

APPENDIX

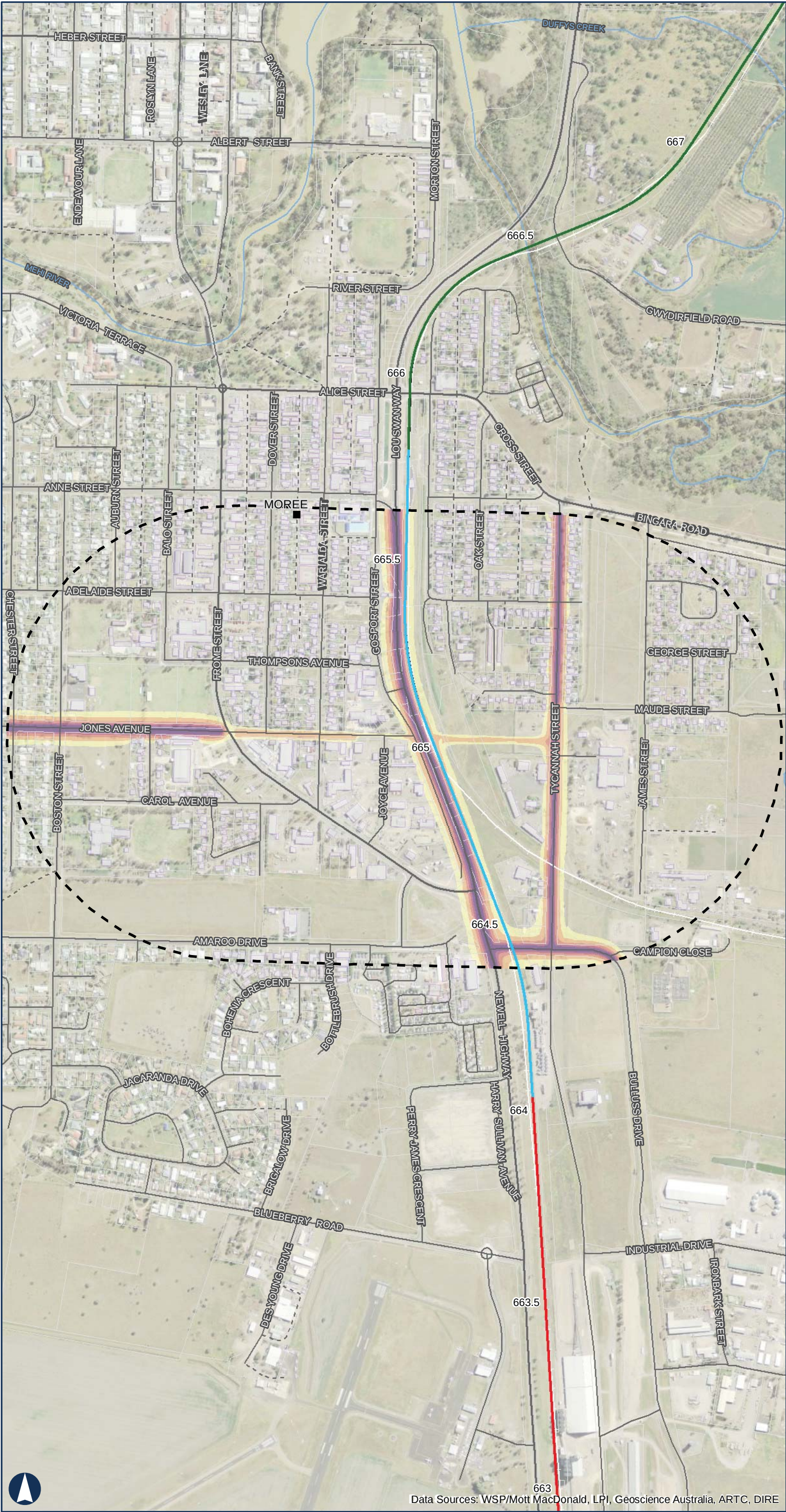
D

Operational Noise and Vibration Assessment

Attachment E Operational Road Noise Modelling Contours

NARRABRI TO NORTH STAR SUBMISSIONS PREFERRED INFRASTRUCTURE REPORT





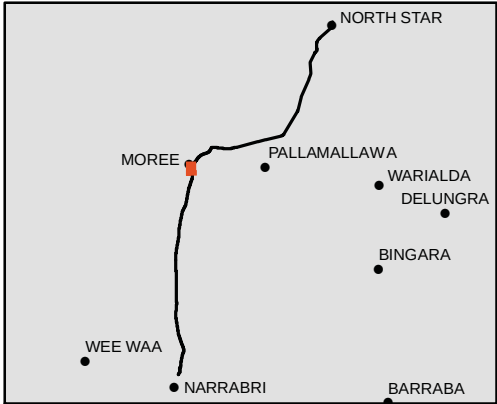
NARRABRI TO NORTH STAR

Appendix E
Road Noise Modelling Contours: 2020
Noise Model Results - LAeq Build Night Time
Sheet 1 of 1

LEGEND

- Townships
- Highway
- Local Road
- Track
- Existing Rail Network
- Watercourse
- Phase 3 Track Alignment
- Road Noise Study Area
- Cadastre
- Building Footprints
- Rail Speeds (km/h)
 - 60
 - 105
 - 145
- Noise Contours (dB(A))
 - 50
 - 52.5
 - 55
 - 57.5
 - 60

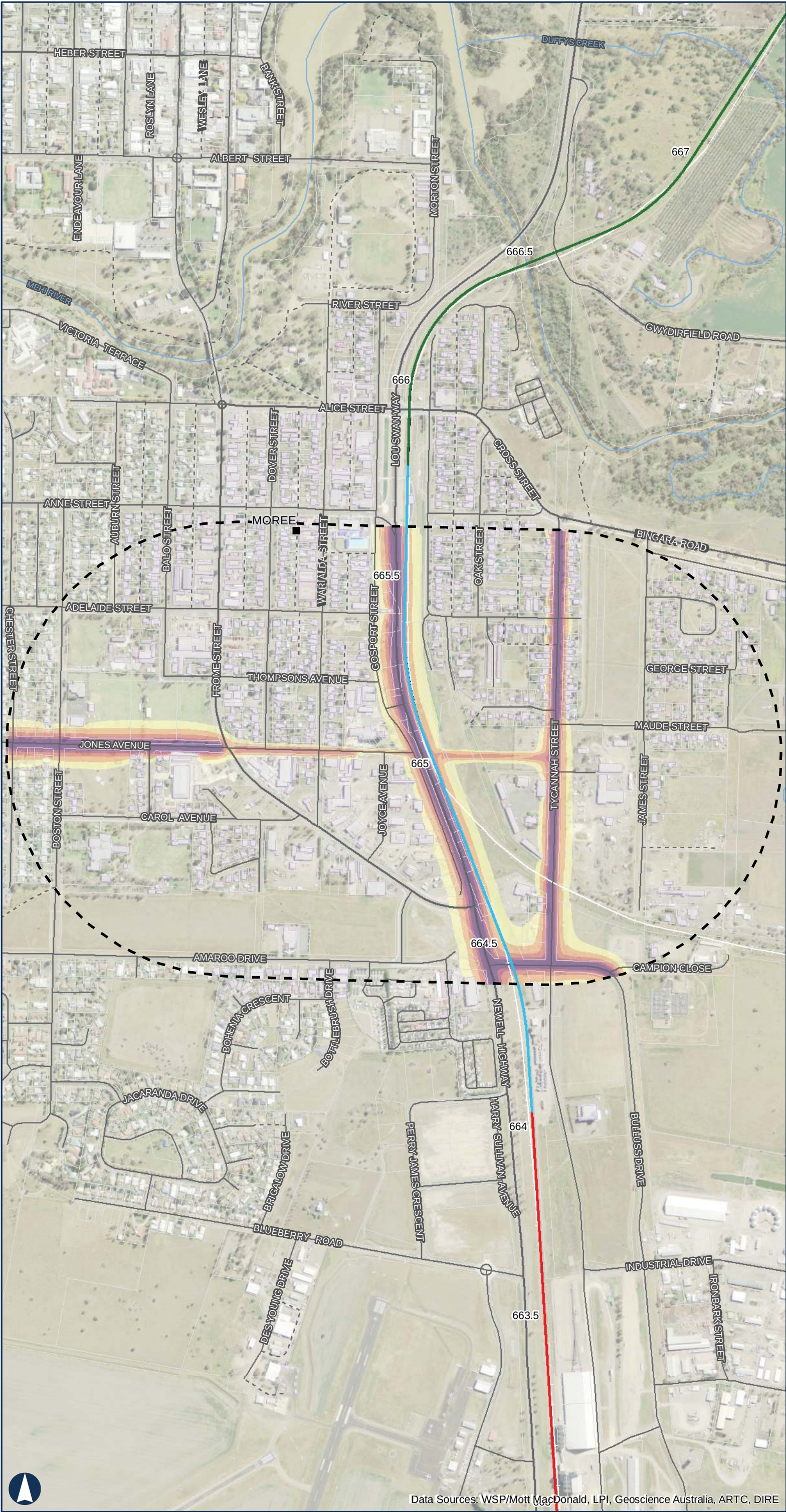
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Coordinate System: GDA 1994 MGA Zone 55

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Paper: A3
Date: 18/08/2019
Author: IRDJV
Scale: 1:10,000



NARRABRI TO NORTH STAR

Appendix E

Road Noise Modelling Contours: 2030

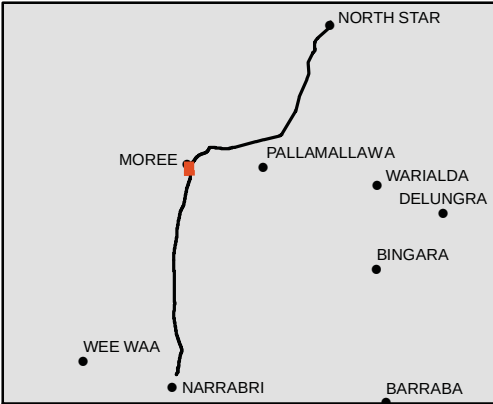
Noise Model Results - LAeq Build Daytime

Sheet 1 of 1

LEGEND

- Townships
- Highway
- Local Road
- - - Track
- Existing Rail Network
- Watercourse
- Phase 3 Track Alignment
- Road Noise Study Area
- Cadastre
- Building Footprints
- Rail Speeds (km/h)
 - 60
 - 105
 - 145
- Noise Contours (dB(A))
 - 55
 - 57.5
 - 60
 - 62.5
 - 65

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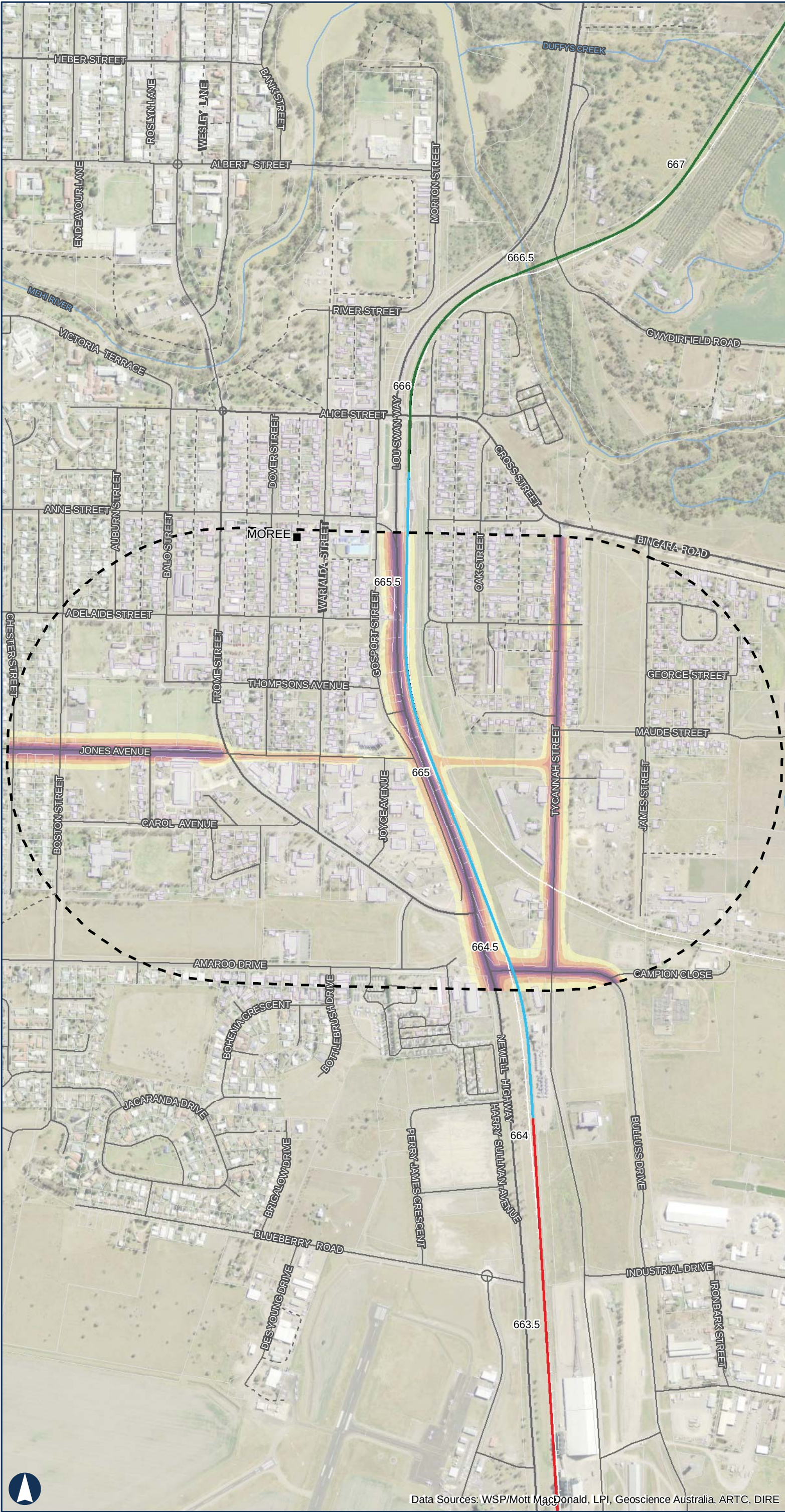
Date: 18/08/2019

Author: IRDJV

Scale: 1:10,000

Data Sources: WSP/Mott MacDonald, LPI, Geoscience Australia, ARTC, DIRE





NARRABRI TO NORTH STAR

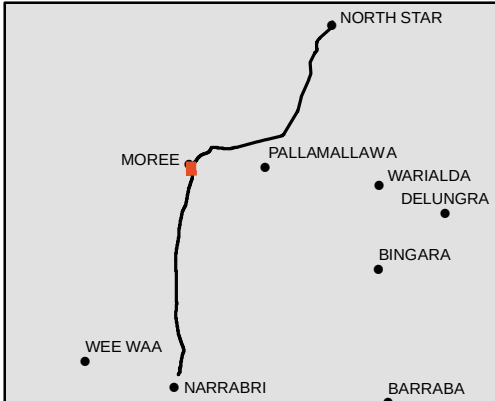
Appendix E

Road Noise Modelling Contours: 2030
Noise Model Results - LAeq Build Night Time
Sheet 1 of 1

LEGEND

- Townships
- Highway
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