390	0.247	0.472	0.066	0.150	0.247	0.472
RES	RES0086	0.3	1	1	2	5	0.131	0.380	0.224	0.434	0.066	0.149	0.224	0.434
RES	RES0087	0.3	1	1	2	5	0.010	0.024	0.011	0.033	0.011	0.033	0.011	0.033
RES	RES0088	0.3	1	1	2	5	0.127	0.366	0.215	0.417	0.066	0.150	0.215	0.417

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0089	0.3	1	1	2	5	0.039	0.103	1.698	2.506	0.013	0.037	1.698	2.506
RES	RES0090	0.3	1	1	2	5	0.167	0.492	0.544	0.935	0.082	0.181	0.544	0.935
RES	RES0091	0.3	1	1	2	5	0.159	0.467	0.387	0.696	0.082	0.182	0.387	0.696
RES	RES0092	0.3	1	1	2	5	0.154	0.454	0.348	0.635	0.082	0.181	0.348	0.635
RES	RES0093	0.3	1	1	2	5	0.151	0.443	0.367	0.664	0.083	0.182	0.367	0.664
RES	RES0094	0.3	1	1	2	5	0.010	0.025	0.013	0.036	0.013	0.036	0.013	0.036
RES	RES0095	0.3	1	1	2	5	0.116	0.333	0.297	0.553	0.073	0.163	0.297	0.553
RES	RES0096	0.3	1	1	2	5	0.107	0.304	0.477	0.834	0.068	0.154	0.477	0.834
RES	RES0097	0.3	1	1	2	5	0.131	0.379	0.346	0.632	0.081	0.179	0.346	0.632
RES	RES0098	0.3	1	1	2	5	0.103	0.293	0.624	1.053	0.066	0.150	0.624	1.053
RES	RES0099	0.3	1	1	2	5	0.124	0.359	0.316	0.583	0.079	0.176	0.316	0.583
RES	RES0100	0.3	1	1	2	5	0.120	0.345	0.290	0.542	0.078	0.174	0.290	0.542
RES	RES0101	0.3	1	1	2	5	0.092	0.259	2.861	3.939	0.059	0.137	2.861	3.939
RES	RES0102	0.3	1	1	2	5	0.116	0.333	0.339	0.621	0.077	0.171	0.339	0.621
RES	RES0103	0.3	1	1	2	5	0.165	0.487	0.643	1.080	0.099	0.213	0.643	1.080
RES	RES0104	0.3	1	1	2	5	0.089	0.251	4.941	6.324	0.058	0.134	4.941	6.324
RES	RES0105	0.3	1	1	2	5	0.086	0.242	5.577	7.024	0.056	0.130	5.577	7.024
RES	RES0106	0.3	1	1	2	5	0.108	0.307	0.522	0.901	0.073	0.164	0.522	0.901
RES	RES0107	0.3	1	1	2	5	0.084	0.235	5.278	6.697	0.054	0.127	5.278	6.697
RES	RES0108	0.3	1	1	2	5	0.174	0.516	0.930	1.488	0.109	0.231	0.930	1.488
RES	RES0109	0.3	1	1	2	5	0.142	0.414	0.564	0.965	0.096	0.209	0.564	0.965
RES	RES0110	0.3	1	1	2	5	0.081	0.226	6.216	7.716	0.052	0.122	6.216	7.716
RES	RES0111	0.3	1	1	2	5	0.100	0.283	0.870	1.403	0.069	0.156	0.870	1.403
RES	RES0112	0.3	1	1	2	5	0.161	0.474	0.943	1.505	0.109	0.232	0.943	1.505

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0113	0.3	1	1	2	5	0.098	0.278	0.973	1.547	0.068	0.154	0.973	1.547
RES	RES0114	0.3	1	1	2	5	0.184	0.547	1.322	2.018	0.118	0.248	1.322	2.018
RES	RES0115	0.3	1	1	2	5	0.140	0.408	0.581	0.990	0.100	0.214	0.581	0.990
RES	RES0116	0.3	1	1	2	5	0.135	0.393	0.500	0.868	0.097	0.209	0.500	0.868
RES	RES0117	0.3	1	1	2	5	0.077	0.214	17.851	19.251	0.049	0.117	17.851	19.251
RES	RES0118	0.3	1	1	2	5	0.207	0.624	1.399	2.119	0.129	0.269	1.399	2.119
RES	RES0119	0.3	1	1	2	5	0.080	0.224	3.355	4.522	0.052	0.123	3.355	4.522
RES	RES0120	0.3	1	1	2	5	0.093	0.263	1.197	1.850	0.064	0.147	1.197	1.850
RES	RES0121	0.3	1	1	2	5	0.091	0.256	1.165	1.807	0.063	0.144	1.165	1.807
RES	RES0122	0.3	1	1	2	5	0.190	0.569	2.204	3.141	0.128	0.267	2.204	3.141
RES	RES0123	0.3	1	1	2	5	0.087	0.244	1.264	1.940	0.059	0.137	1.264	1.940
RES	RES0124	0.3	1	1	2	5	0.120	0.347	0.316	0.584	0.091	0.198	0.316	0.584
RES	RES0125	0.3	1	1	2	5	0.085	0.237	1.252	1.925	0.058	0.133	1.252	1.925
RES	RES0126	0.3	1	1	2	5	0.083	0.231	1.568	2.338	0.056	0.130	1.568	2.338
RES	RES0127	0.3	1	1	2	5	0.080	0.222	2.167	3.096	0.053	0.125	2.167	3.096
RES	RES0128	0.3	1	1	2	5	0.107	0.305	0.459	0.807	0.081	0.179	0.459	0.807
RES	RES0129	0.3	1	1	2	5	0.170	0.504	2.576	3.596	0.133	0.275	2.576	3.596
RES	RES0130	0.3	1	1	2	5	0.161	0.475	1.623	2.410	0.128	0.267	1.623	2.410
RES	RES0131	0.3	1	1	2	5	0.120	0.346	0.310	0.574	0.096	0.207	0.310	0.574
RES	RES0132	0.3	1	1	2	5	0.131	0.380	0.444	0.784	0.106	0.227	0.444	0.784
RES	RES0133	0.3	1	1	2	5	0.155	0.455	1.197	1.850	0.127	0.265	1.197	1.850
RES	RES0134	0.3	1	1	2	5	0.098	0.276	0.548	0.940	0.073	0.163	0.548	0.940
RES	RES0135	0.3	1	1	2	5	0.143	0.418	0.697	1.158	0.120	0.252	0.697	1.158
RES	RES0136	0.3	1	1	2	5	0.120	0.347	0.303	0.563	0.099	0.213	0.303	0.563

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0137	0.3	1	1	2	5	0.136	0.396	0.507	0.880	0.118	0.248	0.507	0.880
RES	RES0138	0.3	1	1	2	5	0.125	0.363	0.348	0.635	0.108	0.230	0.348	0.635
RES	RES0139	0.3	1	1	2	5	0.188	0.562	13.081	14.705	0.170	0.342	13.081	14.705
RES	RES0140	0.3	1	1	2	5	0.176	0.523	3.014	4.120	0.165	0.333	3.014	4.120
RES	RES0141	0.3	1	1	2	5	0.109	0.312	0.305	0.566	0.091	0.198	0.305	0.566
RES	RES0142	0.3	1	1	2	5	0.158	0.464	1.002	1.587	0.153	0.311	1.002	1.587
RES	RES0143	0.3	1	1	2	5	0.169	0.499	1.611	2.394	0.166	0.333	1.611	2.394
RES	RES0144	0.3	1	1	2	5	0.078	0.217	0.707	1.173	0.054	0.127	0.707	1.173
RES	RES0145	0.3	1	1	2	5	0.076	0.211	0.708	1.174	0.052	0.123	0.708	1.174
RES	RES0146	0.3	1	1	2	5	0.154	0.453	0.814	1.325	0.154	0.312	0.814	1.325
RES	RES0147	0.3	1	1	2	5	0.287	0.886	22.893	23.884	0.249	0.474	22.893	23.884
RES	RES0148	0.3	1	1	2	5	0.074	0.205	0.645	1.082	0.051	0.119	0.645	1.082
RES	RES0149	0.3	1	1	2	5	0.104	0.297	0.281	0.527	0.088	0.193	0.281	0.527
RES	RES0150	0.3	1	1	2	5	0.072	0.200	0.570	0.974	0.049	0.116	0.570	0.974
RES	RES0151	0.3	1	1	2	5	0.131	0.380	0.349	0.636	0.129	0.269	0.349	0.636
RES	RES0152	0.3	1	1	2	5	0.097	0.276	0.291	0.544	0.080	0.178	0.291	0.544
RES	RES0153	0.3	1	1	2	5	0.095	0.268	0.313	0.579	0.077	0.171	0.313	0.579
RES	RES0154	0.3	1	1	2	5	0.069	0.191	0.495	0.862	0.046	0.110	0.495	0.862
RES	RES0155	0.3	1	1	2	5	0.071	0.197	0.484	0.845	0.048	0.114	0.484	0.845
RES	RES0156	0.3	1	1	2	5	0.153	0.448	0.637	1.072	0.165	0.333	0.637	1.072
RES	RES0157	0.3	1	1	2	5	0.068	0.186	0.627	1.057	0.044	0.107	0.627	1.057
RES	RES0158	0.3	1	1	2	5	0.215	0.650	40.751	39.368	0.254	0.483	40.751	39.368
RES	RES0159	0.3	1	1	2	5	0.087	0.245	0.346	0.632	0.068	0.154	0.346	0.632
RES	RES0160	0.3	1	1	2	5	0.065	0.177	1.131	1.762	0.041	0.100	1.131	1.762

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0161	0.3	1	1	2	5	0.189	0.565	2.206	3.144	0.238	0.457	2.206	3.144
RES	RES0162	0.3	1	1	2	5	0.137	0.398	0.367	0.664	0.147	0.301	0.367	0.664
RES	RES0163	0.3	1	1	2	5	0.177	0.527	1.184	1.833	0.232	0.447	1.184	1.833
RES	RES0164	0.3	1	1	2	5	0.081	0.226	0.340	0.622	0.061	0.140	0.340	0.622
RES	RES0165	0.3	1	1	2	5	0.080	0.222	0.340	0.621	0.059	0.137	0.340	0.621
RES	RES0166	0.3	1	1	2	5	0.160	0.471	0.642	1.079	0.203	0.398	0.642	1.079
RES	RES0167	0.3	1	1	2	5	0.078	0.216	0.362	0.657	0.057	0.132	0.362	0.657
RES	RES0168	0.3	1	1	2	5	0.075	0.208	0.441	0.779	0.054	0.126	0.441	0.779
RES	RES0169	0.3	1	1	2	5	0.147	0.431	0.472	0.827	0.185	0.367	0.472	0.827
RES	RES0170	0.3	1	1	2	5	0.073	0.203	0.536	0.923	0.052	0.122	0.536	0.923
RES	RES0171	0.3	1	1	2	5	0.238	0.724	540.896	370.162	0.396	0.709	540.896	370.162
RES	RES0172	0.3	1	1	2	5	0.220	0.664	7.161	8.723	0.369	0.668	7.161	8.723
RES	RES0173	0.3	1	1	2	5	0.139	0.405	0.458	0.805	0.170	0.342	0.448	0.790
RES	RES0174	0.3	1	1	2	5	0.071	0.197	0.689	1.147	0.050	0.118	0.689	1.147
RES	RES0175	0.3	1	1	2	5	0.211	0.637	3.359	4.526	0.391	0.702	3.359	4.526
RES	RES0176	0.3	1	1	2	5	0.068	0.187	1.235	1.901	0.046	0.111	1.235	1.901
RES	RES0177	0.3	1	1	2	5	0.196	0.587	1.634	2.424	0.356	0.646	1.634	2.424
RES	RES0178	0.3	1	1	2	5	0.182	0.543	1.006	1.592	0.318	0.587	1.006	1.592
RES	RES0179	0.3	1	1	2	5	0.159	0.469	0.956	1.523	0.255	0.484	0.956	1.523
RES	RES0180	0.3	1	1	2	5	0.247	0.755	64.298	58.451	0.713	1.182	64.298	58.451
RES	RES0181	0.3	1	1	2	5	0.146	0.428	0.974	1.548	0.221	0.429	0.911	1.461
RES	RES0182	0.3	1	1	2	5	0.232	0.705	33.266	33.018	0.964	1.534	33.266	33.018
RES	RES0183	0.3	1	1	2	5	0.219	0.663	22.279	23.328	0.836	1.356	22.279	23.328
RES	RES0184	0.3	1	1	2	5	0.111	0.319	0.849	1.375	0.126	0.262	0.309	0.572

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0185	0.3	1	1	2	5	0.182	0.541	8.850	10.481	0.479	0.836	8.850	10.481
RES	RES0186	0.3	1	1	2	5	0.206	0.621	50.065	47.057	0.761	1.249	50.065	47.057
RES	RES0187	0.3	1	1	2	5	0.196	0.587	35.288	34.752	0.645	1.083	35.288	34.752
RES	RES0188	0.3	1	1	2	5	0.108	0.309	1.078	1.690	0.121	0.254	0.288	0.538
RES	RES0189	0.3	1	1	2	5	0.094	0.266	0.872	1.406	0.090	0.197	0.240	0.459
RES	RES0190	0.3	1	1	2	5	0.102	0.289	1.179	1.827	0.107	0.228	0.231	0.445
RES	RES0191	0.3	1	1	2	5	0.132	0.383	14.386	15.967	0.208	0.405	0.873	1.408
RES	RES0192	0.3	1	1	2	5	0.085	0.237	0.934	1.493	0.074	0.166	0.405	0.723
RES	RES0193	0.3	1	1	2	5	0.113	0.323	9.668	11.315	0.141	0.291	0.367	0.664
RES	RES0194	0.3	1	1	2	5	0.076	0.211	1.018	1.609	0.061	0.140	1.018	1.609
RES	RES0195	0.3	1	1	2	5	0.107	0.304	14.997	16.554	0.125	0.261	0.289	0.541
RES	RES0196	0.3	1	1	2	5	0.072	0.199	2.644	3.678	0.055	0.129	2.644	3.678
RES	RES0197	0.3	1	1	2	5	0.102	0.289	21.619	22.727	0.113	0.239	0.241	0.461
RES	RES0198	0.3	1	1	2	5	0.073	0.201	2.260	3.210	0.056	0.131	2.260	3.210
RES	RES0199	0.3	1	1	2	5	0.096	0.271	22.636	23.651	0.099	0.214	0.238	0.456
RES	RES0200	0.3	1	1	2	5	0.149	0.437	-*	-*	0.337	0.618	3.256	4.406
RES	RES0201	0.3	1	1	2	5	0.153	0.448	6.776	8.315	0.363	0.658	6.776	8.315
RES	RES0202	0.3	1	1	2	5	0.114	0.326	-*	-*	0.154	0.314	0.391	0.702
RES	RES0203	0.3	1	1	2	5	0.086	0.241	1.787	2.619	0.082	0.181	0.321	0.591
RES	RES0204	0.3	1	1	2	5	0.069	0.190	2.146	3.069	0.053	0.125	1.943	2.816
RES	RES0205	0.3	1	1	2	5	0.022	0.054	0.018	0.050	0.008	0.025	0.018	0.050
RES	RES0206	0.3	1	1	2	5	0.003	0.008	0.010	0.030	0.009	0.027	0.010	0.030
RES	RES0207	0.3	1	1	2	5	0.005	0.012	0.054	0.126	0.004	0.014	0.004	0.014
RES	RES0208	0.3	1	1	2	5	0.005	0.010	0.330	0.605	0.007	0.022	0.007	0.021

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0209	0.3	1	1	2	5	0.007	0.015	0.010	0.029	0.005	0.016	0.006	0.020
RES	RES0210	0.3	1	1	2	5	0.004	0.009	0.025	0.065	0.006	0.018	0.023	0.060
RES	RES0211	0.3	1	1	2	5	0.004	0.008	0.011	0.032	0.009	0.027	0.011	0.032
RES	RES0212	0.3	1	1	2	5	0.005	0.010	0.019	0.052	0.009	0.026	0.011	0.032
RES	RES0213	0.3	1	1	2	5	0.005	0.010	0.018	0.048	0.009	0.027	0.010	0.029
RES	RES0214	0.3	1	1	2	5	0.005	0.010	0.017	0.046	0.009	0.027	0.009	0.028
RES	RES0215	0.3	1	1	2	5	0.005	0.010	0.018	0.048	0.009	0.027	0.010	0.028
RES	RES0216	0.3	1	1	2	5	0.005	0.010	0.017	0.047	0.009	0.028	0.009	0.028
RES	RES0217	0.3	1	1	2	5	0.005	0.010	0.017	0.047	0.009	0.028	0.009	0.027
RES	RES0218	0.3	1	1	2	5	0.006	0.013	0.013	0.037	0.013	0.036	0.011	0.033
RES	RES0219	0.3	1	1	2	5	0.007	0.017	1.396	2.114	0.768	1.260	1.396	2.114
RES	RES0220	0.3	1	1	2	5	0.008	0.017	0.387	0.695	0.312	0.578	0.387	0.695
RES	RES0221	0.3	1	1	2	5	0.007	0.015	0.029	0.074	0.020	0.053	0.029	0.074
RES	RES0222	0.3	1	1	2	5	0.009	0.020	0.036	0.089	0.036	0.089	0.032	0.081
RES	RES0223	0.3	1	1	2	5	0.018	0.043	0.016	0.044	0.014	0.038	0.015	0.042
RES	RES0224	0.3	1	1	2	5	0.018	0.044	0.016	0.044	0.014	0.039	0.015	0.042
RES	RES0225	0.3	1	1	2	5	0.020	0.050	0.026	0.068	0.023	0.060	0.026	0.068
RES	RES0226	0.3	1	1	2	5	0.023	0.059	0.011	0.033	0.009	0.027	0.010	0.028
RES	RES0227	0.3	1	1	2	5	0.022	0.055	0.024	0.062	0.020	0.054	0.023	0.061
RES	RES0228	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.027	0.007	0.020
RES	RES0229	0.3	1	1	2	5	0.033	0.086	0.012	0.035	0.011	0.033	0.011	0.031
RES	RES0230	0.3	1	1	2	5	0.061	0.166	0.028	0.072	0.022	0.058	0.009	0.027
RES	RES0231	0.3	1	1	2	5	0.028	0.071	0.021	0.055	0.012	0.034	0.021	0.055
RES	RES0232	0.3	1	1	2	5	0.047	0.125	0.026	0.066	0.019	0.051	0.025	0.064

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0233	0.3	1	1	2	5	0.038	0.098	0.040	0.098	0.020	0.054	0.040	0.098
RES	RES0234	0.3	1	1	2	5	0.050	0.133	0.039	0.095	0.026	0.067	0.039	0.095
RES	RES0235	0.3	1	1	2	5	0.175	0.520	0.224	0.433	0.120	0.251	0.018	0.048
RES	RES0236	0.3	1	1	2	5	0.139	0.404	0.178	0.355	0.089	0.195	0.019	0.051
RES	RES0237	0.3	1	1	2	5	0.047	0.125	0.038	0.094	0.021	0.055	0.038	0.094
RES	RES0238	0.3	1	1	2	5	0.032	0.082	0.012	0.035	0.012	0.035	0.012	0.034
RES	RES0239	0.3	1	1	2	5	0.083	0.231	2.925	4.015	0.426	0.756	2.925	4.015
RES	RES0240	0.3	1	1	2	5	0.023	0.058	0.013	0.036	0.007	0.023	0.005	0.017
RES	RES0241	0.3	1	1	2	5	0.016	0.038	0.014	0.039	0.008	0.024	0.009	0.027
RES	RES0242	0.3	1	1	2	5	0.013	0.031	0.014	0.039	0.011	0.032	0.013	0.036
RES	RES0243	0.3	1	1	2	5	0.015	0.035	0.045	0.107	0.018	0.048	0.023	0.060
RES	RES0244	0.3	1	1	2	5	0.012	0.028	0.030	0.075	0.024	0.062	0.030	0.075
RES	RES0245	0.3	1	1	2	5	0.010	0.023	0.039	0.094	0.022	0.057	0.039	0.094
RES	RES0246	0.3	1	1	2	5	0.014	0.035	0.010	0.029	0.008	0.023	0.009	0.026
RES	RES0247	0.3	1	1	2	5	0.009	0.022	0.014	0.038	0.010	0.029	0.014	0.038
RES	RES0248	0.3	1	1	2	5	0.010	0.023	0.012	0.034	0.009	0.026	0.012	0.034
RES	RES0249	0.3	1	1	2	5	0.010	0.022	0.013	0.038	0.010	0.029	0.013	0.038
RES	RES0250	0.3	1	1	2	5	0.022	0.055	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0251	0.3	1	1	2	5	0.010	0.025	0.022	0.058	0.010	0.030	0.019	0.052
RES	RES0252	0.3	1	1	2	5	0.013	0.031	0.110	0.234	0.023	0.059	0.110	0.234
RES	RES0253	0.3	1	1	2	5	0.028	0.071	0.014	0.039	0.014	0.039	0.014	0.039
RES	RES0254	0.3	1	1	2	5	0.009	0.020	0.159	0.323	0.033	0.083	0.040	0.097
RES	RES0255	0.3	1	1	2	5	0.025	0.062	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES0256	0.3	1	1	2	5	0.023	0.058	0.011	0.031	0.009	0.026	0.011	0.031

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0257	0.3	1	1	2	5	0.024	0.060	0.011	0.032	0.009	0.026	0.011	0.032
RES	RES0258	0.3	1	1	2	5	0.025	0.063	0.011	0.032	0.009	0.027	0.011	0.032
RES	RES0259	0.3	1	1	2	5	0.023	0.057	0.011	0.031	0.009	0.026	0.011	0.031
RES	RES0260	0.3	1	1	2	5	0.028	0.072	0.013	0.036	0.010	0.030	0.013	0.036
RES	RES0261	0.3	1	1	2	5	0.017	0.040	0.011	0.032	0.010	0.028	0.008	0.025
RES	RES0262	0.3	1	1	2	5	0.024	0.059	0.015	0.041	0.014	0.039	0.015	0.041
RES	RES0263	0.3	1	1	2	5	0.012	0.028	0.021	0.055	0.009	0.027	0.019	0.051
RES	RES0264	0.3	1	1	2	5	0.012	0.029	0.022	0.059	0.010	0.028	0.021	0.055
RES	RES0265	0.3	1	1	2	5	0.071	0.196	0.036	0.089	0.022	0.059	0.022	0.057
RES	RES0266	0.3	1	1	2	5	0.008	0.020	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0267	0.3	1	1	2	5	0.008	0.018	0.073	0.163	0.049	0.117	0.043	0.104
RES	RES0268	0.3	1	1	2	5	0.005	0.011	0.047	0.111	0.007	0.021	0.027	0.069
RES	RES0269	0.3	1	1	2	5	0.006	0.013	0.021	0.056	0.019	0.051	0.021	0.056
RES	RES0270	0.3	1	1	2	5	0.007	0.016	0.019	0.051	0.017	0.047	0.019	0.051
RES	RES0271	0.3	1	1	2	5	0.109	0.312	0.223	0.432	0.032	0.079	0.045	0.109
RES	RES0272	0.3	1	1	2	5	0.304	0.943	0.342	0.624	0.093	0.202	0.023	0.061
RES	RES0273	0.3	1	1	2	5	0.106	0.302	1.600	2.380	0.210	0.409	0.008	0.025
RES	RES0274	0.3	1	1	2	5	0.543	1.750	0.615	1.040	0.051	0.120	0.047	0.112
RES	RES0275	0.3	1	1	2	5	0.071	0.196	0.034	0.084	0.033	0.083	0.034	0.084
RES	RES0276	0.3	1	1	2	5	0.108	0.310	0.073	0.163	0.063	0.144	0.073	0.163
RES	RES0277	0.3	1	1	2	5	0.111	0.319	0.077	0.172	0.065	0.149	0.077	0.172
RES	RES0278	0.3	1	1	2	5	0.083	0.233	0.103	0.221	0.041	0.099	0.103	0.221
RES	RES0279	0.3	1	1	2	5	0.047	0.125	0.025	0.065	0.018	0.049	0.025	0.065
RES	RES0280	0.3	1	1	2	5	0.024	0.061	0.014	0.040	0.008	0.025	0.014	0.040

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0281	0.3	1	1	2	5	0.027	0.070	0.012	0.034	0.009	0.028	0.012	0.034
RES	RES0282	0.3	1	1	2	5	0.031	0.080	0.021	0.055	0.010	0.029	0.021	0.055
RES	RES0283	0.3	1	1	2	5	0.068	0.187	0.169	0.340	0.024	0.063	0.125	0.262
RES	RES0284	0.3	1	1	2	5	0.072	0.199	0.040	0.097	0.040	0.097	0.028	0.072
RES	RES0285	0.3	1	1	2	5	0.075	0.208	0.046	0.110	0.045	0.107	0.034	0.085
RES	RES0286	0.3	1	1	2	5	0.029	0.074	0.027	0.070	0.013	0.036	0.027	0.070
RES	RES0287	0.3	1	1	2	5	0.025	0.063	0.011	0.033	0.009	0.027	0.011	0.033
RES	RES0288	0.3	1	1	2	5	0.022	0.055	0.064	0.146	0.009	0.026	0.029	0.074
RES	RES0289	0.3	1	1	2	5	0.015	0.036	0.460	0.808	0.005	0.017	0.460	0.808
RES	RES0290	0.3	1	1	2	5	0.014	0.033	0.197	0.388	0.004	0.015	0.174	0.348
RES	RES0291	0.3	1	1	2	5	0.012	0.029	0.013	0.037	0.004	0.012	0.013	0.037
RES	RES0292	0.3	1	1	2	5	0.009	0.021	0.024	0.062	0.009	0.027	0.024	0.062
RES	RES0293	0.3	1	1	2	5	0.009	0.021	0.026	0.068	0.010	0.029	0.026	0.066
RES	RES0294	0.3	1	1	2	5	0.009	0.022	0.026	0.067	0.011	0.031	0.024	0.062
RES	RES0295	0.3	1	1	2	5	0.009	0.021	0.017	0.047	0.007	0.022	0.017	0.047
RES	RES0296	0.3	1	1	2	5	0.013	0.031	0.036	0.088	0.024	0.063	0.036	0.088
RES	RES0297	0.3	1	1	2	5	0.016	0.039	0.039	0.096	0.025	0.065	0.039	0.096
RES	RES0298	0.3	1	1	2	5	0.028	0.073	0.095	0.207	0.021	0.055	0.067	0.153
RES	RES0299	0.3	1	1	2	5	0.030	0.076	0.018	0.050	0.010	0.028	0.018	0.050
RES	RES0300	0.3	1	1	2	5	0.029	0.075	0.014	0.038	0.009	0.027	0.014	0.038
RES	RES0301	0.3	1	1	2	5	0.071	0.197	0.066	0.150	0.026	0.068	0.066	0.150
RES	RES0302	0.3	1	1	2	5	0.030	0.076	0.013	0.036	0.011	0.031	0.011	0.033
RES	RES0303	0.3	1	1	2	5	0.092	0.258	0.119	0.250	0.036	0.089	0.119	0.250
RES	RES0304	0.3	1	1	2	5	0.060	0.164	0.656	1.099	0.656	1.099	0.099	0.214

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0305	0.3	1	1	2	5	0.049	0.130	0.138	0.284	0.074	0.165	0.138	0.284
RES	RES0306	0.3	1	1	2	5	0.014	0.035	0.010	0.029	0.007	0.021	0.010	0.028
RES	RES0307	0.3	1	1	2	5	0.016	0.039	0.174	0.348	0.016	0.045	0.174	0.348
RES	RES0308	0.3	1	1	2	5	0.008	0.019	0.009	0.026	0.009	0.026	0.008	0.023
RES	RES0309	0.3	1	1	2	5	0.011	0.027	0.026	0.067	0.020	0.053	0.026	0.067
RES	RES0310	0.3	1	1	2	5	0.010	0.023	0.023	0.059	0.017	0.047	0.023	0.059
RES	RES0311	0.3	1	1	2	5	0.008	0.019	0.024	0.063	0.015	0.042	0.016	0.043
RES	RES0312	0.3	1	1	2	5	0.012	0.029	0.553	0.947	0.010	0.030	0.054	0.126
RES	RES0313	0.3	1	1	2	5	0.019	0.047	3.266	4.417	0.005	0.017	3.266	4.417
RES	RES0314	0.3	1	1	2	5	0.045	0.121	0.087	0.191	0.015	0.041	0.018	0.049
RES	RES0315	0.3	1	1	2	5	0.045	0.121	0.087	0.191	0.015	0.041	0.018	0.049
RES	RES0316	0.3	1	1	2	5	0.045	0.121	0.087	0.191	0.015	0.041	0.018	0.049
RES	RES0317	0.3	1	1	2	5	0.016	0.038	0.015	0.041	0.004	0.014	0.014	0.040
RES	RES0318	0.3	1	1	2	5	0.451	1.436	0.615	1.039	0.316	0.584	0.615	1.039
RES	RES0319	0.3	1	1	2	5	0.063	0.172	0.153	0.311	0.039	0.096	0.053	0.125
RES	RES0320	0.3	1	1	2	5	0.182	0.542	0.162	0.327	0.148	0.303	0.162	0.327
RES	RES0321	0.3	1	1	2	5	0.032	0.083	0.328	0.603	0.097	0.209	0.328	0.603
RES	RES0322	0.3	1	1	2	5	0.016	0.039	0.027	0.069	0.012	0.034	0.013	0.037
RES	RES0323	0.3	1	1	2	5	0.048	0.127	0.021	0.056	0.021	0.055	0.323	0.595
RES	RES0324	0.3	1	1	2	5	0.048	0.129	0.021	0.055	0.021	0.055	0.086	0.189
RES	RES0325	0.3	1	1	2	5	0.025	0.063	0.010	0.029	0.008	0.024	0.028	0.072
RES	RES0326	0.3	1	1	2	5	0.039	0.103	0.016	0.044	0.016	0.044	0.083	0.183
RES	RES0327	0.3	1	1	2	5	0.030	0.078	0.118	0.248	0.097	0.210	0.118	0.248
RES	RES0328	0.3	1	1	2	5	0.035	0.090	0.013	0.038	0.013	0.038	0.048	0.114

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0329	0.3	1	1	2	5	0.034	0.089	0.013	0.037	0.013	0.037	0.040	0.097
RES	RES0330	0.3	1	1	2	5	0.025	0.062	0.009	0.026	0.008	0.025	0.027	0.069
RES	RES0331	0.3	1	1	2	5	0.025	0.062	0.009	0.026	0.008	0.025	0.027	0.070
RES	RES0332	0.3	1	1	2	5	0.025	0.064	0.009	0.026	0.009	0.026	0.029	0.073
RES	RES0333	0.3	1	1	2	5	0.024	0.059	0.008	0.024	0.008	0.024	0.024	0.062
RES	RES0334	0.3	1	1	2	5	0.023	0.058	0.008	0.024	0.008	0.023	0.022	0.059
RES	RES0335	0.3	1	1	2	5	0.022	0.055	0.007	0.023	0.007	0.022	0.019	0.051
RES	RES0336	0.3	1	1	2	5	0.021	0.051	0.007	0.022	0.006	0.020	0.016	0.044
RES	RES0337	0.3	1	1	2	5	0.020	0.048	0.007	0.021	0.006	0.019	0.014	0.040
RES	RES0338	0.3	1	1	2	5	0.019	0.047	0.006	0.020	0.006	0.018	0.014	0.038
RES	RES0339	0.3	1	1	2	5	0.020	0.050	0.007	0.021	0.006	0.020	0.015	0.042
RES	RES0340	0.3	1	1	2	5	0.020	0.049	0.007	0.021	0.006	0.019	0.014	0.040
RES	RES0341	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.011	0.031	0.021	0.056
RES	RES0342	0.3	1	1	2	5	0.026	0.066	0.009	0.027	0.009	0.027	0.024	0.062
RES	RES0343	0.3	1	1	2	5	0.018	0.046	0.006	0.019	0.006	0.018	0.013	0.036
RES	RES0344	0.3	1	1	2	5	0.023	0.059	0.008	0.024	0.008	0.024	0.023	0.061
RES	RES0345	0.3	1	1	2	5	0.023	0.058	0.008	0.024	0.008	0.023	0.022	0.059
RES	RES0346	0.3	1	1	2	5	0.021	0.052	0.007	0.021	0.007	0.020	0.017	0.046
RES	RES0347	0.3	1	1	2	5	0.022	0.055	0.007	0.022	0.007	0.022	0.020	0.053
RES	RES0348	0.3	1	1	2	5	0.024	0.062	0.009	0.026	0.008	0.025	0.023	0.060
RES	RES0349	0.3	1	1	2	5	0.022	0.056	0.008	0.023	0.007	0.022	0.020	0.054
RES	RES0350	0.3	1	1	2	5	0.020	0.050	0.007	0.021	0.006	0.020	0.015	0.042
RES	RES0351	0.3	1	1	2	5	0.019	0.047	0.006	0.020	0.006	0.018	0.013	0.037
RES	RES0352	0.3	1	1	2	5	0.020	0.051	0.007	0.021	0.006	0.020	0.016	0.044

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0353	0.3	1	1	2	5	0.021	0.053	0.007	0.021	0.007	0.021	0.018	0.048
RES	RES0354	0.3	1	1	2	5	0.025	0.065	0.009	0.027	0.009	0.027	0.022	0.057
RES	RES0355	0.3	1	1	2	5	0.020	0.049	0.007	0.020	0.006	0.019	0.014	0.040
RES	RES0356	0.3	1	1	2	5	0.021	0.053	0.007	0.022	0.007	0.021	0.018	0.049
RES	RES0357	0.3	1	1	2	5	0.019	0.047	0.006	0.020	0.006	0.019	0.014	0.038
RES	RES0358	0.3	1	1	2	5	0.022	0.055	0.007	0.023	0.007	0.022	0.020	0.054
RES	RES0359	0.3	1	1	2	5	0.023	0.058	0.008	0.024	0.008	0.024	0.021	0.057
RES	RES0360	0.3	1	1	2	5	0.022	0.056	0.008	0.023	0.007	0.023	0.021	0.055
RES	RES0361	0.3	1	1	2	5	0.021	0.053	0.007	0.022	0.007	0.021	0.018	0.049
RES	RES0362	0.3	1	1	2	5	0.023	0.058	0.008	0.024	0.008	0.024	0.021	0.056
RES	RES0363	0.3	1	1	2	5	0.022	0.055	0.007	0.023	0.007	0.022	0.020	0.053
RES	RES0364	0.3	1	1	2	5	0.022	0.056	0.008	0.023	0.008	0.023	0.021	0.055
RES	RES0365	0.3	1	1	2	5	0.022	0.054	0.007	0.022	0.007	0.022	0.019	0.051
RES	RES0366	0.3	1	1	2	5	0.021	0.053	0.007	0.022	0.007	0.021	0.018	0.049
RES	RES0367	0.3	1	1	2	5	0.024	0.061	0.008	0.025	0.008	0.025	0.019	0.051
RES	RES0368	0.3	1	1	2	5	0.023	0.058	0.008	0.024	0.008	0.024	0.018	0.048
RES	RES0369	0.3	1	1	2	5	0.024	0.060	0.008	0.024	0.008	0.024	0.017	0.047
RES	RES0370	0.3	1	1	2	5	0.021	0.052	0.007	0.021	0.007	0.021	0.017	0.047
RES	RES0371	0.3	1	1	2	5	0.021	0.051	0.007	0.021	0.007	0.021	0.017	0.046
RES	RES0372	0.3	1	1	2	5	0.020	0.050	0.007	0.021	0.007	0.020	0.016	0.044
RES	RES0373	0.3	1	1	2	5	0.024	0.059	0.008	0.024	0.008	0.024	0.016	0.045
RES	RES0374	0.3	1	1	2	5	0.020	0.050	0.007	0.020	0.006	0.020	0.016	0.044
RES	RES0375	0.3	1	1	2	5	0.023	0.057	0.008	0.023	0.008	0.023	0.016	0.044
RES	RES0376	0.3	1	1	2	5	0.023	0.057	0.008	0.023	0.008	0.023	0.016	0.044

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0377	0.3	1	1	2	5	0.022	0.056	0.008	0.023	0.008	0.023	0.016	0.044
RES	RES0378	0.3	1	1	2	5	0.021	0.052	0.007	0.022	0.007	0.021	0.017	0.046
RES	RES0379	0.3	1	1	2	5	0.019	0.048	0.006	0.020	0.006	0.019	0.015	0.041
RES	RES0380	0.3	1	1	2	5	0.020	0.050	0.007	0.021	0.007	0.020	0.015	0.042
RES	RES0381	0.3	1	1	2	5	0.020	0.049	0.007	0.020	0.006	0.020	0.015	0.041
RES	RES0382	0.3	1	1	2	5	0.020	0.049	0.007	0.020	0.006	0.020	0.014	0.040
RES	RES0383	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.018	0.013	0.037
RES	RES0384	0.3	1	1	2	5	0.018	0.045	0.006	0.018	0.006	0.018	0.013	0.036
RES	RES0385	0.3	1	1	2	5	0.019	0.048	0.006	0.020	0.006	0.020	0.014	0.039
RES	RES0386	0.3	1	1	2	5	0.018	0.045	0.006	0.018	0.006	0.018	0.013	0.036
RES	RES0387	0.3	1	1	2	5	0.018	0.043	0.006	0.018	0.005	0.017	0.012	0.034
RES	RES0388	0.3	1	1	2	5	0.018	0.044	0.006	0.018	0.006	0.018	0.012	0.035
RES	RES0389	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.019	0.013	0.036
RES	RES0390	0.3	1	1	2	5	0.021	0.052	0.008	0.023	0.007	0.021	0.012	0.033
RES	RES0391	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.019	0.013	0.036
RES	RES0392	0.3	1	1	2	5	0.017	0.042	0.005	0.017	0.005	0.017	0.011	0.032
RES	RES0393	0.3	1	1	2	5	0.020	0.050	0.007	0.022	0.007	0.020	0.011	0.033
RES	RES0394	0.3	1	1	2	5	0.021	0.051	0.008	0.024	0.007	0.021	0.011	0.031
RES	RES0395	0.3	1	1	2	5	0.020	0.050	0.007	0.022	0.006	0.020	0.011	0.032
RES	RES0396	0.3	1	1	2	5	0.020	0.049	0.007	0.021	0.006	0.020	0.011	0.032
RES	RES0397	0.3	1	1	2	5	0.019	0.048	0.007	0.020	0.006	0.019	0.011	0.032
RES	RES0398	0.3	1	1	2	5	0.019	0.048	0.006	0.020	0.006	0.019	0.011	0.032
RES	RES0399	0.3	1	1	2	5	0.020	0.049	0.007	0.021	0.006	0.020	0.011	0.032
RES	RES0400	0.3	1	1	2	5	0.020	0.049	0.007	0.022	0.006	0.020	0.011	0.031

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0401	0.3	1	1	2	5	0.019	0.048	0.006	0.020	0.006	0.019	0.011	0.032
RES	RES0402	0.3	1	1	2	5	0.017	0.041	0.005	0.017	0.005	0.016	0.011	0.031
RES	RES0403	0.3	1	1	2	5	0.017	0.041	0.005	0.017	0.005	0.017	0.011	0.032
RES	RES0404	0.3	1	1	2	5	0.019	0.048	0.007	0.021	0.006	0.019	0.011	0.032
RES	RES0405	0.3	1	1	2	5	0.019	0.047	0.006	0.020	0.006	0.019	0.011	0.032
RES	RES0406	0.3	1	1	2	5	0.019	0.047	0.006	0.019	0.006	0.019	0.011	0.032
RES	RES0407	0.3	1	1	2	5	0.019	0.047	0.006	0.019	0.006	0.019	0.011	0.031
RES	RES0408	0.3	1	1	2	5	0.019	0.047	0.006	0.019	0.006	0.019	0.011	0.031
RES	RES0409	0.3	1	1	2	5	0.019	0.048	0.007	0.021	0.006	0.019	0.011	0.031
RES	RES0410	0.3	1	1	2	5	0.020	0.049	0.007	0.022	0.006	0.020	0.011	0.031
RES	RES0411	0.3	1	1	2	5	0.019	0.047	0.006	0.019	0.006	0.019	0.011	0.031
RES	RES0412	0.3	1	1	2	5	0.018	0.044	0.006	0.018	0.006	0.018	0.011	0.032
RES	RES0413	0.3	1	1	2	5	0.019	0.047	0.006	0.019	0.006	0.019	0.011	0.031
RES	RES0414	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.019	0.011	0.031
RES	RES0415	0.3	1	1	2	5	0.019	0.048	0.007	0.021	0.006	0.019	0.011	0.031
RES	RES0416	0.3	1	1	2	5	0.019	0.047	0.007	0.020	0.006	0.019	0.011	0.031
RES	RES0417	0.3	1	1	2	5	0.017	0.041	0.005	0.017	0.005	0.016	0.011	0.031
RES	RES0418	0.3	1	1	2	5	0.017	0.043	0.005	0.017	0.005	0.017	0.011	0.032
RES	RES0419	0.3	1	1	2	5	0.019	0.048	0.007	0.021	0.006	0.019	0.010	0.030
RES	RES0420	0.3	1	1	2	5	0.016	0.040	0.005	0.016	0.005	0.016	0.010	0.030
RES	RES0421	0.3	1	1	2	5	0.019	0.047	0.006	0.020	0.006	0.019	0.010	0.030
RES	RES0422	0.3	1	1	2	5	0.019	0.048	0.007	0.022	0.006	0.019	0.010	0.029
RES	RES0423	0.3	1	1	2	5	0.019	0.046	0.006	0.020	0.006	0.019	0.010	0.030
RES	RES0424	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.019	0.010	0.030

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0425	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.019	0.010	0.030
RES	RES0426	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.018	0.010	0.030
RES	RES0427	0.3	1	1	2	5	0.019	0.046	0.006	0.019	0.006	0.018	0.010	0.030
RES	RES0428	0.3	1	1	2	5	0.018	0.046	0.006	0.019	0.006	0.018	0.010	0.030
RES	RES0429	0.3	1	1	2	5	0.018	0.045	0.006	0.019	0.006	0.018	0.010	0.030
RES	RES0430	0.3	1	1	2	5	0.018	0.045	0.006	0.019	0.006	0.018	0.010	0.030
RES	RES0431	0.3	1	1	2	5	0.018	0.045	0.006	0.018	0.006	0.018	0.010	0.030
RES	RES0432	0.3	1	1	2	5	0.019	0.047	0.007	0.021	0.006	0.019	0.010	0.029
RES	RES0433	0.3	1	1	2	5	0.011	0.027	0.195	0.384	0.078	0.174	0.195	0.384
RES	RES0434	0.3	1	1	2	5	0.016	0.040	0.005	0.016	0.005	0.016	0.010	0.030
RES	RES0435	0.3	1	1	2	5	0.018	0.046	0.006	0.020	0.006	0.018	0.010	0.029
RES	RES0436	0.3	1	1	2	5	0.018	0.044	0.006	0.018	0.006	0.018	0.010	0.029
RES	RES0437	0.3	1	1	2	5	0.019	0.047	0.007	0.021	0.006	0.019	0.010	0.029
RES	RES0438	0.3	1	1	2	5	0.018	0.045	0.006	0.019	0.006	0.018	0.010	0.029
RES	RES0439	0.3	1	1	2	5	0.018	0.045	0.006	0.019	0.006	0.018	0.010	0.029
RES	RES0440	0.3	1	1	2	5	0.018	0.045	0.006	0.019	0.006	0.018	0.010	0.029
RES	RES0441	0.3	1	1	2	5	0.018	0.045	0.006	0.019	0.006	0.018	0.010	0.029
RES	RES0442	0.3	1	1	2	5	0.018	0.045	0.006	0.018	0.006	0.018	0.010	0.029
RES	RES0443	0.3	1	1	2	5	0.018	0.044	0.006	0.018	0.006	0.018	0.010	0.029
RES	RES0444	0.3	1	1	2	5	0.018	0.044	0.006	0.018	0.006	0.018	0.010	0.029
RES	RES0445	0.3	1	1	2	5	0.018	0.044	0.006	0.018	0.006	0.018	0.010	0.029
RES	RES0446	0.3	1	1	2	5	0.016	0.039	0.005	0.016	0.005	0.016	0.010	0.029
RES	RES0447	0.3	1	1	2	5	0.018	0.045	0.006	0.020	0.006	0.018	0.010	0.029
RES	RES0448	0.3	1	1	2	5	0.018	0.044	0.006	0.018	0.006	0.018	0.010	0.029

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0449	0.3	1	1	2	5	0.018	0.044	0.390	0.701	0.017	0.045	0.018	0.049
RES	RES0450	0.3	1	1	2	5	0.012	0.029	0.020	0.054	0.011	0.032	0.019	0.051
RES	RES0451	0.3	1	1	2	5	0.016	0.040	0.173	0.346	0.008	0.023	0.010	0.028
RES	RES0452	0.3	1	1	2	5	0.044	0.118	0.024	0.063	0.012	0.035	0.024	0.063
RES	RES0453	0.3	1	1	2	5	0.174	0.517	0.203	0.398	0.203	0.398	0.200	0.392
RES	RES0454	0.3	1	1	2	5	0.091	0.257	0.055	0.129	0.025	0.065	0.055	0.129
RES	RES0455	0.3	1	1	2	5	0.030	0.078	0.031	0.078	0.014	0.038	0.031	0.078
RES	RES0456	0.3	1	1	2	5	0.042	0.111	0.020	0.054	0.018	0.048	0.020	0.054
RES	RES0457	0.3	1	1	2	5	0.036	0.095	0.017	0.045	0.014	0.040	0.016	0.045
RES	RES0458	0.3	1	1	2	5	0.041	0.109	0.030	0.075	0.021	0.056	0.030	0.075
RES	RES0459	0.3	1	1	2	5	0.035	0.090	0.022	0.059	0.017	0.047	0.022	0.059
RES	RES0460	0.3	1	1	2	5	0.073	0.201	0.206	0.403	0.123	0.258	0.206	0.403
RES	RES0461	0.3	1	1	2	5	0.030	0.077	0.024	0.061	0.014	0.038	0.024	0.061
RES	RES0462	0.3	1	1	2	5	0.027	0.070	0.020	0.053	0.012	0.035	0.020	0.053
RES	RES0463	0.3	1	1	2	5	0.025	0.063	0.016	0.045	0.010	0.030	0.016	0.045
RES	RES0464	0.3	1	1	2	5	0.023	0.057	0.012	0.033	0.008	0.025	0.012	0.033
RES	RES0465	0.3	1	1	2	5	0.053	0.141	0.022	0.058	0.019	0.050	0.022	0.058
RES	RES0466	0.3	1	1	2	5	0.086	0.241	0.105	0.224	0.096	0.208	0.105	0.224
RES	RES0467	0.3	1	1	2	5	0.071	0.197	0.072	0.163	0.072	0.163	0.054	0.127
RES	RES0468	0.3	1	1	2	5	0.076	0.212	0.046	0.111	0.038	0.093	0.032	0.080
RES	RES0469	0.3	1	1	2	5	0.068	0.186	6.422	7.937	0.193	0.381	6.422	7.937
RES	RES0470	0.3	1	1	2	5	0.064	0.176	0.054	0.125	0.026	0.066	0.054	0.125
RES	RES0471	0.3	1	1	2	5	0.079	0.218	5.721	7.181	0.340	0.622	5.721	7.181
RES	RES0472	0.3	1	1	2	5	0.139	0.404	17.111	18.558	0.387	0.695	17.111	18.558

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0473	0.3	1	1	2	5	0.236	0.719	0.832	1.351	0.144	0.295	0.832	1.351
RES	RES0474	0.3	1	1	2	5	0.086	0.241	1.867	2.721	0.302	0.562	1.867	2.721
RES	RES0475	0.3	1	1	2	5	0.117	0.335	26.413	27.035	1.247	1.918	26.413	27.035
RES	RES0476	0.3	1	1	2	5	0.128	0.371	15.422	16.960	1.228	1.893	15.422	16.960
RES	RES0477	0.3	1	1	2	5	0.158	0.464	34.301	33.908	0.920	1.473	34.301	33.908
RES	RES0478	0.3	1	1	2	5	0.082	0.230	0.075	0.167	0.047	0.111	0.075	0.167
RES	RES0479	0.3	1	1	2	5	0.779	2.554	1.023	1.616	0.951	1.516	0.038	0.092
RES	RES0480	0.3	1	1	2	5	0.045	0.119	0.022	0.058	0.017	0.047	0.022	0.058
RES	RES0481	0.3	1	1	2	5	0.049	0.130	0.029	0.074	0.019	0.051	0.029	0.074
RES	RES0482	0.3	1	1	2	5	0.029	0.074	0.012	0.034	0.010	0.030	0.012	0.034
RES	RES0483	0.3	1	1	2	5	0.165	0.489	0.251	0.478	0.096	0.208	0.251	0.478
RES	RES0484	0.3	1	1	2	5	0.066	0.181	2.857	3.933	1.933	2.804	0.950	1.514
RES	RES0485	0.3	1	1	2	5	0.033	0.086	67.883	61.266	0.237	0.455	0.035	0.086
RES	RES0486	0.3	1	1	2	5	0.062	0.170	3.795	5.031	0.032	0.079	3.795	5.031
RES	RES0487	0.3	1	1	2	5	0.070	0.192	4.259	5.560	0.037	0.092	4.259	5.560
RES	RES0488	0.3	1	1	2	5	0.039	0.104	0.034	0.083	0.032	0.079	0.034	0.083
RES	RES0489	0.3	1	1	2	5	0.045	0.120	0.732	1.209	0.062	0.142	0.094	0.204
RES	RES0490	0.3	1	1	2	5	0.049	0.132	0.448	0.789	0.049	0.115	0.127	0.266
RES	RES0491	0.3	1	1	2	5	0.056	0.152	0.542	0.932	0.038	0.093	0.242	0.464
RES	RES0492	0.3	1	1	2	5	0.053	0.143	0.334	0.612	0.042	0.101	0.163	0.329
RES	RES0493	0.3	1	1	2	5	0.065	0.179	0.617	1.042	0.034	0.084	0.617	1.042
RES	RES0494	0.3	1	1	2	5	0.068	0.186	0.839	1.361	0.036	0.088	0.839	1.361
RES	RES0495	0.3	1	1	2	5	0.062	0.168	0.387	0.696	0.032	0.081	0.352	0.641
RES	RES0496	0.3	1	1	2	5	0.058	0.159	0.306	0.568	0.035	0.086	0.243	0.465

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0497	0.3	1	1	2	5	0.071	0.197	1.141	1.776	0.038	0.094	1.141	1.776
RES	RES0498	0.3	1	1	2	5	0.019	0.047	0.015	0.043	0.009	0.026	0.009	0.026
RES	RES0499	0.3	1	1	2	5	0.084	0.235	2.710	3.758	0.049	0.116	2.710	3.758
RES	RES0500	0.3	1	1	2	5	0.067	0.184	0.437	0.772	0.035	0.087	0.437	0.772
RES	RES0501	0.3	1	1	2	5	0.093	0.261	2.602	3.628	0.057	0.132	2.602	3.628
RES	RES0502	0.3	1	1	2	5	0.098	0.279	3.901	5.153	0.062	0.143	3.901	5.153
RES	RES0503	0.3	1	1	2	5	0.103	0.293	3.758	4.988	0.067	0.152	3.758	4.988
RES	RES0504	0.3	1	1	2	5	0.074	0.205	0.436	0.771	0.040	0.098	0.436	0.771
RES	RES0505	0.3	1	1	2	5	0.070	0.193	0.337	0.617	0.037	0.091	0.337	0.617
RES	RES0506	0.3	1	1	2	5	0.068	0.186	0.273	0.514	0.035	0.087	0.273	0.514
RES	RES0507	0.3	1	1	2	5	0.014	0.033	0.012	0.034	0.005	0.016	0.009	0.028
RES	RES0508	0.3	1	1	2	5	0.082	0.228	0.377	0.681	0.046	0.110	0.377	0.681
RES	RES0509	0.3	1	1	2	5	0.055	0.148	0.118	0.249	0.034	0.085	0.112	0.237
RES	RES0510	0.3	1	1	2	5	0.081	0.227	0.324	0.596	0.046	0.110	0.324	0.596
RES	RES0511	0.3	1	1	2	5	0.059	0.159	0.129	0.268	0.031	0.078	0.129	0.268
RES	RES0512	0.3	1	1	2	5	0.075	0.208	0.245	0.468	0.041	0.099	0.245	0.468
RES	RES0513	0.3	1	1	2	5	0.065	0.179	0.173	0.347	0.033	0.083	0.173	0.347
RES	RES0514	0.3	1	1	2	5	0.067	0.183	0.182	0.361	0.034	0.085	0.182	0.361
RES	RES0515	0.3	1	1	2	5	0.171	0.507	2.964	4.061	0.155	0.315	2.964	4.061
RES	RES0516	0.3	1	1	2	5	0.062	0.171	0.147	0.301	0.031	0.078	0.147	0.301
RES	RES0517	0.3	1	1	2	5	0.025	0.065	0.061	0.141	0.061	0.140	0.017	0.047
RES	RES0518	0.3	1	1	2	5	0.204	0.613	1.935	2.806	0.211	0.412	1.935	2.806
RES	RES0519	0.3	1	1	2	5	0.083	0.231	0.291	0.544	0.046	0.110	0.291	0.544
RES	RES0520	0.3	1	1	2	5	0.094	0.267	0.554	0.949	0.056	0.130	0.554	0.949

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0521	0.3	1	1	2	5	0.015	0.036	0.015	0.042	0.006	0.019	0.010	0.029
RES	RES0522	0.3	1	1	2	5	0.095	0.269	0.886	1.426	0.056	0.130	0.886	1.426
RES	RES0523	0.3	1	1	2	5	0.099	0.280	3.683	4.902	0.059	0.135	3.683	4.902
RES	RES0524	0.3	1	1	2	5	0.046	0.123	0.050	0.118	0.029	0.074	0.050	0.118
RES	RES0525	0.3	1	1	2	5	0.120	0.345	71.823	64.336	0.081	0.179	71.823	64.336
RES	RES0526	0.3	1	1	2	5	0.015	0.037	0.010	0.030	0.005	0.017	0.010	0.030
RES	RES0527	0.3	1	1	2	5	0.063	0.172	0.035	0.086	0.031	0.078	0.033	0.083
RES	RES0528	0.3	1	1	2	5	0.016	0.039	0.028	0.071	0.006	0.018	0.028	0.071
RES	RES0529	0.3	1	1	2	5	0.025	0.064	0.010	0.030	0.010	0.030	0.009	0.028
RES	RES0530	0.3	1	1	2	5	0.023	0.057	0.011	0.032	0.008	0.025	0.011	0.032
RES	RES0531	0.3	1	1	2	5	0.038	0.100	0.022	0.059	0.015	0.043	0.016	0.045
RES	RES0532	0.3	1	1	2	5	0.032	0.084	0.015	0.042	0.015	0.042	0.013	0.038
RES	RES0533	0.3	1	1	2	5	0.031	0.079	0.016	0.045	0.012	0.033	0.012	0.034
RES	RES0534	0.3	1	1	2	5	0.034	0.089	0.016	0.044	0.016	0.044	0.015	0.041
RES	RES0535	0.3	1	1	2	5	0.119	0.343	1.868	2.722	0.225	0.434	0.072	0.162
RES	RES0536	0.3	1	1	2	5	0.110	0.313	0.396	0.710	0.102	0.220	0.052	0.122
RES	RES0537	0.3	1	1	2	5	0.017	0.042	0.021	0.056	0.013	0.036	0.021	0.056
RES	RES0538	0.3	1	1	2	5	0.027	0.070	0.010	0.029	0.010	0.028	0.010	0.028
RES	RES0539	0.3	1	1	2	5	0.196	0.587	7.794	9.387	0.110	0.233	7.794	9.387
RES	RES0540	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.010	0.028	0.010	0.029
RES	RES0541	0.3	1	1	2	5	0.028	0.070	0.010	0.029	0.009	0.028	0.010	0.029
RES	RES0542	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.010	0.029	0.010	0.029
RES	RES0543	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.010	0.028	0.010	0.029
RES	RES0544	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0545	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES0546	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES0547	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.010	0.028	0.010	0.029
RES	RES0548	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES0549	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES0550	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.010	0.029	0.010	0.030
RES	RES0551	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.028	0.010	0.029
RES	RES0552	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES0553	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0554	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0555	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0556	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0557	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.010	0.030	0.011	0.031
RES	RES0558	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0559	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0560	0.3	1	1	2	5	0.029	0.075	0.010	0.030	0.010	0.028	0.010	0.030
RES	RES0561	0.3	1	1	2	5	0.029	0.075	0.010	0.030	0.010	0.028	0.010	0.030
RES	RES0562	0.3	1	1	2	5	0.031	0.080	0.012	0.033	0.011	0.032	0.011	0.033
RES	RES0563	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0564	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0565	0.3	1	1	2	5	0.029	0.076	0.011	0.031	0.010	0.028	0.011	0.031
RES	RES0566	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0567	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0568	0.3	1	1	2	5	0.031	0.079	0.011	0.032	0.011	0.031	0.011	0.032

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0569	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0570	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0571	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.028	0.011	0.031
RES	RES0572	0.3	1	1	2	5	0.033	0.084	0.013	0.037	0.013	0.036	0.012	0.035
RES	RES0573	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES0574	0.3	1	1	2	5	0.030	0.077	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0575	0.3	1	1	2	5	0.102	0.289	0.076	0.169	0.039	0.095	0.076	0.169
RES	RES0576	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0577	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0578	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.011	0.031	0.011	0.033
RES	RES0579	0.3	1	1	2	5	0.044	0.116	0.045	0.107	0.043	0.103	0.045	0.107
RES	RES0580	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.030	0.011	0.033
RES	RES0581	0.3	1	1	2	5	0.031	0.081	0.012	0.033	0.011	0.031	0.012	0.033
RES	RES0582	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0583	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0584	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.012	0.033	0.012	0.034
RES	RES0585	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0586	0.3	1	1	2	5	0.033	0.084	0.012	0.035	0.012	0.034	0.012	0.035
RES	RES0587	0.3	1	1	2	5	0.033	0.085	0.013	0.036	0.012	0.035	0.012	0.035
RES	RES0588	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES0589	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0590	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.028	0.011	0.031
RES	RES0591	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0592	0.3	1	1	2	5	0.034	0.088	0.014	0.038	0.013	0.038	0.013	0.036

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0593	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0594	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0595	0.3	1	1	2	5	0.033	0.086	0.013	0.036	0.012	0.035	0.012	0.036
RES	RES0596	0.3	1	1	2	5	0.031	0.079	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0597	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES0598	0.3	1	1	2	5	0.034	0.088	0.013	0.038	0.013	0.036	0.013	0.036
RES	RES0599	0.3	1	1	2	5	0.034	0.089	0.014	0.038	0.013	0.038	0.013	0.036
RES	RES0600	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.030	0.011	0.033
RES	RES0601	0.3	1	1	2	5	0.031	0.081	0.012	0.033	0.010	0.030	0.012	0.033
RES	RES0602	0.3	1	1	2	5	0.032	0.082	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES0603	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0604	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0605	0.3	1	1	2	5	0.030	0.077	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0606	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES0607	0.3	1	1	2	5	0.032	0.084	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES0608	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0609	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.030	0.011	0.033
RES	RES0610	0.3	1	1	2	5	0.033	0.084	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0611	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.033	0.012	0.035
RES	RES0612	0.3	1	1	2	5	0.033	0.086	0.013	0.036	0.012	0.033	0.012	0.035
RES	RES0613	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0614	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.012	0.035	0.013	0.036
RES	RES0615	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES0616	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0617	0.3	1	1	2	5	0.031	0.079	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0618	0.3	1	1	2	5	0.020	0.050	0.041	0.099	0.019	0.052	0.041	0.099
RES	RES0619	0.3	1	1	2	5	0.030	0.077	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0620	0.3	1	1	2	5	0.033	0.086	0.013	0.036	0.012	0.033	0.013	0.036
RES	RES0621	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0622	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES0623	0.3	1	1	2	5	0.032	0.082	0.012	0.033	0.011	0.031	0.012	0.033
RES	RES0624	0.3	1	1	2	5	0.034	0.089	0.013	0.037	0.012	0.035	0.013	0.037
RES	RES0625	0.3	1	1	2	5	0.031	0.079	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0626	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.012	0.034	0.013	0.036
RES	RES0627	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0628	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0629	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.028	0.011	0.031
RES	RES0630	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES0631	0.3	1	1	2	5	0.033	0.086	0.013	0.036	0.011	0.032	0.013	0.036
RES	RES0632	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0633	0.3	1	1	2	5	0.031	0.079	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0634	0.3	1	1	2	5	0.033	0.084	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0635	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0636	0.3	1	1	2	5	0.031	0.081	0.012	0.033	0.010	0.030	0.012	0.033
RES	RES0637	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0638	0.3	1	1	2	5	0.035	0.090	0.013	0.037	0.012	0.035	0.013	0.037
RES	RES0639	0.3	1	1	2	5	0.034	0.090	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0640	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.010	0.028	0.010	0.030

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0641	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES0642	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.011	0.033	0.013	0.036
RES	RES0643	0.3	1	1	2	5	0.031	0.078	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0644	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0645	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.030	0.011	0.033
RES	RES0646	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0647	0.3	1	1	2	5	0.030	0.077	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0648	0.3	1	1	2	5	0.032	0.082	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES0649	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.028	0.011	0.031
RES	RES0650	0.3	1	1	2	5	0.035	0.090	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0651	0.3	1	1	2	5	0.019	0.046	0.040	0.097	0.016	0.044	0.040	0.097
RES	RES0652	0.3	1	1	2	5	0.035	0.092	0.014	0.038	0.013	0.036	0.014	0.038
RES	RES0653	0.3	1	1	2	5	0.028	0.070	0.010	0.029	0.009	0.027	0.010	0.029
RES	RES0654	0.3	1	1	2	5	0.033	0.084	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0655	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES0656	0.3	1	1	2	5	0.035	0.091	0.013	0.038	0.012	0.035	0.013	0.038
RES	RES0657	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.028	0.010	0.029
RES	RES0658	0.3	1	1	2	5	0.033	0.086	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0659	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.011	0.033	0.013	0.036
RES	RES0660	0.3	1	1	2	5	0.028	0.073	0.064	0.145	0.041	0.100	0.064	0.145
RES	RES0661	0.3	1	1	2	5	0.029	0.076	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0662	0.3	1	1	2	5	0.032	0.082	0.012	0.033	0.011	0.031	0.012	0.033
RES	RES0663	0.3	1	1	2	5	0.035	0.090	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0664	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.031	0.012	0.034

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0665	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.010	0.028	0.010	0.030
RES	RES0666	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.013	0.036	0.014	0.039
RES	RES0667	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0668	0.3	1	1	2	5	0.035	0.092	0.013	0.038	0.012	0.034	0.013	0.038
RES	RES0669	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.030	0.011	0.033
RES	RES0670	0.3	1	1	2	5	0.036	0.093	0.014	0.038	0.012	0.035	0.014	0.038
RES	RES0671	0.3	1	1	2	5	0.033	0.086	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0672	0.3	1	1	2	5	0.032	0.084	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES0673	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.010	0.028	0.010	0.030
RES	RES0674	0.3	1	1	2	5	0.035	0.090	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0675	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.011	0.033	0.013	0.036
RES	RES0676	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.010	0.028	0.010	0.029
RES	RES0677	0.3	1	1	2	5	0.027	0.070	0.010	0.029	0.009	0.028	0.010	0.029
RES	RES0678	0.3	1	1	2	5	0.035	0.091	0.013	0.038	0.012	0.034	0.013	0.038
RES	RES0679	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.012	0.033	0.013	0.036
RES	RES0680	0.3	1	1	2	5	0.030	0.077	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0681	0.3	1	1	2	5	0.036	0.093	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0682	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.010	0.028	0.010	0.030
RES	RES0683	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0684	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.010	0.028	0.010	0.030
RES	RES0685	0.3	1	1	2	5	0.036	0.095	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0686	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.030	0.011	0.033
RES	RES0687	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES0688	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.029	0.011	0.031

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0689	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0690	0.3	1	1	2	5	0.037	0.097	0.014	0.040	0.013	0.037	0.014	0.040
RES	RES0691	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0692	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES0693	0.3	1	1	2	5	0.037	0.098	0.015	0.041	0.013	0.037	0.015	0.040
RES	RES0694	0.3	1	1	2	5	0.036	0.095	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0695	0.3	1	1	2	5	0.038	0.099	0.015	0.041	0.014	0.038	0.015	0.041
RES	RES0696	0.3	1	1	2	5	0.037	0.096	0.014	0.040	0.013	0.036	0.014	0.040
RES	RES0697	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES0698	0.3	1	1	2	5	0.038	0.101	0.016	0.043	0.014	0.040	0.015	0.042
RES	RES0699	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0700	0.3	1	1	2	5	0.025	0.063	0.107	0.229	0.036	0.088	0.107	0.229
RES	RES0701	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0702	0.3	1	1	2	5	0.033	0.087	0.013	0.036	0.011	0.033	0.013	0.036
RES	RES0703	0.3	1	1	2	5	0.034	0.089	0.013	0.037	0.012	0.033	0.013	0.037
RES	RES0704	0.3	1	1	2	5	0.035	0.092	0.013	0.038	0.012	0.035	0.013	0.038
RES	RES0705	0.3	1	1	2	5	0.035	0.091	0.013	0.038	0.012	0.034	0.013	0.038
RES	RES0706	0.3	1	1	2	5	0.038	0.100	0.015	0.042	0.014	0.039	0.015	0.042
RES	RES0707	0.3	1	1	2	5	0.039	0.102	0.016	0.043	0.014	0.040	0.015	0.042
RES	RES0708	0.3	1	1	2	5	0.037	0.097	0.014	0.040	0.013	0.036	0.014	0.040
RES	RES0709	0.3	1	1	2	5	0.037	0.098	0.015	0.040	0.013	0.037	0.015	0.040
RES	RES0710	0.3	1	1	2	5	0.038	0.099	0.015	0.041	0.013	0.037	0.015	0.041
RES	RES0711	0.3	1	1	2	5	0.038	0.100	0.015	0.041	0.013	0.037	0.015	0.041
RES	RES0712	0.3	1	1	2	5	0.015	0.037	0.070	0.157	0.020	0.053	0.032	0.080

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0713	0.3	1	1	2	5	0.038	0.101	0.015	0.042	0.013	0.038	0.015	0.042
RES	RES0714	0.3	1	1	2	5	0.037	0.095	0.014	0.039	0.013	0.036	0.014	0.039
RES	RES0715	0.3	1	1	2	5	0.040	0.104	0.016	0.044	0.015	0.041	0.016	0.043
RES	RES0716	0.3	1	1	2	5	0.039	0.102	0.015	0.042	0.014	0.038	0.015	0.042
RES	RES0717	0.3	1	1	2	5	0.039	0.102	0.015	0.043	0.014	0.039	0.015	0.043
RES	RES0718	0.3	1	1	2	5	0.035	0.091	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0719	0.3	1	1	2	5	0.031	0.079	0.011	0.032	0.010	0.030	0.011	0.032
RES	RES0720	0.3	1	1	2	5	0.041	0.109	0.025	0.064	0.025	0.064	0.017	0.047
RES	RES0721	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.031	0.011	0.033
RES	RES0722	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0723	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES0724	0.3	1	1	2	5	0.040	0.106	0.016	0.044	0.015	0.041	0.016	0.044
RES	RES0725	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES0726	0.3	1	1	2	5	0.024	0.061	0.110	0.233	0.033	0.083	0.110	0.233
RES	RES0727	0.3	1	1	2	5	0.035	0.092	0.013	0.038	0.012	0.035	0.013	0.038
RES	RES0728	0.3	1	1	2	5	0.036	0.093	0.014	0.038	0.012	0.035	0.014	0.038
RES	RES0729	0.3	1	1	2	5	0.036	0.093	0.014	0.038	0.012	0.035	0.014	0.038
RES	RES0730	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0731	0.3	1	1	2	5	0.031	0.081	0.012	0.033	0.011	0.031	0.012	0.033
RES	RES0732	0.3	1	1	2	5	0.036	0.095	0.014	0.039	0.013	0.036	0.014	0.039
RES	RES0733	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0734	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0735	0.3	1	1	2	5	0.037	0.096	0.014	0.040	0.013	0.036	0.014	0.040
RES	RES0736	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.010	0.029	0.010	0.030

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0737	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.012	0.035	0.014	0.039
RES	RES0738	0.3	1	1	2	5	0.036	0.095	0.014	0.039	0.013	0.036	0.014	0.039
RES	RES0739	0.3	1	1	2	5	0.036	0.095	0.014	0.039	0.013	0.036	0.014	0.039
RES	RES0740	0.3	1	1	2	5	0.038	0.098	0.015	0.041	0.013	0.037	0.015	0.041
RES	RES0741	0.3	1	1	2	5	0.040	0.105	0.016	0.044	0.014	0.039	0.016	0.044
RES	RES0742	0.3	1	1	2	5	0.043	0.114	0.023	0.059	0.022	0.059	0.018	0.048
RES	RES0743	0.3	1	1	2	5	0.032	0.082	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES0744	0.3	1	1	2	5	0.041	0.108	0.017	0.046	0.015	0.042	0.016	0.045
RES	RES0745	0.3	1	1	2	5	0.042	0.111	0.018	0.048	0.016	0.044	0.017	0.046
RES	RES0746	0.3	1	1	2	5	0.039	0.101	0.015	0.042	0.013	0.038	0.015	0.042
RES	RES0747	0.3	1	1	2	5	0.038	0.100	0.015	0.041	0.013	0.037	0.015	0.041
RES	RES0748	0.3	1	1	2	5	0.039	0.102	0.015	0.042	0.014	0.038	0.015	0.042
RES	RES0749	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.032	0.012	0.035
RES	RES0750	0.3	1	1	2	5	0.041	0.107	0.016	0.045	0.014	0.040	0.016	0.045
RES	RES0751	0.3	1	1	2	5	0.040	0.104	0.016	0.043	0.014	0.039	0.016	0.043
RES	RES0752	0.3	1	1	2	5	0.015	0.037	0.089	0.195	0.022	0.058	0.037	0.091
RES	RES0753	0.3	1	1	2	5	0.037	0.096	0.014	0.040	0.013	0.036	0.014	0.040
RES	RES0754	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES0755	0.3	1	1	2	5	0.042	0.110	0.017	0.046	0.015	0.042	0.017	0.046
RES	RES0756	0.3	1	1	2	5	0.040	0.105	0.016	0.044	0.014	0.039	0.016	0.044
RES	RES0757	0.3	1	1	2	5	0.041	0.107	0.016	0.045	0.014	0.040	0.016	0.045
RES	RES0758	0.3	1	1	2	5	0.033	0.086	0.012	0.035	0.011	0.033	0.012	0.035
RES	RES0759	0.3	1	1	2	5	0.042	0.110	0.017	0.046	0.015	0.041	0.017	0.046
RES	RES0760	0.3	1	1	2	5	0.032	0.084	0.012	0.034	0.011	0.032	0.012	0.034

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0761	0.3	1	1	2	5	0.042	0.112	0.017	0.047	0.015	0.042	0.017	0.047
RES	RES0762	0.3	1	1	2	5	0.039	0.101	0.015	0.042	0.014	0.038	0.015	0.042
RES	RES0763	0.3	1	1	2	5	0.033	0.087	0.013	0.036	0.011	0.033	0.013	0.036
RES	RES0764	0.3	1	1	2	5	0.040	0.104	0.016	0.043	0.014	0.039	0.016	0.043
RES	RES0765	0.3	1	1	2	5	0.039	0.103	0.016	0.043	0.014	0.039	0.016	0.043
RES	RES0766	0.3	1	1	2	5	0.014	0.034	0.074	0.165	0.013	0.037	0.048	0.115
RES	RES0767	0.3	1	1	2	5	0.043	0.114	0.018	0.048	0.015	0.043	0.017	0.047
RES	RES0768	0.3	1	1	2	5	0.032	0.084	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES0769	0.3	1	1	2	5	0.027	0.068	0.010	0.029	0.010	0.029	0.009	0.028
RES	RES0770	0.3	1	1	2	5	0.033	0.084	0.012	0.034	0.011	0.033	0.012	0.034
RES	RES0771	0.3	1	1	2	5	0.014	0.033	0.084	0.186	0.016	0.044	0.038	0.092
RES	RES0772	0.3	1	1	2	5	0.045	0.118	0.019	0.052	0.018	0.048	0.018	0.050
RES	RES0773	0.3	1	1	2	5	0.041	0.108	0.016	0.045	0.014	0.040	0.016	0.045
RES	RES0774	0.3	1	1	2	5	0.040	0.106	0.016	0.044	0.014	0.040	0.016	0.044
RES	RES0775	0.3	1	1	2	5	0.044	0.118	0.019	0.051	0.017	0.047	0.018	0.049
RES	RES0776	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.012	0.033	0.013	0.036
RES	RES0777	0.3	1	1	2	5	0.032	0.082	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES0778	0.3	1	1	2	5	0.041	0.109	0.017	0.045	0.015	0.041	0.017	0.045
RES	RES0779	0.3	1	1	2	5	0.042	0.110	0.017	0.046	0.015	0.041	0.017	0.046
RES	RES0780	0.3	1	1	2	5	0.044	0.118	0.019	0.051	0.017	0.046	0.018	0.049
RES	RES0781	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.011	0.033	0.012	0.034
RES	RES0782	0.3	1	1	2	5	0.032	0.084	0.012	0.034	0.011	0.033	0.012	0.034
RES	RES0783	0.3	1	1	2	5	0.033	0.084	0.012	0.035	0.011	0.033	0.012	0.035
RES	RES0784	0.3	1	1	2	5	0.042	0.111	0.017	0.046	0.015	0.041	0.017	0.046

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0785	0.3	1	1	2	5	0.033	0.084	0.012	0.035	0.011	0.033	0.012	0.034
RES	RES0786	0.3	1	1	2	5	0.044	0.115	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0787	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.033	0.012	0.035
RES	RES0788	0.3	1	1	2	5	0.043	0.113	0.017	0.047	0.015	0.042	0.017	0.047
RES	RES0789	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.011	0.033	0.012	0.035
RES	RES0790	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.012	0.033	0.012	0.035
RES	RES0791	0.3	1	1	2	5	0.045	0.118	0.019	0.051	0.017	0.046	0.018	0.050
RES	RES0792	0.3	1	1	2	5	0.033	0.086	0.012	0.035	0.012	0.033	0.012	0.035
RES	RES0793	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.011	0.031	0.011	0.031
RES	RES0794	0.3	1	1	2	5	0.029	0.075	0.011	0.032	0.011	0.031	0.011	0.031
RES	RES0795	0.3	1	1	2	5	0.034	0.089	0.013	0.036	0.012	0.034	0.013	0.036
RES	RES0796	0.3	1	1	2	5	0.045	0.119	0.019	0.050	0.017	0.045	0.018	0.050
RES	RES0797	0.3	1	1	2	5	0.045	0.119	0.019	0.050	0.016	0.045	0.018	0.050
RES	RES0798	0.3	1	1	2	5	0.033	0.086	0.012	0.035	0.012	0.033	0.012	0.035
RES	RES0799	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.011	0.032	0.011	0.031
RES	RES0800	0.3	1	1	2	5	0.045	0.118	0.018	0.050	0.016	0.044	0.018	0.050
RES	RES0801	0.3	1	1	2	5	0.030	0.078	0.011	0.033	0.011	0.032	0.011	0.032
RES	RES0802	0.3	1	1	2	5	0.031	0.079	0.011	0.033	0.011	0.032	0.011	0.032
RES	RES0803	0.3	1	1	2	5	0.034	0.089	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0804	0.3	1	1	2	5	0.035	0.091	0.013	0.037	0.012	0.034	0.013	0.037
RES	RES0805	0.3	1	1	2	5	0.044	0.116	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0806	0.3	1	1	2	5	0.035	0.092	0.013	0.038	0.012	0.035	0.013	0.038
RES	RES0807	0.3	1	1	2	5	0.026	0.066	0.010	0.029	0.010	0.029	0.010	0.028
RES	RES0808	0.3	1	1	2	5	0.045	0.119	0.018	0.050	0.016	0.044	0.018	0.050

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0809	0.3	1	1	2	5	0.040	0.104	0.016	0.043	0.014	0.039	0.016	0.043
RES	RES0810	0.3	1	1	2	5	0.026	0.067	0.010	0.029	0.010	0.029	0.010	0.029
RES	RES0811	0.3	1	1	2	5	0.033	0.084	0.012	0.035	0.012	0.033	0.012	0.035
RES	RES0812	0.3	1	1	2	5	0.027	0.069	0.010	0.030	0.010	0.030	0.010	0.029
RES	RES0813	0.3	1	1	2	5	0.035	0.090	0.013	0.037	0.012	0.035	0.013	0.037
RES	RES0814	0.3	1	1	2	5	0.033	0.086	0.013	0.036	0.012	0.034	0.012	0.035
RES	RES0815	0.3	1	1	2	5	0.047	0.125	0.020	0.054	0.018	0.049	0.020	0.053
RES	RES0816	0.3	1	1	2	5	0.027	0.070	0.010	0.030	0.010	0.030	0.010	0.029
RES	RES0817	0.3	1	1	2	5	0.027	0.070	0.010	0.030	0.010	0.030	0.010	0.029
RES	RES0818	0.3	1	1	2	5	0.028	0.072	0.011	0.031	0.011	0.031	0.010	0.030
RES	RES0819	0.3	1	1	2	5	0.044	0.118	0.018	0.049	0.016	0.044	0.018	0.049
RES	RES0820	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.012	0.034	0.013	0.036
RES	RES0821	0.3	1	1	2	5	0.029	0.073	0.011	0.031	0.011	0.031	0.010	0.030
RES	RES0822	0.3	1	1	2	5	0.047	0.125	0.020	0.054	0.018	0.048	0.020	0.053
RES	RES0823	0.3	1	1	2	5	0.029	0.074	0.011	0.032	0.011	0.031	0.010	0.030
RES	RES0824	0.3	1	1	2	5	0.044	0.118	0.018	0.049	0.016	0.044	0.018	0.049
RES	RES0825	0.3	1	1	2	5	0.047	0.125	0.020	0.053	0.017	0.047	0.020	0.053
RES	RES0826	0.3	1	1	2	5	0.044	0.117	0.018	0.049	0.016	0.044	0.018	0.049
RES	RES0827	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.011	0.032	0.011	0.031
RES	RES0828	0.3	1	1	2	5	0.040	0.107	0.016	0.044	0.014	0.040	0.016	0.044
RES	RES0829	0.3	1	1	2	5	0.030	0.077	0.011	0.033	0.011	0.032	0.011	0.031
RES	RES0830	0.3	1	1	2	5	0.029	0.075	0.011	0.032	0.011	0.032	0.011	0.031
RES	RES0831	0.3	1	1	2	5	0.047	0.126	0.020	0.053	0.017	0.047	0.020	0.053
RES	RES0832	0.3	1	1	2	5	0.035	0.092	0.013	0.038	0.012	0.035	0.013	0.038

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0833	0.3	1	1	2	5	0.047	0.126	0.020	0.053	0.017	0.047	0.020	0.053
RES	RES0834	0.3	1	1	2	5	0.044	0.117	0.018	0.049	0.016	0.044	0.018	0.049
RES	RES0835	0.3	1	1	2	5	0.028	0.071	0.011	0.031	0.010	0.030	0.010	0.030
RES	RES0836	0.3	1	1	2	5	0.044	0.117	0.018	0.049	0.016	0.043	0.018	0.049
RES	RES0837	0.3	1	1	2	5	0.048	0.128	0.021	0.055	0.018	0.049	0.020	0.054
RES	RES0838	0.3	1	1	2	5	0.031	0.079	0.012	0.034	0.011	0.033	0.011	0.032
RES	RES0839	0.3	1	1	2	5	0.047	0.126	0.020	0.053	0.017	0.046	0.020	0.053
RES	RES0840	0.3	1	1	2	5	0.048	0.128	0.036	0.089	0.036	0.088	0.021	0.055
RES	RES0841	0.3	1	1	2	5	0.044	0.116	0.018	0.049	0.016	0.043	0.018	0.049
RES	RES0842	0.3	1	1	2	5	0.047	0.126	0.020	0.053	0.017	0.046	0.020	0.053
RES	RES0843	0.3	1	1	2	5	0.036	0.093	0.014	0.038	0.013	0.036	0.014	0.038
RES	RES0844	0.3	1	1	2	5	0.044	0.116	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0845	0.3	1	1	2	5	0.032	0.082	0.012	0.035	0.012	0.034	0.012	0.034
RES	RES0846	0.3	1	1	2	5	0.028	0.071	0.011	0.031	0.011	0.031	0.010	0.030
RES	RES0847	0.3	1	1	2	5	0.047	0.126	0.020	0.053	0.017	0.046	0.020	0.053
RES	RES0848	0.3	1	1	2	5	0.049	0.131	0.021	0.056	0.018	0.050	0.021	0.055
RES	RES0849	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.012	0.033	0.011	0.033
RES	RES0850	0.3	1	1	2	5	0.041	0.110	0.017	0.045	0.015	0.041	0.017	0.045
RES	RES0851	0.3	1	1	2	5	0.044	0.115	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0852	0.3	1	1	2	5	0.032	0.084	0.012	0.035	0.012	0.034	0.012	0.034
RES	RES0853	0.3	1	1	2	5	0.047	0.125	0.020	0.053	0.017	0.046	0.020	0.053
RES	RES0854	0.3	1	1	2	5	0.043	0.115	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0855	0.3	1	1	2	5	0.033	0.085	0.013	0.036	0.012	0.034	0.012	0.035
RES	RES0856	0.3	1	1	2	5	0.049	0.130	0.038	0.092	0.037	0.091	0.021	0.056

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0857	0.3	1	1	2	5	0.036	0.093	0.014	0.039	0.013	0.036	0.014	0.038
RES	RES0858	0.3	1	1	2	5	0.047	0.125	0.020	0.052	0.017	0.046	0.020	0.052
RES	RES0859	0.3	1	1	2	5	0.043	0.114	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0860	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.012	0.033	0.011	0.033
RES	RES0861	0.3	1	1	2	5	0.043	0.114	0.017	0.047	0.015	0.043	0.017	0.047
RES	RES0862	0.3	1	1	2	5	0.030	0.076	0.011	0.033	0.011	0.032	0.011	0.031
RES	RES0863	0.3	1	1	2	5	0.028	0.072	0.011	0.031	0.011	0.031	0.010	0.030
RES	RES0864	0.3	1	1	2	5	0.047	0.125	0.020	0.052	0.017	0.046	0.020	0.052
RES	RES0865	0.3	1	1	2	5	0.029	0.074	0.011	0.032	0.011	0.032	0.011	0.031
RES	RES0866	0.3	1	1	2	5	0.029	0.074	0.011	0.032	0.011	0.032	0.011	0.031
RES	RES0867	0.3	1	1	2	5	0.026	0.067	0.010	0.029	0.010	0.029	0.010	0.029
RES	RES0868	0.3	1	1	2	5	0.047	0.124	0.019	0.052	0.017	0.046	0.019	0.052
RES	RES0869	0.3	1	1	2	5	0.029	0.075	0.011	0.033	0.011	0.032	0.011	0.031
RES	RES0870	0.3	1	1	2	5	0.026	0.067	0.010	0.030	0.010	0.030	0.010	0.030
RES	RES0871	0.3	1	1	2	5	0.043	0.114	0.017	0.047	0.015	0.043	0.017	0.047
RES	RES0872	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.012	0.034	0.012	0.034
RES	RES0873	0.3	1	1	2	5	0.030	0.076	0.011	0.033	0.011	0.032	0.011	0.031
RES	RES0874	0.3	1	1	2	5	0.026	0.067	0.010	0.030	0.010	0.030	0.010	0.030
RES	RES0875	0.3	1	1	2	5	0.030	0.078	0.012	0.034	0.011	0.033	0.011	0.032
RES	RES0876	0.3	1	1	2	5	0.031	0.081	0.012	0.035	0.012	0.034	0.011	0.033
RES	RES0877	0.3	1	1	2	5	0.050	0.135	0.022	0.058	0.019	0.050	0.022	0.057
RES	RES0878	0.3	1	1	2	5	0.030	0.077	0.012	0.033	0.011	0.033	0.011	0.032
RES	RES0879	0.3	1	1	2	5	0.043	0.113	0.017	0.047	0.015	0.042	0.017	0.047
RES	RES0880	0.3	1	1	2	5	0.027	0.068	0.010	0.030	0.010	0.030	0.010	0.030

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0881	0.3	1	1	2	5	0.046	0.123	0.019	0.051	0.017	0.046	0.019	0.051
RES	RES0882	0.3	1	1	2	5	0.027	0.069	0.011	0.031	0.010	0.031	0.010	0.030
RES	RES0883	0.3	1	1	2	5	0.049	0.131	0.021	0.055	0.018	0.048	0.021	0.055
RES	RES0884	0.3	1	1	2	5	0.028	0.070	0.011	0.031	0.011	0.031	0.010	0.031
RES	RES0885	0.3	1	1	2	5	0.046	0.122	0.019	0.051	0.017	0.046	0.019	0.051
RES	RES0886	0.3	1	1	2	5	0.028	0.072	0.011	0.032	0.011	0.032	0.011	0.031
RES	RES0887	0.3	1	1	2	5	0.032	0.081	0.012	0.035	0.012	0.034	0.012	0.033
RES	RES0888	0.3	1	1	2	5	0.051	0.138	0.023	0.059	0.019	0.051	0.022	0.058
RES	RES0889	0.3	1	1	2	5	0.046	0.122	0.019	0.051	0.017	0.045	0.019	0.051
RES	RES0890	0.3	1	1	2	5	0.017	0.041	0.126	0.262	0.012	0.034	0.126	0.262
RES	RES0891	0.3	1	1	2	5	0.033	0.084	0.013	0.036	0.012	0.035	0.012	0.035
RES	RES0892	0.3	1	1	2	5	0.050	0.135	0.022	0.057	0.018	0.050	0.022	0.057
RES	RES0893	0.3	1	1	2	5	0.029	0.075	0.011	0.033	0.011	0.033	0.011	0.032
RES	RES0894	0.3	1	1	2	5	0.046	0.121	0.019	0.051	0.017	0.045	0.019	0.051
RES	RES0895	0.3	1	1	2	5	0.049	0.130	0.021	0.055	0.018	0.048	0.021	0.055
RES	RES0896	0.3	1	1	2	5	0.027	0.068	0.010	0.030	0.010	0.030	0.010	0.030
RES	RES0897	0.3	1	1	2	5	0.031	0.080	0.012	0.035	0.012	0.034	0.011	0.033
RES	RES0898	0.3	1	1	2	5	0.030	0.076	0.012	0.033	0.011	0.033	0.011	0.032
RES	RES0899	0.3	1	1	2	5	0.050	0.134	0.021	0.056	0.018	0.049	0.021	0.056
RES	RES0900	0.3	1	1	2	5	0.045	0.120	0.019	0.050	0.016	0.045	0.019	0.050
RES	RES0901	0.3	1	1	2	5	0.030	0.077	0.012	0.034	0.012	0.033	0.011	0.032
RES	RES0902	0.3	1	1	2	5	0.027	0.068	0.010	0.030	0.010	0.030	0.010	0.030
RES	RES0903	0.3	1	1	2	5	0.030	0.078	0.012	0.034	0.012	0.034	0.011	0.032
RES	RES0904	0.3	1	1	2	5	0.027	0.069	0.010	0.030	0.010	0.030	0.010	0.030

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0905	0.3	1	1	2	5	0.031	0.079	0.012	0.035	0.012	0.034	0.011	0.033
RES	RES0906	0.3	1	1	2	5	0.045	0.119	0.018	0.050	0.016	0.045	0.018	0.050
RES	RES0907	0.3	1	1	2	5	0.032	0.082	0.013	0.036	0.012	0.035	0.012	0.034
RES	RES0908	0.3	1	1	2	5	0.051	0.137	0.022	0.058	0.019	0.051	0.022	0.058
RES	RES0909	0.3	1	1	2	5	0.027	0.069	0.011	0.031	0.011	0.031	0.011	0.031
RES	RES0910	0.3	1	1	2	5	0.033	0.085	0.013	0.037	0.013	0.036	0.012	0.035
RES	RES0911	0.3	1	1	2	5	0.053	0.142	0.023	0.061	0.019	0.052	0.023	0.060
RES	RES0912	0.3	1	1	2	5	0.045	0.119	0.018	0.050	0.016	0.045	0.018	0.050
RES	RES0913	0.3	1	1	2	5	0.029	0.075	0.012	0.033	0.011	0.033	0.011	0.032
RES	RES0914	0.3	1	1	2	5	0.028	0.071	0.011	0.032	0.011	0.032	0.011	0.031
RES	RES0915	0.3	1	1	2	5	0.050	0.133	0.021	0.056	0.018	0.049	0.021	0.056
RES	RES0916	0.3	1	1	2	5	0.028	0.072	0.011	0.032	0.011	0.032	0.011	0.032
RES	RES0917	0.3	1	1	2	5	0.045	0.118	0.018	0.049	0.016	0.044	0.018	0.049
RES	RES0918	0.3	1	1	2	5	0.027	0.070	0.011	0.031	0.011	0.031	0.011	0.031
RES	RES0919	0.3	1	1	2	5	0.051	0.137	0.022	0.058	0.019	0.051	0.022	0.058
RES	RES0920	0.3	1	1	2	5	0.029	0.073	0.011	0.033	0.011	0.032	0.011	0.032
RES	RES0921	0.3	1	1	2	5	0.023	0.056	0.169	0.340	0.026	0.066	0.169	0.340
RES	RES0922	0.3	1	1	2	5	0.047	0.125	0.068	0.154	0.067	0.153	0.035	0.087
RES	RES0923	0.3	1	1	2	5	0.033	0.086	0.013	0.037	0.013	0.036	0.012	0.035
RES	RES0924	0.3	1	1	2	5	0.044	0.116	0.018	0.048	0.016	0.044	0.018	0.048
RES	RES0925	0.3	1	1	2	5	0.052	0.141	0.023	0.060	0.019	0.052	0.023	0.060
RES	RES0926	0.3	1	1	2	5	0.049	0.132	0.021	0.055	0.018	0.049	0.021	0.055
RES	RES0927	0.3	1	1	2	5	0.045	0.119	0.083	0.182	0.081	0.180	0.042	0.102
RES	RES0928	0.3	1	1	2	5	0.049	0.132	0.061	0.140	0.060	0.138	0.030	0.077

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0929	0.3	1	1	2	5	0.044	0.115	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0930	0.3	1	1	2	5	0.051	0.136	0.022	0.057	0.019	0.051	0.022	0.057
RES	RES0931	0.3	1	1	2	5	0.052	0.140	0.023	0.059	0.019	0.052	0.023	0.059
RES	RES0932	0.3	1	1	2	5	0.045	0.118	0.018	0.049	0.016	0.044	0.018	0.049
RES	RES0933	0.3	1	1	2	5	0.033	0.087	0.013	0.037	0.013	0.037	0.013	0.036
RES	RES0934	0.3	1	1	2	5	0.044	0.115	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0935	0.3	1	1	2	5	0.048	0.127	0.020	0.053	0.018	0.048	0.020	0.053
RES	RES0936	0.3	1	1	2	5	0.030	0.076	0.012	0.034	0.012	0.034	0.011	0.033
RES	RES0937	0.3	1	1	2	5	0.030	0.077	0.012	0.034	0.012	0.034	0.012	0.033
RES	RES0938	0.3	1	1	2	5	0.043	0.115	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0939	0.3	1	1	2	5	0.030	0.078	0.012	0.034	0.012	0.034	0.012	0.033
RES	RES0940	0.3	1	1	2	5	0.031	0.079	0.012	0.035	0.012	0.034	0.012	0.033
RES	RES0941	0.3	1	1	2	5	0.031	0.079	0.012	0.035	0.012	0.035	0.012	0.034
RES	RES0942	0.3	1	1	2	5	0.051	0.138	0.059	0.136	0.058	0.135	0.029	0.073
RES	RES0943	0.3	1	1	2	5	0.029	0.074	0.012	0.033	0.012	0.033	0.011	0.033
RES	RES0944	0.3	1	1	2	5	0.031	0.081	0.013	0.036	0.012	0.035	0.012	0.034
RES	RES0945	0.3	1	1	2	5	0.047	0.124	0.019	0.052	0.017	0.046	0.019	0.052
RES	RES0946	0.3	1	1	2	5	0.045	0.120	0.019	0.050	0.017	0.045	0.019	0.050
RES	RES0947	0.3	1	1	2	5	0.055	0.148	0.024	0.063	0.020	0.054	0.024	0.063
RES	RES0948	0.3	1	1	2	5	0.043	0.113	0.017	0.047	0.015	0.043	0.017	0.047
RES	RES0949	0.3	1	1	2	5	0.043	0.115	0.018	0.048	0.016	0.043	0.018	0.048
RES	RES0950	0.3	1	1	2	5	0.048	0.129	0.020	0.054	0.018	0.048	0.020	0.054
RES	RES0951	0.3	1	1	2	5	0.042	0.112	0.017	0.047	0.015	0.042	0.017	0.047
RES	RES0952	0.3	1	1	2	5	0.051	0.137	0.022	0.058	0.019	0.051	0.022	0.058

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0953	0.3	1	1	2	5	0.032	0.084	0.013	0.037	0.013	0.036	0.012	0.035
RES	RES0954	0.3	1	1	2	5	0.048	0.128	0.020	0.053	0.018	0.048	0.020	0.053
RES	RES0955	0.3	1	1	2	5	0.032	0.083	0.013	0.037	0.013	0.036	0.012	0.035
RES	RES0956	0.3	1	1	2	5	0.053	0.144	0.056	0.130	0.055	0.129	0.026	0.067
RES	RES0957	0.3	1	1	2	5	0.033	0.085	0.013	0.037	0.013	0.037	0.012	0.035
RES	RES0958	0.3	1	1	2	5	0.042	0.110	0.017	0.046	0.015	0.042	0.017	0.046
RES	RES0959	0.3	1	1	2	5	0.034	0.087	0.014	0.038	0.013	0.037	0.013	0.036
RES	RES0960	0.3	1	1	2	5	0.054	0.146	0.054	0.127	0.054	0.125	0.025	0.065
RES	RES0961	0.3	1	1	2	5	0.048	0.127	0.020	0.053	0.018	0.048	0.020	0.053
RES	RES0962	0.3	1	1	2	5	0.035	0.090	0.014	0.039	0.014	0.038	0.013	0.037
RES	RES0963	0.3	1	1	2	5	0.046	0.123	0.019	0.051	0.017	0.046	0.019	0.051
RES	RES0964	0.3	1	1	2	5	0.036	0.093	0.014	0.040	0.014	0.039	0.014	0.038
RES	RES0965	0.3	1	1	2	5	0.034	0.089	0.014	0.039	0.013	0.038	0.013	0.037
RES	RES0966	0.3	1	1	2	5	0.041	0.108	0.016	0.045	0.015	0.042	0.016	0.045
RES	RES0967	0.3	1	1	2	5	0.035	0.092	0.014	0.040	0.014	0.039	0.013	0.038
RES	RES0968	0.3	1	1	2	5	0.042	0.112	0.017	0.047	0.015	0.043	0.017	0.047
RES	RES0969	0.3	1	1	2	5	0.047	0.125	0.019	0.052	0.017	0.047	0.019	0.052
RES	RES0970	0.3	1	1	2	5	0.041	0.107	0.016	0.045	0.015	0.042	0.016	0.044
RES	RES0971	0.3	1	1	2	5	0.045	0.118	0.018	0.049	0.016	0.045	0.018	0.049
RES	RES0972	0.3	1	1	2	5	0.040	0.106	0.016	0.045	0.015	0.042	0.016	0.044
RES	RES0973	0.3	1	1	2	5	0.042	0.110	0.017	0.046	0.015	0.042	0.017	0.046
RES	RES0974	0.3	1	1	2	5	0.029	0.075	1.138	1.772	0.268	0.506	0.063	0.145
RES	RES0975	0.3	1	1	2	5	0.031	0.080	0.013	0.036	0.013	0.036	0.012	0.035
RES	RES0976	0.3	1	1	2	5	0.043	0.115	0.018	0.048	0.016	0.043	0.018	0.048

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES0977	0.3	1	1	2	5	0.031	0.081	0.013	0.036	0.013	0.036	0.012	0.035
RES	RES0978	0.3	1	1	2	5	0.032	0.082	0.013	0.036	0.013	0.036	0.012	0.035
RES	RES0979	0.3	1	1	2	5	0.040	0.105	0.016	0.045	0.015	0.042	0.016	0.044
RES	RES0980	0.3	1	1	2	5	0.032	0.083	0.013	0.037	0.013	0.037	0.012	0.035
RES	RES0981	0.3	1	1	2	5	0.031	0.079	0.013	0.036	0.012	0.035	0.012	0.035
RES	RES0982	0.3	1	1	2	5	0.033	0.085	0.013	0.038	0.013	0.037	0.013	0.036
RES	RES0983	0.3	1	1	2	5	0.033	0.086	0.014	0.038	0.013	0.038	0.013	0.036
RES	RES0984	0.3	1	1	2	5	0.044	0.116	0.018	0.048	0.016	0.044	0.018	0.048
RES	RES0985	0.3	1	1	2	5	0.042	0.111	0.017	0.047	0.016	0.043	0.017	0.046
RES	RES0986	0.3	1	1	2	5	0.030	0.078	0.013	0.036	0.012	0.035	0.012	0.035
RES	RES0987	0.3	1	1	2	5	0.039	0.103	0.016	0.044	0.015	0.042	0.015	0.043
RES	RES0988	0.3	1	1	2	5	0.055	0.147	0.024	0.062	0.021	0.055	0.024	0.062
RES	RES0989	0.3	1	1	2	5	0.034	0.090	0.014	0.040	0.014	0.039	0.013	0.038
RES	RES0990	0.3	1	1	2	5	0.121	0.349	0.532	0.916	0.048	0.113	0.055	0.127
RES	RES0991	0.3	1	1	2	5	0.035	0.091	0.014	0.040	0.014	0.039	0.013	0.038
RES	RES0992	0.3	1	1	2	5	0.035	0.092	0.015	0.041	0.014	0.040	0.014	0.038
RES	RES0993	0.3	1	1	2	5	0.043	0.112	0.017	0.047	0.016	0.044	0.017	0.047
RES	RES0994	0.3	1	1	2	5	0.036	0.093	0.015	0.041	0.014	0.040	0.014	0.039
RES	RES0995	0.3	1	1	2	5	0.030	0.077	0.012	0.035	0.012	0.035	0.012	0.035
RES	RES0996	0.3	1	1	2	5	0.037	0.096	0.015	0.042	0.015	0.041	0.014	0.040
RES	RES0997	0.3	1	1	2	5	0.036	0.095	0.015	0.042	0.015	0.040	0.014	0.039
RES	RES0998	0.3	1	1	2	5	0.034	0.087	0.014	0.039	0.014	0.038	0.013	0.037
RES	RES0999	0.3	1	1	2	5	0.038	0.098	0.016	0.043	0.015	0.041	0.015	0.041
RES	RES1000	0.3	1	1	2	5	0.037	0.097	0.015	0.042	0.015	0.041	0.014	0.040

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1001	0.3	1	1	2	5	0.040	0.105	0.016	0.045	0.016	0.043	0.016	0.043
RES	RES1002	0.3	1	1	2	5	0.038	0.100	0.016	0.043	0.015	0.042	0.015	0.041
RES	RES1003	0.3	1	1	2	5	0.031	0.081	0.013	0.037	0.013	0.036	0.013	0.036
RES	RES1004	0.3	1	1	2	5	0.032	0.082	0.013	0.037	0.013	0.037	0.013	0.036
RES	RES1005	0.3	1	1	2	5	0.031	0.079	0.013	0.036	0.013	0.036	0.013	0.036
RES	RES1006	0.3	1	1	2	5	0.033	0.085	0.014	0.038	0.013	0.038	0.013	0.037
RES	RES1007	0.3	1	1	2	5	0.032	0.083	0.013	0.038	0.013	0.037	0.013	0.036
RES	RES1008	0.3	1	1	2	5	0.049	0.132	0.023	0.059	0.018	0.049	0.023	0.059
RES	RES1009	0.3	1	1	2	5	0.039	0.101	0.016	0.044	0.015	0.043	0.015	0.042
RES	RES1010	0.3	1	1	2	5	0.029	0.075	0.012	0.033	0.011	0.032	0.012	0.033
RES	RES1011	0.3	1	1	2	5	0.034	0.088	0.014	0.040	0.014	0.039	0.013	0.038
RES	RES1012	0.3	1	1	2	5	0.035	0.092	0.015	0.041	0.015	0.040	0.014	0.039
RES	RES1013	0.3	1	1	2	5	0.067	0.185	0.046	0.110	0.041	0.100	0.032	0.080
RES	RES1014	0.3	1	1	2	5	0.040	0.106	0.017	0.046	0.016	0.044	0.016	0.044
RES	RES1015	0.3	1	1	2	5	0.039	0.102	0.016	0.045	0.016	0.043	0.015	0.042
RES	RES1016	0.3	1	1	2	5	0.036	0.094	0.015	0.042	0.015	0.041	0.014	0.040
RES	RES1017	0.3	1	1	2	5	0.045	0.119	0.019	0.050	0.017	0.046	0.018	0.050
RES	RES1018	0.3	1	1	2	5	0.037	0.096	0.016	0.043	0.015	0.042	0.015	0.040
RES	RES1019	0.3	1	1	2	5	0.051	0.136	0.022	0.057	0.019	0.051	0.022	0.057
RES	RES1020	0.3	1	1	2	5	0.038	0.098	0.016	0.044	0.015	0.043	0.015	0.041
RES	RES1021	0.3	1	1	2	5	0.031	0.081	0.013	0.037	0.013	0.037	0.013	0.037
RES	RES1022	0.3	1	1	2	5	0.034	0.089	0.014	0.040	0.014	0.040	0.014	0.038
RES	RES1023	0.3	1	1	2	5	0.038	0.100	0.016	0.044	0.016	0.043	0.015	0.042
RES	RES1024	0.3	1	1	2	5	0.036	0.093	0.015	0.042	0.015	0.041	0.014	0.039

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1025	0.3	1	1	2	5	0.070	0.192	0.039	0.095	0.032	0.079	0.034	0.083
RES	RES1026	0.3	1	1	2	5	0.032	0.084	0.014	0.039	0.014	0.038	0.013	0.038
RES	RES1027	0.3	1	1	2	5	0.039	0.103	0.017	0.045	0.016	0.044	0.016	0.043
RES	RES1028	0.3	1	1	2	5	0.033	0.086	0.014	0.039	0.014	0.039	0.014	0.038
RES	RES1029	0.3	1	1	2	5	0.071	0.196	0.038	0.094	0.030	0.076	0.034	0.085
RES	RES1030	0.3	1	1	2	5	0.034	0.090	0.015	0.041	0.015	0.040	0.014	0.039
RES	RES1031	0.3	1	1	2	5	0.027	0.068	0.010	0.029	0.009	0.028	0.010	0.029
RES	RES1032	0.3	1	1	2	5	0.032	0.082	0.013	0.038	0.013	0.038	0.013	0.037
RES	RES1033	0.3	1	1	2	5	0.036	0.093	0.015	0.042	0.015	0.042	0.014	0.040
RES	RES1034	0.3	1	1	2	5	0.071	0.196	0.037	0.092	0.029	0.073	0.034	0.086
RES	RES1035	0.3	1	1	2	5	0.033	0.084	0.014	0.039	0.014	0.039	0.014	0.038
RES	RES1036	0.3	1	1	2	5	0.033	0.087	0.014	0.040	0.014	0.040	0.014	0.039
RES	RES1037	0.3	1	1	2	5	0.037	0.096	0.016	0.043	0.015	0.043	0.015	0.041
RES	RES1038	0.3	1	1	2	5	0.034	0.089	0.015	0.041	0.015	0.041	0.014	0.039
RES	RES1039	0.3	1	1	2	5	0.065	0.178	0.073	0.164	0.071	0.160	0.030	0.075
RES	RES1040	0.3	1	1	2	5	0.041	0.109	0.018	0.048	0.017	0.046	0.016	0.045
RES	RES1041	0.3	1	1	2	5	0.038	0.098	0.016	0.044	0.016	0.043	0.015	0.042
RES	RES1042	0.3	1	1	2	5	0.072	0.198	0.037	0.091	0.028	0.071	0.035	0.086
RES	RES1043	0.3	1	1	2	5	0.331	1.033	1.794	2.628	0.377	0.680	1.794	2.628
RES	RES1044	0.3	1	1	2	5	0.038	0.100	0.016	0.045	0.016	0.044	0.015	0.042
RES	RES1045	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES1046	0.3	1	1	2	5	0.037	0.097	0.016	0.044	0.016	0.043	0.015	0.041
RES	RES1047	0.3	1	1	2	5	0.028	0.071	0.010	0.030	0.010	0.029	0.010	0.030
RES	RES1048	0.3	1	1	2	5	0.039	0.102	0.017	0.046	0.016	0.045	0.016	0.043

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1049	0.3	1	1	2	5	0.027	0.068	0.010	0.030	0.010	0.028	0.010	0.028
RES	RES1050	0.3	1	1	2	5	0.036	0.094	0.016	0.043	0.015	0.042	0.014	0.040
RES	RES1051	0.3	1	1	2	5	0.021	0.051	0.010	0.030	0.009	0.026	0.008	0.025
RES	RES1052	0.3	1	1	2	5	0.042	0.110	0.018	0.048	0.015	0.041	0.018	0.048
RES	RES1053	0.3	1	1	2	5	0.072	0.200	0.036	0.090	0.028	0.072	0.035	0.087
RES	RES1054	0.3	1	1	2	5	0.040	0.106	0.017	0.047	0.017	0.046	0.016	0.044
RES	RES1055	0.3	1	1	2	5	0.075	0.208	0.043	0.103	0.032	0.081	0.037	0.091
RES	RES1056	0.3	1	1	2	5	0.068	0.186	0.032	0.080	0.026	0.068	0.032	0.080
RES	RES1057	0.3	1	1	2	5	0.032	0.084	0.013	0.038	0.013	0.037	0.013	0.038
RES	RES1058	0.3	1	1	2	5	0.033	0.085	0.014	0.039	0.014	0.038	0.014	0.039
RES	RES1059	0.3	1	1	2	5	0.033	0.085	0.014	0.040	0.014	0.039	0.014	0.039
RES	RES1060	0.3	1	1	2	5	0.033	0.085	0.014	0.039	0.014	0.039	0.014	0.039
RES	RES1061	0.3	1	1	2	5	0.033	0.086	0.014	0.040	0.014	0.040	0.014	0.040
RES	RES1062	0.3	1	1	2	5	0.033	0.086	0.014	0.040	0.014	0.040	0.014	0.040
RES	RES1063	0.3	1	1	2	5	0.052	0.139	0.022	0.058	0.020	0.052	0.022	0.058
RES	RES1064	0.3	1	1	2	5	0.034	0.088	0.015	0.041	0.015	0.041	0.014	0.040
RES	RES1065	0.3	1	1	2	5	0.037	0.095	0.016	0.044	0.016	0.044	0.015	0.042
RES	RES1066	0.3	1	1	2	5	0.066	0.181	0.031	0.078	0.026	0.067	0.031	0.078
RES	RES1067	0.3	1	1	2	5	0.034	0.089	0.015	0.042	0.015	0.042	0.015	0.041
RES	RES1068	0.3	1	1	2	5	0.072	0.199	0.035	0.087	0.028	0.072	0.035	0.087
RES	RES1069	0.3	1	1	2	5	0.035	0.091	0.015	0.043	0.015	0.042	0.015	0.041
RES	RES1070	0.3	1	1	2	5	0.037	0.098	0.016	0.045	0.016	0.045	0.015	0.042
RES	RES1071	0.3	1	1	2	5	0.066	0.180	0.031	0.077	0.026	0.067	0.031	0.077
RES	RES1072	0.3	1	1	2	5	0.078	0.218	0.043	0.103	0.031	0.078	0.039	0.096

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1073	0.3	1	1	2	5	0.038	0.099	0.017	0.046	0.016	0.045	0.016	0.043
RES	RES1074	0.3	1	1	2	5	0.039	0.102	0.017	0.047	0.017	0.046	0.016	0.044
RES	RES1075	0.3	1	1	2	5	0.072	0.199	0.035	0.087	0.028	0.073	0.035	0.087
RES	RES1076	0.3	1	1	2	5	0.079	0.220	0.045	0.108	0.033	0.082	0.040	0.097
RES	RES1077	0.3	1	1	2	5	0.072	0.198	0.035	0.086	0.028	0.072	0.035	0.086
RES	RES1078	0.3	1	1	2	5	0.038	0.101	0.017	0.046	0.017	0.046	0.016	0.043
RES	RES1079	0.3	1	1	2	5	0.040	0.105	0.018	0.048	0.017	0.047	0.016	0.045
RES	RES1080	0.3	1	1	2	5	0.072	0.198	0.035	0.086	0.028	0.072	0.035	0.086
RES	RES1081	0.3	1	1	2	5	0.071	0.196	0.034	0.085	0.028	0.072	0.034	0.085
RES	RES1082	0.3	1	1	2	5	0.056	0.151	0.025	0.064	0.022	0.057	0.025	0.064
RES	RES1083	0.3	1	1	2	5	0.071	0.197	0.034	0.085	0.028	0.072	0.034	0.085
RES	RES1084	0.3	1	1	2	5	0.071	0.195	0.034	0.084	0.028	0.072	0.034	0.084
RES	RES1085	0.3	1	1	2	5	0.070	0.192	0.033	0.083	0.028	0.071	0.033	0.083
RES	RES1086	0.3	1	1	2	5	0.071	0.195	0.034	0.084	0.028	0.072	0.034	0.084
RES	RES1087	0.3	1	1	2	5	0.083	0.231	0.045	0.108	0.033	0.082	0.042	0.102
RES	RES1088	0.3	1	1	2	5	0.084	0.234	0.048	0.114	0.033	0.083	0.043	0.104
RES	RES1089	0.3	1	1	2	5	0.079	0.220	0.040	0.097	0.032	0.079	0.040	0.097
RES	RES1090	0.3	1	1	2	5	0.035	0.090	0.015	0.042	0.015	0.042	0.015	0.042
RES	RES1091	0.3	1	1	2	5	0.069	0.191	0.033	0.082	0.028	0.070	0.033	0.082
RES	RES1092	0.3	1	1	2	5	0.035	0.091	0.015	0.043	0.015	0.042	0.015	0.042
RES	RES1093	0.3	1	1	2	5	0.069	0.190	0.033	0.082	0.027	0.070	0.033	0.082
RES	RES1094	0.3	1	1	2	5	0.035	0.092	0.016	0.044	0.016	0.043	0.016	0.043
RES	RES1095	0.3	1	1	2	5	0.046	0.122	0.021	0.055	0.020	0.052	0.019	0.051
RES	RES1096	0.3	1	1	2	5	0.036	0.093	0.016	0.044	0.016	0.044	0.016	0.043

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1097	0.3	1	1	2	5	0.069	0.189	0.033	0.081	0.027	0.070	0.033	0.081
RES	RES1098	0.3	1	1	2	5	0.068	0.187	0.032	0.080	0.027	0.069	0.032	0.080
RES	RES1099	0.3	1	1	2	5	0.086	0.241	0.050	0.118	0.034	0.085	0.045	0.107
RES	RES1100	0.3	1	1	2	5	0.038	0.099	0.017	0.046	0.017	0.046	0.016	0.044
RES	RES1101	0.3	1	1	2	5	0.067	0.185	0.032	0.080	0.027	0.069	0.032	0.080
RES	RES1102	0.3	1	1	2	5	0.037	0.097	0.017	0.046	0.017	0.046	0.016	0.044
RES	RES1103	0.3	1	1	2	5	0.038	0.100	0.017	0.047	0.017	0.047	0.016	0.045
RES	RES1104	0.3	1	1	2	5	0.086	0.242	0.048	0.113	0.035	0.086	0.045	0.108
RES	RES1105	0.3	1	1	2	5	0.067	0.184	0.032	0.079	0.027	0.068	0.032	0.079
RES	RES1106	0.3	1	1	2	5	0.039	0.102	0.018	0.048	0.018	0.048	0.017	0.045
RES	RES1107	0.3	1	1	2	5	0.039	0.104	0.018	0.049	0.018	0.048	0.017	0.046
RES	RES1108	0.3	1	1	2	5	0.050	0.134	0.023	0.059	0.021	0.055	0.021	0.056
RES	RES1109	0.3	1	1	2	5	0.083	0.232	0.042	0.102	0.033	0.083	0.042	0.102
RES	RES1110	0.3	1	1	2	5	0.040	0.105	0.018	0.049	0.018	0.049	0.017	0.046
RES	RES1111	0.3	1	1	2	5	0.041	0.107	0.019	0.050	0.018	0.049	0.017	0.047
RES	RES1112	0.3	1	1	2	5	0.066	0.182	0.031	0.078	0.026	0.068	0.031	0.078
RES	RES1113	0.3	1	1	2	5	0.075	0.208	0.037	0.090	0.030	0.076	0.037	0.090
RES	RES1114	0.3	1	1	2	5	0.041	0.108	0.019	0.051	0.018	0.050	0.017	0.047
RES	RES1115	0.3	1	1	2	5	0.066	0.180	0.031	0.077	0.026	0.067	0.031	0.077
RES	RES1116	0.3	1	1	2	5	0.028	0.072	-*	-*	0.394	0.706	0.066	0.150
RES	RES1117	0.3	1	1	2	5	0.075	0.207	0.037	0.090	0.030	0.076	0.037	0.090
RES	RES1118	0.3	1	1	2	5	0.089	0.251	0.050	0.118	0.036	0.089	0.047	0.112
RES	RES1119	0.3	1	1	2	5	0.050	0.133	0.023	0.060	0.021	0.056	0.021	0.056
RES	RES1120	0.3	1	1	2	5	0.065	0.179	0.030	0.077	0.026	0.067	0.030	0.077

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1121	0.3	1	1	2	5	0.075	0.206	0.036	0.090	0.030	0.076	0.036	0.090
RES	RES1122	0.3	1	1	2	5	0.049	0.132	0.023	0.059	0.021	0.056	0.021	0.055
RES	RES1123	0.3	1	1	2	5	0.082	0.228	0.042	0.101	0.033	0.083	0.042	0.101
RES	RES1124	0.3	1	1	2	5	0.089	0.252	0.048	0.114	0.036	0.089	0.047	0.112
RES	RES1125	0.3	1	1	2	5	0.037	0.096	0.017	0.046	0.017	0.045	0.016	0.045
RES	RES1126	0.3	1	1	2	5	0.086	0.240	0.044	0.107	0.035	0.086	0.044	0.107
RES	RES1127	0.3	1	1	2	5	0.074	0.205	0.036	0.089	0.030	0.076	0.036	0.089
RES	RES1128	0.3	1	1	2	5	0.036	0.095	0.016	0.044	0.016	0.044	0.016	0.044
RES	RES1129	0.3	1	1	2	5	0.070	0.194	0.034	0.084	0.028	0.072	0.034	0.084
RES	RES1130	0.3	1	1	2	5	0.093	0.261	0.055	0.128	0.037	0.092	0.050	0.117
RES	RES1131	0.3	1	1	2	5	0.035	0.090	0.015	0.040	0.014	0.039	0.015	0.040
RES	RES1132	0.3	1	1	2	5	0.036	0.095	0.016	0.045	0.016	0.044	0.016	0.044
RES	RES1133	0.3	1	1	2	5	0.074	0.204	0.036	0.089	0.030	0.075	0.036	0.089
RES	RES1134	0.3	1	1	2	5	0.037	0.096	0.016	0.045	0.016	0.045	0.016	0.045
RES	RES1135	0.3	1	1	2	5	0.069	0.189	0.033	0.081	0.027	0.070	0.033	0.081
RES	RES1136	0.3	1	1	2	5	0.037	0.096	0.017	0.046	0.017	0.045	0.016	0.045
RES	RES1137	0.3	1	1	2	5	0.081	0.227	0.041	0.100	0.033	0.083	0.041	0.100
RES	RES1138	0.3	1	1	2	5	0.049	0.130	0.023	0.059	0.021	0.056	0.021	0.055
RES	RES1139	0.3	1	1	2	5	0.084	0.236	0.043	0.104	0.034	0.085	0.043	0.104
RES	RES1140	0.3	1	1	2	5	0.094	0.264	0.052	0.123	0.038	0.093	0.050	0.119
RES	RES1141	0.3	1	1	2	5	0.048	0.129	0.023	0.059	0.021	0.056	0.021	0.055
RES	RES1142	0.3	1	1	2	5	0.039	0.102	0.018	0.049	0.018	0.049	0.017	0.047
RES	RES1143	0.3	1	1	2	5	0.038	0.100	0.018	0.049	0.018	0.048	0.017	0.047
RES	RES1144	0.3	1	1	2	5	0.070	0.194	0.034	0.084	0.028	0.072	0.034	0.084

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1145	0.3	1	1	2	5	0.040	0.104	0.019	0.050	0.018	0.050	0.018	0.048
RES	RES1146	0.3	1	1	2	5	0.039	0.101	0.018	0.049	0.018	0.049	0.017	0.047
RES	RES1147	0.3	1	1	2	5	0.048	0.127	0.022	0.059	0.021	0.056	0.021	0.055
RES	RES1148	0.3	1	1	2	5	0.040	0.106	0.019	0.051	0.019	0.051	0.018	0.048
RES	RES1149	0.3	1	1	2	5	0.080	0.224	0.040	0.098	0.033	0.082	0.040	0.098
RES	RES1150	0.3	1	1	2	5	0.074	0.204	0.036	0.089	0.030	0.076	0.036	0.089
RES	RES1151	0.3	1	1	2	5	0.079	0.221	0.040	0.096	0.032	0.081	0.040	0.096
RES	RES1152	0.3	1	1	2	5	0.060	0.163	0.028	0.071	0.024	0.062	0.027	0.070
RES	RES1153	0.3	1	1	2	5	0.041	0.108	0.019	0.052	0.019	0.051	0.018	0.049
RES	RES1154	0.3	1	1	2	5	0.047	0.125	0.022	0.058	0.021	0.056	0.020	0.054
RES	RES1155	0.3	1	1	2	5	0.042	0.111	0.020	0.053	0.020	0.053	0.018	0.049
RES	RES1156	0.3	1	1	2	5	0.041	0.109	0.020	0.052	0.019	0.052	0.018	0.049
RES	RES1157	0.3	1	1	2	5	0.079	0.219	0.039	0.096	0.032	0.080	0.039	0.096
RES	RES1158	0.3	1	1	2	5	0.099	0.281	0.059	0.137	0.040	0.098	0.055	0.127
RES	RES1159	0.3	1	1	2	5	0.036	0.093	0.015	0.042	0.014	0.040	0.015	0.042
RES	RES1160	0.3	1	1	2	5	0.087	0.244	0.045	0.108	0.036	0.089	0.045	0.108
RES	RES1161	0.3	1	1	2	5	0.060	0.163	0.028	0.072	0.024	0.063	0.027	0.069
RES	RES1162	0.3	1	1	2	5	0.062	0.170	0.029	0.074	0.025	0.064	0.029	0.073
RES	RES1163	0.3	1	1	2	5	0.072	0.199	0.035	0.086	0.029	0.074	0.035	0.086
RES	RES1164	0.3	1	1	2	5	0.079	0.218	0.039	0.095	0.032	0.080	0.039	0.095
RES	RES1165	0.3	1	1	2	5	0.026	0.067	0.012	0.035	0.011	0.032	0.010	0.030
RES	RES1166	0.3	1	1	2	5	0.079	0.219	0.039	0.096	0.032	0.081	0.039	0.096
RES	RES1167	0.3	1	1	2	5	0.076	0.212	0.038	0.092	0.031	0.078	0.038	0.092
RES	RES1168	0.3	1	1	2	5	0.056	0.151	0.027	0.068	0.024	0.063	0.025	0.064

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1169	0.3	1	1	2	5	0.036	0.094	0.015	0.042	0.015	0.040	0.015	0.042
RES	RES1170	0.3	1	1	2	5	0.074	0.204	0.036	0.088	0.030	0.076	0.036	0.088
RES	RES1171	0.3	1	1	2	5	0.058	0.157	0.028	0.071	0.025	0.064	0.026	0.066
RES	RES1172	0.3	1	1	2	5	0.060	0.164	0.029	0.073	0.025	0.065	0.027	0.070
RES	RES1173	0.3	1	1	2	5	0.055	0.149	0.027	0.068	0.024	0.063	0.024	0.063
RES	RES1174	0.3	1	1	2	5	0.078	0.218	0.039	0.095	0.032	0.081	0.039	0.095
RES	RES1175	0.3	1	1	2	5	0.037	0.095	0.015	0.043	0.015	0.041	0.015	0.043
RES	RES1176	0.3	1	1	2	5	0.092	0.259	0.049	0.115	0.038	0.094	0.049	0.115
RES	RES1177	0.3	1	1	2	5	0.076	0.211	0.037	0.092	0.031	0.078	0.037	0.092
RES	RES1178	0.3	1	1	2	5	0.040	0.104	0.019	0.051	0.019	0.050	0.018	0.050
RES	RES1179	0.3	1	1	2	5	0.072	0.197	0.034	0.085	0.029	0.074	0.034	0.085
RES	RES1180	0.3	1	1	2	5	0.021	0.052	3.998	5.264	0.018	0.048	0.825	1.340
RES	RES1181	0.3	1	1	2	5	0.058	0.159	0.028	0.072	0.025	0.065	0.026	0.067
RES	RES1182	0.3	1	1	2	5	0.099	0.280	0.054	0.126	0.041	0.100	0.054	0.126
RES	RES1183	0.3	1	1	2	5	0.042	0.112	0.021	0.055	0.021	0.055	0.019	0.052
RES	RES1184	0.3	1	1	2	5	0.042	0.110	0.020	0.054	0.020	0.054	0.019	0.052
RES	RES1185	0.3	1	1	2	5	0.081	0.225	0.041	0.098	0.033	0.083	0.041	0.098
RES	RES1186	0.3	1	1	2	5	0.064	0.176	0.031	0.078	0.026	0.067	0.030	0.075
RES	RES1187	0.3	1	1	2	5	0.077	0.215	0.038	0.094	0.032	0.080	0.038	0.094
RES	RES1188	0.3	1	1	2	5	0.061	0.167	0.030	0.075	0.026	0.067	0.028	0.071
RES	RES1189	0.3	1	1	2	5	0.037	0.097	0.016	0.043	0.015	0.041	0.016	0.043
RES	RES1190	0.3	1	1	2	5	0.044	0.116	0.021	0.057	0.021	0.056	0.020	0.053
RES	RES1191	0.3	1	1	2	5	0.073	0.202	0.036	0.088	0.030	0.076	0.036	0.088
RES	RES1192	0.3	1	1	2	5	0.055	0.150	0.027	0.070	0.025	0.065	0.025	0.064

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1193	0.3	1	1	2	5	0.041	0.107	0.020	0.053	0.020	0.053	0.019	0.052
RES	RES1194	0.3	1	1	2	5	0.059	0.161	0.029	0.074	0.026	0.067	0.027	0.068
RES	RES1195	0.3	1	1	2	5	0.096	0.271	0.051	0.121	0.040	0.098	0.051	0.121
RES	RES1196	0.3	1	1	2	5	0.075	0.207	0.037	0.090	0.031	0.078	0.037	0.090
RES	RES1197	0.3	1	1	2	5	0.071	0.197	0.034	0.085	0.029	0.074	0.034	0.085
RES	RES1198	0.3	1	1	2	5	0.055	0.149	0.027	0.070	0.025	0.066	0.025	0.065
RES	RES1199	0.3	1	1	2	5	0.053	0.143	0.026	0.068	0.025	0.065	0.024	0.063
RES	RES1200	0.3	1	1	2	5	0.037	0.098	0.016	0.044	0.015	0.042	0.016	0.044
RES	RES1201	0.3	1	1	2	5	0.043	0.113	0.021	0.056	0.021	0.056	0.020	0.053
RES	RES1202	0.3	1	1	2	5	0.080	0.222	0.040	0.097	0.033	0.083	0.040	0.097
RES	RES1203	0.3	1	1	2	5	0.052	0.140	0.026	0.067	0.025	0.064	0.024	0.062
RES	RES1204	0.3	1	1	2	5	0.063	0.172	0.031	0.078	0.027	0.069	0.029	0.073
RES	RES1205	0.3	1	1	2	5	0.085	0.237	0.043	0.105	0.035	0.088	0.043	0.105
RES	RES1206	0.3	1	1	2	5	0.060	0.162	0.030	0.075	0.027	0.068	0.027	0.069
RES	RES1207	0.3	1	1	2	5	0.070	0.194	0.034	0.085	0.029	0.073	0.034	0.084
RES	RES1208	0.3	1	1	2	5	0.042	0.111	0.021	0.056	0.021	0.056	0.020	0.054
RES	RES1209	0.3	1	1	2	5	0.037	0.098	0.016	0.044	0.015	0.042	0.016	0.044
RES	RES1210	0.3	1	1	2	5	0.069	0.189	0.034	0.084	0.028	0.071	0.032	0.081
RES	RES1211	0.3	1	1	2	5	0.077	0.213	0.038	0.093	0.032	0.080	0.038	0.093
RES	RES1212	0.3	1	1	2	5	0.063	0.171	0.031	0.079	0.028	0.070	0.029	0.073
RES	RES1213	0.3	1	1	2	5	0.073	0.202	0.036	0.088	0.030	0.076	0.035	0.088
RES	RES1214	0.3	1	1	2	5	0.020	0.050	1.121	1.748	0.016	0.043	0.428	0.759
RES	RES1215	0.3	1	1	2	5	0.056	0.151	0.028	0.072	0.026	0.068	0.026	0.066
RES	RES1216	0.3	1	1	2	5	0.053	0.144	0.027	0.070	0.026	0.066	0.025	0.064

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1217	0.3	1	1	2	5	0.066	0.181	0.033	0.083	0.028	0.072	0.031	0.078
RES	RES1218	0.3	1	1	2	5	0.101	0.287	0.055	0.129	0.043	0.104	0.055	0.129
RES	RES1219	0.3	1	1	2	5	0.089	0.249	0.046	0.110	0.037	0.092	0.046	0.110
RES	RES1220	0.3	1	1	2	5	0.051	0.136	0.026	0.067	0.025	0.065	0.023	0.061
RES	RES1221	0.3	1	1	2	5	0.038	0.101	0.017	0.045	0.016	0.043	0.017	0.045
RES	RES1222	0.3	1	1	2	5	0.079	0.219	0.039	0.096	0.033	0.082	0.039	0.096
RES	RES1223	0.3	1	1	2	5	0.064	0.174	0.032	0.081	0.028	0.072	0.029	0.074
RES	RES1224	0.3	1	1	2	5	0.074	0.205	0.037	0.091	0.031	0.077	0.036	0.089
RES	RES1225	0.3	1	1	2	5	0.109	0.313	0.062	0.143	0.047	0.112	0.062	0.143
RES	RES1226	0.3	1	1	2	5	0.054	0.144	0.028	0.071	0.026	0.068	0.025	0.065
RES	RES1227	0.3	1	1	2	5	0.070	0.193	0.035	0.087	0.029	0.074	0.033	0.083
RES	RES1228	0.3	1	1	2	5	0.057	0.153	0.029	0.074	0.027	0.070	0.026	0.068
RES	RES1229	0.3	1	1	2	5	0.050	0.133	0.026	0.066	0.025	0.065	0.023	0.061
RES	RES1230	0.3	1	1	2	5	0.061	0.167	0.031	0.079	0.028	0.072	0.028	0.072
RES	RES1231	0.3	1	1	2	5	0.093	0.262	0.049	0.117	0.040	0.096	0.049	0.117
RES	RES1232	0.3	1	1	2	5	0.039	0.102	0.017	0.046	0.016	0.043	0.017	0.046
RES	RES1233	0.3	1	1	2	5	0.076	0.210	0.038	0.094	0.032	0.079	0.037	0.091
RES	RES1234	0.3	1	1	2	5	0.064	0.176	0.033	0.083	0.029	0.074	0.030	0.076
RES	RES1235	0.3	1	1	2	5	0.056	0.153	0.029	0.075	0.028	0.071	0.027	0.069
RES	RES1236	0.3	1	1	2	5	0.087	0.245	0.045	0.108	0.037	0.091	0.045	0.108
RES	RES1237	0.3	1	1	2	5	0.054	0.147	0.029	0.073	0.027	0.070	0.026	0.067
RES	RES1238	0.3	1	1	2	5	0.097	0.274	0.052	0.123	0.041	0.100	0.052	0.123
RES	RES1239	0.3	1	1	2	5	0.048	0.130	0.025	0.066	0.025	0.065	0.023	0.060
RES	RES1240	0.3	1	1	2	5	0.101	0.287	0.055	0.129	0.043	0.105	0.055	0.129

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1241	0.3	1	1	2	5	0.062	0.169	0.032	0.081	0.029	0.074	0.029	0.074
RES	RES1242	0.3	1	1	2	5	0.039	0.104	0.017	0.046	0.016	0.044	0.017	0.046
RES	RES1243	0.3	1	1	2	5	0.065	0.179	0.034	0.085	0.030	0.076	0.031	0.078
RES	RES1244	0.3	1	1	2	5	0.048	0.128	0.025	0.065	0.025	0.065	0.023	0.059
RES	RES1245	0.3	1	1	2	5	0.054	0.147	0.029	0.073	0.028	0.071	0.026	0.067
RES	RES1246	0.3	1	1	2	5	0.109	0.310	0.061	0.141	0.047	0.112	0.061	0.141
RES	RES1247	0.3	1	1	2	5	0.074	0.205	0.039	0.094	0.031	0.079	0.036	0.089
RES	RES1248	0.3	1	1	2	5	0.069	0.190	0.036	0.089	0.031	0.078	0.033	0.082
RES	RES1249	0.3	1	1	2	5	0.085	0.239	0.044	0.105	0.036	0.089	0.044	0.105
RES	RES1250	0.3	1	1	2	5	0.072	0.199	0.038	0.093	0.031	0.079	0.035	0.086
RES	RES1251	0.3	1	1	2	5	0.071	0.194	0.037	0.091	0.031	0.079	0.034	0.084
RES	RES1252	0.3	1	1	2	5	0.057	0.155	0.031	0.077	0.029	0.073	0.028	0.070
RES	RES1253	0.3	1	1	2	5	0.047	0.126	0.025	0.065	0.025	0.064	0.023	0.060
RES	RES1254	0.3	1	1	2	5	0.062	0.170	0.033	0.083	0.030	0.076	0.030	0.076
RES	RES1255	0.3	1	1	2	5	0.084	0.236	0.043	0.104	0.036	0.089	0.043	0.104
RES	RES1256	0.3	1	1	2	5	0.040	0.105	0.017	0.047	0.016	0.044	0.017	0.047
RES	RES1257	0.3	1	1	2	5	0.077	0.213	0.040	0.098	0.032	0.081	0.038	0.092
RES	RES1258	0.3	1	1	2	5	0.120	0.344	0.070	0.159	0.052	0.123	0.070	0.159
RES	RES1259	0.3	1	1	2	5	0.024	0.060	0.488	0.850	0.023	0.060	0.488	0.850
RES	RES1260	0.3	1	1	2	5	0.055	0.147	0.029	0.075	0.028	0.072	0.027	0.068
RES	RES1261	0.3	1	1	2	5	0.080	0.223	0.042	0.101	0.034	0.084	0.040	0.097
RES	RES1262	0.3	1	1	2	5	0.082	0.229	0.043	0.103	0.035	0.086	0.041	0.100
RES	RES1263	0.3	1	1	2	5	0.063	0.172	0.034	0.084	0.031	0.078	0.030	0.077
RES	RES1264	0.3	1	1	2	5	0.046	0.123	0.025	0.065	0.025	0.064	0.023	0.061

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1265	0.3	1	1	2	5	0.099	0.280	0.054	0.126	0.043	0.103	0.054	0.126
RES	RES1266	0.3	1	1	2	5	0.058	0.157	0.031	0.079	0.030	0.075	0.028	0.072
RES	RES1267	0.3	1	1	2	5	0.040	0.107	0.018	0.048	0.016	0.045	0.018	0.048
RES	RES1268	0.3	1	1	2	5	0.047	0.126	0.026	0.066	0.025	0.066	0.024	0.061
RES	RES1269	0.3	1	1	2	5	0.095	0.269	0.051	0.120	0.041	0.100	0.051	0.120
RES	RES1270	0.3	1	1	2	5	0.049	0.130	0.026	0.068	0.026	0.067	0.024	0.062
RES	RES1271	0.3	1	1	2	5	0.049	0.132	0.027	0.069	0.026	0.068	0.024	0.062
RES	RES1272	0.3	1	1	2	5	0.056	0.150	0.030	0.077	0.029	0.074	0.027	0.070
RES	RES1273	0.3	1	1	2	5	0.050	0.135	0.027	0.070	0.027	0.069	0.024	0.064
RES	RES1274	0.3	1	1	2	5	0.066	0.182	0.036	0.089	0.032	0.081	0.032	0.081
RES	RES1275	0.3	1	1	2	5	0.063	0.173	0.035	0.086	0.032	0.079	0.031	0.078
RES	RES1276	0.3	1	1	2	5	0.040	0.106	0.017	0.047	0.016	0.044	0.017	0.047
RES	RES1277	0.3	1	1	2	5	0.051	0.138	0.028	0.072	0.028	0.071	0.025	0.065
RES	RES1278	0.3	1	1	2	5	0.070	0.192	0.038	0.093	0.033	0.082	0.034	0.084
RES	RES1279	0.3	1	1	2	5	0.090	0.255	0.047	0.113	0.039	0.095	0.047	0.113
RES	RES1280	0.3	1	1	2	5	0.053	0.141	0.029	0.073	0.028	0.072	0.026	0.067
RES	RES1281	0.3	1	1	2	5	0.071	0.197	0.039	0.095	0.033	0.083	0.035	0.086
RES	RES1282	0.3	1	1	2	5	0.054	0.145	0.030	0.075	0.029	0.074	0.027	0.068
RES	RES1283	0.3	1	1	2	5	0.102	0.289	0.056	0.130	0.045	0.107	0.056	0.130
RES	RES1284	0.3	1	1	2	5	0.067	0.184	0.037	0.091	0.033	0.082	0.033	0.082
RES	RES1285	0.3	1	1	2	5	0.064	0.174	0.035	0.087	0.032	0.081	0.032	0.080
RES	RES1286	0.3	1	1	2	5	0.086	0.242	0.046	0.111	0.037	0.091	0.044	0.107
RES	RES1287	0.3	1	1	2	5	0.056	0.151	0.031	0.078	0.030	0.076	0.028	0.071
RES	RES1288	0.3	1	1	2	5	0.075	0.209	0.041	0.100	0.034	0.085	0.037	0.090

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1289	0.3	1	1	2	5	0.058	0.159	0.033	0.082	0.031	0.078	0.029	0.074
RES	RES1290	0.3	1	1	2	5	0.061	0.167	0.034	0.085	0.032	0.080	0.031	0.077
RES	RES1291	0.3	1	1	2	5	0.060	0.163	0.034	0.084	0.032	0.080	0.030	0.076
RES	RES1292	0.3	1	1	2	5	0.084	0.236	0.046	0.110	0.036	0.089	0.043	0.103
RES	RES1293	0.3	1	1	2	5	0.080	0.222	0.044	0.106	0.035	0.088	0.040	0.097
RES	RES1294	0.3	1	1	2	5	0.049	0.130	0.027	0.070	0.027	0.070	0.025	0.065
RES	RES1295	0.3	1	1	2	5	0.105	0.298	0.058	0.135	0.046	0.110	0.058	0.135
RES	RES1296	0.3	1	1	2	5	0.087	0.245	0.048	0.114	0.038	0.093	0.045	0.108
RES	RES1297	0.3	1	1	2	5	0.064	0.176	0.036	0.090	0.033	0.083	0.033	0.081
RES	RES1298	0.3	1	1	2	5	0.068	0.186	0.038	0.094	0.034	0.085	0.034	0.085
RES	RES1299	0.3	1	1	2	5	0.048	0.128	0.027	0.069	0.027	0.069	0.025	0.065
RES	RES1300	0.3	1	1	2	5	0.050	0.134	0.028	0.072	0.028	0.072	0.026	0.066
RES	RES1301	0.3	1	1	2	5	0.048	0.128	0.026	0.068	0.026	0.067	0.025	0.065
RES	RES1302	0.3	1	1	2	5	0.075	0.206	0.042	0.102	0.036	0.089	0.037	0.092
RES	RES1303	0.3	1	1	2	5	0.051	0.137	0.029	0.074	0.029	0.073	0.026	0.067
RES	RES1304	0.3	1	1	2	5	0.076	0.210	0.043	0.103	0.036	0.089	0.038	0.093
RES	RES1305	0.3	1	1	2	5	0.076	0.212	0.043	0.104	0.036	0.090	0.038	0.094
RES	RES1306	0.3	1	1	2	5	0.054	0.147	0.031	0.078	0.031	0.077	0.028	0.071
RES	RES1307	0.3	1	1	2	5	0.042	0.111	0.018	0.049	0.017	0.046	0.018	0.049
RES	RES1308	0.3	1	1	2	5	0.077	0.215	0.044	0.106	0.037	0.090	0.039	0.095
RES	RES1309	0.3	1	1	2	5	0.107	0.306	0.060	0.139	0.048	0.114	0.060	0.139
RES	RES1310	0.3	1	1	2	5	0.089	0.249	0.050	0.117	0.039	0.095	0.046	0.110
RES	RES1311	0.3	1	1	2	5	0.095	0.268	0.052	0.123	0.042	0.101	0.051	0.119
RES	RES1312	0.3	1	1	2	5	0.053	0.143	0.030	0.077	0.030	0.076	0.027	0.069

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1313	0.3	1	1	2	5	0.048	0.128	0.024	0.063	0.024	0.063	0.024	0.063
RES	RES1314	0.3	1	1	2	5	0.058	0.158	0.034	0.084	0.033	0.081	0.030	0.076
RES	RES1315	0.3	1	1	2	5	0.149	0.436	0.097	0.209	0.068	0.154	0.097	0.209
RES	RES1316	0.3	1	1	2	5	0.140	0.409	0.088	0.193	0.064	0.146	0.088	0.193
RES	RES1317	0.3	1	1	2	5	0.057	0.153	0.033	0.082	0.032	0.080	0.029	0.074
RES	RES1318	0.3	1	1	2	5	0.073	0.202	0.042	0.102	0.037	0.090	0.037	0.092
RES	RES1319	0.3	1	1	2	5	0.060	0.162	0.035	0.086	0.033	0.083	0.031	0.078
RES	RES1320	0.3	1	1	2	5	0.049	0.130	0.026	0.066	0.025	0.065	0.025	0.065
RES	RES1321	0.3	1	1	2	5	0.062	0.170	0.036	0.090	0.034	0.085	0.032	0.081
RES	RES1322	0.3	1	1	2	5	0.109	0.312	0.062	0.142	0.049	0.116	0.062	0.142
RES	RES1323	0.3	1	1	2	5	0.074	0.206	0.043	0.104	0.037	0.092	0.038	0.093
RES	RES1324	0.3	1	1	2	5	0.096	0.271	0.054	0.126	0.042	0.102	0.051	0.121
RES	RES1325	0.3	1	1	2	5	0.042	0.112	0.902	1.448	0.082	0.182	0.387	0.696
RES	RES1326	0.3	1	1	2	5	0.076	0.210	0.044	0.105	0.038	0.092	0.039	0.095
RES	RES1327	0.3	1	1	2	5	0.090	0.253	0.052	0.121	0.040	0.096	0.047	0.112
RES	RES1328	0.3	1	1	2	5	0.078	0.216	0.045	0.108	0.038	0.093	0.040	0.097
RES	RES1329	0.3	1	1	2	5	0.065	0.179	0.039	0.094	0.036	0.088	0.034	0.085
RES	RES1330	0.3	1	1	2	5	0.061	0.167	0.036	0.089	0.034	0.085	0.032	0.080
RES	RES1331	0.3	1	1	2	5	0.040	0.107	0.701	1.164	0.077	0.171	0.502	0.871
RES	RES1332	0.3	1	1	2	5	0.069	0.190	0.041	0.099	0.037	0.091	0.036	0.089
RES	RES1333	0.3	1	1	2	5	0.131	0.381	0.081	0.178	0.060	0.138	0.081	0.178
RES	RES1334	0.3	1	1	2	5	0.050	0.133	0.027	0.070	0.027	0.069	0.026	0.068
RES	RES1335	0.3	1	1	2	5	0.177	0.527	0.127	0.265	0.080	0.178	0.127	0.265
RES	RES1336	0.3	1	1	2	5	0.162	0.479	0.110	0.233	0.074	0.167	0.110	0.233

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1337	0.3	1	1	2	5	0.097	0.275	0.056	0.129	0.043	0.104	0.052	0.123
RES	RES1338	0.3	1	1	2	5	0.112	0.321	0.064	0.146	0.051	0.119	0.064	0.146
RES	RES1339	0.3	1	1	2	5	0.076	0.209	0.045	0.107	0.039	0.095	0.040	0.096
RES	RES1340	0.3	1	1	2	5	0.077	0.214	0.046	0.109	0.039	0.095	0.040	0.098
RES	RES1341	0.3	1	1	2	5	0.078	0.218	0.047	0.111	0.039	0.096	0.041	0.099
RES	RES1342	0.3	1	1	2	5	0.066	0.181	0.040	0.097	0.037	0.091	0.035	0.087
RES	RES1343	0.3	1	1	2	5	0.078	0.218	0.047	0.111	0.039	0.096	0.041	0.099
RES	RES1344	0.3	1	1	2	5	0.080	0.222	0.048	0.113	0.040	0.097	0.042	0.101
RES	RES1345	0.3	1	1	2	5	0.080	0.223	0.048	0.113	0.040	0.097	0.042	0.101
RES	RES1346	0.3	1	1	2	5	0.070	0.192	0.042	0.102	0.038	0.094	0.037	0.091
RES	RES1347	0.3	1	1	2	5	0.098	0.279	0.058	0.133	0.044	0.106	0.053	0.125
RES	RES1348	0.3	1	1	2	5	0.050	0.135	0.027	0.068	0.026	0.067	0.026	0.068
RES	RES1349	0.3	1	1	2	5	0.194	0.582	0.147	0.300	0.088	0.193	0.147	0.300
RES	RES1350	0.3	1	1	2	5	0.074	0.203	0.045	0.107	0.040	0.096	0.039	0.096
RES	RES1351	0.3	1	1	2	5	0.075	0.207	0.045	0.109	0.040	0.097	0.040	0.097
RES	RES1352	0.3	1	1	2	5	0.152	0.445	0.099	0.214	0.070	0.158	0.099	0.214
RES	RES1353	0.3	1	1	2	5	0.076	0.211	0.046	0.111	0.040	0.098	0.041	0.099
RES	RES1354	0.3	1	1	2	5	0.078	0.216	0.047	0.112	0.041	0.099	0.041	0.100
RES	RES1355	0.3	1	1	2	5	0.078	0.216	0.047	0.113	0.041	0.099	0.042	0.101
RES	RES1356	0.3	1	1	2	5	0.079	0.221	0.048	0.115	0.041	0.100	0.042	0.102
RES	RES1357	0.3	1	1	2	5	0.081	0.225	0.049	0.116	0.041	0.100	0.043	0.104
RES	RES1358	0.3	1	1	2	5	0.051	0.138	0.028	0.072	0.028	0.071	0.028	0.070
RES	RES1359	0.3	1	1	2	5	0.125	0.360	0.075	0.167	0.057	0.133	0.075	0.167
RES	RES1360	0.3	1	1	2	5	0.100	0.283	0.060	0.137	0.045	0.108	0.054	0.126

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1361	0.3	1	1	2	5	0.164	0.483	0.111	0.236	0.076	0.170	0.111	0.236
RES	RES1362	0.3	1	1	2	5	0.064	0.176	0.040	0.097	0.038	0.092	0.035	0.086
RES	RES1363	0.3	1	1	2	5	0.184	0.550	0.133	0.276	0.086	0.188	0.133	0.276
RES	RES1364	0.3	1	1	2	5	0.071	0.196	0.044	0.106	0.040	0.098	0.039	0.095
RES	RES1365	0.3	1	1	2	5	0.052	0.140	0.029	0.074	0.029	0.073	0.028	0.072
RES	RES1366	0.3	1	1	2	5	0.052	0.140	0.030	0.075	0.029	0.074	0.028	0.072
RES	RES1367	0.3	1	1	2	5	0.052	0.139	0.027	0.070	0.027	0.069	0.027	0.070
RES	RES1368	0.3	1	1	2	5	0.052	0.141	0.031	0.078	0.030	0.077	0.029	0.073
RES	RES1369	0.3	1	1	2	5	0.095	0.267	0.058	0.135	0.043	0.104	0.050	0.118
RES	RES1370	0.3	1	1	2	5	0.101	0.287	0.062	0.142	0.046	0.109	0.055	0.128
RES	RES1371	0.3	1	1	2	5	0.052	0.141	0.031	0.077	0.030	0.076	0.029	0.073
RES	RES1372	0.3	1	1	2	5	0.053	0.143	0.033	0.083	0.033	0.082	0.030	0.075
RES	RES1373	0.3	1	1	2	5	0.053	0.142	0.032	0.081	0.032	0.080	0.030	0.075
RES	RES1374	0.3	1	1	2	5	0.119	0.341	0.070	0.158	0.055	0.128	0.069	0.157
RES	RES1375	0.3	1	1	2	5	0.046	0.124	0.021	0.056	0.020	0.052	0.021	0.056
RES	RES1376	0.3	1	1	2	5	0.067	0.185	0.043	0.103	0.040	0.097	0.037	0.092
RES	RES1377	0.3	1	1	2	5	0.129	0.373	0.078	0.174	0.060	0.138	0.078	0.174
RES	RES1378	0.3	1	1	2	5	0.057	0.154	0.036	0.088	0.035	0.088	0.031	0.078
RES	RES1379	0.3	1	1	2	5	0.093	0.262	0.059	0.135	0.045	0.107	0.050	0.118
RES	RES1380	0.3	1	1	2	5	0.102	0.291	0.064	0.146	0.047	0.111	0.056	0.130
RES	RES1381	0.3	1	1	2	5	0.184	0.548	0.132	0.275	0.087	0.191	0.132	0.275
RES	RES1382	0.3	1	1	2	5	0.056	0.151	0.035	0.088	0.035	0.087	0.031	0.077
RES	RES1383	0.3	1	1	2	5	0.055	0.147	0.035	0.086	0.034	0.085	0.031	0.077
RES	RES1384	0.3	1	1	2	5	0.072	0.198	0.046	0.110	0.042	0.102	0.040	0.098

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1385	0.3	1	1	2	5	0.058	0.158	0.037	0.091	0.037	0.090	0.032	0.080
RES	RES1386	0.3	1	1	2	5	0.078	0.216	0.050	0.119	0.044	0.106	0.044	0.105
RES	RES1387	0.3	1	1	2	5	0.060	0.162	0.038	0.093	0.038	0.092	0.033	0.082
RES	RES1388	0.3	1	1	2	5	0.068	0.186	0.044	0.106	0.041	0.100	0.038	0.094
RES	RES1389	0.3	1	1	2	5	0.048	0.128	0.022	0.058	0.020	0.054	0.022	0.058
RES	RES1390	0.3	1	1	2	5	0.061	0.166	0.039	0.095	0.038	0.094	0.034	0.084
RES	RES1391	0.3	1	1	2	5	0.132	0.382	0.080	0.178	0.062	0.142	0.080	0.178
RES	RES1392	0.3	1	1	2	5	0.226	0.686	0.186	0.368	0.106	0.226	0.186	0.368
RES	RES1393	0.3	1	1	2	5	0.081	0.226	0.053	0.123	0.045	0.108	0.046	0.110
RES	RES1394	0.3	1	1	2	5	0.062	0.170	0.040	0.098	0.039	0.096	0.035	0.086
RES	RES1395	0.3	1	1	2	5	0.104	0.295	0.066	0.151	0.047	0.113	0.057	0.132
RES	RES1396	0.3	1	1	2	5	0.147	0.431	0.095	0.206	0.070	0.158	0.095	0.206
RES	RES1397	0.3	1	1	2	5	0.115	0.330	0.072	0.161	0.053	0.125	0.066	0.150
RES	RES1398	0.3	1	1	2	5	0.053	0.144	0.029	0.073	0.028	0.071	0.029	0.073
RES	RES1399	0.3	1	1	2	5	0.064	0.174	0.041	0.100	0.040	0.098	0.036	0.089
RES	RES1400	0.3	1	1	2	5	0.096	0.273	0.063	0.143	0.047	0.112	0.053	0.124
RES	RES1401	0.3	1	1	2	5	0.084	0.234	0.055	0.128	0.046	0.110	0.048	0.113
RES	RES1402	0.3	1	1	2	5	0.054	0.146	0.031	0.078	0.030	0.077	0.030	0.076
RES	RES1403	0.3	1	1	2	5	0.047	0.124	0.296	0.552	0.107	0.229	0.296	0.552
RES	RES1404	0.3	1	1	2	5	0.065	0.178	0.043	0.103	0.041	0.099	0.037	0.091
RES	RES1405	0.3	1	1	2	5	0.089	0.249	0.058	0.134	0.047	0.112	0.050	0.118
RES	RES1406	0.3	1	1	2	5	0.059	0.160	0.661	1.106	0.054	0.127	0.079	0.175
RES	RES1407	0.3	1	1	2	5	0.086	0.241	0.056	0.131	0.047	0.111	0.049	0.116
RES	RES1408	0.3	1	1	2	5	0.052	0.140	0.027	0.068	0.025	0.065	0.027	0.068

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1409	0.3	1	1	2	5	0.175	0.520	0.123	0.258	0.083	0.184	0.123	0.258
RES	RES1410	0.3	1	1	2	5	0.091	0.256	0.060	0.138	0.047	0.113	0.051	0.121
RES	RES1411	0.3	1	1	2	5	0.048	0.128	0.022	0.058	0.020	0.054	0.022	0.058
RES	RES1412	0.3	1	1	2	5	0.133	0.387	0.082	0.182	0.063	0.144	0.082	0.181
RES	RES1413	0.3	1	1	2	5	0.068	0.187	0.045	0.108	0.043	0.103	0.039	0.096
RES	RES1414	0.3	1	1	2	5	0.105	0.298	0.069	0.155	0.048	0.114	0.058	0.133
RES	RES1415	0.3	1	1	2	5	0.055	0.149	0.033	0.082	0.032	0.081	0.031	0.079
RES	RES1416	0.3	1	1	2	5	0.097	0.276	0.065	0.148	0.049	0.116	0.055	0.128
RES	RES1417	0.3	1	1	2	5	0.056	0.151	0.034	0.084	0.033	0.083	0.032	0.080
RES	RES1418	0.3	1	1	2	5	0.056	0.151	0.036	0.088	0.035	0.087	0.032	0.081
RES	RES1419	0.3	1	1	2	5	0.055	0.148	0.030	0.076	0.029	0.074	0.030	0.076
RES	RES1420	0.3	1	1	2	5	0.056	0.151	0.035	0.087	0.034	0.085	0.032	0.081
RES	RES1421	0.3	1	1	2	5	0.218	0.660	0.173	0.346	0.106	0.226	0.173	0.346
RES	RES1422	0.3	1	1	2	5	0.057	0.156	0.039	0.094	0.038	0.093	0.033	0.083
RES	RES1423	0.3	1	1	2	5	0.106	0.302	0.071	0.161	0.050	0.118	0.059	0.136
RES	RES1424	0.3	1	1	2	5	0.056	0.152	0.037	0.091	0.037	0.090	0.033	0.082
RES	RES1425	0.3	1	1	2	5	0.136	0.395	0.087	0.190	0.065	0.148	0.084	0.185
RES	RES1426	0.3	1	1	2	5	0.202	0.607	0.153	0.312	0.098	0.211	0.153	0.312
RES	RES1427	0.3	1	1	2	5	0.059	0.161	0.040	0.098	0.040	0.097	0.034	0.084
RES	RES1428	0.3	1	1	2	5	0.243	0.739	0.204	0.400	0.118	0.248	0.204	0.400
RES	RES1429	0.3	1	1	2	5	0.182	0.542	0.131	0.271	0.088	0.193	0.131	0.271
RES	RES1430	0.3	1	1	2	5	0.080	0.224	0.056	0.130	0.049	0.116	0.048	0.114
RES	RES1431	0.3	1	1	2	5	0.061	0.167	0.042	0.101	0.041	0.100	0.035	0.088
RES	RES1432	0.3	1	1	2	5	0.063	0.171	0.043	0.103	0.042	0.102	0.037	0.090

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1433	0.3	1	1	2	5	0.084	0.234	0.058	0.135	0.050	0.119	0.050	0.118
RES	RES1434	0.3	1	1	2	5	0.041	0.107	0.264	0.499	0.071	0.160	0.264	0.499
RES	RES1435	0.3	1	1	2	5	0.086	0.240	0.060	0.138	0.051	0.120	0.051	0.121
RES	RES1436	0.3	1	1	2	5	0.057	0.153	0.032	0.080	0.031	0.079	0.032	0.080
RES	RES1437	0.3	1	1	2	5	0.088	0.247	0.062	0.142	0.051	0.121	0.053	0.124
RES	RES1438	0.3	1	1	2	5	0.065	0.177	0.045	0.107	0.044	0.105	0.038	0.093
RES	RES1439	0.3	1	1	2	5	0.143	0.418	0.094	0.204	0.070	0.157	0.090	0.197
RES	RES1440	0.3	1	1	2	5	0.068	0.188	0.048	0.114	0.046	0.110	0.041	0.099
RES	RES1441	0.3	1	1	2	5	0.154	0.452	0.101	0.218	0.075	0.168	0.101	0.217
RES	RES1442	0.3	1	1	2	5	0.073	0.201	0.052	0.121	0.048	0.114	0.044	0.106
RES	RES1443	0.3	1	1	2	5	0.057	0.154	0.031	0.079	0.030	0.076	0.031	0.079
RES	RES1444	0.3	1	1	2	5	0.049	0.132	0.023	0.060	0.021	0.056	0.023	0.060
RES	RES1445	0.3	1	1	2	5	0.093	0.262	0.066	0.150	0.053	0.124	0.056	0.131
RES	RES1446	0.3	1	1	2	5	0.163	0.482	0.110	0.234	0.080	0.178	0.110	0.234
RES	RES1447	0.3	1	1	2	5	0.108	0.308	0.076	0.170	0.053	0.124	0.063	0.143
RES	RES1448	0.3	1	1	2	5	0.091	0.256	0.065	0.147	0.053	0.124	0.055	0.129
RES	RES1449	0.3	1	1	2	5	0.110	0.316	0.078	0.174	0.053	0.125	0.064	0.146
RES	RES1450	0.3	1	1	2	5	0.101	0.288	0.072	0.163	0.054	0.126	0.061	0.140
RES	RES1451	0.3	1	1	2	5	0.058	0.157	0.034	0.084	0.033	0.083	0.033	0.083
RES	RES1452	0.3	1	1	2	5	0.058	0.157	0.033	0.082	0.032	0.081	0.033	0.082
RES	RES1453	0.3	1	1	2	5	0.059	0.160	0.035	0.087	0.035	0.086	0.034	0.085
RES	RES1454	0.3	1	1	2	5	0.059	0.159	0.033	0.083	0.033	0.082	0.033	0.083
RES	RES1455	0.3	1	1	2	5	0.073	0.202	0.054	0.125	0.051	0.119	0.045	0.109
RES	RES1456	0.3	1	1	2	5	0.122	0.352	0.089	0.194	0.059	0.136	0.071	0.160

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1457	0.3	1	1	2	5	0.131	0.381	0.094	0.204	0.064	0.146	0.079	0.176
RES	RES1458	0.3	1	1	2	5	0.068	0.188	0.050	0.117	0.048	0.115	0.042	0.102
RES	RES1459	0.3	1	1	2	5	0.128	0.371	0.093	0.202	0.062	0.143	0.076	0.170
RES	RES1460	0.3	1	1	2	5	0.110	0.314	0.082	0.181	0.057	0.132	0.067	0.152
RES	RES1461	0.3	1	1	2	5	0.119	0.343	0.089	0.194	0.057	0.133	0.071	0.159
RES	RES1462	0.3	1	1	2	5	0.115	0.329	0.086	0.189	0.057	0.133	0.070	0.157
RES	RES1463	0.3	1	1	2	5	0.138	0.403	0.100	0.214	0.068	0.154	0.085	0.187
RES	RES1464	0.3	1	1	2	5	0.146	0.427	0.103	0.222	0.072	0.163	0.092	0.200
RES	RES1465	0.3	1	1	2	5	0.154	0.454	0.109	0.232	0.077	0.172	0.100	0.216
RES	RES1466	0.3	1	1	2	5	0.161	0.475	0.114	0.241	0.081	0.179	0.107	0.228
RES	RES1467	0.3	1	1	2	5	0.061	0.165	0.045	0.107	0.044	0.106	0.038	0.092
RES	RES1468	0.3	1	1	2	5	0.062	0.169	0.046	0.109	0.045	0.108	0.038	0.092
RES	RES1469	0.3	1	1	2	5	0.054	0.147	0.027	0.069	0.024	0.064	0.027	0.069
RES	RES1470	0.3	1	1	2	5	0.064	0.174	0.047	0.113	0.047	0.112	0.039	0.095
RES	RES1471	0.3	1	1	2	5	0.172	0.511	0.124	0.259	0.087	0.192	0.119	0.250
RES	RES1472	0.3	1	1	2	5	0.066	0.181	0.049	0.117	0.049	0.115	0.041	0.099
RES	RES1473	0.3	1	1	2	5	0.060	0.164	0.035	0.086	0.034	0.084	0.035	0.086
RES	RES1474	0.3	1	1	2	5	0.061	0.167	0.038	0.093	0.037	0.091	0.037	0.091
RES	RES1475	0.3	1	1	2	5	0.075	0.209	0.058	0.134	0.055	0.128	0.049	0.115
RES	RES1476	0.3	1	1	2	5	0.069	0.190	0.053	0.123	0.052	0.122	0.044	0.106
RES	RES1477	0.3	1	1	2	5	0.062	0.168	0.039	0.095	0.038	0.094	0.038	0.092
RES	RES1478	0.3	1	1	2	5	0.062	0.169	0.043	0.105	0.043	0.103	0.039	0.095
RES	RES1479	0.3	1	1	2	5	0.062	0.169	0.041	0.100	0.040	0.098	0.038	0.094
RES	RES1480	0.3	1	1	2	5	0.062	0.168	0.037	0.090	0.036	0.089	0.037	0.090

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1481	0.3	1	1	2	5	0.062	0.170	0.040	0.098	0.040	0.097	0.038	0.094
RES	RES1482	0.3	1	1	2	5	0.062	0.168	0.036	0.089	0.035	0.086	0.036	0.089
RES	RES1483	0.3	1	1	2	5	0.063	0.171	0.043	0.103	0.042	0.102	0.039	0.096
RES	RES1484	0.3	1	1	2	5	0.067	0.184	0.053	0.124	0.052	0.123	0.043	0.104
RES	RES1485	0.3	1	1	2	5	0.064	0.174	0.045	0.108	0.044	0.106	0.041	0.098
RES	RES1486	0.3	1	1	2	5	0.074	0.206	0.060	0.138	0.058	0.133	0.050	0.117
RES	RES1487	0.3	1	1	2	5	0.069	0.191	0.055	0.129	0.054	0.127	0.045	0.108
RES	RES1488	0.3	1	1	2	5	0.063	0.173	0.048	0.115	0.048	0.113	0.041	0.100
RES	RES1489	0.3	1	1	2	5	0.113	0.324	0.095	0.206	0.067	0.151	0.078	0.173
RES	RES1490	0.3	1	1	2	5	0.064	0.174	0.038	0.094	0.037	0.091	0.038	0.094
RES	RES1491	0.3	1	1	2	5	0.118	0.339	0.100	0.216	0.067	0.152	0.081	0.179
RES	RES1492	0.3	1	1	2	5	0.123	0.354	0.105	0.225	0.067	0.152	0.083	0.184
RES	RES1493	0.3	1	1	2	5	0.064	0.175	0.051	0.120	0.050	0.119	0.042	0.102
RES	RES1494	0.3	1	1	2	5	0.064	0.174	0.038	0.093	0.036	0.089	0.038	0.093
RES	RES1495	0.3	1	1	2	5	0.128	0.370	0.110	0.235	0.067	0.152	0.086	0.189
RES	RES1496	0.3	1	1	2	5	0.065	0.177	0.040	0.096	0.039	0.095	0.040	0.096
RES	RES1497	0.3	1	1	2	5	0.067	0.183	0.054	0.127	0.054	0.126	0.043	0.104
RES	RES1498	0.3	1	1	2	5	0.133	0.388	0.116	0.245	0.067	0.152	0.089	0.194
RES	RES1499	0.3	1	1	2	5	0.065	0.178	0.040	0.098	0.040	0.097	0.040	0.098
RES	RES1500	0.3	1	1	2	5	0.140	0.407	0.122	0.256	0.071	0.160	0.091	0.199
RES	RES1501	0.3	1	1	2	5	0.146	0.428	0.128	0.266	0.075	0.167	0.094	0.204
RES	RES1502	0.3	1	1	2	5	0.070	0.192	0.058	0.134	0.057	0.132	0.046	0.111
RES	RES1503	0.3	1	1	2	5	0.065	0.179	0.042	0.101	0.041	0.100	0.041	0.100
RES	RES1504	0.3	1	1	2	5	0.066	0.180	0.047	0.112	0.046	0.110	0.043	0.103

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1505	0.3	1	1	2	5	0.153	0.450	0.134	0.277	0.079	0.176	0.097	0.210
RES	RES1506	0.3	1	1	2	5	0.085	0.237	0.073	0.165	0.066	0.151	0.060	0.138
RES	RES1507	0.3	1	1	2	5	0.075	0.207	0.063	0.143	0.061	0.140	0.051	0.121
RES	RES1508	0.3	1	1	2	5	0.077	0.215	0.066	0.149	0.063	0.144	0.054	0.126
RES	RES1509	0.3	1	1	2	5	0.065	0.178	0.054	0.126	0.053	0.124	0.043	0.104
RES	RES1510	0.3	1	1	2	5	0.079	0.221	0.068	0.154	0.064	0.147	0.056	0.130
RES	RES1511	0.3	1	1	2	5	0.082	0.230	0.072	0.161	0.066	0.150	0.059	0.135
RES	RES1512	0.3	1	1	2	5	0.172	0.511	0.146	0.299	0.091	0.198	0.116	0.244
RES	RES1513	0.3	1	1	2	5	0.034	0.088	0.015	0.042	0.011	0.032	0.013	0.037
RES	RES1514	0.3	1	1	2	5	0.066	0.181	0.043	0.105	0.043	0.103	0.042	0.102
RES	RES1515	0.3	1	1	2	5	0.161	0.476	0.142	0.291	0.084	0.186	0.105	0.224
RES	RES1516	0.3	1	1	2	5	0.066	0.182	0.046	0.110	0.045	0.108	0.043	0.104
RES	RES1517	0.3	1	1	2	5	0.067	0.183	0.045	0.108	0.044	0.106	0.043	0.103
RES	RES1518	0.3	1	1	2	5	0.087	0.245	0.078	0.174	0.070	0.157	0.064	0.146
RES	RES1519	0.3	1	1	2	5	0.190	0.568	0.165	0.333	0.102	0.220	0.134	0.278
RES	RES1520	0.3	1	1	2	5	0.066	0.181	0.040	0.097	0.038	0.092	0.040	0.097
RES	RES1521	0.3	1	1	2	5	0.068	0.186	0.049	0.116	0.048	0.114	0.045	0.107
RES	RES1522	0.3	1	1	2	5	0.067	0.185	0.052	0.122	0.051	0.120	0.045	0.108
RES	RES1523	0.3	1	1	2	5	0.114	0.328	0.110	0.234	0.078	0.173	0.089	0.194
RES	RES1524	0.3	1	1	2	5	0.068	0.186	0.054	0.127	0.053	0.125	0.046	0.110
RES	RES1525	0.3	1	1	2	5	0.070	0.193	0.062	0.143	0.061	0.141	0.048	0.115
RES	RES1526	0.3	1	1	2	5	0.068	0.187	0.056	0.131	0.055	0.129	0.047	0.111
RES	RES1527	0.3	1	1	2	5	0.067	0.185	0.041	0.099	0.038	0.094	0.041	0.099
RES	RES1528	0.3	1	1	2	5	0.068	0.187	0.058	0.135	0.057	0.133	0.047	0.112

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1529	0.3	1	1	2	5	0.068	0.187	0.061	0.139	0.060	0.138	0.047	0.112
RES	RES1530	0.3	1	1	2	5	0.121	0.349	0.121	0.254	0.080	0.177	0.096	0.207
RES	RES1531	0.3	1	1	2	5	0.130	0.378	0.133	0.275	0.080	0.177	0.103	0.220
RES	RES1532	0.3	1	1	2	5	0.126	0.363	0.128	0.266	0.081	0.179	0.100	0.215
RES	RES1533	0.3	1	1	2	5	0.074	0.206	0.069	0.155	0.067	0.153	0.054	0.126
RES	RES1534	0.3	1	1	2	5	0.077	0.214	0.072	0.161	0.070	0.158	0.056	0.131
RES	RES1535	0.3	1	1	2	5	0.136	0.396	0.141	0.289	0.080	0.177	0.107	0.228
RES	RES1536	0.3	1	1	2	5	0.080	0.221	0.075	0.167	0.073	0.163	0.060	0.137
RES	RES1537	0.3	1	1	2	5	0.143	0.417	0.152	0.309	0.081	0.179	0.112	0.238
RES	RES1538	0.3	1	1	2	5	0.081	0.227	0.077	0.172	0.075	0.167	0.062	0.142
RES	RES1539	0.3	1	1	2	5	0.167	0.492	0.178	0.355	0.090	0.197	0.121	0.254
RES	RES1540	0.3	1	1	2	5	0.158	0.465	0.170	0.341	0.084	0.186	0.119	0.250
RES	RES1541	0.3	1	1	2	5	0.150	0.440	0.163	0.328	0.081	0.179	0.117	0.247
RES	RES1542	0.3	1	1	2	5	0.193	0.576	0.197	0.388	0.107	0.229	0.133	0.276
RES	RES1543	0.3	1	1	2	5	0.085	0.239	0.084	0.184	0.078	0.174	0.066	0.151
RES	RES1544	0.3	1	1	2	5	0.176	0.522	0.191	0.378	0.096	0.208	0.126	0.264
RES	RES1545	0.3	1	1	2	5	0.088	0.248	0.089	0.194	0.081	0.179	0.070	0.158
RES	RES1546	0.3	1	1	2	5	0.071	0.197	0.051	0.119	0.050	0.117	0.049	0.115
RES	RES1547	0.3	1	1	2	5	0.072	0.198	0.052	0.122	0.051	0.120	0.049	0.116
RES	RES1548	0.3	1	1	2	5	0.072	0.198	0.054	0.126	0.053	0.124	0.050	0.117
RES	RES1549	0.3	1	1	2	5	0.095	0.267	0.099	0.213	0.085	0.187	0.078	0.173
RES	RES1550	0.3	1	1	2	5	0.098	0.278	0.105	0.224	0.087	0.191	0.082	0.181
RES	RES1551	0.3	1	1	2	5	0.072	0.198	0.057	0.132	0.056	0.130	0.051	0.119
RES	RES1552	0.3	1	1	2	5	0.071	0.196	0.044	0.106	0.041	0.099	0.044	0.106

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1553	0.3	1	1	2	5	0.072	0.199	0.059	0.137	0.058	0.134	0.051	0.120
RES	RES1554	0.3	1	1	2	5	0.072	0.199	0.062	0.142	0.061	0.140	0.052	0.122
RES	RES1555	0.3	1	1	2	5	0.102	0.290	0.113	0.239	0.091	0.198	0.088	0.193
RES	RES1556	0.3	1	1	2	5	0.107	0.304	0.120	0.252	0.093	0.201	0.093	0.203
RES	RES1557	0.3	1	1	2	5	0.117	0.335	0.135	0.279	0.094	0.204	0.105	0.224
RES	RES1558	0.3	1	1	2	5	0.074	0.206	0.075	0.169	0.074	0.166	0.056	0.130
RES	RES1559	0.3	1	1	2	5	0.072	0.199	0.070	0.157	0.068	0.155	0.053	0.123
RES	RES1560	0.3	1	1	2	5	0.073	0.201	0.066	0.151	0.065	0.148	0.053	0.124
RES	RES1561	0.3	1	1	2	5	0.127	0.368	0.151	0.308	0.094	0.204	0.116	0.244
RES	RES1562	0.3	1	1	2	5	0.074	0.204	0.049	0.116	0.047	0.111	0.049	0.116
RES	RES1563	0.3	1	1	2	5	0.120	0.346	0.142	0.292	0.095	0.206	0.110	0.233
RES	RES1564	0.3	1	1	2	5	0.074	0.204	0.049	0.115	0.046	0.109	0.049	0.115
RES	RES1565	0.3	1	1	2	5	0.135	0.393	0.165	0.333	0.094	0.204	0.124	0.260
RES	RES1566	0.3	1	1	2	5	0.077	0.213	0.080	0.177	0.078	0.175	0.059	0.137
RES	RES1567	0.3	1	1	2	5	0.075	0.207	0.051	0.121	0.050	0.119	0.051	0.121
RES	RES1568	0.3	1	1	2	5	0.082	0.228	0.087	0.191	0.084	0.186	0.066	0.150
RES	RES1569	0.3	1	1	2	5	0.142	0.413	0.177	0.353	0.094	0.204	0.130	0.271
RES	RES1570	0.3	1	1	2	5	0.079	0.220	0.084	0.185	0.082	0.181	0.063	0.144
RES	RES1571	0.3	1	1	2	5	0.150	0.439	0.191	0.378	0.093	0.203	0.137	0.283
RES	RES1572	0.3	1	1	2	5	0.085	0.237	0.091	0.199	0.088	0.193	0.070	0.158
RES	RES1573	0.3	1	1	2	5	0.075	0.208	0.051	0.120	0.049	0.116	0.051	0.120
RES	RES1574	0.3	1	1	2	5	0.088	0.246	0.096	0.208	0.091	0.199	0.074	0.166
RES	RES1575	0.3	1	1	2	5	0.162	0.478	0.217	0.422	0.093	0.202	0.147	0.302
RES	RES1576	0.3	1	1	2	5	0.091	0.256	0.103	0.221	0.095	0.205	0.079	0.175

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1577	0.3	1	1	2	5	0.094	0.267	0.110	0.234	0.098	0.211	0.084	0.185
RES	RES1578	0.3	1	1	2	5	0.076	0.211	0.054	0.127	0.054	0.125	0.054	0.126
RES	RES1579	0.3	1	1	2	5	0.074	0.206	0.074	0.165	0.072	0.162	0.056	0.130
RES	RES1580	0.3	1	1	2	5	0.098	0.278	0.118	0.248	0.101	0.217	0.089	0.195
RES	RES1581	0.3	1	1	2	5	0.077	0.213	0.057	0.132	0.056	0.130	0.055	0.128
RES	RES1582	0.3	1	1	2	5	0.191	0.572	0.272	0.513	0.111	0.235	0.163	0.329
RES	RES1583	0.3	1	1	2	5	0.077	0.213	0.060	0.138	0.059	0.135	0.056	0.130
RES	RES1584	0.3	1	1	2	5	0.102	0.290	0.126	0.264	0.104	0.222	0.095	0.206
RES	RES1585	0.3	1	1	2	5	0.106	0.304	0.136	0.280	0.106	0.226	0.102	0.219
RES	RES1586	0.3	1	1	2	5	0.077	0.215	0.062	0.143	0.061	0.141	0.057	0.133
RES	RES1587	0.3	1	1	2	5	0.077	0.214	0.066	0.150	0.064	0.147	0.058	0.134
RES	RES1588	0.3	1	1	2	5	0.077	0.214	0.069	0.157	0.068	0.153	0.058	0.135
RES	RES1589	0.3	1	1	2	5	0.121	0.350	0.167	0.336	0.110	0.234	0.125	0.261
RES	RES1590	0.3	1	1	2	5	0.077	0.214	0.073	0.164	0.071	0.160	0.059	0.137
RES	RES1591	0.3	1	1	2	5	0.116	0.334	0.160	0.324	0.112	0.238	0.119	0.250
RES	RES1592	0.3	1	1	2	5	0.128	0.370	0.181	0.361	0.110	0.235	0.134	0.278
RES	RES1593	0.3	1	1	2	5	0.077	0.214	0.078	0.174	0.076	0.170	0.060	0.138
RES	RES1594	0.3	1	1	2	5	0.151	0.443	0.243	0.465	0.111	0.236	0.169	0.339
RES	RES1595	0.3	1	1	2	5	0.170	0.505	0.296	0.552	0.107	0.228	0.188	0.372
RES	RES1596	0.3	1	1	2	5	0.158	0.466	0.266	0.502	0.111	0.235	0.179	0.356
RES	RES1597	0.3	1	1	2	5	0.196	0.589	0.385	0.692	0.118	0.248	0.210	0.409
RES	RES1598	0.3	1	1	2	5	0.183	0.544	0.349	0.636	0.107	0.229	0.204	0.400
RES	RES1599	0.3	1	1	2	5	0.106	0.302	0.162	0.327	0.130	0.270	0.115	0.243
RES	RES1600	0.3	1	1	2	5	0.111	0.318	0.184	0.365	0.138	0.284	0.128	0.267

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1601	0.3	1	1	2	5	0.117	0.335	0.202	0.395	0.139	0.287	0.139	0.287
RES	RES1602	0.3	1	1	2	5	0.121	0.350	0.220	0.426	0.141	0.290	0.151	0.308
RES	RES1603	0.3	1	1	2	5	0.129	0.373	0.244	0.467	0.141	0.289	0.168	0.337
RES	RES1604	0.3	1	1	2	5	0.134	0.391	0.264	0.499	0.140	0.288	0.180	0.358
RES	RES1605	0.3	1	1	2	5	0.143	0.419	0.306	0.567	0.141	0.290	0.203	0.398
RES	RES1606	0.3	1	1	2	5	0.150	0.441	0.340	0.622	0.140	0.288	0.221	0.428
RES	RES1607	0.3	1	1	2	5	0.114	0.328	0.233	0.449	0.166	0.335	0.151	0.308
RES	RES1608	0.3	1	1	2	5	0.120	0.345	0.263	0.497	0.169	0.338	0.168	0.337
RES	RES1609	0.3	1	1	2	5	0.126	0.364	0.296	0.551	0.169	0.340	0.187	0.370
RES	RES1610	0.3	1	1	2	5	0.132	0.384	0.334	0.612	0.170	0.341	0.209	0.408
RES	RES1611	0.3	1	1	2	5	0.183	0.544	0.663	1.110	0.139	0.286	0.332	0.609
RES	RES1612	0.3	1	1	2	5	0.140	0.407	0.381	0.686	0.169	0.340	0.235	0.452
RES	RES1613	0.3	1	1	2	5	0.160	0.471	0.508	0.881	0.156	0.316	0.295	0.550
RES	RES1614	0.3	1	1	2	5	0.148	0.433	0.444	0.783	0.167	0.336	0.267	0.504
RES	RES1615	0.3	1	1	2	5	0.179	0.534	0.791	1.292	0.151	0.307	0.379	0.683
RES	RES1616	0.3	1	1	2	5	0.113	0.325	0.309	0.572	0.227	0.439	0.177	0.352
RES	RES1617	0.3	1	1	2	5	0.119	0.341	0.357	0.648	0.228	0.439	0.199	0.390
RES	RES1618	0.3	1	1	2	5	0.134	0.391	0.541	0.930	0.223	0.432	0.279	0.525
RES	RES1619	0.3	1	1	2	5	0.169	0.502	1.112	1.736	0.181	0.360	0.485	0.845
RES	RES1620	0.3	1	1	2	5	0.164	0.486	1.020	1.611	0.188	0.372	0.462	0.812
RES	RES1621	0.3	1	1	2	5	0.129	0.373	0.508	0.880	0.237	0.455	0.258	0.489
RES	RES1622	0.3	1	1	2	5	0.156	0.460	1.055	1.659	0.210	0.410	0.464	0.814
RES	RES1623	0.3	1	1	2	5	0.148	0.432	1.109	1.732	0.243	0.465	0.449	0.792
RES	RES1624	0.3	1	1	2	5	0.140	0.410	1.105	1.728	0.275	0.517	0.414	0.738

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1625	0.3	1	1	2	5	0.133	0.387	0.948	1.512	0.302	0.562	0.357	0.648
RES	RES1626	0.3	1	1	2	5	0.043	0.114	0.048	0.114	0.031	0.079	0.048	0.114
RES	RES1627	0.3	1	1	2	5	0.048	0.130	0.028	0.072	0.021	0.056	0.024	0.062
RES	RES1628	0.3	1	1	2	5	0.107	0.305	0.073	0.165	0.062	0.141	0.073	0.165
RES	RES1629	0.3	1	1	2	5	0.080	0.224	0.044	0.106	0.035	0.087	0.044	0.106
RES	RES1630	0.3	1	1	2	5	0.217	0.656	-*	-*	0.163	0.328	-*	-*
RES	RES1631	0.3	1	1	2	5	0.145	0.423	-*	-*	0.409	0.731	1.981	2.865
RES	RES1632	0.3	1	1	2	5	0.145	0.423	-*	-*	0.408	0.729	2.152	3.077
RES	RES1633	0.3	1	1	2	5	0.078	0.217	0.043	0.103	0.034	0.084	0.043	0.103
RES	RES1634	0.3	1	1	2	5	0.144	0.421	0.150	0.305	0.114	0.241	0.150	0.305
RES	RES1635	0.3	1	1	2	5	0.023	0.059	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES1636	0.3	1	1	2	5	0.040	0.104	0.030	0.075	0.020	0.054	0.024	0.062
RES	RES1637	0.3	1	1	2	5	0.035	0.091	0.032	0.080	0.021	0.056	0.032	0.080
RES	RES1638	0.3	1	1	2	5	0.148	0.434	0.639	1.075	0.605	1.025	0.284	0.532
RES	RES1639	0.3	1	1	2	5	0.040	0.104	0.025	0.066	0.020	0.054	0.025	0.066
RES	RES1640	0.3	1	1	2	5	0.138	0.402	0.456	0.803	0.091	0.199	0.456	0.803
RES	RES1641	0.3	1	1	2	5	0.043	0.114	0.029	0.074	0.023	0.061	0.029	0.074
RES	RES1642	0.3	1	1	2	5	0.201	0.604	0.597	1.013	0.340	0.621	0.597	1.013
RES	RES1643	0.3	1	1	2	5	0.038	0.099	0.025	0.066	0.015	0.042	0.018	0.049
RES	RES1644	0.3	1	1	2	5	0.039	0.103	0.055	0.128	0.021	0.056	0.019	0.052
RES	RES1645	0.3	1	1	2	5	0.127	0.366	7.792	9.385	0.220	0.427	7.792	9.385
RES	RES1646	0.3	1	1	2	5	0.030	0.077	0.027	0.069	0.015	0.043	0.022	0.057
RES	RES1647	0.3	1	1	2	5	0.286	0.883	0.463	0.813	0.237	0.454	0.463	0.813
RES	RES1648	0.3	1	1	2	5	0.098	0.277	0.143	0.293	0.055	0.128	0.143	0.293

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1649	0.3	1	1	2	5	0.045	0.118	0.064	0.146	0.026	0.066	0.025	0.064
RES	RES1650	0.3	1	1	2	5	0.265	0.811	0.316	0.584	0.141	0.291	0.316	0.584
RES	RES1651	0.3	1	1	2	5	0.122	0.352	0.241	0.461	0.081	0.179	0.241	0.461
RES	RES1652	0.3	1	1	2	5	0.052	0.139	0.091	0.199	0.032	0.081	0.031	0.079
RES	RES1653	0.3	1	1	2	5	0.030	0.078	0.013	0.037	0.011	0.032	0.012	0.035
RES	RES1654	0.3	1	1	2	5	0.060	0.163	0.047	0.112	0.028	0.071	0.047	0.112
RES	RES1655	0.3	1	1	2	5	0.056	0.150	0.336	0.616	0.213	0.414	0.129	0.268
RES	RES1656	0.3	1	1	2	5	0.014	0.033	0.014	0.039	0.011	0.031	0.013	0.037
RES	RES1657	0.3	1	1	2	5	0.060	0.162	0.143	0.293	0.041	0.100	0.039	0.094
RES	RES1658	0.3	1	1	2	5	0.081	0.225	0.107	0.228	0.055	0.128	0.107	0.228
RES	RES1659	0.3	1	1	2	5	0.103	0.292	0.108	0.230	0.071	0.159	0.108	0.230
RES	RES1660	0.3	1	1	2	5	0.026	0.065	0.014	0.040	0.011	0.032	0.014	0.040
RES	RES1661	0.3	1	1	2	5	0.066	0.182	0.175	0.349	0.049	0.116	0.047	0.112
RES	RES1662	0.3	1	1	2	5	0.071	0.195	0.131	0.272	0.053	0.124	0.060	0.139
RES	RES1663	0.3	1	1	2	5	0.048	0.127	0.031	0.077	0.020	0.054	0.031	0.077
RES	RES1664	0.3	1	1	2	5	0.893	2.941	-*	-*	-*	-*	-*	-*
RES	RES1665	0.3	1	1	2	5	0.070	0.193	0.084	0.184	0.053	0.123	0.084	0.184
RES	RES1666	0.3	1	1	2	5	0.092	0.260	1.635	2.425	1.193	1.846	0.577	0.984
RES	RES1667	0.3	1	1	2	5	0.081	0.227	0.063	0.144	0.043	0.104	0.063	0.144
RES	RES1668	0.3	1	1	2	5	0.374	1.178	10.863	12.517	2.416	3.402	10.863	12.517
RES	RES1669	0.3	1	1	2	5	0.016	0.039	0.011	0.031	0.010	0.029	0.011	0.031
RES	RES1670	0.3	1	1	2	5	0.105	0.298	0.218	0.423	0.122	0.256	0.218	0.423
RES	RES1671	0.3	1	1	2	5	0.048	0.127	0.031	0.079	0.021	0.055	0.031	0.079
RES	RES1672	0.3	1	1	2	5	0.065	0.177	0.047	0.113	0.031	0.079	0.047	0.113

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1673	0.3	1	1	2	5	0.111	0.317	1.035	1.631	0.160	0.324	0.089	0.195
RES	RES1674	0.3	1	1	2	5	0.038	0.100	0.021	0.057	0.015	0.042	0.021	0.057
RES	RES1675	0.3	1	1	2	5	0.141	0.411	3.218	4.361	0.146	0.298	3.218	4.361
RES	RES1676	0.3	1	1	2	5	0.027	0.069	0.012	0.034	0.010	0.028	0.012	0.034
RES	RES1677	0.3	1	1	2	5	0.183	0.546	1.005	1.590	0.944	1.507	0.179	0.356
RES	RES1678	0.3	1	1	2	5	0.099	0.280	0.279	0.523	0.075	0.167	0.279	0.523
RES	RES1679	0.3	1	1	2	5	0.020	0.051	0.013	0.036	0.009	0.027	0.013	0.036
RES	RES1680	0.3	1	1	2	5	0.017	0.041	0.011	0.031	0.008	0.024	0.010	0.029
RES	RES1681	0.3	1	1	2	5	0.183	0.545	-*	-*	11.174	12.828	0.128	0.266
RES	RES1682	0.3	1	1	2	5	0.083	0.232	0.147	0.300	0.056	0.130	0.147	0.300
RES	RES1683	0.3	1	1	2	5	0.024	0.060	0.017	0.046	0.010	0.029	0.017	0.046
RES	RES1684	0.3	1	1	2	5	0.055	0.149	0.046	0.109	0.023	0.060	0.030	0.075
RES	RES1685	0.3	1	1	2	5	0.176	0.524	0.171	0.342	0.103	0.220	0.147	0.301
RES	RES1686	0.3	1	1	2	5	0.050	0.133	0.042	0.102	0.020	0.053	0.032	0.079
RES	RES1687	0.3	1	1	2	5	0.018	0.044	0.013	0.037	0.010	0.029	0.012	0.035
RES	RES1688	0.3	1	1	2	5	0.024	0.059	0.010	0.029	0.008	0.024	0.010	0.029
RES	RES1689	0.3	1	1	2	5	0.024	0.060	0.021	0.055	0.012	0.035	0.021	0.055
RES	RES1690	0.3	1	1	2	5	0.021	0.052	0.019	0.050	0.013	0.036	0.018	0.048
RES	RES1691	0.3	1	1	2	5	0.038	0.099	0.050	0.118	0.029	0.074	0.050	0.118
RES	RES1692	0.3	1	1	2	5	0.043	0.115	0.031	0.078	0.020	0.054	0.031	0.078
RES	RES1693	0.3	1	1	2	5	0.039	0.104	0.026	0.067	0.018	0.048	0.026	0.067
RES	RES1694	0.3	1	1	2	5	0.035	0.091	0.021	0.056	0.015	0.042	0.021	0.056
RES	RES1695	0.3	1	1	2	5	0.060	0.164	2.868	3.947	0.023	0.060	0.083	0.183
RES	RES1696	0.3	1	1	2	5	0.137	0.400	1.270	1.948	0.059	0.136	1.270	1.948

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1697	0.3	1	1	2	5	0.141	0.410	0.457	0.803	0.058	0.135	0.457	0.803
RES	RES1698	0.3	1	1	2	5	0.016	0.040	0.028	0.071	0.020	0.053	0.017	0.046
RES	RES1699	0.3	1	1	2	5	0.012	0.029	0.010	0.029	0.009	0.026	0.007	0.021
RES	RES1700	0.3	1	1	2	5	0.012	0.029	0.011	0.031	0.010	0.028	0.007	0.022
RES	RES1701	0.3	1	1	2	5	0.027	0.069	0.815	1.326	0.043	0.103	0.600	1.017
RES	RES1702	0.3	1	1	2	5	0.012	0.030	0.011	0.032	0.010	0.029	0.008	0.023
RES	RES1703	0.3	1	1	2	5	0.013	0.030	0.011	0.032	0.010	0.029	0.008	0.024
RES	RES1704	0.3	1	1	2	5	0.012	0.030	0.011	0.033	0.010	0.030	0.008	0.024
RES	RES1705	0.3	1	1	2	5	0.013	0.030	0.011	0.032	0.010	0.029	0.008	0.024
RES	RES1706	0.3	1	1	2	5	0.013	0.030	0.012	0.034	0.010	0.030	0.008	0.024
RES	RES1707	0.3	1	1	2	5	0.013	0.030	0.011	0.033	0.010	0.030	0.008	0.024
RES	RES1708	0.3	1	1	2	5	0.013	0.031	0.011	0.031	0.010	0.028	0.008	0.024
RES	RES1709	0.3	1	1	2	5	0.013	0.030	0.011	0.033	0.010	0.030	0.008	0.024
RES	RES1710	0.3	1	1	2	5	0.013	0.030	0.012	0.034	0.011	0.031	0.008	0.025
RES	RES1711	0.3	1	1	2	5	0.016	0.039	0.038	0.093	0.026	0.068	0.018	0.048
RES	RES1712	0.3	1	1	2	5	0.013	0.031	0.011	0.032	0.010	0.029	0.008	0.024
RES	RES1713	0.3	1	1	2	5	0.013	0.030	0.012	0.034	0.011	0.031	0.008	0.025
RES	RES1714	0.3	1	1	2	5	0.013	0.031	0.012	0.033	0.010	0.030	0.008	0.025
RES	RES1715	0.3	1	1	2	5	0.013	0.031	0.011	0.032	0.010	0.029	0.008	0.025
RES	RES1716	0.3	1	1	2	5	0.015	0.035	0.027	0.069	0.021	0.056	0.014	0.039
RES	RES1717	0.3	1	1	2	5	0.030	0.076	5.630	7.081	0.042	0.102	5.630	7.081
RES	RES1718	0.3	1	1	2	5	0.013	0.031	0.011	0.032	0.010	0.029	0.008	0.025
RES	RES1719	0.3	1	1	2	5	0.013	0.031	0.012	0.035	0.011	0.031	0.008	0.025
RES	RES1720	0.3	1	1	2	5	0.013	0.032	0.010	0.030	0.009	0.027	0.008	0.025

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1721	0.3	1	1	2	5	0.013	0.031	0.012	0.034	0.010	0.030	0.008	0.025
RES	RES1722	0.3	1	1	2	5	0.013	0.031	0.011	0.033	0.010	0.029	0.008	0.025
RES	RES1723	0.3	1	1	2	5	0.013	0.030	0.016	0.044	0.014	0.039	0.009	0.027
RES	RES1724	0.3	1	1	2	5	0.023	0.058	0.010	0.030	0.008	0.025	0.010	0.030
RES	RES1725	0.3	1	1	2	5	0.013	0.031	0.012	0.035	0.011	0.032	0.009	0.026
RES	RES1726	0.3	1	1	2	5	0.013	0.031	0.012	0.034	0.011	0.031	0.009	0.026
RES	RES1727	0.3	1	1	2	5	0.013	0.031	0.014	0.039	0.012	0.035	0.009	0.026
RES	RES1728	0.3	1	1	2	5	0.013	0.032	0.011	0.031	0.009	0.027	0.008	0.025
RES	RES1729	0.3	1	1	2	5	0.013	0.032	0.010	0.030	0.009	0.027	0.008	0.025
RES	RES1730	0.3	1	1	2	5	0.013	0.032	0.012	0.033	0.010	0.030	0.009	0.026
RES	RES1731	0.3	1	1	2	5	0.014	0.033	0.010	0.029	0.009	0.026	0.008	0.025
RES	RES1732	0.3	1	1	2	5	0.013	0.032	0.011	0.032	0.010	0.028	0.009	0.026
RES	RES1733	0.3	1	1	2	5	0.014	0.033	0.010	0.029	0.008	0.025	0.008	0.025
RES	RES1734	0.3	1	1	2	5	0.013	0.032	0.012	0.035	0.011	0.031	0.009	0.026
RES	RES1735	0.3	1	1	2	5	0.013	0.031	0.013	0.036	0.011	0.032	0.009	0.026
RES	RES1736	0.3	1	1	2	5	0.013	0.032	0.012	0.034	0.011	0.031	0.009	0.026
RES	RES1737	0.3	1	1	2	5	0.013	0.031	0.013	0.036	0.011	0.032	0.009	0.027
RES	RES1738	0.3	1	1	2	5	0.014	0.033	0.010	0.030	0.009	0.026	0.009	0.026
RES	RES1739	0.3	1	1	2	5	0.013	0.032	0.011	0.032	0.010	0.029	0.009	0.026
RES	RES1740	0.3	1	1	2	5	0.013	0.030	0.018	0.048	0.015	0.042	0.009	0.028
RES	RES1741	0.3	1	1	2	5	0.013	0.031	0.015	0.043	0.013	0.038	0.009	0.028
RES	RES1742	0.3	1	1	2	5	0.014	0.033	0.010	0.030	0.009	0.027	0.009	0.026
RES	RES1743	0.3	1	1	2	5	0.013	0.031	0.015	0.042	0.013	0.037	0.009	0.028
RES	RES1744	0.3	1	1	2	5	0.013	0.031	0.015	0.041	0.013	0.037	0.009	0.028

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1745	0.3	1	1	2	5	0.014	0.033	0.010	0.030	0.009	0.026	0.009	0.026
RES	RES1746	0.3	1	1	2	5	0.047	0.125	0.034	0.084	0.017	0.045	0.034	0.084
RES	RES1747	0.3	1	1	2	5	0.014	0.033	0.012	0.034	0.010	0.030	0.009	0.028
RES	RES1748	0.3	1	1	2	5	0.014	0.033	0.013	0.036	0.011	0.031	0.010	0.028
RES	RES1749	0.3	1	1	2	5	0.014	0.033	0.012	0.035	0.011	0.031	0.010	0.028
RES	RES1750	0.3	1	1	2	5	0.020	0.050	1.009	1.595	0.147	0.300	0.049	0.116
RES	RES1751	0.3	1	1	2	5	0.014	0.033	0.013	0.037	0.011	0.032	0.010	0.028
RES	RES1752	0.3	1	1	2	5	0.014	0.033	0.013	0.037	0.011	0.032	0.010	0.029
RES	RES1753	0.3	1	1	2	5	0.014	0.034	0.012	0.033	0.010	0.029	0.009	0.028
RES	RES1754	0.3	1	1	2	5	0.014	0.034	0.010	0.030	0.009	0.026	0.009	0.027
RES	RES1755	0.3	1	1	2	5	0.014	0.034	0.010	0.030	0.009	0.026	0.009	0.027
RES	RES1756	0.3	1	1	2	5	0.014	0.033	0.014	0.039	0.012	0.034	0.010	0.029
RES	RES1757	0.3	1	1	2	5	0.013	0.032	0.015	0.041	0.012	0.035	0.010	0.029
RES	RES1758	0.3	1	1	2	5	0.014	0.035	0.010	0.029	0.008	0.025	0.009	0.027
RES	RES1759	0.3	1	1	2	5	0.014	0.033	0.014	0.040	0.012	0.035	0.010	0.029
RES	RES1760	0.3	1	1	2	5	0.013	0.032	0.015	0.041	0.013	0.036	0.010	0.029
RES	RES1761	0.3	1	1	2	5	0.014	0.034	0.011	0.031	0.009	0.027	0.009	0.028
RES	RES1762	0.3	1	1	2	5	0.014	0.035	0.010	0.029	0.008	0.025	0.009	0.027
RES	RES1763	0.3	1	1	2	5	0.014	0.033	0.014	0.040	0.012	0.035	0.010	0.029
RES	RES1764	0.3	1	1	2	5	0.013	0.032	0.015	0.042	0.013	0.037	0.010	0.030
RES	RES1765	0.3	1	1	2	5	0.014	0.034	0.012	0.034	0.010	0.029	0.010	0.028
RES	RES1766	0.3	1	1	2	5	0.013	0.032	0.016	0.043	0.013	0.038	0.010	0.030
RES	RES1767	0.3	1	1	2	5	0.014	0.034	0.011	0.033	0.010	0.028	0.010	0.028
RES	RES1768	0.3	1	1	2	5	0.018	0.045	0.255	0.485	0.095	0.206	0.033	0.082

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1769	0.3	1	1	2	5	0.014	0.035	0.010	0.030	0.009	0.026	0.009	0.027
RES	RES1770	0.3	1	1	2	5	0.013	0.032	0.016	0.044	0.014	0.038	0.010	0.030
RES	RES1771	0.3	1	1	2	5	0.014	0.034	0.012	0.035	0.010	0.030	0.010	0.029
RES	RES1772	0.3	1	1	2	5	0.013	0.032	0.017	0.046	0.014	0.039	0.010	0.030
RES	RES1773	0.3	1	1	2	5	0.014	0.034	0.012	0.035	0.010	0.030	0.010	0.029
RES	RES1774	0.3	1	1	2	5	0.014	0.034	0.013	0.036	0.011	0.031	0.010	0.029
RES	RES1775	0.3	1	1	2	5	0.014	0.034	0.012	0.034	0.010	0.029	0.010	0.029
RES	RES1776	0.3	1	1	2	5	0.013	0.031	0.023	0.060	0.019	0.051	0.010	0.031
RES	RES1777	0.3	1	1	2	5	0.015	0.035	0.010	0.029	0.008	0.025	0.009	0.027
RES	RES1778	0.3	1	1	2	5	0.027	0.068	0.012	0.035	0.009	0.026	0.012	0.035
RES	RES1779	0.3	1	1	2	5	0.013	0.032	0.018	0.048	0.015	0.041	0.010	0.030
RES	RES1780	0.3	1	1	2	5	0.014	0.034	0.012	0.035	0.010	0.031	0.010	0.029
RES	RES1781	0.3	1	1	2	5	0.014	0.034	0.013	0.037	0.011	0.032	0.010	0.030
RES	RES1782	0.3	1	1	2	5	0.014	0.035	0.010	0.030	0.009	0.026	0.009	0.028
RES	RES1783	0.3	1	1	2	5	0.014	0.035	0.010	0.030	0.009	0.026	0.009	0.028
RES	RES1784	0.3	1	1	2	5	0.014	0.033	0.014	0.039	0.012	0.034	0.010	0.030
RES	RES1785	0.3	1	1	2	5	0.014	0.034	0.013	0.038	0.011	0.033	0.010	0.030
RES	RES1786	0.3	1	1	2	5	0.014	0.034	0.013	0.036	0.011	0.031	0.010	0.030
RES	RES1787	0.3	1	1	2	5	0.014	0.033	0.015	0.040	0.012	0.035	0.010	0.030
RES	RES1788	0.3	1	1	2	5	0.015	0.035	0.011	0.031	0.009	0.026	0.010	0.028
RES	RES1789	0.3	1	1	2	5	0.015	0.035	0.011	0.031	0.009	0.026	0.010	0.028
RES	RES1790	0.3	1	1	2	5	0.014	0.033	0.015	0.041	0.012	0.035	0.010	0.031
RES	RES1791	0.3	1	1	2	5	0.014	0.033	0.015	0.042	0.013	0.036	0.011	0.031
RES	RES1792	0.3	1	1	2	5	0.014	0.035	0.012	0.033	0.010	0.028	0.010	0.029

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1793	0.3	1	1	2	5	0.014	0.033	0.016	0.043	0.013	0.037	0.011	0.031
RES	RES1794	0.3	1	1	2	5	0.014	0.035	0.012	0.034	0.010	0.029	0.010	0.029
RES	RES1795	0.3	1	1	2	5	0.014	0.035	0.013	0.036	0.010	0.030	0.010	0.030
RES	RES1796	0.3	1	1	2	5	0.014	0.033	0.017	0.045	0.014	0.039	0.011	0.031
RES	RES1797	0.3	1	1	2	5	0.015	0.036	0.010	0.029	0.008	0.025	0.009	0.028
RES	RES1798	0.3	1	1	2	5	0.014	0.033	0.017	0.047	0.014	0.040	0.011	0.031
RES	RES1799	0.3	1	1	2	5	0.014	0.034	0.013	0.037	0.011	0.031	0.010	0.030
RES	RES1800	0.3	1	1	2	5	0.015	0.036	0.011	0.031	0.009	0.026	0.010	0.029
RES	RES1801	0.3	1	1	2	5	0.013	0.032	0.019	0.052	0.016	0.044	0.011	0.032
RES	RES1802	0.3	1	1	2	5	0.025	0.062	0.319	0.589	0.097	0.209	0.136	0.282
RES	RES1803	0.3	1	1	2	5	0.016	0.040	0.089	0.194	0.057	0.132	0.021	0.055
RES	RES1804	0.3	1	1	2	5	0.013	0.032	0.026	0.068	0.022	0.057	0.011	0.032
RES	RES1805	0.3	1	1	2	5	0.014	0.034	0.015	0.041	0.012	0.035	0.011	0.031
RES	RES1806	0.3	1	1	2	5	0.014	0.034	0.016	0.043	0.013	0.037	0.011	0.032
RES	RES1807	0.3	1	1	2	5	0.014	0.034	0.015	0.043	0.013	0.036	0.011	0.032
RES	RES1808	0.3	1	1	2	5	0.014	0.034	0.017	0.045	0.014	0.038	0.011	0.032
RES	RES1809	0.3	1	1	2	5	0.014	0.034	0.016	0.045	0.013	0.038	0.011	0.032
RES	RES1810	0.3	1	1	2	5	0.014	0.033	0.018	0.048	0.014	0.040	0.011	0.033
RES	RES1811	0.3	1	1	2	5	0.013	0.032	0.024	0.062	0.019	0.051	0.012	0.033
RES	RES1812	0.3	1	1	2	5	0.014	0.033	0.019	0.052	0.016	0.043	0.012	0.034
RES	RES1813	0.3	1	1	2	5	0.015	0.037	0.012	0.033	0.009	0.027	0.011	0.031
RES	RES1814	0.3	1	1	2	5	0.015	0.037	0.011	0.032	0.009	0.026	0.010	0.030
RES	RES1815	0.3	1	1	2	5	0.016	0.038	0.010	0.029	0.008	0.024	0.010	0.029
RES	RES1816	0.3	1	1	2	5	0.015	0.036	0.013	0.038	0.011	0.031	0.011	0.033

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1817	0.3	1	1	2	5	0.015	0.035	0.015	0.042	0.012	0.035	0.012	0.034
RES	RES1818	0.3	1	1	2	5	0.016	0.039	0.010	0.029	0.008	0.023	0.010	0.029
RES	RES1819	0.3	1	1	2	5	0.014	0.034	0.021	0.056	0.016	0.045	0.013	0.036
RES	RES1820	0.3	1	1	2	5	0.015	0.037	0.014	0.040	0.011	0.032	0.012	0.035
RES	RES1821	0.3	1	1	2	5	0.019	0.046	-*	-*	1.142	1.777	0.034	0.084
RES	RES1822	0.3	1	1	2	5	0.015	0.035	0.020	0.054	0.015	0.042	0.013	0.038
RES	RES1823	0.3	1	1	2	5	0.026	0.067	0.012	0.035	0.008	0.025	0.012	0.035
RES	RES1824	0.3	1	1	2	5	0.032	0.083	0.018	0.048	0.011	0.031	0.018	0.048
RES	RES1825	0.3	1	1	2	5	0.031	0.081	0.017	0.046	0.010	0.030	0.017	0.046
RES	RES1826	0.3	1	1	2	5	0.030	0.077	0.016	0.044	0.010	0.029	0.016	0.044
RES	RES1827	0.3	1	1	2	5	0.016	0.039	0.015	0.040	0.011	0.031	0.014	0.038
RES	RES1828	0.3	1	1	2	5	0.023	0.058	0.010	0.029	0.007	0.022	0.010	0.029
RES	RES1829	0.3	1	1	2	5	0.014	0.034	0.081	0.178	0.050	0.117	0.014	0.040
RES	RES1830	0.3	1	1	2	5	0.017	0.042	0.013	0.037	0.009	0.026	0.013	0.037
RES	RES1831	0.3	1	1	2	5	0.017	0.042	0.014	0.039	0.010	0.028	0.014	0.039
RES	RES1832	0.3	1	1	2	5	0.018	0.045	0.011	0.031	0.007	0.022	0.011	0.031
RES	RES1833	0.3	1	1	2	5	0.026	0.067	0.013	0.036	0.008	0.025	0.013	0.036
RES	RES1834	0.3	1	1	2	5	0.014	0.033	0.109	0.232	0.050	0.119	0.017	0.046
RES	RES1835	0.3	1	1	2	5	0.028	0.071	0.014	0.038	0.009	0.026	0.014	0.038
RES	RES1836	0.3	1	1	2	5	0.017	0.043	0.631	1.062	0.290	0.541	0.024	0.063
RES	RES1837	0.3	1	1	2	5	0.015	0.035	-*	-*	0.101	0.217	0.020	0.053
RES	RES1838	0.3	1	1	2	5	0.016	0.040	0.136	0.281	0.107	0.229	0.019	0.051
RES	RES1839	0.3	1	1	2	5	0.021	0.052	0.012	0.035	0.011	0.032	0.012	0.033
RES	RES1840	0.3	1	1	2	5	0.016	0.039	0.054	0.126	0.043	0.104	0.020	0.053

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1841	0.3	1	1	2	5	0.027	0.069	0.015	0.042	0.013	0.036	0.014	0.040
RES	RES1842	0.3	1	1	2	5	0.026	0.066	0.019	0.052	0.013	0.036	0.019	0.052
RES	RES1843	0.3	1	1	2	5	0.028	0.072	0.014	0.039	0.013	0.037	0.013	0.037
RES	RES1844	0.3	1	1	2	5	0.025	0.064	0.026	0.068	0.013	0.036	0.026	0.068
RES	RES1845	0.3	1	1	2	5	0.025	0.062	0.034	0.085	0.012	0.035	0.034	0.085
RES	RES1846	0.3	1	1	2	5	0.016	0.039	0.028	0.071	0.022	0.058	0.017	0.046
RES	RES1847	0.3	1	1	2	5	0.016	0.038	0.030	0.075	0.024	0.063	0.019	0.050
RES	RES1848	0.3	1	1	2	5	0.034	0.089	0.016	0.045	0.016	0.045	0.016	0.045
RES	RES1849	0.3	1	1	2	5	0.033	0.084	0.024	0.062	0.018	0.049	0.019	0.050
RES	RES1850	0.3	1	1	2	5	0.022	0.056	1.053	1.656	0.011	0.033	1.053	1.656
RES	RES1851	0.3	1	1	2	5	0.031	0.081	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES1852	0.3	1	1	2	5	0.029	0.075	0.090	0.197	0.018	0.050	0.089	0.194
RES	RES1853	0.3	1	1	2	5	0.016	0.038	0.191	0.378	0.015	0.041	0.191	0.378
RES	RES1854	0.3	1	1	2	5	0.029	0.075	0.148	0.302	0.018	0.050	0.120	0.252
RES	RES1855	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES1856	0.3	1	1	2	5	0.049	0.132	0.035	0.087	0.035	0.086	0.035	0.087
RES	RES1857	0.3	1	1	2	5	0.050	0.134	0.043	0.103	0.039	0.095	0.039	0.096
RES	RES1858	0.3	1	1	2	5	0.056	0.152	0.030	0.075	0.029	0.074	0.030	0.075
RES	RES1859	0.3	1	1	2	5	0.057	0.155	0.042	0.102	0.042	0.101	0.042	0.102
RES	RES1860	0.3	1	1	2	5	0.016	0.039	0.139	0.286	0.012	0.034	0.139	0.286
RES	RES1861	0.3	1	1	2	5	0.057	0.155	0.029	0.074	0.027	0.069	0.029	0.074
RES	RES1862	0.3	1	1	2	5	0.018	0.043	0.165	0.332	0.010	0.030	0.165	0.332
RES	RES1863	0.3	1	1	2	5	0.070	0.194	0.076	0.169	0.075	0.168	0.076	0.169
RES	RES1864	0.3	1	1	2	5	0.019	0.046	0.128	0.266	0.010	0.029	0.128	0.266

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1865	0.3	1	1	2	5	0.075	0.207	0.048	0.113	0.047	0.112	0.048	0.113
RES	RES1866	0.3	1	1	2	5	0.019	0.048	0.087	0.191	0.009	0.027	0.087	0.191
RES	RES1867	0.3	1	1	2	5	0.086	0.241	0.050	0.118	0.042	0.101	0.050	0.118
RES	RES1868	0.3	1	1	2	5	0.019	0.048	0.067	0.152	0.009	0.026	0.067	0.152
RES	RES1869	0.3	1	1	2	5	0.030	0.076	0.013	0.037	0.013	0.037	0.013	0.036
RES	RES1870	0.3	1	1	2	5	0.020	0.050	0.053	0.124	0.009	0.027	0.053	0.124
RES	RES1871	0.3	1	1	2	5	0.021	0.053	0.042	0.101	0.010	0.029	0.042	0.101
RES	RES1872	0.3	1	1	2	5	0.099	0.280	2.942	4.035	1.035	1.631	1.615	2.399
RES	RES1873	0.3	1	1	2	5	0.197	0.592	0.587	0.999	0.516	0.892	0.587	0.999
RES	RES1874	0.3	1	1	2	5	0.083	0.231	0.058	0.134	0.042	0.101	0.058	0.134
RES	RES1875	0.3	1	1	2	5	0.019	0.048	0.024	0.063	0.008	0.025	0.024	0.063
RES	RES1876	0.3	1	1	2	5	0.023	0.059	0.027	0.069	0.011	0.032	0.023	0.060
RES	RES1877	0.3	1	1	2	5	0.034	0.088	0.030	0.075	0.018	0.049	0.028	0.072
RES	RES1878	0.3	1	1	2	5	0.097	0.274	0.192	0.379	0.072	0.163	0.144	0.295
RES	RES1879	0.3	1	1	2	5	0.382	1.203	-*	-*	17.770	19.176	-*	-*
RES	RES1880	0.3	1	1	2	5	0.033	0.086	0.027	0.068	0.017	0.046	0.026	0.067
RES	RES1881	0.3	1	1	2	5	0.026	0.067	0.020	0.053	0.012	0.035	0.017	0.047
RES	RES1882	0.3	1	1	2	5	0.257	0.786	4.378	5.694	0.509	0.882	4.378	5.694
RES	RES1883	0.3	1	1	2	5	0.080	0.224	0.052	0.122	0.036	0.090	0.052	0.122
RES	RES1884	0.3	1	1	2	5	0.118	0.338	0.259	0.491	0.100	0.215	0.259	0.491
RES	RES1885	0.3	1	1	2	5	0.023	0.057	0.012	0.035	0.009	0.027	0.012	0.034
RES	RES1886	0.3	1	1	2	5	0.040	0.104	0.205	0.401	0.198	0.389	0.023	0.060
RES	RES1887	0.3	1	1	2	5	0.032	0.081	0.086	0.190	0.085	0.187	0.018	0.049
RES	RES1888	0.3	1	1	2	5	0.104	0.295	0.251	0.478	0.080	0.177	0.251	0.478

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1889	0.3	1	1	2	5	0.041	0.107	0.567	0.968	0.530	0.914	0.024	0.062
RES	RES1890	0.3	1	1	2	5	0.013	0.032	0.014	0.040	0.009	0.026	0.014	0.040
RES	RES1891	0.3	1	1	2	5	0.023	0.058	0.011	0.032	0.009	0.026	0.011	0.032
RES	RES1892	0.3	1	1	2	5	0.064	0.174	0.130	0.270	0.085	0.188	0.053	0.124
RES	RES1893	0.3	1	1	2	5	0.041	0.108	-*	-*	1.730	2.547	0.024	0.062
RES	RES1894	0.3	1	1	2	5	0.014	0.033	0.021	0.055	0.010	0.030	0.021	0.055
RES	RES1895	0.3	1	1	2	5	0.012	0.029	0.017	0.046	0.010	0.029	0.017	0.046
RES	RES1896	0.3	1	1	2	5	0.013	0.030	0.021	0.055	0.011	0.032	0.021	0.055
RES	RES1897	0.3	1	1	2	5	0.049	0.132	0.041	0.100	0.034	0.085	0.036	0.090
RES	RES1898	0.3	1	1	2	5	0.013	0.032	0.027	0.070	0.012	0.035	0.027	0.070
RES	RES1899	0.3	1	1	2	5	0.020	0.048	0.270	0.510	0.036	0.089	0.146	0.299
RES	RES1900	0.3	1	1	2	5	0.030	0.077	0.015	0.041	0.012	0.034	0.015	0.041
RES	RES1901	0.3	1	1	2	5	0.030	0.077	0.015	0.041	0.012	0.034	0.015	0.041
RES	RES1902	0.3	1	1	2	5	0.014	0.033	0.100	0.215	0.022	0.059	0.100	0.215
RES	RES1903	0.3	1	1	2	5	0.011	0.026	0.030	0.077	0.017	0.046	0.030	0.077
RES	RES1904	0.3	1	1	2	5	0.009	0.020	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES1905	0.3	1	1	2	5	0.009	0.022	0.015	0.042	0.012	0.033	0.015	0.042
RES	RES1906	0.3	1	1	2	5	0.014	0.033	0.227	0.439	0.027	0.070	0.227	0.439
RES	RES1907	0.3	1	1	2	5	0.028	0.072	0.014	0.039	0.012	0.034	0.014	0.039
RES	RES1908	0.3	1	1	2	5	0.028	0.071	0.016	0.044	0.015	0.041	0.014	0.038
RES	RES1909	0.3	1	1	2	5	0.018	0.044	0.193	0.381	0.025	0.065	0.193	0.381
RES	RES1910	0.3	1	1	2	5	0.014	0.033	1.231	1.896	0.032	0.079	1.231	1.896
RES	RES1911	0.3	1	1	2	5	0.018	0.043	0.258	0.489	0.021	0.056	0.258	0.489
RES	RES1912	0.3	1	1	2	5	0.013	0.031	2.833	3.906	0.052	0.123	2.833	3.906

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1913	0.3	1	1	2	5	0.018	0.044	0.086	0.188	0.019	0.051	0.086	0.188
RES	RES1914	0.3	1	1	2	5	0.021	0.051	0.015	0.041	0.013	0.037	0.014	0.040
RES	RES1915	0.3	1	1	2	5	0.015	0.038	0.350	0.637	0.033	0.082	0.350	0.637
RES	RES1916	0.3	1	1	2	5	0.016	0.040	0.091	0.198	0.023	0.060	0.091	0.198
RES	RES1917	0.3	1	1	2	5	0.011	0.027	0.223	0.431	0.221	0.428	0.129	0.268
RES	RES1918	0.3	1	1	2	5	0.012	0.029	0.925	1.481	0.476	0.832	0.925	1.481
RES	RES1919	0.3	1	1	2	5	0.012	0.027	1.920	2.788	1.235	1.901	0.300	0.558
RES	RES1920	0.3	1	1	2	5	0.014	0.035	0.076	0.170	0.032	0.081	0.076	0.170
RES	RES1921	0.3	1	1	2	5	0.010	0.024	0.098	0.212	0.098	0.212	0.051	0.121
RES	RES1922	0.3	1	1	2	5	0.011	0.025	0.240	0.460	0.240	0.460	0.073	0.164
RES	RES1923	0.3	1	1	2	5	0.013	0.030	4.333	5.644	0.199	0.391	4.333	5.644
RES	RES1924	0.3	1	1	2	5	0.011	0.025	0.227	0.438	0.227	0.438	0.066	0.151
RES	RES1925	0.3	1	1	2	5	0.008	0.018	0.011	0.031	0.011	0.031	0.010	0.029
RES	RES1926	0.3	1	1	2	5	0.009	0.020	0.020	0.053	0.020	0.053	0.017	0.047
RES	RES1927	0.3	1	1	2	5	0.008	0.018	0.014	0.039	0.014	0.039	0.013	0.037
RES	RES1928	0.3	1	1	2	5	0.008	0.020	0.020	0.054	0.020	0.054	0.018	0.049
RES	RES1929	0.3	1	1	2	5	0.008	0.018	0.013	0.036	0.013	0.036	0.012	0.034
RES	RES1930	0.3	1	1	2	5	0.012	0.029	0.095	0.206	0.049	0.116	0.095	0.206
RES	RES1931	0.3	1	1	2	5	0.009	0.020	0.024	0.062	0.024	0.062	0.022	0.058
RES	RES1932	0.3	1	1	2	5	0.014	0.035	0.013	0.036	0.009	0.027	0.013	0.036
RES	RES1933	0.3	1	1	2	5	0.008	0.019	0.019	0.050	0.019	0.050	0.018	0.048
RES	RES1934	0.3	1	1	2	5	0.008	0.018	0.015	0.040	0.014	0.040	0.014	0.039
RES	RES1935	0.3	1	1	2	5	0.008	0.019	0.020	0.054	0.020	0.053	0.019	0.052
RES	RES1936	0.3	1	1	2	5	0.008	0.019	0.024	0.062	0.022	0.059	0.023	0.059

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1937	0.3	1	1	2	5	0.008	0.019	0.022	0.057	0.020	0.054	0.020	0.054
RES	RES1938	0.3	1	1	2	5	0.007	0.017	0.013	0.037	0.012	0.033	0.012	0.034
RES	RES1939	0.3	1	1	2	5	0.007	0.017	0.014	0.040	0.012	0.034	0.012	0.035
RES	RES1940	0.3	1	1	2	5	0.008	0.019	0.032	0.081	0.021	0.055	0.025	0.065
RES	RES1941	0.3	1	1	2	5	0.012	0.029	0.011	0.033	0.010	0.028	0.011	0.033
RES	RES1942	0.3	1	1	2	5	0.008	0.019	0.082	0.182	0.024	0.063	0.040	0.098
RES	RES1943	0.3	1	1	2	5	0.008	0.017	0.034	0.084	0.015	0.042	0.020	0.053
RES	RES1944	0.3	1	1	2	5	0.007	0.017	0.025	0.064	0.012	0.035	0.015	0.042
RES	RES1945	0.3	1	1	2	5	0.009	0.021	0.395	0.708	0.028	0.071	0.086	0.189
RES	RES1946	0.3	1	1	2	5	0.009	0.021	0.122	0.256	0.024	0.062	0.057	0.133
RES	RES1947	0.3	1	1	2	5	0.009	0.021	0.115	0.244	0.021	0.056	0.048	0.113
RES	RES1948	0.3	1	1	2	5	0.010	0.023	0.017	0.046	0.013	0.037	0.016	0.045
RES	RES1949	0.3	1	1	2	5	0.010	0.023	0.016	0.044	0.012	0.035	0.015	0.043
RES	RES1950	0.3	1	1	2	5	0.009	0.020	0.536	0.922	0.020	0.053	0.045	0.108
RES	RES1951	0.3	1	1	2	5	0.010	0.024	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES1952	0.3	1	1	2	5	0.009	0.022	0.027	0.068	0.015	0.041	0.022	0.059
RES	RES1953	0.3	1	1	2	5	0.010	0.022	0.016	0.044	0.012	0.033	0.015	0.041
RES	RES1954	0.3	1	1	2	5	0.009	0.021	0.022	0.058	0.013	0.036	0.018	0.049
RES	RES1955	0.3	1	1	2	5	0.010	0.022	0.011	0.031	0.009	0.026	0.010	0.030
RES	RES1956	0.3	1	1	2	5	0.008	0.019	0.029	0.073	0.012	0.033	0.018	0.049
RES	RES1957	0.3	1	1	2	5	0.008	0.018	0.069	0.155	0.012	0.033	0.019	0.052
RES	RES1958	0.3	1	1	2	5	0.008	0.018	0.032	0.080	0.010	0.030	0.016	0.044
RES	RES1959	0.3	1	1	2	5	0.009	0.021	0.020	0.054	0.011	0.031	0.007	0.021
RES	RES1960	0.3	1	1	2	5	0.009	0.021	0.022	0.058	0.011	0.031	0.010	0.029

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1961	0.3	1	1	2	5	0.010	0.023	0.014	0.040	0.011	0.031	0.005	0.016
RES	RES1962	0.3	1	1	2	5	0.010	0.023	0.014	0.039	0.011	0.031	0.005	0.015
RES	RES1963	0.3	1	1	2	5	0.010	0.023	0.010	0.029	0.008	0.025	0.004	0.014
RES	RES1964	0.3	1	1	2	5	0.010	0.023	0.014	0.039	0.011	0.032	0.005	0.015
RES	RES1965	0.3	1	1	2	5	0.010	0.024	0.022	0.058	0.016	0.045	0.007	0.021
RES	RES1966	0.3	1	1	2	5	0.011	0.026	0.022	0.059	0.017	0.047	0.005	0.015
RES	RES1967	0.3	1	1	2	5	0.010	0.025	0.015	0.041	0.013	0.038	0.006	0.018
RES	RES1968	0.3	1	1	2	5	0.012	0.028	0.024	0.063	0.020	0.053	0.004	0.014
RES	RES1969	0.3	1	1	2	5	0.012	0.029	0.156	0.317	0.064	0.146	0.005	0.017
RES	RES1970	0.3	1	1	2	5	0.011	0.027	0.012	0.035	0.011	0.032	0.004	0.012
RES	RES1971	0.3	1	1	2	5	0.012	0.028	0.024	0.061	0.020	0.052	0.004	0.014
RES	RES1972	0.3	1	1	2	5	0.012	0.028	0.014	0.040	0.013	0.036	0.004	0.012
RES	RES1973	0.3	1	1	2	5	0.012	0.029	0.018	0.048	0.018	0.048	0.004	0.015
RES	RES1974	0.3	1	1	2	5	0.012	0.029	0.015	0.042	0.015	0.042	0.004	0.014
RES	RES1975	0.3	1	1	2	5	0.016	0.040	0.141	0.289	0.057	0.132	0.005	0.016
RES	RES1976	0.3	1	1	2	5	0.017	0.041	0.056	0.129	0.052	0.122	0.005	0.016
RES	RES1977	0.3	1	1	2	5	0.014	0.034	0.011	0.033	0.011	0.033	0.004	0.014
RES	RES1978	0.3	1	1	2	5	0.020	0.050	0.044	0.106	0.027	0.068	0.006	0.019
RES	RES1979	0.3	1	1	2	5	0.020	0.049	0.017	0.047	0.014	0.039	0.006	0.020
RES	RES1980	0.3	1	1	2	5	0.022	0.056	0.018	0.048	0.012	0.035	0.007	0.022
RES	RES1981	0.3	1	1	2	5	0.026	0.066	0.014	0.040	0.009	0.027	0.009	0.027
RES	RES1982	0.3	1	1	2	5	0.039	0.103	0.016	0.045	0.016	0.043	0.016	0.045
RES	RES1983	0.3	1	1	2	5	0.105	0.300	0.169	0.339	0.053	0.123	0.047	0.111
RES	RES1984	0.3	1	1	2	5	0.072	0.198	0.038	0.094	0.035	0.087	0.038	0.094

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES1985	0.3	1	1	2	5	0.027	0.069	0.010	0.030	0.010	0.028	0.010	0.030
RES	RES1986	0.3	1	1	2	5	0.030	0.077	0.012	0.034	0.011	0.032	0.012	0.034
RES	RES1987	0.3	1	1	2	5	0.075	0.207	0.045	0.108	0.037	0.091	0.045	0.108
RES	RES1988	0.3	1	1	2	5	0.034	0.088	0.014	0.039	0.013	0.036	0.014	0.039
RES	RES1989	0.3	1	1	2	5	0.030	0.076	0.012	0.034	0.011	0.031	0.012	0.034
RES	RES1990	0.3	1	1	2	5	0.173	0.513	0.191	0.378	0.108	0.229	0.191	0.378
RES	RES1991	0.3	1	1	2	5	0.244	0.744	0.361	0.654	0.153	0.311	0.292	0.545
RES	RES1992	0.3	1	1	2	5	0.047	0.125	0.022	0.059	0.019	0.051	0.022	0.059
RES	RES1993	0.3	1	1	2	5	0.035	0.090	0.014	0.040	0.013	0.037	0.014	0.040
RES	RES1994	0.3	1	1	2	5	0.047	0.125	0.031	0.078	0.018	0.050	0.018	0.048
RES	RES1995	0.3	1	1	2	5	0.423	1.340	-*	-*	2.660	3.697	0.049	0.116
RES	RES1996	0.3	1	1	2	5	0.027	0.069	0.015	0.041	0.009	0.028	0.011	0.031
RES	RES1997	0.3	1	1	2	5	0.130	0.375	0.127	0.265	0.050	0.118	0.025	0.065
RES	RES1998	0.3	1	1	2	5	0.040	0.105	0.027	0.070	0.016	0.043	0.017	0.047
RES	RES1999	0.3	1	1	2	5	0.023	0.057	0.010	0.030	0.007	0.022	0.010	0.030
RES	RES2000	0.3	1	1	2	5	0.180	0.537	0.198	0.389	0.082	0.181	0.198	0.389
RES	RES2001	0.3	1	1	2	5	0.144	0.420	1.970	2.851	0.060	0.139	0.078	0.174
RES	RES2002	0.3	1	1	2	5	0.026	0.066	0.012	0.035	0.008	0.025	0.012	0.035
RES	RES2003	0.3	1	1	2	5	0.027	0.069	0.013	0.036	0.009	0.026	0.013	0.036
RES	RES2004	0.3	1	1	2	5	0.030	0.076	0.019	0.051	0.010	0.029	0.019	0.051
RES	RES2005	0.3	1	1	2	5	0.031	0.079	0.019	0.051	0.010	0.030	0.019	0.051
RES	RES2006	0.3	1	1	2	5	0.032	0.084	0.020	0.053	0.011	0.032	0.020	0.053
RES	RES2007	0.3	1	1	2	5	0.033	0.085	0.022	0.057	0.011	0.032	0.022	0.057
RES	RES2008	0.3	1	1	2	5	0.033	0.086	0.025	0.065	0.011	0.033	0.025	0.065

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2009	0.3	1	1	2	5	0.033	0.086	0.020	0.053	0.011	0.032	0.020	0.053
RES	RES2010	0.3	1	1	2	5	0.034	0.088	0.022	0.058	0.012	0.033	0.022	0.058
RES	RES2011	0.3	1	1	2	5	0.041	0.107	0.535	0.921	0.014	0.039	0.535	0.921
RES	RES2012	0.3	1	1	2	5	0.035	0.092	0.023	0.060	0.012	0.035	0.023	0.060
RES	RES2013	0.3	1	1	2	5	0.033	0.085	0.015	0.042	0.011	0.032	0.015	0.041
RES	RES2014	0.3	1	1	2	5	0.035	0.091	0.021	0.055	0.012	0.034	0.021	0.055
RES	RES2015	0.3	1	1	2	5	0.049	0.130	0.234	0.450	0.017	0.047	0.234	0.450
RES	RES2016	0.3	1	1	2	5	0.037	0.095	0.021	0.055	0.013	0.036	0.021	0.055
RES	RES2017	0.3	1	1	2	5	0.037	0.097	0.023	0.059	0.013	0.036	0.023	0.059
RES	RES2018	0.3	1	1	2	5	0.057	0.154	0.030	0.076	0.021	0.056	0.030	0.076
RES	RES2019	0.3	1	1	2	5	0.070	0.192	0.041	0.098	0.026	0.067	0.038	0.094
RES	RES2020	0.3	1	1	2	5	0.039	0.104	0.023	0.061	0.014	0.039	0.023	0.061
RES	RES2021	0.3	1	1	2	5	0.039	0.102	0.021	0.056	0.013	0.038	0.020	0.053
RES	RES2022	0.3	1	1	2	5	0.040	0.106	0.022	0.059	0.014	0.039	0.021	0.056
RES	RES2023	0.3	1	1	2	5	0.040	0.104	0.020	0.053	0.014	0.039	0.018	0.049
RES	RES2024	0.3	1	1	2	5	0.043	0.114	0.023	0.061	0.015	0.042	0.021	0.055
RES	RES2025	0.3	1	1	2	5	0.024	0.061	0.010	0.030	0.007	0.023	0.009	0.026
RES	RES2026	0.3	1	1	2	5	0.028	0.073	0.273	0.514	0.010	0.029	0.044	0.106
RES	RES2027	0.3	1	1	2	5	0.047	0.126	0.026	0.068	0.017	0.047	0.022	0.059
RES	RES2028	0.3	1	1	2	5	0.048	0.127	0.024	0.063	0.017	0.047	0.021	0.056
RES	RES2029	0.3	1	1	2	5	0.046	0.123	0.022	0.059	0.016	0.045	0.020	0.054
RES	RES2030	0.3	1	1	2	5	0.051	0.137	0.030	0.076	0.019	0.051	0.024	0.063
RES	RES2031	0.3	1	1	2	5	0.040	0.104	0.017	0.047	0.014	0.038	0.017	0.047
RES	RES2032	0.3	1	1	2	5	0.038	0.099	0.016	0.044	0.013	0.036	0.016	0.044

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2033	0.3	1	1	2	5	0.044	0.117	0.020	0.053	0.015	0.043	0.020	0.052
RES	RES2034	0.3	1	1	2	5	0.049	0.132	0.025	0.065	0.018	0.048	0.022	0.058
RES	RES2035	0.3	1	1	2	5	0.037	0.098	0.016	0.045	0.013	0.036	0.016	0.044
RES	RES2036	0.3	1	1	2	5	0.046	0.123	0.021	0.057	0.016	0.045	0.021	0.055
RES	RES2037	0.3	1	1	2	5	0.055	0.148	0.033	0.082	0.020	0.054	0.025	0.065
RES	RES2038	0.3	1	1	2	5	0.043	0.113	0.019	0.051	0.015	0.041	0.019	0.051
RES	RES2039	0.3	1	1	2	5	0.040	0.105	0.017	0.047	0.014	0.038	0.017	0.047
RES	RES2040	0.3	1	1	2	5	0.054	0.145	0.030	0.075	0.020	0.053	0.025	0.064
RES	RES2041	0.3	1	1	2	5	0.044	0.118	0.020	0.053	0.016	0.043	0.020	0.053
RES	RES2042	0.3	1	1	2	5	0.037	0.098	0.017	0.046	0.013	0.036	0.016	0.044
RES	RES2043	0.3	1	1	2	5	0.049	0.131	0.024	0.062	0.018	0.048	0.022	0.059
RES	RES2044	0.3	1	1	2	5	0.040	0.106	0.018	0.049	0.014	0.039	0.018	0.048
RES	RES2045	0.3	1	1	2	5	0.049	0.132	0.023	0.061	0.018	0.048	0.023	0.060
RES	RES2046	0.3	1	1	2	5	0.061	0.167	0.039	0.095	0.023	0.061	0.029	0.073
RES	RES2047	0.3	1	1	2	5	0.056	0.152	0.030	0.076	0.021	0.055	0.027	0.068
RES	RES2048	0.3	1	1	2	5	0.039	0.102	0.018	0.050	0.013	0.037	0.017	0.046
RES	RES2049	0.3	1	1	2	5	0.054	0.145	0.027	0.068	0.020	0.052	0.026	0.066
RES	RES2050	0.3	1	1	2	5	0.041	0.108	0.019	0.052	0.014	0.039	0.018	0.050
RES	RES2051	0.3	1	1	2	5	0.015	0.036	0.012	0.034	0.012	0.034	0.008	0.024
RES	RES2052	0.3	1	1	2	5	0.039	0.101	0.017	0.046	0.013	0.037	0.017	0.046
RES	RES2053	0.3	1	1	2	5	0.043	0.113	0.020	0.054	0.015	0.041	0.019	0.052
RES	RES2054	0.3	1	1	2	5	0.040	0.106	0.020	0.052	0.014	0.038	0.018	0.048
RES	RES2055	0.3	1	1	2	5	0.064	0.175	0.037	0.091	0.024	0.063	0.032	0.080
RES	RES2056	0.3	1	1	2	5	0.041	0.109	0.021	0.055	0.014	0.040	0.019	0.050

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2057	0.3	1	1	2	5	0.068	0.187	0.043	0.104	0.026	0.068	0.034	0.084
RES	RES2058	0.3	1	1	2	5	0.043	0.114	0.021	0.057	0.015	0.041	0.020	0.053
RES	RES2059	0.3	1	1	2	5	0.068	0.186	0.039	0.095	0.026	0.067	0.035	0.086
RES	RES2060	0.3	1	1	2	5	0.056	0.152	0.028	0.072	0.020	0.054	0.028	0.072
RES	RES2061	0.3	1	1	2	5	0.059	0.162	0.030	0.076	0.022	0.058	0.030	0.076
RES	RES2062	0.3	1	1	2	5	0.018	0.043	0.012	0.034	0.012	0.034	0.009	0.028
RES	RES2063	0.3	1	1	2	5	0.074	0.206	0.397	0.712	0.032	0.081	0.154	0.314
RES	RES2064	0.3	1	1	2	5	0.056	0.153	0.029	0.073	0.020	0.054	0.029	0.073
RES	RES2065	0.3	1	1	2	5	0.075	0.209	0.048	0.114	0.030	0.075	0.040	0.097
RES	RES2066	0.3	1	1	2	5	0.061	0.165	0.032	0.079	0.022	0.059	0.032	0.079
RES	RES2067	0.3	1	1	2	5	0.044	0.117	0.025	0.064	0.015	0.042	0.021	0.055
RES	RES2068	0.3	1	1	2	5	0.075	0.208	0.043	0.104	0.029	0.074	0.041	0.100
RES	RES2069	0.3	1	1	2	5	0.046	0.121	0.025	0.065	0.016	0.044	0.022	0.057
RES	RES2070	0.3	1	1	2	5	0.057	0.156	0.030	0.075	0.021	0.055	0.030	0.075
RES	RES2071	0.3	1	1	2	5	0.063	0.171	0.034	0.084	0.023	0.061	0.034	0.084
RES	RES2072	0.3	1	1	2	5	0.091	0.255	0.320	0.591	0.041	0.099	0.083	0.183
RES	RES2073	0.3	1	1	2	5	0.043	0.114	0.025	0.064	0.015	0.041	0.020	0.053
RES	RES2074	0.3	1	1	2	5	0.051	0.136	0.028	0.071	0.018	0.049	0.025	0.065
RES	RES2075	0.3	1	1	2	5	0.075	0.207	0.042	0.102	0.029	0.073	0.042	0.102
RES	RES2076	0.3	1	1	2	5	0.057	0.154	0.030	0.076	0.021	0.055	0.030	0.075
RES	RES2077	0.3	1	1	2	5	0.046	0.122	0.027	0.069	0.016	0.044	0.022	0.058
RES	RES2078	0.3	1	1	2	5	0.048	0.128	0.029	0.073	0.017	0.046	0.023	0.061
RES	RES2079	0.3	1	1	2	5	0.064	0.175	0.035	0.087	0.024	0.062	0.035	0.087
RES	RES2080	0.3	1	1	2	5	0.091	0.255	0.058	0.135	0.036	0.090	0.053	0.125

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2081	0.3	1	1	2	5	0.051	0.137	0.030	0.076	0.018	0.049	0.026	0.066
RES	RES2082	0.3	1	1	2	5	0.044	0.116	0.027	0.070	0.015	0.042	0.021	0.055
RES	RES2083	0.3	1	1	2	5	0.054	0.146	0.032	0.080	0.019	0.052	0.028	0.071
RES	RES2084	0.3	1	1	2	5	0.062	0.171	0.034	0.085	0.023	0.060	0.034	0.085
RES	RES2085	0.3	1	1	2	5	0.040	0.106	0.025	0.066	0.014	0.040	0.018	0.049
RES	RES2086	0.3	1	1	2	5	0.060	0.163	0.035	0.086	0.022	0.058	0.032	0.081
RES	RES2087	0.3	1	1	2	5	0.078	0.217	0.047	0.111	0.030	0.076	0.047	0.111
RES	RES2088	0.3	1	1	2	5	0.057	0.155	0.034	0.085	0.021	0.055	0.030	0.076
RES	RES2089	0.3	1	1	2	5	0.067	0.185	0.038	0.093	0.025	0.065	0.038	0.093
RES	RES2090	0.3	1	1	2	5	0.096	0.272	0.061	0.140	0.038	0.094	0.061	0.140
RES	RES2091	0.3	1	1	2	5	0.075	0.209	0.045	0.108	0.029	0.073	0.045	0.108
RES	RES2092	0.3	1	1	2	5	0.050	0.133	0.034	0.085	0.018	0.048	0.025	0.064
RES	RES2093	0.3	1	1	2	5	0.100	0.283	0.068	0.153	0.040	0.096	0.068	0.153
RES	RES2094	0.3	1	1	2	5	0.054	0.147	0.039	0.096	0.020	0.053	0.028	0.072
RES	RES2095	0.3	1	1	2	5	0.042	0.110	0.029	0.073	0.016	0.044	0.019	0.051
RES	RES2096	0.3	1	1	2	5	0.047	0.125	0.034	0.084	0.017	0.046	0.023	0.059
RES	RES2097	0.3	1	1	2	5	0.092	0.259	0.063	0.144	0.036	0.088	0.063	0.144
RES	RES2098	0.3	1	1	2	5	0.104	0.297	0.076	0.170	0.041	0.100	0.076	0.170
RES	RES2099	0.3	1	1	2	5	0.061	0.168	0.049	0.115	0.023	0.059	0.034	0.085
RES	RES2100	0.3	1	1	2	5	0.020	0.051	0.017	0.047	0.017	0.047	0.014	0.039
RES	RES2101	0.3	1	1	2	5	0.069	0.190	0.055	0.128	0.026	0.067	0.041	0.099
RES	RES2102	0.3	1	1	2	5	0.076	0.211	0.058	0.134	0.029	0.074	0.048	0.113
RES	RES2103	0.3	1	1	2	5	0.046	0.122	0.037	0.090	0.019	0.050	0.022	0.057
RES	RES2104	0.3	1	1	2	5	0.107	0.306	0.083	0.184	0.042	0.103	0.083	0.184

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2105	0.3	1	1	2	5	0.025	0.064	0.016	0.044	0.016	0.044	0.016	0.044
RES	RES2106	0.3	1	1	2	5	0.022	0.056	0.019	0.051	0.019	0.051	0.016	0.045
RES	RES2107	0.3	1	1	2	5	0.043	0.114	0.036	0.088	0.018	0.049	0.036	0.088
RES	RES2108	0.3	1	1	2	5	0.051	0.136	0.045	0.107	0.022	0.059	0.045	0.107
RES	RES2109	0.3	1	1	2	5	0.023	0.059	0.019	0.051	0.019	0.051	0.017	0.047
RES	RES2110	0.3	1	1	2	5	0.052	0.141	0.045	0.108	0.024	0.062	0.045	0.108
RES	RES2111	0.3	1	1	2	5	0.029	0.073	0.018	0.048	0.011	0.031	0.017	0.046
RES	RES2112	0.3	1	1	2	5	0.321	0.998	1.387	2.103	0.136	0.281	1.387	2.103
RES	RES2113	0.3	1	1	2	5	0.042	0.111	0.030	0.075	0.020	0.053	0.018	0.048
RES	RES2114	0.3	1	1	2	5	0.023	0.057	0.025	0.064	0.025	0.064	0.020	0.052
RES	RES2115	0.3	1	1	2	5	0.062	0.169	0.042	0.102	0.030	0.077	0.037	0.091
RES	RES2116	0.3	1	1	2	5	0.026	0.065	0.024	0.063	0.024	0.063	0.022	0.059
RES	RES2117	0.3	1	1	2	5	0.027	0.070	0.023	0.060	0.023	0.060	0.023	0.060
RES	RES2118	0.3	1	1	2	5	0.079	0.221	0.047	0.113	0.044	0.105	0.046	0.110
RES	RES2119	0.3	1	1	2	5	0.123	0.357	0.102	0.220	0.088	0.192	0.102	0.220
RES	RES2120	0.3	1	1	2	5	0.046	0.123	0.022	0.057	0.021	0.055	0.022	0.057
RES	RES2121	0.3	1	1	2	5	0.034	0.087	0.042	0.101	0.042	0.101	0.042	0.101
RES	RES2122	0.3	1	1	2	5	0.089	0.251	0.061	0.140	0.053	0.123	0.061	0.140
RES	RES2123	0.3	1	1	2	5	0.073	0.201	0.041	0.098	0.033	0.083	0.032	0.079
RES	RES2124	0.3	1	1	2	5	0.055	0.149	0.029	0.073	0.026	0.067	0.029	0.073
RES	RES2125	0.3	1	1	2	5	0.086	0.241	0.048	0.114	0.045	0.107	0.041	0.100
RES	RES2126	0.3	1	1	2	5	0.054	0.146	0.028	0.071	0.025	0.066	0.028	0.071
RES	RES2127	0.3	1	1	2	5	0.139	0.404	1.544	2.308	0.246	0.470	0.100	0.216
RES	RES2128	0.3	1	1	2	5	0.035	0.092	0.015	0.041	0.014	0.040	0.015	0.041

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2129	0.3	1	1	2	5	0.011	0.025	0.012	0.035	0.012	0.035	0.006	0.018
RES	RES2130	0.3	1	1	2	5	0.011	0.025	0.012	0.033	0.012	0.033	0.005	0.017
RES	RES2131	0.3	1	1	2	5	0.014	0.034	0.040	0.097	0.040	0.097	0.010	0.030
RES	RES2132	0.3	1	1	2	5	0.022	0.055	3.704	4.927	3.704	4.927	0.038	0.094
RES	RES2133	0.3	1	1	2	5	0.029	0.073	0.543	0.933	0.212	0.413	0.169	0.339
RES	RES2134	0.3	1	1	2	5	0.034	0.088	0.014	0.039	0.013	0.037	0.014	0.039
RES	RES2135	0.3	1	1	2	5	0.060	0.164	0.037	0.091	0.027	0.069	0.029	0.074
RES	RES2136	0.3	1	1	2	5	0.026	0.067	0.010	0.029	0.010	0.028	0.010	0.029
RES	RES2137	0.3	1	1	2	5	0.034	0.088	3.998	5.264	1.458	2.195	3.998	5.264
RES	RES2138	0.3	1	1	2	5	0.036	0.095	-*	-*	-*	-*	-*	-*
RES	RES2139	0.3	1	1	2	5	0.013	0.032	0.024	0.062	0.024	0.062	0.009	0.027
RES	RES2140	0.3	1	1	2	5	0.012	0.029	0.017	0.046	0.017	0.045	0.007	0.022
RES	RES2141	0.3	1	1	2	5	0.012	0.029	0.016	0.045	0.016	0.045	0.008	0.023
RES	RES2142	0.3	1	1	2	5	0.012	0.030	0.017	0.046	0.017	0.046	0.008	0.024
RES	RES2143	0.3	1	1	2	5	0.015	0.036	0.031	0.078	0.031	0.077	0.012	0.034
RES	RES2144	0.3	1	1	2	5	0.013	0.030	0.018	0.048	0.018	0.048	0.008	0.024
RES	RES2145	0.3	1	1	2	5	0.012	0.029	0.016	0.043	0.016	0.043	0.007	0.022
RES	RES2146	0.3	1	1	2	5	0.012	0.028	0.015	0.042	0.015	0.041	0.007	0.022
RES	RES2147	0.3	1	1	2	5	0.012	0.028	0.014	0.040	0.014	0.040	0.007	0.021
RES	RES2148	0.3	1	1	2	5	0.012	0.028	0.014	0.038	0.014	0.038	0.007	0.021
RES	RES2149	0.3	1	1	2	5	0.011	0.027	0.013	0.036	0.013	0.036	0.006	0.020
RES	RES2150	0.3	1	1	2	5	0.015	0.036	0.029	0.073	0.028	0.072	0.012	0.034
RES	RES2151	0.3	1	1	2	5	0.012	0.028	0.015	0.041	0.014	0.040	0.007	0.022
RES	RES2152	0.3	1	1	2	5	0.012	0.029	0.015	0.041	0.015	0.041	0.007	0.022

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2153	0.3	1	1	2	5	0.011	0.027	0.012	0.035	0.012	0.035	0.006	0.020
RES	RES2154	0.3	1	1	2	5	0.012	0.029	0.016	0.043	0.016	0.043	0.008	0.023
RES	RES2155	0.3	1	1	2	5	0.012	0.029	0.015	0.042	0.015	0.042	0.007	0.023
RES	RES2156	0.3	1	1	2	5	0.011	0.026	0.011	0.033	0.011	0.033	0.006	0.019
RES	RES2157	0.3	1	1	2	5	0.015	0.038	0.029	0.073	0.029	0.073	0.013	0.036
RES	RES2158	0.3	1	1	2	5	0.012	0.028	0.014	0.039	0.014	0.038	0.007	0.021
RES	RES2159	0.3	1	1	2	5	0.011	0.026	0.011	0.032	0.011	0.032	0.006	0.019
RES	RES2160	0.3	1	1	2	5	0.013	0.032	0.019	0.051	0.019	0.051	0.009	0.027
RES	RES2161	0.3	1	1	2	5	0.012	0.027	0.013	0.037	0.013	0.036	0.007	0.021
RES	RES2162	0.3	1	1	2	5	0.012	0.028	0.013	0.037	0.013	0.037	0.007	0.021
RES	RES2163	0.3	1	1	2	5	0.011	0.025	0.010	0.030	0.010	0.029	0.006	0.018
RES	RES2164	0.3	1	1	2	5	0.011	0.027	0.012	0.035	0.012	0.035	0.006	0.020
RES	RES2165	0.3	1	1	2	5	0.012	0.028	0.014	0.039	0.014	0.039	0.007	0.022
RES	RES2166	0.3	1	1	2	5	0.012	0.030	0.015	0.043	0.015	0.042	0.008	0.023
RES	RES2167	0.3	1	1	2	5	0.011	0.025	0.010	0.030	0.010	0.030	0.006	0.018
RES	RES2168	0.3	1	1	2	5	0.011	0.026	0.011	0.031	0.011	0.031	0.006	0.018
RES	RES2169	0.3	1	1	2	5	0.012	0.029	0.014	0.040	0.014	0.039	0.007	0.022
RES	RES2170	0.3	1	1	2	5	0.011	0.027	0.012	0.034	0.012	0.034	0.006	0.020
RES	RES2171	0.3	1	1	2	5	0.060	0.163	0.028	0.072	0.024	0.063	0.027	0.068
RES	RES2172	0.3	1	1	2	5	0.011	0.025	0.010	0.029	0.010	0.029	0.006	0.018
RES	RES2173	0.3	1	1	2	5	0.011	0.026	0.011	0.031	0.011	0.031	0.006	0.019
RES	RES2174	0.3	1	1	2	5	0.012	0.029	0.014	0.040	0.014	0.040	0.007	0.023
RES	RES2175	0.3	1	1	2	5	0.011	0.027	0.012	0.033	0.012	0.033	0.006	0.020
RES	RES2176	0.3	1	1	2	5	0.011	0.027	0.012	0.035	0.012	0.034	0.007	0.020

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2177	0.3	1	1	2	5	0.012	0.027	0.012	0.035	0.012	0.035	0.007	0.021
RES	RES2178	0.3	1	1	2	5	0.011	0.025	0.010	0.030	0.010	0.030	0.006	0.018
RES	RES2179	0.3	1	1	2	5	0.011	0.025	0.010	0.029	0.010	0.029	0.006	0.018
RES	RES2180	0.3	1	1	2	5	0.012	0.029	0.014	0.040	0.014	0.040	0.008	0.023
RES	RES2181	0.3	1	1	2	5	0.011	0.027	0.011	0.033	0.011	0.032	0.006	0.019
RES	RES2182	0.3	1	1	2	5	0.012	0.028	0.013	0.036	0.013	0.036	0.007	0.021
RES	RES2183	0.3	1	1	2	5	0.041	0.107	0.017	0.047	0.016	0.043	0.016	0.044
RES	RES2184	0.3	1	1	2	5	0.012	0.028	0.013	0.036	0.013	0.036	0.007	0.021
RES	RES2185	0.3	1	1	2	5	0.011	0.026	0.010	0.030	0.010	0.030	0.006	0.018
RES	RES2186	0.3	1	1	2	5	0.011	0.026	0.011	0.032	0.011	0.032	0.006	0.019
RES	RES2187	0.3	1	1	2	5	0.011	0.027	0.012	0.033	0.012	0.033	0.006	0.020
RES	RES2188	0.3	1	1	2	5	0.012	0.029	0.013	0.037	0.013	0.037	0.007	0.022
RES	RES2189	0.3	1	1	2	5	0.011	0.025	0.010	0.029	0.010	0.029	0.006	0.018
RES	RES2190	0.3	1	1	2	5	0.016	0.039	0.023	0.061	0.023	0.061	0.013	0.037
RES	RES2191	0.3	1	1	2	5	0.011	0.027	0.012	0.034	0.012	0.034	0.007	0.020
RES	RES2192	0.3	1	1	2	5	0.102	0.291	0.069	0.156	0.031	0.078	0.046	0.111
RES	RES2193	0.3	1	1	2	5	0.011	0.026	0.011	0.031	0.011	0.031	0.006	0.019
RES	RES2194	0.3	1	1	2	5	0.012	0.028	0.012	0.034	0.012	0.034	0.007	0.021
RES	RES2195	0.3	1	1	2	5	0.012	0.029	0.014	0.038	0.013	0.038	0.007	0.023
RES	RES2196	0.3	1	1	2	5	0.011	0.025	0.010	0.029	0.010	0.029	0.006	0.018
RES	RES2197	0.3	1	1	2	5	0.012	0.028	0.012	0.035	0.012	0.034	0.007	0.021
RES	RES2198	0.3	1	1	2	5	0.011	0.026	0.011	0.031	0.011	0.031	0.006	0.019
RES	RES2199	0.3	1	1	2	5	0.012	0.028	0.012	0.035	0.012	0.035	0.007	0.021
RES	RES2200	0.3	1	1	2	5	0.011	0.027	0.011	0.032	0.011	0.032	0.006	0.020

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2201	0.3	1	1	2	5	0.033	0.085	0.013	0.037	0.012	0.034	0.012	0.034
RES	RES2202	0.3	1	1	2	5	0.016	0.040	0.022	0.059	0.022	0.058	0.014	0.039
RES	RES2203	0.3	1	1	2	5	0.012	0.028	0.013	0.036	0.012	0.035	0.007	0.022
RES	RES2204	0.3	1	1	2	5	0.012	0.029	0.013	0.036	0.013	0.036	0.007	0.022
RES	RES2205	0.3	1	1	2	5	0.027	0.068	0.048	0.115	0.038	0.093	0.048	0.115
RES	RES2206	0.3	1	1	2	5	0.011	0.026	0.010	0.030	0.010	0.030	0.006	0.019
RES	RES2207	0.3	1	1	2	5	0.017	0.041	0.023	0.061	0.023	0.060	0.015	0.042
RES	RES2208	0.3	1	1	2	5	0.012	0.028	0.012	0.033	0.012	0.033	0.007	0.021
RES	RES2209	0.3	1	1	2	5	0.016	0.039	0.021	0.055	0.021	0.055	0.013	0.037
RES	RES2210	0.3	1	1	2	5	0.017	0.043	0.024	0.063	0.023	0.060	0.016	0.044
RES	RES2211	0.3	1	1	2	5	0.016	0.040	0.021	0.056	0.021	0.055	0.014	0.039
RES	RES2212	0.3	1	1	2	5	0.016	0.038	0.019	0.051	0.019	0.051	0.013	0.036
RES	RES2213	0.3	1	1	2	5	0.017	0.042	0.023	0.059	0.022	0.057	0.015	0.043
RES	RES2214	0.3	1	1	2	5	0.016	0.040	0.020	0.052	0.019	0.052	0.013	0.038
RES	RES2215	0.3	1	1	2	5	0.020	0.050	0.029	0.075	0.026	0.068	0.023	0.060
RES	RES2216	0.3	1	1	2	5	0.017	0.041	0.021	0.055	0.020	0.053	0.014	0.040
RES	RES2217	0.3	1	1	2	5	0.016	0.038	0.018	0.049	0.018	0.049	0.012	0.035
RES	RES2218	0.3	1	1	2	5	0.019	0.046	0.025	0.064	0.023	0.060	0.018	0.049
RES	RES2219	0.3	1	1	2	5	0.016	0.039	0.019	0.050	0.018	0.049	0.013	0.037
RES	RES2220	0.3	1	1	2	5	0.017	0.041	0.020	0.053	0.019	0.052	0.014	0.040
RES	RES2221	0.3	1	1	2	5	0.015	0.038	0.017	0.047	0.017	0.047	0.012	0.034
RES	RES2222	0.3	1	1	2	5	0.026	0.067	0.036	0.089	0.029	0.074	0.036	0.089
RES	RES2223	0.3	1	1	2	5	0.012	0.030	0.012	0.035	0.012	0.034	0.007	0.023
RES	RES2224	0.3	1	1	2	5	0.022	0.054	0.028	0.072	0.025	0.064	0.025	0.066

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2225	0.3	1	1	2	5	0.017	0.041	0.019	0.052	0.019	0.050	0.014	0.040
RES	RES2226	0.3	1	1	2	5	0.016	0.039	0.017	0.047	0.017	0.047	0.013	0.036
RES	RES2227	0.3	1	1	2	5	0.016	0.038	0.017	0.046	0.016	0.045	0.012	0.035
RES	RES2228	0.3	1	1	2	5	0.022	0.056	0.027	0.068	0.022	0.059	0.025	0.066
RES	RES2229	0.3	1	1	2	5	0.063	0.172	0.029	0.074	0.021	0.055	0.028	0.072
RES	RES2230	0.3	1	1	2	5	0.017	0.041	0.018	0.050	0.018	0.048	0.014	0.039
RES	RES2231	0.3	1	1	2	5	0.015	0.037	0.015	0.042	0.015	0.042	0.011	0.032
RES	RES2232	0.3	1	1	2	5	0.061	0.165	0.028	0.072	0.020	0.053	0.027	0.068
RES	RES2233	0.3	1	1	2	5	0.017	0.040	0.018	0.048	0.017	0.046	0.013	0.038
RES	RES2234	0.3	1	1	2	5	0.059	0.159	0.027	0.068	0.020	0.052	0.026	0.067
RES	RES2235	0.3	1	1	2	5	0.018	0.044	0.020	0.053	0.018	0.049	0.016	0.043
RES	RES2236	0.3	1	1	2	5	0.015	0.037	0.015	0.042	0.015	0.042	0.011	0.032
RES	RES2237	0.3	1	1	2	5	0.016	0.038	0.016	0.043	0.015	0.043	0.012	0.034
RES	RES2238	0.3	1	1	2	5	0.058	0.157	0.026	0.067	0.019	0.052	0.026	0.066
RES	RES2239	0.3	1	1	2	5	0.058	0.158	0.027	0.068	0.019	0.051	0.025	0.066
RES	RES2240	0.3	1	1	2	5	0.059	0.159	0.027	0.070	0.019	0.051	0.025	0.065
RES	RES2241	0.3	1	1	2	5	0.016	0.040	0.017	0.046	0.016	0.044	0.013	0.037
RES	RES2242	0.3	1	1	2	5	0.015	0.037	0.015	0.041	0.014	0.040	0.011	0.032
RES	RES2243	0.3	1	1	2	5	0.057	0.154	0.026	0.067	0.018	0.049	0.024	0.063
RES	RES2244	0.3	1	1	2	5	0.055	0.148	0.024	0.063	0.018	0.050	0.024	0.063
RES	RES2245	0.3	1	1	2	5	0.054	0.146	0.024	0.062	0.018	0.049	0.024	0.062
RES	RES2246	0.3	1	1	2	5	0.056	0.150	0.025	0.065	0.018	0.049	0.024	0.062
RES	RES2247	0.3	1	1	2	5	0.040	0.105	0.028	0.071	0.021	0.055	0.028	0.071
RES	RES2248	0.3	1	1	2	5	0.053	0.143	0.023	0.061	0.018	0.048	0.023	0.061

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2249	0.3	1	1	2	5	0.055	0.148	0.024	0.063	0.018	0.048	0.023	0.061
RES	RES2250	0.3	1	1	2	5	0.015	0.036	0.014	0.039	0.014	0.038	0.010	0.030
RES	RES2251	0.3	1	1	2	5	0.052	0.139	0.023	0.059	0.018	0.048	0.023	0.059
RES	RES2252	0.3	1	1	2	5	0.053	0.144	0.024	0.061	0.018	0.048	0.023	0.060
RES	RES2253	0.3	1	1	2	5	0.015	0.037	0.015	0.041	0.014	0.040	0.011	0.032
RES	RES2254	0.3	1	1	2	5	0.054	0.145	0.024	0.063	0.017	0.047	0.023	0.059
RES	RES2255	0.3	1	1	2	5	0.015	0.036	0.013	0.038	0.013	0.037	0.010	0.030
RES	RES2256	0.3	1	1	2	5	0.052	0.139	0.022	0.059	0.017	0.047	0.022	0.058
RES	RES2257	0.3	1	1	2	5	0.015	0.037	0.014	0.039	0.014	0.038	0.011	0.032
RES	RES2258	0.3	1	1	2	5	0.049	0.132	0.021	0.057	0.017	0.046	0.021	0.057
RES	RES2259	0.3	1	1	2	5	0.050	0.133	0.021	0.057	0.017	0.046	0.021	0.057
RES	RES2260	0.3	1	1	2	5	0.012	0.028	0.010	0.029	0.010	0.029	0.007	0.021
RES	RES2261	0.3	1	1	2	5	0.052	0.139	0.023	0.059	0.017	0.046	0.022	0.057
RES	RES2262	0.3	1	1	2	5	0.013	0.031	0.011	0.032	0.011	0.032	0.008	0.023
RES	RES2263	0.3	1	1	2	5	0.012	0.029	0.010	0.029	0.010	0.029	0.007	0.021
RES	RES2264	0.3	1	1	2	5	0.050	0.135	0.022	0.057	0.017	0.045	0.021	0.056
RES	RES2265	0.3	1	1	2	5	0.048	0.129	0.021	0.055	0.016	0.045	0.021	0.055
RES	RES2266	0.3	1	1	2	5	0.012	0.029	0.010	0.030	0.010	0.030	0.007	0.022
RES	RES2267	0.3	1	1	2	5	0.039	0.102	0.024	0.063	0.018	0.049	0.024	0.063
RES	RES2268	0.3	1	1	2	5	0.012	0.029	0.010	0.030	0.010	0.030	0.007	0.022
RES	RES2269	0.3	1	1	2	5	0.048	0.127	0.020	0.054	0.016	0.044	0.020	0.054
RES	RES2270	0.3	1	1	2	5	0.049	0.132	0.021	0.056	0.016	0.045	0.021	0.055
RES	RES2271	0.3	1	1	2	5	0.050	0.134	0.022	0.057	0.016	0.045	0.021	0.055
RES	RES2272	0.3	1	1	2	5	0.013	0.030	0.011	0.031	0.010	0.031	0.007	0.023

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2273	0.3	1	1	2	5	0.013	0.031	0.011	0.031	0.011	0.031	0.008	0.024
RES	RES2274	0.3	1	1	2	5	0.050	0.134	0.022	0.057	0.016	0.044	0.021	0.055
RES	RES2275	0.3	1	1	2	5	0.014	0.035	0.013	0.036	0.012	0.035	0.010	0.029
RES	RES2276	0.3	1	1	2	5	0.049	0.132	0.021	0.056	0.016	0.044	0.021	0.055
RES	RES2277	0.3	1	1	2	5	0.046	0.123	0.020	0.053	0.016	0.043	0.020	0.053
RES	RES2278	0.3	1	1	2	5	0.015	0.036	0.013	0.038	0.013	0.037	0.011	0.031
RES	RES2279	0.3	1	1	2	5	0.036	0.093	0.023	0.061	0.019	0.050	0.023	0.061
RES	RES2280	0.3	1	1	2	5	0.048	0.128	0.020	0.054	0.016	0.044	0.020	0.054
RES	RES2281	0.3	1	1	2	5	0.045	0.121	0.019	0.052	0.015	0.043	0.019	0.052
RES	RES2282	0.3	1	1	2	5	0.048	0.129	0.020	0.054	0.016	0.043	0.020	0.053
RES	RES2283	0.3	1	1	2	5	0.049	0.130	0.021	0.056	0.016	0.043	0.020	0.053
RES	RES2284	0.3	1	1	2	5	0.013	0.030	0.011	0.031	0.010	0.030	0.008	0.023
RES	RES2285	0.3	1	1	2	5	0.044	0.118	0.019	0.051	0.015	0.042	0.019	0.051
RES	RES2286	0.3	1	1	2	5	0.047	0.124	0.020	0.052	0.015	0.043	0.020	0.052
RES	RES2287	0.3	1	1	2	5	0.047	0.126	0.020	0.053	0.015	0.043	0.020	0.052
RES	RES2288	0.3	1	1	2	5	0.046	0.123	0.019	0.052	0.015	0.042	0.019	0.052
RES	RES2289	0.3	1	1	2	5	0.016	0.038	0.014	0.039	0.013	0.037	0.011	0.033
RES	RES2290	0.3	1	1	2	5	0.015	0.036	0.013	0.036	0.012	0.035	0.010	0.030
RES	RES2291	0.3	1	1	2	5	0.044	0.115	0.018	0.050	0.015	0.041	0.018	0.050
RES	RES2292	0.3	1	1	2	5	0.047	0.127	0.020	0.054	0.015	0.042	0.019	0.052
RES	RES2293	0.3	1	1	2	5	0.015	0.035	0.012	0.035	0.012	0.034	0.010	0.029
RES	RES2294	0.3	1	1	2	5	0.045	0.120	0.019	0.051	0.015	0.042	0.019	0.051
RES	RES2295	0.3	1	1	2	5	0.043	0.113	0.018	0.049	0.015	0.041	0.018	0.049
RES	RES2296	0.3	1	1	2	5	0.046	0.123	0.019	0.052	0.015	0.042	0.019	0.051

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2297	0.3	1	1	2	5	0.042	0.111	0.018	0.048	0.014	0.040	0.018	0.048
RES	RES2298	0.3	1	1	2	5	0.013	0.030	0.010	0.030	0.010	0.030	0.008	0.023
RES	RES2299	0.3	1	1	2	5	0.044	0.117	0.018	0.050	0.015	0.041	0.018	0.050
RES	RES2300	0.3	1	1	2	5	0.015	0.036	0.012	0.035	0.012	0.035	0.010	0.029
RES	RES2301	0.3	1	1	2	5	0.041	0.109	0.017	0.047	0.014	0.039	0.017	0.047
RES	RES2302	0.3	1	1	2	5	0.046	0.121	0.019	0.051	0.015	0.041	0.018	0.050
RES	RES2303	0.3	1	1	2	5	0.044	0.117	0.018	0.049	0.015	0.040	0.018	0.049
RES	RES2304	0.3	1	1	2	5	0.046	0.121	0.019	0.052	0.014	0.040	0.018	0.049
RES	RES2305	0.3	1	1	2	5	0.045	0.118	0.018	0.050	0.015	0.040	0.018	0.049
RES	RES2306	0.3	1	1	2	5	0.043	0.114	0.018	0.048	0.014	0.040	0.018	0.048
RES	RES2307	0.3	1	1	2	5	0.045	0.119	0.019	0.050	0.014	0.040	0.018	0.049
RES	RES2308	0.3	1	1	2	5	0.042	0.112	0.018	0.048	0.014	0.039	0.018	0.048
RES	RES2309	0.3	1	1	2	5	0.035	0.091	0.014	0.039	0.012	0.034	0.014	0.039
RES	RES2310	0.3	1	1	2	5	0.045	0.119	0.019	0.051	0.014	0.039	0.018	0.048
RES	RES2311	0.3	1	1	2	5	0.039	0.103	0.016	0.045	0.013	0.038	0.016	0.045
RES	RES2312	0.3	1	1	2	5	0.044	0.117	0.018	0.049	0.014	0.040	0.018	0.048
RES	RES2313	0.3	1	1	2	5	0.042	0.110	0.017	0.047	0.014	0.039	0.017	0.047
RES	RES2314	0.3	1	1	2	5	0.040	0.104	0.016	0.045	0.013	0.038	0.016	0.045
RES	RES2315	0.3	1	1	2	5	0.014	0.034	0.011	0.033	0.011	0.032	0.009	0.027
RES	RES2316	0.3	1	1	2	5	0.025	0.062	0.020	0.053	0.017	0.046	0.020	0.053
RES	RES2317	0.3	1	1	2	5	0.039	0.101	0.016	0.044	0.013	0.037	0.016	0.044
RES	RES2318	0.3	1	1	2	5	0.042	0.112	0.017	0.047	0.014	0.039	0.017	0.047
RES	RES2319	0.3	1	1	2	5	0.043	0.114	0.018	0.048	0.014	0.039	0.017	0.047
RES	RES2320	0.3	1	1	2	5	0.041	0.108	0.017	0.046	0.014	0.038	0.017	0.046

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2321	0.3	1	1	2	5	0.043	0.113	0.017	0.047	0.014	0.039	0.017	0.047
RES	RES2322	0.3	1	1	2	5	0.015	0.035	0.012	0.034	0.011	0.033	0.010	0.029
RES	RES2323	0.3	1	1	2	5	0.040	0.106	0.016	0.045	0.013	0.038	0.016	0.045
RES	RES2324	0.3	1	1	2	5	0.043	0.114	0.018	0.049	0.013	0.038	0.017	0.046
RES	RES2325	0.3	1	1	2	5	0.042	0.110	0.017	0.046	0.014	0.038	0.017	0.046
RES	RES2326	0.3	1	1	2	5	0.039	0.104	0.016	0.044	0.013	0.037	0.016	0.044
RES	RES2327	0.3	1	1	2	5	0.037	0.097	0.015	0.042	0.012	0.035	0.015	0.042
RES	RES2328	0.3	1	1	2	5	0.041	0.107	0.016	0.045	0.013	0.038	0.016	0.045
RES	RES2329	0.3	1	1	2	5	0.042	0.110	0.017	0.046	0.013	0.038	0.017	0.046
RES	RES2330	0.3	1	1	2	5	0.042	0.111	0.017	0.047	0.013	0.038	0.017	0.046
RES	RES2331	0.3	1	1	2	5	0.042	0.111	0.017	0.047	0.013	0.038	0.017	0.045
RES	RES2332	0.3	1	1	2	5	0.041	0.108	0.017	0.045	0.013	0.037	0.016	0.045
RES	RES2333	0.3	1	1	2	5	0.038	0.099	0.015	0.043	0.013	0.036	0.015	0.043
RES	RES2334	0.3	1	1	2	5	0.039	0.102	0.016	0.043	0.013	0.036	0.016	0.043
RES	RES2335	0.3	1	1	2	5	0.038	0.101	0.016	0.043	0.013	0.036	0.016	0.043
RES	RES2336	0.3	1	1	2	5	0.040	0.106	0.016	0.044	0.013	0.037	0.016	0.044
RES	RES2337	0.3	1	1	2	5	0.014	0.034	0.011	0.032	0.011	0.031	0.009	0.027
RES	RES2338	0.3	1	1	2	5	0.042	0.111	0.017	0.047	0.013	0.037	0.016	0.045
RES	RES2339	0.3	1	1	2	5	0.040	0.104	0.016	0.044	0.013	0.037	0.016	0.044
RES	RES2340	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES2341	0.3	1	1	2	5	0.039	0.103	0.016	0.043	0.013	0.036	0.016	0.043
RES	RES2342	0.3	1	1	2	5	0.036	0.094	0.015	0.040	0.012	0.035	0.015	0.040
RES	RES2343	0.3	1	1	2	5	0.028	0.072	0.018	0.049	0.016	0.044	0.018	0.049
RES	RES2344	0.3	1	1	2	5	0.040	0.105	0.016	0.044	0.013	0.037	0.016	0.044

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2345	0.3	1	1	2	5	0.041	0.107	0.016	0.045	0.013	0.037	0.016	0.044
RES	RES2346	0.3	1	1	2	5	0.014	0.035	0.011	0.032	0.011	0.031	0.009	0.027
RES	RES2347	0.3	1	1	2	5	0.035	0.092	0.014	0.039	0.012	0.034	0.014	0.039
RES	RES2348	0.3	1	1	2	5	0.040	0.106	0.016	0.044	0.013	0.037	0.016	0.044
RES	RES2349	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.010	0.029	0.011	0.032
RES	RES2350	0.3	1	1	2	5	0.035	0.091	0.014	0.039	0.012	0.033	0.014	0.039
RES	RES2351	0.3	1	1	2	5	0.041	0.107	0.017	0.046	0.013	0.036	0.016	0.043
RES	RES2352	0.3	1	1	2	5	0.038	0.100	0.015	0.042	0.013	0.036	0.015	0.042
RES	RES2353	0.3	1	1	2	5	0.039	0.103	0.016	0.043	0.013	0.036	0.016	0.043
RES	RES2354	0.3	1	1	2	5	0.037	0.096	0.015	0.041	0.012	0.035	0.015	0.041
RES	RES2355	0.3	1	1	2	5	0.036	0.093	0.014	0.040	0.012	0.034	0.014	0.040
RES	RES2356	0.3	1	1	2	5	0.014	0.033	0.010	0.030	0.010	0.030	0.009	0.026
RES	RES2357	0.3	1	1	2	5	0.034	0.089	0.014	0.038	0.011	0.033	0.014	0.038
RES	RES2358	0.3	1	1	2	5	0.039	0.103	0.015	0.043	0.013	0.036	0.015	0.043
RES	RES2359	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.009	0.028	0.011	0.031
RES	RES2360	0.3	1	1	2	5	0.040	0.105	0.016	0.045	0.013	0.036	0.016	0.043
RES	RES2361	0.3	1	1	2	5	0.037	0.097	0.015	0.041	0.012	0.035	0.015	0.041
RES	RES2362	0.3	1	1	2	5	0.017	0.040	0.013	0.037	0.012	0.035	0.012	0.034
RES	RES2363	0.3	1	1	2	5	0.040	0.104	0.016	0.044	0.012	0.035	0.015	0.042
RES	RES2364	0.3	1	1	2	5	0.036	0.095	0.014	0.040	0.012	0.034	0.014	0.040
RES	RES2365	0.3	1	1	2	5	0.040	0.105	0.016	0.045	0.012	0.035	0.015	0.042
RES	RES2366	0.3	1	1	2	5	0.014	0.034	0.011	0.031	0.010	0.030	0.009	0.027
RES	RES2367	0.3	1	1	2	5	0.035	0.091	0.014	0.039	0.012	0.033	0.014	0.039
RES	RES2368	0.3	1	1	2	5	0.038	0.100	0.015	0.042	0.012	0.035	0.015	0.042

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2369	0.3	1	1	2	5	0.037	0.096	0.015	0.040	0.012	0.034	0.015	0.040
RES	RES2370	0.3	1	1	2	5	0.039	0.101	0.015	0.042	0.012	0.035	0.015	0.042
RES	RES2371	0.3	1	1	2	5	0.034	0.089	0.014	0.038	0.011	0.033	0.014	0.038
RES	RES2372	0.3	1	1	2	5	0.033	0.086	0.013	0.037	0.011	0.032	0.013	0.037
RES	RES2373	0.3	1	1	2	5	0.039	0.103	0.016	0.043	0.012	0.035	0.015	0.042
RES	RES2374	0.3	1	1	2	5	0.036	0.094	0.014	0.040	0.012	0.034	0.014	0.040
RES	RES2375	0.3	1	1	2	5	0.033	0.084	0.013	0.036	0.011	0.031	0.013	0.036
RES	RES2376	0.3	1	1	2	5	0.039	0.102	0.016	0.044	0.012	0.035	0.015	0.041
RES	RES2377	0.3	1	1	2	5	0.038	0.098	0.015	0.041	0.012	0.035	0.015	0.041
RES	RES2378	0.3	1	1	2	5	0.033	0.086	0.013	0.037	0.011	0.032	0.013	0.037
RES	RES2379	0.3	1	1	2	5	0.034	0.089	0.014	0.038	0.011	0.033	0.014	0.038
RES	RES2380	0.3	1	1	2	5	0.034	0.087	0.013	0.037	0.011	0.032	0.013	0.037
RES	RES2381	0.3	1	1	2	5	0.034	0.088	0.013	0.037	0.011	0.032	0.013	0.037
RES	RES2382	0.3	1	1	2	5	0.038	0.101	0.015	0.042	0.012	0.035	0.015	0.041
RES	RES2383	0.3	1	1	2	5	0.037	0.096	0.014	0.040	0.012	0.034	0.014	0.040
RES	RES2384	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.009	0.028	0.011	0.031
RES	RES2385	0.3	1	1	2	5	0.038	0.099	0.015	0.041	0.012	0.034	0.015	0.041
RES	RES2386	0.3	1	1	2	5	0.038	0.100	0.015	0.042	0.012	0.034	0.015	0.041
RES	RES2387	0.3	1	1	2	5	0.029	0.073	0.011	0.031	0.009	0.028	0.011	0.031
RES	RES2388	0.3	1	1	2	5	0.014	0.034	0.010	0.030	0.010	0.029	0.009	0.026
RES	RES2389	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.009	0.027	0.010	0.030
RES	RES2390	0.3	1	1	2	5	0.037	0.096	0.014	0.040	0.012	0.034	0.014	0.040
RES	RES2391	0.3	1	1	2	5	0.038	0.100	0.015	0.043	0.012	0.034	0.014	0.040
RES	RES2392	0.3	1	1	2	5	0.038	0.099	0.015	0.041	0.012	0.034	0.015	0.040

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2393	0.3	1	1	2	5	0.034	0.088	0.013	0.037	0.011	0.032	0.013	0.037
RES	RES2394	0.3	1	1	2	5	0.038	0.099	0.015	0.042	0.012	0.034	0.014	0.040
RES	RES2395	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.012	0.033	0.014	0.039
RES	RES2396	0.3	1	1	2	5	0.037	0.097	0.014	0.040	0.012	0.034	0.014	0.040
RES	RES2397	0.3	1	1	2	5	0.036	0.093	0.014	0.039	0.012	0.033	0.014	0.039
RES	RES2398	0.3	1	1	2	5	0.028	0.070	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES2399	0.3	1	1	2	5	0.031	0.081	0.012	0.034	0.010	0.030	0.012	0.034
RES	RES2400	0.3	1	1	2	5	0.025	0.064	0.016	0.044	0.014	0.040	0.016	0.044
RES	RES2401	0.3	1	1	2	5	0.014	0.033	0.010	0.029	0.010	0.028	0.008	0.025
RES	RES2402	0.3	1	1	2	5	0.037	0.098	0.015	0.041	0.012	0.033	0.014	0.040
RES	RES2403	0.3	1	1	2	5	0.033	0.085	0.013	0.036	0.011	0.031	0.013	0.036
RES	RES2404	0.3	1	1	2	5	0.036	0.095	0.014	0.039	0.012	0.033	0.014	0.039
RES	RES2405	0.3	1	1	2	5	0.033	0.084	0.013	0.036	0.011	0.031	0.013	0.036
RES	RES2406	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.011	0.031	0.012	0.035
RES	RES2407	0.3	1	1	2	5	0.032	0.084	0.013	0.036	0.011	0.031	0.013	0.036
RES	RES2408	0.3	1	1	2	5	0.031	0.079	0.012	0.034	0.010	0.029	0.012	0.034
RES	RES2409	0.3	1	1	2	5	0.032	0.082	0.012	0.035	0.010	0.030	0.012	0.035
RES	RES2410	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.011	0.031	0.012	0.035
RES	RES2411	0.3	1	1	2	5	0.037	0.096	0.014	0.040	0.012	0.033	0.014	0.039
RES	RES2412	0.3	1	1	2	5	0.035	0.091	0.014	0.038	0.011	0.033	0.014	0.038
RES	RES2413	0.3	1	1	2	5	0.036	0.095	0.014	0.039	0.012	0.033	0.014	0.039
RES	RES2414	0.3	1	1	2	5	0.037	0.097	0.015	0.041	0.011	0.033	0.014	0.039
RES	RES2415	0.3	1	1	2	5	0.036	0.093	0.016	0.043	0.011	0.031	0.013	0.038
RES	RES2416	0.3	1	1	2	5	0.035	0.091	0.016	0.043	0.011	0.031	0.014	0.039

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2417	0.3	1	1	2	5	0.031	0.081	0.012	0.034	0.010	0.030	0.012	0.034
RES	RES2418	0.3	1	1	2	5	0.036	0.093	0.014	0.039	0.011	0.033	0.014	0.039
RES	RES2419	0.3	1	1	2	5	0.036	0.093	0.015	0.042	0.011	0.031	0.013	0.037
RES	RES2420	0.3	1	1	2	5	0.031	0.079	0.012	0.034	0.010	0.029	0.012	0.034
RES	RES2421	0.3	1	1	2	5	0.035	0.091	0.014	0.038	0.011	0.032	0.014	0.038
RES	RES2422	0.3	1	1	2	5	0.027	0.070	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES2423	0.3	1	1	2	5	0.028	0.071	0.010	0.030	0.009	0.027	0.010	0.030
RES	RES2424	0.3	1	1	2	5	0.036	0.095	0.014	0.040	0.011	0.033	0.014	0.039
RES	RES2425	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.011	0.033	0.014	0.038
RES	RES2426	0.3	1	1	2	5	0.035	0.090	0.013	0.038	0.011	0.032	0.013	0.038
RES	RES2427	0.3	1	1	2	5	0.036	0.095	0.015	0.040	0.011	0.032	0.014	0.038
RES	RES2428	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.010	0.030	0.012	0.034
RES	RES2429	0.3	1	1	2	5	0.027	0.070	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES2430	0.3	1	1	2	5	0.036	0.094	0.014	0.039	0.011	0.032	0.014	0.038
RES	RES2431	0.3	1	1	2	5	0.036	0.094	0.014	0.040	0.011	0.032	0.014	0.038
RES	RES2432	0.3	1	1	2	5	0.035	0.091	0.013	0.038	0.011	0.032	0.013	0.038
RES	RES2433	0.3	1	1	2	5	0.035	0.091	0.013	0.038	0.011	0.032	0.013	0.037
RES	RES2434	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.010	0.029	0.012	0.034
RES	RES2435	0.3	1	1	2	5	0.036	0.093	0.014	0.039	0.011	0.032	0.013	0.038
RES	RES2436	0.3	1	1	2	5	0.031	0.079	0.012	0.033	0.010	0.029	0.012	0.033
RES	RES2437	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.010	0.030	0.012	0.035
RES	RES2438	0.3	1	1	2	5	0.034	0.088	0.015	0.041	0.010	0.030	0.013	0.037
RES	RES2439	0.3	1	1	2	5	0.032	0.082	0.012	0.035	0.010	0.030	0.012	0.035
RES	RES2440	0.3	1	1	2	5	0.031	0.081	0.012	0.034	0.010	0.030	0.012	0.034

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2441	0.3	1	1	2	5	0.035	0.090	0.013	0.037	0.011	0.032	0.013	0.037
RES	RES2442	0.3	1	1	2	5	0.028	0.073	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2443	0.3	1	1	2	5	0.034	0.090	0.015	0.041	0.010	0.030	0.012	0.035
RES	RES2444	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.010	0.030	0.012	0.034
RES	RES2445	0.3	1	1	2	5	0.031	0.079	0.012	0.034	0.010	0.029	0.012	0.034
RES	RES2446	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.010	0.029	0.012	0.034
RES	RES2447	0.3	1	1	2	5	0.035	0.091	0.013	0.038	0.011	0.031	0.013	0.037
RES	RES2448	0.3	1	1	2	5	0.035	0.090	0.013	0.037	0.011	0.031	0.013	0.037
RES	RES2449	0.3	1	1	2	5	0.035	0.091	0.014	0.038	0.011	0.031	0.013	0.037
RES	RES2450	0.3	1	1	2	5	0.035	0.091	0.014	0.039	0.011	0.031	0.013	0.036
RES	RES2451	0.3	1	1	2	5	0.034	0.088	0.013	0.036	0.011	0.031	0.013	0.036
RES	RES2452	0.3	1	1	2	5	0.029	0.075	0.011	0.032	0.009	0.028	0.011	0.032
RES	RES2453	0.3	1	1	2	5	0.035	0.090	0.013	0.038	0.011	0.031	0.013	0.036
RES	RES2454	0.3	1	1	2	5	0.034	0.088	0.013	0.037	0.011	0.031	0.013	0.036
RES	RES2455	0.3	1	1	2	5	0.034	0.088	0.013	0.037	0.011	0.031	0.013	0.036
RES	RES2456	0.3	1	1	2	5	0.030	0.078	0.012	0.033	0.010	0.029	0.012	0.033
RES	RES2457	0.3	1	1	2	5	0.031	0.079	0.012	0.033	0.010	0.029	0.012	0.033
RES	RES2458	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES2459	0.3	1	1	2	5	0.031	0.079	0.012	0.033	0.010	0.029	0.012	0.033
RES	RES2460	0.3	1	1	2	5	0.033	0.086	0.014	0.039	0.010	0.029	0.012	0.035
RES	RES2461	0.3	1	1	2	5	0.033	0.086	0.013	0.036	0.010	0.030	0.012	0.035
RES	RES2462	0.3	1	1	2	5	0.034	0.089	0.013	0.038	0.010	0.030	0.013	0.036
RES	RES2463	0.3	1	1	2	5	0.033	0.084	0.014	0.039	0.010	0.029	0.012	0.035
RES	RES2464	0.3	1	1	2	5	0.030	0.078	0.011	0.033	0.010	0.029	0.011	0.033

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2465	0.3	1	1	2	5	0.033	0.085	0.014	0.039	0.010	0.029	0.012	0.035
RES	RES2466	0.3	1	1	2	5	0.030	0.077	0.011	0.033	0.010	0.028	0.011	0.033
RES	RES2467	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.010	0.028	0.011	0.032
RES	RES2468	0.3	1	1	2	5	0.034	0.088	0.013	0.037	0.010	0.030	0.012	0.036
RES	RES2469	0.3	1	1	2	5	0.029	0.076	0.011	0.032	0.010	0.028	0.011	0.032
RES	RES2470	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.010	0.028	0.011	0.032
RES	RES2471	0.3	1	1	2	5	0.033	0.087	0.013	0.036	0.010	0.030	0.012	0.035
RES	RES2472	0.3	1	1	2	5	0.033	0.087	0.014	0.038	0.010	0.029	0.012	0.034
RES	RES2473	0.3	1	1	2	5	0.034	0.087	0.013	0.036	0.010	0.030	0.012	0.035
RES	RES2474	0.3	1	1	2	5	0.033	0.086	0.014	0.038	0.010	0.029	0.012	0.034
RES	RES2475	0.3	1	1	2	5	0.034	0.087	0.013	0.036	0.010	0.030	0.012	0.035
RES	RES2476	0.3	1	1	2	5	0.034	0.087	0.014	0.038	0.010	0.029	0.012	0.034
RES	RES2477	0.3	1	1	2	5	0.034	0.087	0.013	0.038	0.010	0.030	0.012	0.035
RES	RES2478	0.3	1	1	2	5	0.033	0.085	0.014	0.038	0.010	0.028	0.012	0.034
RES	RES2479	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2480	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.010	0.030	0.012	0.035
RES	RES2481	0.3	1	1	2	5	0.033	0.086	0.013	0.038	0.010	0.029	0.012	0.034
RES	RES2482	0.3	1	1	2	5	0.028	0.073	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2483	0.3	1	1	2	5	0.028	0.071	0.010	0.030	0.009	0.027	0.010	0.030
RES	RES2484	0.3	1	1	2	5	0.033	0.087	0.013	0.037	0.010	0.030	0.012	0.035
RES	RES2485	0.3	1	1	2	5	0.032	0.083	0.014	0.038	0.010	0.029	0.012	0.035
RES	RES2486	0.3	1	1	2	5	0.033	0.085	0.012	0.035	0.010	0.030	0.012	0.035
RES	RES2487	0.3	1	1	2	5	0.033	0.086	0.013	0.036	0.010	0.030	0.012	0.035
RES	RES2488	0.3	1	1	2	5	0.033	0.085	0.013	0.037	0.010	0.029	0.012	0.034

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2489	0.3	1	1	2	5	0.032	0.082	0.013	0.037	0.009	0.028	0.012	0.034
RES	RES2490	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2491	0.3	1	1	2	5	0.032	0.083	0.012	0.034	0.010	0.029	0.012	0.034
RES	RES2492	0.3	1	1	2	5	0.033	0.085	0.013	0.036	0.010	0.029	0.012	0.034
RES	RES2493	0.3	1	1	2	5	0.033	0.085	0.013	0.036	0.010	0.029	0.012	0.034
RES	RES2494	0.3	1	1	2	5	0.033	0.085	0.013	0.036	0.010	0.029	0.012	0.034
RES	RES2495	0.3	1	1	2	5	0.031	0.081	0.013	0.037	0.010	0.028	0.012	0.034
RES	RES2496	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.010	0.029	0.012	0.034
RES	RES2497	0.3	1	1	2	5	0.031	0.079	0.011	0.033	0.010	0.028	0.011	0.033
RES	RES2498	0.3	1	1	2	5	0.032	0.081	0.013	0.037	0.009	0.027	0.011	0.033
RES	RES2499	0.3	1	1	2	5	0.029	0.075	0.011	0.032	0.009	0.028	0.011	0.032
RES	RES2500	0.3	1	1	2	5	0.032	0.082	0.013	0.036	0.009	0.028	0.011	0.032
RES	RES2501	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2502	0.3	1	1	2	5	0.032	0.083	0.013	0.036	0.010	0.028	0.012	0.033
RES	RES2503	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2504	0.3	1	1	2	5	0.032	0.082	0.013	0.036	0.009	0.028	0.011	0.032
RES	RES2505	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2506	0.3	1	1	2	5	0.028	0.073	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2507	0.3	1	1	2	5	0.032	0.082	0.013	0.036	0.009	0.028	0.011	0.032
RES	RES2508	0.3	1	1	2	5	0.029	0.073	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2509	0.3	1	1	2	5	0.029	0.073	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2510	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.010	0.028	0.012	0.033
RES	RES2511	0.3	1	1	2	5	0.031	0.081	0.013	0.036	0.009	0.027	0.011	0.032
RES	RES2512	0.3	1	1	2	5	0.032	0.083	0.012	0.035	0.010	0.028	0.012	0.033

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2513	0.3	1	1	2	5	0.032	0.082	0.012	0.035	0.010	0.028	0.011	0.033
RES	RES2514	0.3	1	1	2	5	0.031	0.079	0.013	0.036	0.009	0.028	0.012	0.033
RES	RES2515	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES2516	0.3	1	1	2	5	0.032	0.082	0.012	0.034	0.010	0.028	0.012	0.033
RES	RES2517	0.3	1	1	2	5	0.028	0.070	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2518	0.3	1	1	2	5	0.031	0.081	0.012	0.034	0.010	0.028	0.011	0.033
RES	RES2519	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES2520	0.3	1	1	2	5	0.032	0.081	0.012	0.035	0.009	0.028	0.011	0.032
RES	RES2521	0.3	1	1	2	5	0.031	0.080	0.012	0.033	0.010	0.028	0.011	0.033
RES	RES2522	0.3	1	1	2	5	0.031	0.079	0.012	0.035	0.009	0.027	0.011	0.032
RES	RES2523	0.3	1	1	2	5	0.031	0.081	0.012	0.034	0.009	0.028	0.011	0.032
RES	RES2524	0.3	1	1	2	5	0.031	0.079	0.011	0.033	0.010	0.028	0.011	0.032
RES	RES2525	0.3	1	1	2	5	0.031	0.080	0.011	0.033	0.010	0.028	0.011	0.032
RES	RES2526	0.3	1	1	2	5	0.029	0.073	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2527	0.3	1	1	2	5	0.031	0.081	0.012	0.034	0.009	0.028	0.011	0.032
RES	RES2528	0.3	1	1	2	5	0.030	0.077	0.012	0.035	0.009	0.027	0.011	0.033
RES	RES2529	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2530	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.009	0.027	0.010	0.030
RES	RES2531	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2532	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.009	0.028	0.011	0.032
RES	RES2533	0.3	1	1	2	5	0.030	0.078	0.012	0.035	0.009	0.026	0.011	0.031
RES	RES2534	0.3	1	1	2	5	0.028	0.071	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2535	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.009	0.027	0.011	0.032
RES	RES2536	0.3	1	1	2	5	0.028	0.070	0.010	0.030	0.009	0.026	0.010	0.030

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2537	0.3	1	1	2	5	0.031	0.079	0.011	0.033	0.009	0.028	0.011	0.032
RES	RES2538	0.3	1	1	2	5	0.031	0.079	0.012	0.034	0.009	0.027	0.011	0.031
RES	RES2539	0.3	1	1	2	5	0.031	0.080	0.012	0.034	0.009	0.027	0.011	0.032
RES	RES2540	0.3	1	1	2	5	0.030	0.078	0.012	0.034	0.009	0.026	0.011	0.031
RES	RES2541	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.009	0.027	0.011	0.032
RES	RES2542	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.009	0.027	0.011	0.032
RES	RES2543	0.3	1	1	2	5	0.031	0.079	0.012	0.033	0.009	0.027	0.011	0.032
RES	RES2544	0.3	1	1	2	5	0.030	0.078	0.012	0.034	0.009	0.027	0.011	0.031
RES	RES2545	0.3	1	1	2	5	0.030	0.077	0.012	0.034	0.009	0.026	0.011	0.032
RES	RES2546	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2547	0.3	1	1	2	5	0.030	0.077	0.012	0.034	0.009	0.026	0.011	0.031
RES	RES2548	0.3	1	1	2	5	0.029	0.075	0.012	0.034	0.009	0.027	0.011	0.032
RES	RES2549	0.3	1	1	2	5	0.030	0.078	0.012	0.034	0.009	0.026	0.011	0.031
RES	RES2550	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.009	0.026	0.010	0.029
RES	RES2551	0.3	1	1	2	5	0.031	0.078	0.012	0.034	0.009	0.027	0.011	0.031
RES	RES2552	0.3	1	1	2	5	0.030	0.078	0.011	0.032	0.009	0.027	0.011	0.031
RES	RES2553	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2554	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2555	0.3	1	1	2	5	0.029	0.075	0.012	0.034	0.009	0.026	0.011	0.031
RES	RES2556	0.3	1	1	2	5	0.030	0.078	0.011	0.033	0.009	0.027	0.011	0.031
RES	RES2557	0.3	1	1	2	5	0.030	0.076	0.012	0.034	0.009	0.026	0.010	0.031
RES	RES2558	0.3	1	1	2	5	0.030	0.077	0.012	0.033	0.009	0.026	0.011	0.031
RES	RES2559	0.3	1	1	2	5	0.030	0.077	0.012	0.033	0.009	0.026	0.010	0.030
RES	RES2560	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.009	0.027	0.011	0.031

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2561	0.3	1	1	2	5	0.029	0.074	0.010	0.031	0.009	0.027	0.010	0.031
RES	RES2562	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.009	0.027	0.010	0.030
RES	RES2563	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2564	0.3	1	1	2	5	0.030	0.077	0.011	0.033	0.009	0.026	0.011	0.031
RES	RES2565	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2566	0.3	1	1	2	5	0.030	0.077	0.011	0.032	0.009	0.027	0.011	0.031
RES	RES2567	0.3	1	1	2	5	0.029	0.074	0.012	0.033	0.009	0.026	0.011	0.031
RES	RES2568	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2569	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.009	0.027	0.011	0.031
RES	RES2570	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.009	0.027	0.010	0.030
RES	RES2571	0.3	1	1	2	5	0.027	0.069	0.012	0.033	0.010	0.028	0.011	0.033
RES	RES2572	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.009	0.026	0.010	0.030
RES	RES2573	0.3	1	1	2	5	0.029	0.075	0.011	0.033	0.009	0.026	0.010	0.030
RES	RES2574	0.3	1	1	2	5	0.029	0.075	0.011	0.033	0.008	0.025	0.010	0.030
RES	RES2575	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2576	0.3	1	1	2	5	0.030	0.076	0.011	0.033	0.009	0.026	0.010	0.030
RES	RES2577	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.008	0.025	0.010	0.029
RES	RES2578	0.3	1	1	2	5	0.030	0.076	0.011	0.032	0.009	0.026	0.010	0.030
RES	RES2579	0.3	1	1	2	5	0.030	0.076	0.011	0.031	0.009	0.026	0.010	0.030
RES	RES2580	0.3	1	1	2	5	0.029	0.075	0.011	0.033	0.009	0.025	0.010	0.029
RES	RES2581	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.008	0.025	0.010	0.029
RES	RES2582	0.3	1	1	2	5	0.027	0.068	0.010	0.028	0.008	0.025	0.010	0.028
RES	RES2583	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2584	0.3	1	1	2	5	0.029	0.075	0.011	0.032	0.009	0.026	0.010	0.030

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2585	0.3	1	1	2	5	0.028	0.073	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2586	0.3	1	1	2	5	0.029	0.074	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2587	0.3	1	1	2	5	0.028	0.072	0.011	0.032	0.009	0.025	0.010	0.030
RES	RES2588	0.3	1	1	2	5	0.029	0.074	0.011	0.031	0.009	0.026	0.010	0.030
RES	RES2589	0.3	1	1	2	5	0.029	0.075	0.011	0.032	0.009	0.026	0.010	0.029
RES	RES2590	0.3	1	1	2	5	0.029	0.074	0.011	0.032	0.008	0.025	0.010	0.029
RES	RES2591	0.3	1	1	2	5	0.028	0.072	0.011	0.032	0.008	0.025	0.010	0.030
RES	RES2592	0.3	1	1	2	5	0.029	0.075	0.011	0.032	0.009	0.026	0.010	0.030
RES	RES2593	0.3	1	1	2	5	0.029	0.075	0.011	0.031	0.009	0.026	0.010	0.030
RES	RES2594	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2595	0.3	1	1	2	5	0.028	0.072	0.011	0.032	0.008	0.025	0.010	0.029
RES	RES2596	0.3	1	1	2	5	0.029	0.074	0.011	0.032	0.009	0.025	0.010	0.029
RES	RES2597	0.3	1	1	2	5	0.029	0.073	0.010	0.030	0.009	0.026	0.010	0.030
RES	RES2598	0.3	1	1	2	5	0.028	0.072	0.011	0.032	0.008	0.025	0.010	0.029
RES	RES2599	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.009	0.026	0.010	0.029
RES	RES2600	0.3	1	1	2	5	0.028	0.072	0.011	0.032	0.008	0.025	0.010	0.028
RES	RES2601	0.3	1	1	2	5	0.029	0.073	0.011	0.031	0.009	0.025	0.010	0.029
RES	RES2602	0.3	1	1	2	5	0.028	0.072	0.010	0.029	0.009	0.025	0.010	0.029
RES	RES2603	0.3	1	1	2	5	0.029	0.073	0.011	0.031	0.009	0.025	0.010	0.029
RES	RES2604	0.3	1	1	2	5	0.028	0.073	0.011	0.031	0.008	0.025	0.010	0.029
RES	RES2605	0.3	1	1	2	5	0.027	0.070	0.011	0.032	0.008	0.025	0.010	0.030
RES	RES2606	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.008	0.025	0.010	0.029
RES	RES2607	0.3	1	1	2	5	0.028	0.072	0.011	0.031	0.008	0.025	0.010	0.029
RES	RES2608	0.3	1	1	2	5	0.027	0.070	0.011	0.031	0.008	0.025	0.010	0.029

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2609	0.3	1	1	2	5	0.018	0.045	0.010	0.030	0.009	0.028	0.010	0.030
RES	RES2610	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.008	0.025	0.010	0.029
RES	RES2611	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.008	0.025	0.010	0.029
RES	RES2612	0.3	1	1	2	5	0.028	0.071	0.011	0.031	0.008	0.024	0.010	0.028
RES	RES2613	0.3	1	1	2	5	0.028	0.071	0.011	0.031	0.008	0.024	0.009	0.028
RES	RES2614	0.3	1	1	2	5	0.028	0.071	0.010	0.029	0.008	0.025	0.010	0.029
RES	RES2615	0.3	1	1	2	5	0.028	0.072	0.010	0.030	0.008	0.025	0.010	0.029
RES	RES2616	0.3	1	1	2	5	0.027	0.069	0.011	0.031	0.008	0.025	0.010	0.029
RES	RES2617	0.3	1	1	2	5	0.027	0.070	0.011	0.031	0.008	0.024	0.010	0.028
RES	RES2618	0.3	1	1	2	5	0.027	0.069	0.010	0.031	0.008	0.024	0.010	0.028
RES	RES2619	0.3	1	1	2	5	0.028	0.071	0.010	0.030	0.008	0.024	0.010	0.028
RES	RES2620	0.3	1	1	2	5	0.028	0.070	0.010	0.030	0.008	0.024	0.009	0.028
RES	RES2621	0.3	1	1	2	5	0.027	0.069	0.010	0.030	0.008	0.024	0.009	0.028
RES	RES2622	0.3	1	1	2	5	0.028	0.070	0.010	0.030	0.008	0.025	0.010	0.028
RES	RES2623	0.3	1	1	2	5	0.028	0.070	0.010	0.030	0.008	0.025	0.010	0.028
RES	RES2624	0.3	1	1	2	5	0.027	0.068	0.010	0.030	0.008	0.024	0.010	0.028
RES	RES2625	0.3	1	1	2	5	0.026	0.067	0.010	0.030	0.008	0.025	0.010	0.029
RES	RES2626	0.3	1	1	2	5	0.027	0.070	0.010	0.029	0.008	0.025	0.010	0.028
RES	RES2627	0.3	1	1	2	5	0.027	0.069	0.010	0.030	0.008	0.024	0.009	0.027
RES	RES2628	0.3	1	1	2	5	0.027	0.070	0.010	0.030	0.008	0.024	0.009	0.027
RES	RES2629	0.3	1	1	2	5	0.027	0.069	0.010	0.030	0.008	0.024	0.009	0.027
RES	RES2630	0.3	1	1	2	5	0.025	0.064	0.010	0.030	0.009	0.026	0.010	0.029
RES	RES2631	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.008	0.024	0.009	0.028
RES	RES2632	0.3	1	1	2	5	0.027	0.069	0.010	0.029	0.008	0.024	0.009	0.027

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RES	RES2633	0.3	1	1	2	5	0.026	0.067	0.010	0.030	0.008	0.024	0.009	0.028
RES	RES2634	0.3	1	1	2	5	0.026	0.066	0.010	0.030	0.008	0.024	0.010	0.028
RES	RES2635	0.3	1	1	2	5	0.027	0.068	0.010	0.029	0.008	0.023	0.009	0.027
RES	RES2636	0.3	1	1	2	5	0.027	0.068	0.010	0.029	0.008	0.024	0.009	0.027
RES	RES2637	0.3	1	1	2	5	0.027	0.068	0.010	0.029	0.008	0.024	0.009	0.027
RES	RES2638	0.3	1	1	2	5	0.027	0.068	0.010	0.029	0.008	0.023	0.009	0.027
RES	RES2639	0.3	1	1	2	5	0.026	0.066	0.010	0.029	0.008	0.024	0.009	0.027
RES	RES2640	0.3	1	1	2	5	0.026	0.065	0.010	0.029	0.008	0.024	0.009	0.028
RES	RES2641	0.3	1	1	2	5	0.026	0.066	0.010	0.029	0.008	0.023	0.009	0.027
RET	RET0001	-	-	1	2	5	0.158	0.465	131.744	108.841	0.350	0.638	8.946	10.579
RET	RET0002	-	-	1	2	5	0.152	0.447	-*	-*	0.331	0.607	3.904	5.156
RET	RET0003	-	-	1	2	5	0.124	0.358	18.292	19.663	0.178	0.355	0.591	1.004
RET	RET0004	-	-	1	2	5	0.118	0.339	16.160	17.661	0.158	0.320	0.454	0.800
RET	RET0005	-	-	1	2	5	0.145	0.424	-*	-*	0.286	0.535	1.997	2.884
RET	RET0006	-	-	1	2	5	0.139	0.406	-*	-*	0.256	0.487	1.338	2.038
RET	RET0007	-	-	1	2	5	0.079	0.221	4.051	5.324	0.067	0.153	0.716	1.186
RET	RET0008	-	-	1	2	5	0.021	0.051	0.007	0.022	0.007	0.021	0.012	0.035
RET	RET0009	-	-	1	2	5	0.021	0.051	0.007	0.022	0.007	0.021	0.012	0.034
RET	RET0010	-	-	1	2	5	0.019	0.048	0.007	0.020	0.006	0.019	0.011	0.031
RET	RET0011	-	-	1	2	5	0.084	0.236	1.483	2.229	0.049	0.116	1.483	2.229
RET	RET0012	-	-	1	2	5	0.054	0.145	0.026	0.067	0.023	0.061	0.024	0.062
RET	RET0013	-	-	1	2	5	0.050	0.135	0.022	0.057	0.019	0.051	0.022	0.057
RET	RET0014	-	-	1	2	5	0.053	0.142	0.023	0.060	0.020	0.053	0.023	0.060
RET	RET0015	-	-	1	2	5	0.051	0.136	0.022	0.057	0.019	0.051	0.022	0.057

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RET	RET0016	-	-	1	2	5	0.043	0.115	0.018	0.048	0.016	0.044	0.018	0.048
RET	RET0017	-	-	1	2	5	0.049	0.131	0.021	0.055	0.018	0.049	0.021	0.055
RET	RET0018	-	-	1	2	5	0.049	0.130	0.021	0.055	0.018	0.049	0.021	0.055
RET	RET0019	-	-	1	2	5	0.060	0.162	0.027	0.069	0.023	0.060	0.027	0.069
RET	RET0020	-	-	1	2	5	0.050	0.133	0.021	0.056	0.019	0.050	0.021	0.056
RET	RET0021	-	-	1	2	5	0.049	0.130	0.021	0.055	0.018	0.049	0.021	0.055
RET	RET0022	-	-	1	2	5	0.049	0.132	0.021	0.055	0.018	0.050	0.021	0.055
RET	RET0023	-	-	1	2	5	0.049	0.130	0.020	0.054	0.018	0.049	0.020	0.054
RET	RET0024	-	-	1	2	5	0.048	0.129	0.020	0.054	0.018	0.049	0.020	0.054
RET	RET0025	-	-	1	2	5	0.046	0.123	0.020	0.052	0.018	0.048	0.019	0.051
RET	RET0026	-	-	1	2	5	0.056	0.150	0.025	0.064	0.021	0.056	0.025	0.064
RET	RET0027	-	-	1	2	5	0.048	0.129	0.020	0.054	0.018	0.049	0.020	0.054
RET	RET0028	-	-	1	2	5	0.045	0.118	0.019	0.051	0.018	0.048	0.018	0.049
RET	RET0029	-	-	1	2	5	0.048	0.129	0.021	0.055	0.018	0.049	0.020	0.054
RET	RET0030	-	-	1	2	5	0.048	0.129	0.020	0.054	0.018	0.049	0.020	0.054
RET	RET0031	-	-	1	2	5	0.044	0.118	0.019	0.051	0.018	0.048	0.018	0.049
RET	RET0032	-	-	1	2	5	0.046	0.123	0.020	0.053	0.018	0.049	0.019	0.052
RET	RET0033	-	-	1	2	5	0.046	0.123	0.020	0.053	0.018	0.049	0.019	0.051
RET	RET0034	-	-	1	2	5	0.046	0.122	0.020	0.053	0.018	0.049	0.019	0.051
RET	RET0035	-	-	1	2	5	0.046	0.122	0.020	0.053	0.018	0.049	0.019	0.051
RET	RET0036	-	-	1	2	5	0.046	0.121	0.020	0.052	0.018	0.049	0.019	0.051
RET	RET0037	-	-	1	2	5	0.046	0.122	0.020	0.053	0.018	0.049	0.019	0.051
RET	RET0038	-	-	1	2	5	0.043	0.114	0.019	0.050	0.018	0.048	0.017	0.047
RET	RET0039	-	-	1	2	5	0.044	0.117	0.019	0.052	0.018	0.049	0.018	0.049

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
RET	RET0040	-	-	1	2	5	0.043	0.114	0.019	0.051	0.018	0.049	0.018	0.048
RET	RET0041	-	-	1	2	5	0.048	0.128	0.021	0.056	0.019	0.052	0.020	0.053
RET	RET0042	-	-	1	2	5	0.043	0.113	0.019	0.051	0.018	0.049	0.018	0.048
RET	RET0043	-	-	1	2	5	0.048	0.127	0.021	0.056	0.019	0.052	0.020	0.053
RET	RET0044	-	-	1	2	5	0.047	0.126	0.021	0.056	0.019	0.052	0.020	0.053
RET	RET0045	-	-	1	2	5	0.047	0.126	0.021	0.055	0.019	0.052	0.020	0.052
RET	RET0046	-	-	1	2	5	0.047	0.124	0.021	0.055	0.019	0.052	0.019	0.052
RET	RET0047	-	-	1	2	5	0.046	0.123	0.021	0.055	0.019	0.052	0.019	0.051
RET	RET0048	-	-	1	2	5	0.051	0.136	0.023	0.059	0.020	0.054	0.022	0.057
RET	RET0049	-	-	1	2	5	0.042	0.110	0.019	0.051	0.019	0.050	0.018	0.048
RET	RET0050	-	-	1	2	5	0.044	0.116	0.020	0.053	0.019	0.052	0.019	0.050
RET	RET0051	-	-	1	2	5	0.044	0.118	0.021	0.055	0.020	0.053	0.019	0.051
RET	RET0052	-	-	1	2	5	0.045	0.118	0.021	0.055	0.020	0.053	0.019	0.051
RET	RET0053	-	-	1	2	5	0.044	0.117	0.021	0.055	0.020	0.053	0.019	0.051
RET	RET0054	-	-	1	2	5	0.045	0.120	0.022	0.057	0.021	0.056	0.020	0.053
RET	RET0055	-	-	1	2	5	0.046	0.122	0.022	0.058	0.022	0.057	0.020	0.054
RET	RET0056	-	-	1	2	5	0.014	0.033	0.012	0.033	0.010	0.029	0.009	0.028
RET	RET0057	-	-	1	2	5	0.014	0.034	0.011	0.032	0.010	0.028	0.009	0.027
RET	RET0058	-	-	1	2	5	0.014	0.033	0.012	0.034	0.010	0.029	0.009	0.028
RET	RET0059	-	-	1	2	5	0.031	0.081	1.358	2.064	1.223	1.885	0.021	0.056
RET	RET0060	-	-	1	2	5	0.056	0.152	0.029	0.075	0.027	0.069	0.029	0.075
RET	RET0061	-	-	1	2	5	0.028	0.072	0.010	0.030	0.009	0.027	0.010	0.030
SPO	SPO0001	-	-	1	2	5	0.025	0.063	0.010	0.029	0.010	0.029	0.010	0.029
SPO	SPO0002	-	-	1	2	5	0.023	0.058	0.011	0.033	0.009	0.026	0.011	0.033

Type	Receptor ID	Criteria					Peak Particle Velocity (mm/s)							
		Human Comfort					Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Non-standard Hours		Standard Hours										
		Lower	Upper	Lower	Upper	Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
SPO	SPO0003	-	-	1	2	5	0.026	0.065	0.010	0.030	0.009	0.026	0.016	0.043
SPO	SPO0004	-	-	1	2	5	0.024	0.060	0.010	0.028	0.008	0.024	0.014	0.039
SPO	SPO0005	-	-	1	2	5	0.020	0.049	0.007	0.021	0.006	0.020	0.011	0.033
SPO	SPO0006	-	-	1	2	5	0.018	0.043	0.006	0.018	0.006	0.018	0.010	0.029
SPO	SPO0007	-	-	1	2	5	0.028	0.072	0.010	0.030	0.010	0.030	0.010	0.029
SPO	SPO0008	-	-	1	2	5	0.036	0.093	0.014	0.038	0.012	0.035	0.014	0.038
SPO	SPO0009	-	-	1	2	5	0.046	0.121	0.019	0.051	0.017	0.046	0.019	0.051
SPO	SPO0010	-	-	1	2	5	0.033	0.086	0.014	0.039	0.014	0.038	0.013	0.037
SPO	SPO0011	-	-	1	2	5	0.047	0.125	0.020	0.052	0.017	0.047	0.020	0.052
SPO	SPO0012	-	-	1	2	5	0.084	0.236	0.144	0.295	0.140	0.289	0.083	0.184

Construction vibration impacts on heritage structures

Type	Receptor ID	Criteria	Peak Particle Velocity (mm/s)							
			Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
HER	B2G-19-H01	3	0.004	0.009	-*	-*	-*	-*	-*	-*
HER	B2G-19-H02	3	0.005	0.012	-*	-*	0.028	0.072	6.600	8.128
HER	B2G-19-H03	3	0.005	0.012	-*	-*	0.025	0.066	0.841	1.363
HER	B2G-19-H04	3	0.189	0.564	-*	-*	0.627	1.057	-*	-*

Type	Receptor ID	Criteria	Peak Particle Velocity (mm/s)							
			Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
HER	B2G-19-H05	3	0.179	0.531	-*	-*	0.521	0.900	-*	-*
HER	B2G-19-H06	3	0.171	0.508	-*	-*	0.533	0.918	-*	-*
HER	B2G-19-H07	3	0.158	0.465	19.455	20.742	0.414	0.737	19.455	20.742
HER	B2G-19-H08	3	0.079	0.219	8.713	10.339	0.068	0.154	8.713	10.339
HER	B2G-19-H09	3	0.076	0.210	-*	-*	0.062	0.143	-*	-*
HER	B2G-19-H10	3	0.076	0.209	-*	-*	0.062	0.142	-*	-*
HER	B2G-19-H11	3	0.231	0.702	-*	-*	4.011	5.279	-*	-*
HER	B2G-19-H12	3	0.066	0.181	-*	-*	0.048	0.113	-*	-*
HER	B2G-19-H13	3	0.007	0.016	11.487	13.138	11.254	12.907	0.539	0.926
HER	B2G-19-H14	3	0.112	0.320	-*	-*	1.838	2.684	-*	-*
HER	B2G-19-H15	3	0.115	0.329	-*	-*	0.324	0.597	0.008	0.025
HER	B2G-19-H16	3	3.225	9.540	-*	-*	0.051	0.120	0.045	0.108
HER	B2G-19-H17	3	0.051	0.137	-*	-*	0.018	0.048	-*	-*
HER	B2G-19-H18	3	0.012	0.028	0.316	0.583	0.012	0.034	0.039	0.096
HER	B2G-19-H19	3	1.764	5.745	-*	-*	-*	-*	-*	-*
HER	B2G-19-H20	3	-*	-*	-*	-*	145.910	118.914	0.958	1.526
HER	B2G-19-H21	3	0.140	0.407	-*	-*	0.388	0.697	-*	-*
HER	B2G-19-H22	3	0.099	0.281	-*	-*	0.922	1.476	-*	-*
HER	B2G-19-H23	3	-*	-*	-*	-*	553.022	377.343	0.015	0.042
HER	B2G-19-H24	3	0.088	0.248	-*	-*	1.525	2.283	-*	-*
HER	B2G-19-H25	3	0.092	0.258	-*	-*	1.979	2.862	-*	-*
HER	B2G-19-H26	3	-*	-*	-*	-*	-*	-*	0.042	0.101
HER	B2G-19-H27	3	5.345	13.129	-*	-*	-*	-*	0.038	0.094
HER	B2G-19-H28	3	0.060	0.162	-*	-*	0.055	0.129	0.500	0.868

Type	Receptor ID	Criteria	Peak Particle Velocity (mm/s)							
			Piling		Earthworks		Site setup/laydown		Road Civil Works	
		Structural Damage	Vibratory	Percussive	Steady state	start up	Steady state	start up	Steady state	start up
HER	B2G-19-H29	3	0.072	0.198	4.118	5.400	0.039	0.095	4.118	5.400
HER	B2G-19-H30	3	0.016	0.040	-*	-*	0.006	0.017	-*	-*
HER	B2G-19-H31	3	1.312	4.330	-*	-*	2.076	2.983	35.221	34.694
HER	B2G-19-H32	3	0.027	0.068	-*	-*	813.594	527.286	0.375	0.677
HER	B2G-19-H33	3	0.022	0.056	-*	-*	0.020	0.053	-*	-*
HER	B2G-19-H34	3	0.263	0.806	-*	-*	3.368	4.537	0.243	0.465

Blasting Impacts

*Receptor is located in the area within which construction equipment is expected to operate. Blasting impacts are not able to be accurately predicted due to the nature of the modelling methodology.

Blasting impacts on non-heritage structures

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
COM0001	134232	>2000	>2000	>2000	>2000
COM0002	17486	>2000	>2000	>2000	>2000
COM0003	17616	>2000	>2000	>2000	>2000
COM0004	7534	>2000	>2000	>2000	>2000
COM0005	3071	>2000	>2000	195	>2000
COM0006	2721	>2000	>2000	136	>2000
COM0007	2614	>2000	>2000	121	>2000
COM0008	2736	>2000	>2000	138	>2000
COM0009	2771	>2000	>2000	144	>2000
COM0010	2722	>2000	>2000	136	>2000
COM0011	2670	>2000	>2000	128	>2000
COM0012	2049	>2000	>2000	58	>2000
COM0013	2868	>2000	>2000	159	>2000
EDU0001	133959	>2000	>2000	>2000	>2000
EDU0002	108422	>2000	>2000	>2000	>2000
EDU0003	47	<5	10	<1	<1
EDU0004	2744	>2000	>2000	139	>2000
EDU0005	2813	>2000	>2000	150	>2000
EDU0006	2708	>2000	>2000	134	>2000
EDU0007	2534	>2000	>2000	110	>2000
EDU0008	1397	>2000	>2000	18	1340
EDU0009	958	1035	>2000	6	432
HOT0001	17620	>2000	>2000	>2000	>2000
HOT0002	2814	>2000	>2000	150	>2000
HOT0003	2651	>2000	>2000	126	>2000
HOT0004	1913	>2000	>2000	47	>2000
HOT0005	2974	>2000	>2000	177	>2000
IND0001	17848	>2000	>2000	>2000	>2000
IND0002	18102	>2000	>2000	>2000	>2000
IND0003	18410	>2000	>2000	>2000	>2000
IND0004	18480	>2000	>2000	>2000	>2000
IND0005	18028	>2000	>2000	>2000	>2000
IND0006	18216	>2000	>2000	>2000	>2000
IND0007	18198	>2000	>2000	>2000	>2000
IND0008	18129	>2000	>2000	>2000	>2000
IND0009	18349	>2000	>2000	>2000	>2000
IND0010	18248	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
IND0011	18367	>2000	>2000	>2000	>2000
IND0012	18308	>2000	>2000	>2000	>2000
IND0013	17943	>2000	>2000	>2000	>2000
IND0014	18185	>2000	>2000	>2000	>2000
IND0015	17980	>2000	>2000	>2000	>2000
IND0016	18583	>2000	>2000	>2000	>2000
IND0017	18269	>2000	>2000	>2000	>2000
IND0018	18753	>2000	>2000	>2000	>2000
IND0019	18085	>2000	>2000	>2000	>2000
IND0020	18791	>2000	>2000	>2000	>2000
IND0021	18119	>2000	>2000	>2000	>2000
IND0022	17878	>2000	>2000	>2000	>2000
IND0023	17954	>2000	>2000	>2000	>2000
IND0024	17986	>2000	>2000	>2000	>2000
IND0025	18066	>2000	>2000	>2000	>2000
IND0026	17895	>2000	>2000	>2000	>2000
IND0027	18077	>2000	>2000	>2000	>2000
IND0028	18141	>2000	>2000	>2000	>2000
IND0029	17948	>2000	>2000	>2000	>2000
IND0030	17714	>2000	>2000	>2000	>2000
IND0031	17717	>2000	>2000	>2000	>2000
IND0032	17496	>2000	>2000	>2000	>2000
IND0033	17475	>2000	>2000	>2000	>2000
IND0034	11021	>2000	>2000	>2000	>2000
IND0035	1158	>2000	>2000	114	765
IND0036	972	>2000	>2000	67	451
IND0037	3471	>2000	>2000	>2000	>2000
IND0038	3515	>2000	>2000	>2000	>2000
IND0039	3473	>2000	>2000	>2000	>2000
IND0040	3522	>2000	>2000	>2000	>2000
IND0041	3065	>2000	>2000	>2000	>2000
IND0042	3501	>2000	>2000	>2000	>2000
IND0043	3074	>2000	>2000	>2000	>2000
IND0044	3481	>2000	>2000	>2000	>2000
IND0045	3120	>2000	>2000	>2000	>2000
IND0046	2790	>2000	>2000	1590	>2000
IND0047	3181	>2000	>2000	>2000	>2000
IND0048	2951	>2000	>2000	1880	>2000
IND0049	2973	>2000	>2000	1923	>2000
IND0050	3023	>2000	>2000	>2000	>2000
IND0051	3064	>2000	>2000	>2000	>2000
IND0052	2832	>2000	>2000	1662	>2000
IND0053	2762	>2000	>2000	1541	>2000
IND0054	3160	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
IND0055	2874	>2000	>2000	1736	>2000
IND0056	2929	>2000	>2000	1839	>2000
IND0057	2854	>2000	>2000	1702	>2000
IND0058	2735	>2000	>2000	1497	>2000
IND0059	3243	>2000	>2000	>2000	>2000
IND0060	2805	>2000	>2000	1615	>2000
IND0061	3241	>2000	>2000	>2000	>2000
IND0062	2785	>2000	>2000	1580	>2000
IND0063	2774	>2000	>2000	1562	>2000
IND0064	3063	>2000	>2000	>2000	>2000
IND0065	2808	>2000	>2000	1620	>2000
IND0066	3087	>2000	>2000	>2000	>2000
IND0067	3163	>2000	>2000	>2000	>2000
IND0068	3115	>2000	>2000	>2000	>2000
IND0069	3206	>2000	>2000	>2000	>2000
IND0070	3280	>2000	>2000	>2000	>2000
IND0071	3242	>2000	>2000	>2000	>2000
IND0072	3380	>2000	>2000	>2000	>2000
IND0073	3295	>2000	>2000	>2000	>2000
IND0074	2978	>2000	>2000	1932	>2000
IND0075	2745	>2000	>2000	1514	>2000
IND0076	2625	>2000	>2000	1324	>2000
IND0077	2897	>2000	>2000	1778	>2000
IND0078	2478	>2000	>2000	1113	>2000
IND0079	2476	>2000	>2000	1111	>2000
IND0080	2455	>2000	>2000	1082	>2000
IND0081	2676	>2000	>2000	1401	>2000
IND0082	2808	>2000	>2000	1620	>2000
IND0083	2163	>2000	>2000	740	>2000
IND0084	2173	>2000	>2000	750	>2000
IND0085	2415	>2000	>2000	1031	>2000
IND0086	2418	>2000	>2000	1035	>2000
IND0087	2459	>2000	>2000	1088	>2000
IND0088	2740	>2000	>2000	1505	>2000
IND0089	1611	>2000	>2000	306	>2000
IND0090	1639	>2000	>2000	322	>2000
IND0091	88	65	155	<1	<1
IND0092	1912	>2000	>2000	512	>2000
IND0093	1970	>2000	>2000	559	>2000
IND0094	1913	>2000	>2000	512	>2000
IND0095	2682	>2000	>2000	1411	>2000
IND0096	3493	>2000	>2000	>2000	>2000
IND0097	3101	>2000	>2000	>2000	>2000
MED0001	2684	>2000	>2000	131	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
OFF0001	3022	>2000	>2000	186	>2000
OFF0002	2662	>2000	>2000	127	>2000
OFF0003	2668	>2000	>2000	128	>2000
OFF0004	2629	>2000	>2000	123	>2000
OFF0005	2746	>2000	>2000	140	>2000
OFF0006	2702	>2000	>2000	133	>2000
OFF0007	2600	>2000	>2000	119	>2000
OFF0008	2585	>2000	>2000	117	>2000
OFF0009	2568	>2000	>2000	114	>2000
OFF0010	2637	>2000	>2000	124	>2000
OFF0011	2464	>2000	>2000	101	>2000
OFF0012	2552	>2000	>2000	112	>2000
OFF0013	3088	>2000	>2000	199	>2000
REC0001	3241	>2000	>2000	230	>2000
REC0002	2799	>2000	>2000	148	>2000
REC0003	3462	>2000	>2000	280	>2000
RES0001	134695	>2000	>2000	>2000	>2000
RES0002	134320	>2000	>2000	>2000	>2000
RES0003	134261	>2000	>2000	>2000	>2000
RES0004	134318	>2000	>2000	>2000	>2000
RES0005	134215	>2000	>2000	>2000	>2000
RES0006	134216	>2000	>2000	>2000	>2000
RES0007	134172	>2000	>2000	>2000	>2000
RES0008	134253	>2000	>2000	>2000	>2000
RES0009	134274	>2000	>2000	>2000	>2000
RES0010	134214	>2000	>2000	>2000	>2000
RES0011	134171	>2000	>2000	>2000	>2000
RES0012	134108	>2000	>2000	>2000	>2000
RES0013	134173	>2000	>2000	>2000	>2000
RES0014	134120	>2000	>2000	>2000	>2000
RES0015	134122	>2000	>2000	>2000	>2000
RES0016	133999	>2000	>2000	>2000	>2000
RES0017	134140	>2000	>2000	>2000	>2000
RES0018	133968	>2000	>2000	>2000	>2000
RES0019	134086	>2000	>2000	>2000	>2000
RES0020	134107	>2000	>2000	>2000	>2000
RES0021	133940	>2000	>2000	>2000	>2000
RES0022	133917	>2000	>2000	>2000	>2000
RES0023	133903	>2000	>2000	>2000	>2000
RES0024	134020	>2000	>2000	>2000	>2000
RES0025	133989	>2000	>2000	>2000	>2000
RES0026	133851	>2000	>2000	>2000	>2000
RES0027	133969	>2000	>2000	>2000	>2000
RES0028	133883	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0029	133899	>2000	>2000	>2000	>2000
RES0030	134013	>2000	>2000	>2000	>2000
RES0031	133907	>2000	>2000	>2000	>2000
RES0032	133944	>2000	>2000	>2000	>2000
RES0033	133814	>2000	>2000	>2000	>2000
RES0034	133964	>2000	>2000	>2000	>2000
RES0035	133863	>2000	>2000	>2000	>2000
RES0036	133992	>2000	>2000	>2000	>2000
RES0037	133838	>2000	>2000	>2000	>2000
RES0038	133882	>2000	>2000	>2000	>2000
RES0039	133926	>2000	>2000	>2000	>2000
RES0040	133792	>2000	>2000	>2000	>2000
RES0041	133749	>2000	>2000	>2000	>2000
RES0042	133810	>2000	>2000	>2000	>2000
RES0043	133867	>2000	>2000	>2000	>2000
RES0044	133873	>2000	>2000	>2000	>2000
RES0045	133881	>2000	>2000	>2000	>2000
RES0046	135025	>2000	>2000	>2000	>2000
RES0047	133725	>2000	>2000	>2000	>2000
RES0048	133825	>2000	>2000	>2000	>2000
RES0049	133782	>2000	>2000	>2000	>2000
RES0050	133753	>2000	>2000	>2000	>2000
RES0051	133697	>2000	>2000	>2000	>2000
RES0052	133792	>2000	>2000	>2000	>2000
RES0053	133756	>2000	>2000	>2000	>2000
RES0054	133728	>2000	>2000	>2000	>2000
RES0055	133765	>2000	>2000	>2000	>2000
RES0056	133649	>2000	>2000	>2000	>2000
RES0057	133708	>2000	>2000	>2000	>2000
RES0058	136100	>2000	>2000	>2000	>2000
RES0059	136150	>2000	>2000	>2000	>2000
RES0060	125984	>2000	>2000	>2000	>2000
RES0061	124511	>2000	>2000	>2000	>2000
RES0062	122539	>2000	>2000	>2000	>2000
RES0063	131132	>2000	>2000	>2000	>2000
RES0064	124345	>2000	>2000	>2000	>2000
RES0065	124300	>2000	>2000	>2000	>2000
RES0066	124198	>2000	>2000	>2000	>2000
RES0067	124476	>2000	>2000	>2000	>2000
RES0068	124321	>2000	>2000	>2000	>2000
RES0069	130982	>2000	>2000	>2000	>2000
RES0070	122776	>2000	>2000	>2000	>2000
RES0071	117428	>2000	>2000	>2000	>2000
RES0072	125991	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0073	117323	>2000	>2000	>2000	>2000
RES0074	113700	>2000	>2000	>2000	>2000
RES0075	108834	>2000	>2000	>2000	>2000
RES0076	108975	>2000	>2000	>2000	>2000
RES0077	108728	>2000	>2000	>2000	>2000
RES0078	108946	>2000	>2000	>2000	>2000
RES0079	108907	>2000	>2000	>2000	>2000
RES0080	108679	>2000	>2000	>2000	>2000
RES0081	108878	>2000	>2000	>2000	>2000
RES0082	108647	>2000	>2000	>2000	>2000
RES0083	108605	>2000	>2000	>2000	>2000
RES0084	108913	>2000	>2000	>2000	>2000
RES0085	108886	>2000	>2000	>2000	>2000
RES0086	108867	>2000	>2000	>2000	>2000
RES0087	106336	>2000	>2000	>2000	>2000
RES0088	108832	>2000	>2000	>2000	>2000
RES0089	110029	>2000	>2000	>2000	>2000
RES0090	108887	>2000	>2000	>2000	>2000
RES0091	108844	>2000	>2000	>2000	>2000
RES0092	108825	>2000	>2000	>2000	>2000
RES0093	108806	>2000	>2000	>2000	>2000
RES0094	106347	>2000	>2000	>2000	>2000
RES0095	108691	>2000	>2000	>2000	>2000
RES0096	108652	>2000	>2000	>2000	>2000
RES0097	108722	>2000	>2000	>2000	>2000
RES0098	108633	>2000	>2000	>2000	>2000
RES0099	108695	>2000	>2000	>2000	>2000
RES0100	108672	>2000	>2000	>2000	>2000
RES0101	108568	>2000	>2000	>2000	>2000
RES0102	108652	>2000	>2000	>2000	>2000
RES0103	108761	>2000	>2000	>2000	>2000
RES0104	108549	>2000	>2000	>2000	>2000
RES0105	108529	>2000	>2000	>2000	>2000
RES0106	108608	>2000	>2000	>2000	>2000
RES0107	108507	>2000	>2000	>2000	>2000
RES0108	108744	>2000	>2000	>2000	>2000
RES0109	108686	>2000	>2000	>2000	>2000
RES0110	108485	>2000	>2000	>2000	>2000
RES0111	108557	>2000	>2000	>2000	>2000
RES0112	108704	>2000	>2000	>2000	>2000
RES0113	108547	>2000	>2000	>2000	>2000
RES0114	108736	>2000	>2000	>2000	>2000
RES0115	108663	>2000	>2000	>2000	>2000
RES0116	108652	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0117	108446	>2000	>2000	>2000	>2000
RES0118	108755	>2000	>2000	>2000	>2000
RES0119	108456	>2000	>2000	>2000	>2000
RES0120	108517	>2000	>2000	>2000	>2000
RES0121	108500	>2000	>2000	>2000	>2000
RES0122	108719	>2000	>2000	>2000	>2000
RES0123	108475	>2000	>2000	>2000	>2000
RES0124	108586	>2000	>2000	>2000	>2000
RES0125	108458	>2000	>2000	>2000	>2000
RES0126	108438	>2000	>2000	>2000	>2000
RES0127	108418	>2000	>2000	>2000	>2000
RES0128	108531	>2000	>2000	>2000	>2000
RES0129	108660	>2000	>2000	>2000	>2000
RES0130	108644	>2000	>2000	>2000	>2000
RES0131	108559	>2000	>2000	>2000	>2000
RES0132	108582	>2000	>2000	>2000	>2000
RES0133	108626	>2000	>2000	>2000	>2000
RES0134	108482	>2000	>2000	>2000	>2000
RES0135	108598	>2000	>2000	>2000	>2000
RES0136	108540	>2000	>2000	>2000	>2000
RES0137	108567	>2000	>2000	>2000	>2000
RES0138	108538	>2000	>2000	>2000	>2000
RES0139	108632	>2000	>2000	>2000	>2000
RES0140	108611	>2000	>2000	>2000	>2000
RES0141	108479	>2000	>2000	>2000	>2000
RES0142	108575	>2000	>2000	>2000	>2000
RES0143	108590	>2000	>2000	>2000	>2000
RES0144	108341	>2000	>2000	>2000	>2000
RES0145	108326	>2000	>2000	>2000	>2000
RES0146	108561	>2000	>2000	>2000	>2000
RES0147	108682	>2000	>2000	>2000	>2000
RES0148	108308	>2000	>2000	>2000	>2000
RES0149	108440	>2000	>2000	>2000	>2000
RES0150	108290	>2000	>2000	>2000	>2000
RES0151	108498	>2000	>2000	>2000	>2000
RES0152	108404	>2000	>2000	>2000	>2000
RES0153	108394	>2000	>2000	>2000	>2000
RES0154	108261	>2000	>2000	>2000	>2000
RES0155	108272	>2000	>2000	>2000	>2000
RES0156	108532	>2000	>2000	>2000	>2000
RES0157	108242	>2000	>2000	>2000	>2000
RES0158	108599	>2000	>2000	>2000	>2000
RES0159	108344	>2000	>2000	>2000	>2000
RES0160	108207	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0161	108563	>2000	>2000	>2000	>2000
RES0162	108485	>2000	>2000	>2000	>2000
RES0163	108538	>2000	>2000	>2000	>2000
RES0164	108298	>2000	>2000	>2000	>2000
RES0165	108287	>2000	>2000	>2000	>2000
RES0166	108507	>2000	>2000	>2000	>2000
RES0167	108268	>2000	>2000	>2000	>2000
RES0168	108251	>2000	>2000	>2000	>2000
RES0169	108474	>2000	>2000	>2000	>2000
RES0170	108234	>2000	>2000	>2000	>2000
RES0171	108571	>2000	>2000	>2000	>2000
RES0172	108555	>2000	>2000	>2000	>2000
RES0173	108452	>2000	>2000	>2000	>2000
RES0174	108215	>2000	>2000	>2000	>2000
RES0175	108536	>2000	>2000	>2000	>2000
RES0176	108183	>2000	>2000	>2000	>2000
RES0177	108517	>2000	>2000	>2000	>2000
RES0178	108498	>2000	>2000	>2000	>2000
RES0179	108456	>2000	>2000	>2000	>2000
RES0180	108535	>2000	>2000	>2000	>2000
RES0181	108421	>2000	>2000	>2000	>2000
RES0182	108502	>2000	>2000	>2000	>2000
RES0183	108489	>2000	>2000	>2000	>2000
RES0184	108316	>2000	>2000	>2000	>2000
RES0185	108444	>2000	>2000	>2000	>2000
RES0186	108470	>2000	>2000	>2000	>2000
RES0187	108457	>2000	>2000	>2000	>2000
RES0188	108293	>2000	>2000	>2000	>2000
RES0189	108234	>2000	>2000	>2000	>2000
RES0190	108259	>2000	>2000	>2000	>2000
RES0191	108327	>2000	>2000	>2000	>2000
RES0192	108174	>2000	>2000	>2000	>2000
RES0193	108266	>2000	>2000	>2000	>2000
RES0194	108113	>2000	>2000	>2000	>2000
RES0195	108237	>2000	>2000	>2000	>2000
RES0196	108075	>2000	>2000	>2000	>2000
RES0197	108213	>2000	>2000	>2000	>2000
RES0198	108072	>2000	>2000	>2000	>2000
RES0199	108183	>2000	>2000	>2000	>2000
RES0200	108314	>2000	>2000	>2000	>2000
RES0201	108305	>2000	>2000	>2000	>2000
RES0202	108208	>2000	>2000	>2000	>2000
RES0203	108036	>2000	>2000	>2000	>2000
RES0204	107905	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0205	106221	>2000	>2000	>2000	>2000
RES0206	100187	>2000	>2000	>2000	>2000
RES0207	101705	>2000	>2000	>2000	>2000
RES0208	100908	>2000	>2000	>2000	>2000
RES0209	102172	>2000	>2000	>2000	>2000
RES0210	95121	>2000	>2000	>2000	>2000
RES0211	98404	>2000	>2000	>2000	>2000
RES0212	94348	>2000	>2000	>2000	>2000
RES0213	94260	>2000	>2000	>2000	>2000
RES0214	94210	>2000	>2000	>2000	>2000
RES0215	94212	>2000	>2000	>2000	>2000
RES0216	94181	>2000	>2000	>2000	>2000
RES0217	94165	>2000	>2000	>2000	>2000
RES0218	92537	>2000	>2000	>2000	>2000
RES0219	91347	>2000	>2000	>2000	>2000
RES0220	91251	>2000	>2000	>2000	>2000
RES0221	92009	>2000	>2000	>2000	>2000
RES0222	90599	>2000	>2000	>2000	>2000
RES0223	88127	>2000	>2000	>2000	>2000
RES0224	88108	>2000	>2000	>2000	>2000
RES0225	87867	>2000	>2000	>2000	>2000
RES0226	87196	>2000	>2000	>2000	>2000
RES0227	87633	>2000	>2000	>2000	>2000
RES0228	86176	>2000	>2000	>2000	>2000
RES0229	85403	>2000	>2000	>2000	>2000
RES0230	85683	>2000	>2000	>2000	>2000
RES0231	84508	>2000	>2000	>2000	>2000
RES0232	84666	>2000	>2000	>2000	>2000
RES0233	84325	>2000	>2000	>2000	>2000
RES0234	84389	>2000	>2000	>2000	>2000
RES0235	84762	>2000	>2000	>2000	>2000
RES0236	84687	>2000	>2000	>2000	>2000
RES0237	83114	>2000	>2000	>2000	>2000
RES0238	82521	>2000	>2000	>2000	>2000
RES0239	83100	>2000	>2000	>2000	>2000
RES0240	81120	>2000	>2000	>2000	>2000
RES0241	79955	>2000	>2000	>2000	>2000
RES0242	79387	>2000	>2000	>2000	>2000
RES0243	79132	>2000	>2000	>2000	>2000
RES0244	78699	>2000	>2000	>2000	>2000
RES0245	78208	>2000	>2000	>2000	>2000
RES0246	76490	>2000	>2000	>2000	>2000
RES0247	77458	>2000	>2000	>2000	>2000
RES0248	77324	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0249	77332	>2000	>2000	>2000	>2000
RES0250	75426	>2000	>2000	>2000	>2000
RES0251	76815	>2000	>2000	>2000	>2000
RES0252	78236	>2000	>2000	>2000	>2000
RES0253	74892	>2000	>2000	>2000	>2000
RES0254	76896	>2000	>2000	>2000	>2000
RES0255	73723	>2000	>2000	>2000	>2000
RES0256	73464	>2000	>2000	>2000	>2000
RES0257	73488	>2000	>2000	>2000	>2000
RES0258	73512	>2000	>2000	>2000	>2000
RES0259	73335	>2000	>2000	>2000	>2000
RES0260	73503	>2000	>2000	>2000	>2000
RES0261	72269	>2000	>2000	>2000	>2000
RES0262	72551	>2000	>2000	>2000	>2000
RES0263	70606	>2000	>2000	>2000	>2000
RES0264	70554	>2000	>2000	>2000	>2000
RES0265	72643	>2000	>2000	>2000	>2000
RES0266	69897	>2000	>2000	>2000	>2000
RES0267	68467	>2000	>2000	>2000	>2000
RES0268	64412	>2000	>2000	>2000	>2000
RES0269	60871	>2000	>2000	>2000	>2000
RES0270	61269	>2000	>2000	>2000	>2000
RES0271	46815	>2000	>2000	>2000	>2000
RES0272	46630	>2000	>2000	>2000	>2000
RES0273	45435	>2000	>2000	>2000	>2000
RES0274	44111	>2000	>2000	>2000	>2000
RES0275	43049	>2000	>2000	>2000	>2000
RES0276	42951	>2000	>2000	>2000	>2000
RES0277	42951	>2000	>2000	>2000	>2000
RES0278	42992	>2000	>2000	>2000	>2000
RES0279	43189	>2000	>2000	>2000	>2000
RES0280	41413	>2000	>2000	>2000	>2000
RES0281	42948	>2000	>2000	>2000	>2000
RES0282	40940	>2000	>2000	>2000	>2000
RES0283	40921	>2000	>2000	>2000	>2000
RES0284	39470	>2000	>2000	>2000	>2000
RES0285	39375	>2000	>2000	>2000	>2000
RES0286	38121	>2000	>2000	>2000	>2000
RES0287	39155	>2000	>2000	>2000	>2000
RES0288	37652	>2000	>2000	>2000	>2000
RES0289	36406	>2000	>2000	>2000	>2000
RES0290	36171	>2000	>2000	>2000	>2000
RES0291	36899	>2000	>2000	>2000	>2000
RES0292	33953	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0293	33936	>2000	>2000	>2000	>2000
RES0294	33826	>2000	>2000	>2000	>2000
RES0295	35263	>2000	>2000	>2000	>2000
RES0296	33801	>2000	>2000	>2000	>2000
RES0297	33321	>2000	>2000	>2000	>2000
RES0298	31982	>2000	>2000	>2000	>2000
RES0299	32152	>2000	>2000	>2000	>2000
RES0300	32145	>2000	>2000	>2000	>2000
RES0301	31131	>2000	>2000	>2000	>2000
RES0302	29371	>2000	>2000	>2000	>2000
RES0303	30902	>2000	>2000	>2000	>2000
RES0304	29020	>2000	>2000	>2000	>2000
RES0305	29165	>2000	>2000	>2000	>2000
RES0306	26692	>2000	>2000	>2000	>2000
RES0307	27103	>2000	>2000	>2000	>2000
RES0308	24367	>2000	>2000	>2000	>2000
RES0309	26702	>2000	>2000	>2000	>2000
RES0310	26367	>2000	>2000	>2000	>2000
RES0311	25647	>2000	>2000	>2000	>2000
RES0312	23944	>2000	>2000	>2000	>2000
RES0313	22676	>2000	>2000	>2000	>2000
RES0314	21182	>2000	>2000	>2000	>2000
RES0315	21182	>2000	>2000	>2000	>2000
RES0316	21181	>2000	>2000	>2000	>2000
RES0317	22754	>2000	>2000	>2000	>2000
RES0318	19691	>2000	>2000	>2000	>2000
RES0319	17922	>2000	>2000	>2000	>2000
RES0320	19414	>2000	>2000	>2000	>2000
RES0321	17083	>2000	>2000	>2000	>2000
RES0322	15925	>2000	>2000	>2000	>2000
RES0323	19022	>2000	>2000	>2000	>2000
RES0324	18394	>2000	>2000	>2000	>2000
RES0325	20120	>2000	>2000	>2000	>2000
RES0326	18684	>2000	>2000	>2000	>2000
RES0327	16747	>2000	>2000	>2000	>2000
RES0328	18421	>2000	>2000	>2000	>2000
RES0329	18264	>2000	>2000	>2000	>2000
RES0330	19264	>2000	>2000	>2000	>2000
RES0331	19187	>2000	>2000	>2000	>2000
RES0332	19095	>2000	>2000	>2000	>2000
RES0333	19261	>2000	>2000	>2000	>2000
RES0334	19319	>2000	>2000	>2000	>2000
RES0335	19456	>2000	>2000	>2000	>2000
RES0336	19619	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0337	19783	>2000	>2000	>2000	>2000
RES0338	19849	>2000	>2000	>2000	>2000
RES0339	19650	>2000	>2000	>2000	>2000
RES0340	19709	>2000	>2000	>2000	>2000
RES0341	17777	>2000	>2000	>2000	>2000
RES0342	18360	>2000	>2000	>2000	>2000
RES0343	19863	>2000	>2000	>2000	>2000
RES0344	18929	>2000	>2000	>2000	>2000
RES0345	18991	>2000	>2000	>2000	>2000
RES0346	19377	>2000	>2000	>2000	>2000
RES0347	19174	>2000	>2000	>2000	>2000
RES0348	18572	>2000	>2000	>2000	>2000
RES0349	19101	>2000	>2000	>2000	>2000
RES0350	19497	>2000	>2000	>2000	>2000
RES0351	19678	>2000	>2000	>2000	>2000
RES0352	19429	>2000	>2000	>2000	>2000
RES0353	19295	>2000	>2000	>2000	>2000
RES0354	18226	>2000	>2000	>2000	>2000
RES0355	19556	>2000	>2000	>2000	>2000
RES0356	19228	>2000	>2000	>2000	>2000
RES0357	19616	>2000	>2000	>2000	>2000
RES0358	19021	>2000	>2000	>2000	>2000
RES0359	18721	>2000	>2000	>2000	>2000
RES0360	18878	>2000	>2000	>2000	>2000
RES0361	19140	>2000	>2000	>2000	>2000
RES0362	18628	>2000	>2000	>2000	>2000
RES0363	18919	>2000	>2000	>2000	>2000
RES0364	18771	>2000	>2000	>2000	>2000
RES0365	18969	>2000	>2000	>2000	>2000
RES0366	19052	>2000	>2000	>2000	>2000
RES0367	18174	>2000	>2000	>2000	>2000
RES0368	18232	>2000	>2000	>2000	>2000
RES0369	18040	>2000	>2000	>2000	>2000
RES0370	18829	>2000	>2000	>2000	>2000
RES0371	18885	>2000	>2000	>2000	>2000
RES0372	18920	>2000	>2000	>2000	>2000
RES0373	17928	>2000	>2000	>2000	>2000
RES0374	18937	>2000	>2000	>2000	>2000
RES0375	18021	>2000	>2000	>2000	>2000
RES0376	18041	>2000	>2000	>2000	>2000
RES0377	18114	>2000	>2000	>2000	>2000
RES0378	18577	>2000	>2000	>2000	>2000
RES0379	18921	>2000	>2000	>2000	>2000
RES0380	18570	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0381	18441	>2000	>2000	>2000	>2000
RES0382	18491	>2000	>2000	>2000	>2000
RES0383	18849	>2000	>2000	>2000	>2000
RES0384	18938	>2000	>2000	>2000	>2000
RES0385	18371	>2000	>2000	>2000	>2000
RES0386	18819	>2000	>2000	>2000	>2000
RES0387	18891	>2000	>2000	>2000	>2000
RES0388	18774	>2000	>2000	>2000	>2000
RES0389	18394	>2000	>2000	>2000	>2000
RES0390	17492	>2000	>2000	>2000	>2000
RES0391	18329	>2000	>2000	>2000	>2000
RES0392	18847	>2000	>2000	>2000	>2000
RES0393	17556	>2000	>2000	>2000	>2000
RES0394	17319	>2000	>2000	>2000	>2000
RES0395	17531	>2000	>2000	>2000	>2000
RES0396	17586	>2000	>2000	>2000	>2000
RES0397	17663	>2000	>2000	>2000	>2000
RES0398	17678	>2000	>2000	>2000	>2000
RES0399	17572	>2000	>2000	>2000	>2000
RES0400	17514	>2000	>2000	>2000	>2000
RES0401	17692	>2000	>2000	>2000	>2000
RES0402	18796	>2000	>2000	>2000	>2000
RES0403	18684	>2000	>2000	>2000	>2000
RES0404	17609	>2000	>2000	>2000	>2000
RES0405	17702	>2000	>2000	>2000	>2000
RES0406	17717	>2000	>2000	>2000	>2000
RES0407	17731	>2000	>2000	>2000	>2000
RES0408	17746	>2000	>2000	>2000	>2000
RES0409	17558	>2000	>2000	>2000	>2000
RES0410	17500	>2000	>2000	>2000	>2000
RES0411	17761	>2000	>2000	>2000	>2000
RES0412	18236	>2000	>2000	>2000	>2000
RES0413	17775	>2000	>2000	>2000	>2000
RES0414	17790	>2000	>2000	>2000	>2000
RES0415	17545	>2000	>2000	>2000	>2000
RES0416	17581	>2000	>2000	>2000	>2000
RES0417	18649	>2000	>2000	>2000	>2000
RES0418	18303	>2000	>2000	>2000	>2000
RES0419	17472	>2000	>2000	>2000	>2000
RES0420	18728	>2000	>2000	>2000	>2000
RES0421	17610	>2000	>2000	>2000	>2000
RES0422	17351	>2000	>2000	>2000	>2000
RES0423	17624	>2000	>2000	>2000	>2000
RES0424	17639	>2000	>2000	>2000	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0425	17653	>2000	>2000	>2000	>2000
RES0426	17668	>2000	>2000	>2000	>2000
RES0427	17683	>2000	>2000	>2000	>2000
RES0428	17697	>2000	>2000	>2000	>2000
RES0429	17712	>2000	>2000	>2000	>2000
RES0430	17727	>2000	>2000	>2000	>2000
RES0431	17742	>2000	>2000	>2000	>2000
RES0432	17449	>2000	>2000	>2000	>2000
RES0433	13348	>2000	>2000	>2000	>2000
RES0434	18623	>2000	>2000	>2000	>2000
RES0435	17579	>2000	>2000	>2000	>2000
RES0436	17758	>2000	>2000	>2000	>2000
RES0437	17434	>2000	>2000	>2000	>2000
RES0438	17590	>2000	>2000	>2000	>2000
RES0439	17639	>2000	>2000	>2000	>2000
RES0440	17654	>2000	>2000	>2000	>2000
RES0441	17668	>2000	>2000	>2000	>2000
RES0442	17683	>2000	>2000	>2000	>2000
RES0443	17698	>2000	>2000	>2000	>2000
RES0444	17712	>2000	>2000	>2000	>2000
RES0445	17744	>2000	>2000	>2000	>2000
RES0446	18597	>2000	>2000	>2000	>2000
RES0447	17518	>2000	>2000	>2000	>2000
RES0448	17734	>2000	>2000	>2000	>2000
RES0449	12053	>2000	>2000	>2000	>2000
RES0450	12913	>2000	>2000	>2000	>2000
RES0451	11874	>2000	>2000	>2000	>2000
RES0452	8101	>2000	>2000	>2000	>2000
RES0453	9456	>2000	>2000	>2000	>2000
RES0454	7770	>2000	>2000	>2000	>2000
RES0455	6778	>2000	>2000	>2000	>2000
RES0456	9210	>2000	>2000	>2000	>2000
RES0457	9215	>2000	>2000	>2000	>2000
RES0458	7764	>2000	>2000	>2000	>2000
RES0459	7816	>2000	>2000	>2000	>2000
RES0460	6726	>2000	>2000	>2000	>2000
RES0461	7446	>2000	>2000	>2000	>2000
RES0462	7434	>2000	>2000	>2000	>2000
RES0463	7444	>2000	>2000	>2000	>2000
RES0464	7173	>2000	>2000	>2000	>2000
RES0465	2337	>2000	>2000	86	>2000
RES0466	3087	>2000	>2000	198	>2000
RES0467	2459	>2000	>2000	100	>2000
RES0468	1799	>2000	>2000	39	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0469	551	343	1354	<5	82
RES0470	1526	>2000	>2000	24	1749
RES0471	445	223	881	<1	43
RES0472	151	26	101	<1	<5
RES0473	101	11	45	<1	<1
RES0474	369	154	608	<1	25
RES0475	176	35	139	<1	<5
RES0476	129	19	75	<1	<5
RES0477	38	<5	6	<1	<1
RES0478	661	493	1948	<5	142
RES0479	93	10	39	<1	<1
RES0480	1313	1946	>2000	15	1113
RES0481	970	1061	>2000	6	448
RES0482	1924	>2000	>2000	48	>2000
RES0483	234	62	243	<1	6
RES0484	49	<5	11	<1	<1
RES0485	2	<1	<1	<1	<1
RES0486	39	<5	7	<1	<1
RES0487	30	<1	<5	<1	<1
RES0488	879	871	>2000	<5	334
RES0489	114	15	58	<1	<1
RES0490	156	27	108	<1	<5
RES0491	139	22	86	<1	<5
RES0492	192	42	164	<1	<5
RES0493	130	19	75	<1	<5
RES0494	106	13	50	<1	<1
RES0495	174	34	135	<1	<5
RES0496	203	47	185	<1	<5
RES0497	87	9	34	<1	<1
RES0498	1476	>2000	>2000	22	1581
RES0499	48	<5	10	<1	<1
RES0500	163	30	118	<1	<5
RES0501	50	<5	11	<1	<1
RES0502	38	<5	7	<1	<1
RES0503	39	<5	7	<1	<1
RES0504	161	29	116	<1	<5
RES0505	192	41	164	<1	<5
RES0506	221	55	217	<1	5
RES0507	1775	>2000	>2000	38	>2000
RES0508	177	35	140	<1	<5
RES0509	382	165	651	<1	27
RES0510	196	43	171	<1	<5
RES0511	363	149	587	<1	23
RES0512	236	63	248	<1	6

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0513	298	100	395	<1	13
RES0514	288	94	370	<1	12
RES0515	46	<5	9	<1	<1
RES0516	332	125	492	<1	18
RES0517	591	395	1559	<5	102
RES0518	60	<5	16	<1	<1
RES0519	212	51	200	<1	<5
RES0520	138	21	85	<1	<5
RES0521	1495	>2000	>2000	23	1643
RES0522	102	12	46	<1	<1
RES0523	42	<5	8	<1	<1
RES0524	679	520	>2000	<5	154
RES0525	4	<1	<1	<1	<1
RES0526	1954	>2000	>2000	50	>2000
RES0527	865	845	>2000	<5	319
RES0528	996	1120	>2000	7	486
RES0529	1917	>2000	>2000	48	>2000
RES0530	1850	>2000	>2000	43	>2000
RES0531	1157	1511	>2000	10	762
RES0532	1499	>2000	>2000	23	1658
RES0533	1419	>2000	>2000	19	1404
RES0534	1440	>2000	>2000	20	1469
RES0535	58	<5	15	<1	<1
RES0536	172	33	131	<1	<5
RES0537	1536	>2000	>2000	24	1782
RES0538	3711	>2000	>2000	345	>2000
RES0539	20	<1	<5	<1	<1
RES0540	3691	>2000	>2000	339	>2000
RES0541	3652	>2000	>2000	329	>2000
RES0542	3670	>2000	>2000	334	>2000
RES0543	3631	>2000	>2000	323	>2000
RES0544	3581	>2000	>2000	310	>2000
RES0545	3655	>2000	>2000	329	>2000
RES0546	3655	>2000	>2000	329	>2000
RES0547	3611	>2000	>2000	318	>2000
RES0548	3633	>2000	>2000	323	>2000
RES0549	3590	>2000	>2000	312	>2000
RES0550	3612	>2000	>2000	318	>2000
RES0551	3543	>2000	>2000	300	>2000
RES0552	3575	>2000	>2000	308	>2000
RES0553	3473	>2000	>2000	283	>2000
RES0554	3515	>2000	>2000	293	>2000
RES0555	3549	>2000	>2000	302	>2000
RES0556	3493	>2000	>2000	288	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0557	3577	>2000	>2000	309	>2000
RES0558	3509	>2000	>2000	292	>2000
RES0559	3432	>2000	>2000	273	>2000
RES0560	3464	>2000	>2000	280	>2000
RES0561	3464	>2000	>2000	280	>2000
RES0562	3583	>2000	>2000	310	>2000
RES0563	3324	>2000	>2000	248	>2000
RES0564	3332	>2000	>2000	250	>2000
RES0565	3441	>2000	>2000	275	>2000
RES0566	3340	>2000	>2000	251	>2000
RES0567	3348	>2000	>2000	253	>2000
RES0568	3529	>2000	>2000	297	>2000
RES0569	3361	>2000	>2000	256	>2000
RES0570	3373	>2000	>2000	259	>2000
RES0571	3392	>2000	>2000	263	>2000
RES0572	3642	>2000	>2000	326	>2000
RES0573	3435	>2000	>2000	274	>2000
RES0574	3416	>2000	>2000	269	>2000
RES0575	512	296	1168	<1	66
RES0576	3450	>2000	>2000	277	>2000
RES0577	3269	>2000	>2000	236	>2000
RES0578	3482	>2000	>2000	285	>2000
RES0579	727	596	>2000	<5	189
RES0580	3460	>2000	>2000	279	>2000
RES0581	3494	>2000	>2000	288	>2000
RES0582	3283	>2000	>2000	239	>2000
RES0583	3291	>2000	>2000	241	>2000
RES0584	3560	>2000	>2000	304	>2000
RES0585	3298	>2000	>2000	242	>2000
RES0586	3587	>2000	>2000	311	>2000
RES0587	3621	>2000	>2000	320	>2000
RES0588	3527	>2000	>2000	296	>2000
RES0589	3250	>2000	>2000	232	>2000
RES0590	3320	>2000	>2000	247	>2000
RES0591	3344	>2000	>2000	252	>2000
RES0592	3604	>2000	>2000	316	>2000
RES0593	3230	>2000	>2000	227	>2000
RES0594	3192	>2000	>2000	220	>2000
RES0595	3582	>2000	>2000	310	>2000
RES0596	3368	>2000	>2000	258	>2000
RES0597	3326	>2000	>2000	248	>2000
RES0598	3616	>2000	>2000	319	>2000
RES0599	3623	>2000	>2000	321	>2000
RES0600	3384	>2000	>2000	261	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0601	3392	>2000	>2000	263	>2000
RES0602	3418	>2000	>2000	270	>2000
RES0603	3175	>2000	>2000	216	>2000
RES0604	3211	>2000	>2000	223	>2000
RES0605	3283	>2000	>2000	239	>2000
RES0606	3429	>2000	>2000	272	>2000
RES0607	3438	>2000	>2000	274	>2000
RES0608	3305	>2000	>2000	244	>2000
RES0609	3345	>2000	>2000	253	>2000
RES0610	3446	>2000	>2000	276	>2000
RES0611	3474	>2000	>2000	283	>2000
RES0612	3490	>2000	>2000	287	>2000
RES0613	3158	>2000	>2000	213	>2000
RES0614	3513	>2000	>2000	293	>2000
RES0615	3264	>2000	>2000	235	>2000
RES0616	3113	>2000	>2000	204	>2000
RES0617	3286	>2000	>2000	239	>2000
RES0618	1338	>2000	>2000	16	1178
RES0619	3224	>2000	>2000	226	>2000
RES0620	3449	>2000	>2000	277	>2000
RES0621	3142	>2000	>2000	209	>2000
RES0622	3349	>2000	>2000	254	>2000
RES0623	3317	>2000	>2000	246	>2000
RES0624	3499	>2000	>2000	289	>2000
RES0625	3246	>2000	>2000	231	>2000
RES0626	3466	>2000	>2000	281	>2000
RES0627	3097	>2000	>2000	200	>2000
RES0628	3373	>2000	>2000	259	>2000
RES0629	3169	>2000	>2000	215	>2000
RES0630	3206	>2000	>2000	222	>2000
RES0631	3403	>2000	>2000	266	>2000
RES0632	3125	>2000	>2000	206	>2000
RES0633	3228	>2000	>2000	227	>2000
RES0634	3330	>2000	>2000	249	>2000
RES0635	3080	>2000	>2000	197	>2000
RES0636	3254	>2000	>2000	232	>2000
RES0637	3356	>2000	>2000	255	>2000
RES0638	3477	>2000	>2000	284	>2000
RES0639	3442	>2000	>2000	275	>2000
RES0640	3108	>2000	>2000	203	>2000
RES0641	3285	>2000	>2000	239	>2000
RES0642	3381	>2000	>2000	261	>2000
RES0643	3182	>2000	>2000	217	>2000
RES0644	3063	>2000	>2000	194	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0645	3208	>2000	>2000	223	>2000
RES0646	3307	>2000	>2000	244	>2000
RES0647	3142	>2000	>2000	209	>2000
RES0648	3233	>2000	>2000	228	>2000
RES0649	3092	>2000	>2000	199	>2000
RES0650	3401	>2000	>2000	266	>2000
RES0651	1112	1396	>2000	9	677
RES0652	3456	>2000	>2000	279	>2000
RES0653	3003	>2000	>2000	183	>2000
RES0654	3267	>2000	>2000	235	>2000
RES0655	3046	>2000	>2000	191	>2000
RES0656	3417	>2000	>2000	269	>2000
RES0657	3016	>2000	>2000	185	>2000
RES0658	3294	>2000	>2000	241	>2000
RES0659	3328	>2000	>2000	249	>2000
RES0660	2056	>2000	>2000	59	>2000
RES0661	3076	>2000	>2000	196	>2000
RES0662	3188	>2000	>2000	219	>2000
RES0663	3357	>2000	>2000	255	>2000
RES0664	3215	>2000	>2000	224	>2000
RES0665	3029	>2000	>2000	188	>2000
RES0666	3435	>2000	>2000	274	>2000
RES0667	3108	>2000	>2000	203	>2000
RES0668	3376	>2000	>2000	260	>2000
RES0669	3144	>2000	>2000	210	>2000
RES0670	3396	>2000	>2000	264	>2000
RES0671	3239	>2000	>2000	229	>2000
RES0672	3197	>2000	>2000	220	>2000
RES0673	3012	>2000	>2000	184	>2000
RES0674	3297	>2000	>2000	242	>2000
RES0675	3252	>2000	>2000	232	>2000
RES0676	2966	>2000	>2000	176	>2000
RES0677	2931	>2000	>2000	170	>2000
RES0678	3325	>2000	>2000	248	>2000
RES0679	3262	>2000	>2000	234	>2000
RES0680	3041	>2000	>2000	190	>2000
RES0681	3354	>2000	>2000	255	>2000
RES0682	2963	>2000	>2000	176	>2000
RES0683	3175	>2000	>2000	216	>2000
RES0684	2970	>2000	>2000	177	>2000
RES0685	3363	>2000	>2000	257	>2000
RES0686	3073	>2000	>2000	196	>2000
RES0687	3025	>2000	>2000	187	>2000
RES0688	2985	>2000	>2000	180	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0689	2985	>2000	>2000	180	>2000
RES0690	3391	>2000	>2000	263	>2000
RES0691	2996	>2000	>2000	181	>2000
RES0692	2996	>2000	>2000	181	>2000
RES0693	3408	>2000	>2000	267	>2000
RES0694	3335	>2000	>2000	250	>2000
RES0695	3429	>2000	>2000	272	>2000
RES0696	3369	>2000	>2000	258	>2000
RES0697	3097	>2000	>2000	200	>2000
RES0698	3476	>2000	>2000	283	>2000
RES0699	3008	>2000	>2000	184	>2000
RES0700	1650	>2000	>2000	30	>2000
RES0701	3119	>2000	>2000	205	>2000
RES0702	3145	>2000	>2000	210	>2000
RES0703	3187	>2000	>2000	218	>2000
RES0704	3235	>2000	>2000	228	>2000
RES0705	3220	>2000	>2000	225	>2000
RES0706	3411	>2000	>2000	268	>2000
RES0707	3447	>2000	>2000	276	>2000
RES0708	3302	>2000	>2000	243	>2000
RES0709	3313	>2000	>2000	245	>2000
RES0710	3330	>2000	>2000	249	>2000
RES0711	3344	>2000	>2000	252	>2000
RES0712	541	331	1305	<5	78
RES0713	3358	>2000	>2000	255	>2000
RES0714	3248	>2000	>2000	231	>2000
RES0715	3429	>2000	>2000	272	>2000
RES0716	3371	>2000	>2000	258	>2000
RES0717	3388	>2000	>2000	262	>2000
RES0718	3157	>2000	>2000	212	>2000
RES0719	2941	>2000	>2000	172	>2000
RES0720	3003	>2000	>2000	183	>2000
RES0721	2962	>2000	>2000	175	>2000
RES0722	3198	>2000	>2000	221	>2000
RES0723	2852	>2000	>2000	157	>2000
RES0724	3409	>2000	>2000	267	>2000
RES0725	2988	>2000	>2000	180	>2000
RES0726	1493	>2000	>2000	22	1636
RES0727	3135	>2000	>2000	208	>2000
RES0728	3140	>2000	>2000	209	>2000
RES0729	3148	>2000	>2000	211	>2000
RES0730	3153	>2000	>2000	212	>2000
RES0731	2945	>2000	>2000	172	>2000
RES0732	3161	>2000	>2000	213	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0733	3142	>2000	>2000	209	>2000
RES0734	3143	>2000	>2000	209	>2000
RES0735	3176	>2000	>2000	216	>2000
RES0736	2804	>2000	>2000	149	>2000
RES0737	3131	>2000	>2000	207	>2000
RES0738	3153	>2000	>2000	211	>2000
RES0739	3138	>2000	>2000	209	>2000
RES0740	3203	>2000	>2000	222	>2000
RES0741	3322	>2000	>2000	247	>2000
RES0742	3173	>2000	>2000	215	>2000
RES0743	2927	>2000	>2000	169	>2000
RES0744	3392	>2000	>2000	263	>2000
RES0745	3449	>2000	>2000	277	>2000
RES0746	3229	>2000	>2000	227	>2000
RES0747	3209	>2000	>2000	223	>2000
RES0748	3244	>2000	>2000	230	>2000
RES0749	2957	>2000	>2000	174	>2000
RES0750	3339	>2000	>2000	251	>2000
RES0751	3257	>2000	>2000	233	>2000
RES0752	459	237	937	<1	47
RES0753	3119	>2000	>2000	205	>2000
RES0754	2909	>2000	>2000	166	>2000
RES0755	3367	>2000	>2000	258	>2000
RES0756	3271	>2000	>2000	236	>2000
RES0757	3298	>2000	>2000	242	>2000
RES0758	2933	>2000	>2000	170	>2000
RES0759	3316	>2000	>2000	246	>2000
RES0760	2890	>2000	>2000	163	>2000
RES0761	3355	>2000	>2000	255	>2000
RES0762	3156	>2000	>2000	212	>2000
RES0763	2918	>2000	>2000	168	>2000
RES0764	3186	>2000	>2000	218	>2000
RES0765	3173	>2000	>2000	216	>2000
RES0766	522	307	1212	<1	70
RES0767	3339	>2000	>2000	251	>2000
RES0768	2857	>2000	>2000	157	>2000
RES0769	2644	>2000	>2000	125	>2000
RES0770	2861	>2000	>2000	158	>2000
RES0771	476	255	1008	<1	53
RES0772	3443	>2000	>2000	275	>2000
RES0773	3220	>2000	>2000	225	>2000
RES0774	3192	>2000	>2000	219	>2000
RES0775	3428	>2000	>2000	272	>2000
RES0776	2903	>2000	>2000	165	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0777	2823	>2000	>2000	152	>2000
RES0778	3229	>2000	>2000	227	>2000
RES0779	3239	>2000	>2000	229	>2000
RES0780	3407	>2000	>2000	267	>2000
RES0781	2830	>2000	>2000	153	>2000
RES0782	2834	>2000	>2000	154	>2000
RES0783	2840	>2000	>2000	155	>2000
RES0784	3245	>2000	>2000	231	>2000
RES0785	2836	>2000	>2000	154	>2000
RES0786	3323	>2000	>2000	248	>2000
RES0787	2844	>2000	>2000	155	>2000
RES0788	3269	>2000	>2000	236	>2000
RES0789	2846	>2000	>2000	156	>2000
RES0790	2848	>2000	>2000	156	>2000
RES0791	3384	>2000	>2000	261	>2000
RES0792	2850	>2000	>2000	156	>2000
RES0793	2716	>2000	>2000	135	>2000
RES0794	2706	>2000	>2000	134	>2000
RES0795	2887	>2000	>2000	162	>2000
RES0796	3365	>2000	>2000	257	>2000
RES0797	3345	>2000	>2000	252	>2000
RES0798	2834	>2000	>2000	154	>2000
RES0799	2714	>2000	>2000	135	>2000
RES0800	3325	>2000	>2000	248	>2000
RES0801	2718	>2000	>2000	136	>2000
RES0802	2726	>2000	>2000	137	>2000
RES0803	2869	>2000	>2000	159	>2000
RES0804	2880	>2000	>2000	161	>2000
RES0805	3255	>2000	>2000	233	>2000
RES0806	2889	>2000	>2000	163	>2000
RES0807	2551	>2000	>2000	112	>2000
RES0808	3289	>2000	>2000	240	>2000
RES0809	3057	>2000	>2000	193	>2000
RES0810	2560	>2000	>2000	113	>2000
RES0811	2775	>2000	>2000	144	>2000
RES0812	2568	>2000	>2000	114	>2000
RES0813	2847	>2000	>2000	156	>2000
RES0814	2787	>2000	>2000	146	>2000
RES0815	3385	>2000	>2000	262	>2000
RES0816	2576	>2000	>2000	115	>2000
RES0817	2576	>2000	>2000	115	>2000
RES0818	2603	>2000	>2000	119	>2000
RES0819	3231	>2000	>2000	228	>2000
RES0820	2800	>2000	>2000	148	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0821	2613	>2000	>2000	120	>2000
RES0822	3358	>2000	>2000	256	>2000
RES0823	2621	>2000	>2000	121	>2000
RES0824	3204	>2000	>2000	222	>2000
RES0825	3336	>2000	>2000	251	>2000
RES0826	3187	>2000	>2000	218	>2000
RES0827	2634	>2000	>2000	123	>2000
RES0828	3034	>2000	>2000	188	>2000
RES0829	2644	>2000	>2000	125	>2000
RES0830	2623	>2000	>2000	122	>2000
RES0831	3321	>2000	>2000	247	>2000
RES0832	2828	>2000	>2000	153	>2000
RES0833	3309	>2000	>2000	244	>2000
RES0834	3163	>2000	>2000	214	>2000
RES0835	2555	>2000	>2000	113	>2000
RES0836	3152	>2000	>2000	211	>2000
RES0837	3353	>2000	>2000	254	>2000
RES0838	2656	>2000	>2000	126	>2000
RES0839	3293	>2000	>2000	241	>2000
RES0840	2842	>2000	>2000	155	>2000
RES0841	3137	>2000	>2000	208	>2000
RES0842	3272	>2000	>2000	236	>2000
RES0843	2816	>2000	>2000	151	>2000
RES0844	3108	>2000	>2000	203	>2000
RES0845	2671	>2000	>2000	129	>2000
RES0846	2537	>2000	>2000	110	>2000
RES0847	3248	>2000	>2000	231	>2000
RES0848	3344	>2000	>2000	252	>2000
RES0849	2637	>2000	>2000	124	>2000
RES0850	3015	>2000	>2000	185	>2000
RES0851	3089	>2000	>2000	199	>2000
RES0852	2686	>2000	>2000	131	>2000
RES0853	3227	>2000	>2000	227	>2000
RES0854	3075	>2000	>2000	196	>2000
RES0855	2694	>2000	>2000	132	>2000
RES0856	2831	>2000	>2000	153	>2000
RES0857	2793	>2000	>2000	147	>2000
RES0858	3202	>2000	>2000	221	>2000
RES0859	3056	>2000	>2000	193	>2000
RES0860	2624	>2000	>2000	122	>2000
RES0861	3039	>2000	>2000	189	>2000
RES0862	2568	>2000	>2000	114	>2000
RES0863	2514	>2000	>2000	107	>2000
RES0864	3180	>2000	>2000	217	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0865	2536	>2000	>2000	110	>2000
RES0866	2541	>2000	>2000	111	>2000
RES0867	2445	>2000	>2000	99	>2000
RES0868	3158	>2000	>2000	213	>2000
RES0869	2547	>2000	>2000	111	>2000
RES0870	2449	>2000	>2000	99	>2000
RES0871	3019	>2000	>2000	186	>2000
RES0872	2643	>2000	>2000	125	>2000
RES0873	2553	>2000	>2000	112	>2000
RES0874	2453	>2000	>2000	100	>2000
RES0875	2573	>2000	>2000	115	>2000
RES0876	2607	>2000	>2000	120	>2000
RES0877	3310	>2000	>2000	245	>2000
RES0878	2564	>2000	>2000	114	>2000
RES0879	2990	>2000	>2000	180	>2000
RES0880	2456	>2000	>2000	100	>2000
RES0881	3113	>2000	>2000	203	>2000
RES0882	2463	>2000	>2000	101	>2000
RES0883	3209	>2000	>2000	223	>2000
RES0884	2469	>2000	>2000	102	>2000
RES0885	3095	>2000	>2000	200	>2000
RES0886	2483	>2000	>2000	103	>2000
RES0887	2587	>2000	>2000	117	>2000
RES0888	3295	>2000	>2000	241	>2000
RES0889	3058	>2000	>2000	193	>2000
RES0890	452	231	912	<1	46
RES0891	2611	>2000	>2000	120	>2000
RES0892	3223	>2000	>2000	226	>2000
RES0893	2498	>2000	>2000	105	>2000
RES0894	3036	>2000	>2000	189	>2000
RES0895	3134	>2000	>2000	208	>2000
RES0896	2386	>2000	>2000	92	>2000
RES0897	2545	>2000	>2000	111	>2000
RES0898	2501	>2000	>2000	106	>2000
RES0899	3176	>2000	>2000	216	>2000
RES0900	3010	>2000	>2000	184	>2000
RES0901	2507	>2000	>2000	106	>2000
RES0902	2394	>2000	>2000	93	>2000
RES0903	2521	>2000	>2000	108	>2000
RES0904	2398	>2000	>2000	93	>2000
RES0905	2531	>2000	>2000	109	>2000
RES0906	2990	>2000	>2000	180	>2000
RES0907	2563	>2000	>2000	114	>2000
RES0908	3212	>2000	>2000	224	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0909	2407	>2000	>2000	94	>2000
RES0910	2593	>2000	>2000	118	>2000
RES0911	3273	>2000	>2000	237	>2000
RES0912	2972	>2000	>2000	177	>2000
RES0913	2476	>2000	>2000	102	>2000
RES0914	2421	>2000	>2000	96	>2000
RES0915	3125	>2000	>2000	206	>2000
RES0916	2430	>2000	>2000	97	>2000
RES0917	2955	>2000	>2000	174	>2000
RES0918	2408	>2000	>2000	94	>2000
RES0919	3169	>2000	>2000	215	>2000
RES0920	2438	>2000	>2000	98	>2000
RES0921	1026	1189	>2000	7	532
RES0922	2494	>2000	>2000	105	>2000
RES0923	2574	>2000	>2000	115	>2000
RES0924	2907	>2000	>2000	166	>2000
RES0925	3201	>2000	>2000	221	>2000
RES0926	3076	>2000	>2000	196	>2000
RES0927	2391	>2000	>2000	92	>2000
RES0928	2583	>2000	>2000	116	>2000
RES0929	2879	>2000	>2000	161	>2000
RES0930	3113	>2000	>2000	204	>2000
RES0931	3155	>2000	>2000	212	>2000
RES0932	2900	>2000	>2000	165	>2000
RES0933	2556	>2000	>2000	113	>2000
RES0934	2862	>2000	>2000	158	>2000
RES0935	2993	>2000	>2000	181	>2000
RES0936	2436	>2000	>2000	98	>2000
RES0937	2442	>2000	>2000	98	>2000
RES0938	2845	>2000	>2000	155	>2000
RES0939	2447	>2000	>2000	99	>2000
RES0940	2453	>2000	>2000	100	>2000
RES0941	2463	>2000	>2000	101	>2000
RES0942	2628	>2000	>2000	122	>2000
RES0943	2402	>2000	>2000	93	>2000
RES0944	2476	>2000	>2000	102	>2000
RES0945	2928	>2000	>2000	169	>2000
RES0946	2889	>2000	>2000	163	>2000
RES0947	3193	>2000	>2000	220	>2000
RES0948	2811	>2000	>2000	150	>2000
RES0949	2825	>2000	>2000	152	>2000
RES0950	2970	>2000	>2000	177	>2000
RES0951	2796	>2000	>2000	147	>2000
RES0952	3051	>2000	>2000	192	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0953	2492	>2000	>2000	104	>2000
RES0954	2954	>2000	>2000	174	>2000
RES0955	2483	>2000	>2000	103	>2000
RES0956	2690	>2000	>2000	131	>2000
RES0957	2497	>2000	>2000	105	>2000
RES0958	2762	>2000	>2000	142	>2000
RES0959	2523	>2000	>2000	108	>2000
RES0960	2714	>2000	>2000	135	>2000
RES0961	2931	>2000	>2000	170	>2000
RES0962	2547	>2000	>2000	112	>2000
RES0963	2879	>2000	>2000	161	>2000
RES0964	2571	>2000	>2000	115	>2000
RES0965	2523	>2000	>2000	108	>2000
RES0966	2717	>2000	>2000	135	>2000
RES0967	2550	>2000	>2000	112	>2000
RES0968	2750	>2000	>2000	140	>2000
RES0969	2868	>2000	>2000	159	>2000
RES0970	2692	>2000	>2000	132	>2000
RES0971	2792	>2000	>2000	147	>2000
RES0972	2676	>2000	>2000	129	>2000
RES0973	2706	>2000	>2000	134	>2000
RES0974	85	8	32	<1	<1
RES0975	2392	>2000	>2000	92	>2000
RES0976	2743	>2000	>2000	139	>2000
RES0977	2399	>2000	>2000	93	>2000
RES0978	2407	>2000	>2000	94	>2000
RES0979	2646	>2000	>2000	125	>2000
RES0980	2417	>2000	>2000	95	>2000
RES0981	2369	>2000	>2000	90	>2000
RES0982	2427	>2000	>2000	96	>2000
RES0983	2441	>2000	>2000	98	>2000
RES0984	2734	>2000	>2000	138	>2000
RES0985	2678	>2000	>2000	130	>2000
RES0986	2354	>2000	>2000	88	>2000
RES0987	2605	>2000	>2000	119	>2000
RES0988	3015	>2000	>2000	185	>2000
RES0989	2465	>2000	>2000	101	>2000
RES0990	141	22	88	<1	<5
RES0991	2473	>2000	>2000	102	>2000
RES0992	2482	>2000	>2000	103	>2000
RES0993	2678	>2000	>2000	130	>2000
RES0994	2489	>2000	>2000	104	>2000
RES0995	2312	>2000	>2000	83	>2000
RES0996	2510	>2000	>2000	107	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES0997	2498	>2000	>2000	105	>2000
RES0998	2418	>2000	>2000	95	>2000
RES0999	2528	>2000	>2000	109	>2000
RES1000	2515	>2000	>2000	107	>2000
RES1001	2587	>2000	>2000	117	>2000
RES1002	2543	>2000	>2000	111	>2000
RES1003	2348	>2000	>2000	87	>2000
RES1004	2355	>2000	>2000	88	>2000
RES1005	2328	>2000	>2000	85	>2000
RES1006	2382	>2000	>2000	91	>2000
RES1007	2356	>2000	>2000	88	>2000
RES1008	1154	1503	>2000	10	756
RES1009	2531	>2000	>2000	109	>2000
RES1010	2199	>2000	>2000	72	>2000
RES1011	2395	>2000	>2000	93	>2000
RES1012	2424	>2000	>2000	96	>2000
RES1013	3014	>2000	>2000	185	>2000
RES1014	2552	>2000	>2000	112	>2000
RES1015	2513	>2000	>2000	107	>2000
RES1016	2434	>2000	>2000	97	>2000
RES1017	2660	>2000	>2000	127	>2000
RES1018	2447	>2000	>2000	99	>2000
RES1019	2789	>2000	>2000	146	>2000
RES1020	2463	>2000	>2000	101	>2000
RES1021	2288	>2000	>2000	81	>2000
RES1022	2372	>2000	>2000	90	>2000
RES1023	2478	>2000	>2000	103	>2000
RES1024	2402	>2000	>2000	93	>2000
RES1025	3199	>2000	>2000	221	>2000
RES1026	2313	>2000	>2000	84	>2000
RES1027	2495	>2000	>2000	105	>2000
RES1028	2332	>2000	>2000	86	>2000
RES1029	3244	>2000	>2000	230	>2000
RES1030	2349	>2000	>2000	87	>2000
RES1031	2020	>2000	>2000	56	>2000
RES1032	2264	>2000	>2000	78	>2000
RES1033	2382	>2000	>2000	91	>2000
RES1034	3279	>2000	>2000	238	>2000
RES1035	2290	>2000	>2000	81	>2000
RES1036	2313	>2000	>2000	84	>2000
RES1037	2390	>2000	>2000	92	>2000
RES1038	2330	>2000	>2000	85	>2000
RES1039	2741	>2000	>2000	139	>2000
RES1040	2506	>2000	>2000	106	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1041	2411	>2000	>2000	95	>2000
RES1042	3255	>2000	>2000	233	>2000
RES1043	62	<5	17	<1	<1
RES1044	2418	>2000	>2000	95	>2000
RES1045	2025	>2000	>2000	56	>2000
RES1046	2393	>2000	>2000	93	>2000
RES1047	2013	>2000	>2000	55	>2000
RES1048	2430	>2000	>2000	97	>2000
RES1049	1982	>2000	>2000	53	>2000
RES1050	2357	>2000	>2000	88	>2000
RES1051	1945	>2000	>2000	50	>2000
RES1052	1351	>2000	>2000	17	1213
RES1053	3218	>2000	>2000	225	>2000
RES1054	2451	>2000	>2000	99	>2000
RES1055	3205	>2000	>2000	222	>2000
RES1056	3053	>2000	>2000	192	>2000
RES1057	2195	>2000	>2000	71	>2000
RES1058	2216	>2000	>2000	73	>2000
RES1059	2236	>2000	>2000	75	>2000
RES1060	2224	>2000	>2000	74	>2000
RES1061	2250	>2000	>2000	77	>2000
RES1062	2238	>2000	>2000	76	>2000
RES1063	2681	>2000	>2000	130	>2000
RES1064	2263	>2000	>2000	78	>2000
RES1065	2328	>2000	>2000	85	>2000
RES1066	2967	>2000	>2000	176	>2000
RES1067	2271	>2000	>2000	79	>2000
RES1068	3084	>2000	>2000	198	>2000
RES1069	2280	>2000	>2000	80	>2000
RES1070	2337	>2000	>2000	86	>2000
RES1071	2935	>2000	>2000	171	>2000
RES1072	3258	>2000	>2000	233	>2000
RES1073	2346	>2000	>2000	87	>2000
RES1074	2368	>2000	>2000	90	>2000
RES1075	3061	>2000	>2000	194	>2000
RES1076	3209	>2000	>2000	223	>2000
RES1077	3045	>2000	>2000	191	>2000
RES1078	2347	>2000	>2000	87	>2000
RES1079	2377	>2000	>2000	91	>2000
RES1080	3020	>2000	>2000	186	>2000
RES1081	3006	>2000	>2000	183	>2000
RES1082	2709	>2000	>2000	134	>2000
RES1083	2986	>2000	>2000	180	>2000
RES1084	2970	>2000	>2000	177	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1085	2933	>2000	>2000	170	>2000
RES1086	2948	>2000	>2000	173	>2000
RES1087	3224	>2000	>2000	226	>2000
RES1088	3218	>2000	>2000	225	>2000
RES1089	3108	>2000	>2000	203	>2000
RES1090	2189	>2000	>2000	71	>2000
RES1091	2914	>2000	>2000	167	>2000
RES1092	2197	>2000	>2000	72	>2000
RES1093	2895	>2000	>2000	164	>2000
RES1094	2209	>2000	>2000	73	>2000
RES1095	2457	>2000	>2000	100	>2000
RES1096	2227	>2000	>2000	74	>2000
RES1097	2876	>2000	>2000	161	>2000
RES1098	2859	>2000	>2000	158	>2000
RES1099	3215	>2000	>2000	224	>2000
RES1100	2263	>2000	>2000	78	>2000
RES1101	2841	>2000	>2000	155	>2000
RES1102	2250	>2000	>2000	77	>2000
RES1103	2271	>2000	>2000	79	>2000
RES1104	3207	>2000	>2000	223	>2000
RES1105	2819	>2000	>2000	151	>2000
RES1106	2278	>2000	>2000	80	>2000
RES1107	2287	>2000	>2000	81	>2000
RES1108	2508	>2000	>2000	106	>2000
RES1109	3075	>2000	>2000	196	>2000
RES1110	2298	>2000	>2000	82	>2000
RES1111	2308	>2000	>2000	83	>2000
RES1112	2785	>2000	>2000	146	>2000
RES1113	2930	>2000	>2000	170	>2000
RES1114	2314	>2000	>2000	84	>2000
RES1115	2765	>2000	>2000	143	>2000
RES1116	0	<1 *	<1 *	<1 *	<1 *
RES1117	2911	>2000	>2000	166	>2000
RES1118	3197	>2000	>2000	220	>2000
RES1119	2485	>2000	>2000	104	>2000
RES1120	2743	>2000	>2000	139	>2000
RES1121	2891	>2000	>2000	163	>2000
RES1122	2469	>2000	>2000	102	>2000
RES1123	3001	>2000	>2000	182	>2000
RES1124	3156	>2000	>2000	212	>2000
RES1125	2182	>2000	>2000	70	>2000
RES1126	3055	>2000	>2000	192	>2000
RES1127	2872	>2000	>2000	160	>2000
RES1128	2127	>2000	>2000	65	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1129	2808	>2000	>2000	149	>2000
RES1130	3223	>2000	>2000	226	>2000
RES1131	2017	>2000	>2000	55	>2000
RES1132	2135	>2000	>2000	66	>2000
RES1133	2853	>2000	>2000	157	>2000
RES1134	2144	>2000	>2000	66	>2000
RES1135	2768	>2000	>2000	143	>2000
RES1136	2152	>2000	>2000	67	>2000
RES1137	2957	>2000	>2000	174	>2000
RES1138	2432	>2000	>2000	97	>2000
RES1139	2985	>2000	>2000	179	>2000
RES1140	3169	>2000	>2000	215	>2000
RES1141	2409	>2000	>2000	94	>2000
RES1142	2214	>2000	>2000	73	>2000
RES1143	2189	>2000	>2000	71	>2000
RES1144	2759	>2000	>2000	142	>2000
RES1145	2223	>2000	>2000	74	>2000
RES1146	2199	>2000	>2000	72	>2000
RES1147	2385	>2000	>2000	92	>2000
RES1148	2233	>2000	>2000	75	>2000
RES1149	2893	>2000	>2000	163	>2000
RES1150	2796	>2000	>2000	148	>2000
RES1151	2871	>2000	>2000	160	>2000
RES1152	2590	>2000	>2000	117	>2000
RES1153	2238	>2000	>2000	76	>2000
RES1154	2361	>2000	>2000	89	>2000
RES1155	2262	>2000	>2000	78	>2000
RES1156	2249	>2000	>2000	77	>2000
RES1157	2854	>2000	>2000	157	>2000
RES1158	3200	>2000	>2000	221	>2000
RES1159	1971	>2000	>2000	52	>2000
RES1160	2957	>2000	>2000	174	>2000
RES1161	2570	>2000	>2000	115	>2000
RES1162	2609	>2000	>2000	120	>2000
RES1163	2745	>2000	>2000	140	>2000
RES1164	2835	>2000	>2000	154	>2000
RES1165	1733	>2000	>2000	35	>2000
RES1166	2813	>2000	>2000	150	>2000
RES1167	2780	>2000	>2000	145	>2000
RES1168	2486	>2000	>2000	104	>2000
RES1169	1952	>2000	>2000	50	>2000
RES1170	2739	>2000	>2000	139	>2000
RES1171	2505	>2000	>2000	106	>2000
RES1172	2540	>2000	>2000	111	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1173	2462	>2000	>2000	101	>2000
RES1174	2774	>2000	>2000	144	>2000
RES1175	1935	>2000	>2000	49	>2000
RES1176	2935	>2000	>2000	171	>2000
RES1177	2737	>2000	>2000	138	>2000
RES1178	2133	>2000	>2000	65	>2000
RES1179	2677	>2000	>2000	129	>2000
RES1180	629	446	1762	<5	122
RES1181	2489	>2000	>2000	104	>2000
RES1182	2994	>2000	>2000	181	>2000
RES1183	2205	>2000	>2000	72	>2000
RES1184	2187	>2000	>2000	71	>2000
RES1185	2769	>2000	>2000	143	>2000
RES1186	2563	>2000	>2000	114	>2000
RES1187	2727	>2000	>2000	137	>2000
RES1188	2519	>2000	>2000	108	>2000
RES1189	1916	>2000	>2000	47	>2000
RES1190	2218	>2000	>2000	74	>2000
RES1191	2669	>2000	>2000	128	>2000
RES1192	2424	>2000	>2000	96	>2000
RES1193	2140	>2000	>2000	66	>2000
RES1194	2473	>2000	>2000	102	>2000
RES1195	2911	>2000	>2000	166	>2000
RES1196	2664	>2000	>2000	128	>2000
RES1197	2623	>2000	>2000	122	>2000
RES1198	2399	>2000	>2000	93	>2000
RES1199	2368	>2000	>2000	90	>2000
RES1200	1896	>2000	>2000	46	>2000
RES1201	2177	>2000	>2000	70	>2000
RES1202	2716	>2000	>2000	135	>2000
RES1203	2349	>2000	>2000	87	>2000
RES1204	2504	>2000	>2000	106	>2000
RES1205	2760	>2000	>2000	142	>2000
RES1206	2457	>2000	>2000	100	>2000
RES1207	2590	>2000	>2000	117	>2000
RES1208	2151	>2000	>2000	67	>2000
RES1209	1868	>2000	>2000	44	>2000
RES1210	2566	>2000	>2000	114	>2000
RES1211	2653	>2000	>2000	126	>2000
RES1212	2482	>2000	>2000	103	>2000
RES1213	2608	>2000	>2000	120	>2000
RES1214	533	320	1265	<5	74
RES1215	2378	>2000	>2000	91	>2000
RES1216	2341	>2000	>2000	87	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1217	2513	>2000	>2000	107	>2000
RES1218	2886	>2000	>2000	162	>2000
RES1219	2760	>2000	>2000	142	>2000
RES1220	2289	>2000	>2000	81	>2000
RES1221	1860	>2000	>2000	43	>2000
RES1222	2646	>2000	>2000	125	>2000
RES1223	2468	>2000	>2000	101	>2000
RES1224	2593	>2000	>2000	118	>2000
RES1225	2939	>2000	>2000	171	>2000
RES1226	2320	>2000	>2000	84	>2000
RES1227	2540	>2000	>2000	111	>2000
RES1228	2364	>2000	>2000	89	>2000
RES1229	2255	>2000	>2000	77	>2000
RES1230	2420	>2000	>2000	96	>2000
RES1231	2760	>2000	>2000	142	>2000
RES1232	1841	>2000	>2000	42	>2000
RES1233	2581	>2000	>2000	116	>2000
RES1234	2452	>2000	>2000	99	>2000
RES1235	2344	>2000	>2000	87	>2000
RES1236	2692	>2000	>2000	132	>2000
RES1237	2310	>2000	>2000	83	>2000
RES1238	2776	>2000	>2000	144	>2000
RES1239	2208	>2000	>2000	73	>2000
RES1240	2799	>2000	>2000	148	>2000
RES1241	2403	>2000	>2000	94	>2000
RES1242	1822	>2000	>2000	41	>2000
RES1243	2439	>2000	>2000	98	>2000
RES1244	2182	>2000	>2000	70	>2000
RES1245	2289	>2000	>2000	81	>2000
RES1246	2845	>2000	>2000	155	>2000
RES1247	2531	>2000	>2000	109	>2000
RES1248	2474	>2000	>2000	102	>2000
RES1249	2636	>2000	>2000	124	>2000
RES1250	2506	>2000	>2000	106	>2000
RES1251	2487	>2000	>2000	104	>2000
RES1252	2322	>2000	>2000	85	>2000
RES1253	2162	>2000	>2000	68	>2000
RES1254	2390	>2000	>2000	92	>2000
RES1255	2621	>2000	>2000	122	>2000
RES1256	1803	>2000	>2000	40	>2000
RES1257	2537	>2000	>2000	110	>2000
RES1258	2894	>2000	>2000	163	>2000
RES1259	889	893	>2000	<5	346
RES1260	2270	>2000	>2000	79	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1261	2561	>2000	>2000	113	>2000
RES1262	2580	>2000	>2000	116	>2000
RES1263	2376	>2000	>2000	91	>2000
RES1264	2123	>2000	>2000	65	>2000
RES1265	2717	>2000	>2000	135	>2000
RES1266	2310	>2000	>2000	83	>2000
RES1267	1785	>2000	>2000	38	>2000
RES1268	2139	>2000	>2000	66	>2000
RES1269	2681	>2000	>2000	130	>2000
RES1270	2159	>2000	>2000	68	>2000
RES1271	2169	>2000	>2000	69	>2000
RES1272	2265	>2000	>2000	78	>2000
RES1273	2178	>2000	>2000	70	>2000
RES1274	2400	>2000	>2000	93	>2000
RES1275	2363	>2000	>2000	89	>2000
RES1276	1754	>2000	>2000	36	>2000
RES1277	2193	>2000	>2000	71	>2000
RES1278	2433	>2000	>2000	97	>2000
RES1279	2623	>2000	>2000	122	>2000
RES1280	2209	>2000	>2000	73	>2000
RES1281	2447	>2000	>2000	99	>2000
RES1282	2225	>2000	>2000	74	>2000
RES1283	2699	>2000	>2000	133	>2000
RES1284	2389	>2000	>2000	92	>2000
RES1285	2350	>2000	>2000	88	>2000
RES1286	2571	>2000	>2000	115	>2000
RES1287	2245	>2000	>2000	76	>2000
RES1288	2472	>2000	>2000	102	>2000
RES1289	2278	>2000	>2000	80	>2000
RES1290	2312	>2000	>2000	83	>2000
RES1291	2292	>2000	>2000	81	>2000
RES1292	2536	>2000	>2000	110	>2000
RES1293	2495	>2000	>2000	105	>2000
RES1294	2116	>2000	>2000	64	>2000
RES1295	2681	>2000	>2000	130	>2000
RES1296	2555	>2000	>2000	113	>2000
RES1297	2334	>2000	>2000	86	>2000
RES1298	2370	>2000	>2000	90	>2000
RES1299	2094	>2000	>2000	62	>2000
RES1300	2128	>2000	>2000	65	>2000
RES1301	2069	>2000	>2000	60	>2000
RES1302	2427	>2000	>2000	96	>2000
RES1303	2136	>2000	>2000	66	>2000
RES1304	2436	>2000	>2000	97	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1305	2442	>2000	>2000	98	>2000
RES1306	2187	>2000	>2000	71	>2000
RES1307	1713	>2000	>2000	34	>2000
RES1308	2448	>2000	>2000	99	>2000
RES1309	2669	>2000	>2000	128	>2000
RES1310	2541	>2000	>2000	111	>2000
RES1311	2584	>2000	>2000	116	>2000
RES1312	2158	>2000	>2000	68	>2000
RES1313	1966	>2000	>2000	51	>2000
RES1314	2230	>2000	>2000	75	>2000
RES1315	2892	>2000	>2000	163	>2000
RES1316	2844	>2000	>2000	155	>2000
RES1317	2207	>2000	>2000	73	>2000
RES1318	2394	>2000	>2000	93	>2000
RES1319	2245	>2000	>2000	76	>2000
RES1320	1996	>2000	>2000	54	>2000
RES1321	2275	>2000	>2000	79	>2000
RES1322	2659	>2000	>2000	127	>2000
RES1323	2400	>2000	>2000	93	>2000
RES1324	2572	>2000	>2000	115	>2000
RES1325	97	11	42	<1	<1
RES1326	2411	>2000	>2000	95	>2000
RES1327	2527	>2000	>2000	109	>2000
RES1328	2426	>2000	>2000	96	>2000
RES1329	2303	>2000	>2000	82	>2000
RES1330	2253	>2000	>2000	77	>2000
RES1331	115	15	59	<1	<1
RES1332	2336	>2000	>2000	86	>2000
RES1333	2760	>2000	>2000	142	>2000
RES1334	2025	>2000	>2000	56	>2000
RES1335	2976	>2000	>2000	178	>2000
RES1336	2904	>2000	>2000	165	>2000
RES1337	2560	>2000	>2000	113	>2000
RES1338	2650	>2000	>2000	126	>2000
RES1339	2389	>2000	>2000	92	>2000
RES1340	2400	>2000	>2000	93	>2000
RES1341	2411	>2000	>2000	95	>2000
RES1342	2291	>2000	>2000	81	>2000
RES1343	2409	>2000	>2000	94	>2000
RES1344	2421	>2000	>2000	96	>2000
RES1345	2420	>2000	>2000	96	>2000
RES1346	2321	>2000	>2000	84	>2000
RES1347	2549	>2000	>2000	112	>2000
RES1348	1965	>2000	>2000	51	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1349	2996	>2000	>2000	181	>2000
RES1350	2352	>2000	>2000	88	>2000
RES1351	2362	>2000	>2000	89	>2000
RES1352	2809	>2000	>2000	149	>2000
RES1353	2372	>2000	>2000	90	>2000
RES1354	2383	>2000	>2000	91	>2000
RES1355	2384	>2000	>2000	91	>2000
RES1356	2394	>2000	>2000	93	>2000
RES1357	2405	>2000	>2000	94	>2000
RES1358	1989	>2000	>2000	53	>2000
RES1359	2671	>2000	>2000	129	>2000
RES1360	2538	>2000	>2000	110	>2000
RES1361	2841	>2000	>2000	155	>2000
RES1362	2245	>2000	>2000	76	>2000
RES1363	2915	>2000	>2000	167	>2000
RES1364	2308	>2000	>2000	83	>2000
RES1365	1993	>2000	>2000	53	>2000
RES1366	2008	>2000	>2000	55	>2000
RES1367	1943	>2000	>2000	50	>2000
RES1368	2031	>2000	>2000	57	>2000
RES1369	2488	>2000	>2000	104	>2000
RES1370	2527	>2000	>2000	109	>2000
RES1371	2019	>2000	>2000	56	>2000
RES1372	2081	>2000	>2000	61	>2000
RES1373	2058	>2000	>2000	59	>2000
RES1374	2613	>2000	>2000	120	>2000
RES1375	1676	>2000	>2000	32	>2000
RES1376	2255	>2000	>2000	77	>2000
RES1377	2653	>2000	>2000	126	>2000
RES1378	2127	>2000	>2000	65	>2000
RES1379	2459	>2000	>2000	100	>2000
RES1380	2516	>2000	>2000	107	>2000
RES1381	2850	>2000	>2000	156	>2000
RES1382	2106	>2000	>2000	63	>2000
RES1383	2089	>2000	>2000	61	>2000
RES1384	2288	>2000	>2000	81	>2000
RES1385	2135	>2000	>2000	66	>2000
RES1386	2335	>2000	>2000	86	>2000
RES1387	2149	>2000	>2000	67	>2000
RES1388	2240	>2000	>2000	76	>2000
RES1389	1678	>2000	>2000	32	>2000
RES1390	2162	>2000	>2000	68	>2000
RES1391	2641	>2000	>2000	124	>2000
RES1392	2950	>2000	>2000	173	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1393	2358	>2000	>2000	88	>2000
RES1394	2175	>2000	>2000	69	>2000
RES1395	2505	>2000	>2000	106	>2000
RES1396	2696	>2000	>2000	132	>2000
RES1397	2562	>2000	>2000	114	>2000
RES1398	1900	>2000	>2000	46	>2000
RES1399	2188	>2000	>2000	71	>2000
RES1400	2458	>2000	>2000	100	>2000
RES1401	2372	>2000	>2000	90	>2000
RES1402	1964	>2000	>2000	51	>2000
RES1403	1890	>2000	>2000	46	>2000
RES1404	2201	>2000	>2000	72	>2000
RES1405	2405	>2000	>2000	94	>2000
RES1406	121	17	65	<1	<1
RES1407	2386	>2000	>2000	92	>2000
RES1408	1808	>2000	>2000	40	>2000
RES1409	2775	>2000	>2000	144	>2000
RES1410	2419	>2000	>2000	95	>2000
RES1411	1651	>2000	>2000	30	>2000
RES1412	2627	>2000	>2000	122	>2000
RES1413	2225	>2000	>2000	74	>2000
RES1414	2494	>2000	>2000	105	>2000
RES1415	1986	>2000	>2000	53	>2000
RES1416	2446	>2000	>2000	99	>2000
RES1417	2001	>2000	>2000	54	>2000
RES1418	2041	>2000	>2000	57	>2000
RES1419	1893	>2000	>2000	46	>2000
RES1420	2017	>2000	>2000	55	>2000
RES1421	2860	>2000	>2000	158	>2000
RES1422	2085	>2000	>2000	61	>2000
RES1423	2481	>2000	>2000	103	>2000
RES1424	2054	>2000	>2000	58	>2000
RES1425	2611	>2000	>2000	120	>2000
RES1426	2808	>2000	>2000	149	>2000
RES1427	2105	>2000	>2000	63	>2000
RES1428	2895	>2000	>2000	164	>2000
RES1429	2744	>2000	>2000	139	>2000
RES1430	2311	>2000	>2000	83	>2000
RES1431	2125	>2000	>2000	65	>2000
RES1432	2139	>2000	>2000	66	>2000
RES1433	2331	>2000	>2000	85	>2000
RES1434	1724	>2000	>2000	35	>2000
RES1435	2343	>2000	>2000	87	>2000
RES1436	1912	>2000	>2000	47	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1437	2357	>2000	>2000	88	>2000
RES1438	2156	>2000	>2000	68	>2000
RES1439	2614	>2000	>2000	120	>2000
RES1440	2190	>2000	>2000	71	>2000
RES1441	2644	>2000	>2000	125	>2000
RES1442	2233	>2000	>2000	75	>2000
RES1443	1867	>2000	>2000	44	>2000
RES1444	1598	>2000	>2000	28	>2000
RES1445	2381	>2000	>2000	91	>2000
RES1446	2667	>2000	>2000	128	>2000
RES1447	2463	>2000	>2000	101	>2000
RES1448	2366	>2000	>2000	89	>2000
RES1449	2473	>2000	>2000	102	>2000
RES1450	2424	>2000	>2000	96	>2000
RES1451	1928	>2000	>2000	48	>2000
RES1452	1898	>2000	>2000	46	>2000
RES1453	1940	>2000	>2000	49	>2000
RES1454	1891	>2000	>2000	46	>2000
RES1455	2213	>2000	>2000	73	>2000
RES1456	2505	>2000	>2000	106	>2000
RES1457	2539	>2000	>2000	110	>2000
RES1458	2166	>2000	>2000	69	>2000
RES1459	2525	>2000	>2000	109	>2000
RES1460	2444	>2000	>2000	99	>2000
RES1461	2484	>2000	>2000	103	>2000
RES1462	2463	>2000	>2000	101	>2000
RES1463	2552	>2000	>2000	112	>2000
RES1464	2573	>2000	>2000	115	>2000
RES1465	2598	>2000	>2000	118	>2000
RES1466	2615	>2000	>2000	121	>2000
RES1467	2068	>2000	>2000	60	>2000
RES1468	2085	>2000	>2000	61	>2000
RES1469	1638	>2000	>2000	30	>2000
RES1470	2095	>2000	>2000	62	>2000
RES1471	2633	>2000	>2000	123	>2000
RES1472	2119	>2000	>2000	64	>2000
RES1473	1862	>2000	>2000	44	>2000
RES1474	1929	>2000	>2000	48	>2000
RES1475	2205	>2000	>2000	72	>2000
RES1476	2145	>2000	>2000	67	>2000
RES1477	1939	>2000	>2000	49	>2000
RES1478	2008	>2000	>2000	55	>2000
RES1479	1971	>2000	>2000	52	>2000
RES1480	1887	>2000	>2000	45	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1481	1953	>2000	>2000	50	>2000
RES1482	1852	>2000	>2000	43	>2000
RES1483	1977	>2000	>2000	52	>2000
RES1484	2105	>2000	>2000	63	>2000
RES1485	1992	>2000	>2000	53	>2000
RES1486	2173	>2000	>2000	69	>2000
RES1487	2127	>2000	>2000	65	>2000
RES1488	2034	>2000	>2000	57	>2000
RES1489	2405	>2000	>2000	94	>2000
RES1490	1860	>2000	>2000	43	>2000
RES1491	2423	>2000	>2000	96	>2000
RES1492	2440	>2000	>2000	98	>2000
RES1493	2051	>2000	>2000	58	>2000
RES1494	1827	>2000	>2000	41	>2000
RES1495	2456	>2000	>2000	100	>2000
RES1496	1872	>2000	>2000	44	>2000
RES1497	2086	>2000	>2000	61	>2000
RES1498	2473	>2000	>2000	102	>2000
RES1499	1888	>2000	>2000	45	>2000
RES1500	2490	>2000	>2000	104	>2000
RES1501	2507	>2000	>2000	106	>2000
RES1502	2111	>2000	>2000	63	>2000
RES1503	1902	>2000	>2000	46	>2000
RES1504	1972	>2000	>2000	52	>2000
RES1505	2523	>2000	>2000	108	>2000
RES1506	2232	>2000	>2000	75	>2000
RES1507	2154	>2000	>2000	67	>2000
RES1508	2178	>2000	>2000	70	>2000
RES1509	2058	>2000	>2000	59	>2000
RES1510	2192	>2000	>2000	71	>2000
RES1511	2213	>2000	>2000	73	>2000
RES1512	2564	>2000	>2000	114	>2000
RES1513	1505	>2000	>2000	23	1678
RES1514	1912	>2000	>2000	47	>2000
RES1515	2538	>2000	>2000	110	>2000
RES1516	1944	>2000	>2000	50	>2000
RES1517	1926	>2000	>2000	48	>2000
RES1518	2243	>2000	>2000	76	>2000
RES1519	2591	>2000	>2000	117	>2000
RES1520	1804	>2000	>2000	40	>2000
RES1521	1954	>2000	>2000	50	>2000
RES1522	1993	>2000	>2000	53	>2000
RES1523	2370	>2000	>2000	90	>2000
RES1524	2007	>2000	>2000	55	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1525	2088	>2000	>2000	61	>2000
RES1526	2023	>2000	>2000	56	>2000
RES1527	1787	>2000	>2000	38	>2000
RES1528	2038	>2000	>2000	57	>2000
RES1529	2054	>2000	>2000	58	>2000
RES1530	2388	>2000	>2000	92	>2000
RES1531	2419	>2000	>2000	96	>2000
RES1532	2401	>2000	>2000	93	>2000
RES1533	2117	>2000	>2000	64	>2000
RES1534	2137	>2000	>2000	66	>2000
RES1535	2435	>2000	>2000	97	>2000
RES1536	2155	>2000	>2000	68	>2000
RES1537	2449	>2000	>2000	99	>2000
RES1538	2166	>2000	>2000	69	>2000
RES1539	2507	>2000	>2000	106	>2000
RES1540	2487	>2000	>2000	104	>2000
RES1541	2467	>2000	>2000	101	>2000
RES1542	2555	>2000	>2000	113	>2000
RES1543	2191	>2000	>2000	71	>2000
RES1544	2521	>2000	>2000	108	>2000
RES1545	2209	>2000	>2000	73	>2000
RES1546	1902	>2000	>2000	46	>2000
RES1547	1915	>2000	>2000	47	>2000
RES1548	1936	>2000	>2000	49	>2000
RES1549	2245	>2000	>2000	76	>2000
RES1550	2263	>2000	>2000	78	>2000
RES1551	1958	>2000	>2000	51	>2000
RES1552	1764	>2000	>2000	37	>2000
RES1553	1975	>2000	>2000	52	>2000
RES1554	1995	>2000	>2000	54	>2000
RES1555	2278	>2000	>2000	80	>2000
RES1556	2297	>2000	>2000	82	>2000
RES1557	2338	>2000	>2000	86	>2000
RES1558	2087	>2000	>2000	61	>2000
RES1559	2042	>2000	>2000	57	>2000
RES1560	2013	>2000	>2000	55	>2000
RES1561	2375	>2000	>2000	90	>2000
RES1562	1817	>2000	>2000	40	>2000
RES1563	2349	>2000	>2000	87	>2000
RES1564	1797	>2000	>2000	39	>2000
RES1565	2398	>2000	>2000	93	>2000
RES1566	2102	>2000	>2000	63	>2000
RES1567	1855	>2000	>2000	43	>2000
RES1568	2142	>2000	>2000	66	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1569	2416	>2000	>2000	95	>2000
RES1570	2120	>2000	>2000	64	>2000
RES1571	2436	>2000	>2000	98	>2000
RES1572	2160	>2000	>2000	68	>2000
RES1573	1822	>2000	>2000	41	>2000
RES1574	2179	>2000	>2000	70	>2000
RES1575	2461	>2000	>2000	101	>2000
RES1576	2197	>2000	>2000	72	>2000
RES1577	2216	>2000	>2000	73	>2000
RES1578	1864	>2000	>2000	44	>2000
RES1579	2024	>2000	>2000	56	>2000
RES1580	2235	>2000	>2000	75	>2000
RES1581	1882	>2000	>2000	45	>2000
RES1582	2513	>2000	>2000	107	>2000
RES1583	1905	>2000	>2000	47	>2000
RES1584	2254	>2000	>2000	77	>2000
RES1585	2273	>2000	>2000	79	>2000
RES1586	1918	>2000	>2000	48	>2000
RES1587	1945	>2000	>2000	50	>2000
RES1588	1964	>2000	>2000	51	>2000
RES1589	2330	>2000	>2000	85	>2000
RES1590	1982	>2000	>2000	53	>2000
RES1591	2308	>2000	>2000	83	>2000
RES1592	2350	>2000	>2000	88	>2000
RES1593	2007	>2000	>2000	55	>2000
RES1594	2411	>2000	>2000	95	>2000
RES1595	2453	>2000	>2000	100	>2000
RES1596	2426	>2000	>2000	96	>2000
RES1597	2495	>2000	>2000	105	>2000
RES1598	2472	>2000	>2000	102	>2000
RES1599	2243	>2000	>2000	76	>2000
RES1600	2262	>2000	>2000	78	>2000
RES1601	2283	>2000	>2000	80	>2000
RES1602	2300	>2000	>2000	82	>2000
RES1603	2325	>2000	>2000	85	>2000
RES1604	2343	>2000	>2000	87	>2000
RES1605	2367	>2000	>2000	89	>2000
RES1606	2384	>2000	>2000	91	>2000
RES1607	2258	>2000	>2000	78	>2000
RES1608	2279	>2000	>2000	80	>2000
RES1609	2300	>2000	>2000	82	>2000
RES1610	2321	>2000	>2000	84	>2000
RES1611	2443	>2000	>2000	98	>2000
RES1612	2342	>2000	>2000	87	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1613	2395	>2000	>2000	93	>2000
RES1614	2364	>2000	>2000	89	>2000
RES1615	2432	>2000	>2000	97	>2000
RES1616	2235	>2000	>2000	75	>2000
RES1617	2257	>2000	>2000	78	>2000
RES1618	2312	>2000	>2000	83	>2000
RES1619	2404	>2000	>2000	94	>2000
RES1620	2393	>2000	>2000	92	>2000
RES1621	2292	>2000	>2000	81	>2000
RES1622	2372	>2000	>2000	90	>2000
RES1623	2346	>2000	>2000	87	>2000
RES1624	2324	>2000	>2000	85	>2000
RES1625	2300	>2000	>2000	82	>2000
RES1626	1935	>2000	>2000	49	>2000
RES1627	992	1110	>2000	7	479
RES1628	1515	>2000	>2000	23	1711
RES1629	1206	1641	>2000	12	862
RES1630	2508	>2000	>2000	106	>2000
RES1631	2341	>2000	>2000	87	>2000
RES1632	2342	>2000	>2000	87	>2000
RES1633	1103	1373	>2000	9	660
RES1634	1623	>2000	>2000	29	>2000
RES1635	1970	>2000	>2000	52	>2000
RES1636	956	1031	>2000	6	429
RES1637	1824	>2000	>2000	41	>2000
RES1638	1888	>2000	>2000	45	>2000
RES1639	1060	1268	>2000	8	585
RES1640	3068	>2000	>2000	195	>2000
RES1641	964	1049	>2000	6	441
RES1642	1713	>2000	>2000	34	>2000
RES1643	1062	1274	>2000	8	590
RES1644	634	454	1792	<5	125
RES1645	2364	>2000	>2000	89	>2000
RES1646	1026	1188	>2000	7	531
RES1647	1517	>2000	>2000	24	1718
RES1648	3007	>2000	>2000	184	>2000
RES1649	572	369	1457	<5	92
RES1650	1361	>2000	>2000	17	1240
RES1651	2885	>2000	>2000	162	>2000
RES1652	451	230	908	<1	45
RES1653	1666	>2000	>2000	31	>2000
RES1654	2883	>2000	>2000	162	>2000
RES1655	351	139	549	<1	21
RES1656	1571	>2000	>2000	26	1907

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1657	334	126	496	<1	18
RES1658	2474	>2000	>2000	102	>2000
RES1659	2231	>2000	>2000	75	>2000
RES1660	1979	>2000	>2000	52	>2000
RES1661	291	96	379	<1	12
RES1662	353	141	555	<1	22
RES1663	2825	>2000	>2000	152	>2000
RES1664	1528	>2000	>2000	24	1754
RES1665	477	257	1016	<1	54
RES1666	718	582	>2000	<5	182
RES1667	2349	>2000	>2000	88	>2000
RES1668	1534	>2000	>2000	24	1775
RES1669	1877	>2000	>2000	45	>2000
RES1670	255	74	290	<1	8
RES1671	3235	>2000	>2000	228	>2000
RES1672	2471	>2000	>2000	102	>2000
RES1673	84	8	32	<1	<1
RES1674	3036	>2000	>2000	189	>2000
RES1675	1730	>2000	>2000	35	>2000
RES1676	2631	>2000	>2000	123	>2000
RES1677	92	9	37	<1	<1
RES1678	1895	>2000	>2000	46	>2000
RES1679	1693	>2000	>2000	33	>2000
RES1680	1906	>2000	>2000	47	>2000
RES1681	0	<1 *	<1 *	<1 *	<1 *
RES1682	1950	>2000	>2000	50	>2000
RES1683	1393	>2000	>2000	18	1331
RES1684	714	576	>2000	<5	179
RES1685	295	98	388	<1	13
RES1686	755	643	>2000	<5	212
RES1687	1640	>2000	>2000	30	>2000
RES1688	3063	>2000	>2000	194	>2000
RES1689	1216	1668	>2000	12	883
RES1690	1308	1931	>2000	15	1100
RES1691	806	734	>2000	<5	258
RES1692	2378	>2000	>2000	91	>2000
RES1693	2510	>2000	>2000	107	>2000
RES1694	2734	>2000	>2000	138	>2000
RES1695	42	<5	8	<1	<1
RES1696	82	8	30	<1	<1
RES1697	150	25	100	<1	<5
RES1698	993	1113	>2000	7	482
RES1699	2011	>2000	>2000	55	>2000
RES1700	1902	>2000	>2000	46	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1701	102	12	46	<1	<1
RES1702	1862	>2000	>2000	44	>2000
RES1703	1857	>2000	>2000	43	>2000
RES1704	1804	>2000	>2000	40	>2000
RES1705	1832	>2000	>2000	41	>2000
RES1706	1779	>2000	>2000	38	>2000
RES1707	1819	>2000	>2000	41	>2000
RES1708	1881	>2000	>2000	45	>2000
RES1709	1811	>2000	>2000	40	>2000
RES1710	1768	>2000	>2000	37	>2000
RES1711	809	739	>2000	<5	261
RES1712	1864	>2000	>2000	44	>2000
RES1713	1756	>2000	>2000	37	>2000
RES1714	1797	>2000	>2000	39	>2000
RES1715	1853	>2000	>2000	43	>2000
RES1716	1013	1159	>2000	7	512
RES1717	31	<5	<5	<1	<1
RES1718	1839	>2000	>2000	42	>2000
RES1719	1735	>2000	>2000	35	>2000
RES1720	1957	>2000	>2000	51	>2000
RES1721	1770	>2000	>2000	37	>2000
RES1722	1824	>2000	>2000	41	>2000
RES1723	1438	>2000	>2000	20	1462
RES1724	3041	>2000	>2000	190	>2000
RES1725	1705	>2000	>2000	33	>2000
RES1726	1757	>2000	>2000	37	>2000
RES1727	1584	>2000	>2000	27	1954
RES1728	1919	>2000	>2000	48	>2000
RES1729	1954	>2000	>2000	50	>2000
RES1730	1801	>2000	>2000	39	>2000
RES1731	2008	>2000	>2000	55	>2000
RES1732	1869	>2000	>2000	44	>2000
RES1733	2041	>2000	>2000	57	>2000
RES1734	1732	>2000	>2000	35	>2000
RES1735	1693	>2000	>2000	33	>2000
RES1736	1756	>2000	>2000	37	>2000
RES1737	1674	>2000	>2000	32	>2000
RES1738	1969	>2000	>2000	52	>2000
RES1739	1845	>2000	>2000	42	>2000
RES1740	1357	>2000	>2000	17	1228
RES1741	1474	>2000	>2000	22	1575
RES1742	1941	>2000	>2000	49	>2000
RES1743	1492	>2000	>2000	22	1635
RES1744	1515	>2000	>2000	23	1711

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1745	1995	>2000	>2000	54	>2000
RES1746	875	865	>2000	<5	330
RES1747	1770	>2000	>2000	37	>2000
RES1748	1712	>2000	>2000	34	>2000
RES1749	1737	>2000	>2000	35	>2000
RES1750	86	8	33	<1	<1
RES1751	1680	>2000	>2000	32	>2000
RES1752	1662	>2000	>2000	31	>2000
RES1753	1818	>2000	>2000	41	>2000
RES1754	2010	>2000	>2000	55	>2000
RES1755	1991	>2000	>2000	53	>2000
RES1756	1597	>2000	>2000	27	>2000
RES1757	1541	>2000	>2000	25	1802
RES1758	2047	>2000	>2000	58	>2000
RES1759	1563	>2000	>2000	26	1877
RES1760	1525	>2000	>2000	24	1743
RES1761	1928	>2000	>2000	48	>2000
RES1762	2066	>2000	>2000	60	>2000
RES1763	1569	>2000	>2000	26	1900
RES1764	1501	>2000	>2000	23	1663
RES1765	1818	>2000	>2000	41	>2000
RES1766	1471	>2000	>2000	21	1567
RES1767	1859	>2000	>2000	43	>2000
RES1768	225	57	225	<1	6
RES1769	1997	>2000	>2000	54	>2000
RES1770	1440	>2000	>2000	20	1470
RES1771	1777	>2000	>2000	38	>2000
RES1772	1408	>2000	>2000	19	1374
RES1773	1762	>2000	>2000	37	>2000
RES1774	1721	>2000	>2000	34	>2000
RES1775	1813	>2000	>2000	40	>2000
RES1776	1138	1462	>2000	10	725
RES1777	2044	>2000	>2000	58	>2000
RES1778	1728	>2000	>2000	35	>2000
RES1779	1358	>2000	>2000	17	1231
RES1780	1740	>2000	>2000	36	>2000
RES1781	1682	>2000	>2000	32	>2000
RES1782	1982	>2000	>2000	53	>2000
RES1783	1982	>2000	>2000	53	>2000
RES1784	1607	>2000	>2000	28	>2000
RES1785	1646	>2000	>2000	30	>2000
RES1786	1701	>2000	>2000	33	>2000
RES1787	1565	>2000	>2000	26	1883
RES1788	1979	>2000	>2000	52	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1789	1979	>2000	>2000	52	>2000
RES1790	1544	>2000	>2000	25	1811
RES1791	1526	>2000	>2000	24	1748
RES1792	1848	>2000	>2000	43	>2000
RES1793	1477	>2000	>2000	22	1586
RES1794	1814	>2000	>2000	40	>2000
RES1795	1749	>2000	>2000	36	>2000
RES1796	1425	>2000	>2000	20	1422
RES1797	2047	>2000	>2000	58	>2000
RES1798	1393	>2000	>2000	18	1328
RES1799	1692	>2000	>2000	33	>2000
RES1800	1980	>2000	>2000	52	>2000
RES1801	1274	1832	>2000	14	1017
RES1802	200	45	178	<1	<5
RES1803	456	235	928	<1	47
RES1804	1034	1206	>2000	7	544
RES1805	1564	>2000	>2000	26	1882
RES1806	1488	>2000	>2000	22	1620
RES1807	1513	>2000	>2000	23	1704
RES1808	1435	>2000	>2000	20	1454
RES1809	1456	>2000	>2000	21	1519
RES1810	1380	>2000	>2000	18	1292
RES1811	1114	1401	>2000	9	680
RES1812	1295	1894	>2000	15	1069
RES1813	1892	>2000	>2000	46	>2000
RES1814	1958	>2000	>2000	51	>2000
RES1815	2089	>2000	>2000	61	>2000
RES1816	1698	>2000	>2000	33	>2000
RES1817	1549	>2000	>2000	25	1828
RES1818	2185	>2000	>2000	70	>2000
RES1819	1245	1750	>2000	13	950
RES1820	1665	>2000	>2000	31	>2000
RES1821	0	<1 *	<1 *	<1 *	<1 *
RES1822	1294	1891 *	>2000 *	15 *	1067 *
RES1823	1721	>2000	>2000	34	>2000
RES1824	1351	>2000	>2000	17	1214
RES1825	1392	>2000	>2000	18	1327
RES1826	1448	>2000	>2000	20	1494
RES1827	1694	>2000	>2000	33	>2000
RES1828	1989	>2000	>2000	53	>2000
RES1829	495	277	1092	<1	60
RES1830	1948	>2000	>2000	50	>2000
RES1831	1809	>2000	>2000	40	>2000
RES1832	2374	>2000	>2000	90	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1833	1681	>2000	>2000	32	>2000
RES1834	454	232	917	<1	46
RES1835	1604	>2000	>2000	28	>2000
RES1836	124	17	68	<1	<1
RES1837	235	62	245	<1	6
RES1838	350	138	546	<1	21
RES1839	1732	>2000	>2000	35	>2000
RES1840	643	466	1841	<5	131
RES1841	2646	>2000	>2000	125	>2000
RES1842	2362	>2000	>2000	89	>2000
RES1843	2918	>2000	>2000	168	>2000
RES1844	2136	>2000	>2000	66	>2000
RES1845	1996	>2000	>2000	54	>2000
RES1846	1006	1142	>2000	7	501
RES1847	961	1043	>2000	6	437
RES1848	3261	>2000	>2000	234	>2000
RES1849	2623	>2000	>2000	122	>2000
RES1850	1602	>2000	>2000	28	>2000
RES1851	4422	>2000	>2000	583	>2000
RES1852	2097	>2000	>2000	62	>2000
RES1853	1398	>2000	>2000	18	1344
RES1854	2088	>2000	>2000	61	>2000
RES1855	4779	>2000	>2000	736	>2000
RES1856	3105	>2000	>2000	202	>2000
RES1857	3026	>2000	>2000	187	>2000
RES1858	3610	>2000	>2000	317	>2000
RES1859	3273	>2000	>2000	237	>2000
RES1860	1642	>2000	>2000	30	>2000
RES1861	3770	>2000	>2000	362	>2000
RES1862	1786	>2000	>2000	38	>2000
RES1863	3277	>2000	>2000	237	>2000
RES1864	1877	>2000	>2000	45	>2000
RES1865	3598	>2000	>2000	314	>2000
RES1866	1990	>2000	>2000	53	>2000
RES1867	3917	>2000	>2000	406	>2000
RES1868	2074	>2000	>2000	60	>2000
RES1869	4804	>2000	>2000	748	>2000
RES1870	2179	>2000	>2000	70	>2000
RES1871	2299	>2000	>2000	82	>2000
RES1872	3354	>2000	>2000	255	>2000
RES1873	3707	>2000	>2000	344	>2000
RES1874	4640	>2000	>2000	674	>2000
RES1875	2588	>2000	>2000	117	>2000
RES1876	2687	>2000	>2000	131	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1877	3206	>2000	>2000	222	>2000
RES1878	4433	>2000	>2000	588	>2000
RES1879	4462	>2000	>2000	599	>2000
RES1880	3262	>2000	>2000	234	>2000
RES1881	3160	>2000	>2000	213	>2000
RES1882	4385	>2000	>2000	569	>2000
RES1883	3958	>2000	>2000	418	>2000
RES1884	4376	>2000	>2000	566	>2000
RES1885	3541	>2000	>2000	300	>2000
RES1886	3629	>2000	>2000	323	>2000
RES1887	3470	>2000	>2000	282	>2000
RES1888	4458	>2000	>2000	598	>2000
RES1889	3593	>2000	>2000	313	>2000
RES1890	3085	>2000	>2000	198	>2000
RES1891	3760	>2000	>2000	359	>2000
RES1892	3945	>2000	>2000	414	>2000
RES1893	3510	>2000	>2000	292	>2000
RES1894	2772	>2000	>2000	144	>2000
RES1895	2787	>2000	>2000	146	>2000
RES1896	2643	>2000	>2000	125	>2000
RES1897	3870	>2000	>2000	391	>2000
RES1898	2512	>2000	>2000	107	>2000
RES1899	2504	>2000	>2000	106	>2000
RES1900	4397	>2000	>2000	574	>2000
RES1901	4397	>2000	>2000	574	>2000
RES1902	1976	>2000	>2000	52	>2000
RES1903	2110	>2000	>2000	63	>2000
RES1904	2637	>2000	>2000	124	>2000
RES1905	2338	>2000	>2000	86	>2000
RES1906	1837	>2000	>2000	42	>2000
RES1907	3768	>2000	>2000	361	>2000
RES1908	3439	>2000	>2000	275	>2000
RES1909	2037	>2000	>2000	57	>2000
RES1910	1739	>2000	>2000	35	>2000
RES1911	1925	>2000	>2000	48	>2000
RES1912	1477	>2000	>2000	22	1584
RES1913	1966	>2000	>2000	51	>2000
RES1914	2754	>2000	>2000	141	>2000
RES1915	1573	>2000	>2000	26	1914
RES1916	1746	>2000	>2000	36	>2000
RES1917	1035	1209	>2000	7	545
RES1918	976	1074	>2000	6	457
RES1919	901	915	>2000	<5	359
RES1920	1416	>2000	>2000	19	1397

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1921	928	971	>2000	5	393
RES1922	863	840	>2000	<5	316
RES1923	955	1030	>2000	6	429
RES1924	763	657	>2000	<5	219
RES1925	1991	>2000	>2000	53	>2000
RES1926	1372	>2000	>2000	17	1270
RES1927	1625	>2000	>2000	29	>2000
RES1928	1309	1935	>2000	15	1104
RES1929	1709	>2000	>2000	34	>2000
RES1930	940	998	>2000	6	409
RES1931	1155	1505	>2000	10	758
RES1932	2273	>2000	>2000	79	>2000
RES1933	1307	1927	>2000	15	1098
RES1934	1534	>2000	>2000	24	1776
RES1935	1223	1688	>2000	12	900
RES1936	1101	1367	>2000	9	656
RES1937	1176	1561	>2000	11	800
RES1938	1654	>2000	>2000	31	>2000
RES1939	1561	>2000	>2000	26	1870
RES1940	899	912	>2000	<5	357
RES1941	2048	>2000	>2000	58	>2000
RES1942	477	257	1014	<1	53
RES1943	873	860	>2000	<5	327
RES1944	1071	1295	>2000	8	605
RES1945	179	36	143	<1	<5
RES1946	382	165	650	<1	27
RES1947	396	177	697	<1	30
RES1948	1410	>2000	>2000	19	1378
RES1949	1462	>2000	>2000	21	1537
RES1950	147	24	96	<1	<5
RES1951	2034	>2000	>2000	57	>2000
RES1952	1037	1215	>2000	8	549
RES1953	1461	>2000	>2000	21	1535
RES1954	1177	1565	>2000	11	803
RES1955	1899	>2000	>2000	46	>2000
RES1956	983	1091	>2000	6	467
RES1957	555	348	1375	<5	84
RES1958	921	958	>2000	5	384
RES1959	1328	1991	>2000	16	1152
RES1960	1233	1715	>2000	13	921
RES1961	1757	>2000	>2000	37	>2000
RES1962	1765	>2000	>2000	37	>2000
RES1963	2096	>2000	>2000	62	>2000
RES1964	1735	>2000	>2000	35	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES1965	1431	>2000	>2000	20	1440
RES1966	1247	1756	>2000	13	955
RES1967	1629	>2000	>2000	29	>2000
RES1968	1117	1408	>2000	9	686
RES1969	468	247	975	<1	50
RES1970	1716	>2000	>2000	34	>2000
RES1971	1131	1444	>2000	10	712
RES1972	1561	>2000	>2000	26	1871
RES1973	1356	>2000	>2000	17	1226
RES1974	1506	>2000	>2000	23	1680
RES1975	329	122	482	<1	17
RES1976	641	463	1829	<5	129
RES1977	1815	>2000	>2000	40	>2000
RES1978	745	627	>2000	<5	204
RES1979	1392	>2000	>2000	18	1328
RES1980	1352	>2000	>2000	17	1214
RES1981	1573	>2000	>2000	26	1915
RES1982	1427	>2000	>2000	20	1430
RES1983	308	107	424	<1	14
RES1984	810	741	>2000	<5	261
RES1985	1937	>2000	>2000	49	>2000
RES1986	1774	>2000	>2000	38	>2000
RES1987	734	607	>2000	<5	194
RES1988	1590	>2000	>2000	27	1978
RES1989	1791	>2000	>2000	39	>2000
RES1990	286	93	366	<1	12
RES1991	190	41	160	<1	<5
RES1992	1168	1541	>2000	11	784
RES1993	1555	>2000	>2000	25	1849
RES1994	928	972	>2000	5	393
RES1995	0	<1	<1	<1	<1
RES1996	1503	>2000 *	>2000 *	23 *	1671 *
RES1997	356	143	565	<1	22
RES1998	1000	1128	>2000	7	491
RES1999	1917	>2000	>2000	48	>2000
RES2000	280	89	349	<1	11
RES2001	66	<5	19	<1	<1
RES2002	1721	>2000	>2000	34	>2000
RES2003	1686	>2000	>2000	32	>2000
RES2004	1284	1862	>2000	14	1042
RES2005	1283	1857	>2000	14	1038
RES2006	1239	1733	>2000	13	936
RES2007	1168	1541	>2000	11	784
RES2008	1065	1279	>2000	8	593

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2009	1234	1719	>2000	13	924
RES2010	1158	1513	>2000	10	763
RES2011	138	21	84	<1	<5
RES2012	1135	1453	>2000	10	718
RES2013	1488	>2000	>2000	22	1621
RES2014	1208	1648	>2000	12	867
RES2015	251	71	280	<1	8
RES2016	1205	1640	>2000	12	861
RES2017	1136	1456	>2000	10	721
RES2018	956	1032	>2000	6	430
RES2019	785	696	>2000	<5	238
RES2020	1109	1389	>2000	9	672
RES2021	1198	1620	>2000	12	846
RES2022	1147	1486	>2000	10	743
RES2023	1235	1722	>2000	13	927
RES2024	1117	1409	>2000	9	686
RES2025	2247	>2000	>2000	77	>2000
RES2026	227	58	230	<1	6
RES2027	1024	1183	>2000	7	527
RES2028	1086	1331	>2000	9	630
RES2029	1143	1475	>2000	10	735
RES2030	938	993	>2000	6	406
RES2031	1395	>2000	>2000	18	1334
RES2032	1474	>2000	>2000	22	1574
RES2033	1235	1722	>2000	13	927
RES2034	1060	1268	>2000	8	585
RES2035	1502	>2000	>2000	23	1667
RES2036	1178	1566	>2000	11	803
RES2037	886	887	>2000	<5	342
RES2038	1301	1909	>2000	15	1082
RES2039	1411	>2000	>2000	19	1381
RES2040	946	1011	>2000	6	417
RES2041	1249	1762	>2000	13	959
RES2042	1517	>2000	>2000	24	1717
RES2043	1100	1366	>2000	9	655
RES2044	1409	>2000	>2000	19	1377
RES2045	1118	1410	>2000	9	687
RES2046	787	698	>2000	<5	239
RES2047	943	1004	>2000	6	413
RES2048	1478	>2000	>2000	22	1588
RES2049	1022	1178	>2000	7	525
RES2050	1400	>2000	>2000	19	1350
RES2051	3892	>2000	>2000	398	>2000
RES2052	1410	>2000	>2000	19	1380

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2053	1348	>2000	>2000	17	1205
RES2054	1442	>2000	>2000	20	1474
RES2055	819	757	>2000	<5	270
RES2056	1405	>2000	>2000	19	1363
RES2057	734	609	>2000	<5	195
RES2058	1353	>2000	>2000	17	1219
RES2059	786	698	>2000	<5	239
RES2060	1025	1186	>2000	7	530
RES2061	958	1036	>2000	6	432
RES2062	3409	>2000	>2000	267	>2000
RES2063	159	29	113	<1	<5
RES2064	1040	1222	>2000	8	554
RES2065	685	530	>2000	<5	158
RES2066	970	1061	>2000	6	449
RES2067	1355	>2000	>2000	17	1224
RES2068	736	611	>2000	<5	196
RES2069	1315	1953	>2000	15	1119
RES2070	1039	1219	>2000	8	552
RES2071	950	1019	>2000	6	422
RES2072	186	39	153	<1	<5
RES2073	1397	>2000	>2000	18	1341
RES2074	1190	1598	>2000	11	829
RES2075	773	674	>2000	<5	227
RES2076	1066	1282	>2000	8	595
RES2077	1323	1977	>2000	16	1140
RES2078	1271	1823	>2000	14	1009
RES2079	951	1020	>2000	6	423
RES2080	600	406	1602	<5	106
RES2081	1198	1621	>2000	12	847
RES2082	1396	>2000	>2000	18	1337
RES2083	1137	1459	>2000	10	722
RES2084	990	1107	>2000	7	478
RES2085	1510	>2000	>2000	23	1692
RES2086	1038	1216	>2000	8	550
RES2087	780	687	>2000	<5	234
RES2088	1091	1343	>2000	9	638
RES2089	927	970	>2000	5	392
RES2090	609	418	1651	<5	111
RES2091	827	773	>2000	<5	278
RES2092	1269	1817	>2000	14	1004
RES2093	620	434	1713	<5	117
RES2094	1174	1555	>2000	11	795
RES2095	1505	>2000	>2000	23	1677
RES2096	1353	>2000	>2000	17	1217

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2097	713	573	>2000	<5	178
RES2098	633	453	1787	<5	125
RES2099	1076	1306	>2000	8	612
RES2100	3276	>2000	>2000	237	>2000
RES2101	977	1077	>2000	6	458
RES2102	895	904	>2000	<5	353
RES2103	1420	>2000	>2000	19	1409
RES2104	661	494	1950	<5	142
RES2105	2786	>2000	>2000	146	>2000
RES2106	3123	>2000	>2000	205	>2000
RES2107	856	827	>2000	<5	309
RES2108	739	616	>2000	<5	198
RES2109	3041	>2000	>2000	190	>2000
RES2110	733	606	>2000	<5	193
RES2111	1351	>2000	>2000	17	1214
RES2112	369	154	608	<1	25
RES2113	1747	>2000	>2000	36	>2000
RES2114	3218	>2000	>2000	225	>2000
RES2115	766	663	>2000	<5	221
RES2116	3014	>2000	>2000	185	>2000
RES2117	2873	>2000	>2000	160	>2000
RES2118	710	569	>2000	<5	176
RES2119	589	391	1543	<5	100
RES2120	1234	1719	>2000	13	924
RES2121	2795	>2000	>2000	147	>2000
RES2122	808	737	>2000	<5	259
RES2123	1899	>2000	>2000	46	>2000
RES2124	1166	1533	>2000	11	779
RES2125	1788	>2000	>2000	39	>2000
RES2126	1198	1619	>2000	12	845
RES2127	1113	1398	>2000	9	678
RES2128	1631	>2000	>2000	29	>2000
RES2129	5816	>2000	>2000	1327	>2000
RES2130	5903	>2000	>2000	1388	>2000
RES2131	4927	>2000	>2000	807	>2000
RES2132	3826	>2000	>2000	378	>2000
RES2133	3457	>2000	>2000	279	>2000
RES2134	1810	>2000	>2000	40	>2000
RES2135	1357	>2000	>2000	17	1229
RES2136	2159	>2000	>2000	68	>2000
RES2137	3244	>2000	>2000	230	>2000
RES2138	3205	>2000	>2000	222	>2000
RES2139	5286	>2000	>2000	997	>2000
RES2140	5592	>2000	>2000	1180	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2141	5585	>2000	>2000	1176	>2000
RES2142	5547	>2000	>2000	1152	>2000
RES2143	5000	>2000	>2000	843	>2000
RES2144	5510	>2000	>2000	1129	>2000
RES2145	5633	>2000	>2000	1206	>2000
RES2146	5672	>2000	>2000	1231	>2000
RES2147	5728	>2000	>2000	1268	>2000
RES2148	5764	>2000	>2000	1292	>2000
RES2149	5852	>2000	>2000	1352	>2000
RES2150	5014	>2000	>2000	851	>2000
RES2151	5692	>2000	>2000	1244	>2000
RES2152	5668	>2000	>2000	1229	>2000
RES2153	5874	>2000	>2000	1367	>2000
RES2154	5605	>2000	>2000	1188	>2000
RES2155	5640	>2000	>2000	1211	>2000
RES2156	5966	>2000	>2000	1433	>2000
RES2157	4942	>2000	>2000	814	>2000
RES2158	5741	>2000	>2000	1277	>2000
RES2159	6015	>2000	>2000	1469	>2000
RES2160	5379	>2000	>2000	1050	>2000
RES2161	5813	>2000	>2000	1325	>2000
RES2162	5782	>2000	>2000	1305	>2000
RES2163	6131	>2000	>2000	1555	>2000
RES2164	5882	>2000	>2000	1373	>2000
RES2165	5719	>2000	>2000	1262	>2000
RES2166	5602	>2000	>2000	1186	>2000
RES2167	6109	>2000	>2000	1539	>2000
RES2168	6048	>2000	>2000	1493	>2000
RES2169	5692	>2000	>2000	1244	>2000
RES2170	5912	>2000	>2000	1395	>2000
RES2171	2035	>2000	>2000	57	>2000
RES2172	6129	>2000	>2000	1554	>2000
RES2173	6045	>2000	>2000	1491	>2000
RES2174	5670	>2000	>2000	1230	>2000
RES2175	5936	>2000	>2000	1411	>2000
RES2176	5873	>2000	>2000	1367	>2000
RES2177	5845	>2000	>2000	1348	>2000
RES2178	6086	>2000	>2000	1521	>2000
RES2179	6141	>2000	>2000	1563	>2000
RES2180	5650	>2000	>2000	1217	>2000
RES2181	5956	>2000	>2000	1426	>2000
RES2182	5810	>2000	>2000	1323	>2000
RES2183	2145	>2000	>2000	67	>2000
RES2184	5785	>2000	>2000	1306	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2185	6087	>2000	>2000	1522	>2000
RES2186	5974	>2000	>2000	1439	>2000
RES2187	5912	>2000	>2000	1394	>2000
RES2188	5726	>2000	>2000	1267	>2000
RES2189	6130	>2000	>2000	1554	>2000
RES2190	4945	>2000	>2000	816	>2000
RES2191	5886	>2000	>2000	1376	>2000
RES2192	2598	>2000	>2000	118	>2000
RES2193	5996	>2000	>2000	1454	>2000
RES2194	5848	>2000	>2000	1349	>2000
RES2195	5688	>2000	>2000	1242	>2000
RES2196	6126	>2000	>2000	1551	>2000
RES2197	5829	>2000	>2000	1337	>2000
RES2198	6014	>2000	>2000	1468	>2000
RES2199	5788	>2000	>2000	1309	>2000
RES2200	5945	>2000	>2000	1418	>2000
RES2201	2320	>2000	>2000	84	>2000
RES2202	4896	>2000	>2000	792	>2000
RES2203	5771	>2000	>2000	1297	>2000
RES2204	5731	>2000	>2000	1270	>2000
RES2205	3923	>2000	>2000	408	>2000
RES2206	6046	>2000	>2000	1491	>2000
RES2207	4811	>2000	>2000	751	>2000
RES2208	5853	>2000	>2000	1353	>2000
RES2209	4945	>2000	>2000	816	>2000
RES2210	4753	>2000	>2000	725	>2000
RES2211	4890	>2000	>2000	789	>2000
RES2212	5003	>2000	>2000	845	>2000
RES2213	4789	>2000	>2000	741	>2000
RES2214	4939	>2000	>2000	813	>2000
RES2215	4445	>2000	>2000	592	>2000
RES2216	4858	>2000	>2000	774	>2000
RES2217	5037	>2000	>2000	862	>2000
RES2218	4635	>2000	>2000	672	>2000
RES2219	4973	>2000	>2000	830	>2000
RES2220	4878	>2000	>2000	783	>2000
RES2221	5073	>2000	>2000	881	>2000
RES2222	3990	>2000	>2000	429	>2000
RES2223	5707	>2000	>2000	1255	>2000
RES2224	4335	>2000	>2000	550	>2000
RES2225	4879	>2000	>2000	784	>2000
RES2226	5016	>2000	>2000	852	>2000
RES2227	5041	>2000	>2000	864	>2000
RES2228	4304	>2000	>2000	538	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2229	2772	>2000	>2000	144	>2000
RES2230	4912	>2000	>2000	800	>2000
RES2231	5164	>2000	>2000	929	>2000
RES2232	2830	>2000	>2000	153	>2000
RES2233	4932	>2000	>2000	809	>2000
RES2234	2802	>2000	>2000	148	>2000
RES2235	4769	>2000	>2000	732	>2000
RES2236	5139	>2000	>2000	916	>2000
RES2237	5087	>2000	>2000	888	>2000
RES2238	2803	>2000	>2000	149	>2000
RES2239	2853	>2000	>2000	157	>2000
RES2240	2893	>2000	>2000	163	>2000
RES2241	4967	>2000	>2000	827	>2000
RES2242	5172	>2000	>2000	934	>2000
RES2243	2915	>2000	>2000	167	>2000
RES2244	2824	>2000	>2000	152	>2000
RES2245	2827	>2000	>2000	152	>2000
RES2246	2894	>2000	>2000	164	>2000
RES2247	3474	>2000	>2000	283	>2000
RES2248	2836	>2000	>2000	154	>2000
RES2249	2897	>2000	>2000	164	>2000
RES2250	5233	>2000	>2000	967	>2000
RES2251	2843	>2000	>2000	155	>2000
RES2252	2902	>2000	>2000	165	>2000
RES2253	5138	>2000	>2000	915	>2000
RES2254	2949	>2000	>2000	173	>2000
RES2255	5259	>2000	>2000	982	>2000
RES2256	2912	>2000	>2000	167	>2000
RES2257	5176	>2000	>2000	936	>2000
RES2258	2865	>2000	>2000	159	>2000
RES2259	2873	>2000	>2000	160	>2000
RES2260	5891	>2000	>2000	1379	>2000
RES2261	2955	>2000	>2000	174	>2000
RES2262	5663	>2000	>2000	1226	>2000
RES2263	5855	>2000	>2000	1355	>2000
RES2264	2924	>2000	>2000	169	>2000
RES2265	2873	>2000	>2000	160	>2000
RES2266	5805	>2000	>2000	1320	>2000
RES2267	3509	>2000	>2000	291	>2000
RES2268	5773	>2000	>2000	1299	>2000
RES2269	2878	>2000	>2000	161	>2000
RES2270	2931	>2000	>2000	170	>2000
RES2271	2972	>2000	>2000	177	>2000
RES2272	5730	>2000	>2000	1270	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2273	5653	>2000	>2000	1219	>2000
RES2274	3011	>2000	>2000	184	>2000
RES2275	5312	>2000	>2000	1012	>2000
RES2276	2973	>2000	>2000	177	>2000
RES2277	2893	>2000	>2000	163	>2000
RES2278	5219	>2000	>2000	959	>2000
RES2279	3616	>2000	>2000	319	>2000
RES2280	2951	>2000	>2000	173	>2000
RES2281	2898	>2000	>2000	164	>2000
RES2282	2987	>2000	>2000	180	>2000
RES2283	3042	>2000	>2000	190	>2000
RES2284	5692	>2000	>2000	1244	>2000
RES2285	2906	>2000	>2000	166	>2000
RES2286	2962	>2000	>2000	175	>2000
RES2287	2993	>2000	>2000	181	>2000
RES2288	2960	>2000	>2000	175	>2000
RES2289	5124	>2000	>2000	908	>2000
RES2290	5256	>2000	>2000	980	>2000
RES2291	2914	>2000	>2000	167	>2000
RES2292	3036	>2000	>2000	189	>2000
RES2293	5323	>2000	>2000	1018	>2000
RES2294	2972	>2000	>2000	177	>2000
RES2295	2922	>2000	>2000	168	>2000
RES2296	3008	>2000	>2000	184	>2000
RES2297	2930	>2000	>2000	170	>2000
RES2298	5701	>2000	>2000	1250	>2000
RES2299	2984	>2000	>2000	179	>2000
RES2300	5273	>2000	>2000	989	>2000
RES2301	2939	>2000	>2000	171	>2000
RES2302	3079	>2000	>2000	197	>2000
RES2303	3022	>2000	>2000	186	>2000
RES2304	3108	>2000	>2000	203	>2000
RES2305	3039	>2000	>2000	189	>2000
RES2306	3003	>2000	>2000	183	>2000
RES2307	3087	>2000	>2000	198	>2000
RES2308	3005	>2000	>2000	183	>2000
RES2309	2903	>2000	>2000	165	>2000
RES2310	3135	>2000	>2000	208	>2000
RES2311	2961	>2000	>2000	175	>2000
RES2312	3094	>2000	>2000	200	>2000
RES2313	3013	>2000	>2000	184	>2000
RES2314	2971	>2000	>2000	177	>2000
RES2315	5410	>2000	>2000	1069	>2000
RES2316	4205	>2000	>2000	502	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2317	2969	>2000	>2000	177	>2000
RES2318	3059	>2000	>2000	193	>2000
RES2319	3104	>2000	>2000	202	>2000
RES2320	3024	>2000	>2000	187	>2000
RES2321	3097	>2000	>2000	200	>2000
RES2322	5316	>2000	>2000	1013	>2000
RES2323	3032	>2000	>2000	188	>2000
RES2324	3184	>2000	>2000	218	>2000
RES2325	3090	>2000	>2000	199	>2000
RES2326	3037	>2000	>2000	189	>2000
RES2327	2994	>2000	>2000	181	>2000
RES2328	3067	>2000	>2000	195	>2000
RES2329	3118	>2000	>2000	204	>2000
RES2330	3147	>2000	>2000	210	>2000
RES2331	3174	>2000	>2000	216	>2000
RES2332	3116	>2000	>2000	204	>2000
RES2333	3030	>2000	>2000	188	>2000
RES2334	3048	>2000	>2000	191	>2000
RES2335	3043	>2000	>2000	190	>2000
RES2336	3093	>2000	>2000	200	>2000
RES2337	5433	>2000	>2000	1082	>2000
RES2338	3209	>2000	>2000	223	>2000
RES2339	3085	>2000	>2000	198	>2000
RES2340	2981	>2000	>2000	179	>2000
RES2341	3083	>2000	>2000	198	>2000
RES2342	3026	>2000	>2000	187	>2000
RES2343	3993	>2000	>2000	430	>2000
RES2344	3132	>2000	>2000	207	>2000
RES2345	3172	>2000	>2000	215	>2000
RES2346	5391	>2000	>2000	1057	>2000
RES2347	3031	>2000	>2000	188	>2000
RES2348	3160	>2000	>2000	213	>2000
RES2349	3003	>2000	>2000	183	>2000
RES2350	3036	>2000	>2000	189	>2000
RES2351	3242	>2000	>2000	230	>2000
RES2352	3103	>2000	>2000	202	>2000
RES2353	3133	>2000	>2000	207	>2000
RES2354	3071	>2000	>2000	195	>2000
RES2355	3053	>2000	>2000	192	>2000
RES2356	5486	>2000	>2000	1114	>2000
RES2357	3043	>2000	>2000	190	>2000
RES2358	3161	>2000	>2000	213	>2000
RES2359	3026	>2000	>2000	187	>2000
RES2360	3239	>2000	>2000	229	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2361	3112	>2000	>2000	203	>2000
RES2362	5025	>2000	>2000	856	>2000
RES2363	3237	>2000	>2000	229	>2000
RES2364	3099	>2000	>2000	201	>2000
RES2365	3270	>2000	>2000	236	>2000
RES2366	5422	>2000	>2000	1076	>2000
RES2367	3080	>2000	>2000	197	>2000
RES2368	3160	>2000	>2000	213	>2000
RES2369	3121	>2000	>2000	205	>2000
RES2370	3188	>2000	>2000	219	>2000
RES2371	3086	>2000	>2000	198	>2000
RES2372	3071	>2000	>2000	195	>2000
RES2373	3245	>2000	>2000	231	>2000
RES2374	3130	>2000	>2000	207	>2000
RES2375	3079	>2000	>2000	197	>2000
RES2376	3298	>2000	>2000	242	>2000
RES2377	3185	>2000	>2000	218	>2000
RES2378	3091	>2000	>2000	199	>2000
RES2379	3108	>2000	>2000	203	>2000
RES2380	3096	>2000	>2000	200	>2000
RES2381	3099	>2000	>2000	201	>2000
RES2382	3251	>2000	>2000	232	>2000
RES2383	3167	>2000	>2000	214	>2000
RES2384	3072	>2000	>2000	196	>2000
RES2385	3212	>2000	>2000	224	>2000
RES2386	3248	>2000	>2000	231	>2000
RES2387	3086	>2000	>2000	198	>2000
RES2388	5448	>2000	>2000	1091	>2000
RES2389	3090	>2000	>2000	199	>2000
RES2390	3208	>2000	>2000	223	>2000
RES2391	3325	>2000	>2000	248	>2000
RES2392	3257	>2000	>2000	233	>2000
RES2393	3137	>2000	>2000	208	>2000
RES2394	3299	>2000	>2000	242	>2000
RES2395	3199	>2000	>2000	221	>2000
RES2396	3239	>2000	>2000	229	>2000
RES2397	3183	>2000	>2000	218	>2000
RES2398	3108	>2000	>2000	203	>2000
RES2399	3115	>2000	>2000	204	>2000
RES2400	4187	>2000	>2000	495	>2000
RES2401	5528	>2000	>2000	1140	>2000
RES2402	3303	>2000	>2000	243	>2000
RES2403	3150	>2000	>2000	211	>2000
RES2404	3242	>2000	>2000	230	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2405	3149	>2000	>2000	211	>2000
RES2406	3142	>2000	>2000	209	>2000
RES2407	3148	>2000	>2000	210	>2000
RES2408	3130	>2000	>2000	207	>2000
RES2409	3139	>2000	>2000	209	>2000
RES2410	3148	>2000	>2000	211	>2000
RES2411	3287	>2000	>2000	240	>2000
RES2412	3212	>2000	>2000	224	>2000
RES2413	3268	>2000	>2000	236	>2000
RES2414	3361	>2000	>2000	256	>2000
RES2415	3564	>2000	>2000	305	>2000
RES2416	3597	>2000	>2000	314	>2000
RES2417	3156	>2000	>2000	212	>2000
RES2418	3264	>2000	>2000	235	>2000
RES2419	3544	>2000	>2000	300	>2000
RES2420	3154	>2000	>2000	212	>2000
RES2421	3240	>2000	>2000	229	>2000
RES2422	3146	>2000	>2000	210	>2000
RES2423	3145	>2000	>2000	210	>2000
RES2424	3327	>2000	>2000	248	>2000
RES2425	3295	>2000	>2000	241	>2000
RES2426	3243	>2000	>2000	230	>2000
RES2427	3394	>2000	>2000	264	>2000
RES2428	3176	>2000	>2000	216	>2000
RES2429	3161	>2000	>2000	213	>2000
RES2430	3332	>2000	>2000	250	>2000
RES2431	3375	>2000	>2000	259	>2000
RES2432	3290	>2000	>2000	240	>2000
RES2433	3318	>2000	>2000	246	>2000
RES2434	3205	>2000	>2000	222	>2000
RES2435	3381	>2000	>2000	261	>2000
RES2436	3203	>2000	>2000	222	>2000
RES2437	3229	>2000	>2000	227	>2000
RES2438	3640	>2000	>2000	325	>2000
RES2439	3226	>2000	>2000	226	>2000
RES2440	3225	>2000	>2000	226	>2000
RES2441	3315	>2000	>2000	246	>2000
RES2442	3197	>2000	>2000	220	>2000
RES2443	3587	>2000	>2000	312	>2000
RES2444	3229	>2000	>2000	227	>2000
RES2445	3225	>2000	>2000	226	>2000
RES2446	3229	>2000	>2000	227	>2000
RES2447	3375	>2000	>2000	260	>2000
RES2448	3341	>2000	>2000	252	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2449	3397	>2000	>2000	265	>2000
RES2450	3448	>2000	>2000	277	>2000
RES2451	3342	>2000	>2000	252	>2000
RES2452	3230	>2000	>2000	227	>2000
RES2453	3435	>2000	>2000	273	>2000
RES2454	3368	>2000	>2000	258	>2000
RES2455	3406	>2000	>2000	267	>2000
RES2456	3273	>2000	>2000	237	>2000
RES2457	3279	>2000	>2000	238	>2000
RES2458	3245	>2000	>2000	231	>2000
RES2459	3279	>2000	>2000	238	>2000
RES2460	3644	>2000	>2000	327	>2000
RES2461	3365	>2000	>2000	257	>2000
RES2462	3480	>2000	>2000	284	>2000
RES2463	3691	>2000	>2000	339	>2000
RES2464	3278	>2000	>2000	238	>2000
RES2465	3665	>2000	>2000	332	>2000
RES2466	3278	>2000	>2000	238	>2000
RES2467	3273	>2000	>2000	237	>2000
RES2468	3449	>2000	>2000	277	>2000
RES2469	3273	>2000	>2000	237	>2000
RES2470	3279	>2000	>2000	238	>2000
RES2471	3398	>2000	>2000	265	>2000
RES2472	3588	>2000	>2000	312	>2000
RES2473	3447	>2000	>2000	276	>2000
RES2474	3603	>2000	>2000	316	>2000
RES2475	3434	>2000	>2000	273	>2000
RES2476	3569	>2000	>2000	307	>2000
RES2477	3537	>2000	>2000	298	>2000
RES2478	3654	>2000	>2000	329	>2000
RES2479	3281	>2000	>2000	238	>2000
RES2480	3391	>2000	>2000	263	>2000
RES2481	3592	>2000	>2000	313	>2000
RES2482	3285	>2000	>2000	239	>2000
RES2483	3284	>2000	>2000	239	>2000
RES2484	3508	>2000	>2000	291	>2000
RES2485	3719	>2000	>2000	347	>2000
RES2486	3426	>2000	>2000	271	>2000
RES2487	3494	>2000	>2000	288	>2000
RES2488	3587	>2000	>2000	311	>2000
RES2489	3715	>2000	>2000	346	>2000
RES2490	3323	>2000	>2000	248	>2000
RES2491	3426	>2000	>2000	271	>2000
RES2492	3538	>2000	>2000	299	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2493	3566	>2000	>2000	306	>2000
RES2494	3521	>2000	>2000	295	>2000
RES2495	3754	>2000	>2000	357	>2000
RES2496	3486	>2000	>2000	286	>2000
RES2497	3389	>2000	>2000	263	>2000
RES2498	3720	>2000	>2000	347	>2000
RES2499	3365	>2000	>2000	257	>2000
RES2500	3668	>2000	>2000	333	>2000
RES2501	3365	>2000	>2000	257	>2000
RES2502	3593	>2000	>2000	313	>2000
RES2503	3364	>2000	>2000	257	>2000
RES2504	3685	>2000	>2000	338	>2000
RES2505	3364	>2000	>2000	257	>2000
RES2506	3356	>2000	>2000	255	>2000
RES2507	3657	>2000	>2000	330	>2000
RES2508	3364	>2000	>2000	257	>2000
RES2509	3364	>2000	>2000	257	>2000
RES2510	3567	>2000	>2000	306	>2000
RES2511	3720	>2000	>2000	347	>2000
RES2512	3553	>2000	>2000	303	>2000
RES2513	3620	>2000	>2000	320	>2000
RES2514	3787	>2000	>2000	366	>2000
RES2515	3357	>2000	>2000	255	>2000
RES2516	3522	>2000	>2000	295	>2000
RES2517	3365	>2000	>2000	257	>2000
RES2518	3502	>2000	>2000	290	>2000
RES2519	3367	>2000	>2000	257	>2000
RES2520	3653	>2000	>2000	329	>2000
RES2521	3503	>2000	>2000	290	>2000
RES2522	3772	>2000	>2000	362	>2000
RES2523	3598	>2000	>2000	314	>2000
RES2524	3496	>2000	>2000	288	>2000
RES2525	3504	>2000	>2000	290	>2000
RES2526	3413	>2000	>2000	268	>2000
RES2527	3582	>2000	>2000	310	>2000
RES2528	3814	>2000	>2000	374	>2000
RES2529	3409	>2000	>2000	267	>2000
RES2530	3415	>2000	>2000	269	>2000
RES2531	3415	>2000	>2000	269	>2000
RES2532	3504	>2000	>2000	290	>2000
RES2533	3756	>2000	>2000	358	>2000
RES2534	3415	>2000	>2000	269	>2000
RES2535	3655	>2000	>2000	330	>2000
RES2536	3413	>2000	>2000	268	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2537	3566	>2000	>2000	306	>2000
RES2538	3684	>2000	>2000	337	>2000
RES2539	3626	>2000	>2000	322	>2000
RES2540	3750	>2000	>2000	356	>2000
RES2541	3503	>2000	>2000	290	>2000
RES2542	3512	>2000	>2000	292	>2000
RES2543	3609	>2000	>2000	317	>2000
RES2544	3742	>2000	>2000	354	>2000
RES2545	3810	>2000	>2000	373	>2000
RES2546	3507	>2000	>2000	291	>2000
RES2547	3787	>2000	>2000	367	>2000
RES2548	3848	>2000	>2000	384	>2000
RES2549	3739	>2000	>2000	353	>2000
RES2550	3435	>2000	>2000	274	>2000
RES2551	3680	>2000	>2000	336	>2000
RES2552	3570	>2000	>2000	307	>2000
RES2553	3511	>2000	>2000	292	>2000
RES2554	3518	>2000	>2000	294	>2000
RES2555	3835	>2000	>2000	381	>2000
RES2556	3659	>2000	>2000	331	>2000
RES2557	3814	>2000	>2000	374	>2000
RES2558	3722	>2000	>2000	348	>2000
RES2559	3749	>2000	>2000	356	>2000
RES2560	3608	>2000	>2000	317	>2000
RES2561	3521	>2000	>2000	295	>2000
RES2562	3515	>2000	>2000	293	>2000
RES2563	3581	>2000	>2000	310	>2000
RES2564	3709	>2000	>2000	344	>2000
RES2565	3572	>2000	>2000	308	>2000
RES2566	3652	>2000	>2000	329	>2000
RES2567	3883	>2000	>2000	395	>2000
RES2568	3511	>2000	>2000	292	>2000
RES2569	3566	>2000	>2000	306	>2000
RES2570	3560	>2000	>2000	305	>2000
RES2571	4022	>2000	>2000	439	>2000
RES2572	3693	>2000	>2000	340	>2000
RES2573	3783	>2000	>2000	365	>2000
RES2574	3825	>2000	>2000	378	>2000
RES2575	3532	>2000	>2000	297	>2000
RES2576	3747	>2000	>2000	355	>2000
RES2577	3500	>2000	>2000	289	>2000
RES2578	3675	>2000	>2000	335	>2000
RES2579	3639	>2000	>2000	325	>2000
RES2580	3811	>2000	>2000	374	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2581	3500	>2000	>2000	289	>2000
RES2582	3500	>2000	>2000	289	>2000
RES2583	3569	>2000	>2000	307	>2000
RES2584	3740	>2000	>2000	353	>2000
RES2585	3573	>2000	>2000	308	>2000
RES2586	3626	>2000	>2000	322	>2000
RES2587	3898	>2000	>2000	400	>2000
RES2588	3635	>2000	>2000	324	>2000
RES2589	3773	>2000	>2000	362	>2000
RES2590	3813	>2000	>2000	374	>2000
RES2591	3886	>2000	>2000	396	>2000
RES2592	3720	>2000	>2000	347	>2000
RES2593	3706	>2000	>2000	343	>2000
RES2594	3630	>2000	>2000	323	>2000
RES2595	3881	>2000	>2000	394	>2000
RES2596	3772	>2000	>2000	362	>2000
RES2597	3682	>2000	>2000	337	>2000
RES2598	3876	>2000	>2000	393	>2000
RES2599	3636	>2000	>2000	324	>2000
RES2600	3864	>2000	>2000	389	>2000
RES2601	3749	>2000	>2000	356	>2000
RES2602	3634	>2000	>2000	324	>2000
RES2603	3734	>2000	>2000	351	>2000
RES2604	3811	>2000	>2000	374	>2000
RES2605	3963	>2000	>2000	420	>2000
RES2606	3637	>2000	>2000	325	>2000
RES2607	3801	>2000	>2000	371	>2000
RES2608	3950	>2000	>2000	416	>2000
RES2609	4872	>2000	>2000	781	>2000
RES2610	3721	>2000	>2000	348	>2000
RES2611	3780	>2000	>2000	364	>2000
RES2612	3863	>2000	>2000	389	>2000
RES2613	3877	>2000	>2000	393	>2000
RES2614	3693	>2000	>2000	340	>2000
RES2615	3764	>2000	>2000	360	>2000
RES2616	3990	>2000	>2000	429	>2000
RES2617	3928	>2000	>2000	409	>2000
RES2618	3959	>2000	>2000	419	>2000
RES2619	3836	>2000	>2000	381	>2000
RES2620	3874	>2000	>2000	392	>2000
RES2621	3933	>2000	>2000	411	>2000
RES2622	3810	>2000	>2000	373	>2000
RES2623	3794	>2000	>2000	369	>2000
RES2624	3991	>2000	>2000	429	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RES2625	4021	>2000	>2000	439	>2000
RES2626	3760	>2000	>2000	359	>2000
RES2627	3934	>2000	>2000	411	>2000
RES2628	3879	>2000	>2000	394	>2000
RES2629	3926	>2000	>2000	408	>2000
RES2630	4143	>2000	>2000	480	>2000
RES2631	3821	>2000	>2000	376	>2000
RES2632	3841	>2000	>2000	383	>2000
RES2633	4018	>2000	>2000	438	>2000
RES2634	4046	>2000	>2000	447	>2000
RES2635	3942	>2000	>2000	413	>2000
RES2636	3896	>2000	>2000	399	>2000
RES2637	3895	>2000	>2000	399	>2000
RES2638	3945	>2000	>2000	414	>2000
RES2639	4047	>2000	>2000	447	>2000
RES2640	4075	>2000	>2000	457	>2000
RES2641	4005	>2000	>2000	433	>2000
RET0001	108385	>2000	>2000	>2000	>2000
RET0002	108359	>2000	>2000	>2000	>2000
RET0003	108301	>2000	>2000	>2000	>2000
RET0004	108282	>2000	>2000	>2000	>2000
RET0005	108340	>2000	>2000	>2000	>2000
RET0006	108323	>2000	>2000	>2000	>2000
RET0007	108096	>2000	>2000	>2000	>2000
RET0008	17688	>2000	>2000	>2000	>2000
RET0009	17578	>2000	>2000	>2000	>2000
RET0010	17595	>2000	>2000	>2000	>2000
RET0011	72	6	23	<1	<1
RET0012	3310	>2000	>2000	245	>2000
RET0013	2956	>2000	>2000	174	>2000
RET0014	2979	>2000	>2000	178	>2000
RET0015	2888	>2000	>2000	163	>2000
RET0016	2680	>2000	>2000	130	>2000
RET0017	2774	>2000	>2000	144	>2000
RET0018	2766	>2000	>2000	143	>2000
RET0019	3036	>2000	>2000	189	>2000
RET0020	2740	>2000	>2000	139	>2000
RET0021	2708	>2000	>2000	134	>2000
RET0022	2721	>2000	>2000	136	>2000
RET0023	2700	>2000	>2000	133	>2000
RET0024	2685	>2000	>2000	131	>2000
RET0025	2629	>2000	>2000	123	>2000
RET0026	2843	>2000	>2000	155	>2000
RET0027	2672	>2000	>2000	129	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
RET0028	2579	>2000	>2000	116	>2000
RET0029	2664	>2000	>2000	128	>2000
RET0030	2658	>2000	>2000	127	>2000
RET0031	2561	>2000	>2000	113	>2000
RET0032	2607	>2000	>2000	120	>2000
RET0033	2600	>2000	>2000	119	>2000
RET0034	2592	>2000	>2000	118	>2000
RET0035	2583	>2000	>2000	116	>2000
RET0036	2571	>2000	>2000	115	>2000
RET0037	2560	>2000	>2000	113	>2000
RET0038	2495	>2000	>2000	105	>2000
RET0039	2490	>2000	>2000	104	>2000
RET0040	2451	>2000	>2000	99	>2000
RET0041	2544	>2000	>2000	111	>2000
RET0042	2432	>2000	>2000	97	>2000
RET0043	2533	>2000	>2000	110	>2000
RET0044	2521	>2000	>2000	108	>2000
RET0045	2514	>2000	>2000	107	>2000
RET0046	2498	>2000	>2000	105	>2000
RET0047	2474	>2000	>2000	102	>2000
RET0048	2560	>2000	>2000	113	>2000
RET0049	2335	>2000	>2000	86	>2000
RET0050	2369	>2000	>2000	90	>2000
RET0051	2371	>2000	>2000	90	>2000
RET0052	2369	>2000	>2000	90	>2000
RET0053	2354	>2000	>2000	88	>2000
RET0054	2315	>2000	>2000	84	>2000
RET0055	2303	>2000	>2000	82	>2000
RET0056	1829	>2000	>2000	41	>2000
RET0057	1863	>2000	>2000	44	>2000
RET0058	1799	>2000	>2000	39	>2000
RET0059	3228	>2000	>2000	227	>2000
RET0060	1172	1551	>2000	11	792
RET0061	3122	>2000	>2000	205	>2000
SPO0001	74908	>2000	>2000	>2000	>2000
SPO0002	29841	>2000	>2000	>2000	>2000
SPO0003	17579	>2000	>2000	>2000	>2000
SPO0004	17492	>2000	>2000	>2000	>2000
SPO0005	17670	>2000	>2000	>2000	>2000
SPO0006	17862	>2000	>2000	>2000	>2000
SPO0007	2714	>2000	>2000	135	>2000
SPO0008	3000	>2000	>2000	182	>2000
SPO0009	2821	>2000	>2000	151	>2000
SPO0010	2383	>2000	>2000	91	>2000

Receptor ID	Distance to blasting footprint	Ground vibration		Airblast pressure	
		Human comfort MIC (kg)	Structural damage MIC (kg)	Human comfort MIC (kg)	Structural damage MIC (kg)
SPO0011	2729	>2000	>2000	137	>2000
SPO0012	2075	>2000	>2000	60	>2000

Blasting impacts on heritage structures

Receptor ID	Distance to blasting footprint (m)	Ground vibration – Structural damage MIC (kg)
B2G-19-H01	124233	>2000
B2G-19-H02	115780	>2000
B2G-19-H03	115814	>2000
B2G-19-H04	108422	>2000
B2G-19-H05	108406	>2000
B2G-19-H06	108374	>2000
B2G-19-H07	108257	>2000
B2G-19-H08	107792	>2000
B2G-19-H09	107934	>2000
B2G-19-H10	107981	>2000
B2G-19-H11	108008	>2000
B2G-19-H12	107978	>2000
B2G-19-H13	91506	>2000
B2G-19-H14	82965	>2000
B2G-19-H15	45386	>2000
B2G-19-H16	44042	>2000
B2G-19-H17	41182	>2000
B2G-19-H18	24110	>2000
B2G-19-H19	8593	>2000
B2G-19-H20	8551	>2000
B2G-19-H21	7191	>2000
B2G-19-H22	7067	>2000
B2G-19-H23	4341	>2000
B2G-19-H24	342	42
B2G-19-H25	314	35
B2G-19-H26	0	-*
B2G-19-H27	0	-*
B2G-19-H28	0	-*
B2G-19-H29	39	<1
B2G-19-H30	0	-*
B2G-19-H31	0	-*

Receptor ID	Distance to blasting footprint (m)	Ground vibration – Structural damage MIC (kg)
B2G-19-H32	0	-*
B2G-19-H33	469	79
B2G-19-H34	1221	535

Construction Road Traffic Noise Impacts

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Barwon Highway	Between Leichhardt Highway and Town Common Road	55	55	55	55	55	56	0	0	0	0	0	0
Charlton Connection Road	Between Toowoomba Cecil Plains Road and Jordan Court	57	57	57	57	58	58	0	0	0	0	0	0
Charlton Connection Road	Between Jordan Court and Warrego Highway	57	57	57	57	58	58	0	0	0	0	0	0
Cunningham Highway	Between QLD/NSW Border and Leichhardt Highway	59	59	59	59	59	59	0	0	0	0	0	0
Cunningham Highway	Between Leichhardt Highway and Wyaga Road	59	59	59	59	59	59	0	0	0	0	0	0
Cunningham Highway	Between Wyaga Road and Yelarbon-Keetah Road	59	59	59	59	59	59	0	1	0	0	0	0
Cunningham Highway	Between Yelarbon-Keetah Road and Texas Yelarbon Road	59	59	59	59	59	60	2	2	1	0	0	0
Cunningham Highway	Between Texas Yelarbon Road and Inglewood Texas Road	59	59	59	59	59	60	3	3	1	1	0	0
Cunningham Highway	Between Inglewood Texas Road and Millmerran Inglewood Road	60	60	60	60	60	61	2	2	1	0	0	0
Cunningham Highway	Between Millmerran Inglewood Road and Inglewood Quarry Access Road	59	59	59	59	60	60	2	2	1	1	1	0
Cunningham Highway	Between Inglewood Quarry Access Road and Coolmunda Dam Access	59	59	59	59	60	60	1	1	0	0	0	0
Gore Highway	Between Blackwell Road and Saleyards Road	59	60	60	60	60	60	0	0	0	0	0	0
Gore Highway	Between Saleyards Road and West Street	59	60	60	60	60	60	0	0	0	0	0	0
Gore Highway	Between West Street and Millmerran Inglewood Road	59	60	60	60	60	60	0	0	0	0	0	0
Gore Highway	Between Millmerran Inglewood Road and Millmerran Leyburn Road	61	61	61	61	61	61	0	0	1	1	0	0
Gore Highway	Between Millmerran Leyburn Road and Pampas Horrane Road	61	61	61	61	61	61	0	0	1	1	0	0
Gore Highway	Between Pampas Horrane Road and Brookstead Norwin Road	61	61	61	61	61	61	0	1	1	1	0	0
Gore Highway	Between Brookstead Norwin Road and Tummaville Road	61	61	61	61	61	61	0	1	1	1	0	0
Gore Highway	Between Tummaville Road and Vines Street	61	61	61	61	61	61	1	3	1	1	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Gore Highway	Between Vines Street and Toowoomba Second Range Crossing	62	62	62	62	62	62	1	2	0	0	0	0
Gore Highway	Between Toowoomba Second Range Crossing and Westbrook Road	62	62	62	62	62	62	0	0	0	0	0	0
Gore Highway	Between Westbrook Road and Warrego Highway	64	64	64	64	64	64	0	0	0	0	0	0
Inglewood Texas Road	Between Cunningham Highway and Greenup Limevale Road	47	47	47	47	47	47	0	0	0	0	0	0
Inglewood Texas Road	Between Greenup Limevale Road and Texas Yelarbon Road	47	47	47	47	47	47	0	0	0	0	0	0
Inglewood Texas Road	Between Texas Yelarbon Road and Stanthorphe Texas Road	50	51	51	51	51	51	0	0	0	0	0	0
Inglewood Texas Road	Between Stanthorpe Texas Road and Old Texas Yelarbon Road	50	51	51	51	51	51	0	0	0	0	0	0
Inglewood Texas Road	Between Old Texas Yelarbon Road and QLD/NSW Border	50	51	51	51	51	51	0	0	0	0	0	0
Ipswich Motorway	Between Cunningham Highway and Logan Motorway	73	73	73	73	73	74	0	0	0	0	0	0
Leichhardt Highway	Between Cunningham Highway and Hunt Street	61	61	61	62	62	62	0	0	0	0	0	0
Leichhardt Highway	Between Hunt Street and Barwon Highway	61	61	61	62	62	62	0	0	0	0	0	0
Logan Motorway	Between Ipswich Motorway and Pacific Motorway	73	73	73	74	74	74	0	0	0	0	0	0
Millmerran Inglewood Road	Between Cunningham Highway and Thornton Road	49	49	49	49	49	49	6	6	1	2	1	0
Millmerran Inglewood Road	Between Thornton Road and Council Boundary	49	49	49	49	49	49	6	6	3	3	1	0
Millmerran Inglewood Road	Between Council Boundary and Kooroongarra Road	53	53	53	53	53	53	0	2	1	1	0	0
Millmerran Inglewood Road	Between Kooroongarra Road and Blackwell Road	53	53	53	53	53	53	0	2	4	3	1	0
Millmerran Inglewood Road	Between Blackwell Road and Campbell Street	53	53	53	53	53	53	0	4	5	1	0	0
Millmerran Inglewood Road	Between Campbell Street and Gore Highway	52	52	52	52	52	52	0	1	3	3	1	0
Millmerran Leyburn Road	Between Gore Highway and Reiche Road	47	47	47	47	47	47	0	0	0	0	0	0
Oakey Pittsworth Road	Between Gore Highway and Quibet Road	51	51	51	51	52	52	0	0	0	0	0	0
Pacific Motorway	Between Logan Highway and NSW/QLD Border	75	76	76	76	76	76	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Pampas Horrane Road	Between Gore Highway and Bostock Road	46	46	46	46	46	46	1	3	3	1	1	0
Pittsworth Felton Road	Between Golf Course Road and Short Street	55	55	55	55	55	55	0	0	0	0	0	0
Texas Yelarbon Road	Between Cunningham Highway and Old Texas Yelarbon Road	47	47	47	48	48	48	3	3	0	0	0	0
Toowoomba Cecil Plains Road	Between Warrego Highway and McDougall Street	63	63	63	63	63	64	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between McDougall Street and Boundary Street	63	63	63	63	63	64	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between Boundary Street and Charton Connection Road	60	60	61	61	61	61	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between Charton Connection Road and Hursley Road	57	57	57	57	57	57	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between Hursley Road and Hanrahans Road	57	57	57	57	57	57	0	0	1	0	0	0
Toowoomba Cecil Plains Road	Between Hanrahans Road and 2km west of Brimblecombe Rd	55	55	55	55	55	55	0	0	0	0	1	0
Toowoomba Second Range Crossing	Between Gore Highway and Toowoomba Cecil Plains Road	59	59	59	59	59	60	1	1	0	0	0	0
Toowoomba Second Range Crossing	Between Toowoomba Cecil Plains Road and New England Highway	59	59	59	59	59	60	1	1	0	0	0	0
Toowoomba Second Range Crossing	Between New England Highway and Warrego Highway	59	59	59	59	59	60	0	0	0	0	0	0
Warrego Highway	Between Kingsthorpe Haden Road and Toowoomba Second Range Crossing	63	63	63	63	63	63	1	1	1	0	0	0
Warrego Highway	Between Toowoomba Second Range Crossing and Charlton Connection Road	63	63	63	63	63	63	0	0	0	0	0	0
Warrego Highway	Between Charlton Connection Road and McDougall Street	66	66	66	66	66	66	0	0	0	0	0	0
Warrego Highway	Between McDougall Street and Bridge Street	66	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Bridge Street and Toowoomba Cecil Plains Road	64	64	64	64	64	64	0	0	0	0	0	0
Warrego Highway	Between Toowoomba Cecil Plains Road and Karrool Street	66	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Karrool St and Gore Highway	66	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Gore Highway and Fifth Avenue	66	67	67	67	67	67	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Warrego Highway	Between Toowoomba Second Range Crossing and Gatton Helidon Road	68	68	68	68	68	68	0	0	0	0	0	0
Warrego Highway	Between Gatton Helidon Road and Gatton Esk Road	67	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Gatton Esk Road and Laidley Plainland Road	68	69	69	69	69	69	0	0	0	0	0	0
Warrego Highway	Between Laidley Plainland Road and Tallegalla Two Tree Hill Road	68	69	69	69	69	69	0	0	0	0	0	0
Warrego Highway	Between Tallegalla Two Tree Hill Road and Haigslea Amberley Road	70	70	70	70	70	70	0	0	0	0	0	0
Warrego Highway	Between Haigslea Amberley Road and Brisbane Valley Highway	70	70	70	70	70	70	0	0	0	0	0	0
Warrego Highway	Between Brisbane Valley Road and Mount Crosby Road	71	71	71	71	71	71	0	0	0	0	0	0
Warrego Highway	Between Mount Crosby Road and Cunningham Highway	69	69	69	69	69	69	0	0	0	0	0	0
Yelarbon Keetah Road	Between Cunningham Highway and Old Warwick Road	47	47	47	47	47	47	9	9	1	2	0	0
Bruxner Highway	Between New England Highway and Summerland Way	53	53	53	54	54	54	0	0	0	0	0	0
Gwydir Highway	Between Stephens Road and Delungra Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Delungra Road and Delungra Bypass Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Delungra Bypass Road and Copeton Dam Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Copeton Dam Road and Bannockburn Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Bannockburn Road and Campbell Street	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Campbell Street and Tingha Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Tingha Road and Elsmore Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Elsmore Road and Woodstock Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Woodstock Road and Waterloo Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Waterloo Road and Coronoation Avenue	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Coronation Avenue and New England Highway	57	58	58	58	58	58	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Gwydir Highway	Between New England Highway and Shannon Vale Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Shannon Vale Road and Bald Nob Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Bald Nob Road and Old Grafton Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Old Grafton Road and Coombadjha Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Coombadjha Road and Old Glen Innes Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Old Glen Innes Road and Rogan Bridge Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Rogan Bridge Road and Bent Street	57	58	58	58	58	58	0	0	0	0	0	0
New England Highway	Between Bruxner Way and Bruxner Highway	60	60	60	60	60	60	0	0	0	0	0	0
New England Highway	Between Gwydir Highway and Gwydir Highway	59	59	59	59	59	59	0	0	0	0	0	0
Newell Highway	Between QLD/NSW border and Bruxner Way	63	64	64	64	64	64	0	0	0	0	0	0
Pacific Motorway	Between QLD/NSW border and Gwydir Highway	67	68	68	68	68	68	0	0	0	0	0	0
Summerland Way	Between Bruxner Highway and Red Lane	63	63	63	64	64	64	0	0	0	0	0	0
Summerland Way	Between Trenayr Road and Turf Street	57	57	57	57	57	57	0	0	0	0	0	0
Bent Street	Between Craig Street and Gwydir Highway	65	65	65	65	65	65	0	0	0	0	0	0
Charles Street	Between Bent Street and Pacific Highway	57	57	57	57	58	58	0	0	0	0	0	0
Clarence Street	Between Oliver Street and Craig Street	60	60	60	60	60	60	0	0	0	0	0	0
Clark Road	Full Extent	50	50	50	50	51	51	0	0	0	0	0	0
Craig Street	Between Villiers Street and Clarence Street	65	65	65	65	65	65	0	0	0	0	0	0
Craig Street	Between Clarence Street and Bent Street	65	65	65	65	65	65	0	0	0	0	0	0
Dobie Street	Between Villers Street and Summerland Way	60	60	60	60	60	60	0	0	0	0	0	0
Fry Street	Between Mary Street and Alice Street	60	60	60	60	60	60	0	0	0	0	0	0
Mary Street	Between Fry Street and Oliver Street	60	60	60	60	60	60	0	0	0	0	0	0
Oliver Street	Between Clarance Street and Mary Street	60	60	60	60	60	60	0	0	0	0	0	0
Red Lane	Between Summerland Way and Trenayr Road	50	50	50	50	51	51	0	0	0	0	0	0
Trenayr Road	Between Red Lane and Clark Road	57	57	57	57	58	58	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Trenayr Road	Between Summerland Way and Clark Road	57	57	57	58	58	58	0	0	0	0	0	0
Villers Street	Between Craig Street and Dobie Street	60	60	60	60	60	60	0	0	0	0	0	0
Boodle Street	Between Boodle Street and Hunt Street	60	60	60	60	60	60	0	0	0	0	0	0
Bybera Road	Between Cunningham Highway and Private Access	37	37	37	37	37	37	19	19	3	9	4	1
Bybera Road	Between Private Access and Unnamed Road	37	37	37	37	37	37	13	16	0	0	0	0
Cemetery Road	Between Mooroobie Lane and Unnamed Road	43	43	43	44	44	44	5	5	0	0	0	0
Coolmunda Dam Access	Full Extent	41	41	41	41	41	42	8	8	4	7	3	0
Cremacos Road	Between Cunningham Highway and 400m west of private access	44	44	44	45	45	45	0	1	1	0	0	0
East Sawmill Road	Between Cunningham Highway and Springborg Road	57	57	57	57	58	58	2	2	0	0	0	0
Elizabeth Street	Between Cunningham Highway and Callandoon Street	57	57	57	57	58	58	1	1	1	0	0	0
Eukabilla Road	Full Extent	50	50	50	50	51	51	1	1	0	0	0	0
Fosters Road	Between Cunningham Highway and Grays Road	34	34	34	34	35	35	16	19	0	0	0	0
Grays Road	Between Millmerran Inglewood Road and Mosquito Creek Road	34	34	34	35	35	35	6	15	15	1	1	1
Hunt Street	Between Leichhardt Highway and Boodle Street	60	60	60	60	60	60	0	0	0	0	0	0
Inglewood Quarry Access Road	Full Extent	50	50	50	50	51	51	2	4	4	0	0	0
Kildonan Road	Betweek Yelarbon Keetah Road and Cunningham Highway	46	46	46	46	46	46	9	9	3	1	0	0
Lovells Crossing Road	Between Callandoon Street and Unnamed Road	32	32	32	32	32	32	18	18	18	9	9	8
Lovells Crossing Road	Between Unnamed Road and Unnamed Road	32	32	32	32	32	32	10	10	10	5	4	3
McDougalls Crossings Road	Between Cunningham Highway and 800m west of Cremascos Road	57	57	57	57	58	58	0	0	0	0	0	0
Mooroobie Lane	Between Wondalli Kurumbul Road and Cemetery Road	36	36	36	36	36	36	14	14	0	0	0	0
Mosquito Creek Road	Between Grays Road and Cunningham Highway	34	34	34	34	34	34	0	15	15	0	0	0
Old Texas Yelarbon Road	Between Texas Yelarbon Road and Rocky Creek Road	41	41	41	41	41	42	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Old Texas Yelarbon Road	Between Rocky Creek Road and Inglewood Texas Road	41	41	41	41	41	42	0	0	0	0	0	0
Queen Street South	Between Yelarbon Kurumbul Road and Danes Lane	50	50	50	50	51	51	0	0	0	0	0	0
South Kurumbul Road	Between Yelarbon Kurumbul Road and Kildonan Road	50	50	50	50	51	51	1	0	0	0	0	0
Springborg Road	Between Cunningham Highway and Railway Line	32	32	32	32	32	32	16	13	13	3	3	2
Suttons Road	Between East Sawmill Road and Unnamed Road	35	36	36	36	36	36	16	16	0	0	0	0
Thornton Road	Between Millmerran Inglewood Road and Unammed Road	29	29	29	29	29	29	15	22	11	6	4	3
Town Commons Road	Between Waggamba Road and Barwon Highway	49	50	50	50	50	50	0	0	0	0	0	0
Unnamed Road	Between Cunningham Highway and Private Access	50	50	50	50	51	51	0	0	0	0	0	0
Unnamed Road	Between Cemetery Road and Unnamed Road	50	50	50	50	51	51	2	2	0	0	0	0
Unnamed Road	Between Texas Yelarbon Road and Private Land	50	50	50	50	51	51	2	2	0	0	0	0
Unnamed Road	Between Woodcocks Road and Queen Street North	50	50	50	50	51	51	2	2	0	0	0	0
Unnamed Road	Between East Sawmill Road and Suttons Road	50	50	50	50	51	51	3	1	0	0	0	0
Unnamed Road	Full extent	50	50	50	50	51	51	4	4	0	0	0	0
Whetstone Access Road	Between Cunningham Highway and 600m west of Railway Line	36	36	36	36	36	36	8	8	6	3	1	1
Wondalli Kurumbul Road	Between South Western System (Railway) and Bickers Road	34	34	34	34	34	34	16	16	0	0	0	0
Woodcocks Road	Between Cunningham Highway and Unnamed Road	57	57	57	57	58	58	0	0	0	0	0	0
Yelarbon Kurumbul Road	Between Cunningham Highway and Wondalli Kurumbul Road	35	35	35	35	35	35	17	18	18	5	6	4
Edwards Street	Between North Star Road and I B Bore Road	49	49	49	49	49	49	1	1	1	0	0	0
North Star Road	Between MPSC Council Boundary and Edwards Street	47	47	47	47	47	47	2	2	2	0	0	0
North Star Road	Between Edward Street and Getta Getta Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Getta Getta Road and Blue Nobby Road	47	47	47	47	47	47	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
North Star Road	Between Blue Nobby Road and Hibernia Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Hibernia Road and Yallaroi Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Yallaroi Road and Baroma Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Baroma Road and Warialda Road	47	47	47	47	47	47	0	0	0	0	0	0
Stephen Street	Between Long Street and Gwydir Highway	56	56	56	57	57	57	0	0	0	0	0	0
Warialda Road	Between North Star Road and Gournama Road	56	56	56	57	57	57	0	0	0	0	0	0
Warialda Road	Between Gournama Road and Oregon Road	56	56	56	57	57	57	0	0	0	0	0	0
Warialda Road	Between Oregon Street and Stephen Street	56	56	56	57	57	57	0	0	0	0	0	0
Bruxner Way	Between Texas Bridge Road and Glenrock Road	46	46	46	46	47	47	0	0	0	0	0	0
Bruxner Way	Between Glenrock Road and New England Highway	46	46	46	46	47	47	0	0	0	0	0	0
Campbell Street	Between Byron Street and Otho Street	57	57	57	58	58	58	0	0	0	0	0	0
Texas Bridge Road	Between QLD/NSW Border and Bruxner Highway	56	56	56	56	57	57	0	0	0	0	0	0
Bruxner Way	Between Newell Highway and Tucka Tucka Road	47	47	47	47	47	47	2	2	2	0	0	0
Bruxner Way	Between Tucka Tucka Road and North Star Road	47	47	47	47	47	47	2	2	2	0	0	0
North Star Road	Between Bruxner Way and Gwydir Shire Council boundary	47	47	47	47	48	48	2	2	2	0	0	0
River Road	Between Newell Highway and Boggabilla Weir	50	50	50	51	51	51	1	1	0	0	0	0
Airport Quarry Wellcamp Access Road	Between Toowoomba Cecil Plains Road and Toowoomba Wellcamp Airport	50	50	50	50	51	51	0	0	0	0	0	0
Alderley Street	Between Greenwattle Street and Gore Highway	59	59	59	59	59	59	0	0	0	0	0	0
Alderley Street	Between Gore Highway and Condamine Street	59	59	59	59	59	59	0	0	0	0	0	0
Athol School Road	Between Gore Highway and Trader Road	43	43	43	43	44	44	2	4	4	0	0	0
Biddeston Southbrook Road	Between Gore Highway and Stower Road	46	46	46	46	46	46	1	2	2	0	0	0
Blackwell Road	Between Millmerran Inglewood Road and Gore Highway	34	34	34	34	34	34	9	10	10	7	9	2

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Blackwell Road	Between Bunkers Hill School Road and Macaulay Road	50	50	50	50	50	50	0	0	0	0	0	0
Bligh Street	Between Six Mile Road and Concrete Millmerran	56	56	56	56	57	57	0	0	0	0	0	0
Bligh Street	Between Concrete Millmerran and Crosby Street	56	56	56	56	57	57	0	0	0	0	0	0
Bostock Road	Between Pampas Horrane Road and Unnamed Road	42	42	42	42	42	42	1	5	5	0	0	0
Brimblecombe Rd	Between Toowoomba Cecil Plains Road and Gowrie Mountain School Road	44	44	44	44	44	44	2	2	2	0	0	0
Bunkers Hill School Road	Between Gore Highway and Blackwell Road	49	49	49	50	50	50	0	0	0	0	0	0
Bushy Lane West	Between Gore Highway and 650m west of Gore Highway	50	50	50	50	51	51	1	1	1	0	0	0
Campbell Street	Between Millmerran Inglewood Road and Commens Street	51	51	51	51	52	52	2	2	2	0	0	0
Chamberlain Road	Between Warrego Highway and Robson Road	50	50	50	50	51	51	0	0	0	0	0	0
Commodore Peak Road	Between Millmerran Inglewood Road and Blackwell Road	35	36	36	36	36	36	0	16	16	0	0	0
Condamine Street	Full Extent	52	52	52	52	52	52	0	0	0	0	0	0
Dieckmann Road	Between Gore Highway and Madelaine Street	50	50	50	50	51	51	0	0	1	0	0	0
Draper Road	Between Steger Road and Leesons Road	39	39	39	39	39	39	5	5	5	1	1	1
Drayton Wellcamp Road	Between Wellcamp Westbrook Road and Boundary Street South	55	55	55	55	55	55	0	1	1	0	0	0
Euston Road	Between Boundary Court and Greenwattle Street	58	58	58	59	59	59	0	0	0	0	0	0
Forestry Road	Between Millmerran Inglewood Road and Unnamed Road	50	50	50	50	51	51	0	3	2	0	0	0
Fysh Road	Between Gore Highway and Fysh Road	50	50	50	50	51	51	0	0	0	0	0	0
Gap Road	Between Gore Highway and Cypress Street	54	54	54	54	54	54	0	1	1	0	0	0
Geitz Road	Between Gore Highway and Luck Road	50	50	50	50	51	51	0	4	0	0	0	0
Gilgal Lane	Between Gore Highway and Railway Line	57	57	57	57	58	58	0	0	0	0	0	0
Greenwattle Street	Between Euston Road and Alderley Street	57	57	57	57	58	58	0	0	0	0	0	0
Grevillea Street	Full Extent	50	50	50	50	51	51	0	0	0	0	0	0
Hall Road	Between Gore Highway and Railway Line	57	57	57	57	58	58	0	0	0	0	0	0
Heckendorf Road	Between Millmerran Inglewood Road and Bora Creek Road	35	35	35	35	35	35	1	1	10	3	2	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Kahler Road	Between Murlaggan Road and Glen Devon Road	50	50	50	50	51	51	0	0	0	0	0	0
Kooroongara Road	Between Millmerran Inglewood Road and Bliss Road	40	40	40	40	40	40	0	0	12	4	0	0
Kooroongarra Road	Between Millmerran Inglewood Road and Halls Road	40	40	40	40	40	40	0	14	14	0	0	0
Kooroongarra Road	Between Millwood Road and Cunningham Highway	41	41	41	41	41	41	0	0	5	1	0	0
Leesons Road	Full Extent	41	41	41	41	41	41	4	4	6	2	1	1
Lindenmayer Road	Between Gore Highway and Unnamed Road	57	57	57	57	58	58	0	0	0	0	0	0
Linthorpe Road	Between Gore Highway and Loveday Road	44	44	44	44	44	44	2	10	3	0	0	0
Lochaber Road	Between McEwan Lane and Gore Highway	47	47	47	47	47	47	1	1	1	0	0	0
Macaulay Road	Between Blackwell Road and Wellcamp Westbrook Road	50	50	50	50	50	50	0	0	0	0	0	0
McDougall Street	Between Toowoomba Cecil Plains Road and Hursley Road	60	60	60	60	60	60	0	0	0	0	0	0
Millwood Road	Between Millmerran Inglewood Road and Kooroongarra Road	36	36	36	36	37	37	7	16	17	3	3	1
Murlaggan Road	Between Gore Highway and Roche Road	39	39	39	40	40	40	16	16	13	5	1	1
Murlaggan Road	Between Roche Road and Yarranlea Road	39	39	39	40	40	40	0	0	2	0	0	0
Omara Road	Between Toowoomba Cecil Plains Road and Warrego Highway	58	58	58	58	58	58	0	0	0	0	0	0
Owens Scrub Road	Between Millmerran Inglewood Road and Foxwood Road	44	44	44	44	44	44	2	3	3	0	1	0
Paint Mine Road	Between Gore Highway and Loveday Road	50	50	50	50	51	51	0	0	0	0	0	0
Paton Road	Between Millmerran Inglewood Road and Kooroongarra Road	50	50	50	50	51	51	1	1	1	0	0	0
Pittsworth Felton Road	Between Cypress Street and Golf Course Road	57	57	57	57	58	58	0	0	0	0	0	0
Railway Street	Between Short Street and Vines Street	39	39	39	39	40	40	2	5	5	1	0	0
Roche Road	Between Murlaggan Road and Saint Helens Road	56	56	56	56	57	57	0	0	0	0	0	0
Saleyards Road	Between Millmerran Inglewood Road and Gore Highway	47	47	47	48	48	48	0	0	0	0	0	0
Scrubby Road	Between Gore Highway and Jentz Road	48	49	49	49	49	49	0	4	0	0	0	0
Short Street	Between Yandilla Street and Toowoomba Road	49	49	49	49	49	49	0	1	1	0	0	0
Six Mile Road	Between Rodney Road and Bligh Street	36	36	36	36	36	36	2	5	6	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Steger Road	Between Warrego Highway and Draper Road	39	39	39	39	39	39	5	5	5	1	1	1
Toowoomba Road	Between Vines Street and Gore Highway	47	48	48	48	48	48	0	1	1	0	0	0
Tummaville Road	Between Gore Highway and Mann Silo Road	43	43	43	43	43	43	0	9	0	1	1	0
Unnamed Road	Between Gore Highway and Millmerran Indoor Sports Centre	57	57	57	57	58	58	2	2	1	0	0	0
Unnamed Road	Between Toowoomba Cecil Plains Road and Unnamed Road	50	50	50	50	51	51	0	0	0	0	0	0
Unnamed Road	Between Tummaville Road and Scrubby Road	50	50	50	50	51	51	0	3	0	0	0	0
Unnamed Road	Between Drayton Westbrook Road and Unnamed Road	50	50	50	50	51	51	0	0	0	0	0	0
Unnamed Road	Between Bostock Road and Unnamed Road	50	50	50	50	51	51	0	1	1	0	0	0
Unnamed Road	Between Forestry Road and Unnamed Road	50	50	50	50	51	51	0	3	2	0	0	0
Unnamed Road	Between Gore Highway and Private Access	50	50	50	50	51	51	1	1	1	0	0	0
Ware Street	Between Gore Highway and Railway Line	50	50	50	50	51	51	0	0	1	0	0	0
Wellcamp Westbrook Road	Between Macaulay Road and Toowoomba Cecil Plains Road	50	50	50	50	50	50	0	0	0	0	0	0
Wellcamp Westbrook Road	Between Toowoomba Cecil Plains Road and Drayton Wellcamp Road	52	52	52	52	53	53	0	1	1	0	0	0
West Street	Between Gore Highway and Rodney Road	45	45	45	45	45	45	0	1	1	0	0	0
Yarranlea Road	Between Gore Highway and Railway Line	37	37	37	37	38	38	5	8	8	2	1	1
Yarranlea Road	Between Railway Line and Saint Helens Road	37	37	37	37	38	38	0	0	3	0	0	0
Barwon Highway	Between Leichhardt Highway and Town Common Road	55	55	55	55	55	56	0	0	0	0	0	0
Charlton Connection Road	Between Toowoomba Cecil Plains Road and Jordan Court	57	57	57	57	58	58	0	0	0	0	0	0
Charlton Connection Road	Between Jordan Court and Warrego Highway	57	57	57	57	58	58	0	0	0	0	0	0
Cunningham Highway	Between QLD/NSW Border and Leichhardt Highway	59	59	59	59	59	59	0	0	0	0	0	0
Cunningham Highway	Between Leichhardt Highway and Wyaga Road	59	59	59	59	59	59	0	0	0	0	0	0
Cunningham Highway	Between Wyaga Road and Yelarbon-Keetah Road	59	59	59	59	59	59	0	1	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Cunningham Highway	Between Yelarbon-Keetah Road and Texas Yelarbon Road	59	59	59	59	59	60	2	2	1	0	0	0
Cunningham Highway	Between Texas Yelarbon Road and Inglewood Texas Road	59	59	59	59	59	60	3	3	1	1	0	0
Cunningham Highway	Between Inglewood Texas Road and Millmerran Inglewood Road	60	60	60	60	60	61	2	2	1	0	0	0
Cunningham Highway	Between Millmerran Inglewood Road and Inglewood Quarry Access Road	59	59	59	59	60	60	2	2	1	1	1	0
Cunningham Highway	Between Inglewood Quarry Access Road and Coolmunda Dam Access	59	59	59	59	60	60	1	1	0	0	0	0
Gore Highway	Between Blackwell Road and Saleyards Road	59	60	60	60	60	60	0	0	0	0	0	0
Gore Highway	Between Saleyards Road and West Street	59	60	60	60	60	60	0	0	0	0	0	0
Gore Highway	Between West Street and Millmerran Inglewood Road	59	60	60	60	60	60	0	0	0	0	0	0
Gore Highway	Between Millmerran Inglewood Road and Millmerran Leyburn Road	61	61	61	61	61	61	0	0	1	1	0	0
Gore Highway	Between Millmerran Leyburn Road and Pampas Horrane Road	61	61	61	61	61	61	0	0	1	1	0	0
Gore Highway	Between Pampas Horrane Road and Brookstead Norwin Road	61	61	61	61	61	61	0	1	1	1	0	0
Gore Highway	Between Brookstead Norwin Road and Tummaville Road	61	61	61	61	61	61	0	1	1	1	0	0
Gore Highway	Between Tummaville Road and Vines Street	61	61	61	61	61	61	1	3	1	1	0	0
Gore Highway	Between Vines Street and Toowoomba Second Range Crossing	62	62	62	62	62	62	1	2	0	0	0	0
Gore Highway	Between Toowoomba Second Range Crossing and Westbrook Road	62	62	62	62	62	62	0	0	0	0	0	0
Gore Highway	Between Westbrook Road and Warrego Highway	64	64	64	64	64	64	0	0	0	0	0	0
Inglewood Texas Road	Between Cunningham Highway and Greenup Limevale Road	47	47	47	47	47	47	0	0	0	0	0	0
Inglewood Texas Road	Between Greenup Limevale Road and Texas Yelarbon Road	47	47	47	47	47	47	0	0	0	0	0	0
Inglewood Texas Road	Between Texas Yelarbon Road and Stanthorpe Texas Road	50	51	51	51	51	51	0	0	0	0	0	0
Inglewood Texas Road	Between Stanthorpe Texas Road and Old Texas Yelarbon Road	50	51	51	51	51	51	0	0	0	0	0	0
Inglewood Texas Road	Between Old Texas Yelarbon Road and QLD/NSW Border	50	51	51	51	51	51	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Ipswich Motorway	Between Cunningham Highway and Logan Motorway	73	73	73	73	73	74	0	0	0	0	0	0
Leichhardt Highway	Between Cunningham Highway and Hunt Street	61	61	61	62	62	62	0	0	0	0	0	0
Leichhardt Highway	Between Hunt Street and Barwon Highway	61	61	61	62	62	62	0	0	0	0	0	0
Logan Motorway	Between Ipswich Motorway and Pacific Motorway	73	73	73	74	74	74	0	0	0	0	0	0
Millmerran Inglewood Road	Between Cunningham Highway and Thornton Road	49	49	49	49	49	49	6	6	1	2	1	0
Millmerran Inglewood Road	Between Thornton Road and Council Boundary	49	49	49	49	49	49	6	6	3	3	1	0
Millmerran Inglewood Road	Between Council Boundary and Kooroongarra Road	53	53	53	53	53	53	0	2	1	1	0	0
Millmerran Inglewood Road	Between Kooroongarra Road and Blackwell Road	53	53	53	53	53	53	0	2	4	3	1	0
Millmerran Inglewood Road	Between Blackwell Road and Campbell Street	53	53	53	53	53	53	0	4	5	1	0	0
Millmerran Inglewood Road	Between Campbell Street and Gore Highway	52	52	52	52	52	52	0	1	3	3	1	0
Millmerran Leyburn Road	Between Gore Highway and Reiche Road	47	47	47	47	47	47	0	0	0	0	0	0
Oakey Pittsworth Road	Between Gore Highway and Quibet Road	51	51	51	51	52	52	0	0	0	0	0	0
Pacific Motorway	Between Logan Highway and NSW/QLD Border	75	76	76	76	76	76	0	0	0	0	0	0
Pampas Horrane Road	Between Gore Highway and Bostock Road	46	46	46	46	46	46	1	3	3	1	1	0
Pittsworth Felton Road	Between Golf Course Road and Short Street	55	55	55	55	55	55	0	0	0	0	0	0
Texas Yelarbon Road	Between Cunningham Highway and Old Texas Yelarbon Road	47	47	47	48	48	48	3	3	0	0	0	0
Toowoomba Cecil Plains Road	Between Warrego Highway and McDougall Street	63	63	63	63	63	64	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between McDougall Street and Boundary Street	63	63	63	63	63	64	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between Boundary Street and Charton Connection Road	60	60	61	61	61	61	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between Charton Connection Road and Hursley Road	57	57	57	57	57	57	0	0	0	0	0	0
Toowoomba Cecil Plains Road	Between Hursley Road and Hanrahans Road	57	57	57	57	57	57	0	0	1	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Toowoomba Cecil Plains Road	Between Hanrahans Road and 2km west of Brimblecombe Rd	55	55	55	55	55	55	0	0	0	0	1	0
Toowoomba Second Range Crossing	Between Gore Highway and Toowoomba Cecil Plains Road	59	59	59	59	59	60	1	1	0	0	0	0
Toowoomba Second Range Crossing	Between Toowoomba Cecil Plains Road and New England Highway	59	59	59	59	59	60	1	1	0	0	0	0
Toowoomba Second Range Crossing	Between New England Highway and Warrego Highway	59	59	59	59	59	60	0	0	0	0	0	0
Warrego Highway	Between Kingsthorpe Haden Road and Toowoomba Second Range Crossing	63	63	63	63	63	63	1	1	1	0	0	0
Warrego Highway	Between Toowoomba Second Range Crossing and Charlton Connection Road	63	63	63	63	63	63	0	0	0	0	0	0
Warrego Highway	Between Charlton Connection Road and McDougall Street	66	66	66	66	66	66	0	0	0	0	0	0
Warrego Highway	Between McDougall Street and Bridge Street	66	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Bridge Street and Toowoomba Cecil Plains Road	64	64	64	64	64	64	0	0	0	0	0	0
Warrego Highway	Between Toowoomba Cecil Plains Road and Karrool Street	66	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Karrool St and Gore Highway	66	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Gore Highway and Fifth Avenue	66	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Toowoomba Second Range Crossing and Gatton Helidon Road	68	68	68	68	68	68	0	0	0	0	0	0
Warrego Highway	Between Gatton Helidon Road and Gatton Esk Road	67	67	67	67	67	67	0	0	0	0	0	0
Warrego Highway	Between Gatton Esk Road and Laidley Plainland Road	68	69	69	69	69	69	0	0	0	0	0	0
Warrego Highway	Between Laidley Plainland Road and Tallegalla Two Tree Hill Road	68	69	69	69	69	69	0	0	0	0	0	0
Warrego Highway	Between Tallegalla Two Tree Hill Road and Haigslea Amberley Road	70	70	70	70	70	70	0	0	0	0	0	0
Warrego Highway	Between Haigslea Amberley Road and Brisbane Valley Highway	70	70	70	70	70	70	0	0	0	0	0	0
Warrego Highway	Between Brisbane Valley Road and Mount Crosby Road	71	71	71	71	71	71	0	0	0	0	0	0
Warrego Highway	Between Mount Crosby Road and Cunningham Highway	69	69	69	69	69	69	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Yelarbon Keetah Road	Between Cunningham Highway and Old Warwick Road	47	47	47	47	47	47	9	9	1	2	0	0
Bruxner Highway	Between New England Highway and Summerland Way	53	53	53	54	54	54	0	0	0	0	0	0
Gwydir Highway	Between Stephens Road and Delungra Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Delungra Road and Delungra Bypass Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Delungra Bypass Road and Copeton Dam Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Copeton Dam Road and Bannockburn Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Bannockburn Road and Campbell Street	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Campbell Street and Tingha Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Tingha Road and Elsmore Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Elsmore Road and Woodstock Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Woodstock Road and Waterloo Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Waterloo Road and Coronoation Avenue	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Coronation Avenue and New England Highway	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between New England Highway and Shannon Vale Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Shannon Vale Road and Bald Nob Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Bald Nob Road and Old Grafton Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Old Grafton Road and Coombadjha Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Coombadjha Road and Old Glen Innes Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Old Glen Innes Road and Rogan Bridge Road	57	58	58	58	58	58	0	0	0	0	0	0
Gwydir Highway	Between Rogan Bridge Road and Bent Street	57	58	58	58	58	58	0	0	0	0	0	0
New England Highway	Between Bruxner Way and Bruxner Highway	60	60	60	60	60	60	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
New England Highway	Between Gwydir Highway and Gwydir Highway	59	59	59	59	59	59	0	0	0	0	0	0
Newell Highway	Between QLD/NSW border and Bruxner Way	63	64	64	64	64	64	0	0	0	0	0	0
Pacific Motorway	Between QLD/NSW border and Gwydir Highway	67	68	68	68	68	68	0	0	0	0	0	0
Summerland Way	Between Bruxner Highway and Red Lane	63	63	63	64	64	64	0	0	0	0	0	0
Summerland Way	Between Trenayr Road and Turf Street	57	57	57	57	57	57	0	0	0	0	0	0
Bent Street	Between Craig Street and Gwydir Highway	65	65	65	65	65	65	0	0	0	0	0	0
Charles Street	Between Bent Street and Pacific Highway	57	57	57	57	58	58	0	0	0	0	0	0
Clarence Street	Between Oliver Street and Craig Street	60	60	60	60	60	60	0	0	0	0	0	0
Clark Road	Full Extent	50	50	50	50	51	51	0	0	0	0	0	0
Craig Street	Between Villiers Street and Clarence Street	65	65	65	65	65	65	0	0	0	0	0	0
Craig Street	Between Clarence Street and Bent Street	65	65	65	65	65	65	0	0	0	0	0	0
Dobie Street	Between Villers Street and Summerland Way	60	60	60	60	60	60	0	0	0	0	0	0
Fry Street	Between Mary Street and Alice Street	60	60	60	60	60	60	0	0	0	0	0	0
Mary Street	Between Fry Street and Oliver Street	60	60	60	60	60	60	0	0	0	0	0	0
Oliver Street	Between Clarance Street and Mary Street	60	60	60	60	60	60	0	0	0	0	0	0
Red Lane	Between Summerland Way and Trenayr Road	50	50	50	50	51	51	0	0	0	0	0	0
Trenayr Road	Between Red Lane and Clark Road	57	57	57	57	58	58	0	0	0	0	0	0
Trenayr Road	Between Summerland Way and Clark Road	57	57	57	58	58	58	0	0	0	0	0	0
Villers Street	Between Craig Street and Dobie Street	60	60	60	60	60	60	0	0	0	0	0	0
Boodle Street	Between Boodle Street and Hunt Street	60	60	60	60	60	60	0	0	0	0	0	0
Bybera Road	Between Cunningham Highway and Private Access	37	37	37	37	37	37	19	19	3	9	4	1
Bybera Road	Between Private Access and Unnamed Road	37	37	37	37	37	37	13	16	0	0	0	0
Cemetery Road	Between Mooroobie Lane and Unnamed Road	43	43	43	44	44	44	5	5	0	0	0	0
Coolmunda Dam Access	Full Extent	41	41	41	41	41	42	8	8	4	7	3	0
Cremacos Road	Between Cunningham Highway and 400m west of private access	44	44	44	45	45	45	0	1	1	0	0	0
East Sawmill Road	Between Cunningham Highway and Springborg Road	57	57	57	57	58	58	2	2	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Elizabeth Street	Between Cunningham Highway and Callandoon Street	57	57	57	57	58	58	1	1	1	0	0	0
Eukabilla Road	Full Extent	50	50	50	50	51	51	1	1	0	0	0	0
Fosters Road	Between Cunningham Highway and Grays Road	34	34	34	34	35	35	16	19	0	0	0	0
Grays Road	Between Millmerran Inglewood Road and Mosquito Creek Road	34	34	34	35	35	35	6	15	15	1	1	1
Hunt Street	Between Leichhardt Highway and Boodle Street	60	60	60	60	60	60	0	0	0	0	0	0
Inglewood Quarry Access Road	Full Extent	50	50	50	50	51	51	2	4	4	0	0	0
Kildonan Road	Betweek Yelarbon Keetah Road and Cunningham Highway	46	46	46	46	46	46	9	9	3	1	0	0
Lovells Crossing Road	Between Callandoon Street and Unnamed Road	32	32	32	32	32	32	18	18	18	9	9	8
Lovells Crossing Road	Between Unnamed Road and Unnamed Road	32	32	32	32	32	32	10	10	10	5	4	3
McDougalls Crossings Road	Between Cunningham Highway and 800m west of Cremascos Road	57	57	57	57	58	58	0	0	0	0	0	0
Mooroobie Lane	Between Wondalli Kurumbul Road and Cemetery Road	36	36	36	36	36	36	14	14	0	0	0	0
Mosquito Creek Road	Between Grays Road and Cunningham Highway	34	34	34	34	34	34	0	15	15	0	0	0
Old Texas Yelarbon Road	Between Texas Yelarbon Road and Rocky Creek Road	41	41	41	41	41	42	0	0	0	0	0	0
Old Texas Yelarbon Road	Between Rocky Creek Road and Inglewood Texas Road	41	41	41	41	41	42	0	0	0	0	0	0
Queen Street South	Between Yelarbon Kurumbul Road and Danes Lane	50	50	50	50	51	51	0	0	0	0	0	0
South Kurumbul Road	Between Yelarbon Kurumbul Road and Kildonan Road	50	50	50	50	51	51	1	0	0	0	0	0
Springborg Road	Between Cunningham Highway and Railway Line	32	32	32	32	32	32	16	13	13	3	3	2
Suttons Road	Between East Sawmill Road and Unnamed Road	35	36	36	36	36	36	16	16	0	0	0	0
Thornton Road	Between Millmerran Inglewood Road and Unammed Road	29	29	29	29	29	29	15	22	11	6	4	3
Town Commons Road	Between Waggamba Road and Barwon Highway	49	50	50	50	50	50	0	0	0	0	0	0
Unnamed Road	Between Cunningham Highway and Private Access	50	50	50	50	51	51	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Unnamed Road	Between Cemetery Road and Unnamed Road	50	50	50	50	51	51	2	2	0	0	0	0
Unnamed Road	Between Texas Yelarbon Road and Private Land	50	50	50	50	51	51	2	2	0	0	0	0
Unnamed Road	Between Woodcocks Road and Queen Street North	50	50	50	50	51	51	2	2	0	0	0	0
Unnamed Road	Between East Sawmill Road and Suttons Road	50	50	50	50	51	51	3	1	0	0	0	0
Unnamed Road	Full extent	50	50	50	50	51	51	4	4	0	0	0	0
Whetstone Access Road	Between Cunningham Highway and 600m west of Railway Line	36	36	36	36	36	36	8	8	6	3	1	1
Wondalli Kurumbul Road	Between South Western System (Railway) and Bickers Road	34	34	34	34	34	34	16	16	0	0	0	0
Woodcocks Road	Between Cunningham Highway and Unnamed Road	57	57	57	57	58	58	0	0	0	0	0	0
Yelarbon Kurumbul Road	Between Cunningham Highway and Wondalli Kurumbul Road	35	35	35	35	35	35	17	18	18	5	6	4
Edwards Street	Between North Star Road and I B Bore Road	49	49	49	49	49	49	1	1	1	0	0	0
North Star Road	Between MPSC Council Boundary and Edwards Street	47	47	47	47	47	47	2	2	2	0	0	0
North Star Road	Between Edward Street and Getta Getta Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Getta Getta Road and Blue Nobby Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Blue Nobby Road and Hibernia Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Hibernia Road and Yallaroi Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Yallaroi Road and Baroma Road	47	47	47	47	47	47	0	0	0	0	0	0
North Star Road	Between Baroma Road and Warialda Road	47	47	47	47	47	47	0	0	0	0	0	0
Stephen Street	Between Long Street and Gwydir Highway	56	56	56	57	57	57	0	0	0	0	0	0
Warialda Road	Between North Star Road and Gournama Road	56	56	56	57	57	57	0	0	0	0	0	0
Warialda Road	Between Gournama Road and Oregon Road	56	56	56	57	57	57	0	0	0	0	0	0
Warialda Road	Between Oregon Street and Stephen Street	56	56	56	57	57	57	0	0	0	0	0	0
Bruxner Way	Between Texas Bridge Road and Glenrock Road	46	46	46	46	47	47	0	0	0	0	0	0
Bruxner Way	Between Glenrock Road and New England Highway	46	46	46	46	47	47	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Campbell Street	Between Byron Street and Otho Street	57	57	57	58	58	58	0	0	0	0	0	0
Texas Bridge Road	Between QLD/NSW Border and Bruxner Highway	56	56	56	56	57	57	0	0	0	0	0	0
Bruxner Way	Between Newell Highway and Tucka Tucka Road	47	47	47	47	47	47	2	2	2	0	0	0
Bruxner Way	Between Tucka Tucka Road and North Star Road	47	47	47	47	47	47	2	2	2	0	0	0
North Star Road	Between Bruxner Way and Gwydir Shire Council boundary	47	47	47	47	48	48	2	2	2	0	0	0
River Road	Between Newell Highway and Boggabilla Weir	50	50	50	51	51	51	1	1	0	0	0	0
Airport Quarry Wellcamp Access Road	Between Toowoomba Cecil Plains Road and Toowoomba Wellcamp Airport	50	50	50	50	51	51	0	0	0	0	0	0
Alderley Street	Between Greenwattle Street and Gore Highway	59	59	59	59	59	59	0	0	0	0	0	0
Alderley Street	Between Gore Highway and Condamine Street	59	59	59	59	59	59	0	0	0	0	0	0
Athol School Road	Between Gore Highway and Trader Road	43	43	43	43	44	44	2	4	4	0	0	0
Biddeston Southbrook Road	Between Gore Highway and Stower Road	46	46	46	46	46	46	1	2	2	0	0	0
Blackwell Road	Between Millmerran Inglewood Road and Gore Highway	34	34	34	34	34	34	9	10	10	7	9	2
Blackwell Road	Between Bunkers Hill School Road and Macaulay Road	50	50	50	50	50	50	0	0	0	0	0	0
Bligh Street	Between Six Mile Road and Concrete Millmerran	56	56	56	56	57	57	0	0	0	0	0	0
Bligh Street	Between Concrete Millmerran and Crosby Street	56	56	56	56	57	57	0	0	0	0	0	0
Bostock Road	Between Pampas Horrane Road and Unnamed Road	42	42	42	42	42	42	1	5	5	0	0	0
Brimblecombe Rd	Between Toowoomba Cecil Plains Road and Gowrie Mountain School Road	44	44	44	44	44	44	2	2	2	0	0	0
Bunkers Hill School Road	Between Gore Highway and Blackwell Road	49	49	49	50	50	50	0	0	0	0	0	0
Bushy Lane West	Between Gore Highway and 650m west of Gore Highway	50	50	50	50	51	51	1	1	1	0	0	0
Campbell Street	Between Millmerran Inglewood Road and Commens Street	51	51	51	51	52	52	2	2	2	0	0	0
Chamberlain Road	Between Warrego Highway and Robson Road	50	50	50	50	51	51	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Commodore Peak Road	Between Millmerran Inglewood Road and Blackwell Road	35	36	36	36	36	36	0	16	16	0	0	0
Condamine Street	Full Extent	52	52	52	52	52	52	0	0	0	0	0	0
Dieckmann Road	Between Gore Highway and Madelaine Street	50	50	50	50	51	51	0	0	1	0	0	0
Draper Road	Between Steger Road and Leesons Road	39	39	39	39	39	39	5	5	5	1	1	1
Drayton Wellcamp Road	Between Wellcamp Westbrook Road and Boundary Street South	55	55	55	55	55	55	0	1	1	0	0	0
Euston Road	Between Boundary Court and Greenwattle Street	58	58	58	59	59	59	0	0	0	0	0	0
Forestry Road	Between Millmerran Inglewood Road and Unnamed Road	50	50	50	50	51	51	0	3	2	0	0	0
Fysh Road	Between Gore Highway and Fysh Road	50	50	50	50	51	51	0	0	0	0	0	0
Gap Road	Between Gore Highway and Cypress Street	54	54	54	54	54	54	0	1	1	0	0	0
Geitz Road	Between Gore Highway and Luck Road	50	50	50	50	51	51	0	4	0	0	0	0
Gilgal Lane	Between Gore Highway and Railway Line	57	57	57	57	58	58	0	0	0	0	0	0
Greenwattle Street	Between Euston Road and Alderley Street	57	57	57	57	58	58	0	0	0	0	0	0
Grevillea Street	Full Extent	50	50	50	50	51	51	0	0	0	0	0	0
Hall Road	Between Gore Highway and Railway Line	57	57	57	57	58	58	0	0	0	0	0	0
Heckendorf Road	Between Millmerran Inglewood Road and Bora Creek Road	35	35	35	35	35	35	1	1	10	3	2	0
Kahler Road	Between Murlaggan Road and Glen Devon Road	50	50	50	50	51	51	0	0	0	0	0	0
Kooroongara Road	Between Millmerran Inglewood Road and Bliss Road	40	40	40	40	40	40	0	0	12	4	0	0
Kooroongarra Road	Between Millmerran Inglewood Road and Halls Road	40	40	40	40	40	40	0	14	14	0	0	0
Kooroongarra Road	Between Millwood Road and Cunningham Highway	41	41	41	41	41	41	0	0	5	1	0	0
Leesons Road	Full Extent	41	41	41	41	41	41	4	4	6	2	1	1
Lindenmayer Road	Between Gore Highway and Unnamed Road	57	57	57	57	58	58	0	0	0	0	0	0
Linthorpe Road	Between Gore Highway and Loveday Road	44	44	44	44	44	44	2	10	3	0	0	0
Lochaber Road	Between McEwan Lane and Gore Highway	47	47	47	47	47	47	1	1	1	0	0	0
Macaulay Road	Between Blackwell Road and Wellcamp Westbrook Road	50	50	50	50	50	50	0	0	0	0	0	0
McDougall Street	Between Toowoomba Cecil Plains Road and Hursley Road	60	60	60	60	60	60	0	0	0	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Millwood Road	Between Millmerran Inglewood Road and Kooroongarra Road	36	36	36	36	37	37	7	16	17	3	3	1
Murlaggan Road	Between Gore Highway and Roche Road	39	39	39	40	40	40	16	16	13	5	1	1
Murlaggan Road	Between Roche Road and Yarranlea Road	39	39	39	40	40	40	0	0	2	0	0	0
Omara Road	Between Toowoomba Cecil Plains Road and Warrego Highway	58	58	58	58	58	58	0	0	0	0	0	0
Owens Scrub Road	Between Millmerran Inglewood Road and Foxwood Road	44	44	44	44	44	44	2	3	3	0	1	0
Paint Mine Road	Between Gore Highway and Loveday Road	50	50	50	50	51	51	0	0	0	0	0	0
Paton Road	Between Millmerran Inglewood Road and Kooroongarra Road	50	50	50	50	51	51	1	1	1	0	0	0
Pittsworth Felton Road	Between Cypress Street and Golf Course Road	57	57	57	57	58	58	0	0	0	0	0	0
Railway Street	Between Short Street and Vines Street	39	39	39	39	40	40	2	5	5	1	0	0
Roche Road	Between Murlaggan Road and Saint Helens Road	56	56	56	56	57	57	0	0	0	0	0	0
Saleyards Road	Between Millmerran Inglewood Road and Gore Highway	47	47	47	48	48	48	0	0	0	0	0	0
Scrubby Road	Between Gore Highway and Jentz Road	48	49	49	49	49	49	0	4	0	0	0	0
Short Street	Between Yandilla Street and Toowoomba Road	49	49	49	49	49	49	0	1	1	0	0	0
Six Mile Road	Between Rodney Road and Bligh Street	36	36	36	36	36	36	2	5	6	0	0	0
Steger Road	Between Warrego Highway and Draper Road	39	39	39	39	39	39	5	5	5	1	1	1
Toowoomba Road	Between Vines Street and Gore Highway	47	48	48	48	48	48	0	1	1	0	0	0
Tummaville Road	Between Gore Highway and Mann Silo Road	43	43	43	43	43	43	0	9	0	1	1	0
Unnamed Road	Between Gore Highway and Millmerran Indoor Sports Centre	57	57	57	57	58	58	2	2	1	0	0	0
Unnamed Road	Between Toowoomba Cecil Plains Road and Unnamed Road	50	50	50	50	51	51	0	0	0	0	0	0
Unnamed Road	Between Tummaville Road and Scrubby Road	50	50	50	50	51	51	0	3	0	0	0	0
Unnamed Road	Between Drayton Westbrook Road and Unnamed Road	50	50	50	50	51	51	0	0	0	0	0	0
Unnamed Road	Between Bostock Road and Unnamed Road	50	50	50	50	51	51	0	1	1	0	0	0
Unnamed Road	Between Forestry Road and Unnamed Road	50	50	50	50	51	51	0	3	2	0	0	0
Unnamed Road	Between Gore Highway and Private Access	50	50	50	50	51	51	1	1	1	0	0	0

Road Name	Road Section	$L_{A10\ (1\ hour)}$ (dB(A)) without development						Increase in $L_{A10\ (1\ hour)}$ (dB(A)) due to development					
		2021	2022	2023	2024	2025	2026	2021	2022	2023	2024	2025	2026
Ware Street	Between Gore Highway and Railway Line	50	50	50	50	51	51	0	0	1	0	0	0
Wellcamp Westbrook Road	Between Macaulay Road and Toowoomba Cecil Plains Road	50	50	50	50	50	50	0	0	0	0	0	0
Wellcamp Westbrook Road	Between Toowoomba Cecil Plains Road and Drayton Wellcamp Road	52	52	52	52	53	53	0	1	1	0	0	0
West Street	Between Gore Highway and Rodney Road	45	45	45	45	45	45	0	1	1	0	0	0
Yarranlea Road	Between Gore Highway and Railway Line	37	37	37	37	38	38	5	8	8	2	1	1
Yarranlea Road	Between Railway Line and Saint Helens Road	37	37	37	37	38	38	0	0	3	0	0	0