# TECHNICAL REPORT

08

# Updated noise and vibration assessment—construction and other operations

(Part 4 of 5)

**NARROMINE TO NARRABRI PROJECT** 

# TECHNICAL REPORT

08

Updated noise and vibration assessment—construction and other operations

**Appendix H** Construction noise contours, scenario construction infrastructure (combined)

**NARROMINE TO NARRABRI PROJECT** 





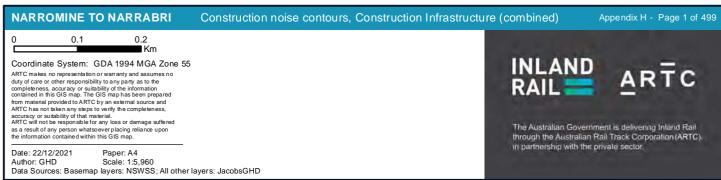
---- Night-time noise managment level

# Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)





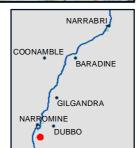


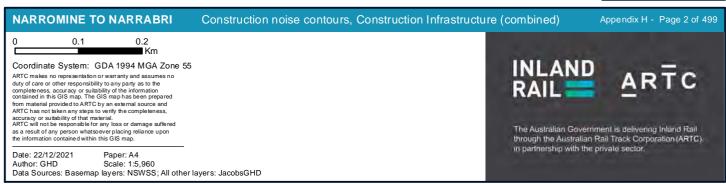
---- Night-time noise managment level

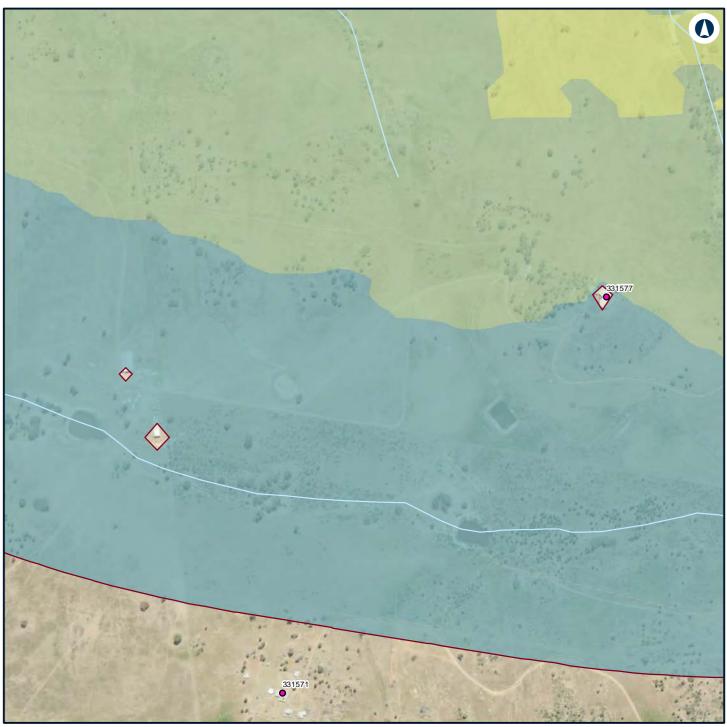
# Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







---- Night-time noise managment level

# Structure type

Residential

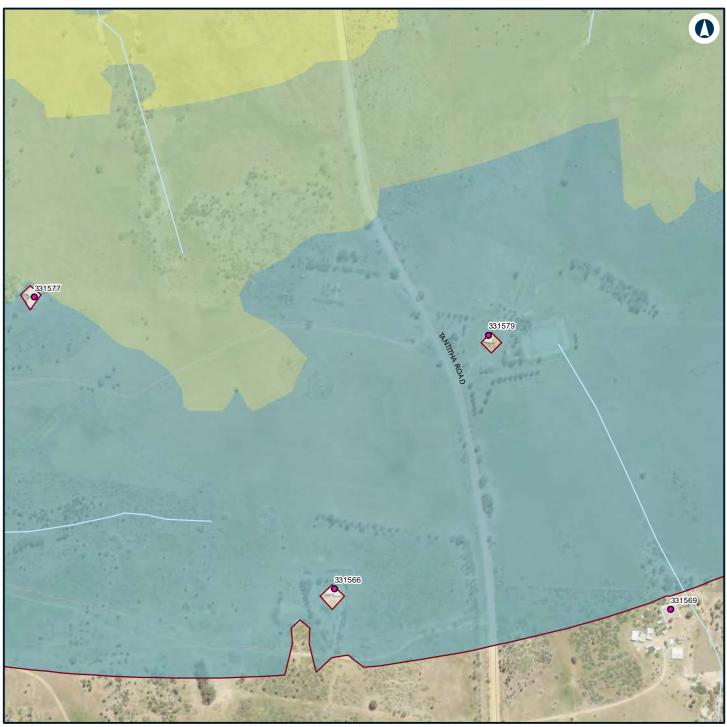
#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







---- Night-time noise managment level

# Structure type

Residential

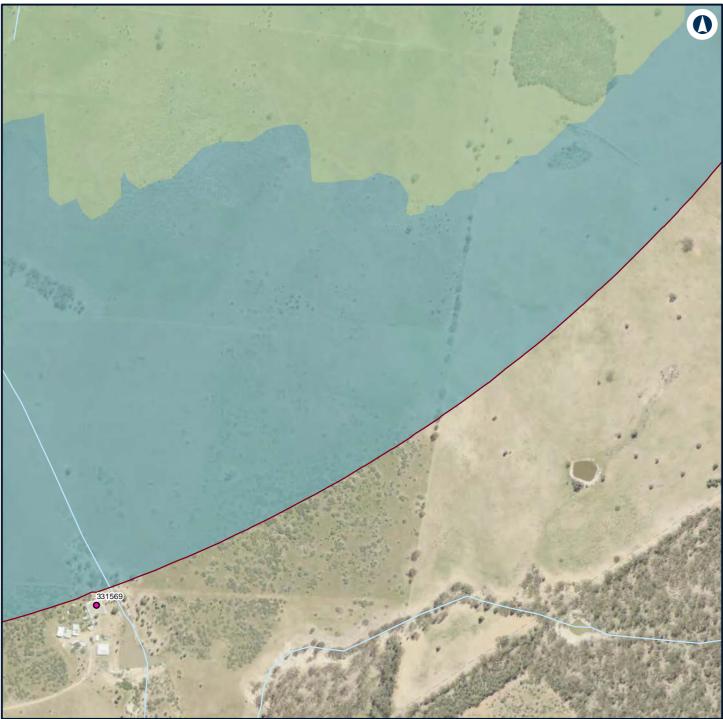
#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







---- Night-time noise managment level

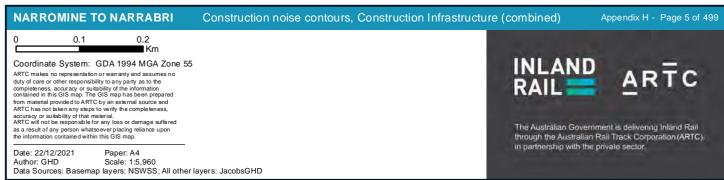
# Structure type

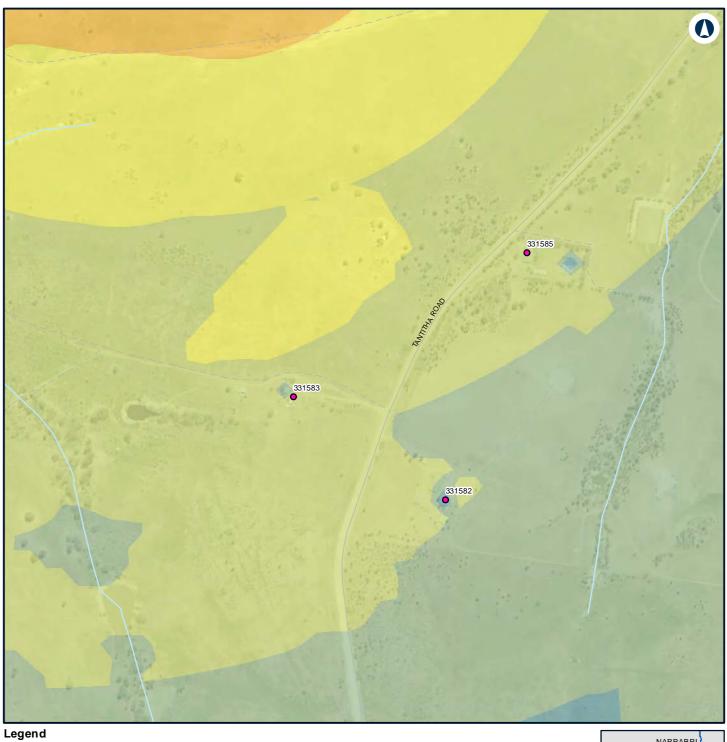
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







— Night-time noise managment level 55 - 60

# Structure type

Residential

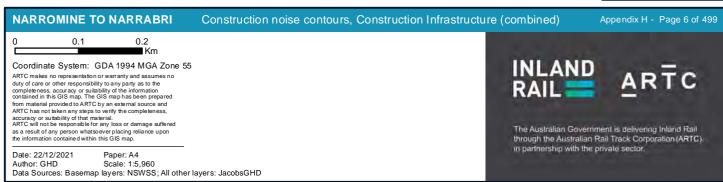
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

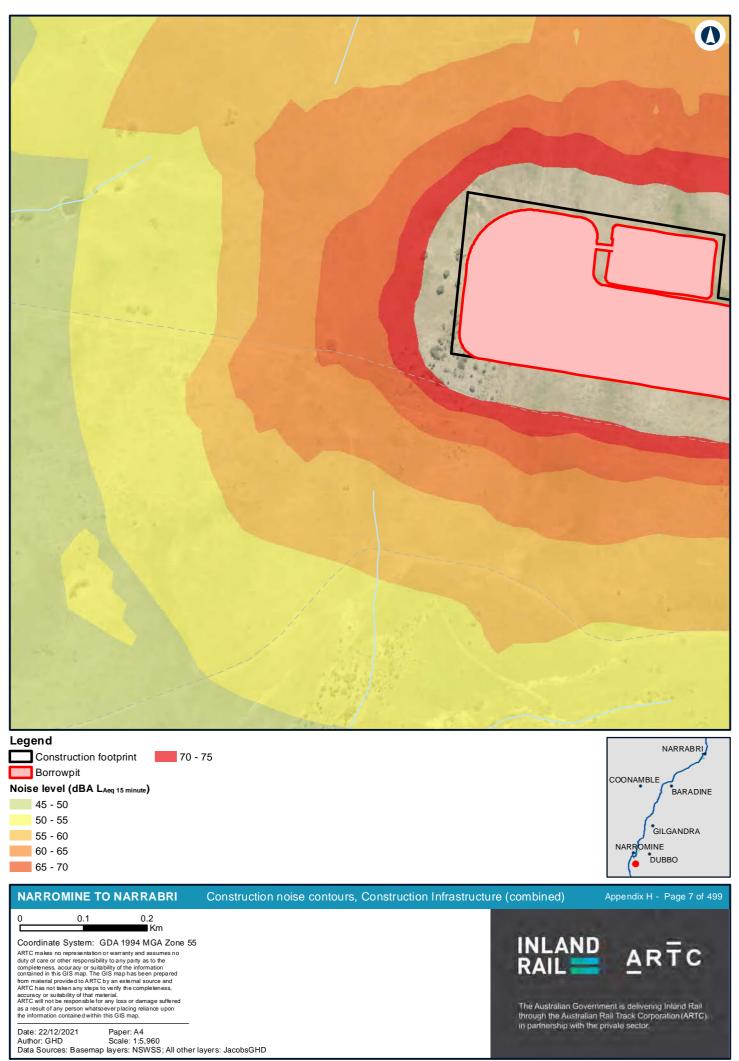
35 - 40

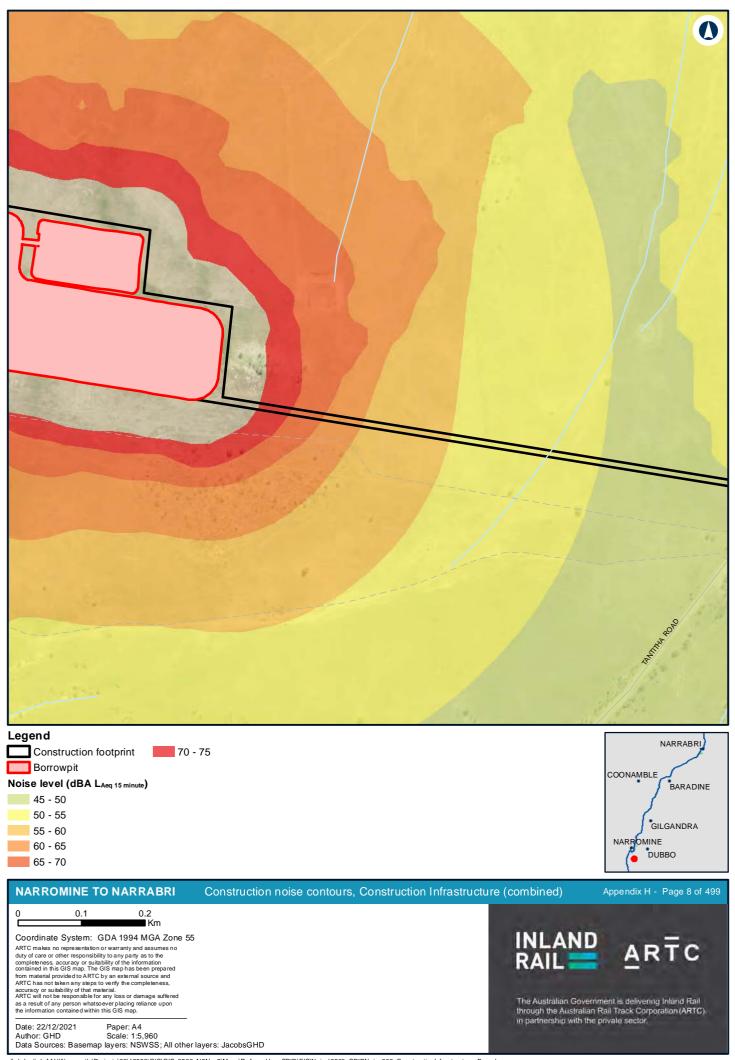
40 - 45

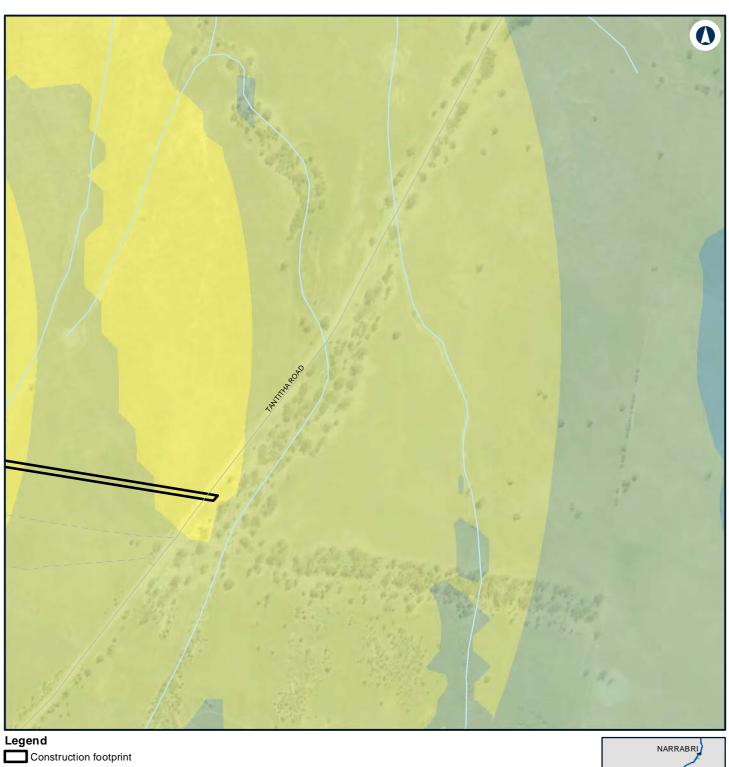
45 - 50









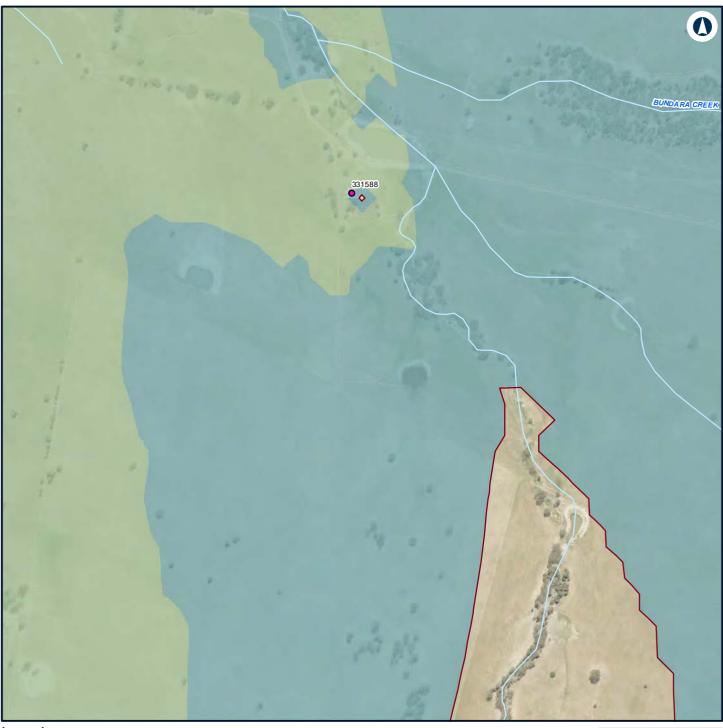




45 - 50 50 - 55







---- Night-time noise managment level

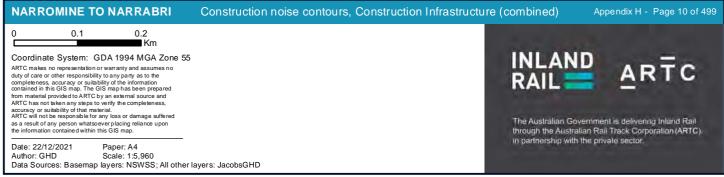
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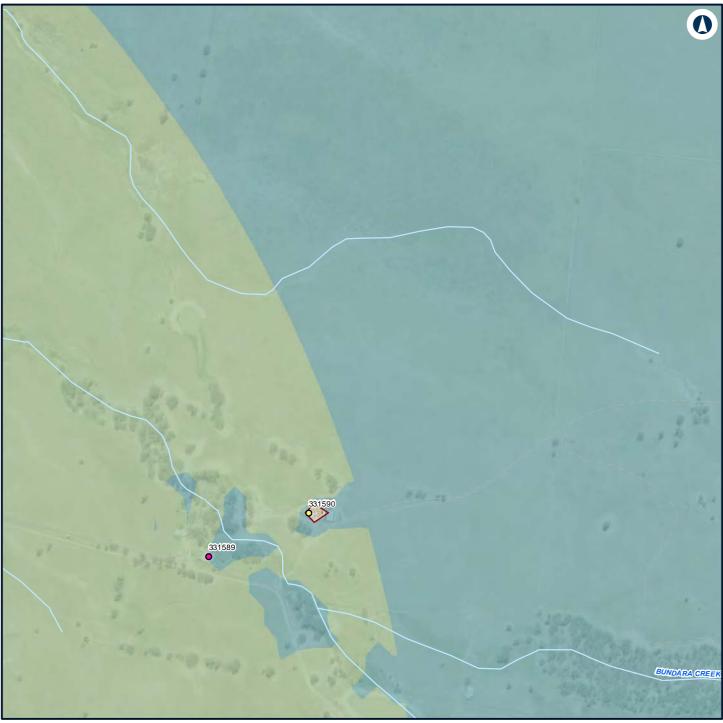
Residential

#### Noise level (dBA LAeq 15 minute)

35 - 40







---- Night-time noise managment level

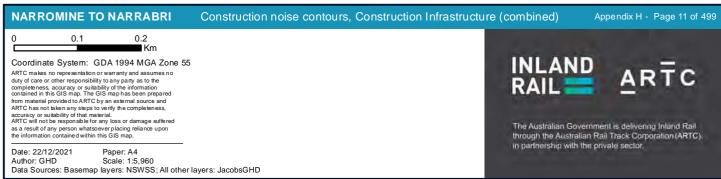
# Structure type

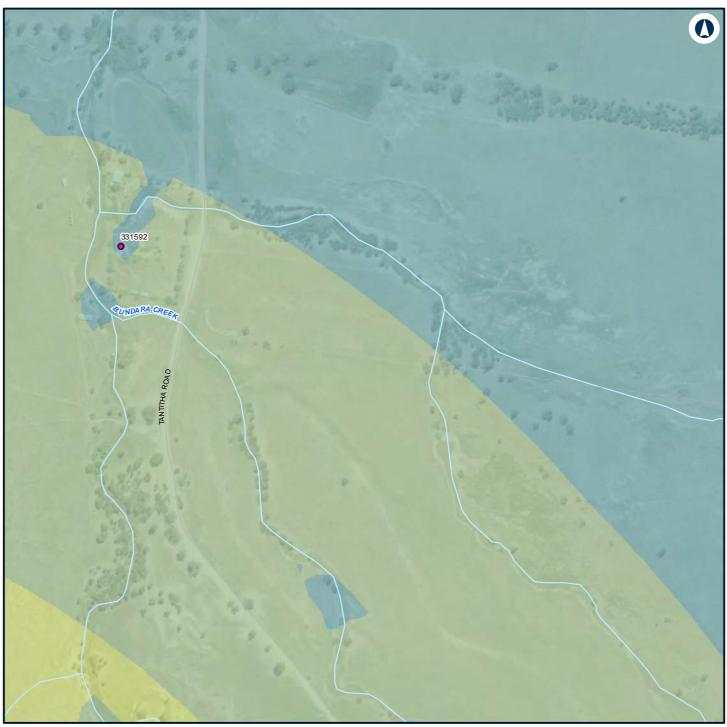
- Community
- Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







# Structure type

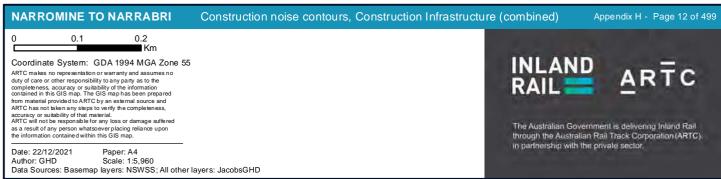
Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







---- Night-time noise managment level

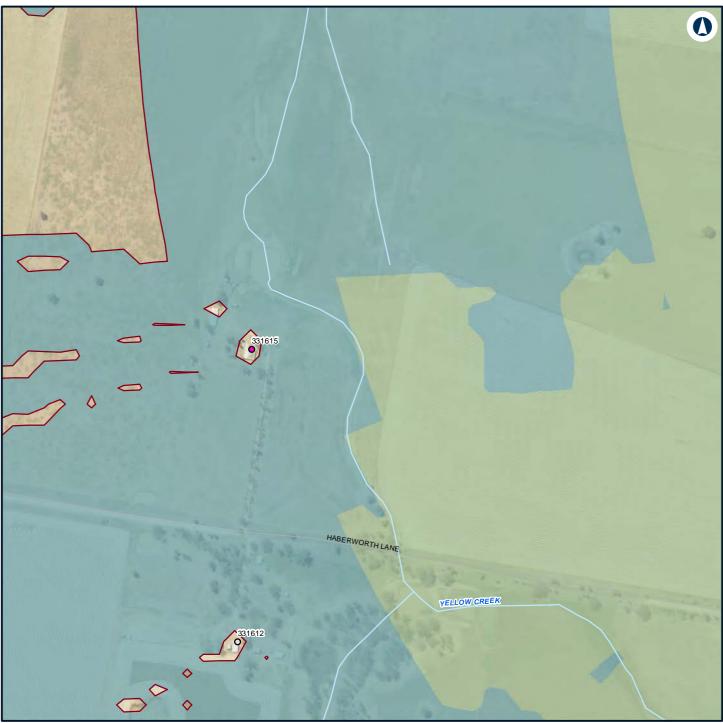
# Structure type

Residential

Noise level (dBA LAeq 15 minute)







---- Night-time noise managment level

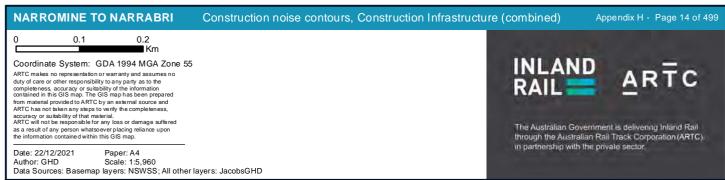
# Structure type

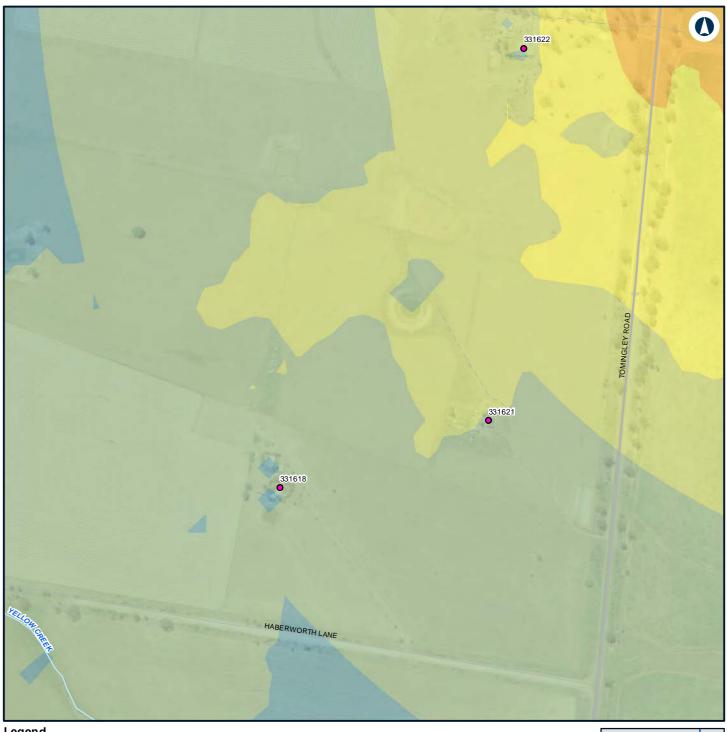
- O Commercial/Industrial
- Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







# Structure type

Residential

# Noise level (dBA LAeq 15 minute)

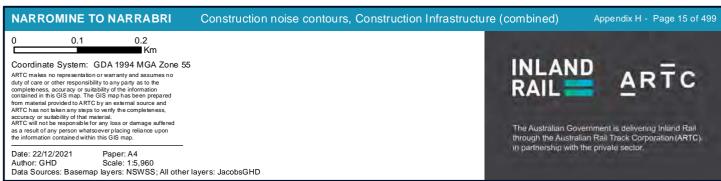
35 - 40

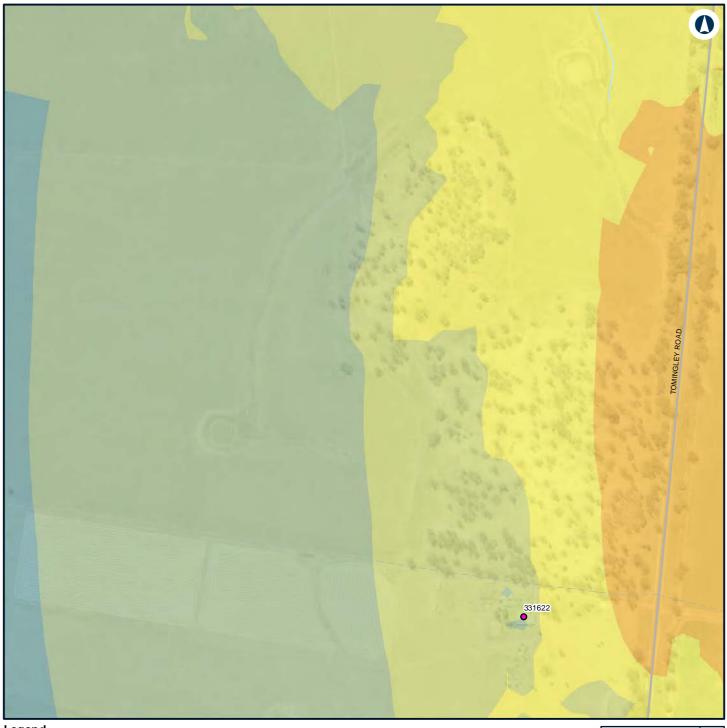
40 - 45

45 - 50

50 - 55







# Structure type

Residential

# Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55

55 - 60



#### NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

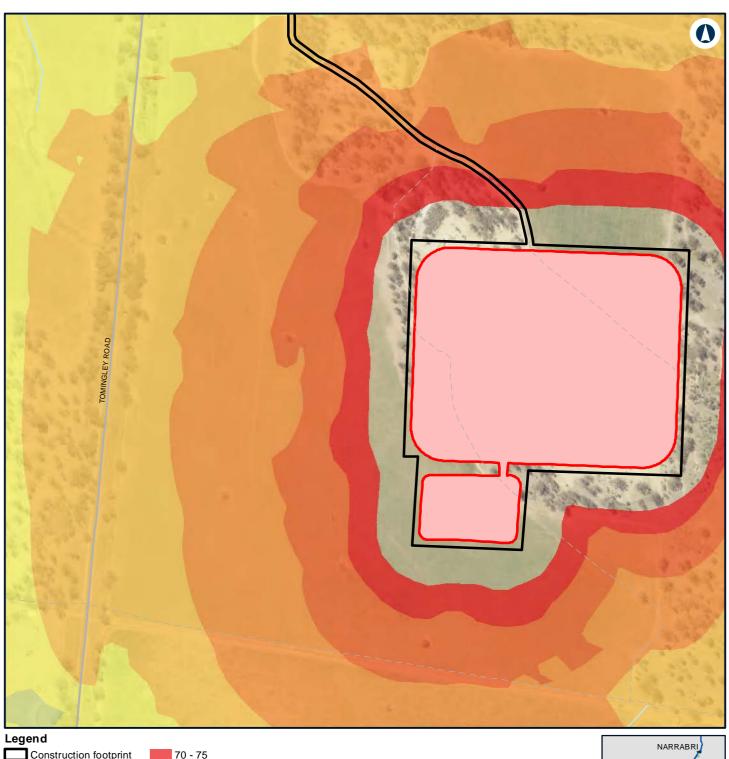
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

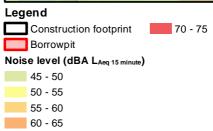
Date: 22/12/2021

Paper: A4 Scale: 1:5,960

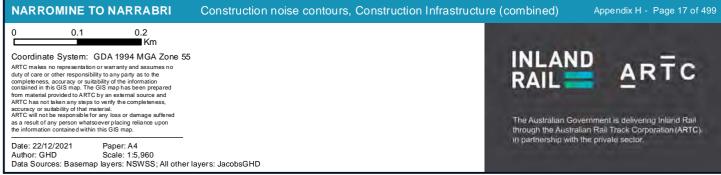
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

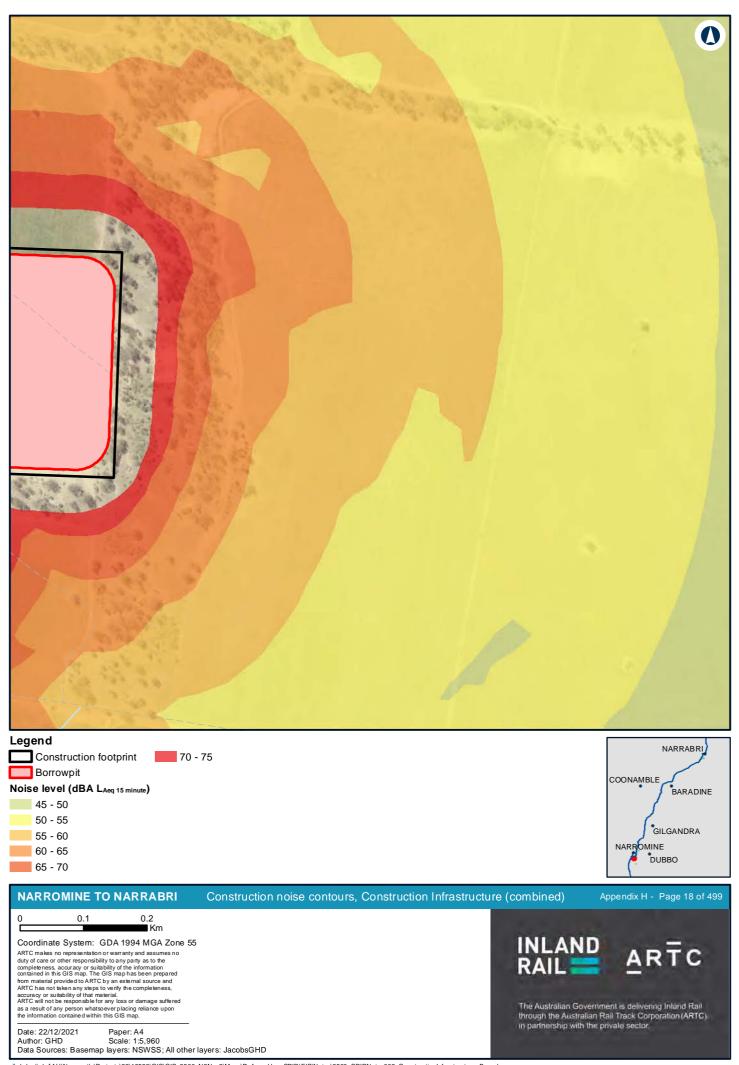
INLAND ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector.













---- Night-time noise managment level

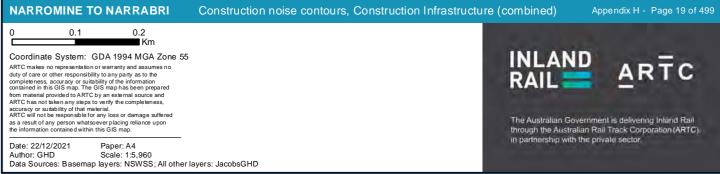
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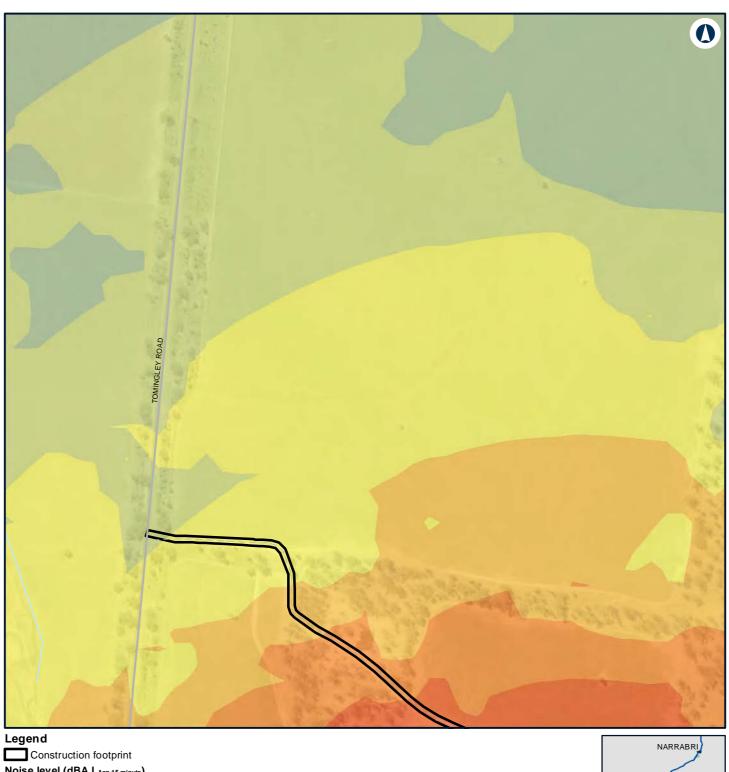
Residential

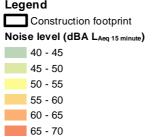
#### Noise level (dBA LAeq 15 minute)

35 - 40















---- Night-time noise managment level

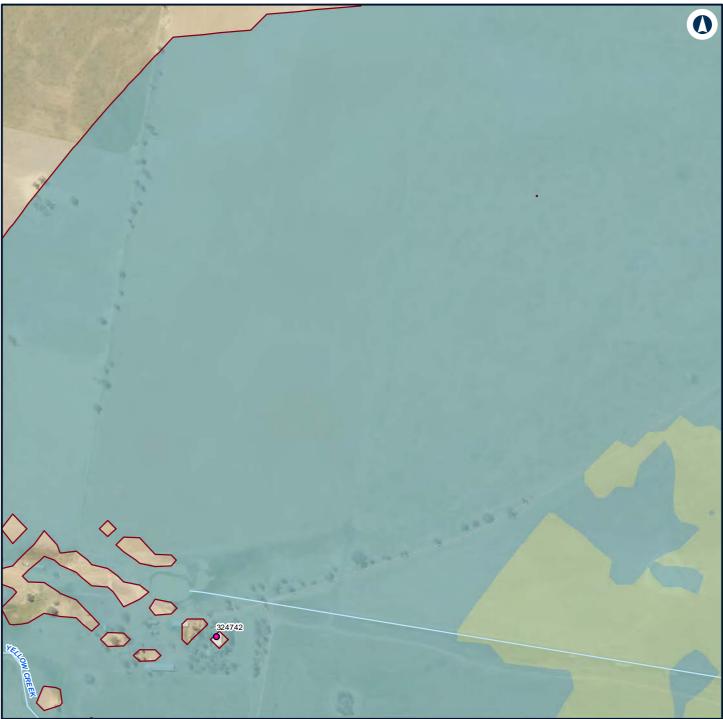
# Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







---- Night-time noise managment level

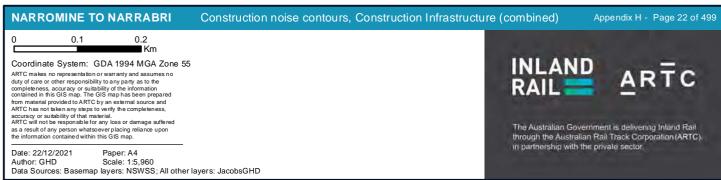
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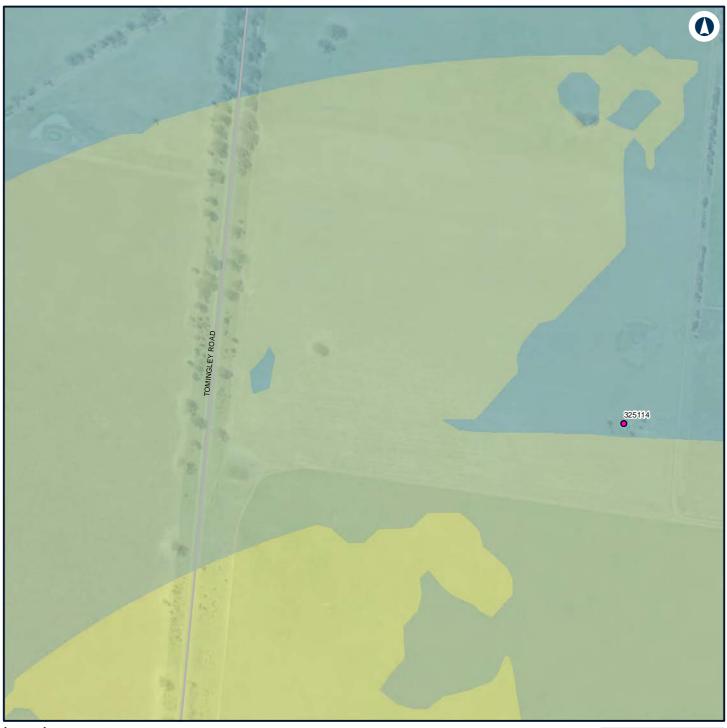
Residential

#### Noise level (dBA LAeq 15 minute)

35 - 40







# Structure type

Residential

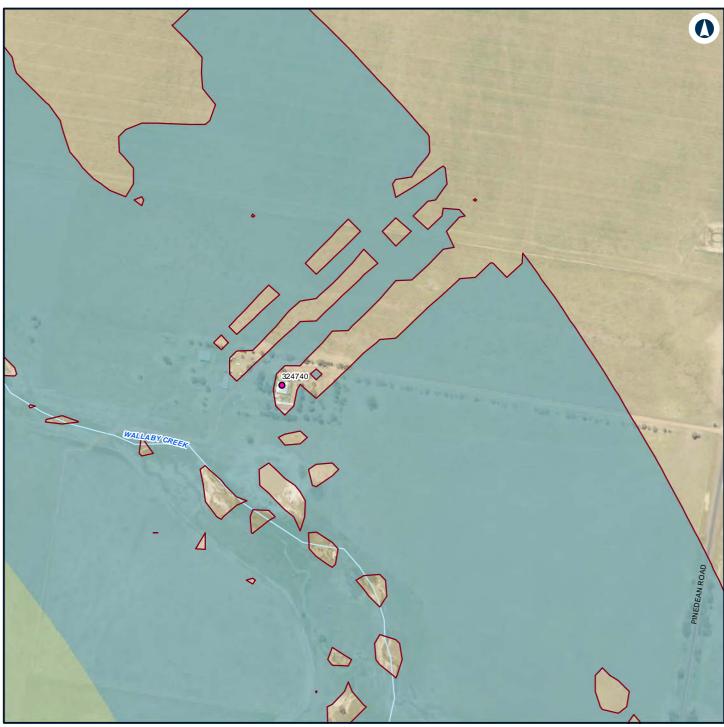
# Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







---- Night-time noise managment level

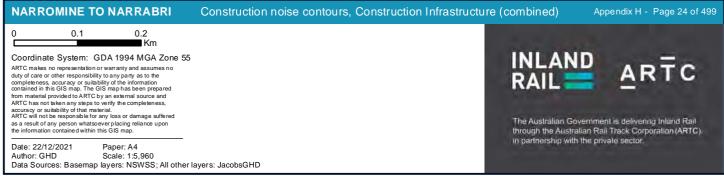
# Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







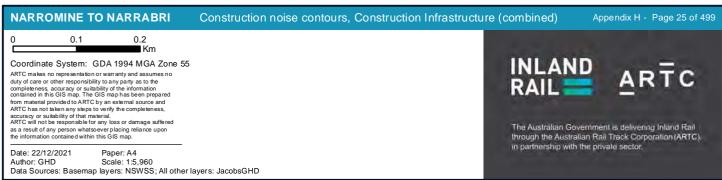
---- Night-time noise managment level

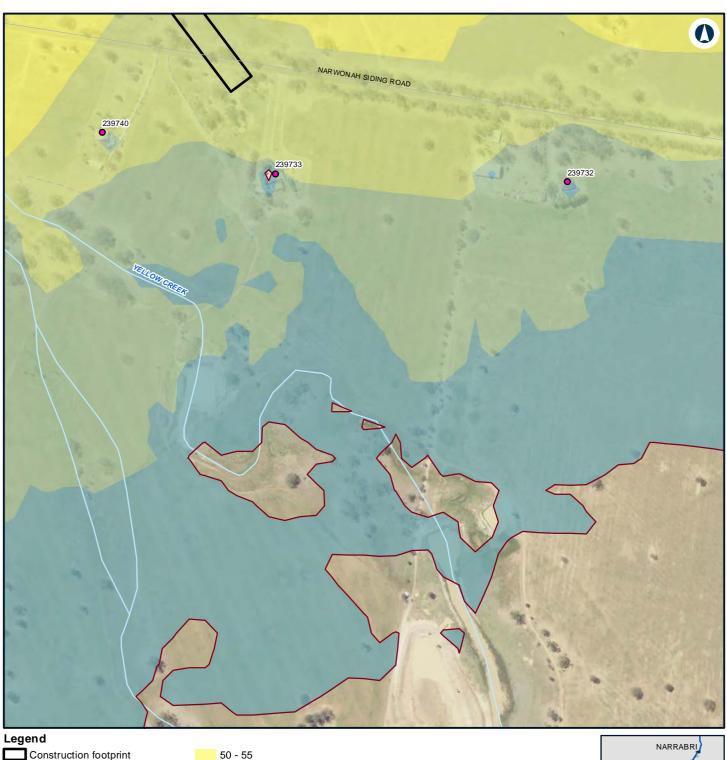
# Structure type

Residential

Noise level (dBA LAeq 15 minute)







Construction footprint Night-time noise managment level 55 - 60

# Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

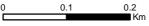
35 - 40 40 - 45

45 - 50



# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)



Coordinate System: GDA 1994 MGA Zone 55

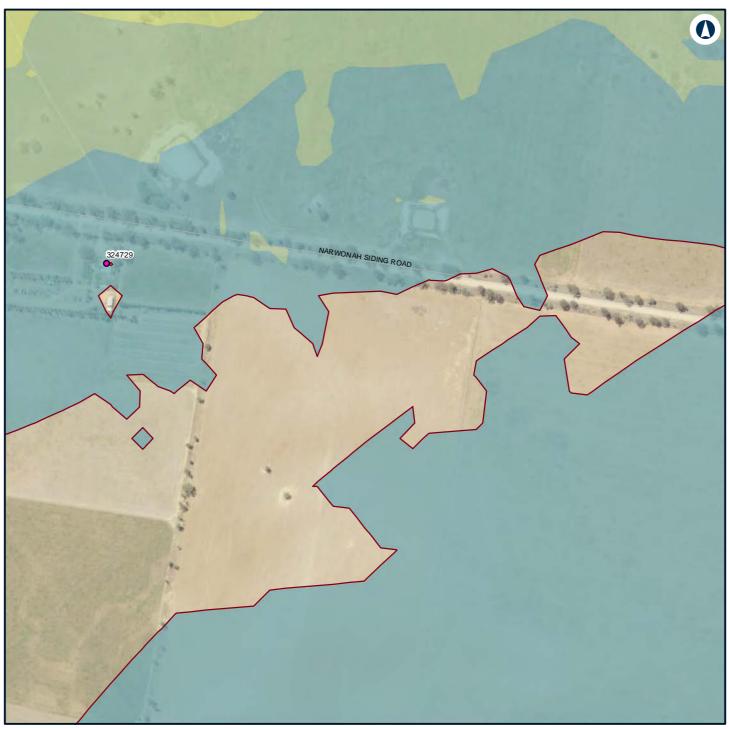
COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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Date: 22/12/2021

Paper: A4 Scale: 1:5,960 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





---- Night-time noise managment level

# Structure type

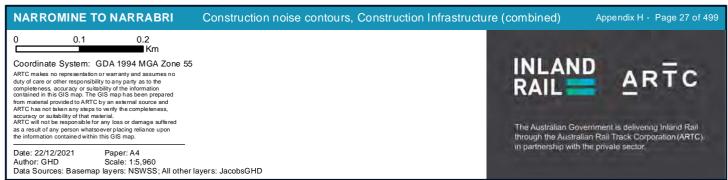
Residential

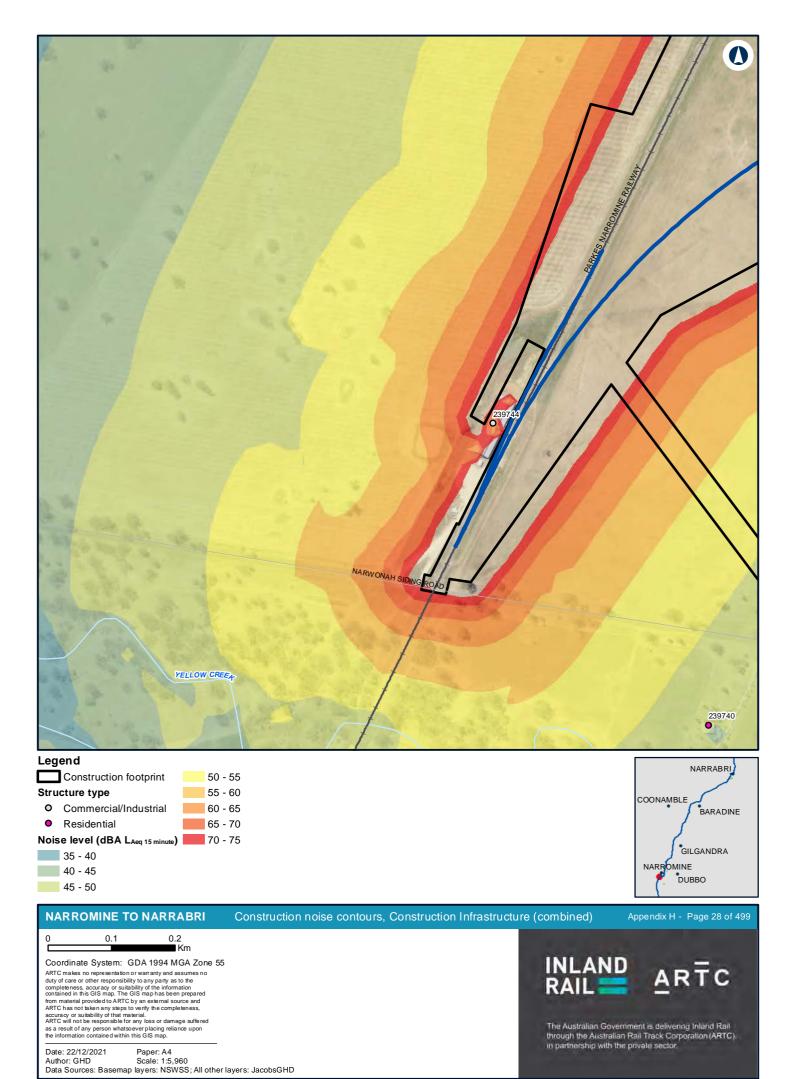
#### Noise level (dBA LAeq 15 minute)

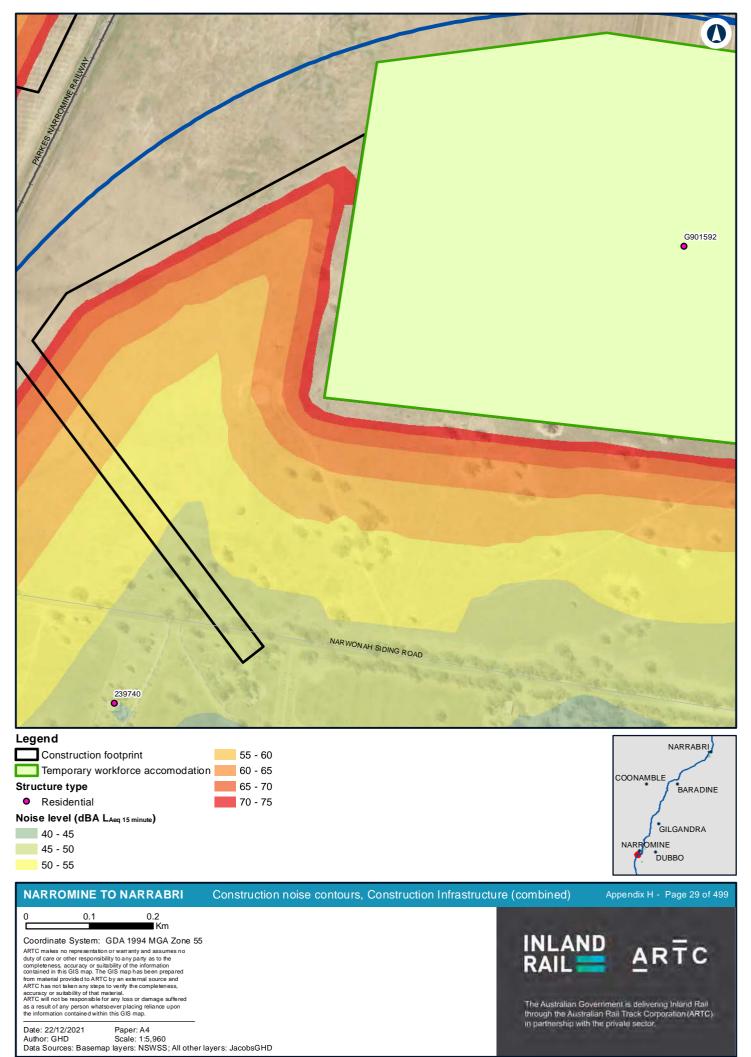
35 - 40

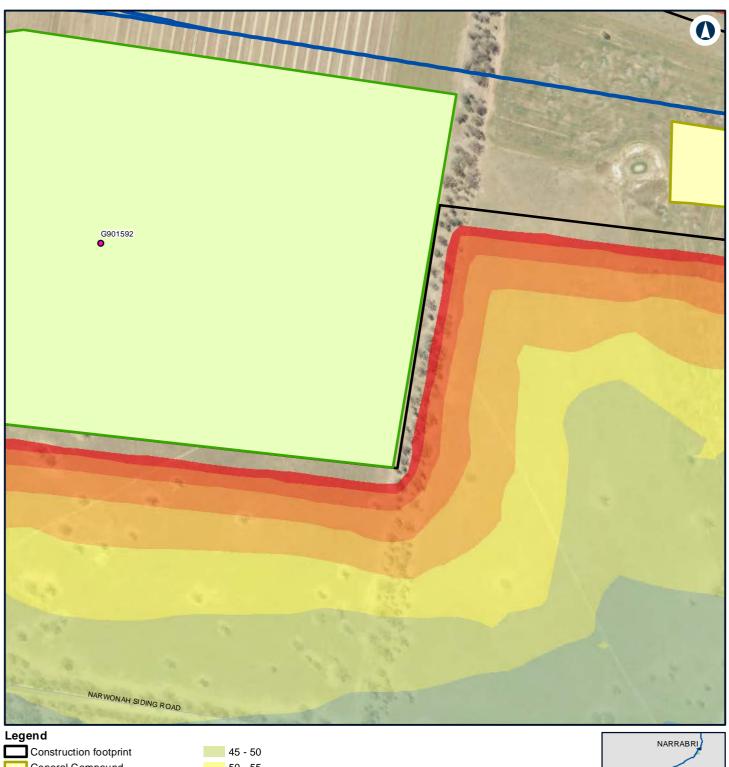
40 - 45

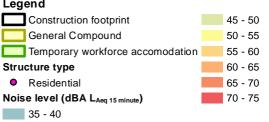




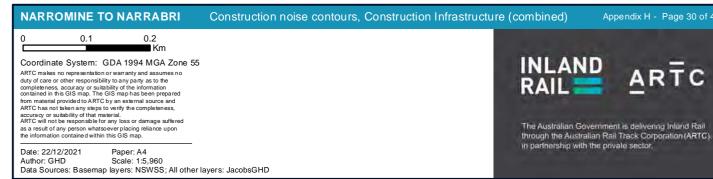


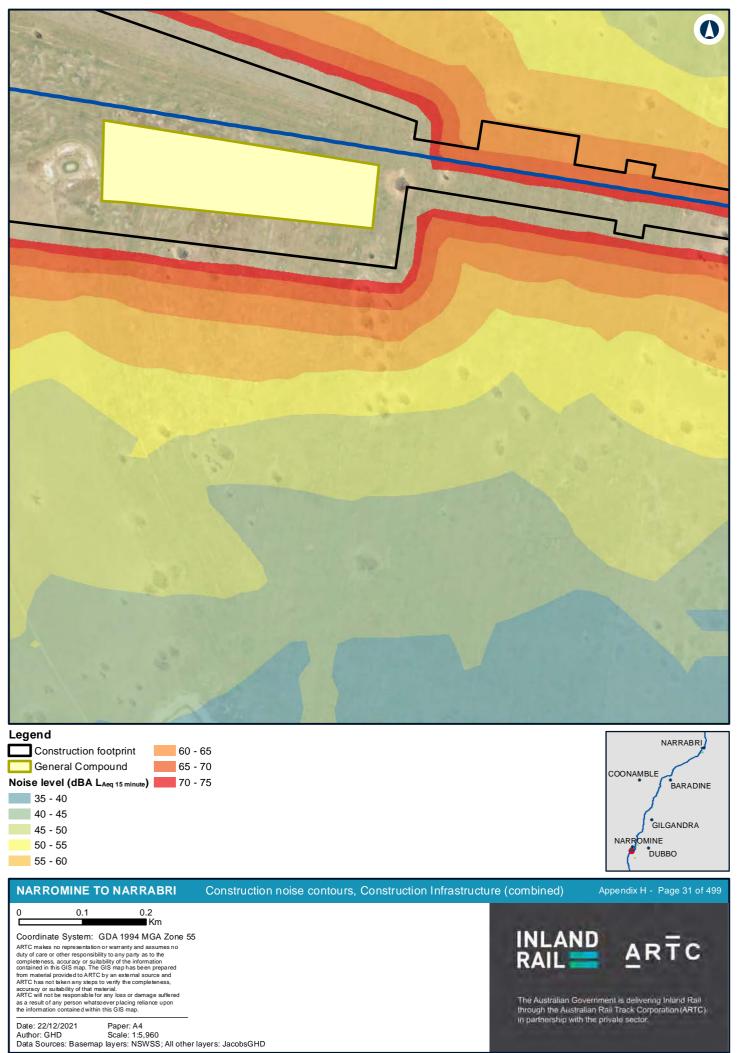


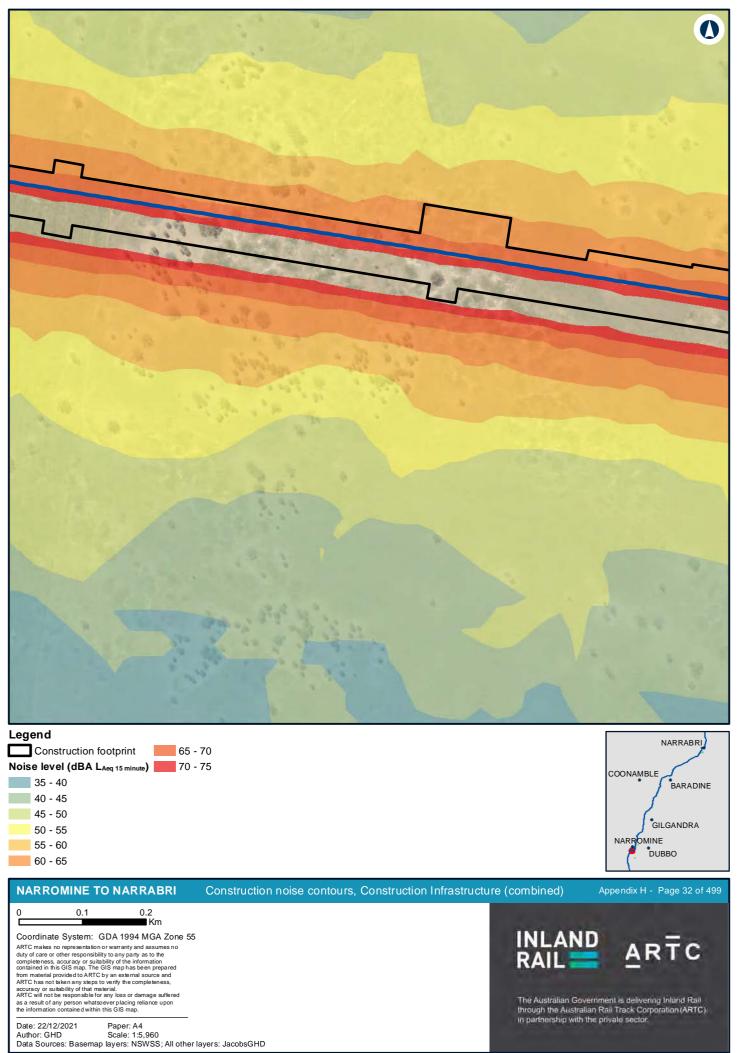


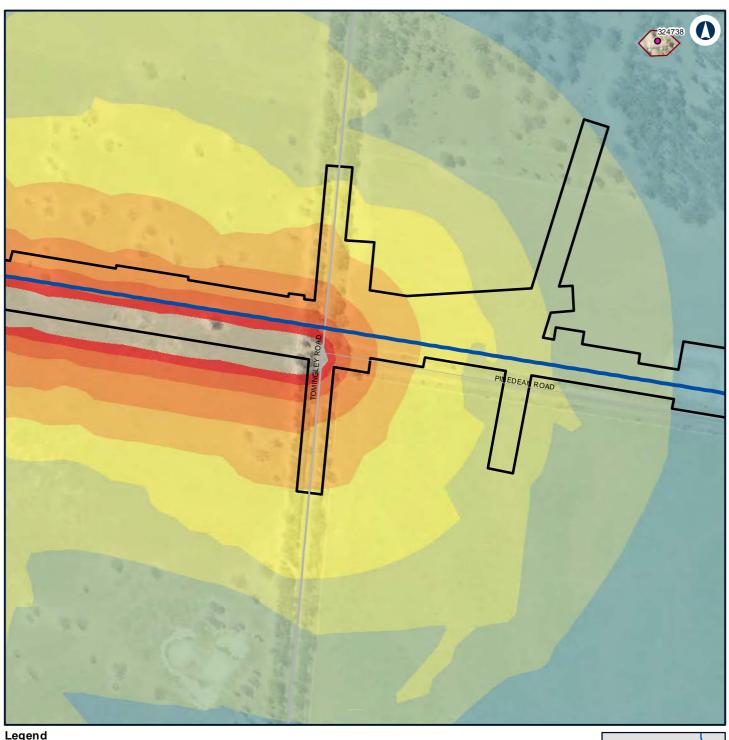


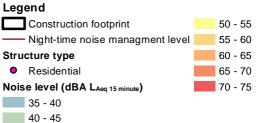




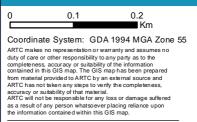








NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO



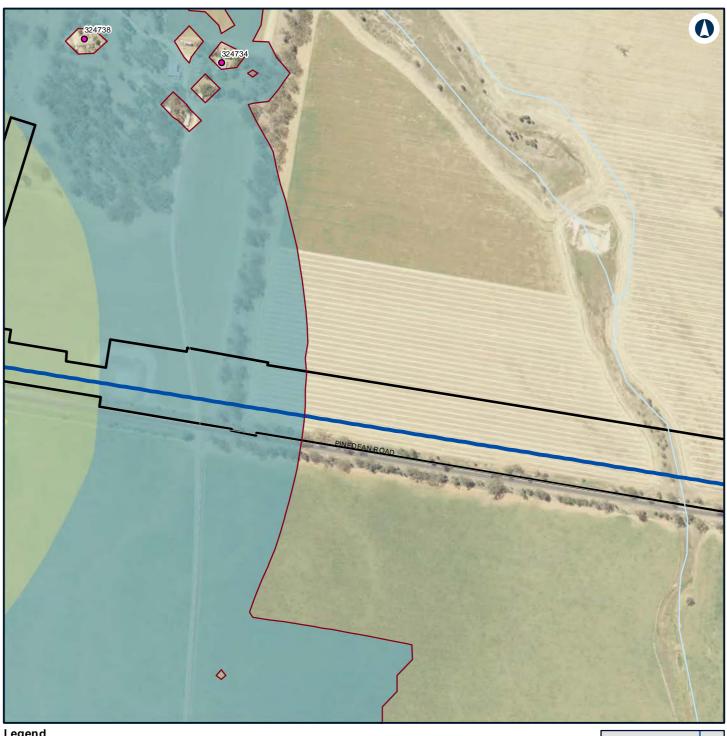
NARROMINE TO NARRABRI

Date: 22/12/2021

45 - 50

Paper: A4 Scale: 1:5,960 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD







Construction footprint

Night-time noise managment level

#### Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2 INLAND RAIL ARTC Coordinate System: GDA 1994 MGA Zone 55 COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector. Paper: A4 Scale: 1:5,960 Date: 22/12/2021

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



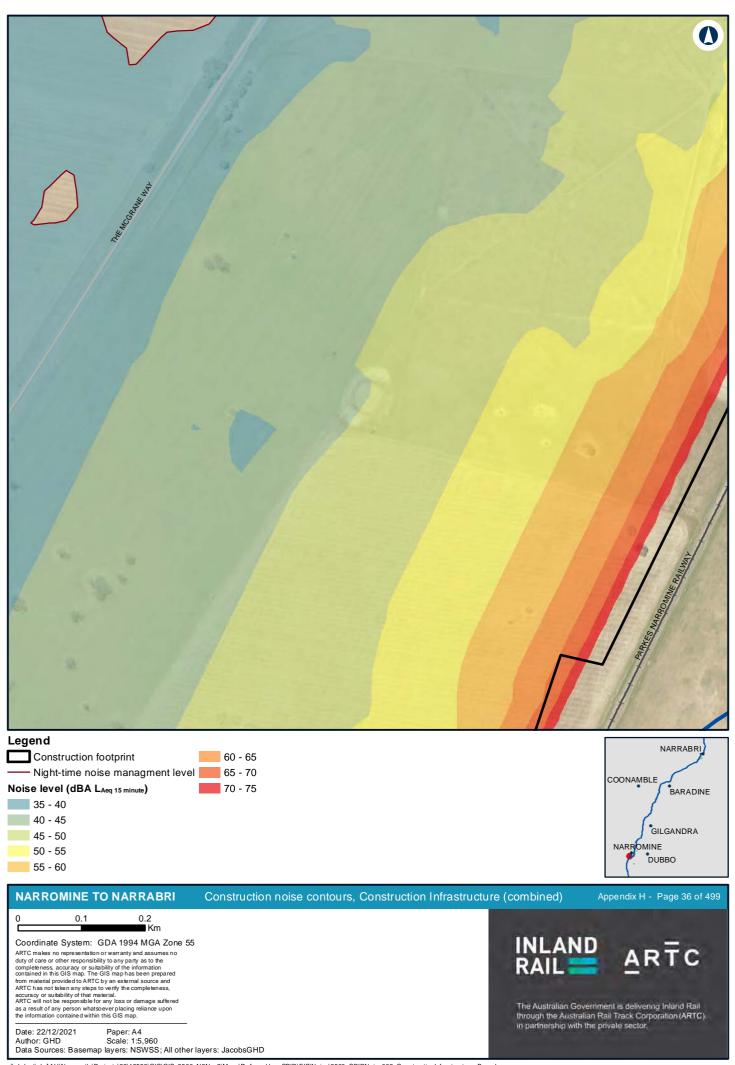
Construction footprint

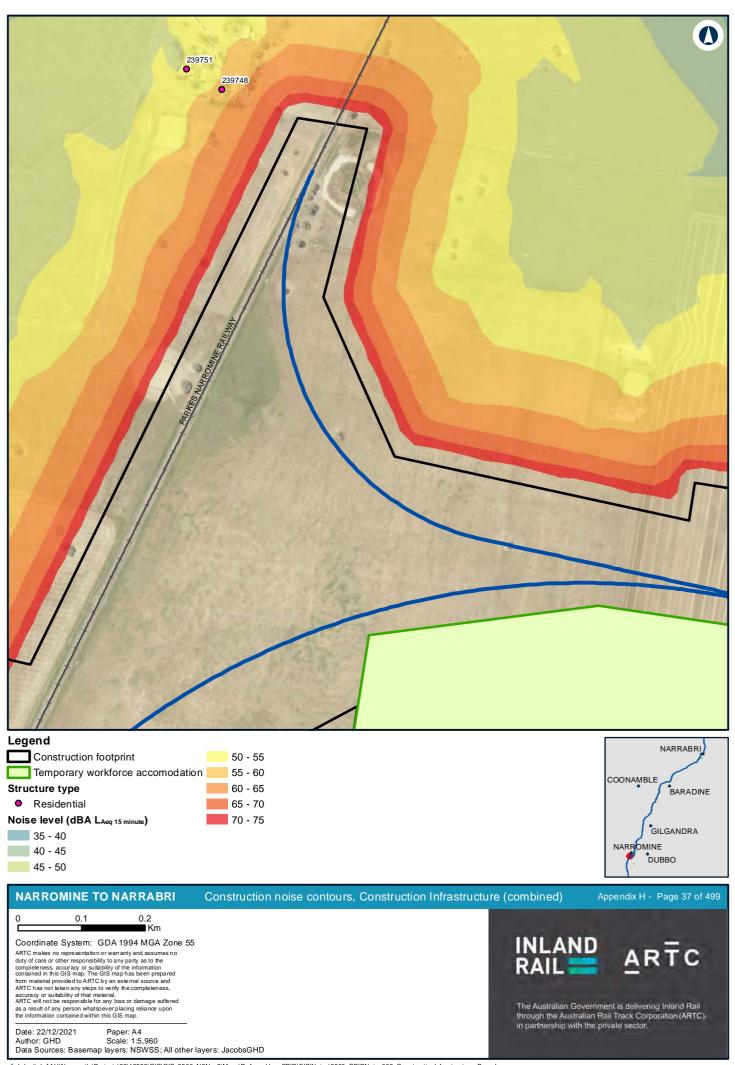
— Night-time noise managment level

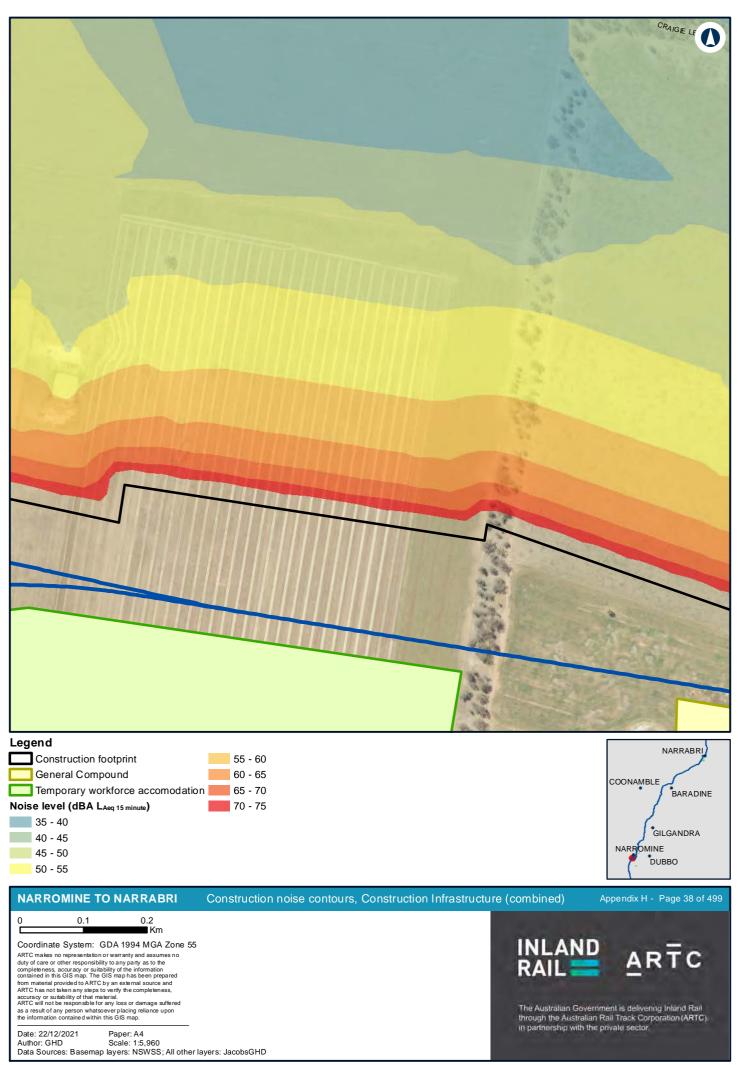
Noise level (dBA L<sub>Aeq 15 minute</sub>)

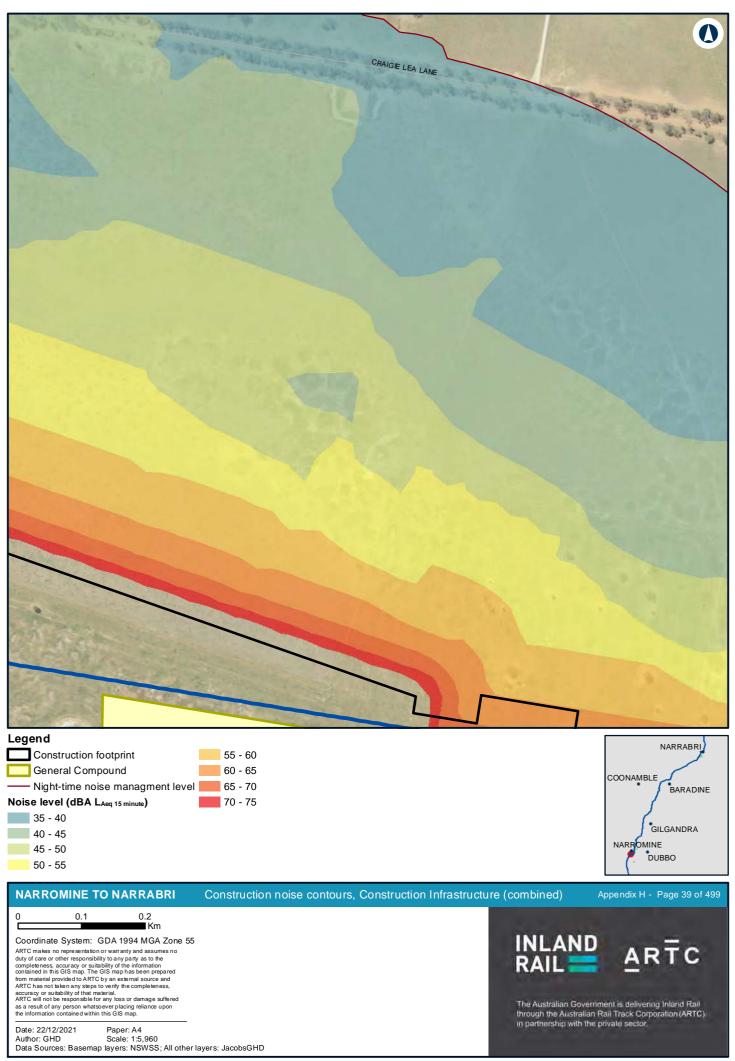














Construction footprint

— Night-time noise managment level

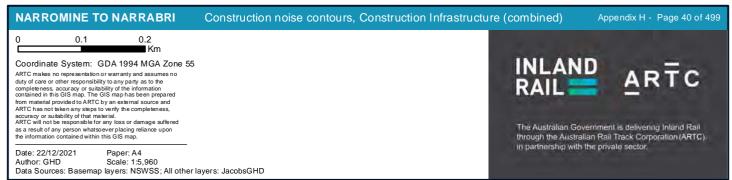
### Structure type

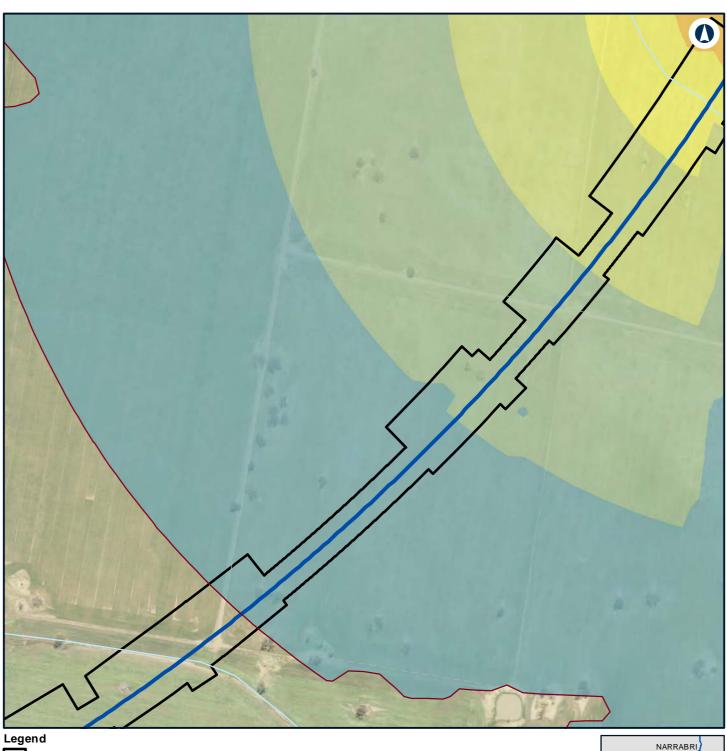
Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint

Night-time noise managment level

### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55 55 - 60

NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

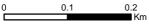
DUBBO

BARADINE

GILGANDRA

COONAMBLE

NARROMINE



Coordinate System: GDA 1994 MGA Zone 55

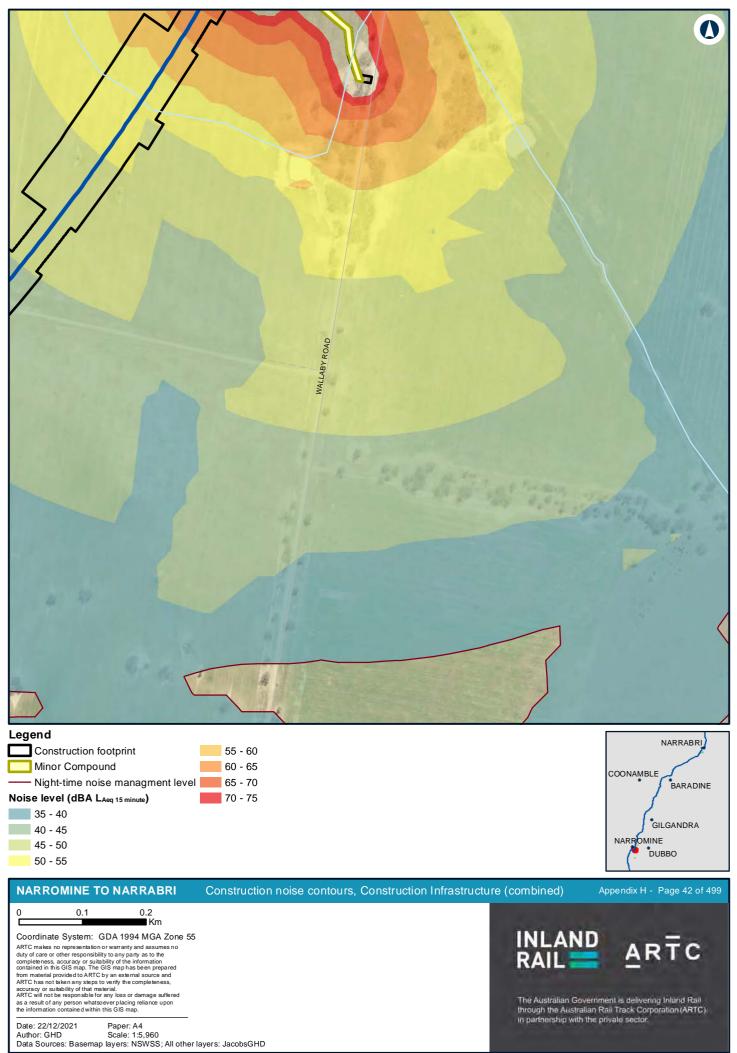
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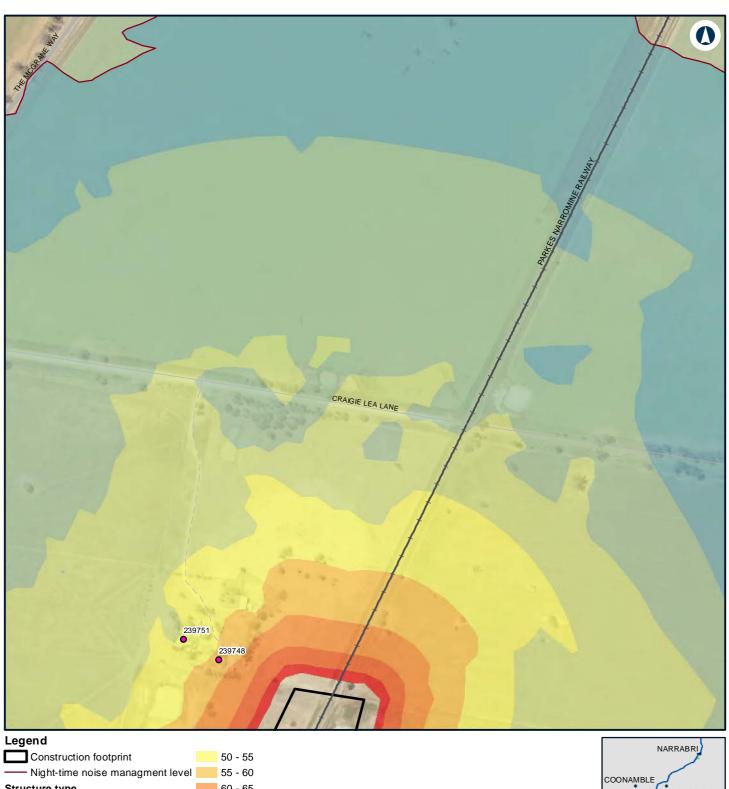
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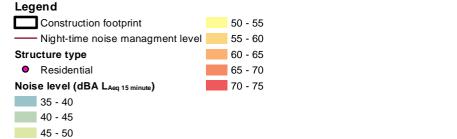
Paper: A4 Scale: 1:5,960 Date: 22/12/2021

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

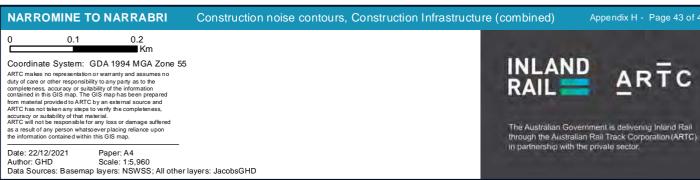


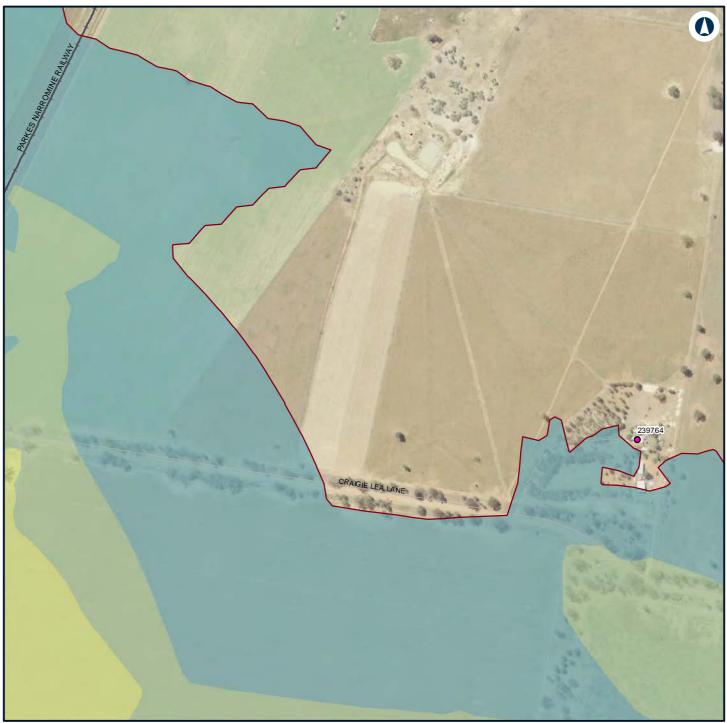












---- Night-time noise managment level

### Structure type

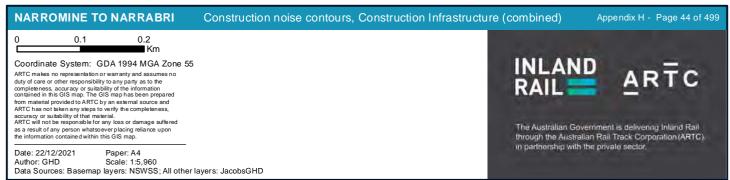
Residential

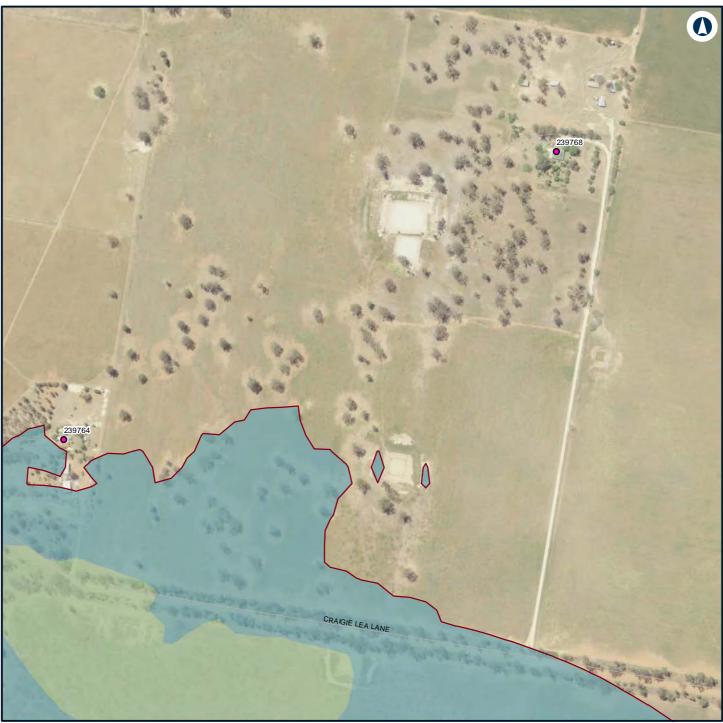
#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







---- Night-time noise managment level

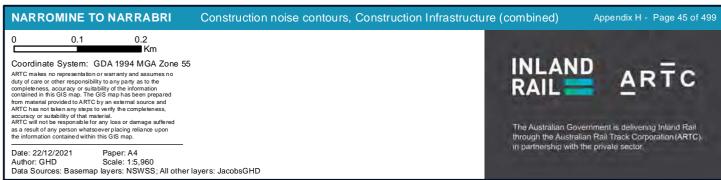
### Structure type

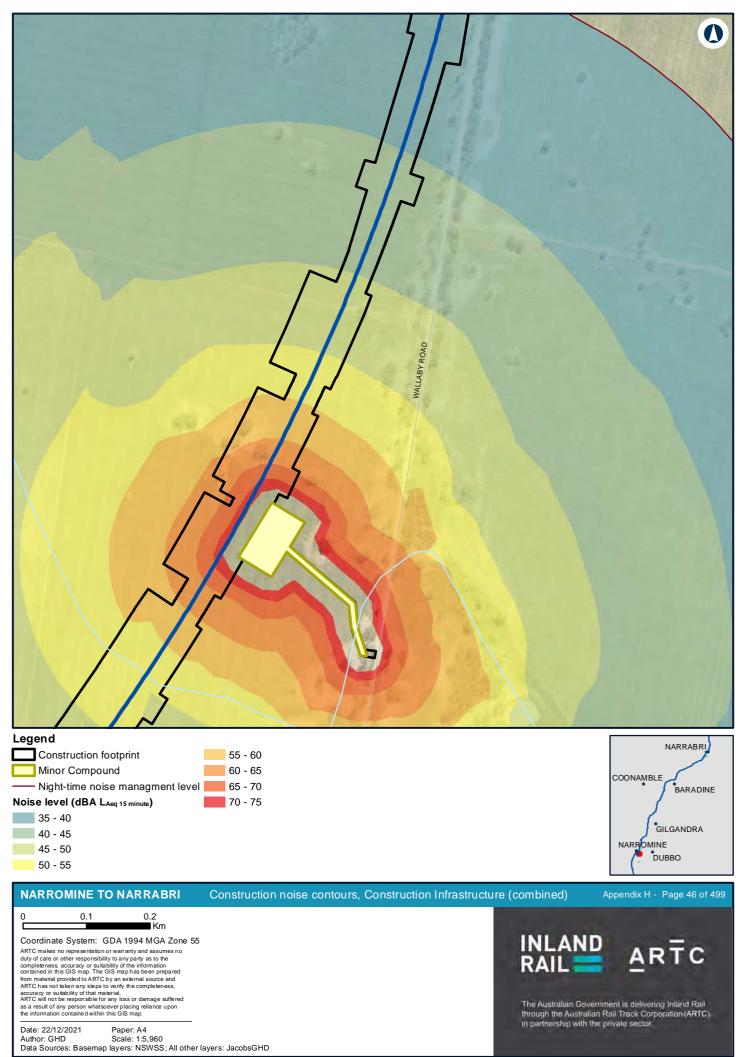
Residential

#### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40









---- Night-time noise managment level

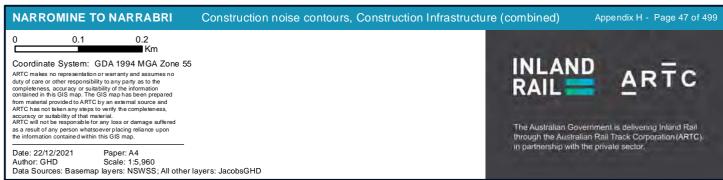
### Structure type

Residential

### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







---- Night-time noise managment level

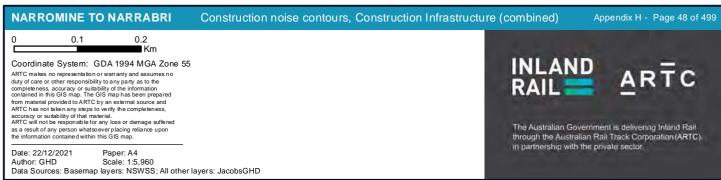
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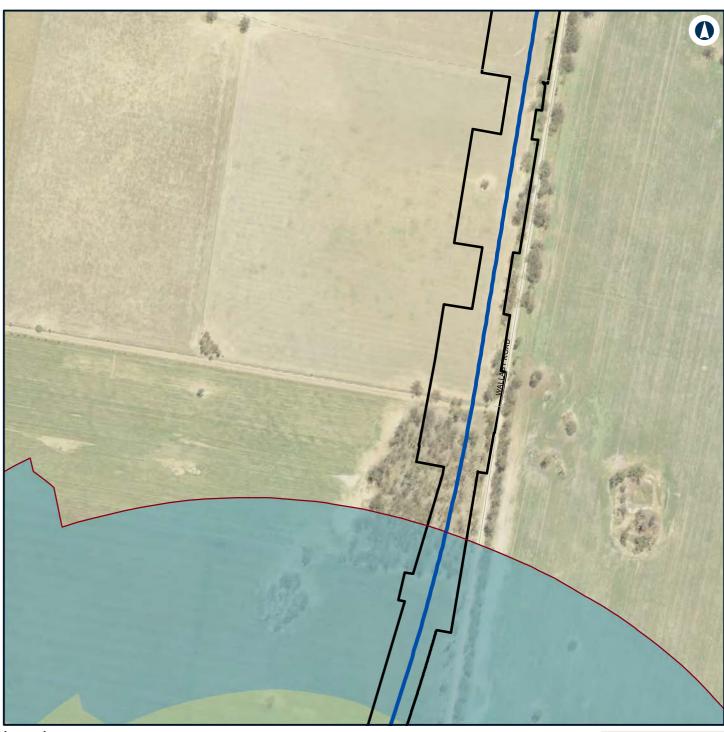
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







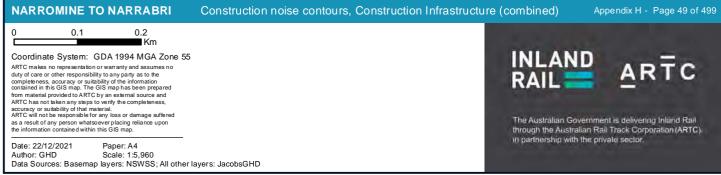
Construction footprint

---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







---- Night-time noise managment level

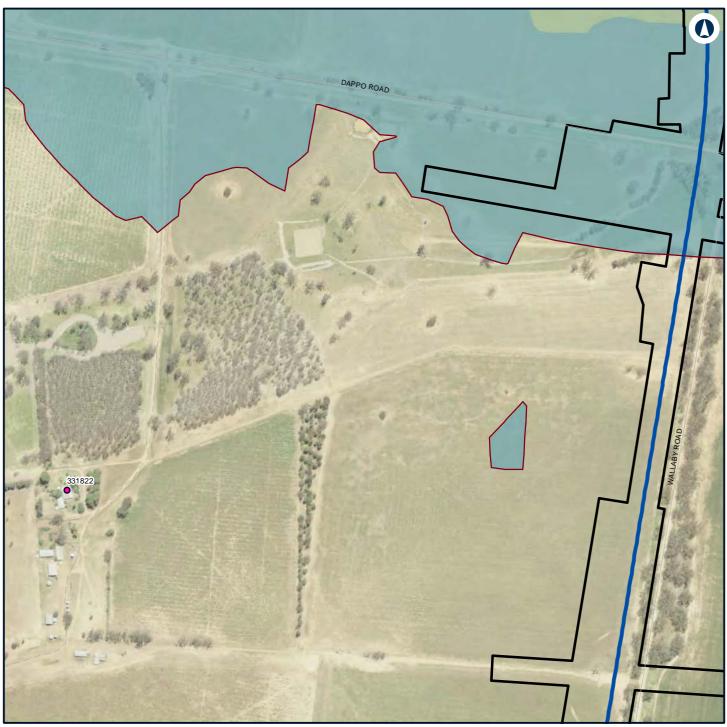
### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction footprint

Night-time noise managment level

#### Structure type

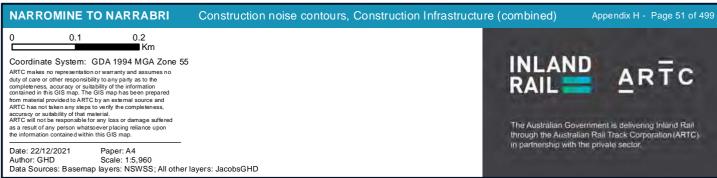
Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45





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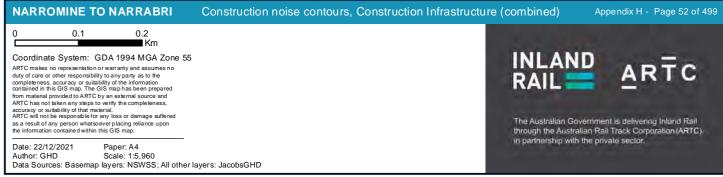
Construction footprint

---- Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







---- Night-time noise managment level

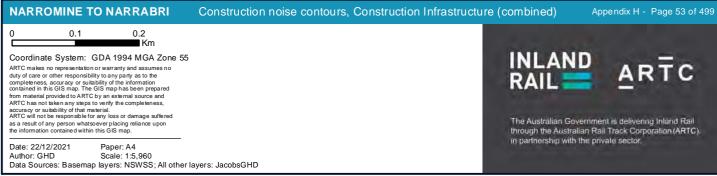
### Structure type

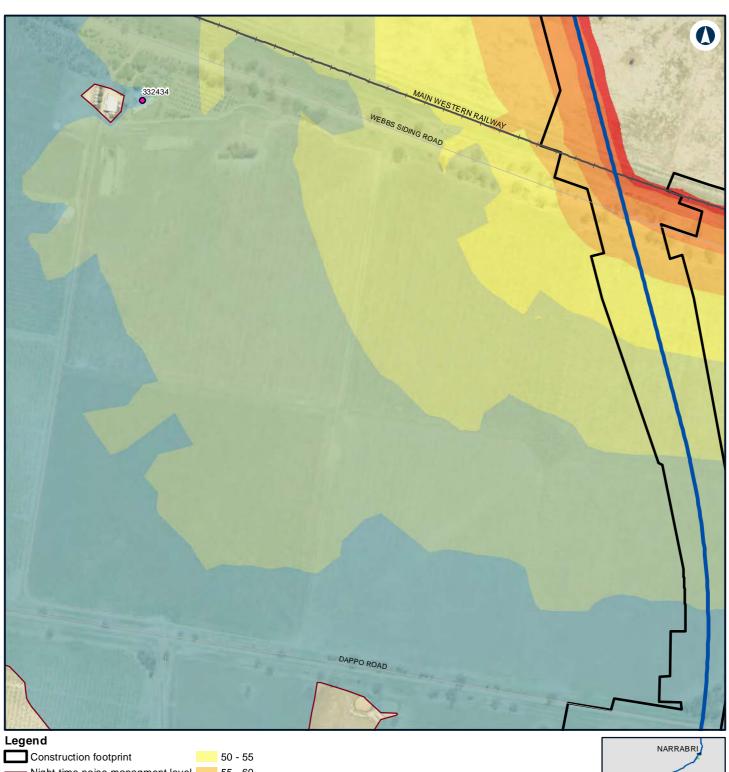
Residential

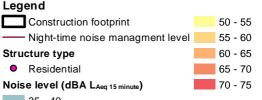
Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40





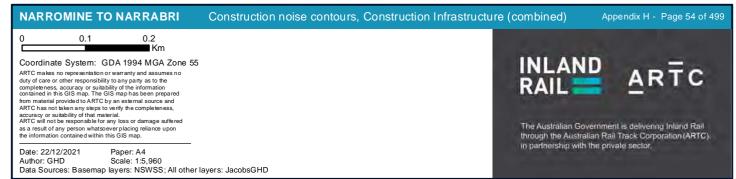


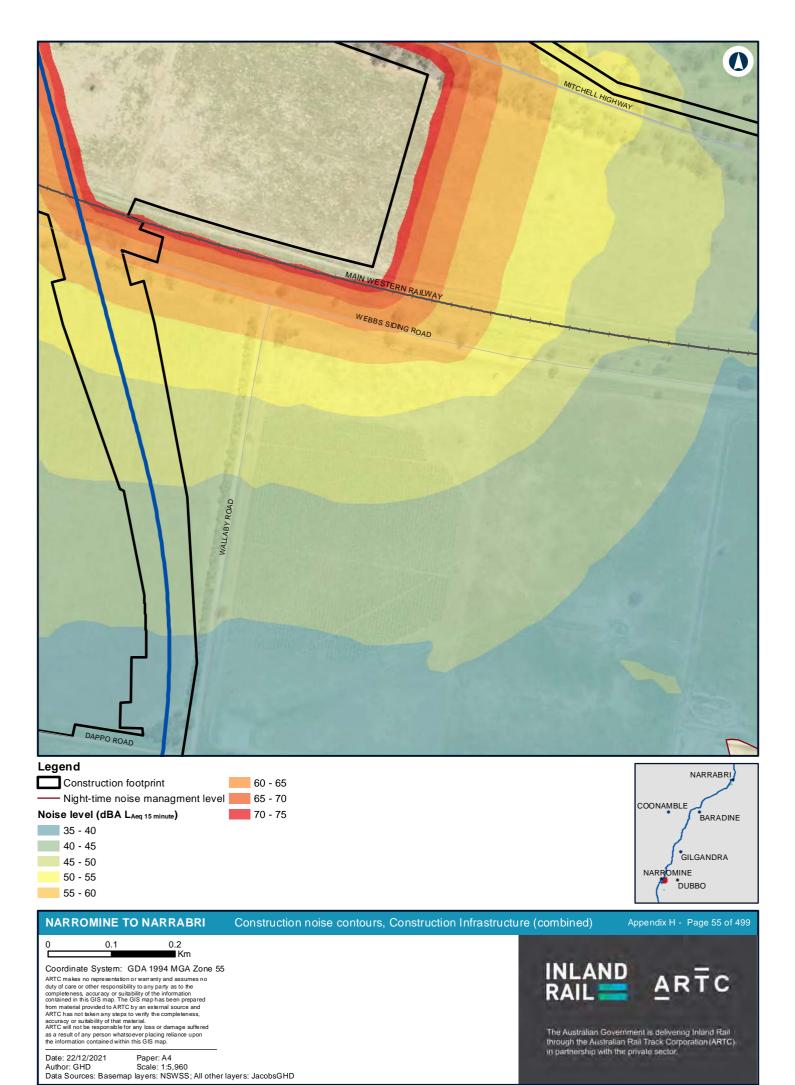


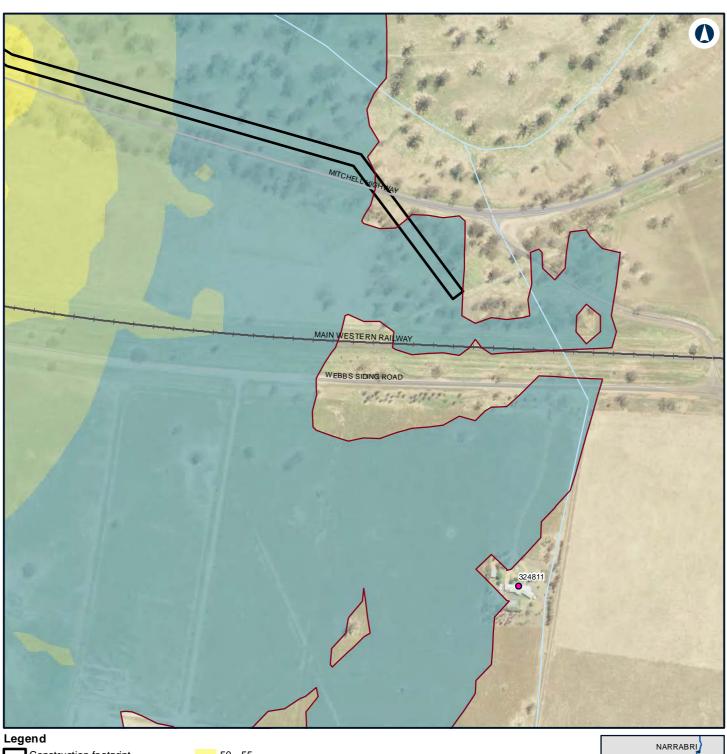
35 - 40

40 - 45 45 - 50









Construction footprint

50 - 55

Night-time noise managment level

#### Structure type

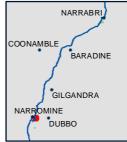
Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

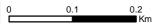
40 - 45

45 - 50



### NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)



Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

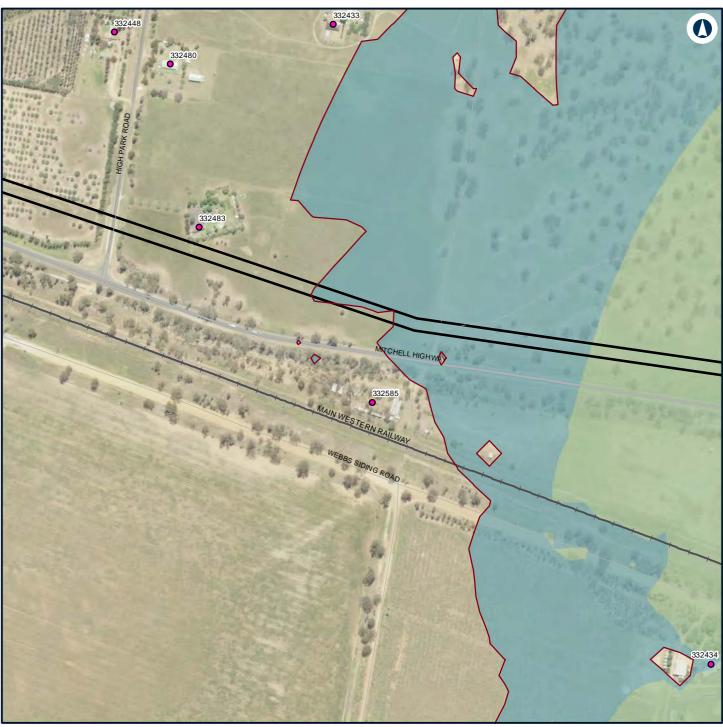
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Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





Construction footprint

— Night-time noise managment level

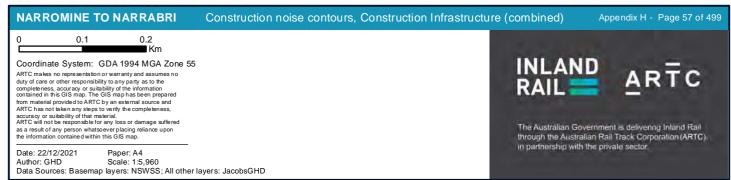
#### Structure type

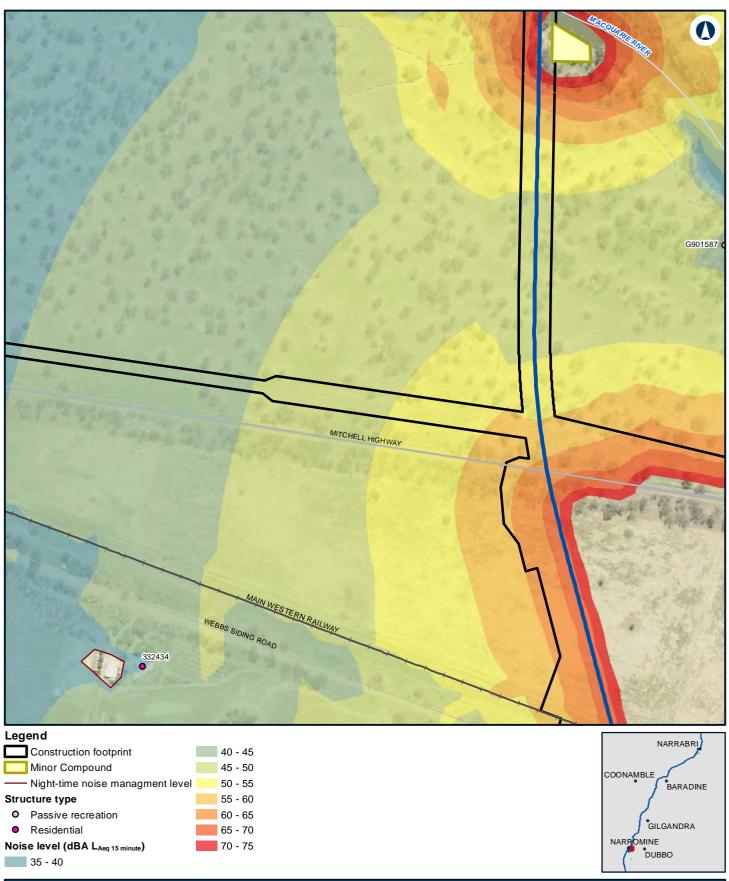
Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

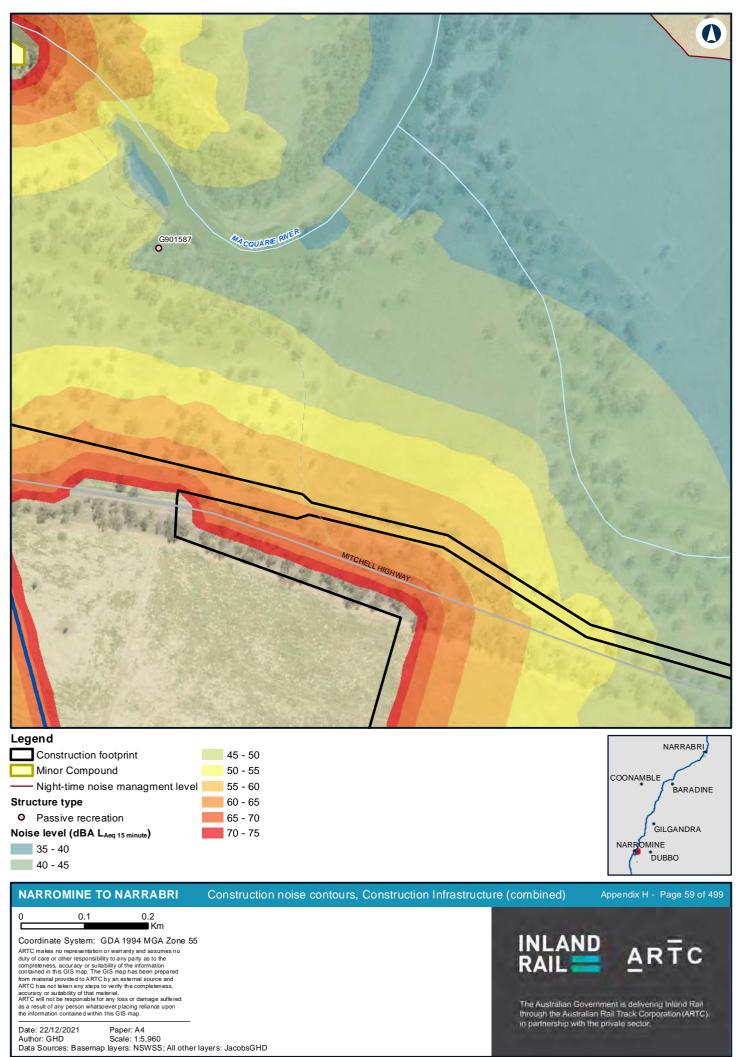
35 - 40

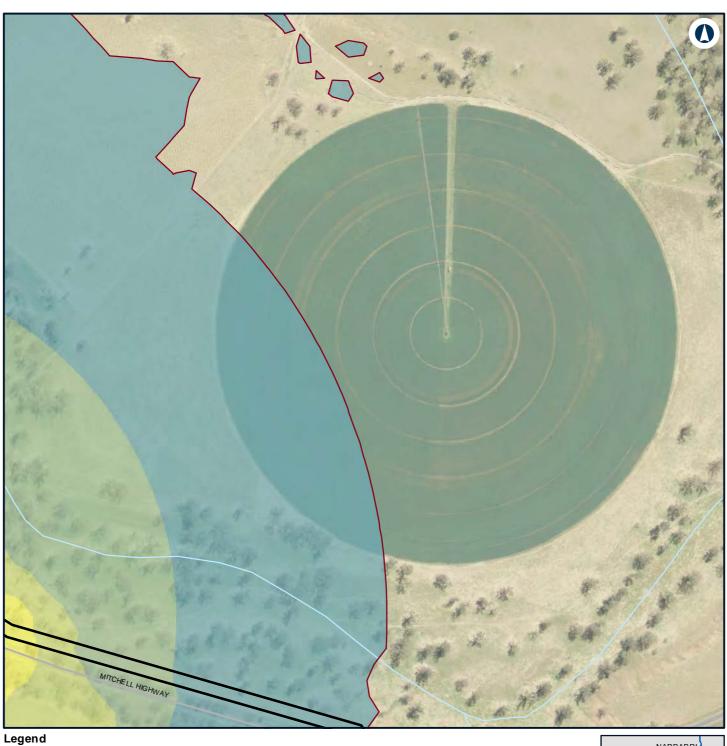












Construction footprint

Night-time noise managment level

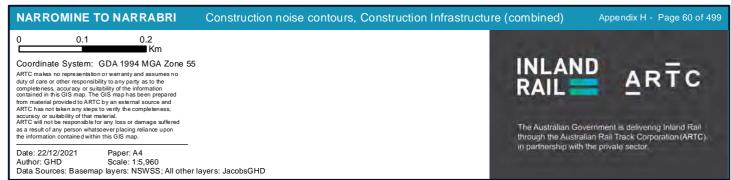
### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50







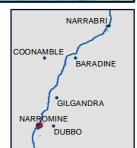
---- Night-time noise managment level

### Structure type

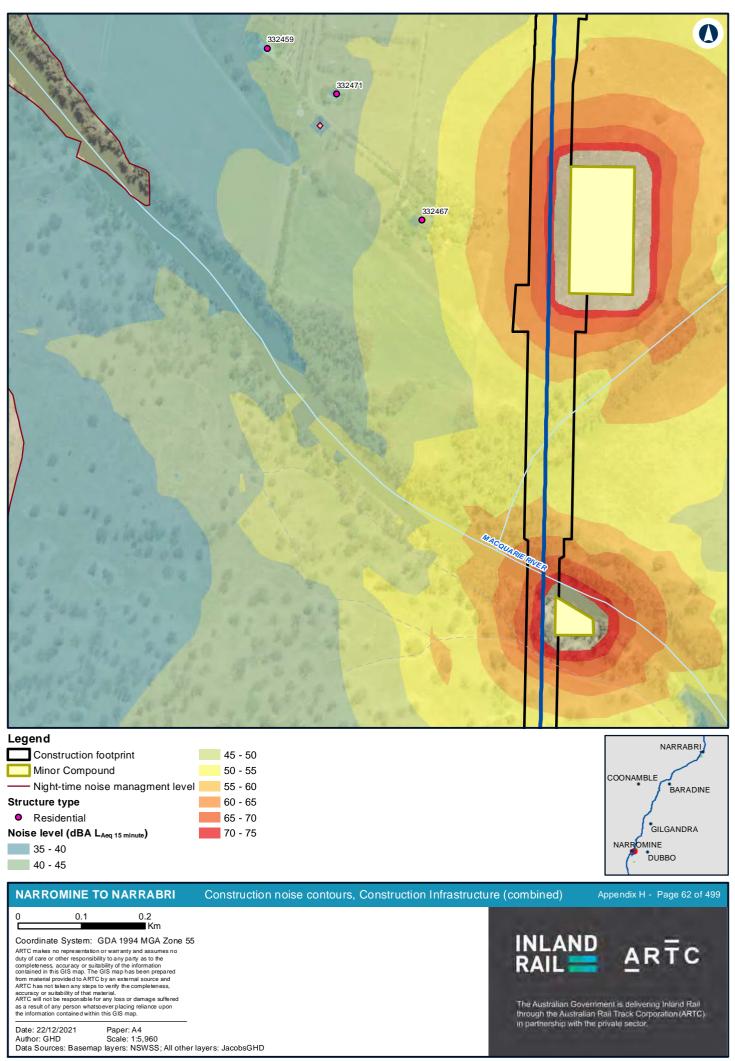
Residential

### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40









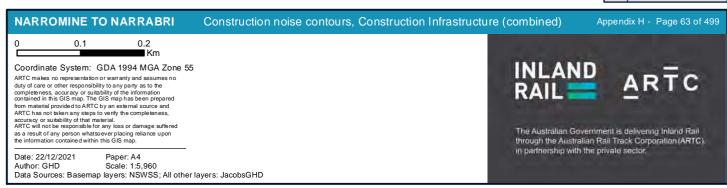
---- Night-time noise managment level

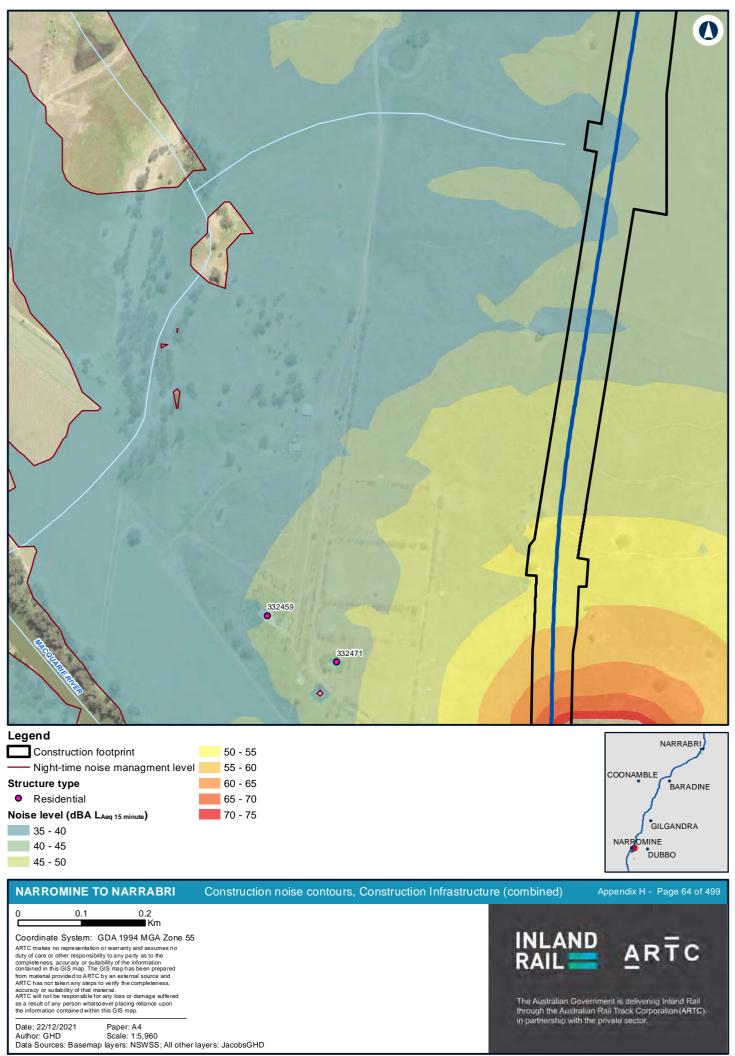
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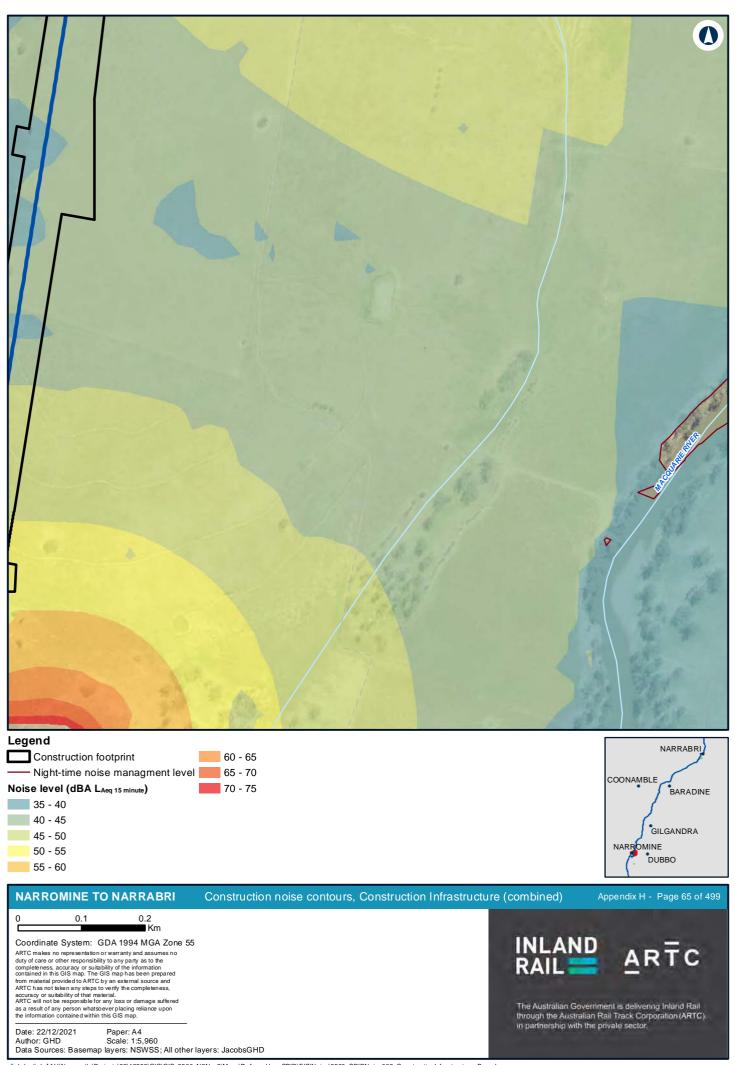
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)











---- Night-time noise managment level

### Structure type

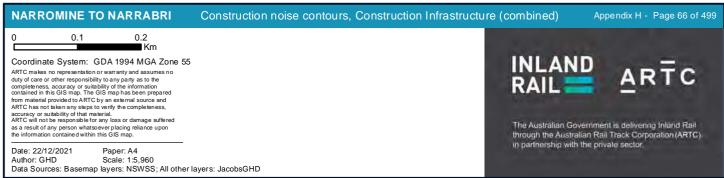
Residential

### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







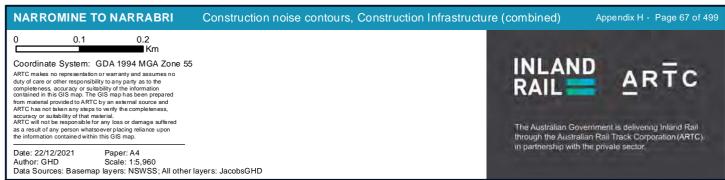
---- Night-time noise managment level

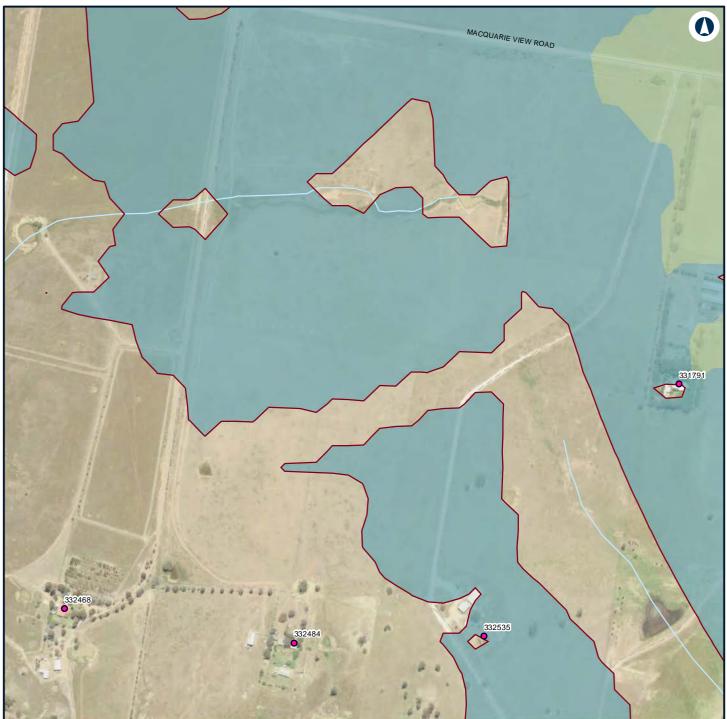
### Structure type

Residential

Noise level (dBA LAeq 15 minute)







---- Night-time noise managment level

### Structure type

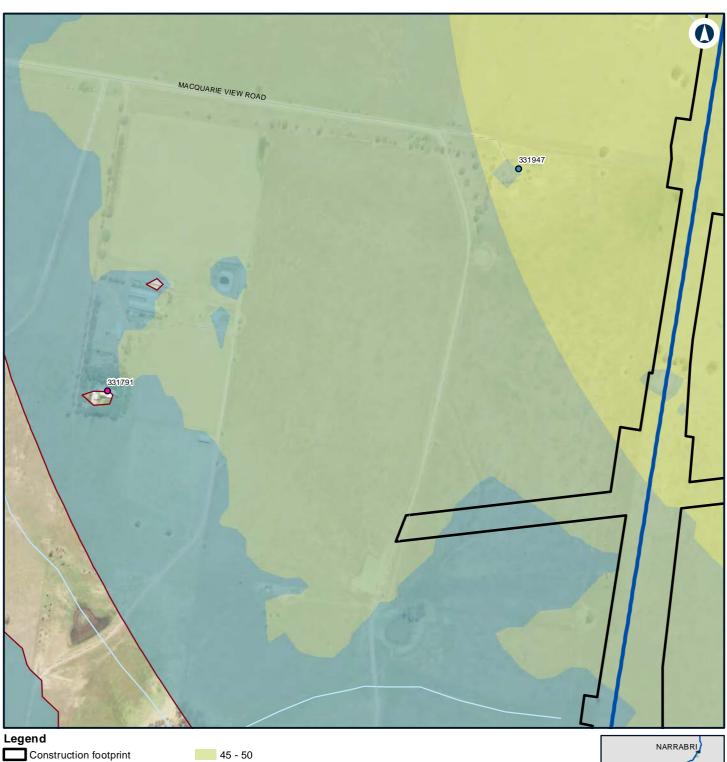
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







- Night-time noise managment level

#### Structure type

- Active recreation
- Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

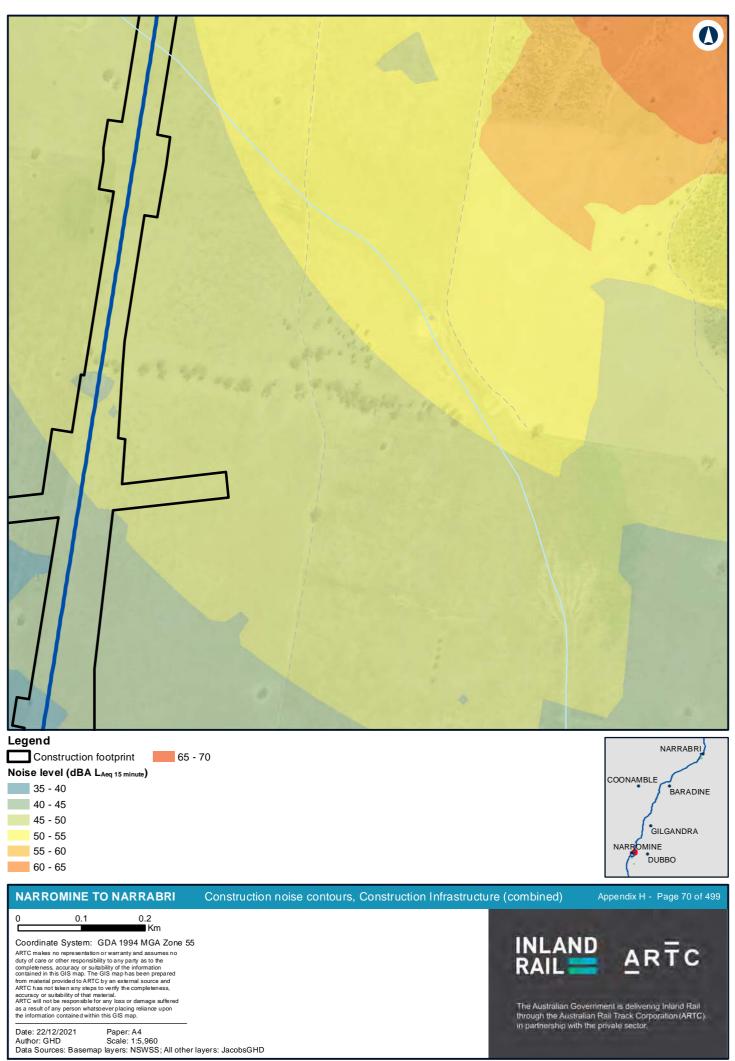


# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2 INLAND ARTC Coordinate System: GDA 1994 MGA Zone 55 COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector.

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Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





---- Night-time noise managment level

### Structure type

Residential

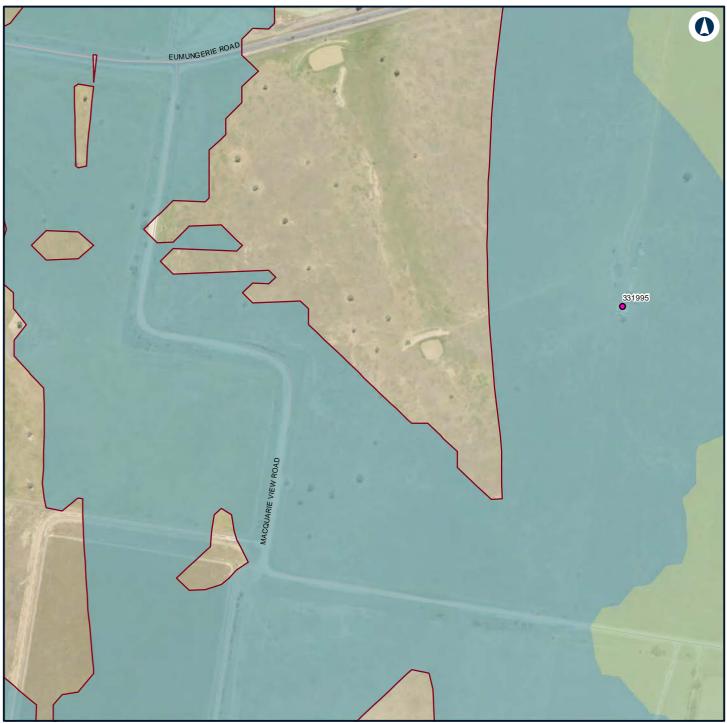
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







---- Night-time noise managment level

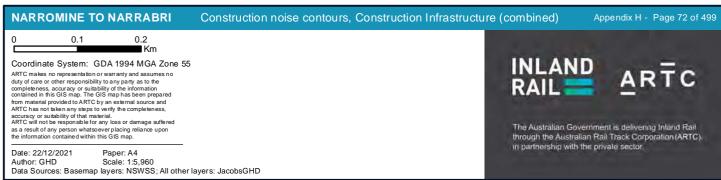
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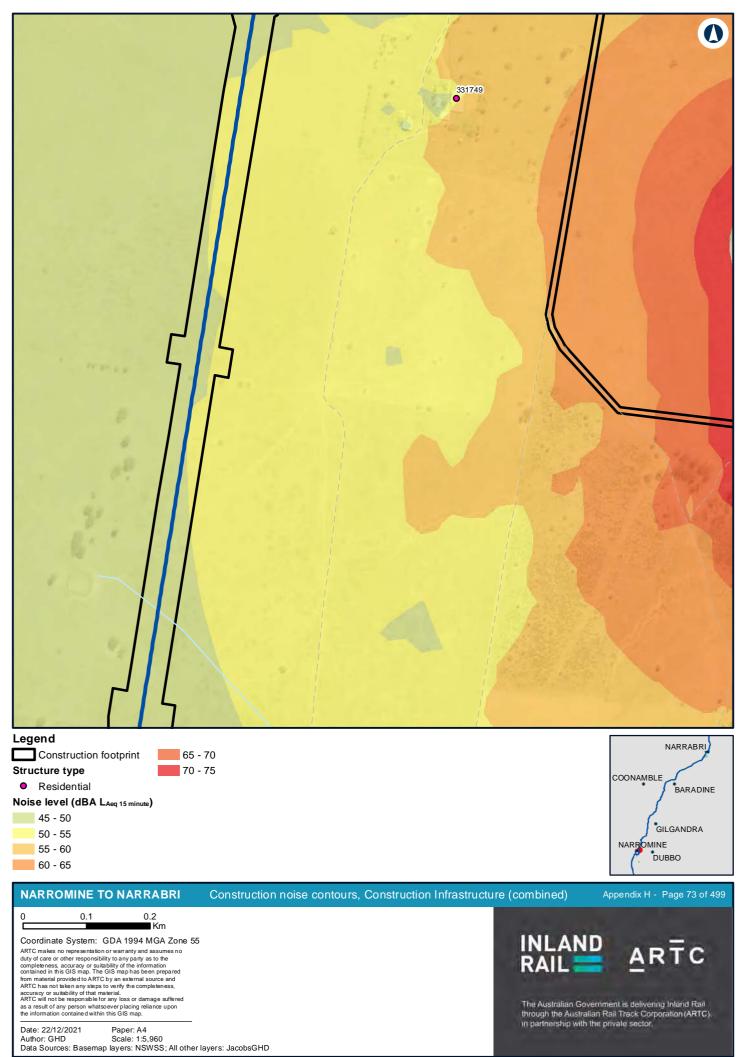
Residential

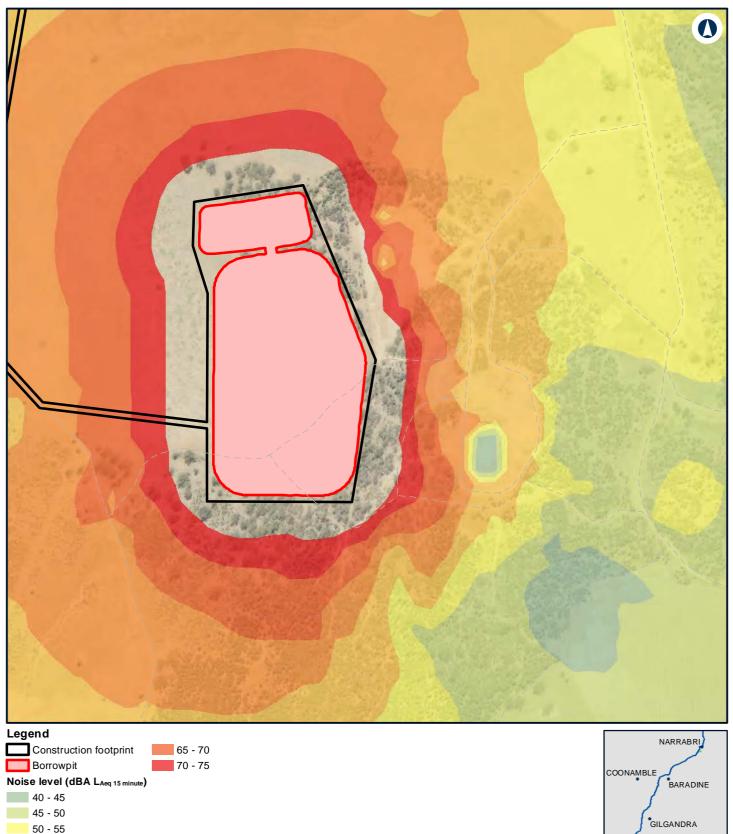
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

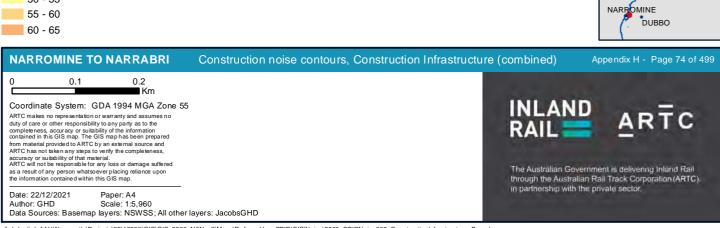
35 - 40

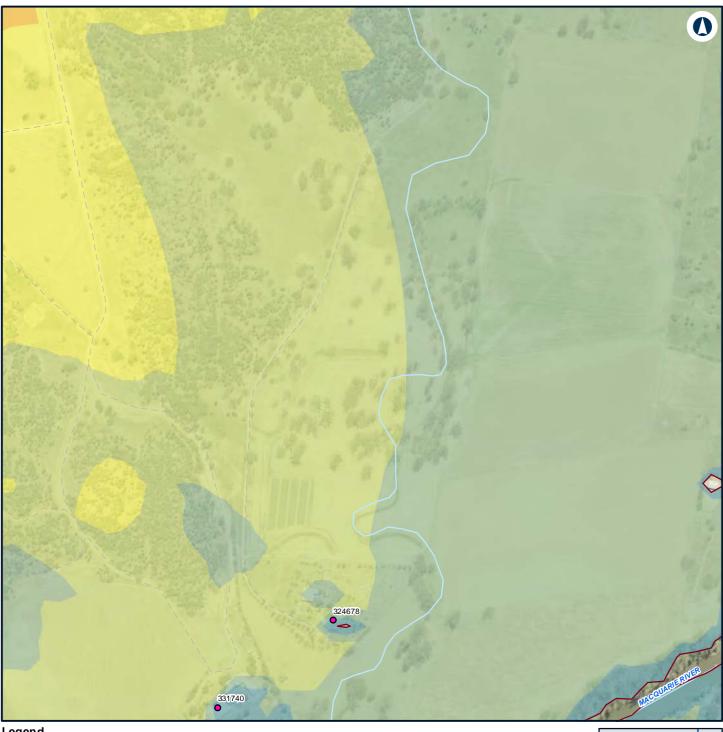












Night-time noise managment level 55 - 60

### Structure type

Residential

#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55

NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

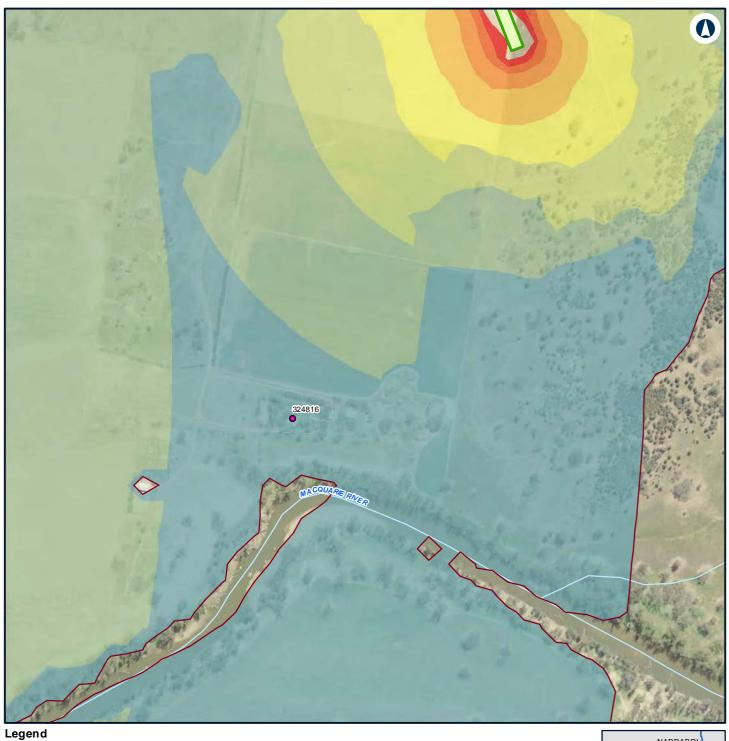
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Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

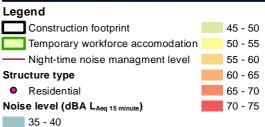
Paper: A4 Scale: 1:5,960

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Construction noise contours, Construction Infrastructure (combined)



NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO



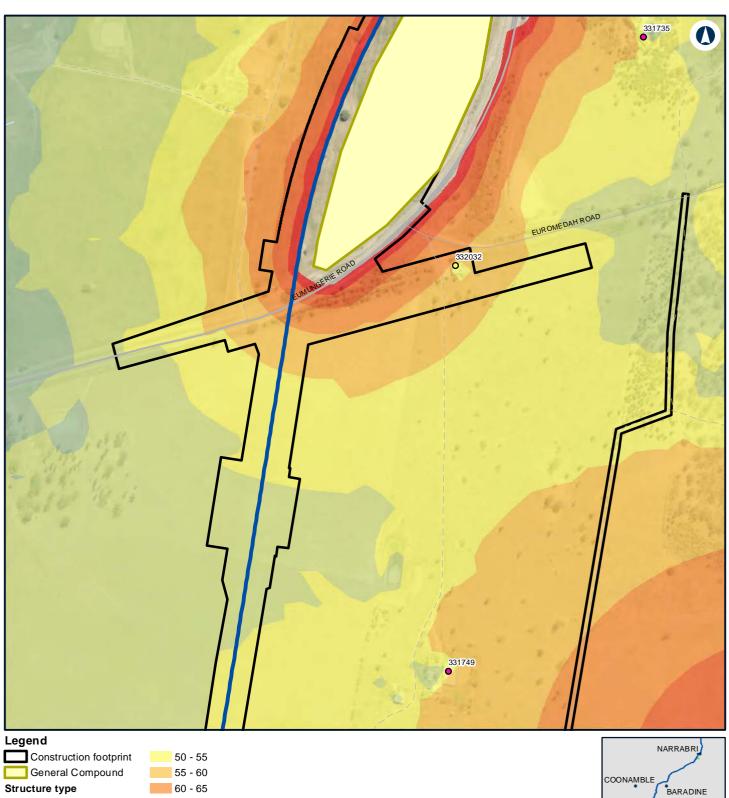
NARROMINE TO NARRABRI

40 - 45

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Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD INLAND RAIL ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC) in partnership with the private sector.





Noise level (dBA L<sub>Aeq 15 minute</sub>)

40 - 45 45 - 50

NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

NARROMINE

GILGANDRA

DUBBO

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

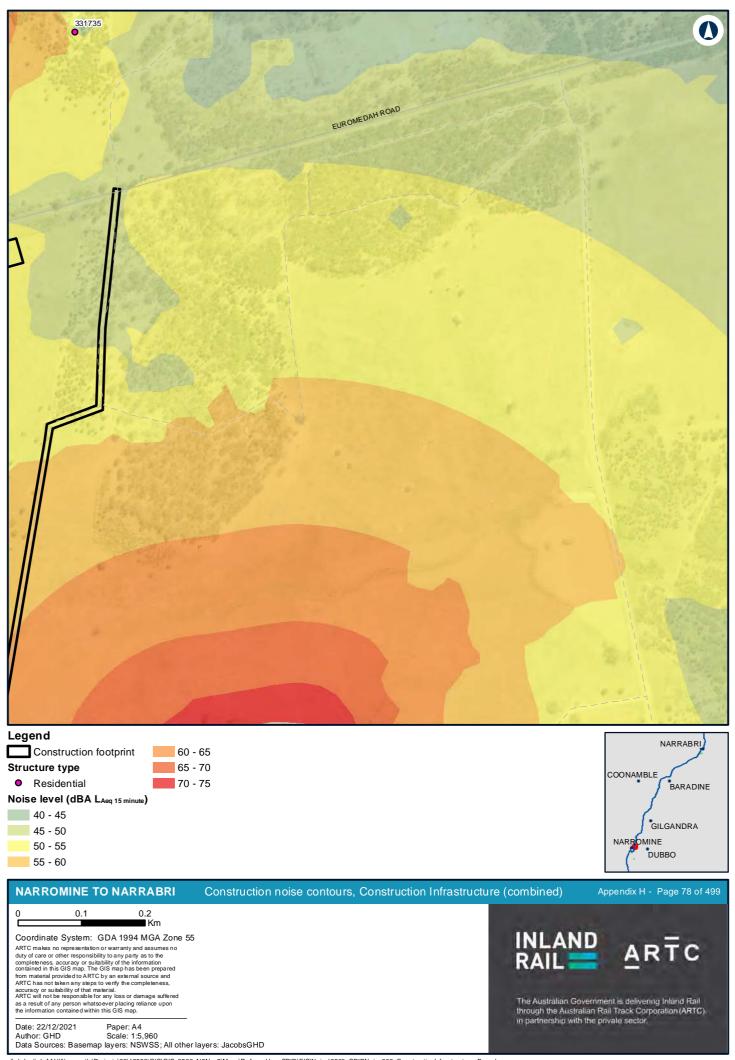
COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

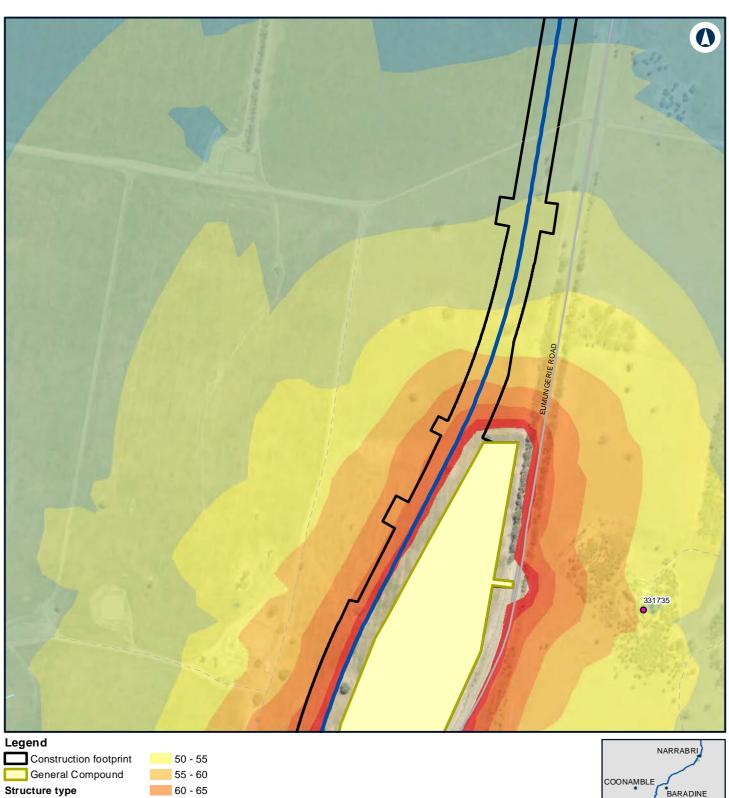
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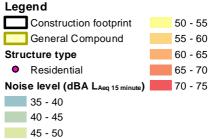
Date: 22/12/2021

Paper: A4 Scale: 1:5,960 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



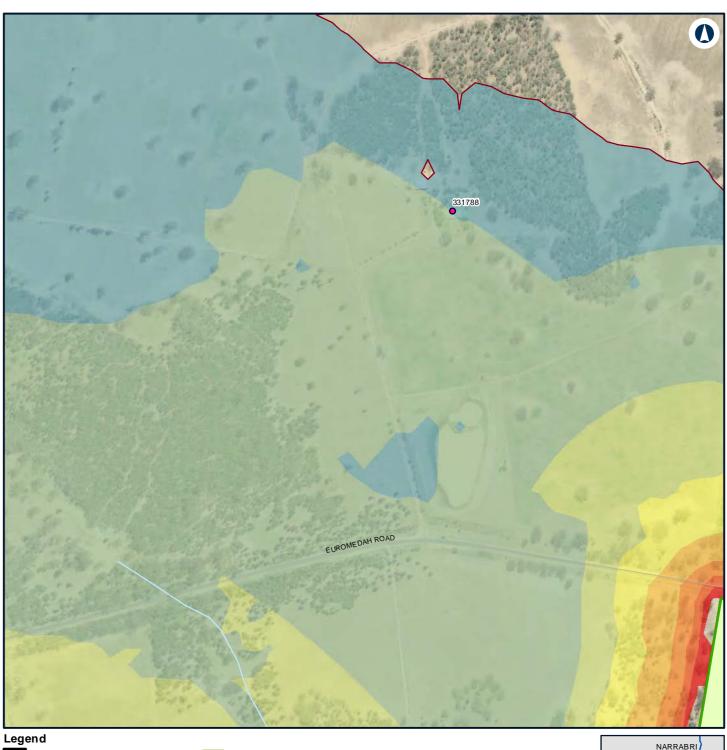


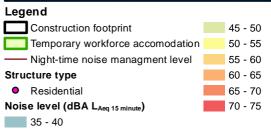












NARRABRI
COONAMBLE
BARADINE
GILGANDRA
NARROMINE
DUBBO



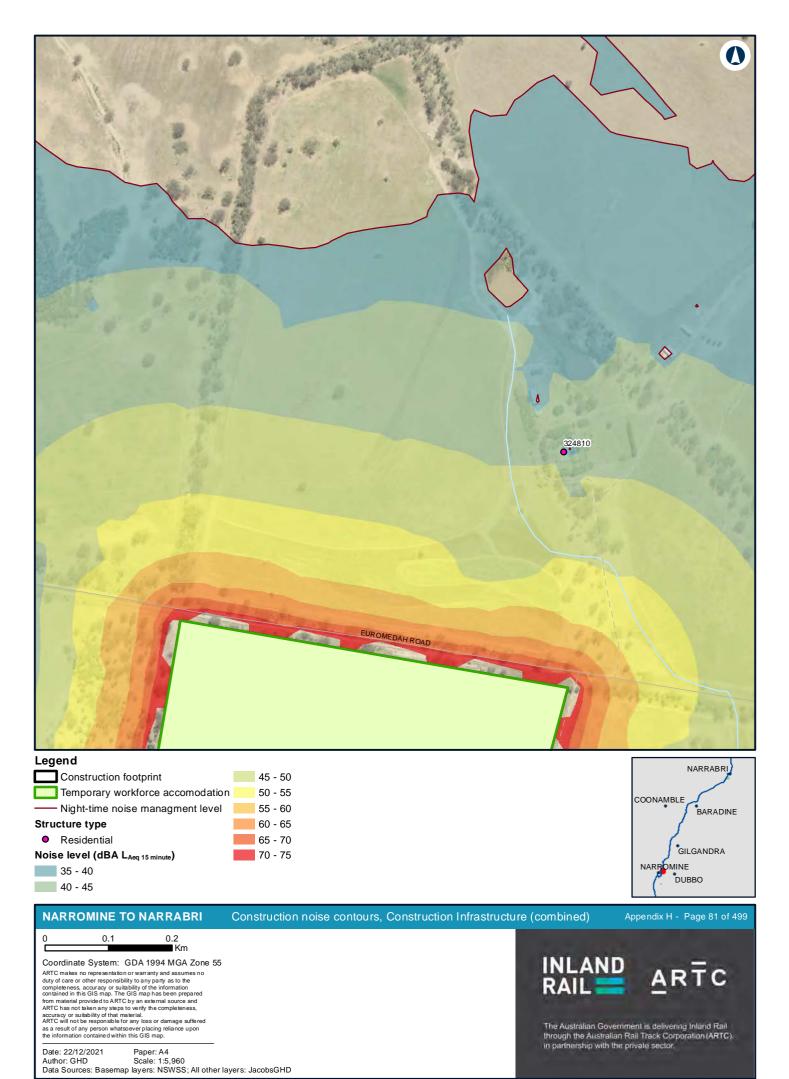
40 - 45

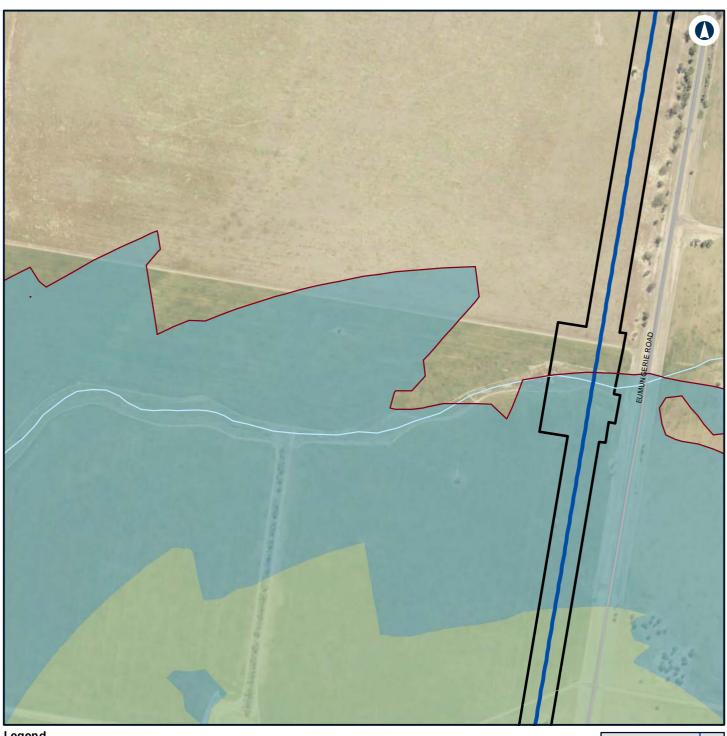
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Date: 22/12/2021 Paper: A4
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

INLAND ARTC

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Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







Construction footprint

- Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40





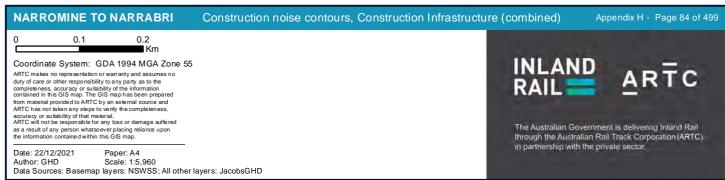


Construction footprint

---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction footprint

— Night-time noise managment level

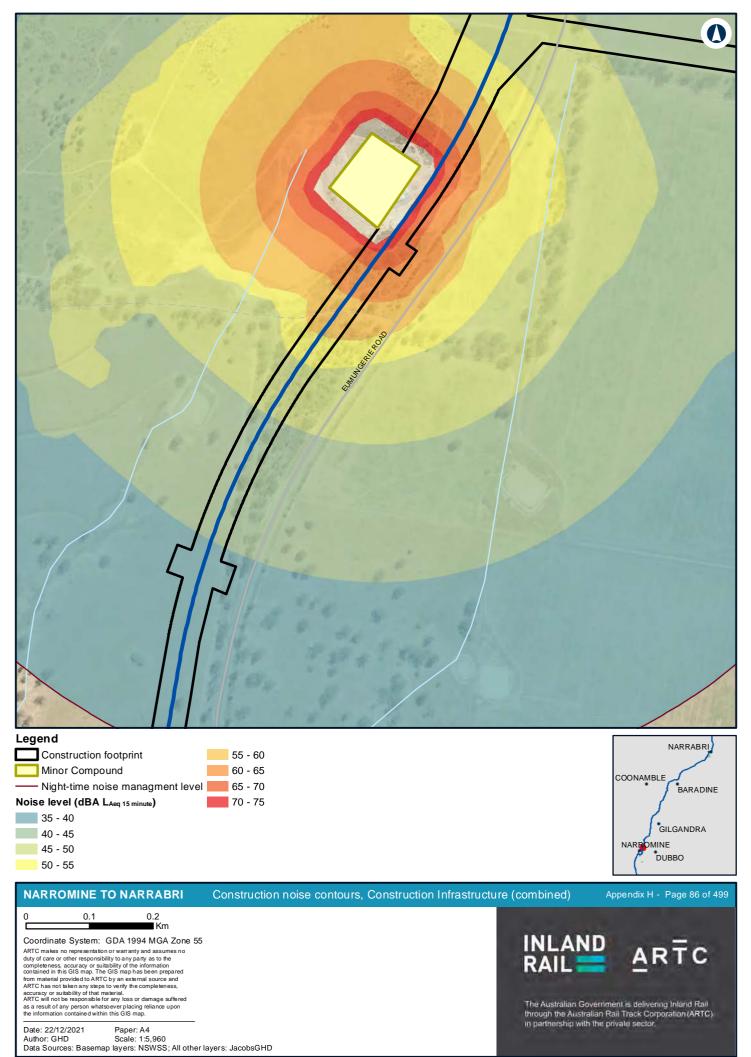
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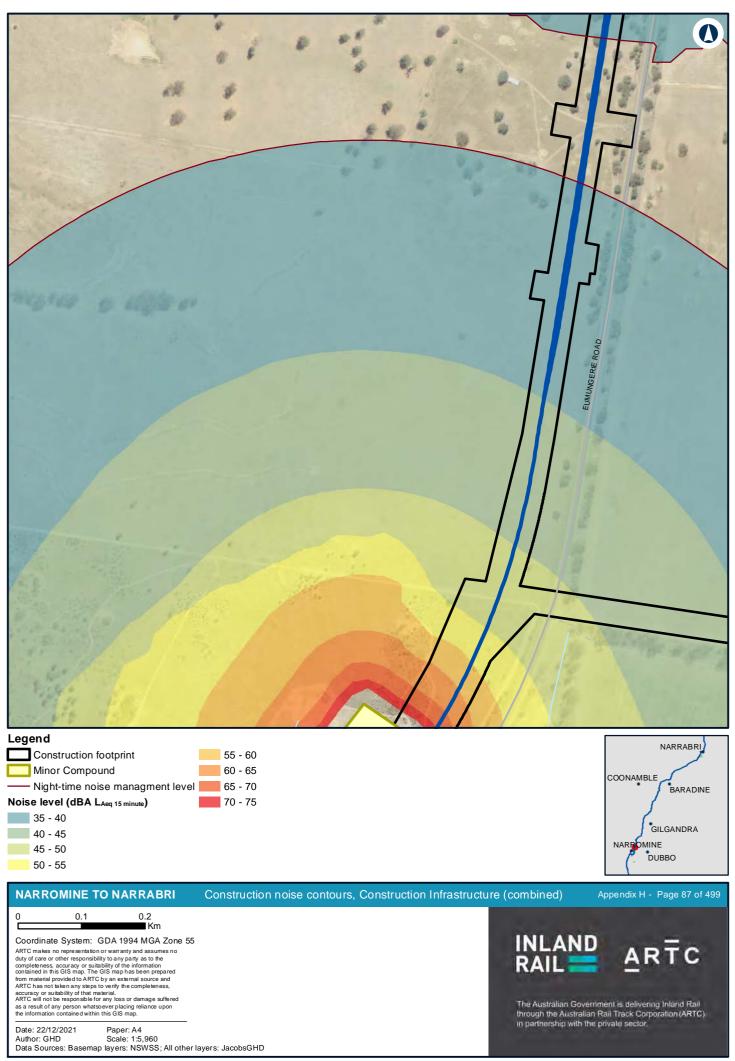
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)











- Night-time noise managment level

## Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50

COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

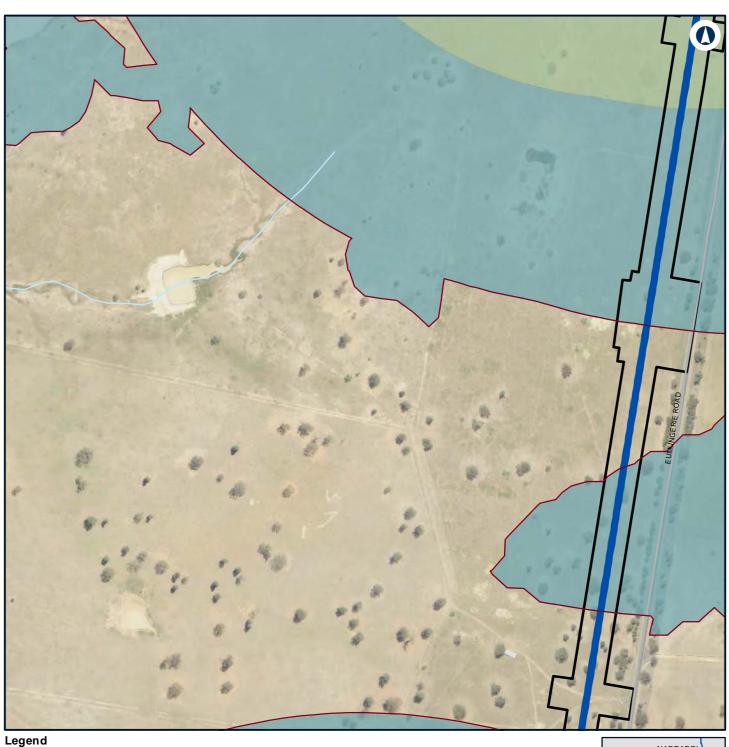
Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD INLAND ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector.

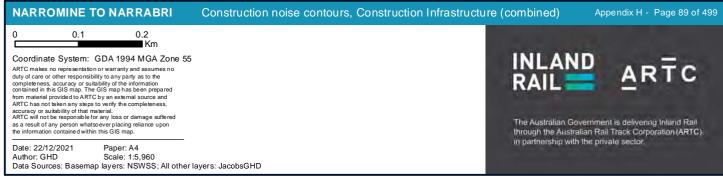


---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint

- Night-time noise managment level

#### Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

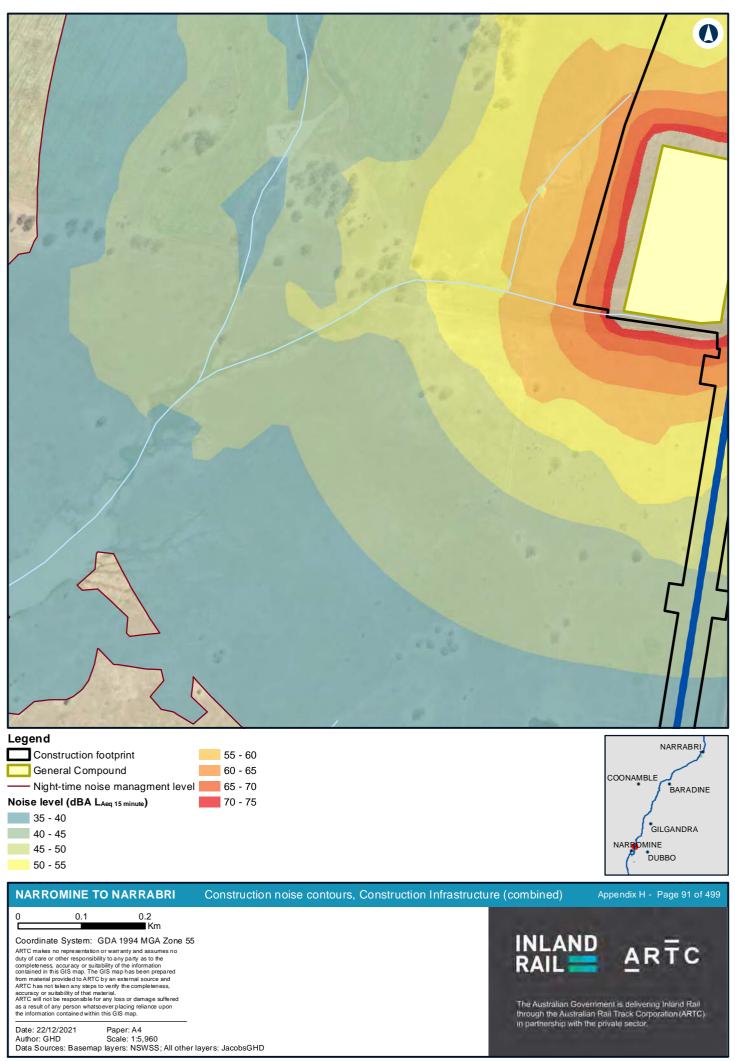
45 - 50

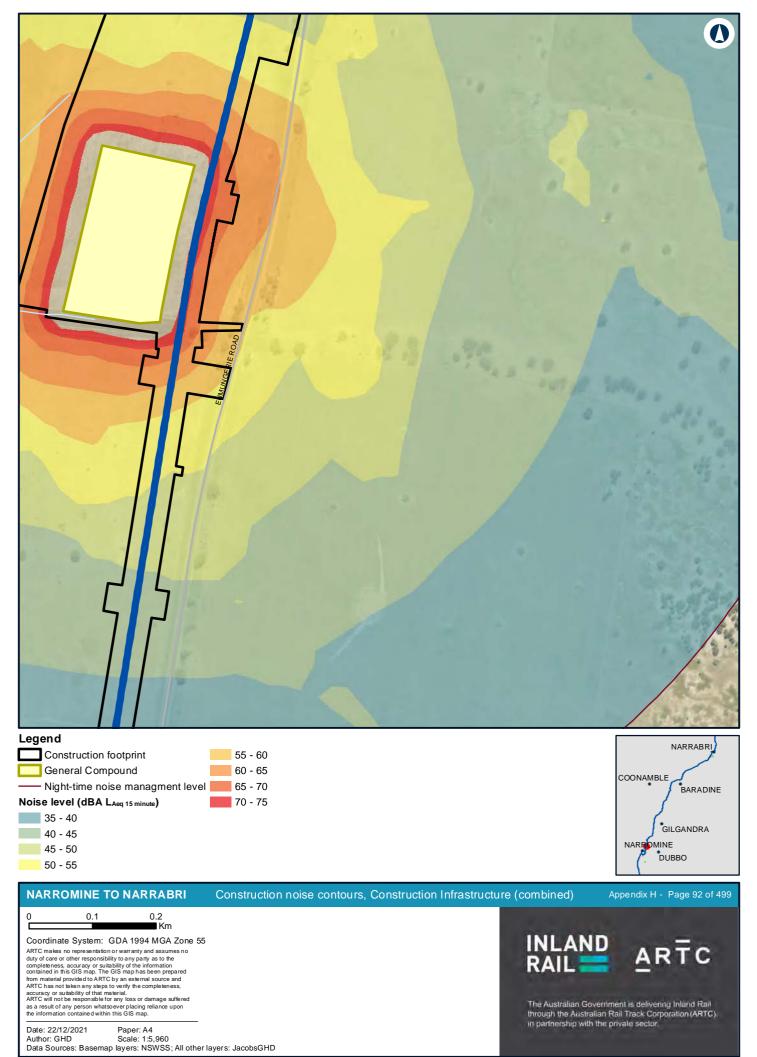


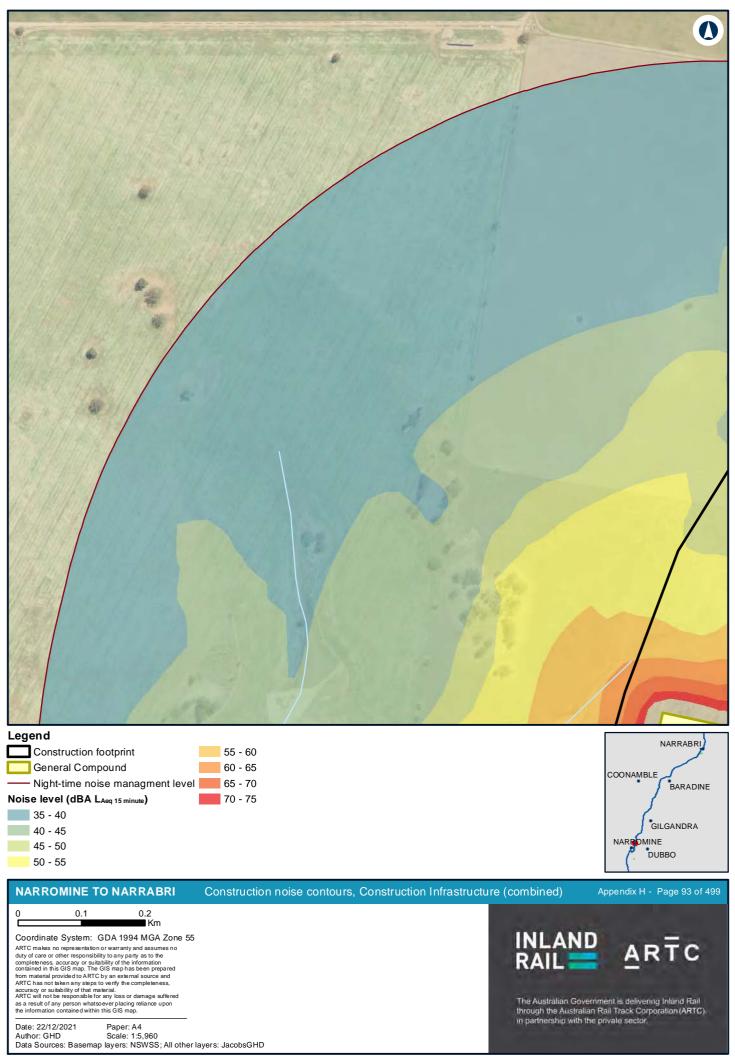


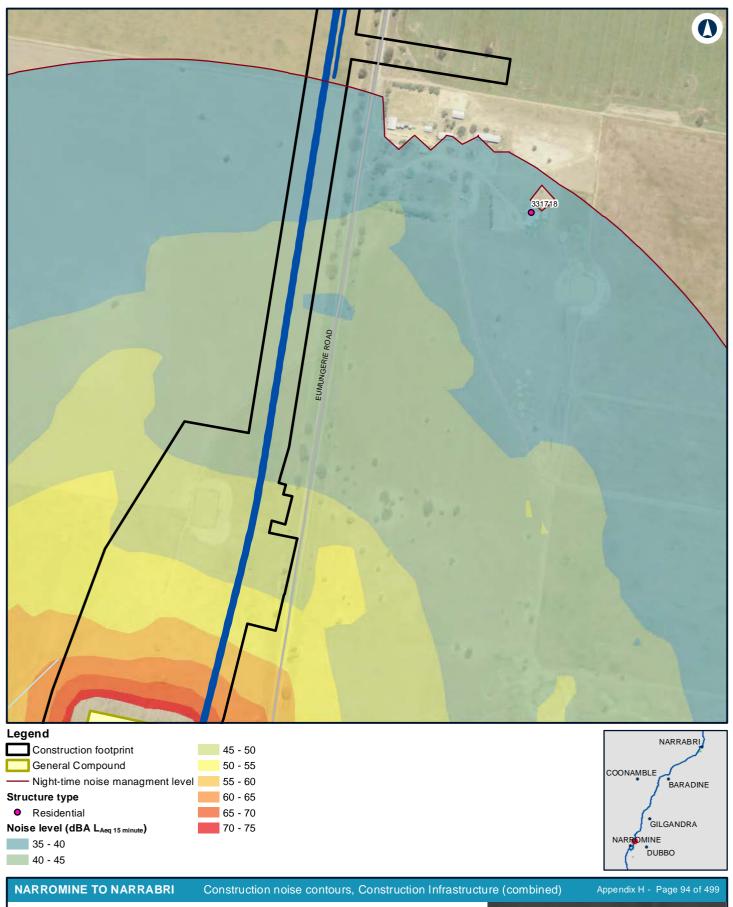
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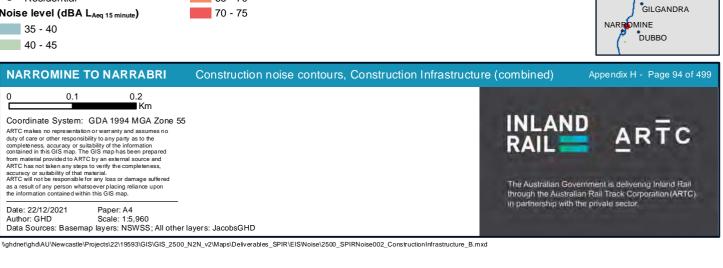
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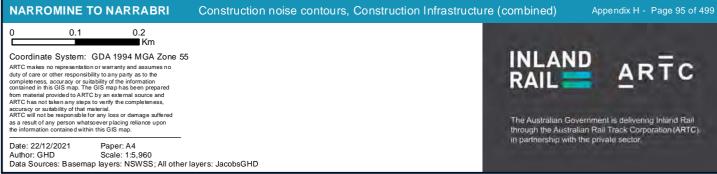


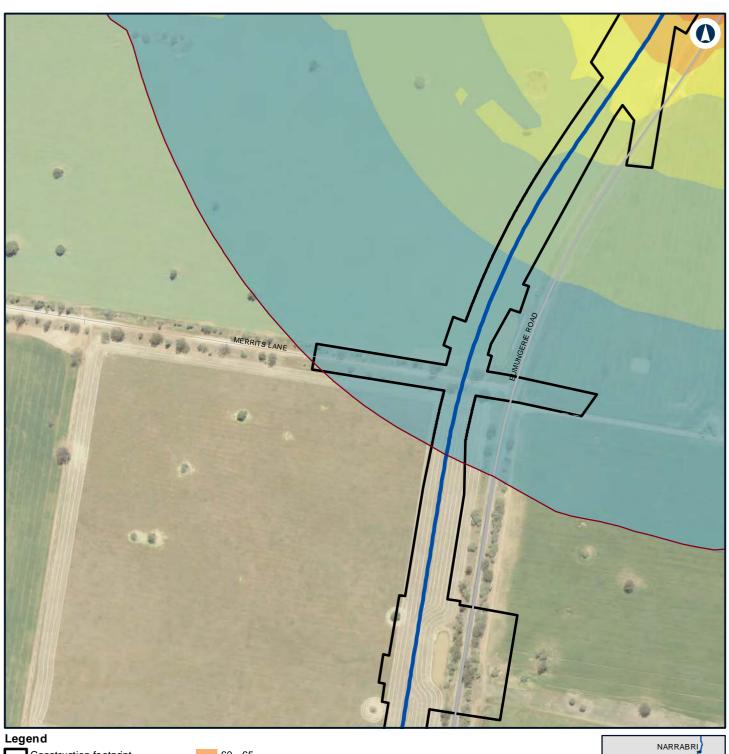
Construction footprint

---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)









50 - 55

55 - 60

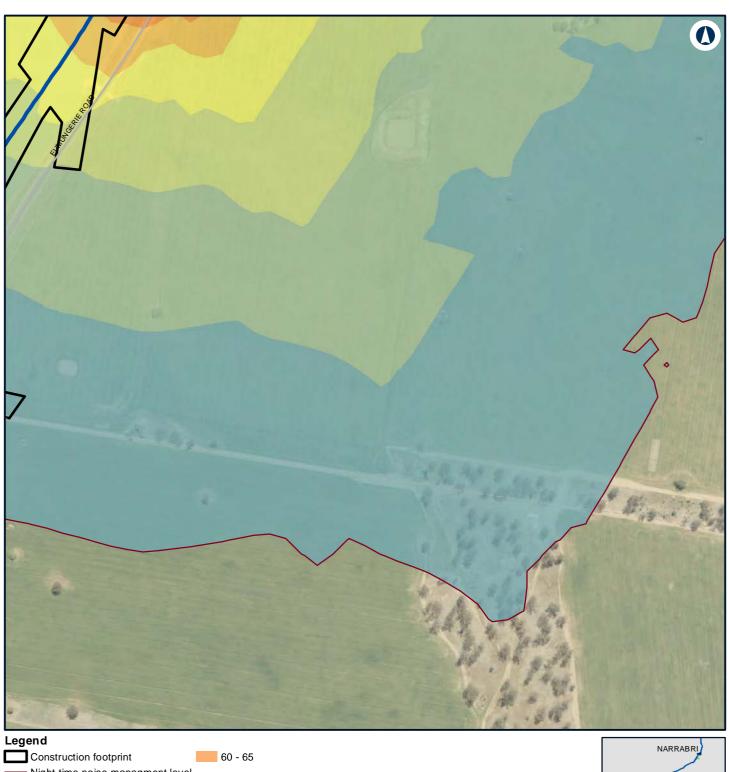
NARRABRI

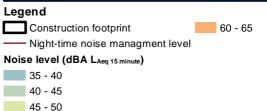
COONAMBLE
BARADINE

GILGANDRA

NARROMINE
DUBBO







NARRABRI
COONAMBLE
BARADINE
GILGANDRA
NARROMINE
DUBBO



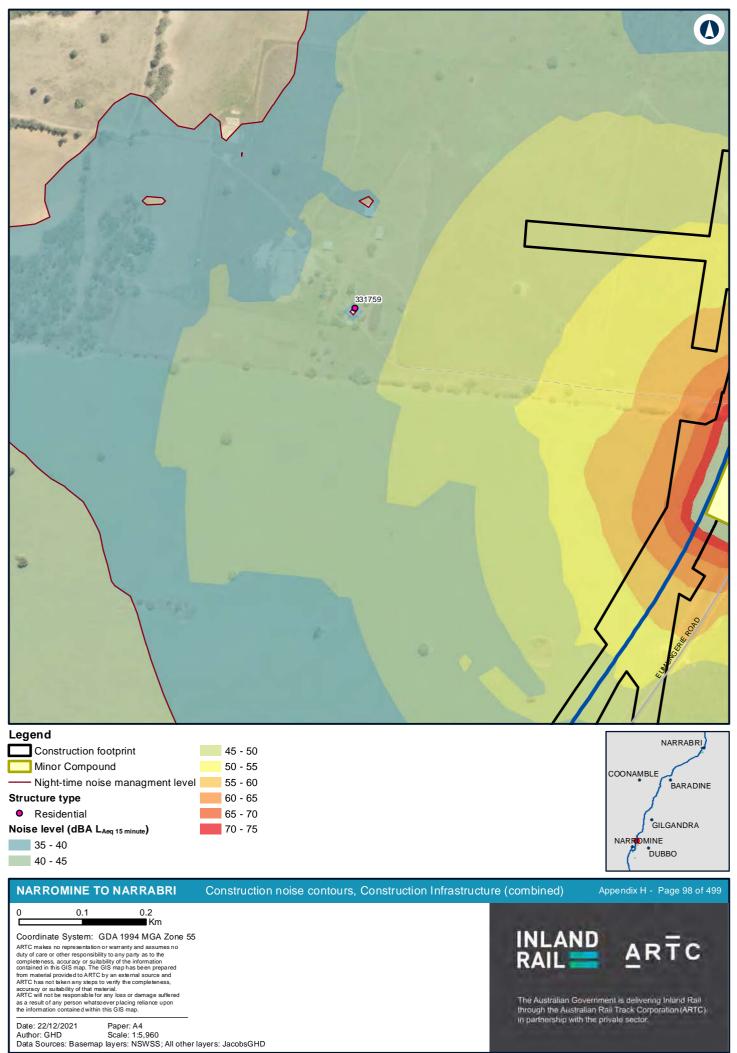
Date: 22/12/2021 Paper: A4
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

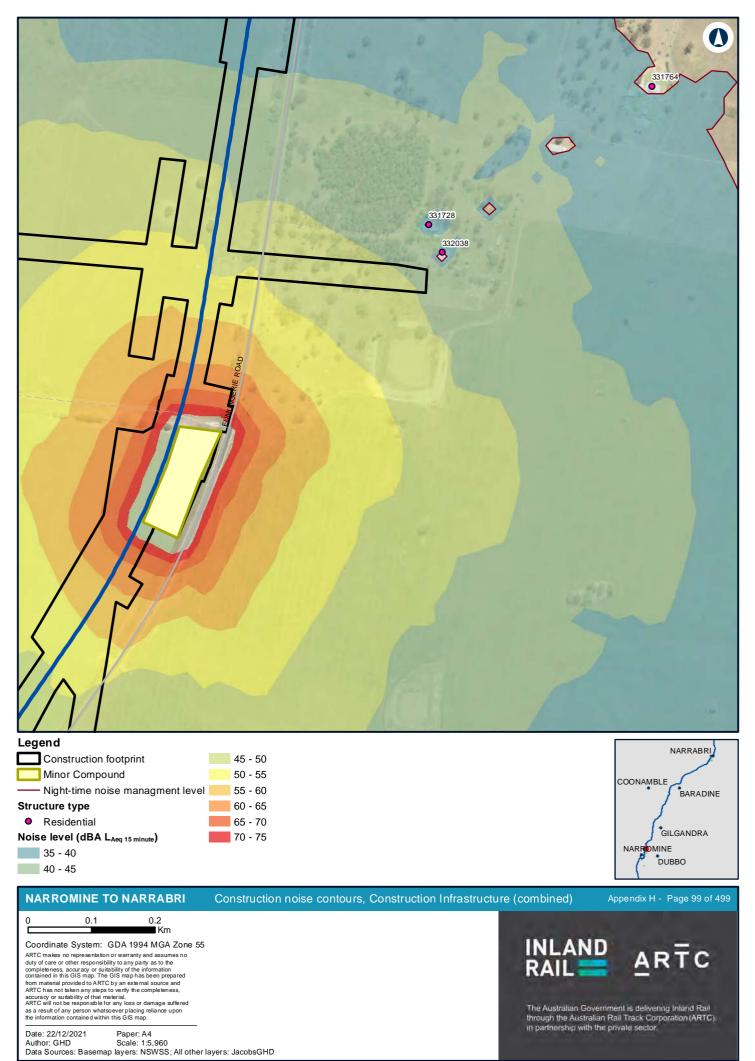
50 - 55

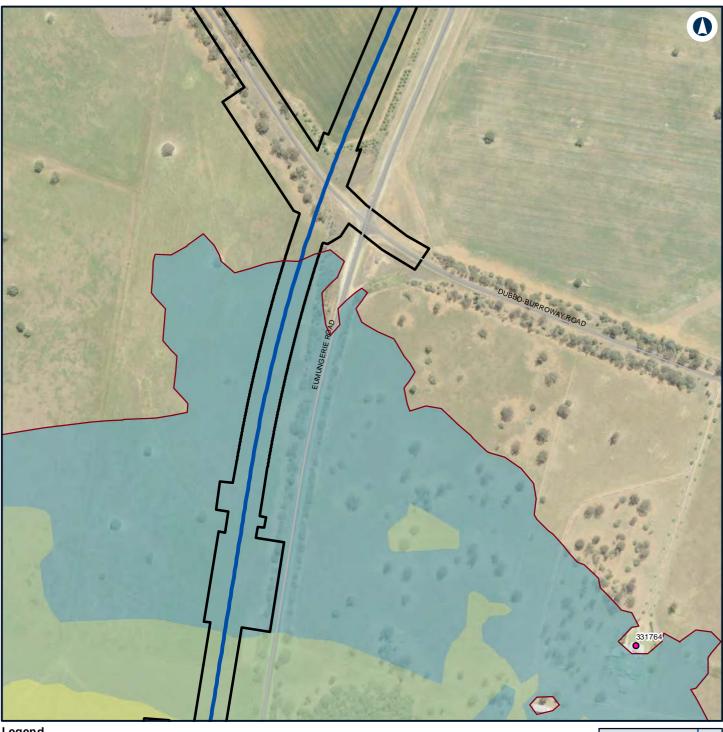
55 - 60

INLAND ARTC

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Construction footprint

- Night-time noise managment level

#### Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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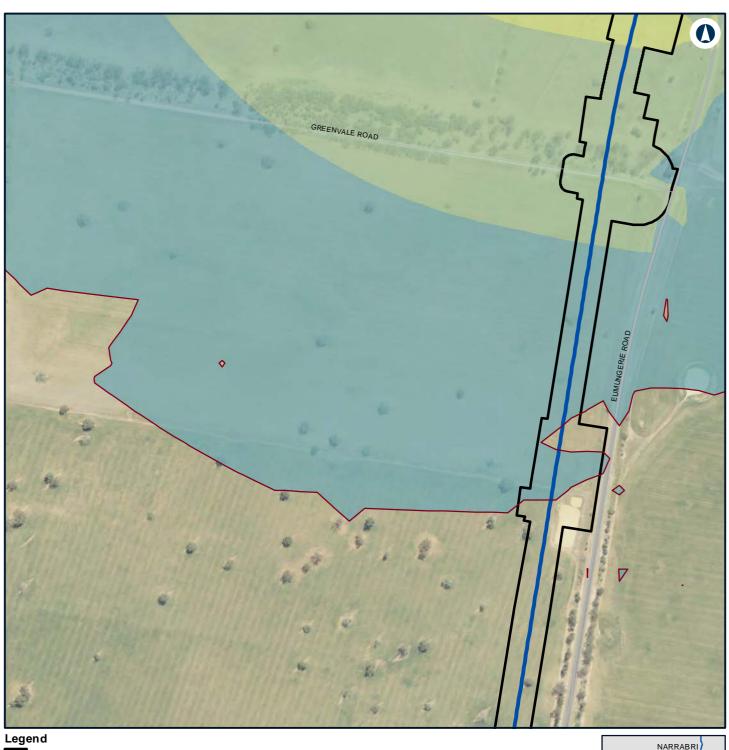
Date: 22/12/2021

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Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

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INLAND ARTC



— Night-time noise managment level

### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

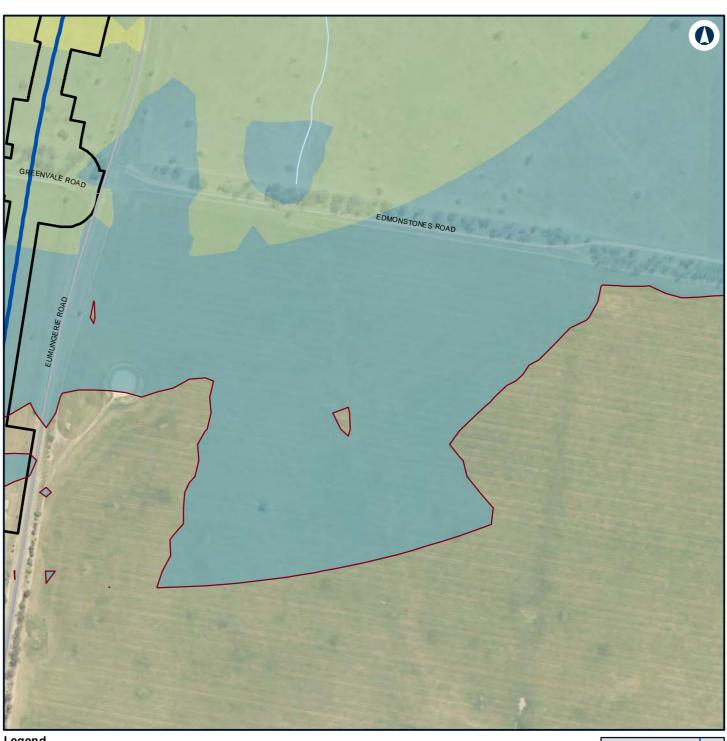
40 - 45

45 - 50

JARROMINE TO NARRABRI Construction noise contours. Construction Infrastruct

NARRABRI
COONAMBLE
BARADINE
GILGANDRA
NARROMINE
DUBBO





Construction footprint

- Night-time noise managment level

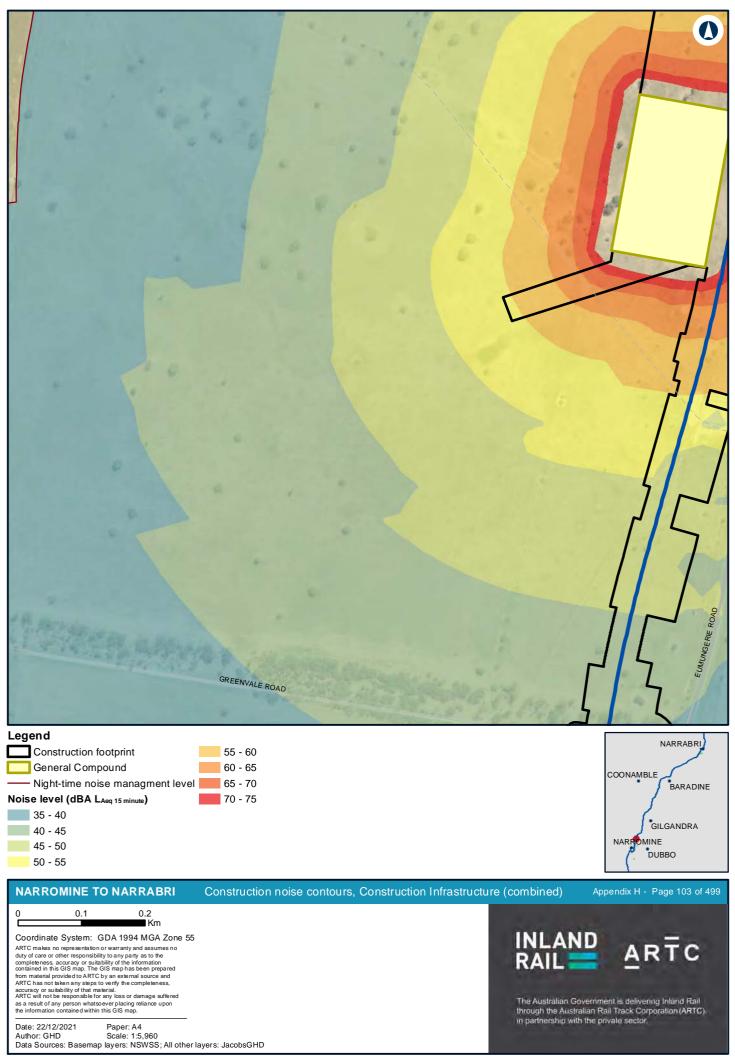
## Noise level (dBA LAeq 15 minute)

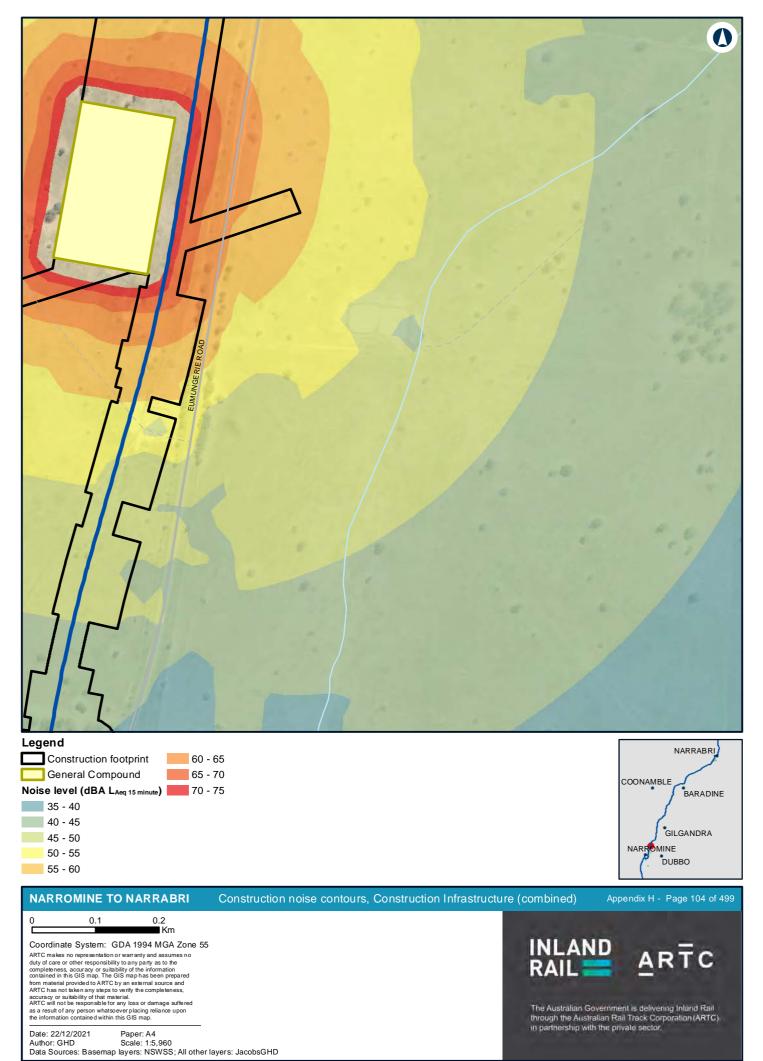
35 - 40

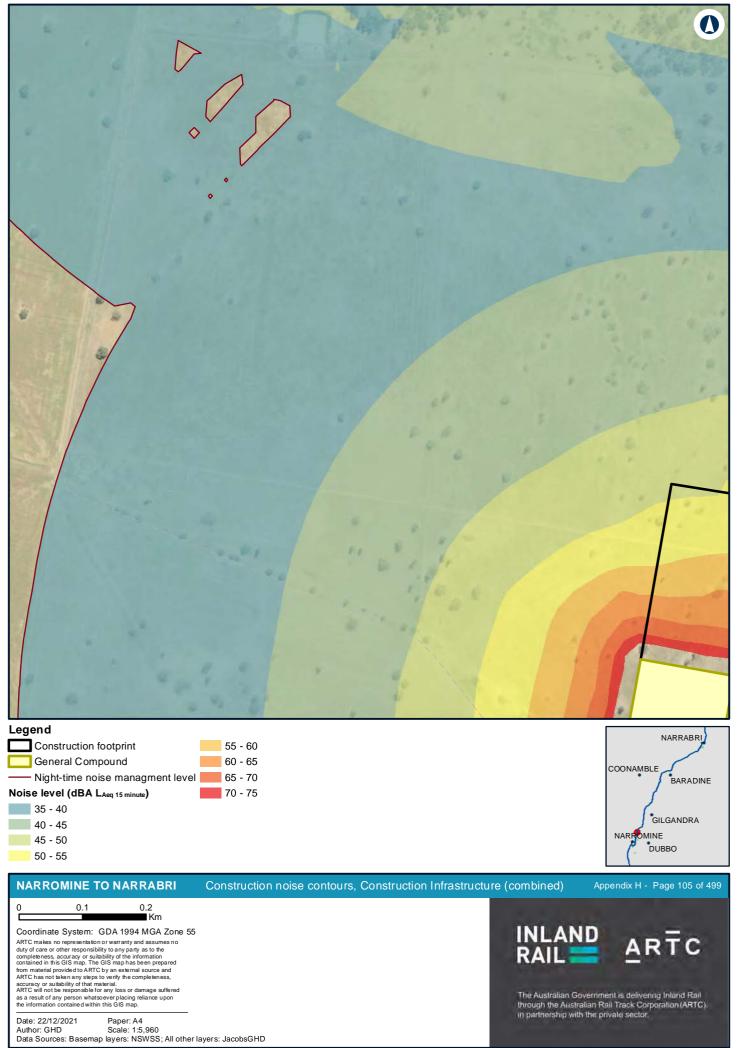
40 - 45

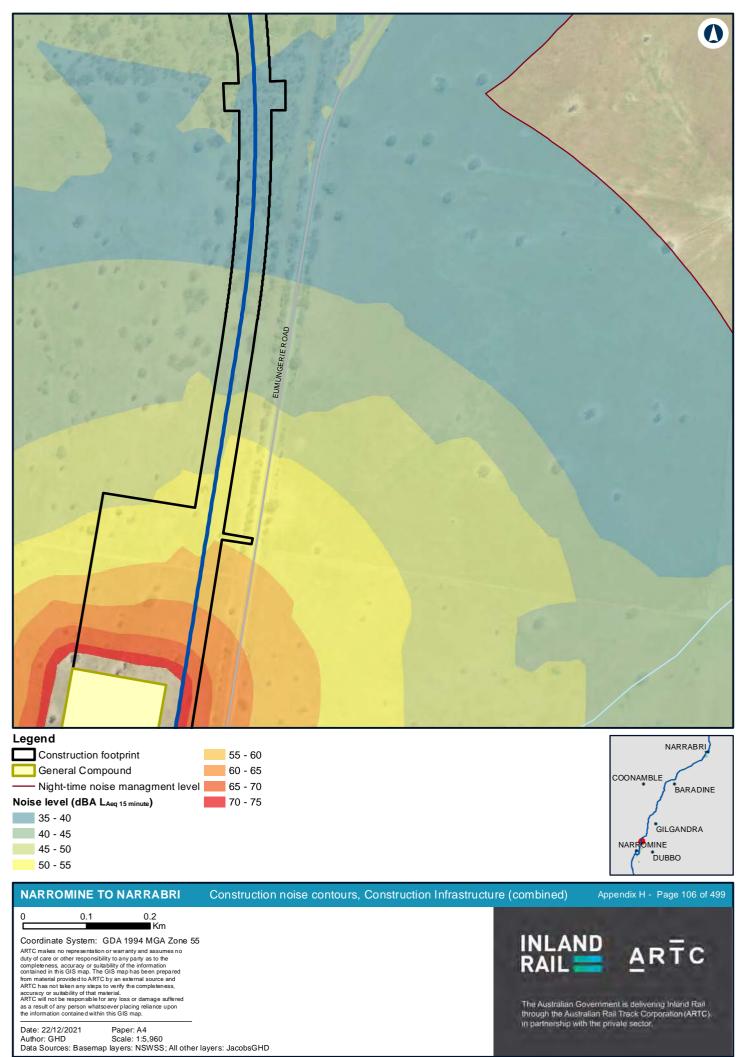


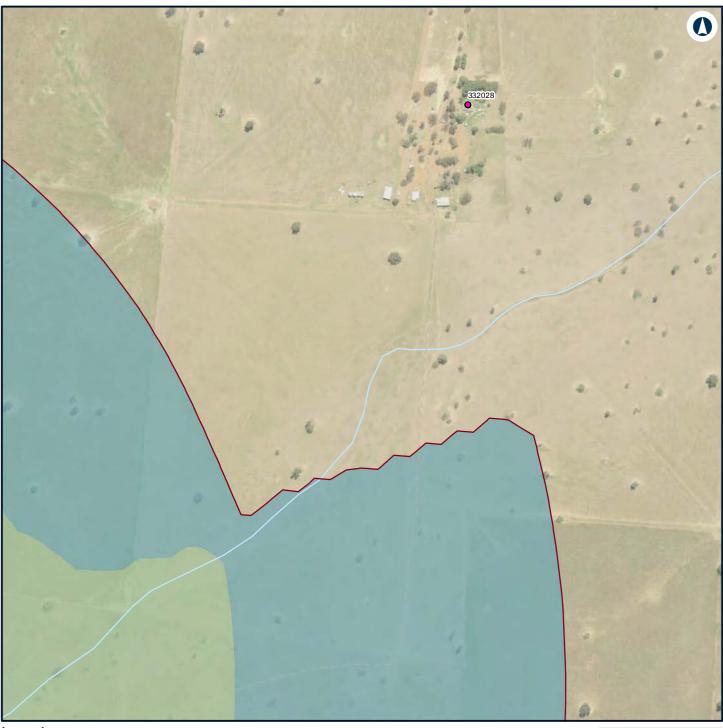












---- Night-time noise managment level

#### Structure type

Residential

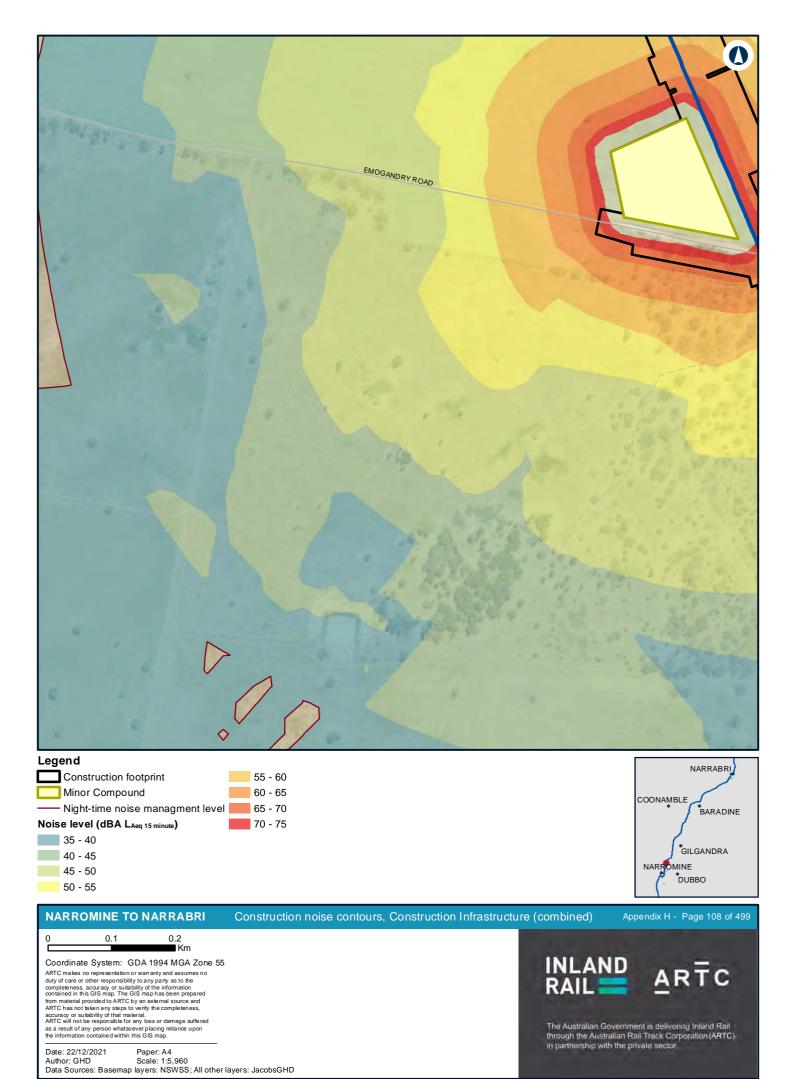
#### Noise level (dBA LAeq 15 minute)

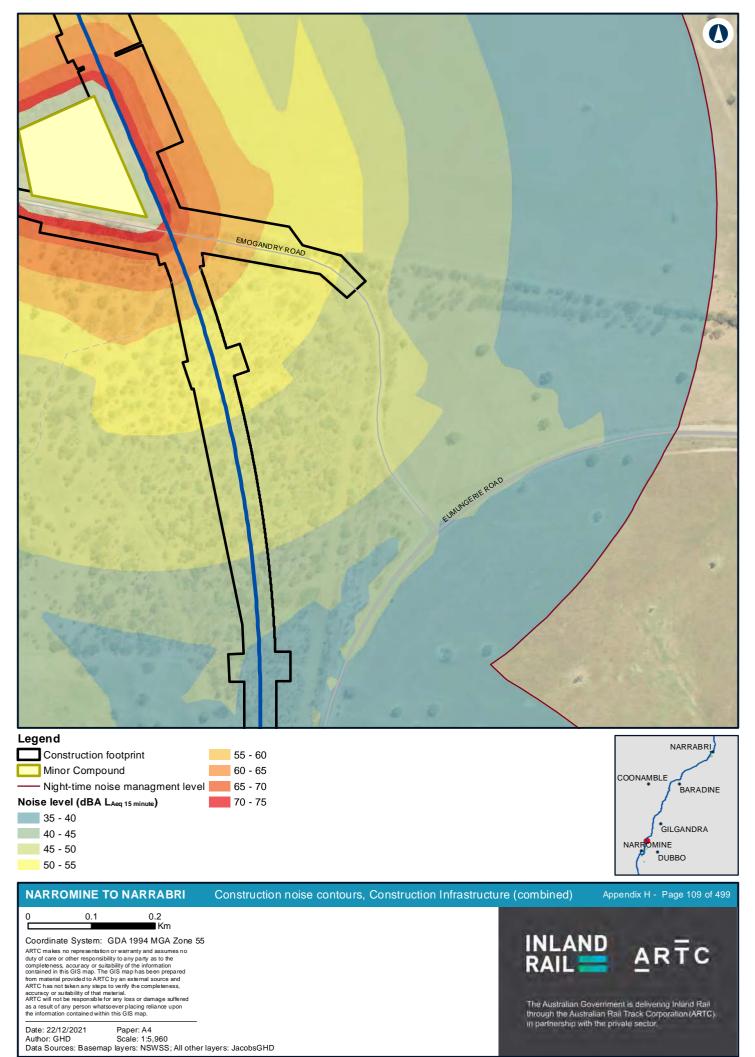
35 - 40

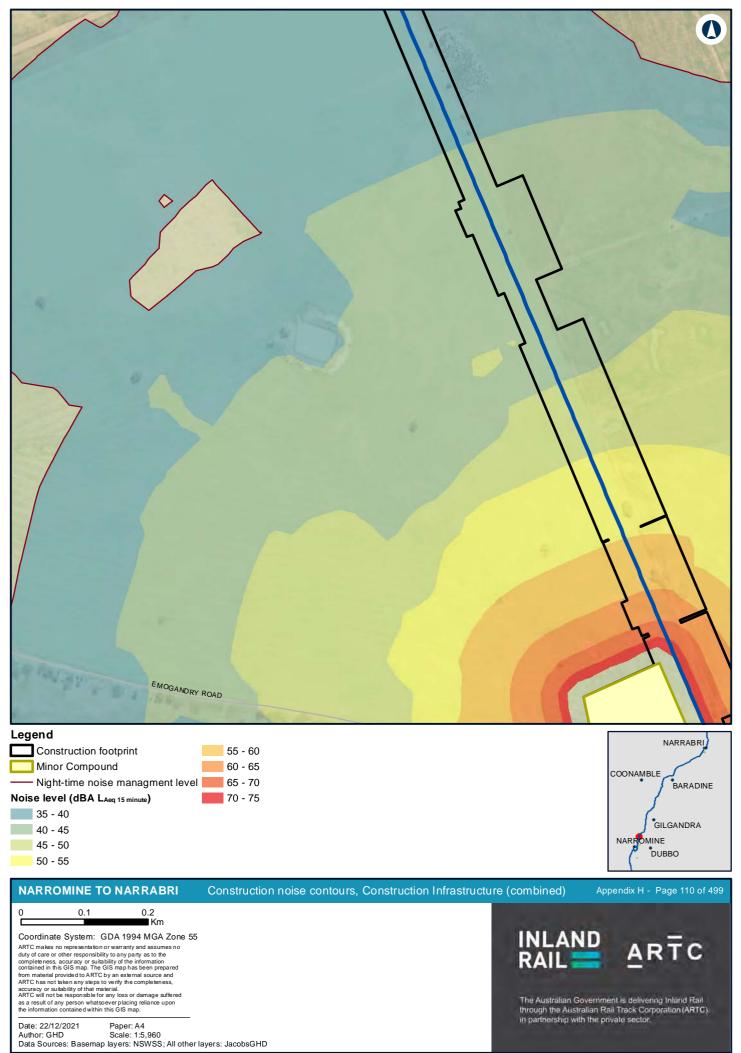
40 - 45

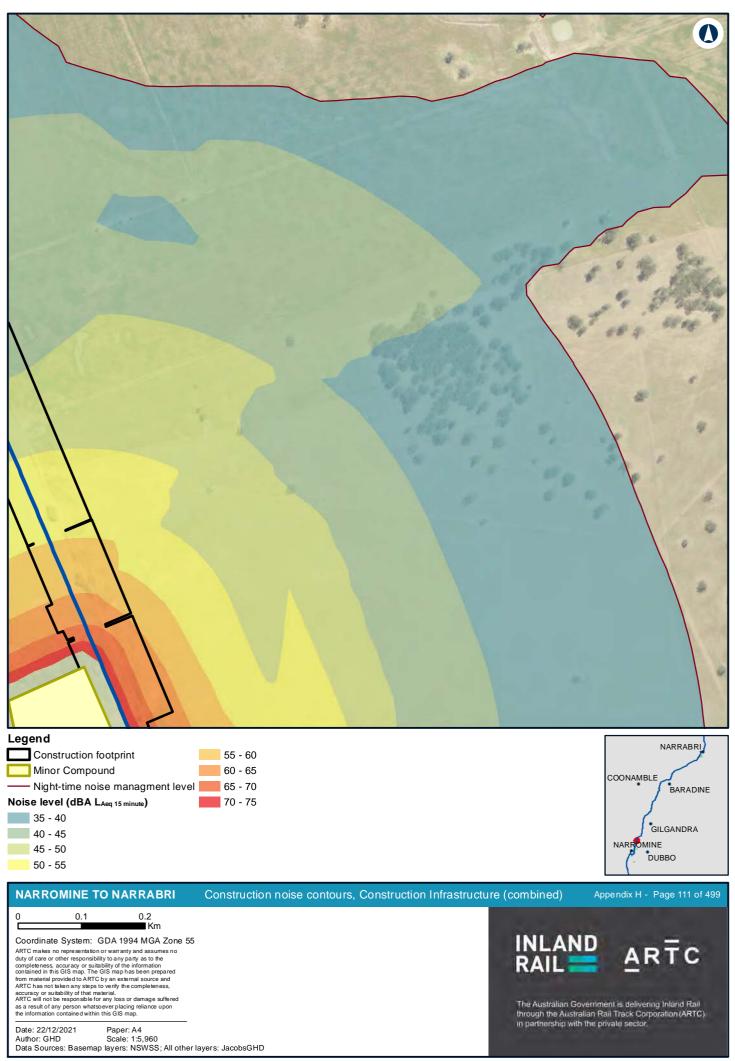














Construction footprint

---- Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40





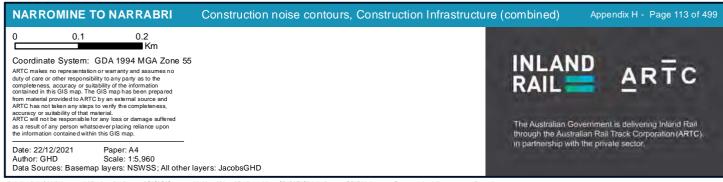


Construction footprint

---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction noise contours, Construction Infrastructure (combined)

# Legend

Construction footprint

- Night-time noise managment level

## Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



#### NARROMINE TO NARRABRI 0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

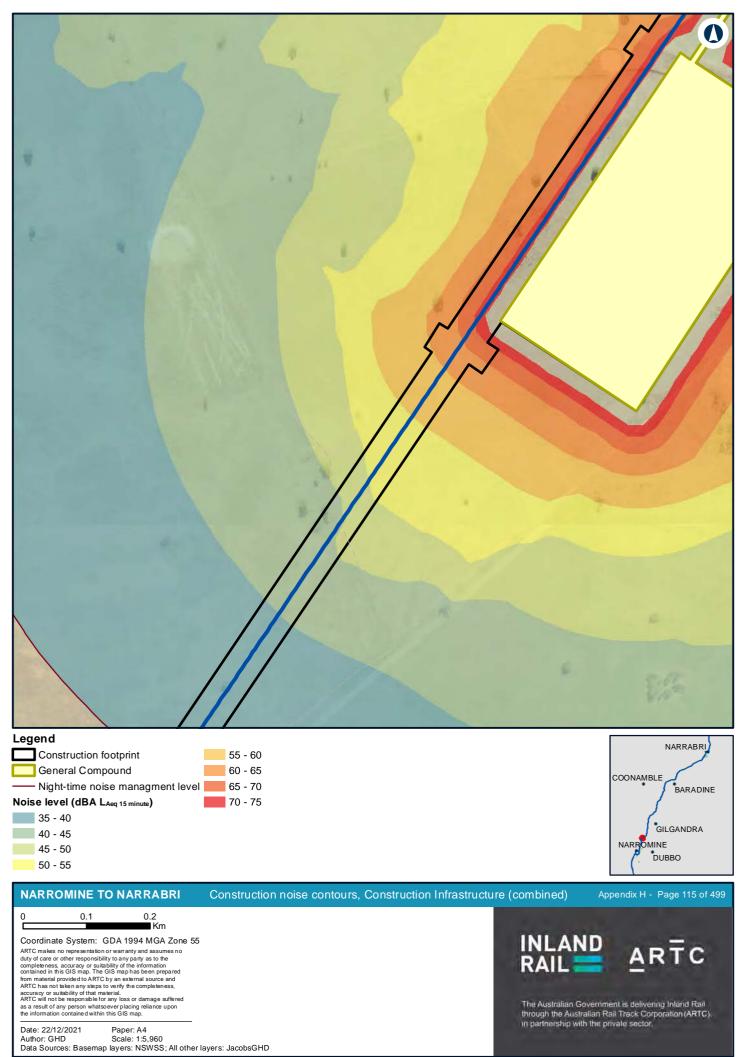
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

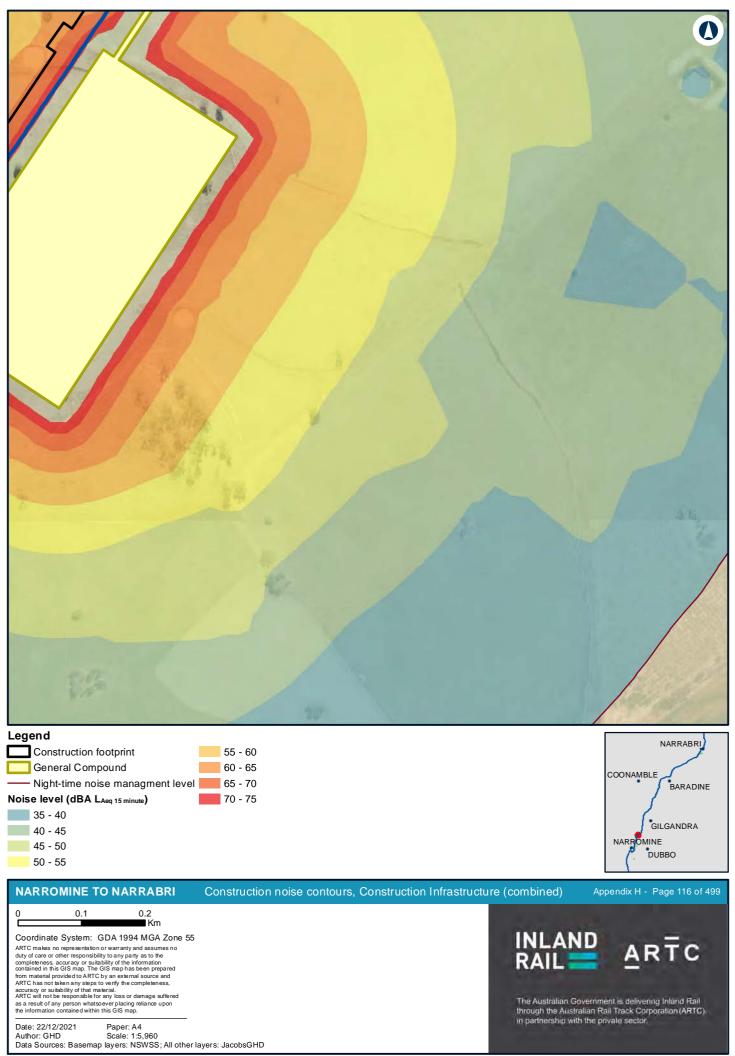
Date: 22/12/2021

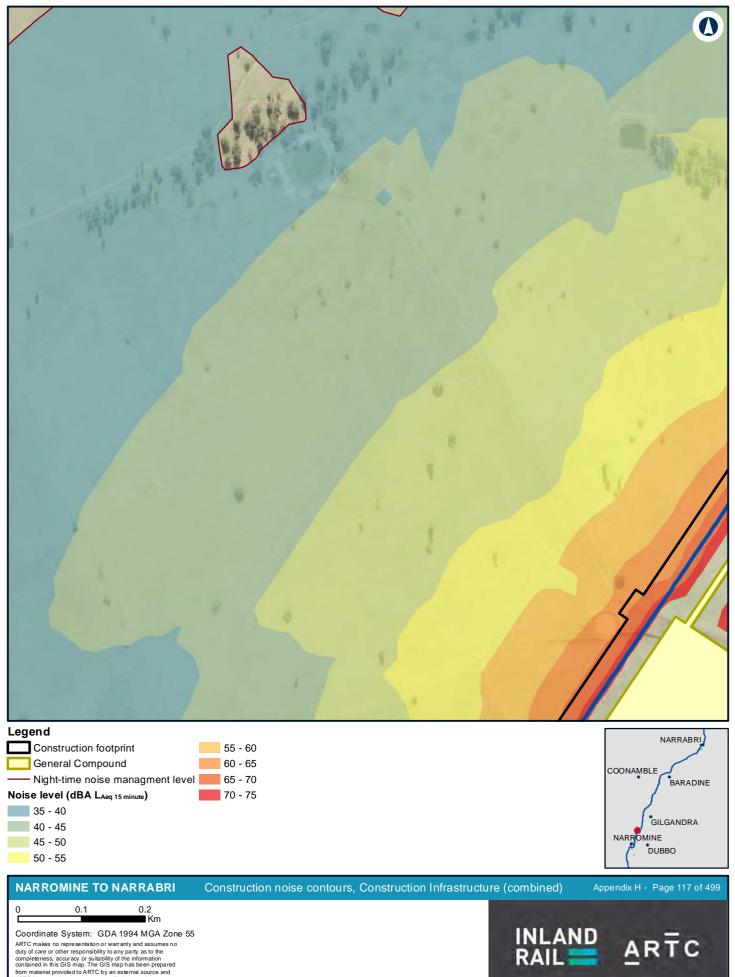
Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

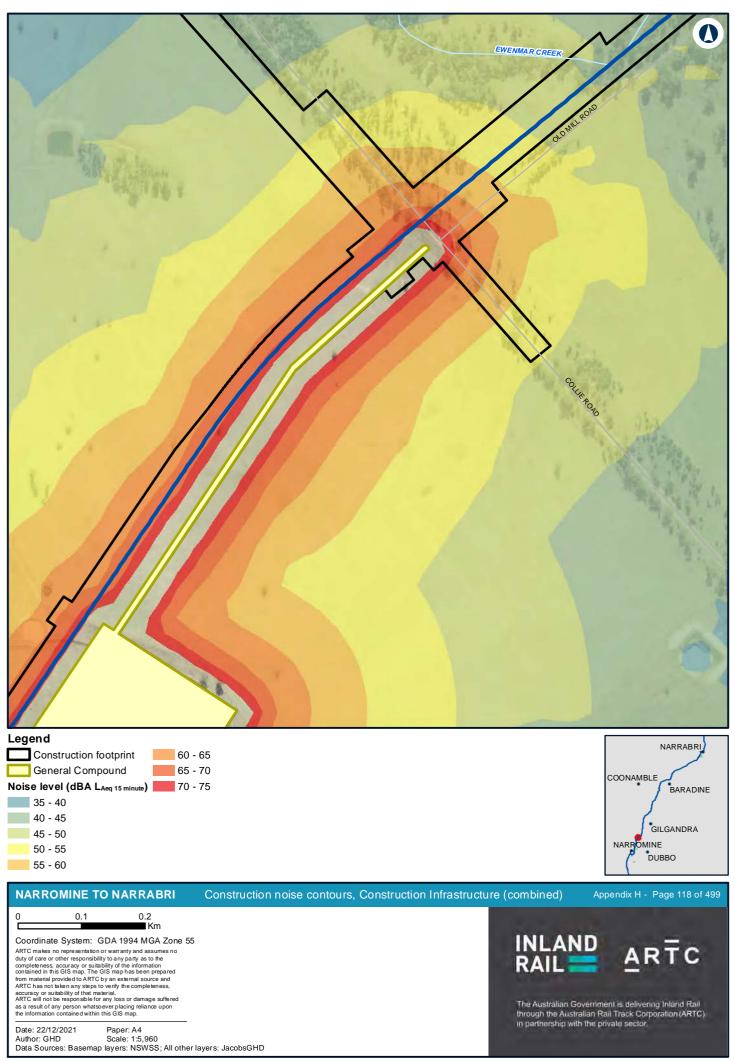
INLAND ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector.

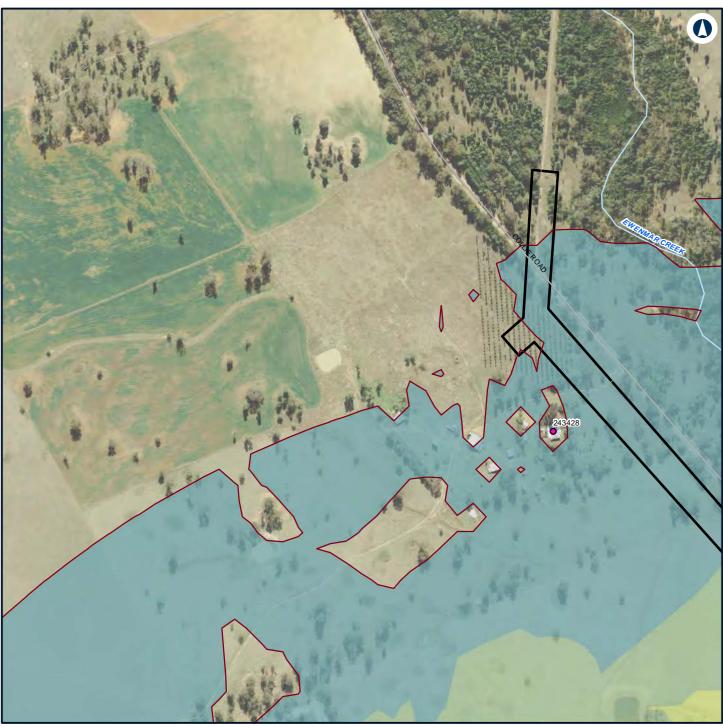












Construction footprint

Night-time noise managment level

#### Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.2 Km 0.1

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

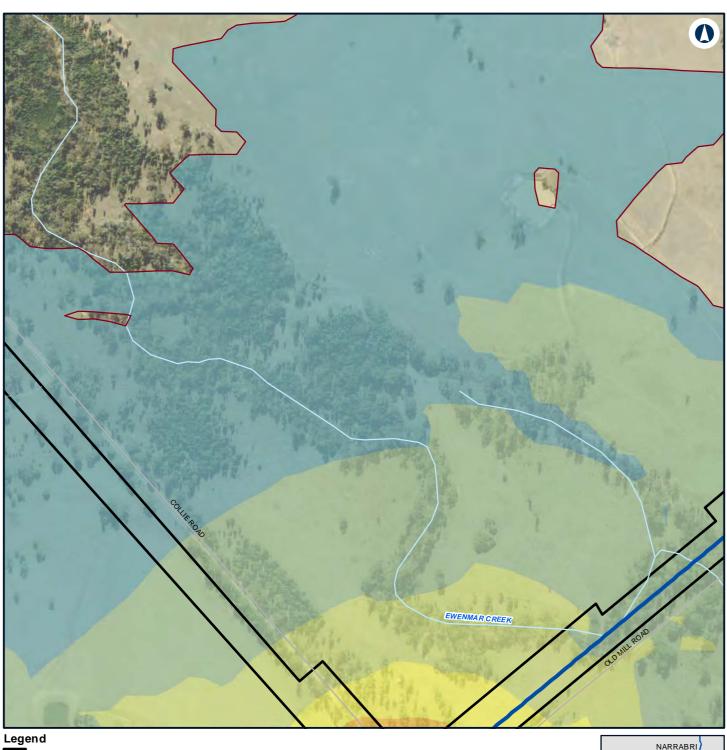
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 22/12/2021

Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

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



Construction footprint

Night-time noise managment level

## Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55

55 - 60



# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

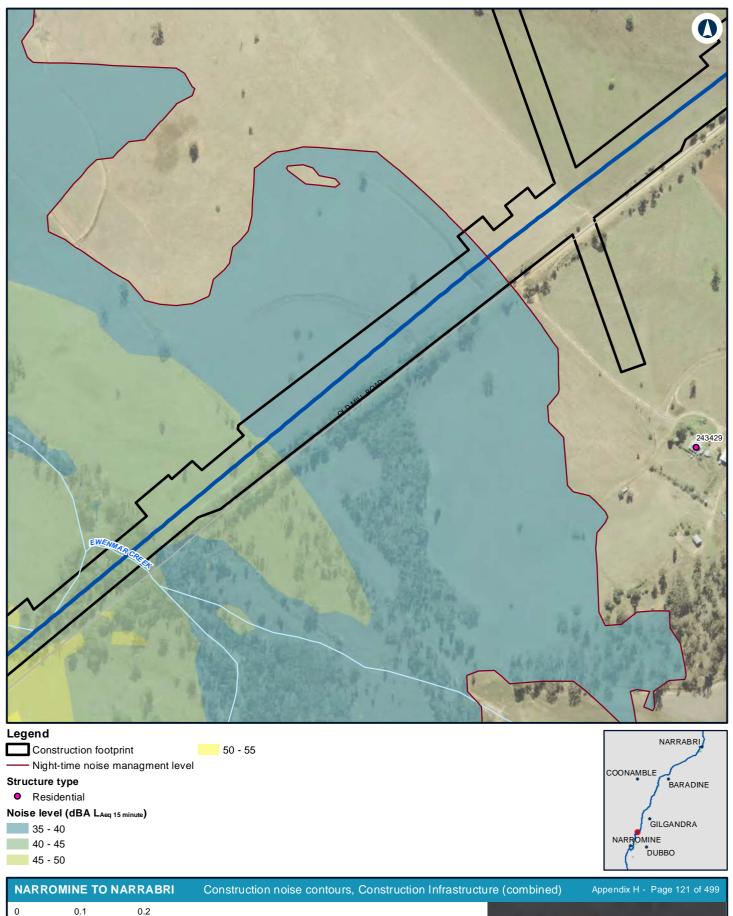
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 22/12/2021

Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD









Construction footprint

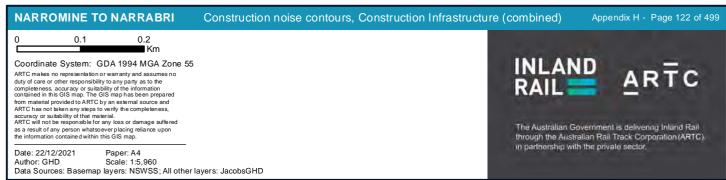
— Night-time noise managment level

#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







---- Night-time noise managment level

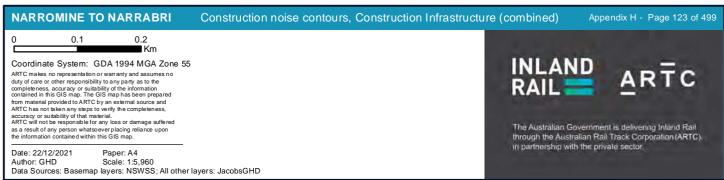
#### Structure type

Residential

#### Noise level (dBA LAeq 15 minute)

35 - 40





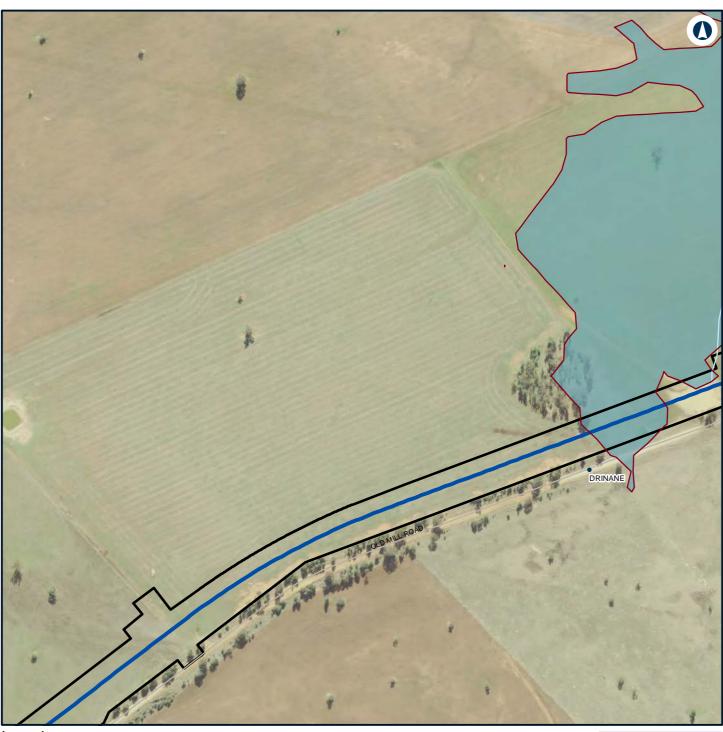


Night-time noise managment level

Noise level (dBA LAeq 15 minute)





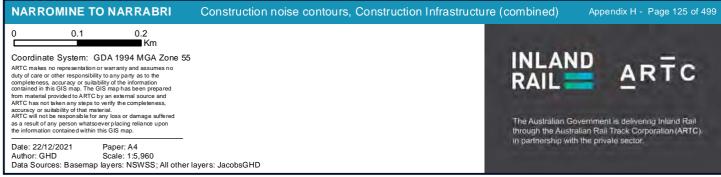


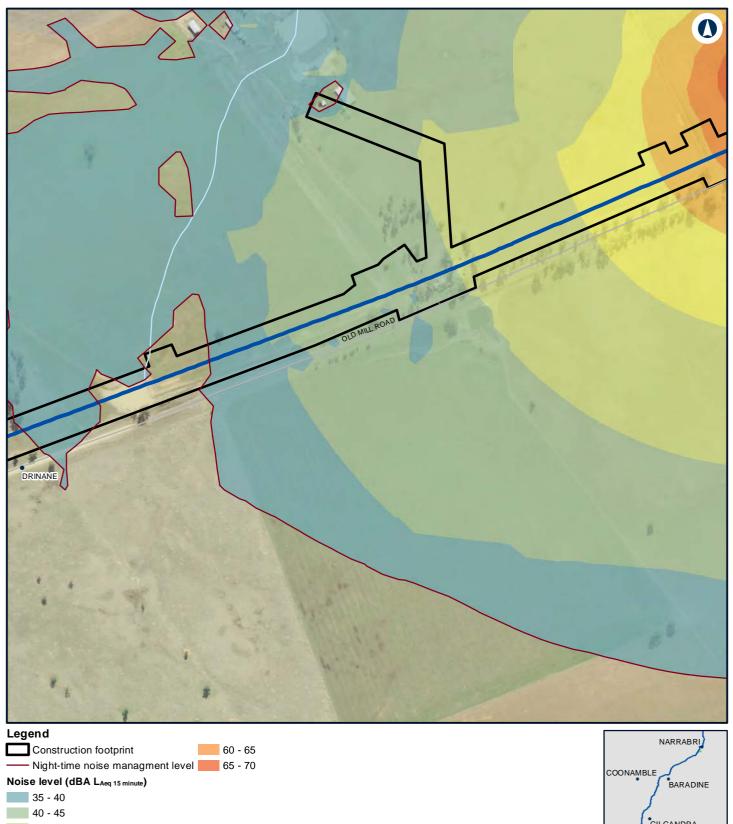
Construction footprint

---- Night-time noise managment level

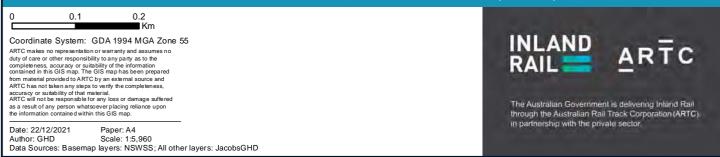
Noise level (dBA L<sub>Aeq 15 minute</sub>)

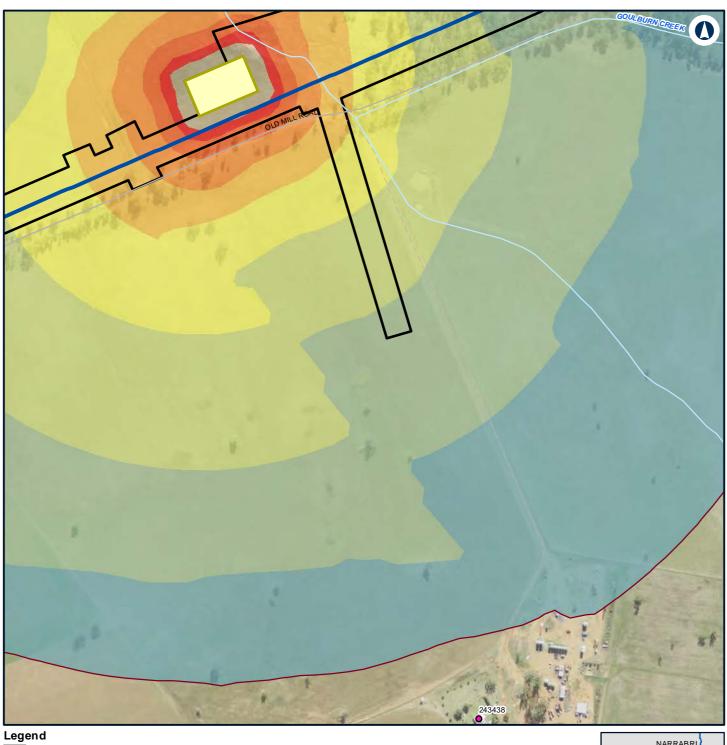


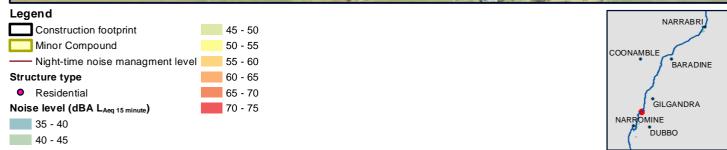




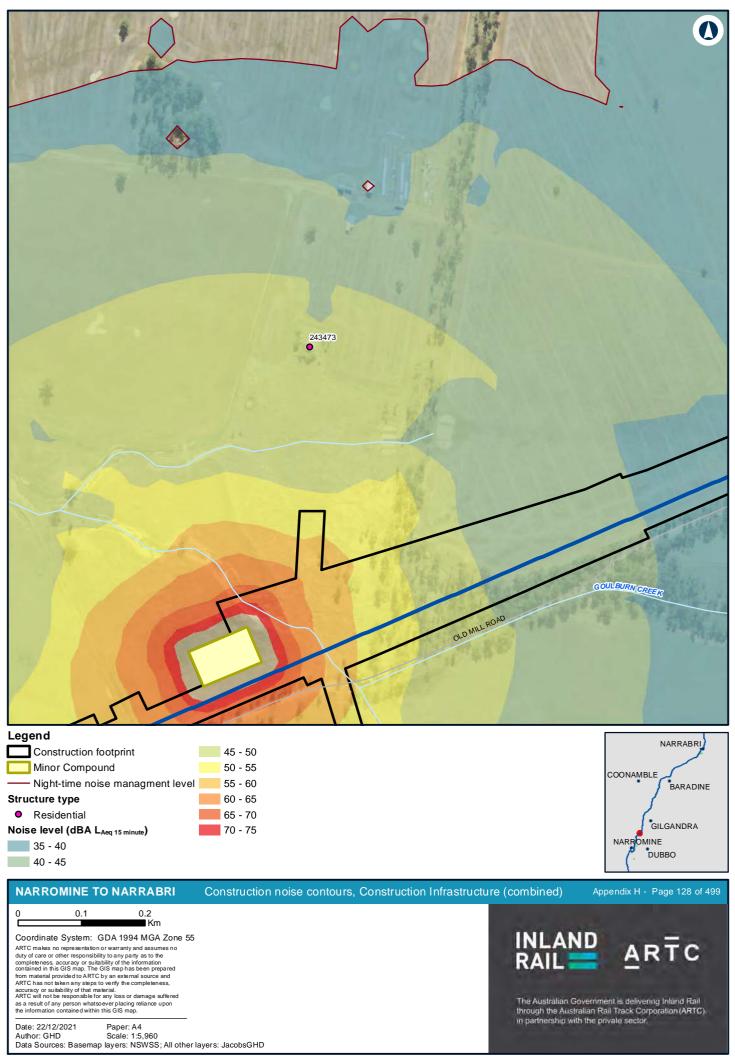


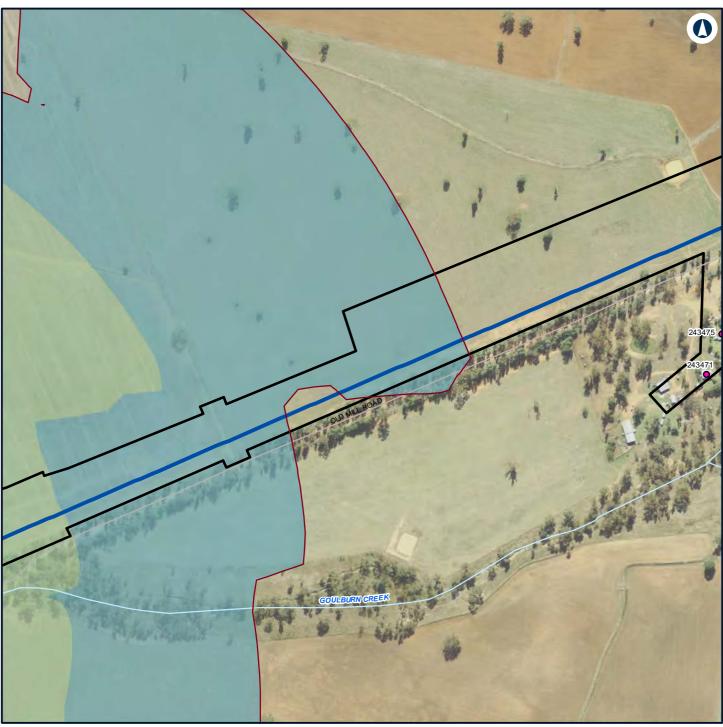












Construction footprint

— Night-time noise managment level

### Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45



# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) O 0.1 0.2 Km Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. Date: 22/12/2021 Paper: A4 Author: GHD Scale: 1:5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



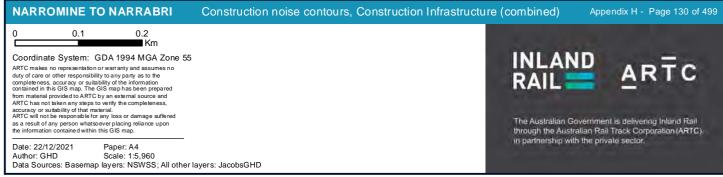
Construction footprint

— Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint

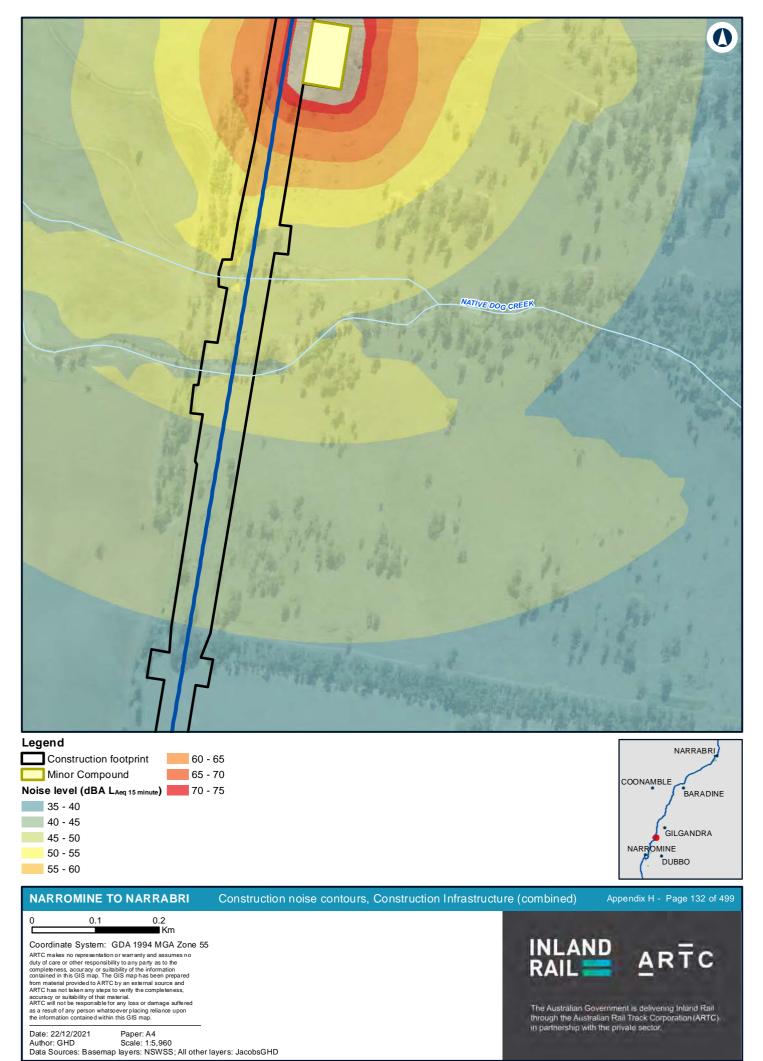
---- Night-time noise managment level

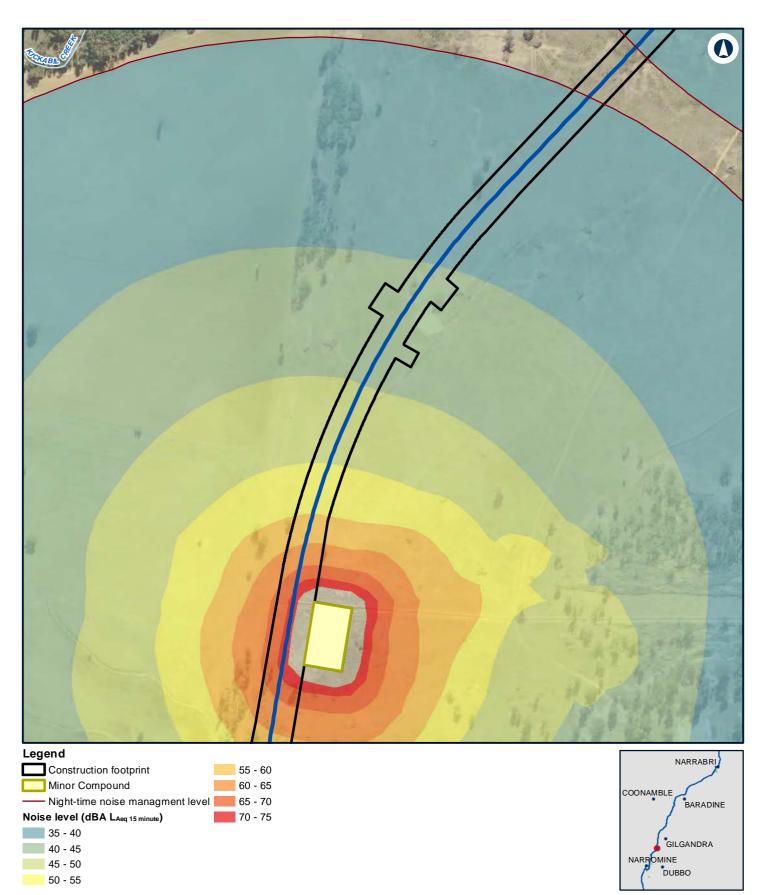
#### Noise level (dBA L<sub>Aeq 15 minute</sub>)

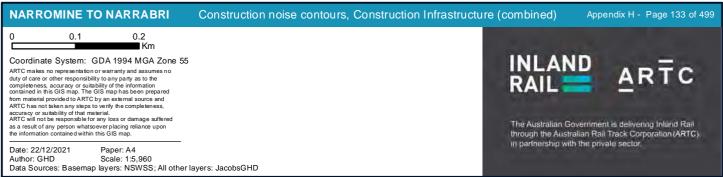
35 - 40

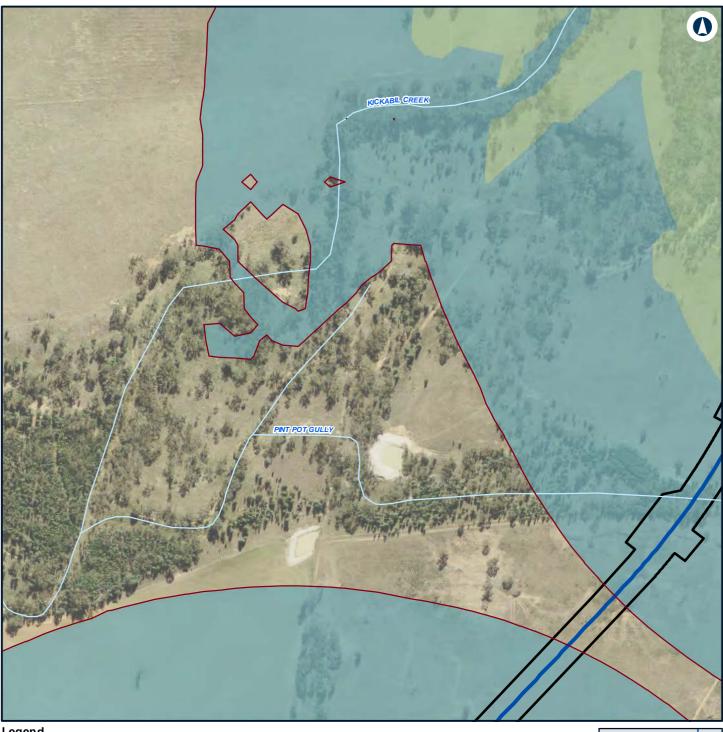












Construction footprint

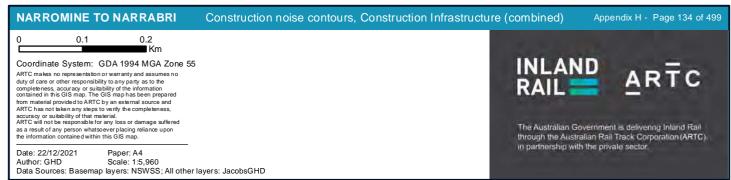
Night-time noise managment level

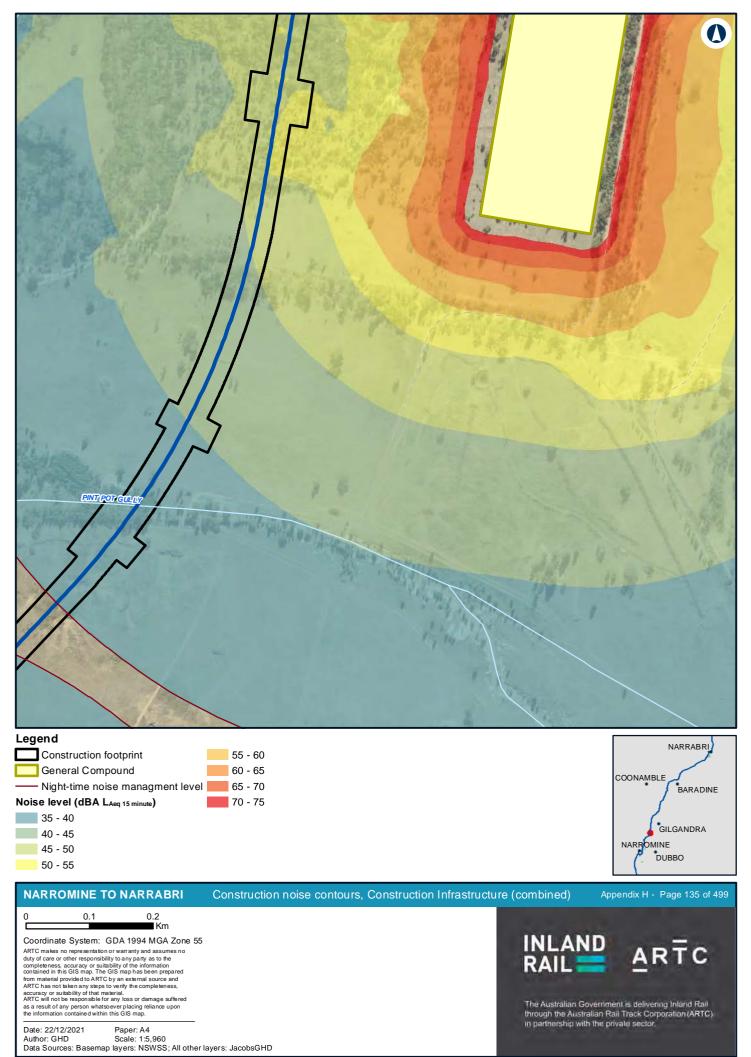
### Noise level (dBA LAeq 15 minute)

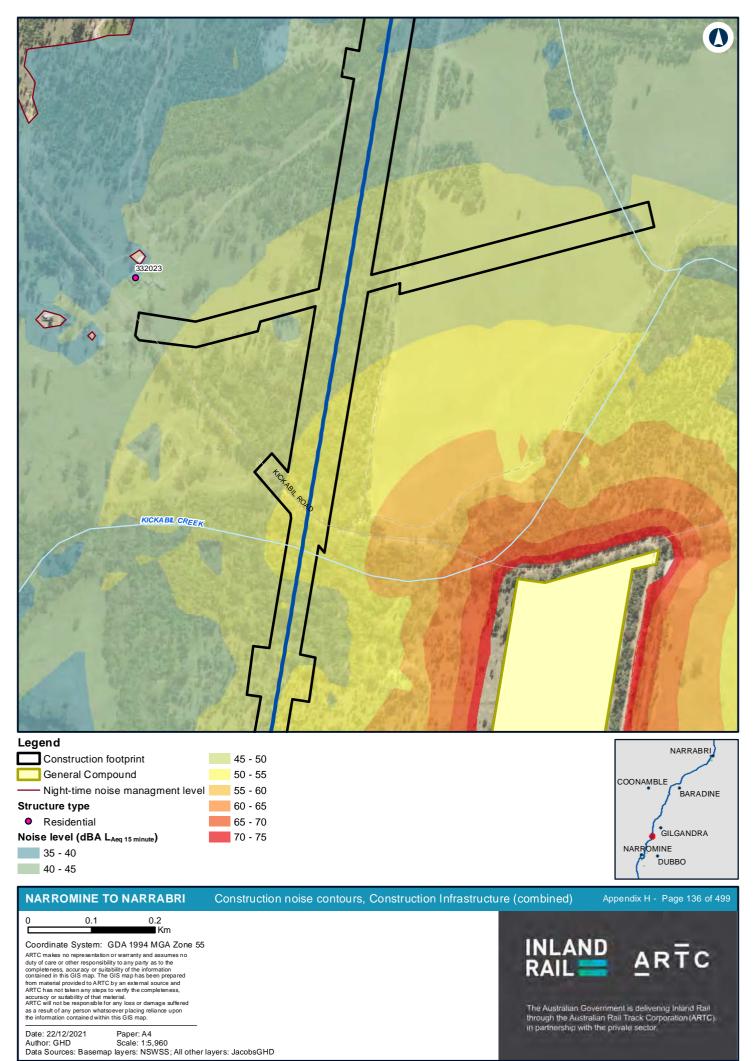
35 - 40

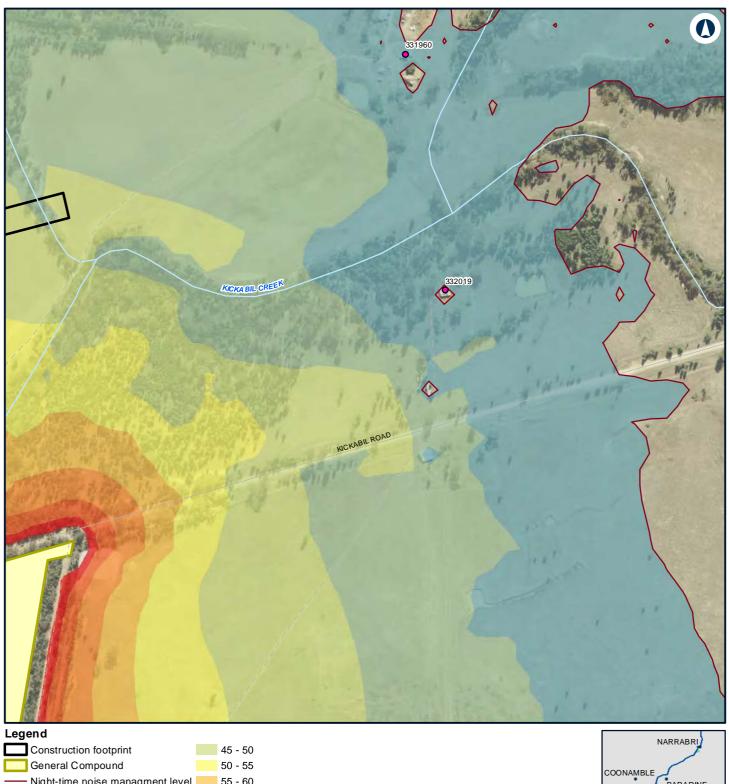
40 - 45

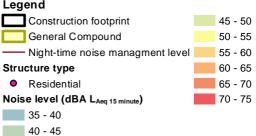




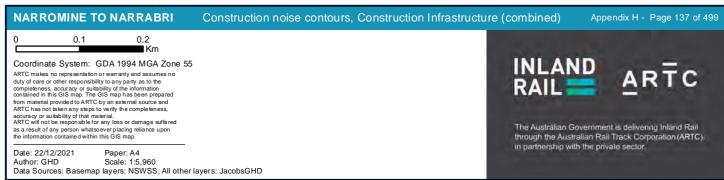


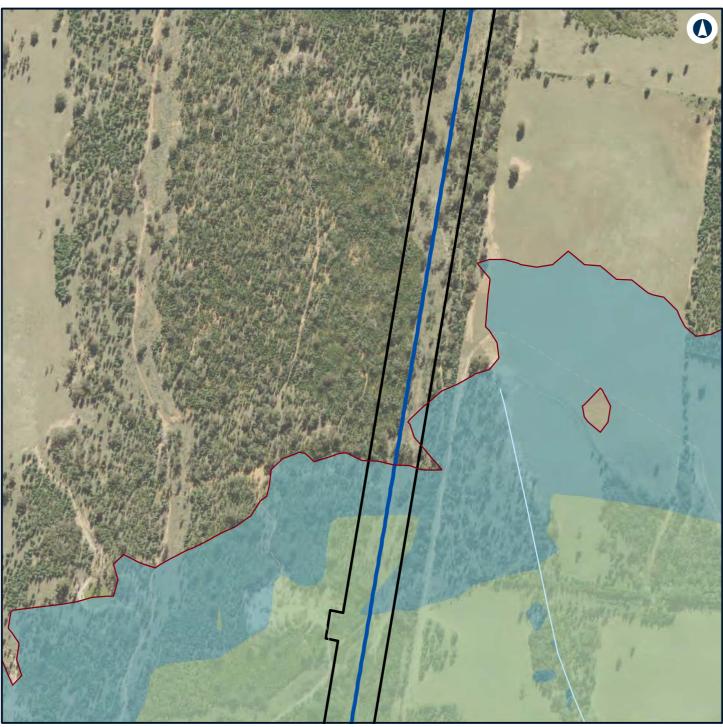












Construction footprint

---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







---- Night-time noise managment level

#### Structure type

Residential

#### Noise level (dBA LAeq 15 minute)

35 - 40





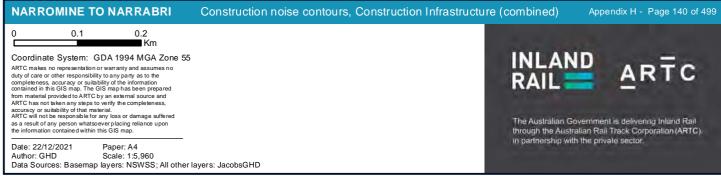


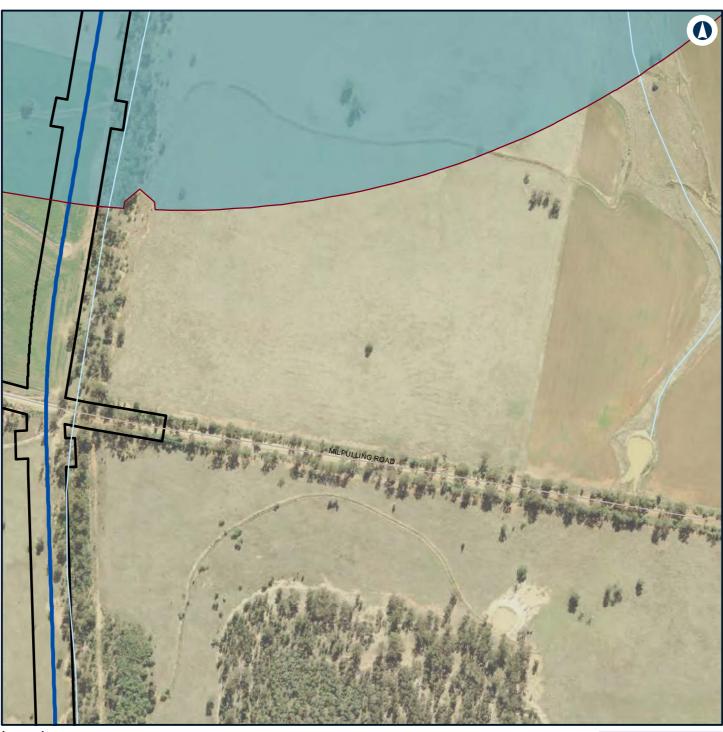
Construction footprint

— Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction footprint

---- Night-time noise managment level

Noise level (dBA LAeq 15 minute)







---- Night-time noise managment level

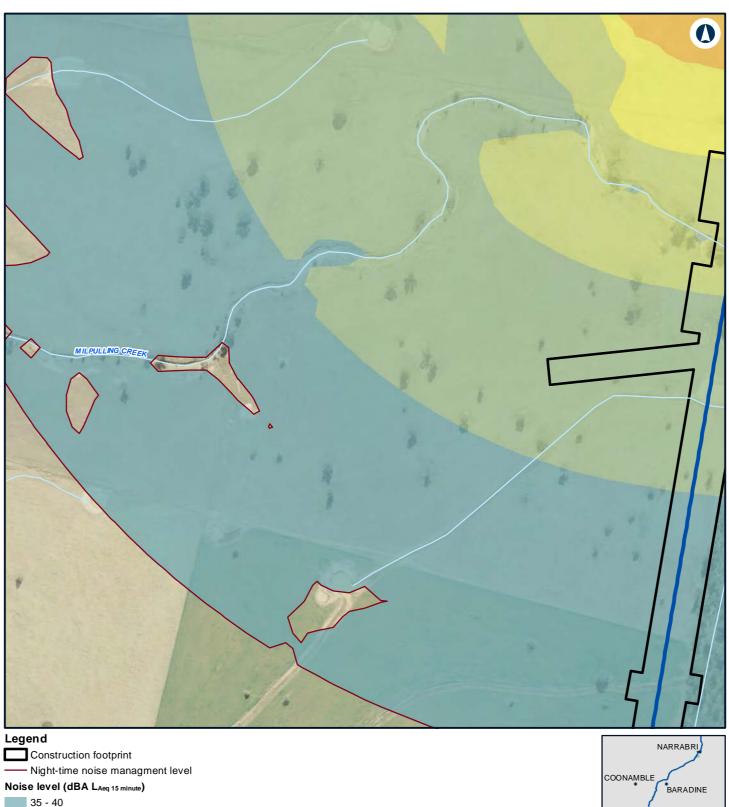
#### Structure type

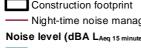
Residential

Noise level (dBA LAeq 15 minute)







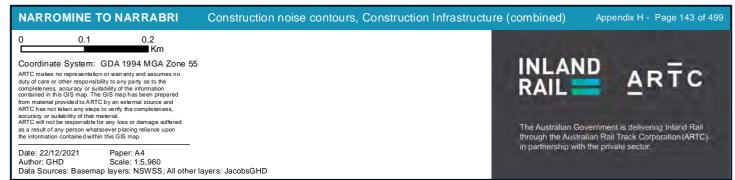


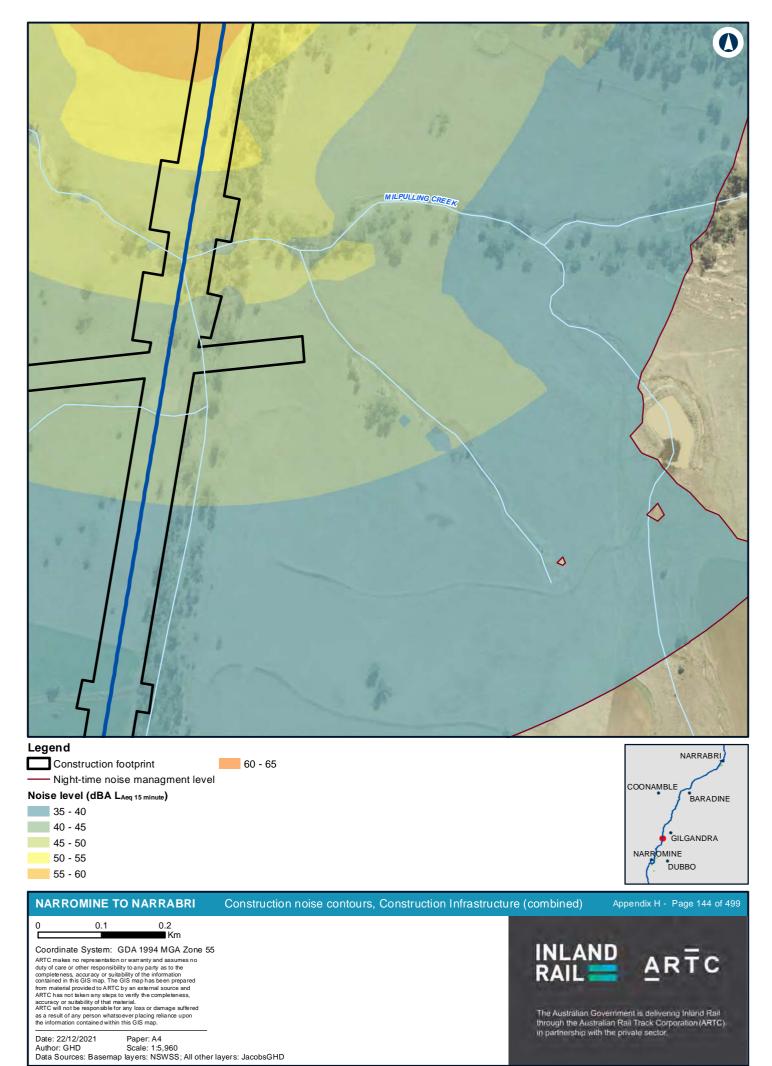
40 - 45

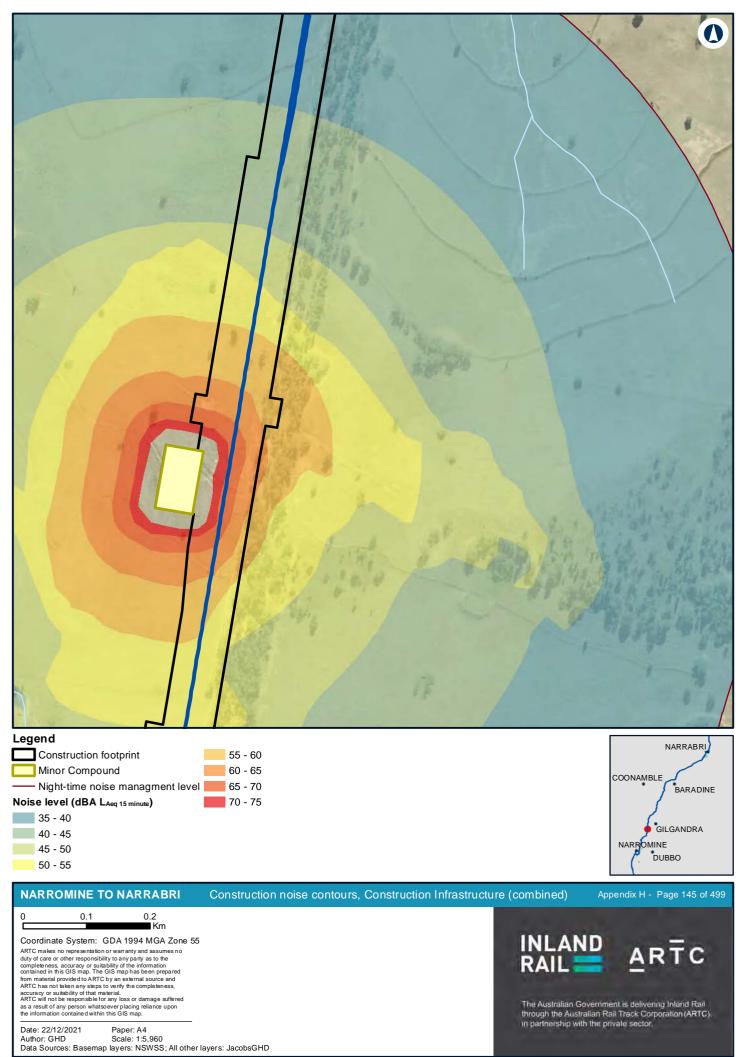
45 - 50

50 - 55











---- Night-time noise managment level

### Structure type

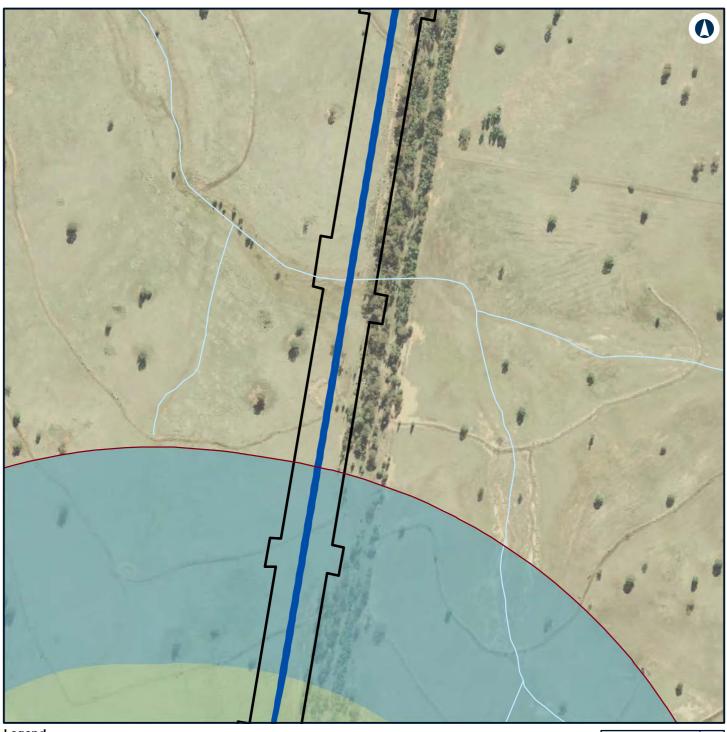
Residential

#### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







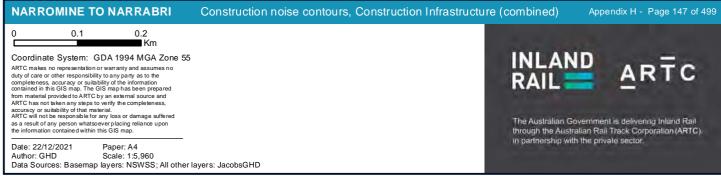
Construction footprint

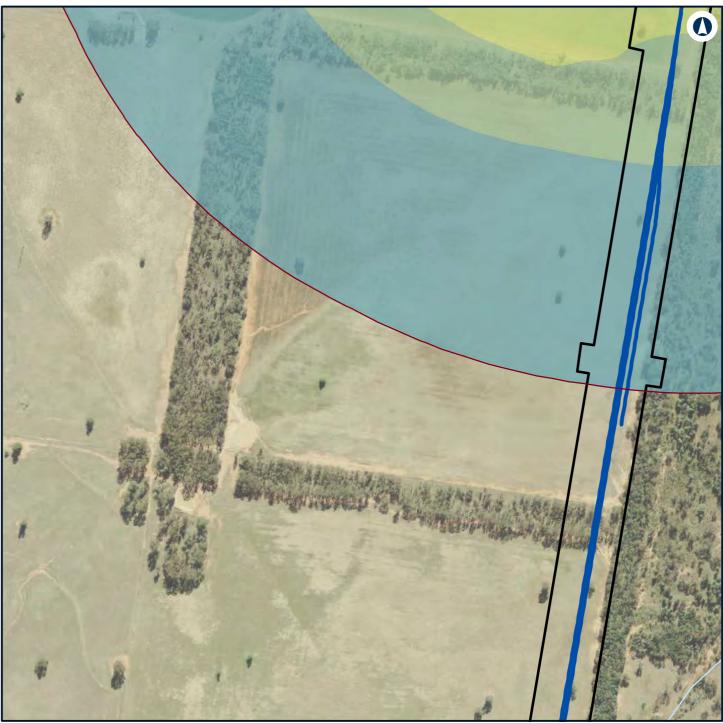
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







Construction footprint

Night-time noise managment level

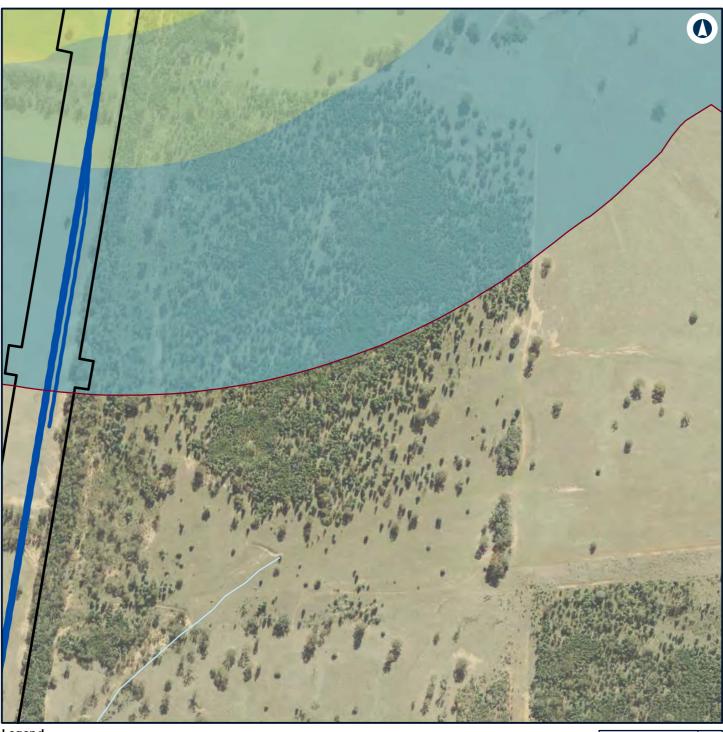
### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







Construction footprint

Night-time noise managment level

### Noise level (dBA LAeq 15 minute)

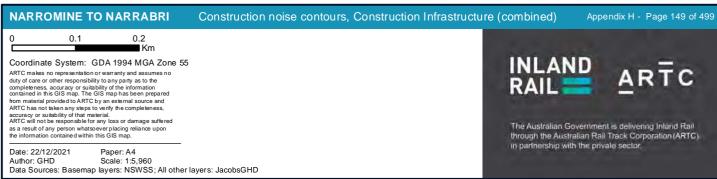
35 - 40

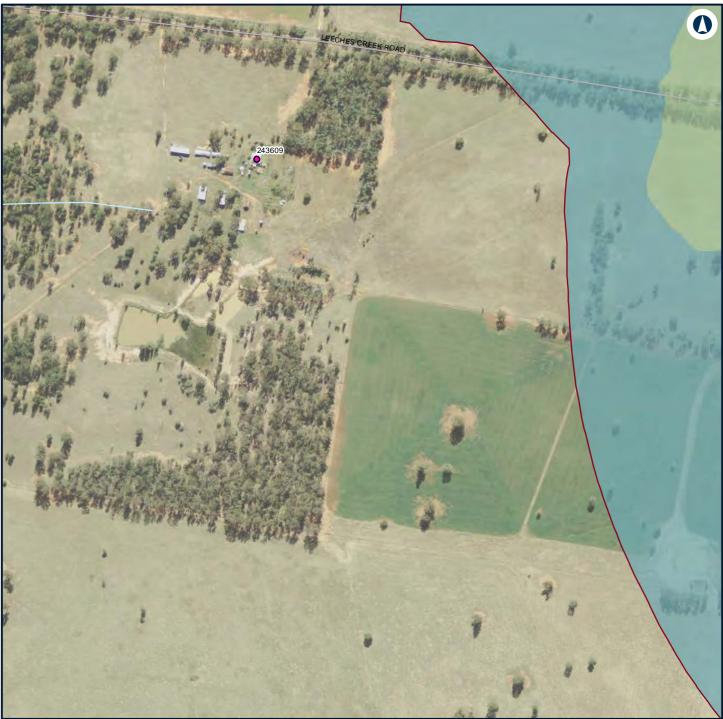
40 - 45

45 - 50

COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

NARRABRI





---- Night-time noise managment level

### Structure type

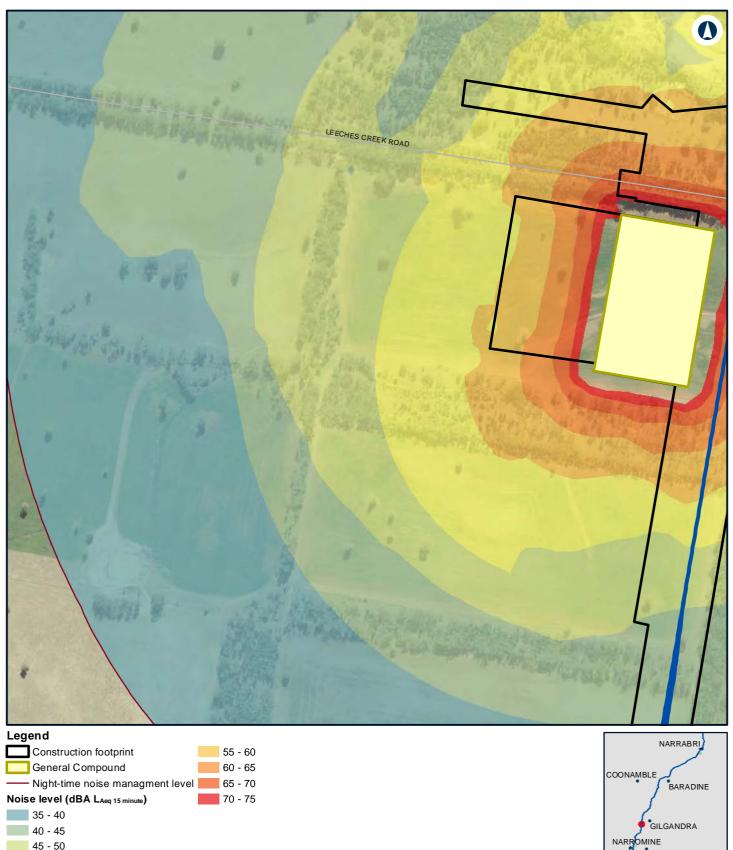
Residential

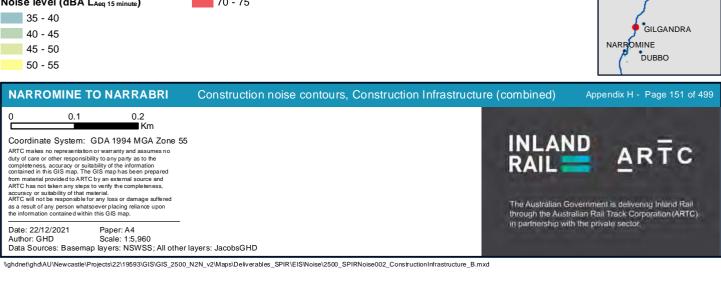
Noise level (dBA L<sub>Aeq 15 minute</sub>)

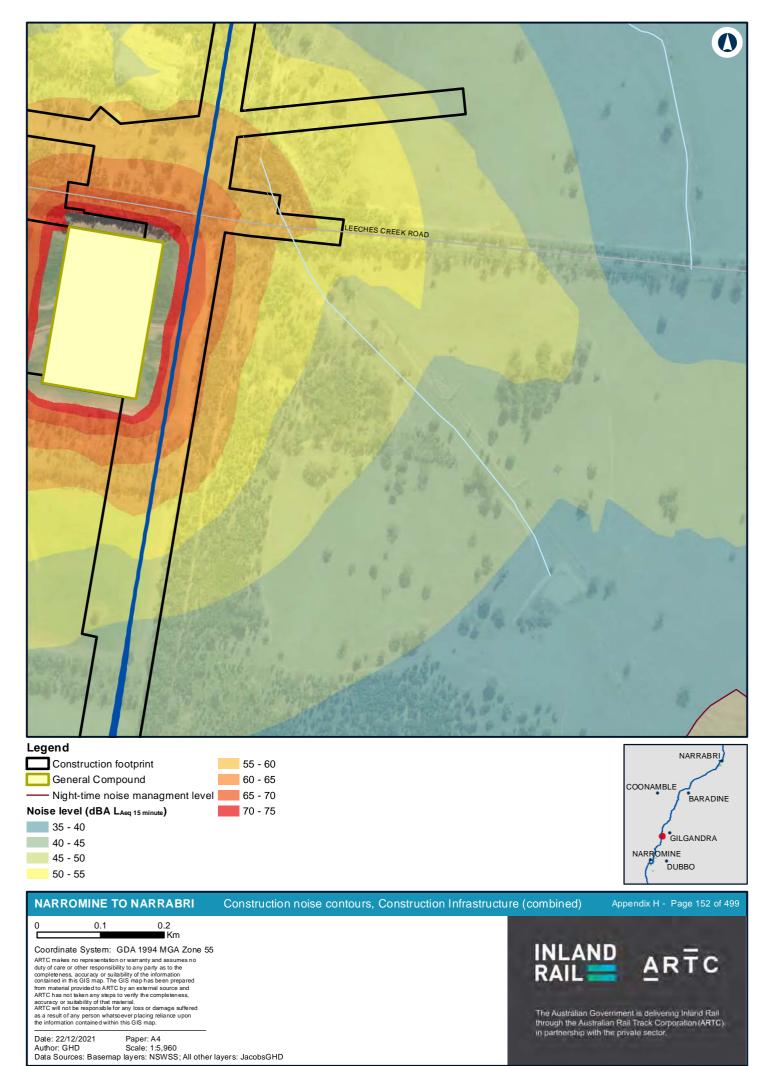
35 - 40

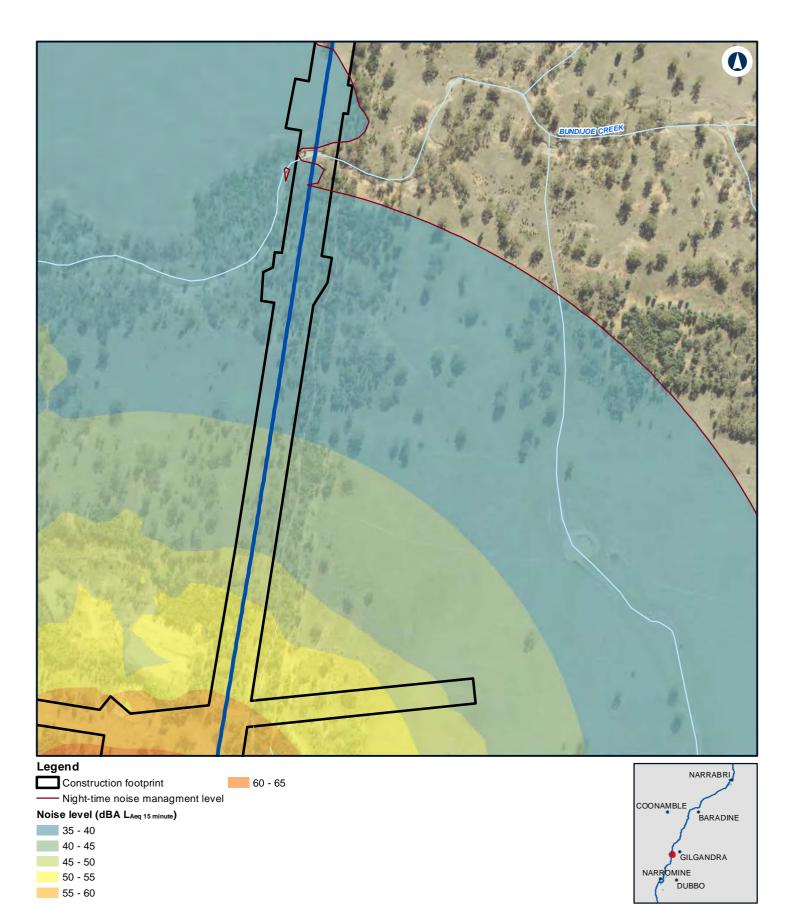


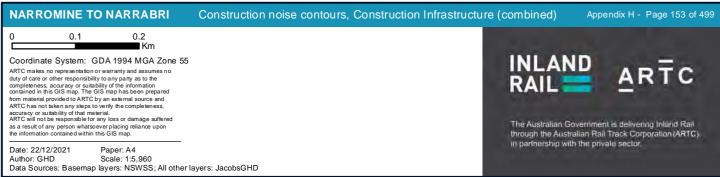














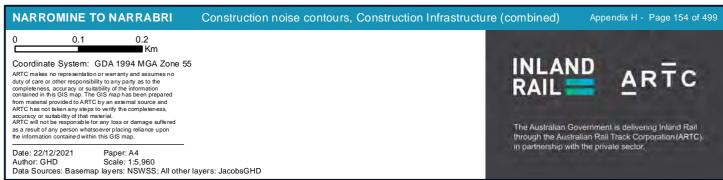
---- Night-time noise managment level

### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction footprint

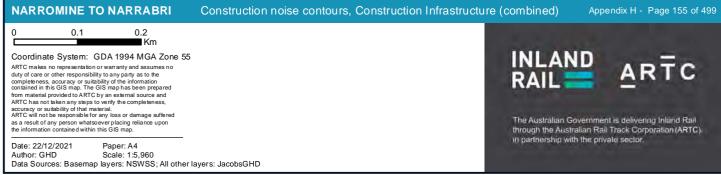
— Night-time noise managment level

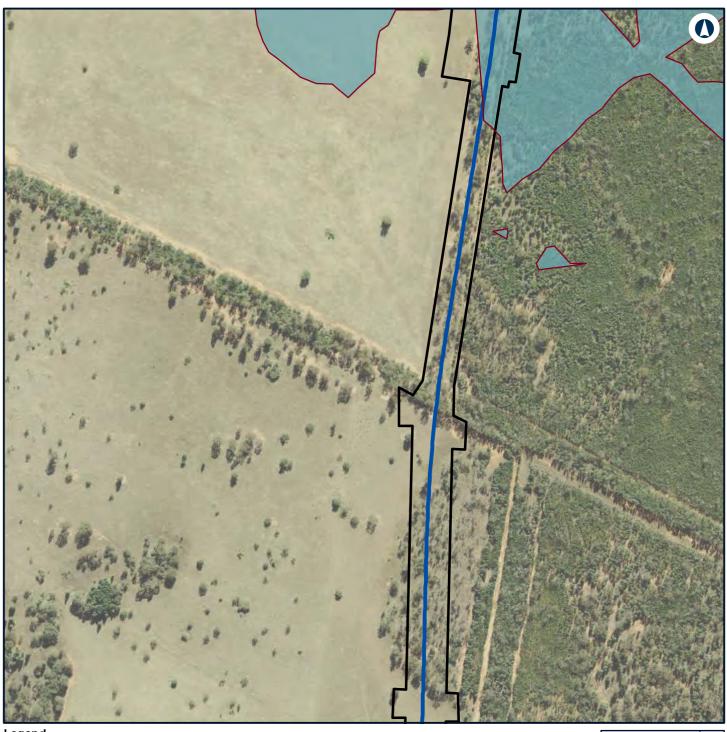
### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)





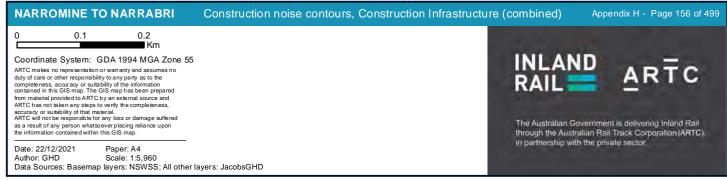


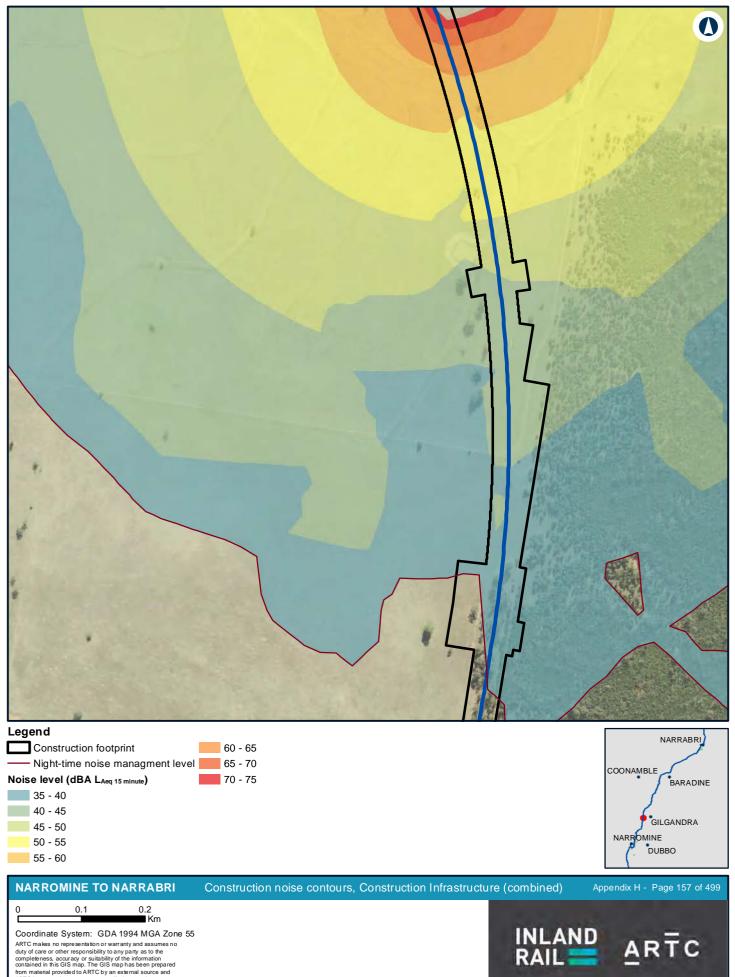
Construction footprint

Night-time noise managment level

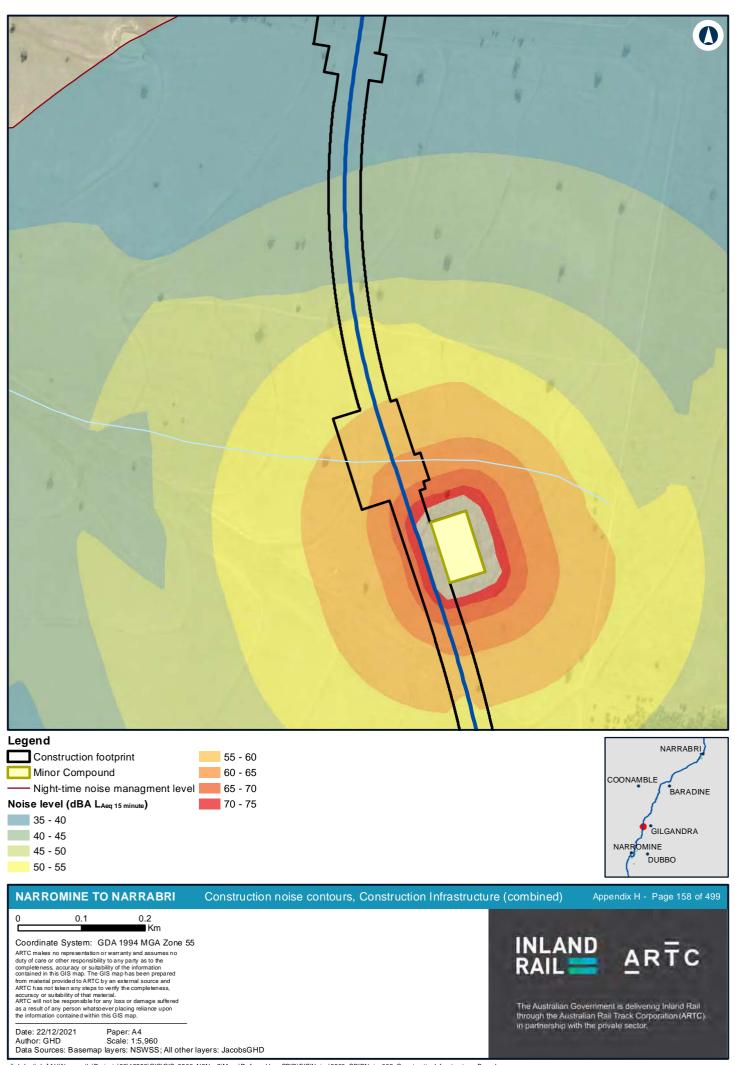
Noise level (dBA LAeq 15 minute)













Construction footprint

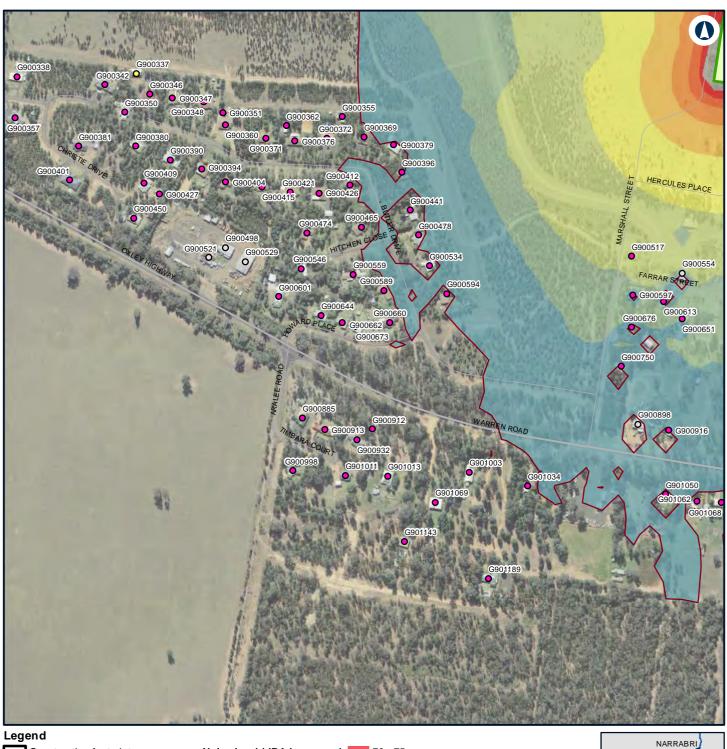
Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

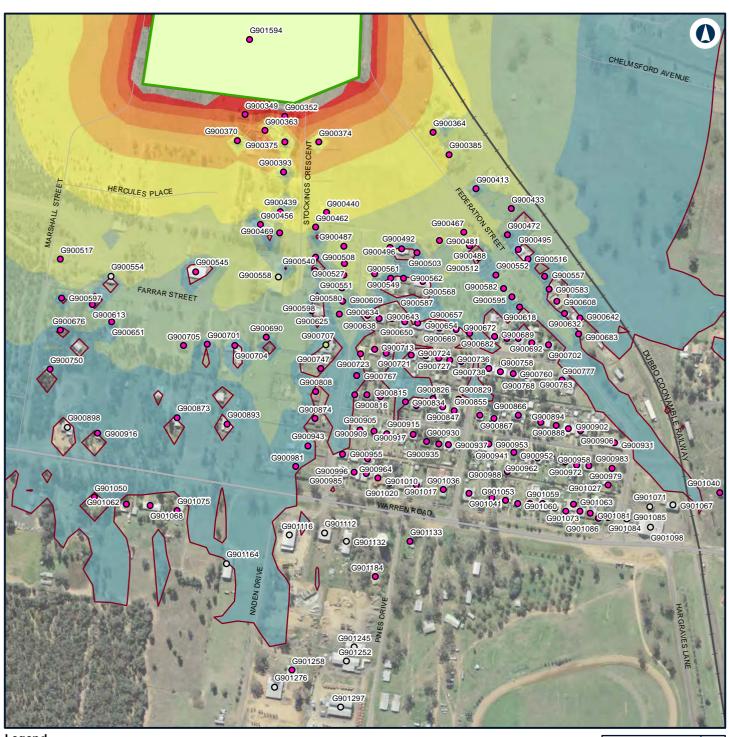




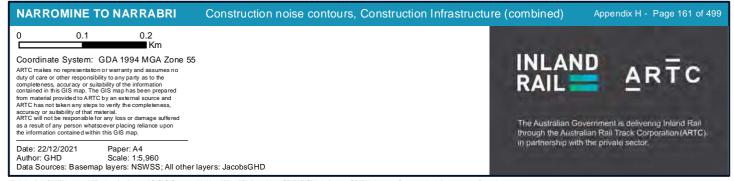


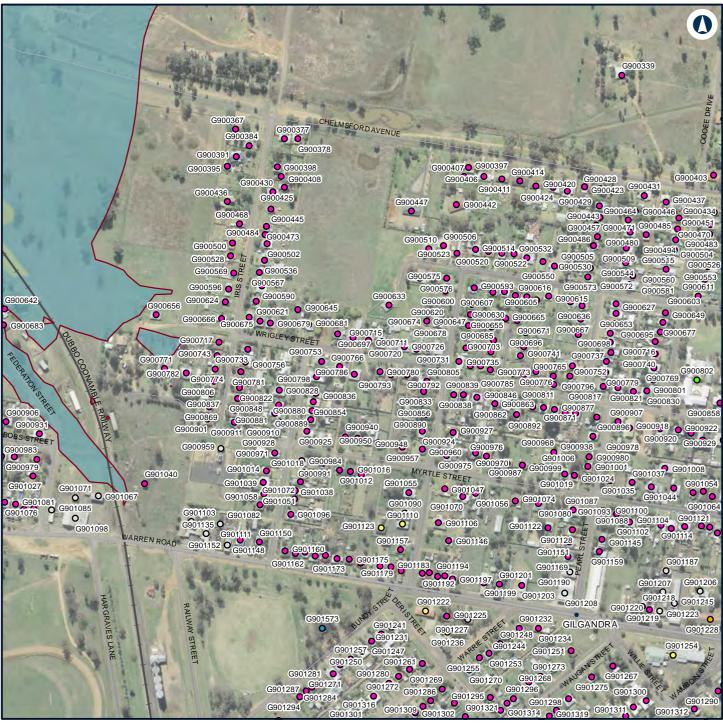












— Night-time noise managment level Noise level (dBA LAeq 15 minute)

35 - 40

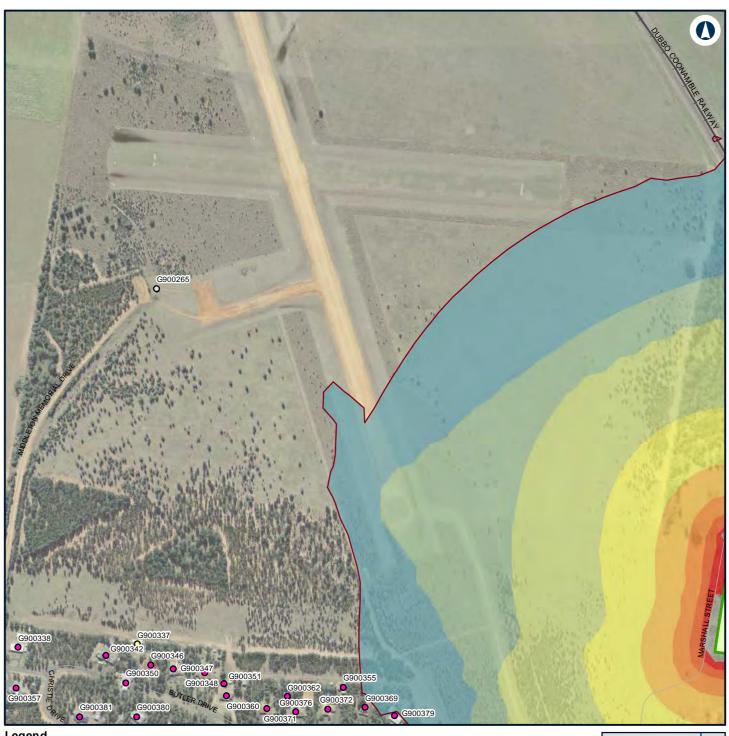
40 - 45

#### Structure type

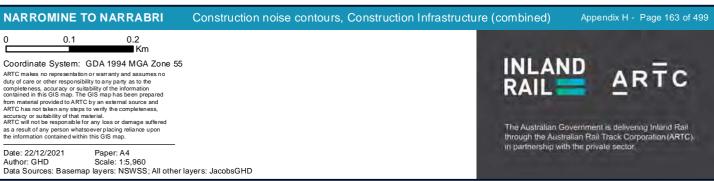
- Active recreation
- Commercial/Industrial
- Community
- Educational
- Residential
- Worship









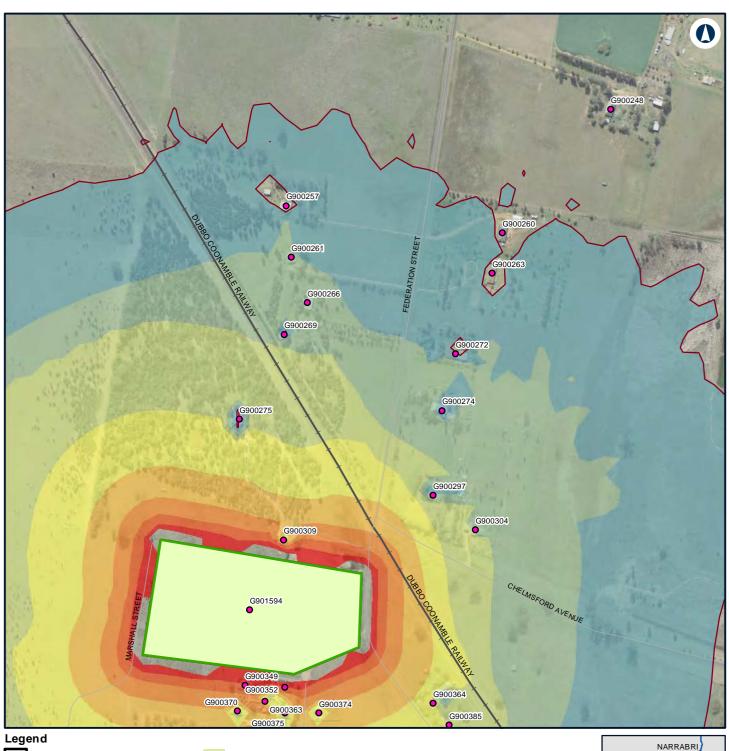


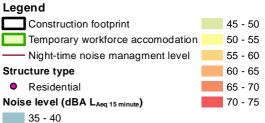
NARRABRI

BARADINE

GILGANDRA

DUBBO





COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

NARROMINE TO NARRABRI 0.1 0.2

40 - 45

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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Paper: A4 Scale: 1:5,960 Date: 22/12/2021

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





---- Night-time noise managment level

### Structure type

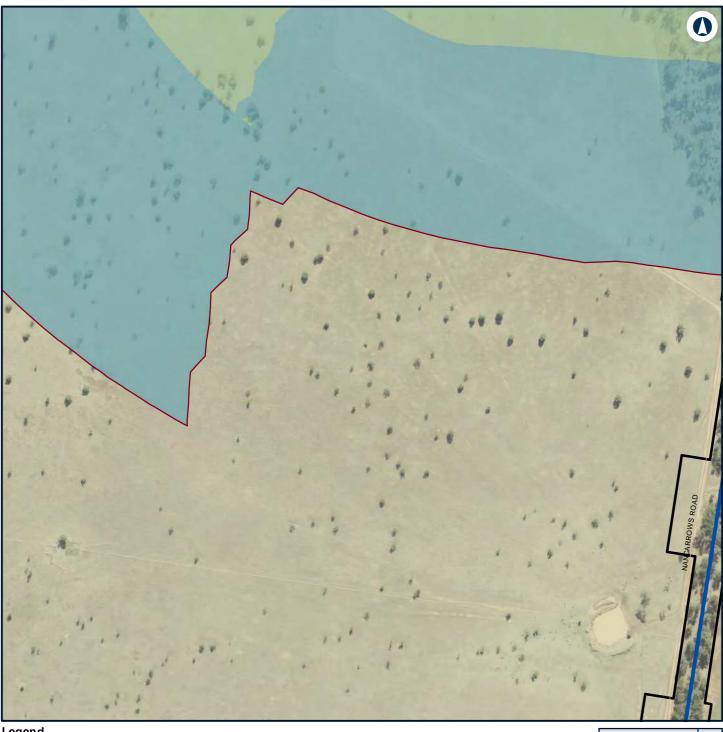
- Commercial/Industrial
- Residential

### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







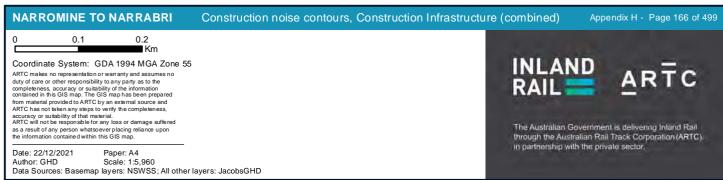
Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







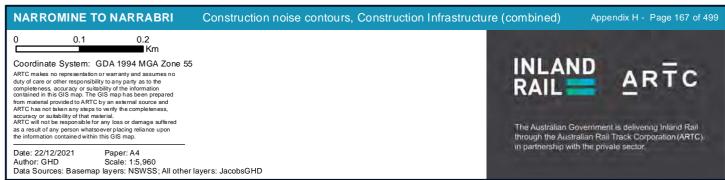
Construction footprint

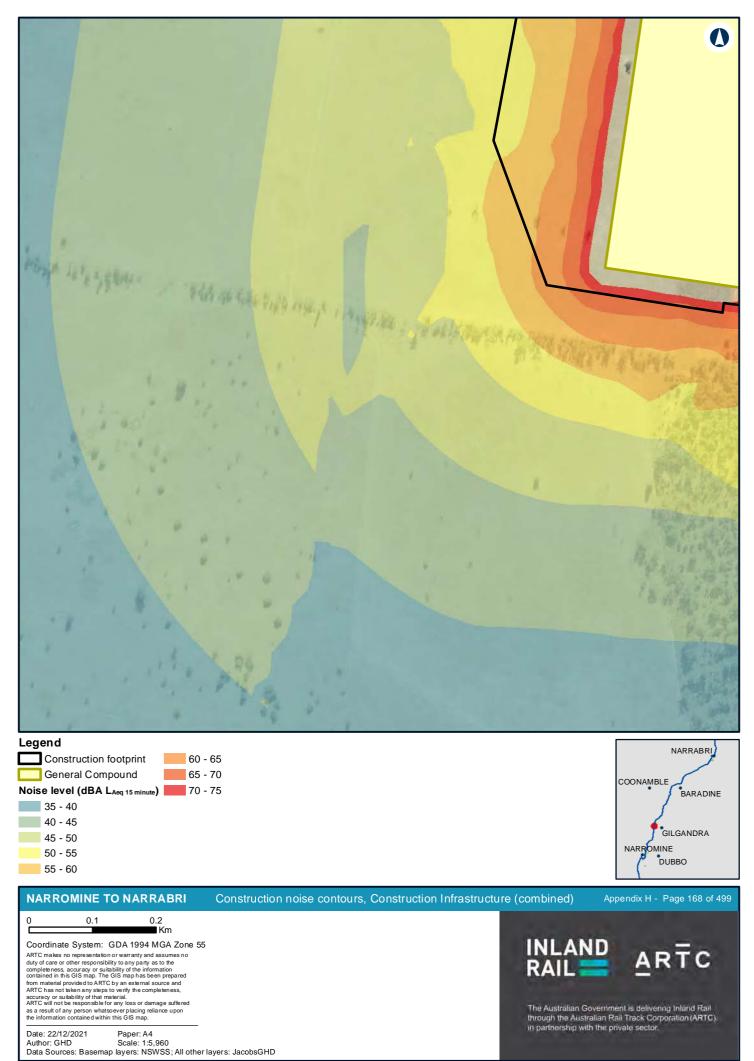
Night-time noise managment level

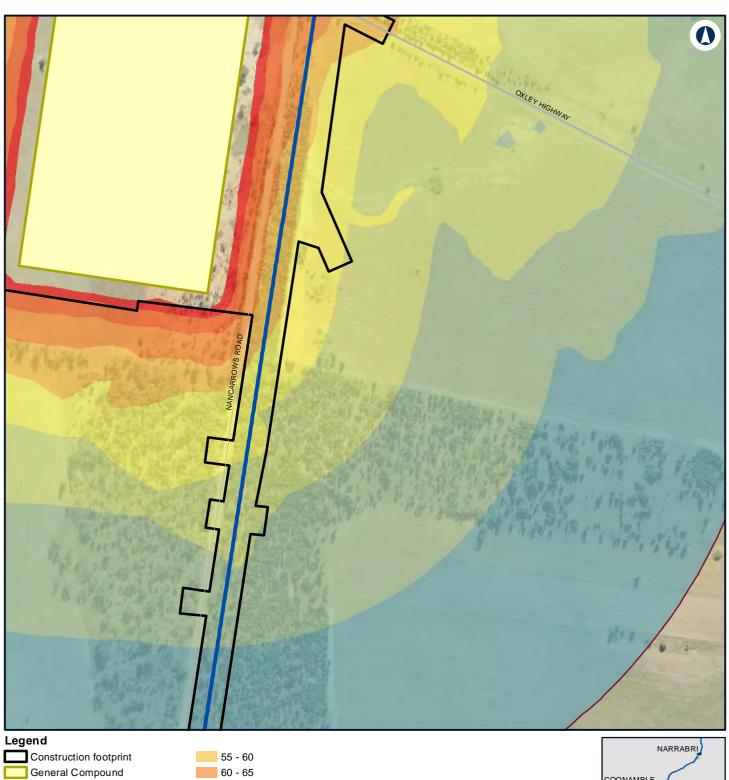
Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40



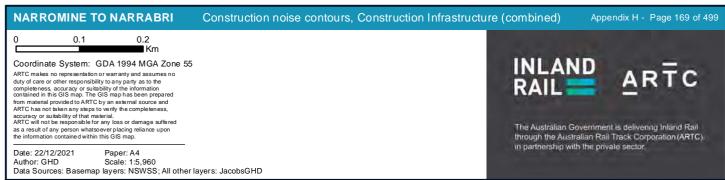


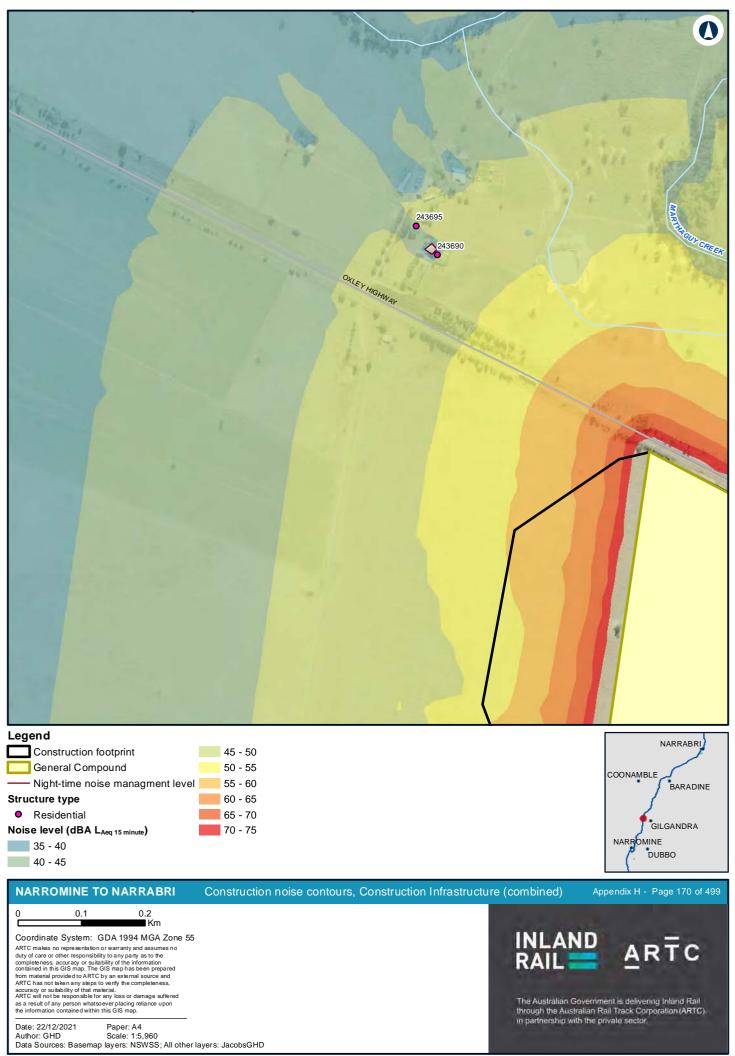


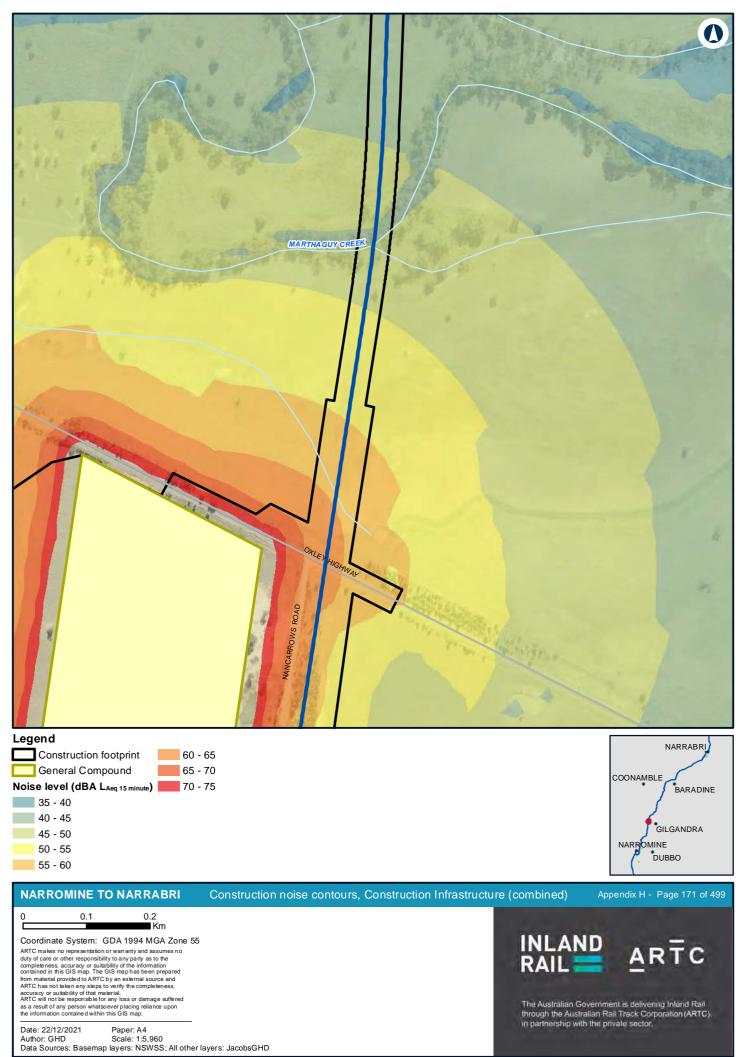


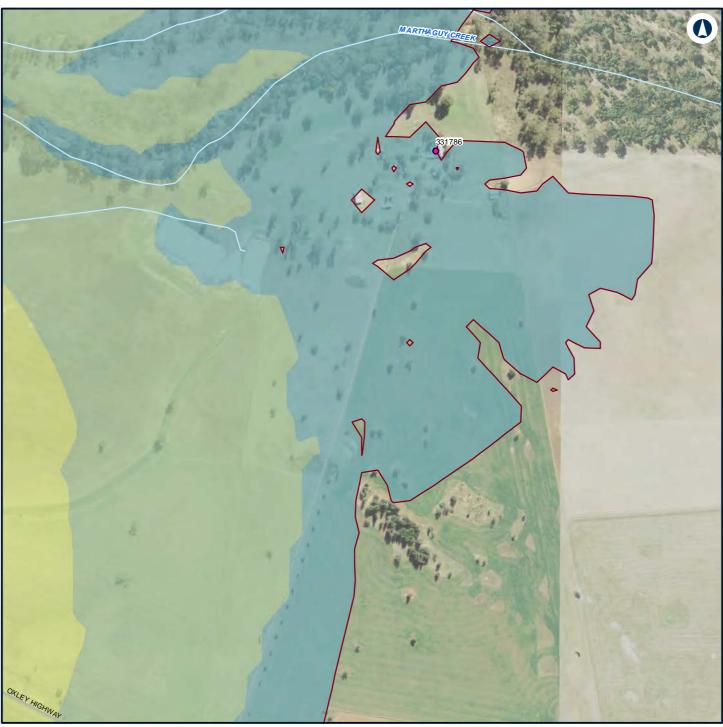












Night-time noise managment level

### Structure type

Residential

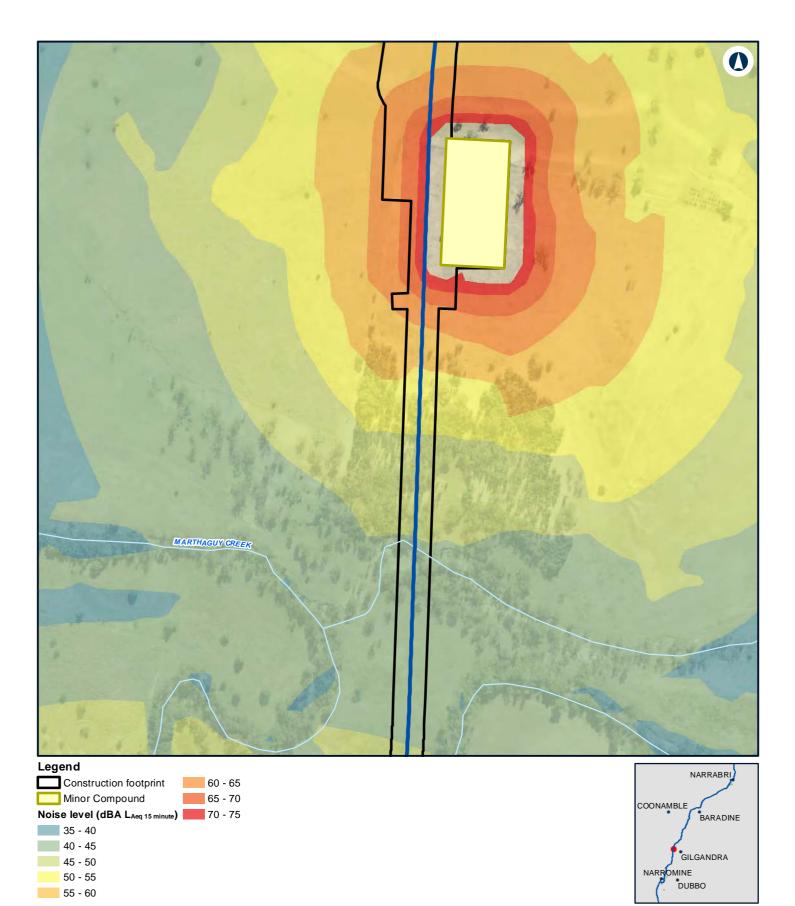
#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45 45 - 50











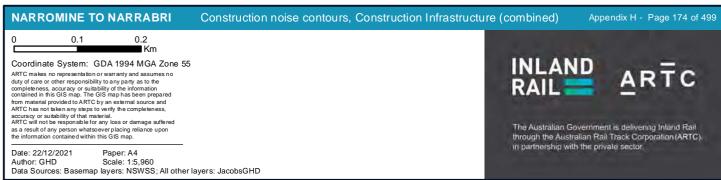
---- Night-time noise managment level

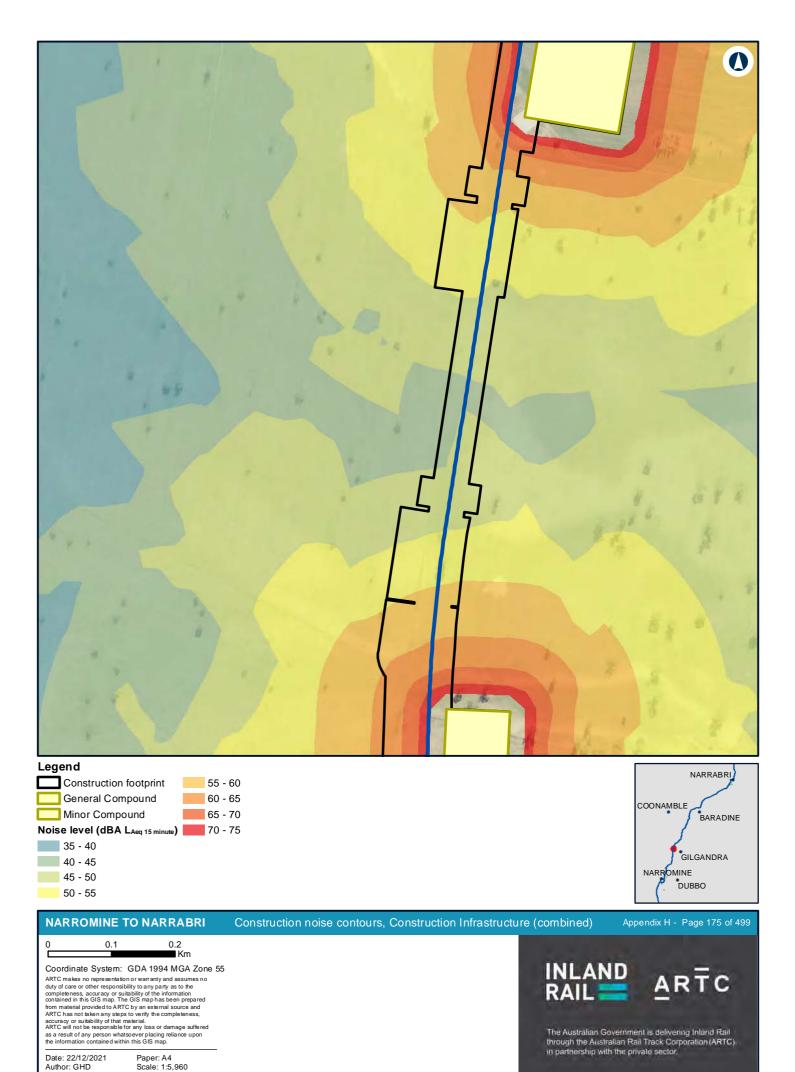
### Structure type

Residential

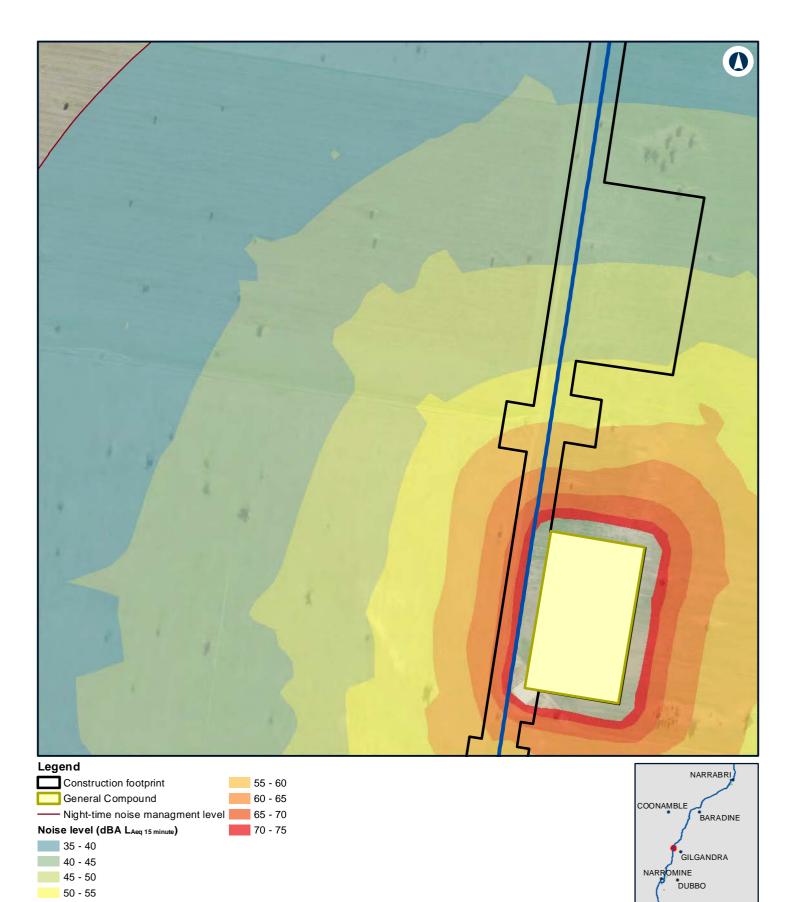
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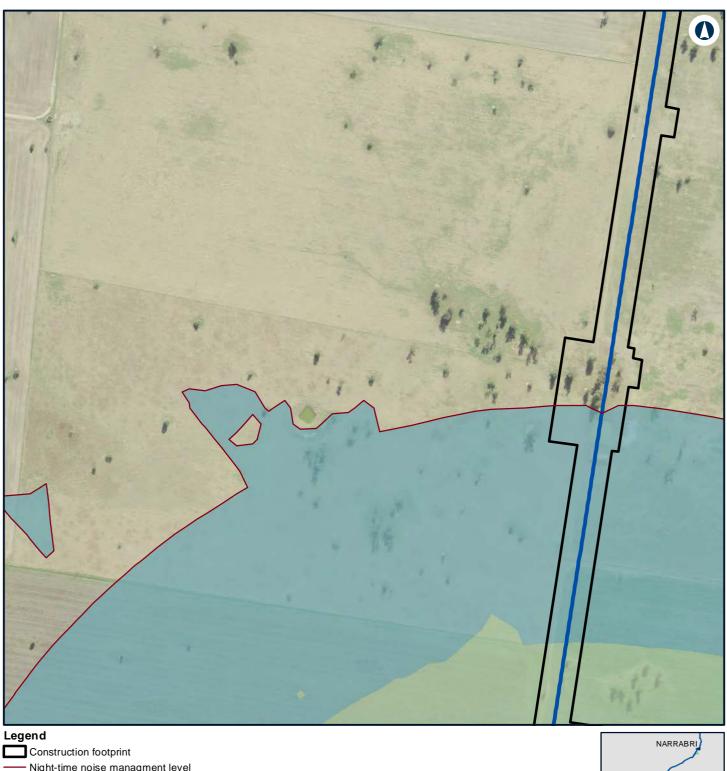




Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





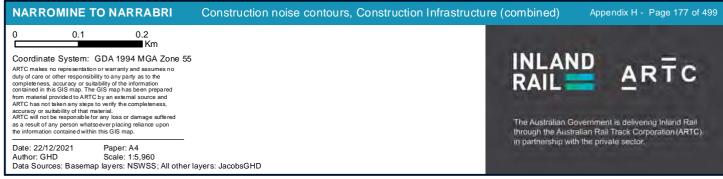


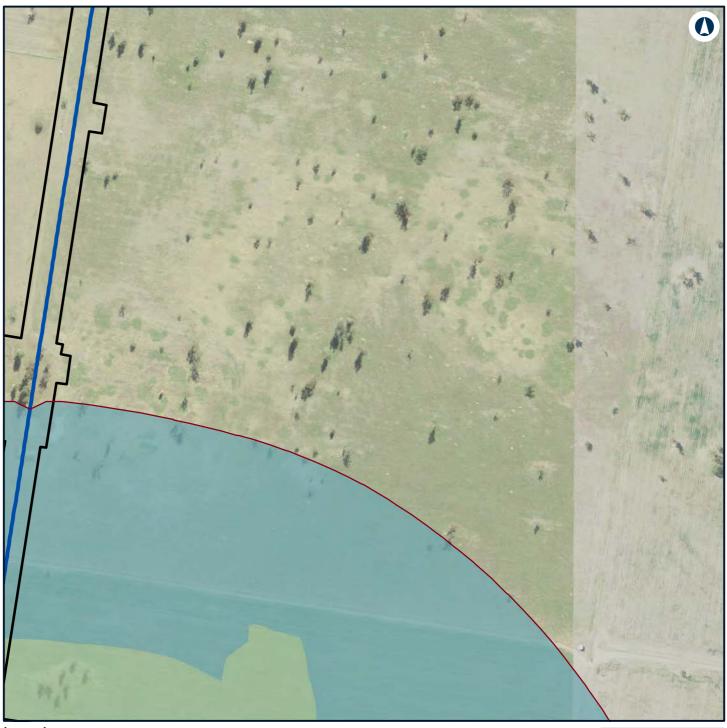
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40









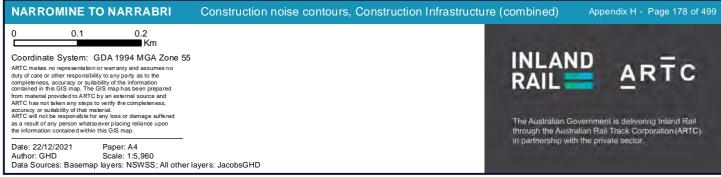
Construction footprint

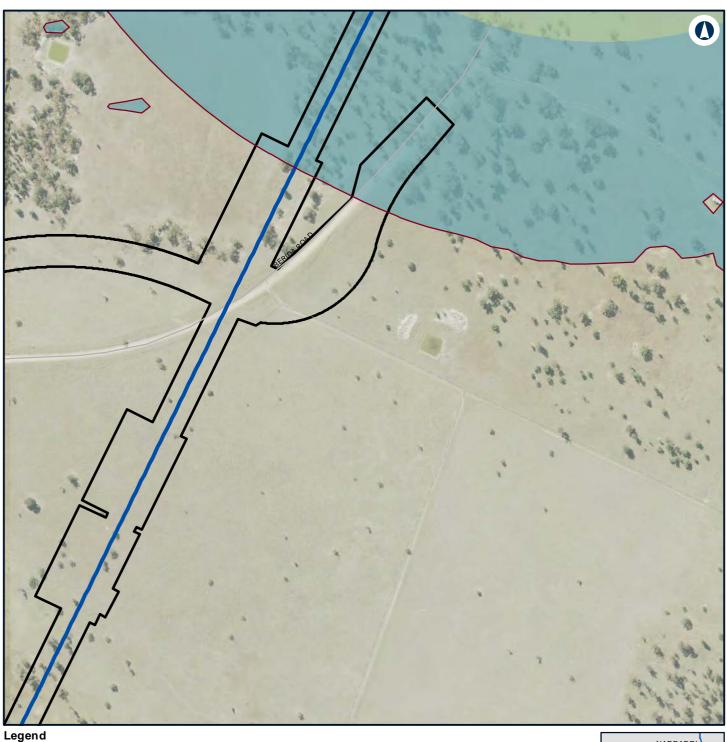
— Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40





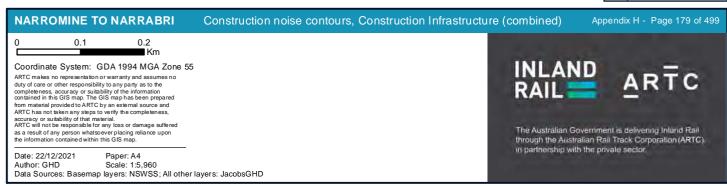


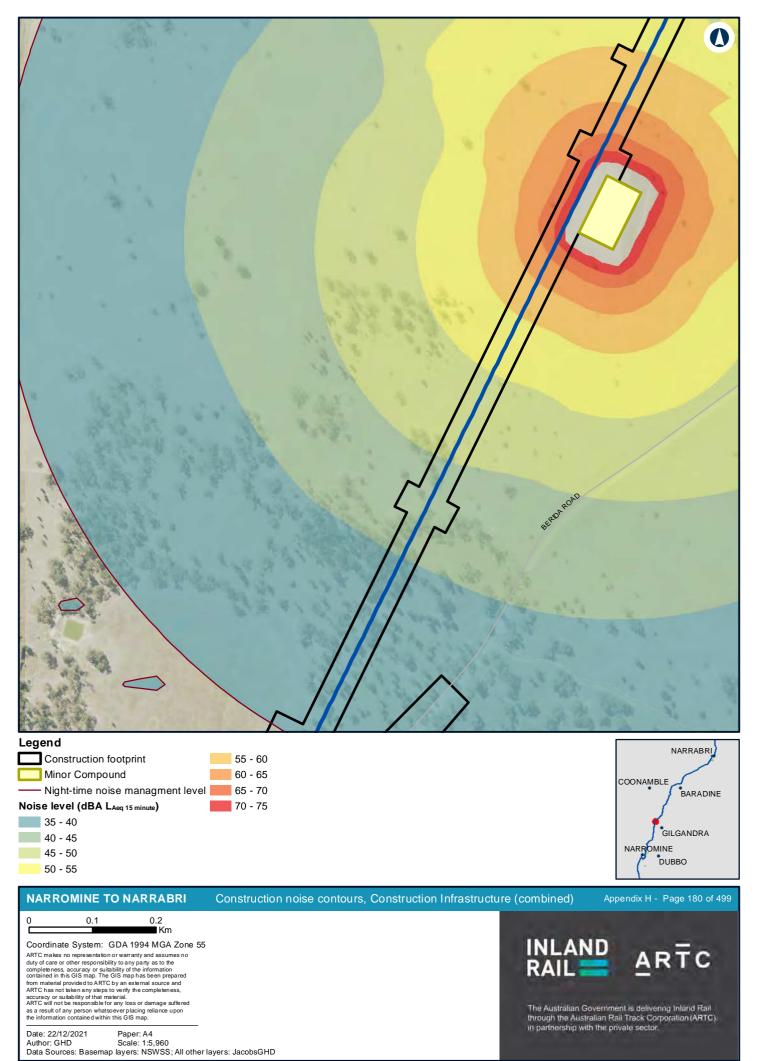
Night-time noise managment level

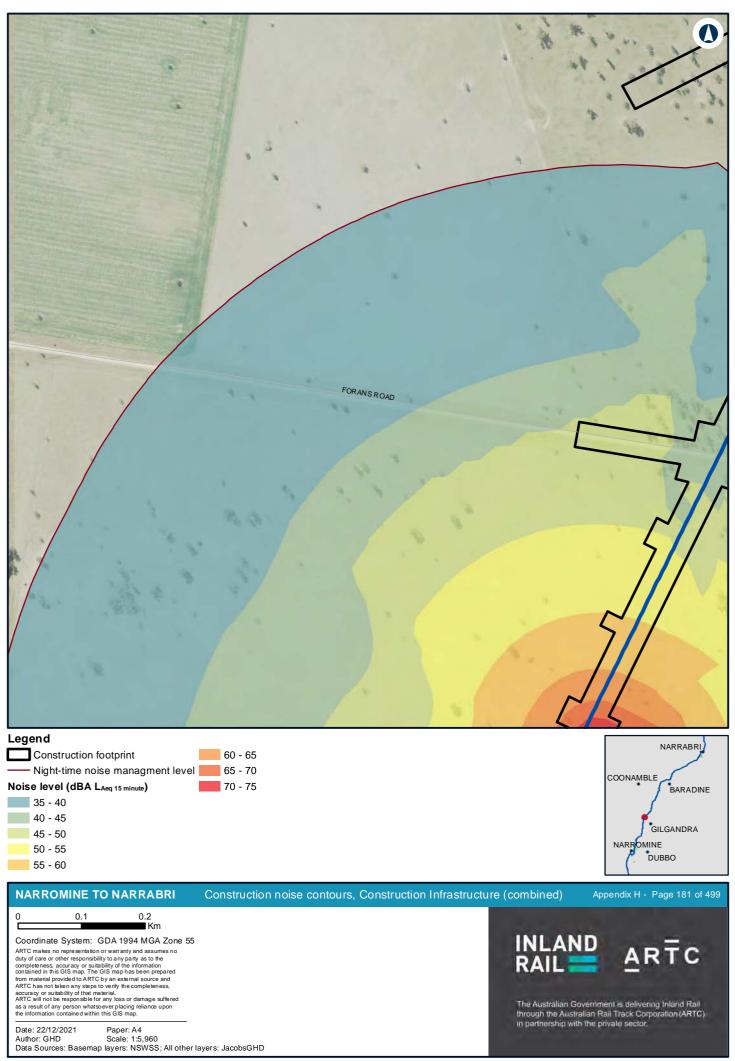
Noise level (dBA LAeq 15 minute)

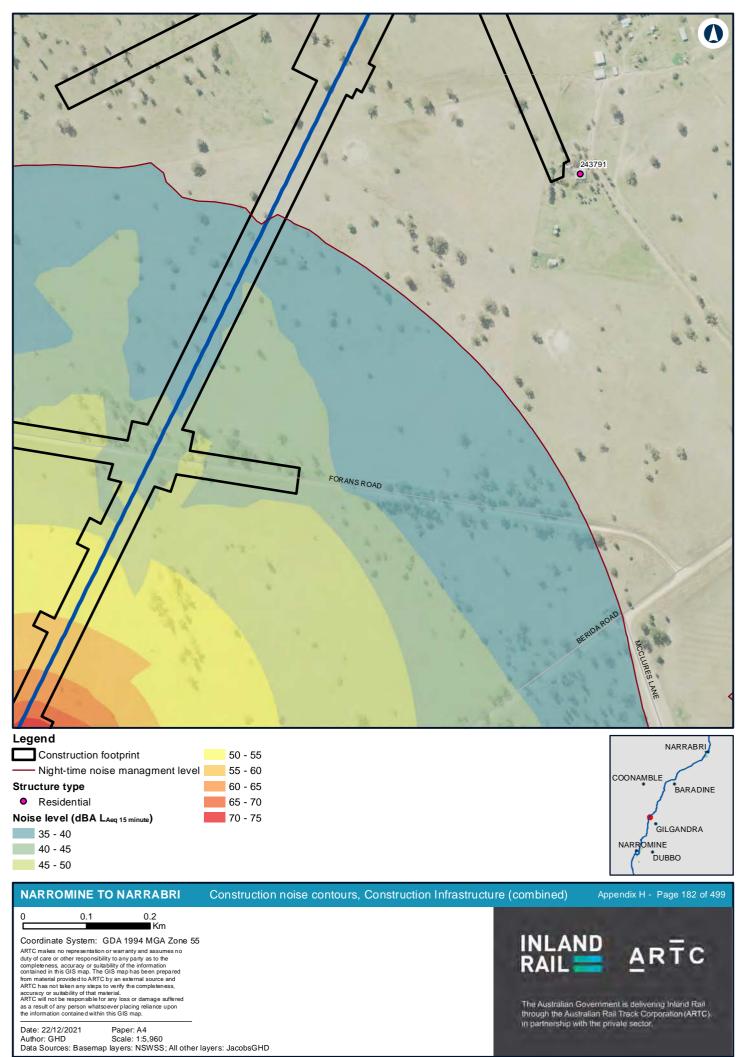
35 - 40

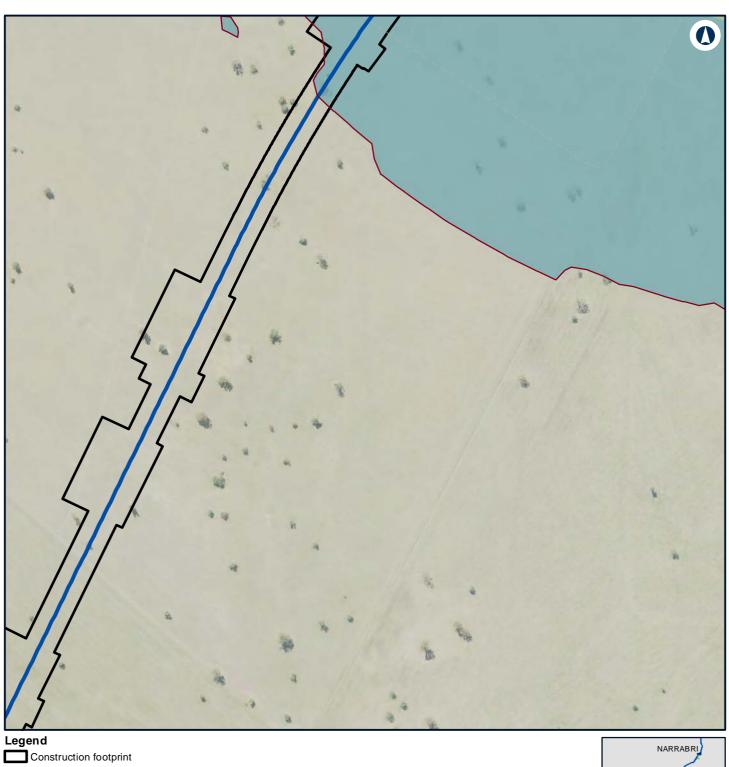


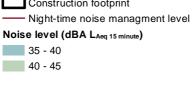




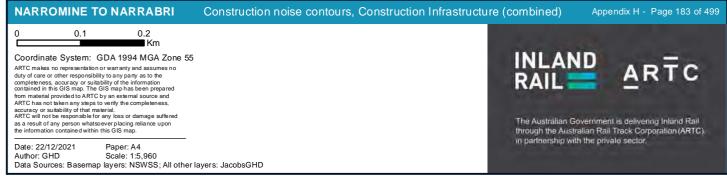


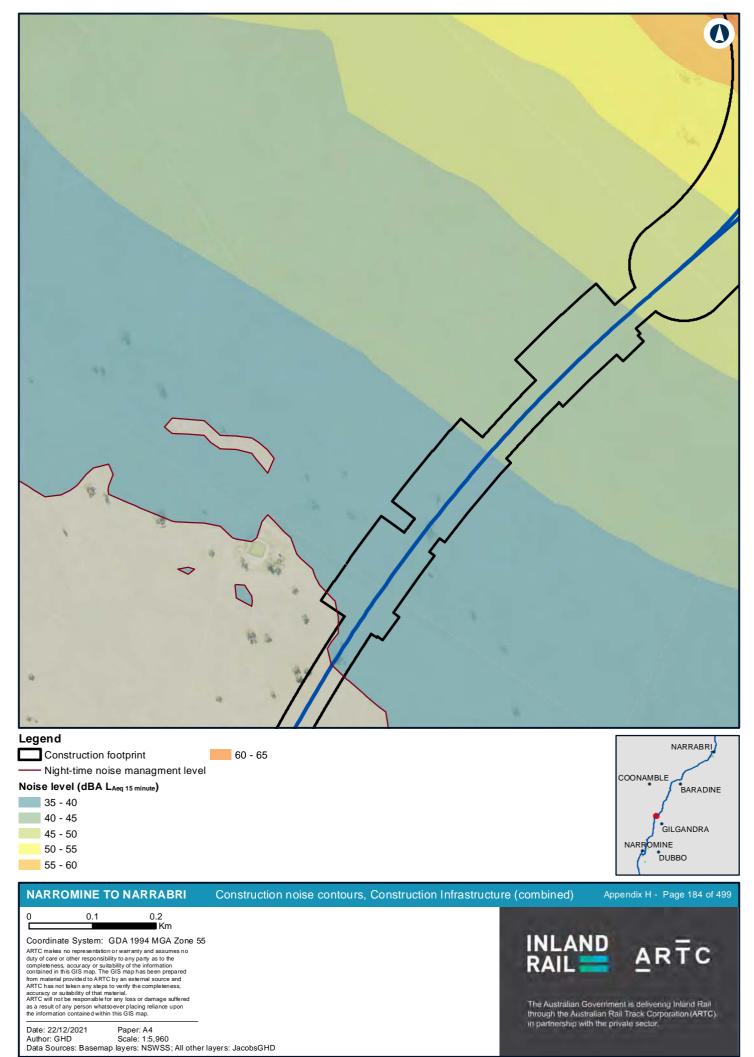


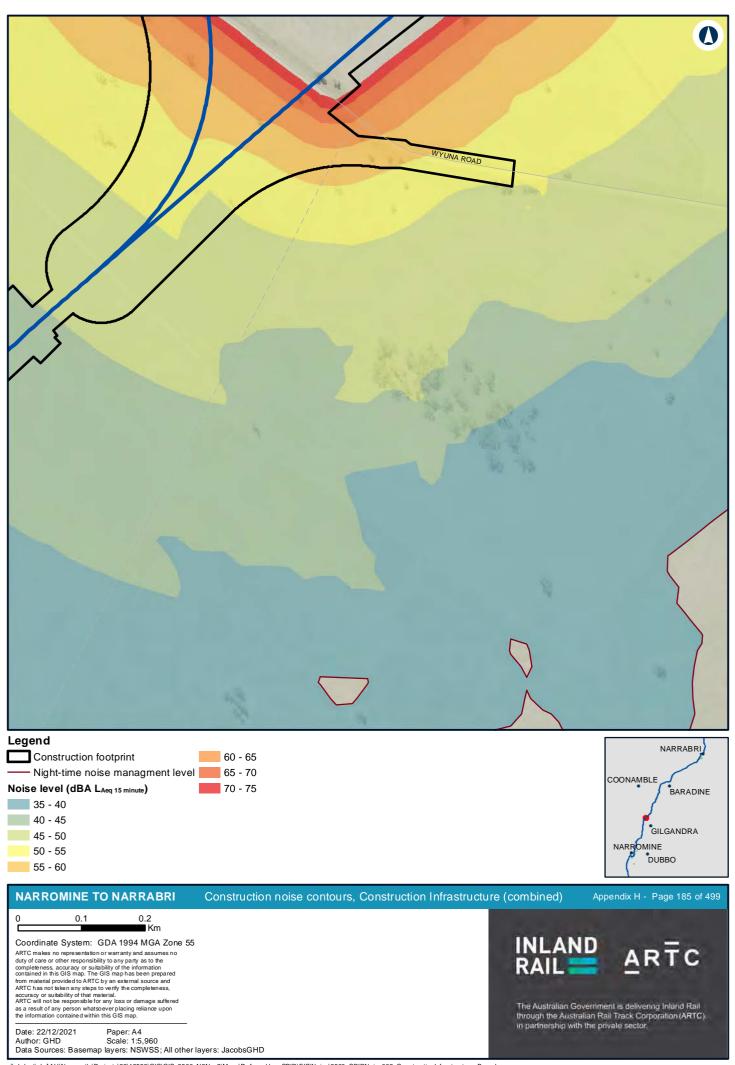


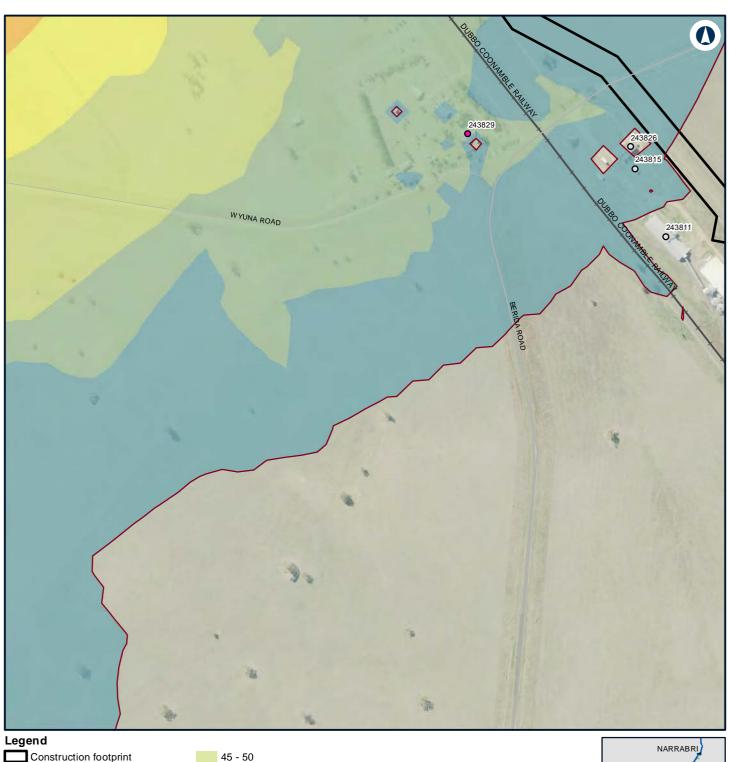












Night-time noise managment level 50 - 55

Structure type

O Commercial/Industrial

Residential

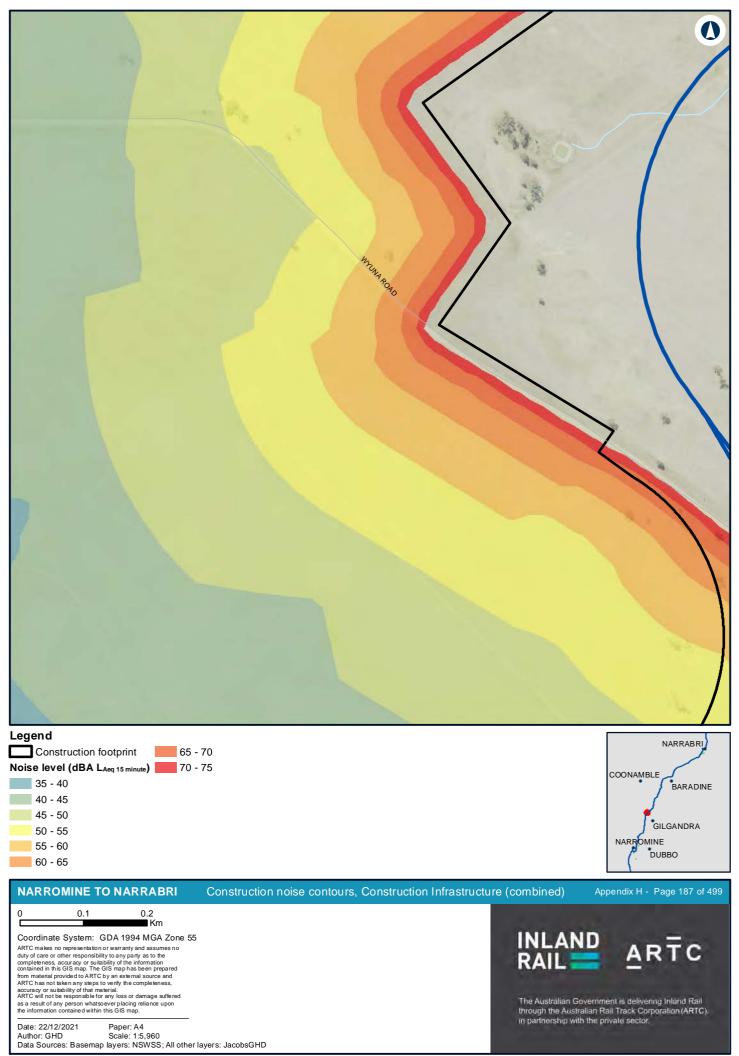
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

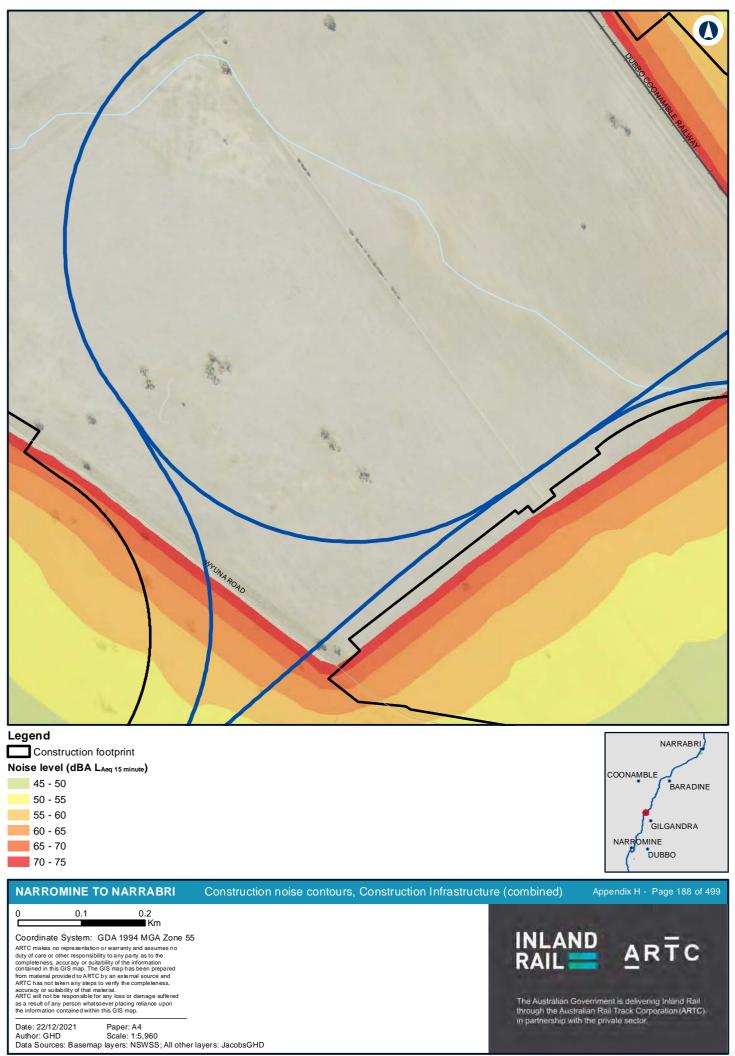
35 - 40

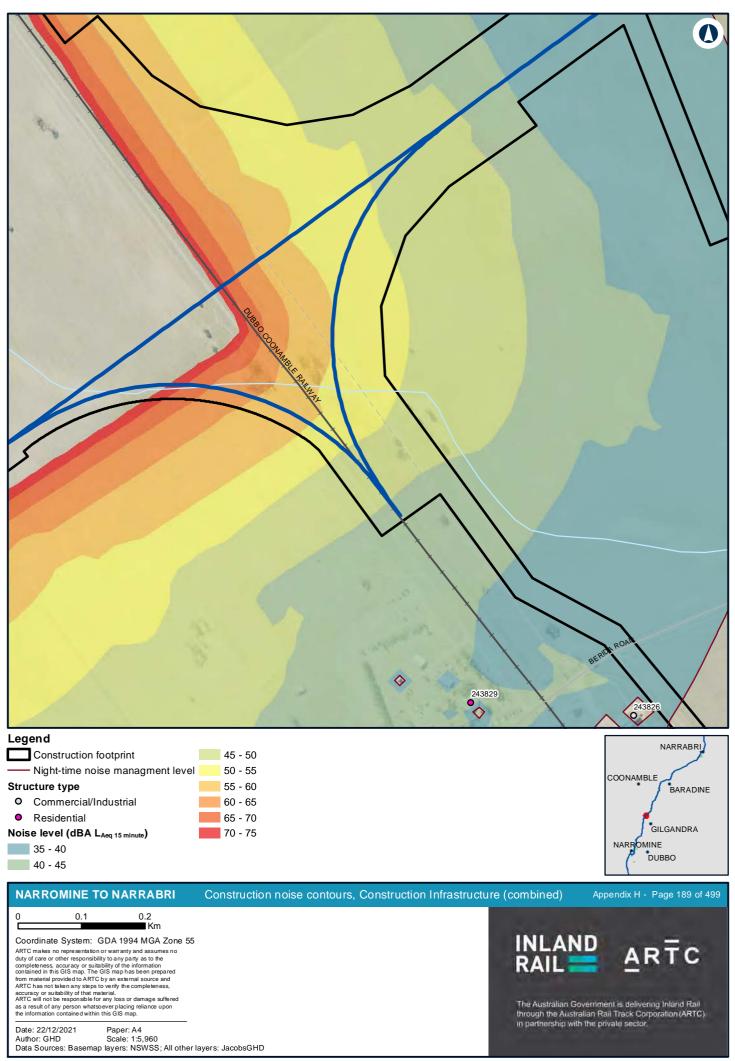
40 - 45

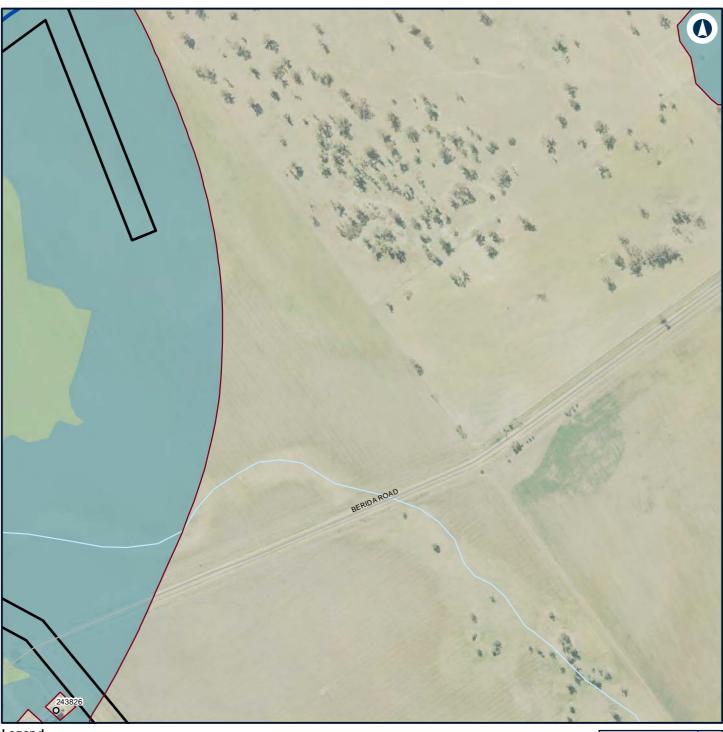


## NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2 INLAND ARTC Coordinate System: GDA 1994 MGA Zone 55 COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector. Paper: A4 Scale: 1:5,960 Date: 22/12/2021 Author: GHD Scale: 1:5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD









Construction footprint

— Night-time noise managment level

## Structure type

O Commercial/Industrial

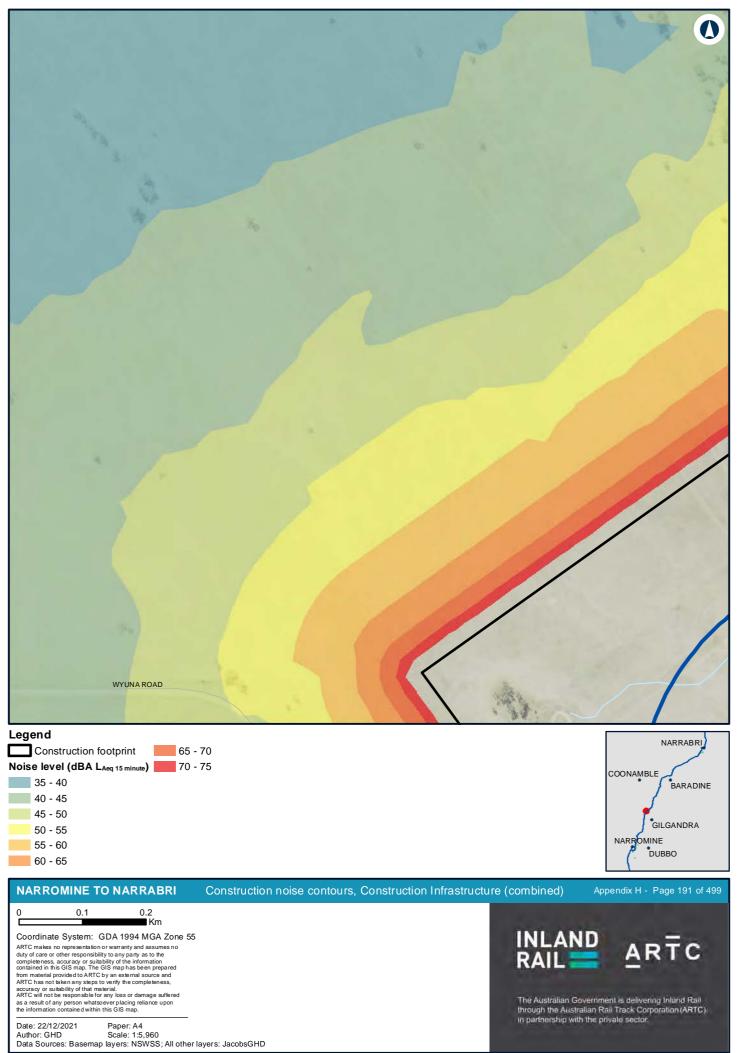
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

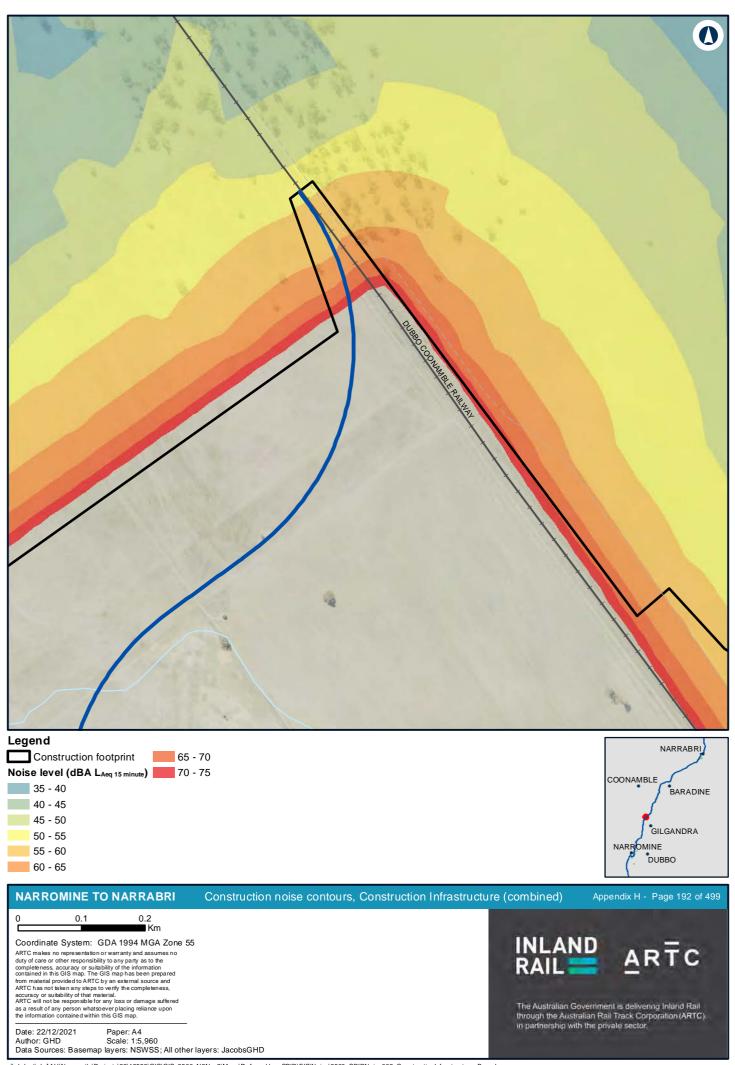
35 - 40

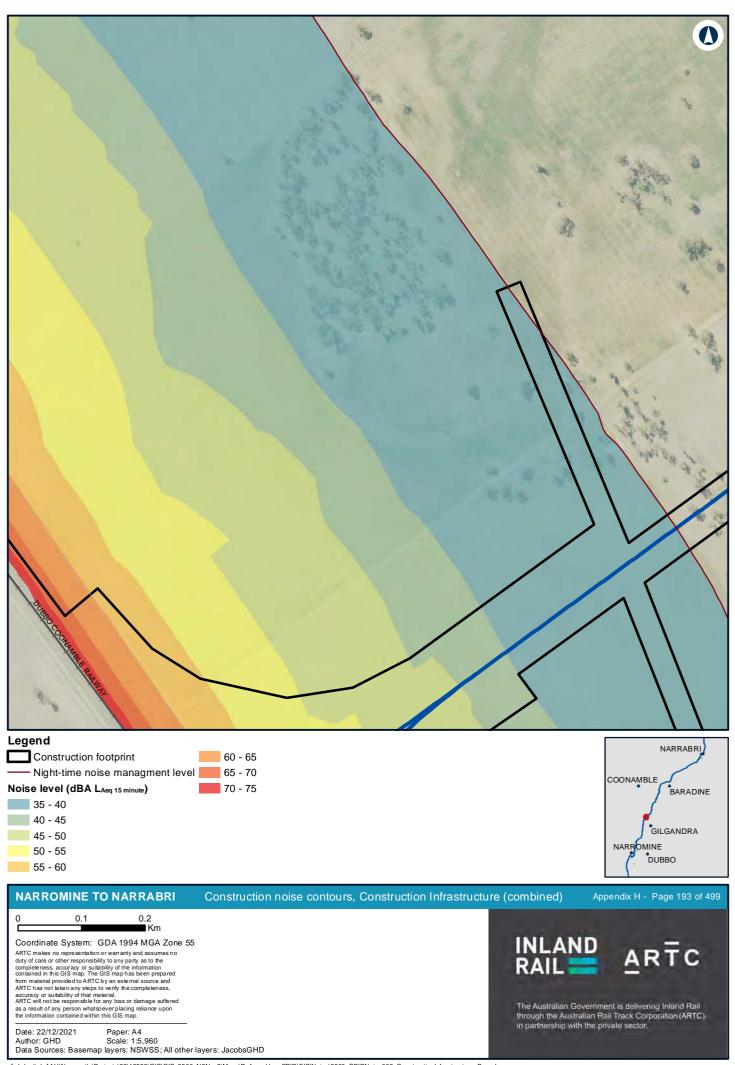
40 - 45

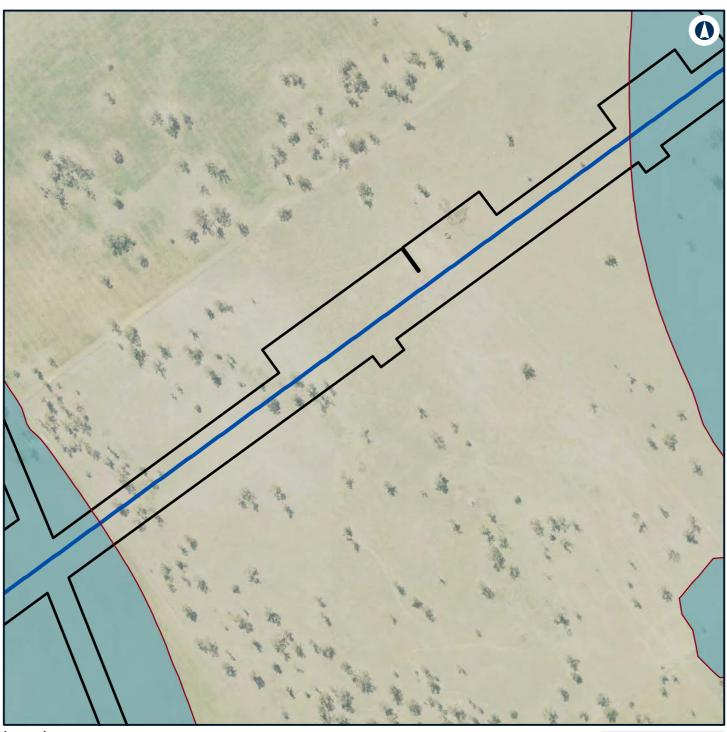


# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) Appendix H - Page 190 of 499 0 0.1 0.2 Km Coordinate System: GDA 1994 WIGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The colls map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. Date: 22/12/2021 Paper: A4 Author: GHD Scale: 1.5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD







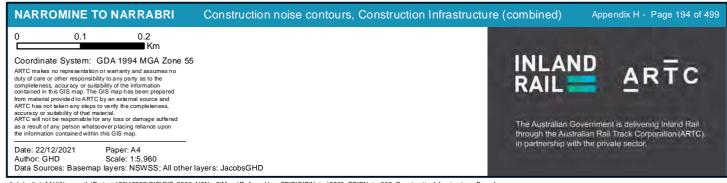


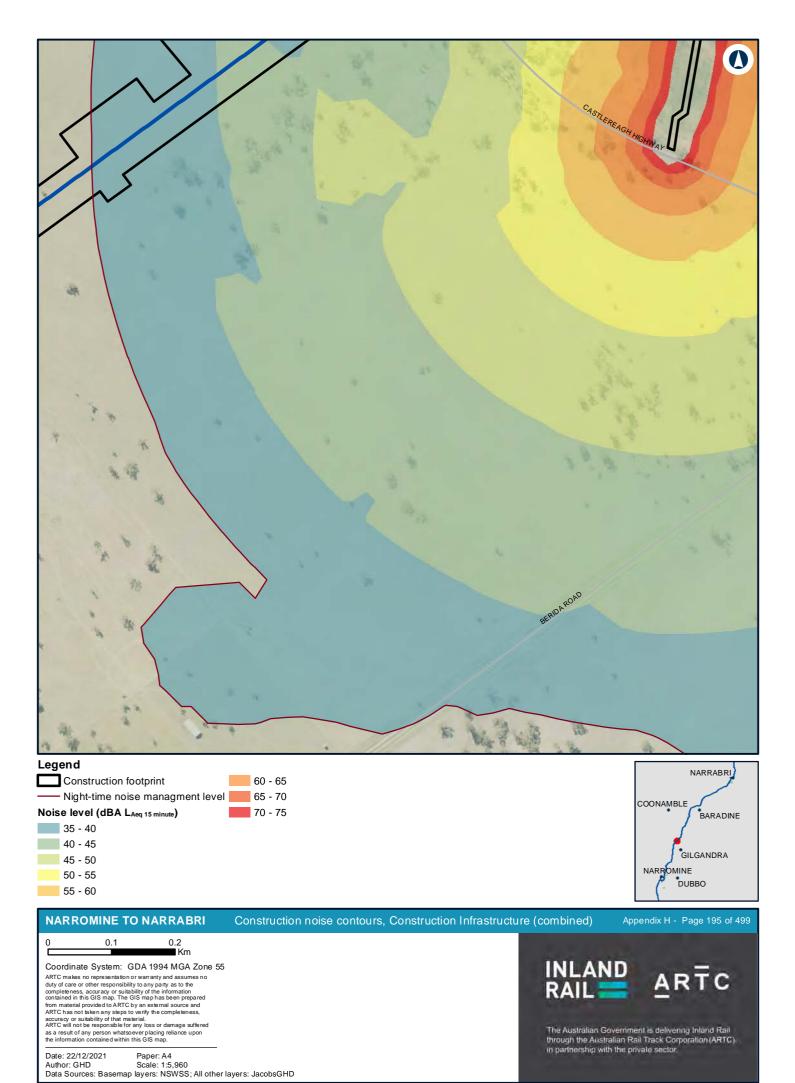
Construction footprint

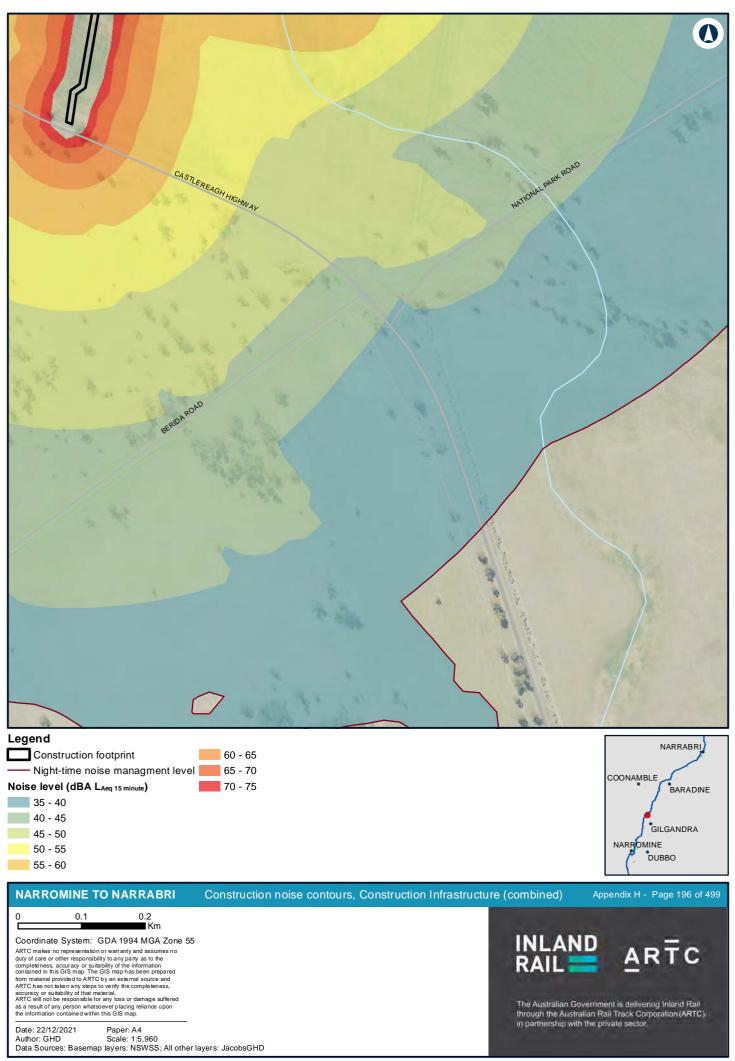
---- Night-time noise managment level

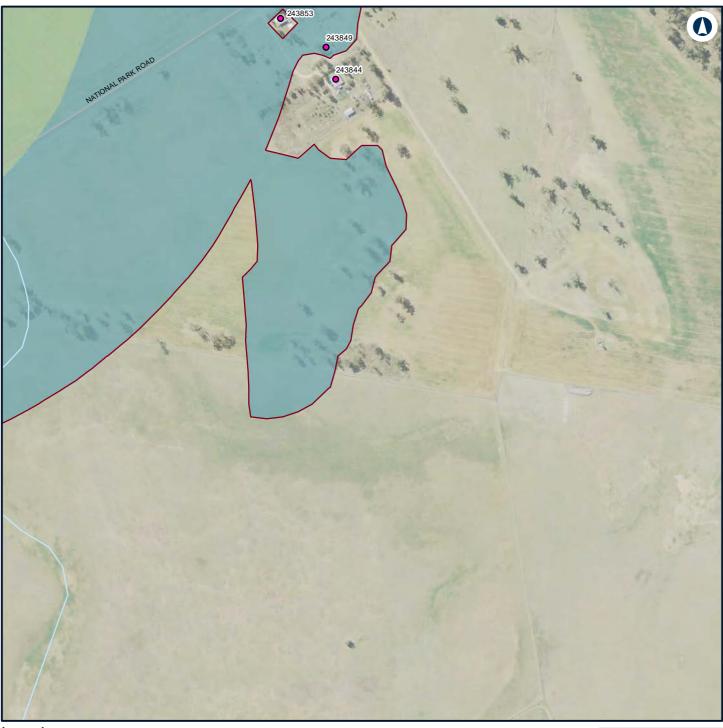
Noise level (dBA L<sub>Aeq 15 minute</sub>)











---- Night-time noise managment level

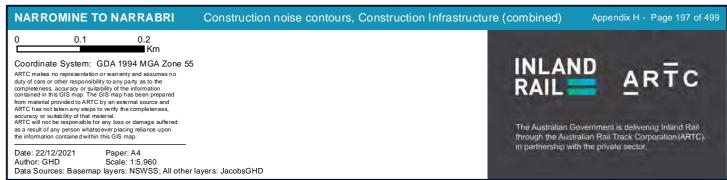
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)

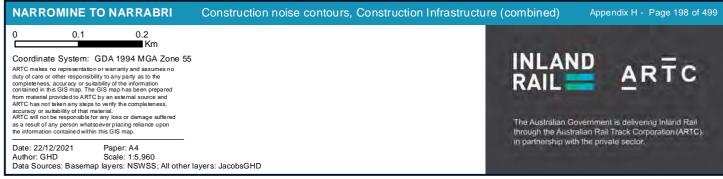
35 - 40

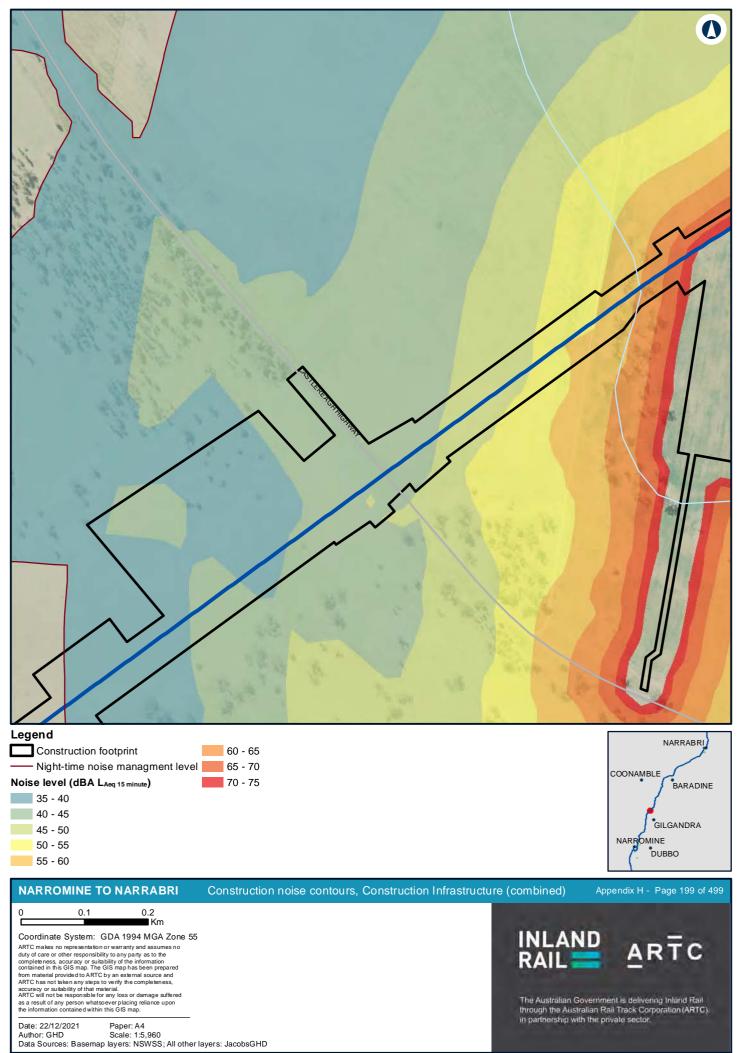
40 - 45

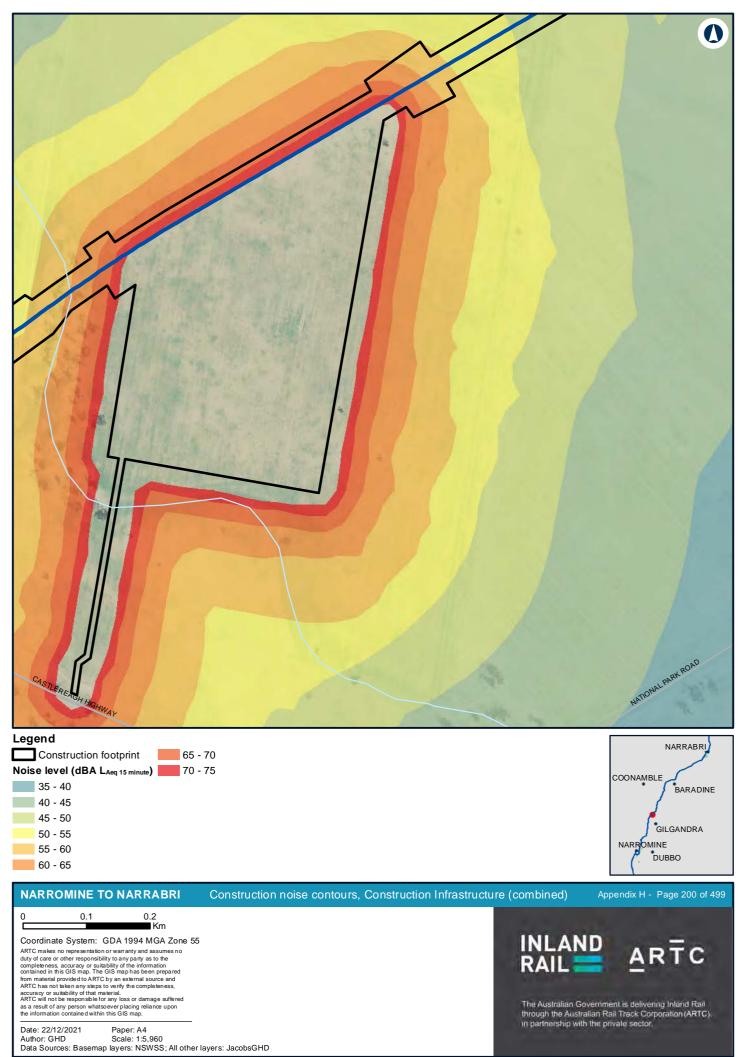
BARADINE GILGANDRA NARROMINE DUBBO

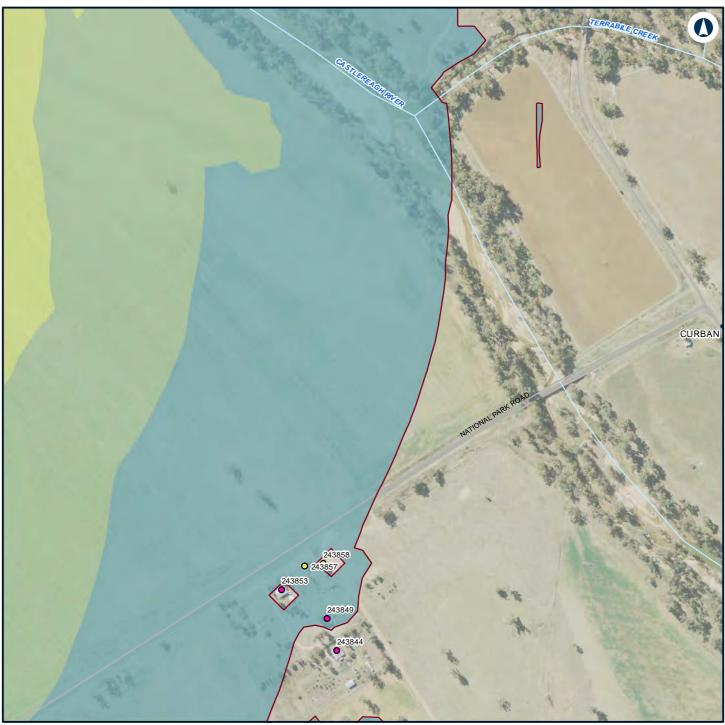
COONAMBLE

NARRABRI









---- Night-time noise managment level

#### Structure type

- Community
- Residential

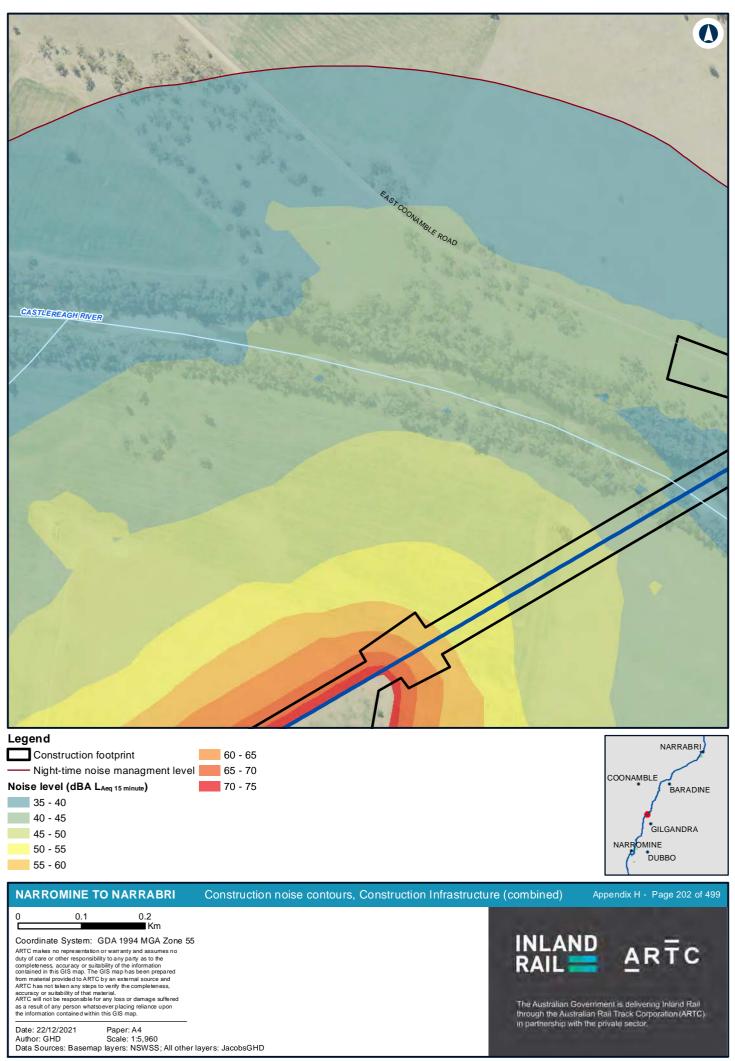
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

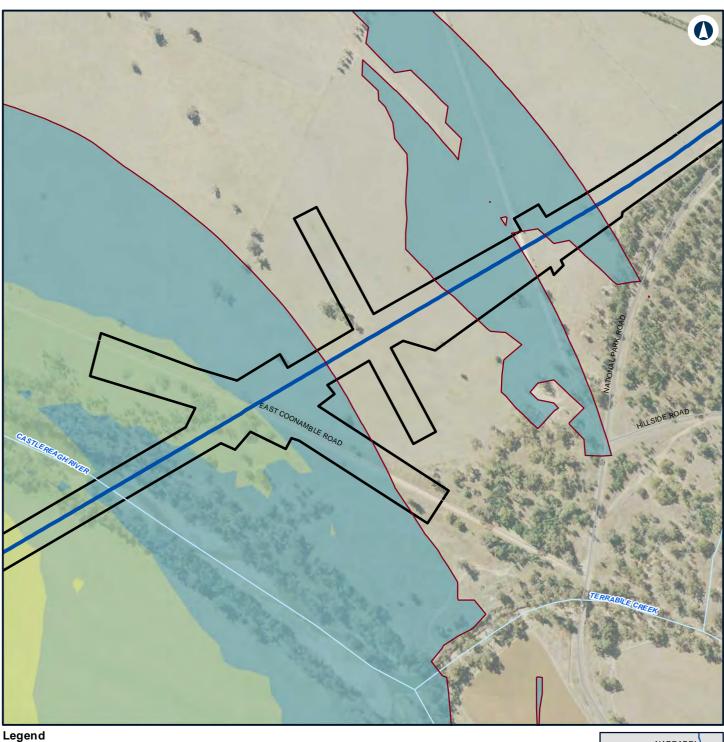
35 - 40

40 - 45









---- Night-time noise managment level

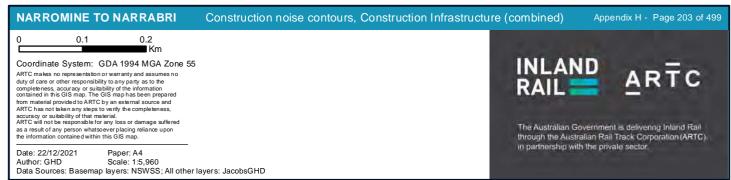
#### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50

NARRABRI
COONAMBLE
BARADINE
GILGANDRA
NARROMINE
DUBBO





Construction footprint

— Night-time noise managment level

#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







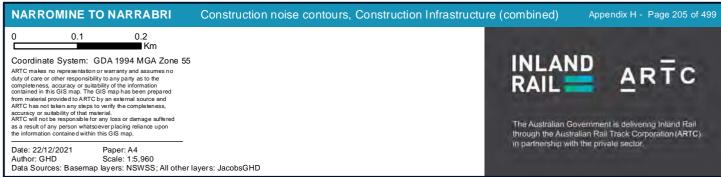
Construction footprint

---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint

Night-time noise managment level

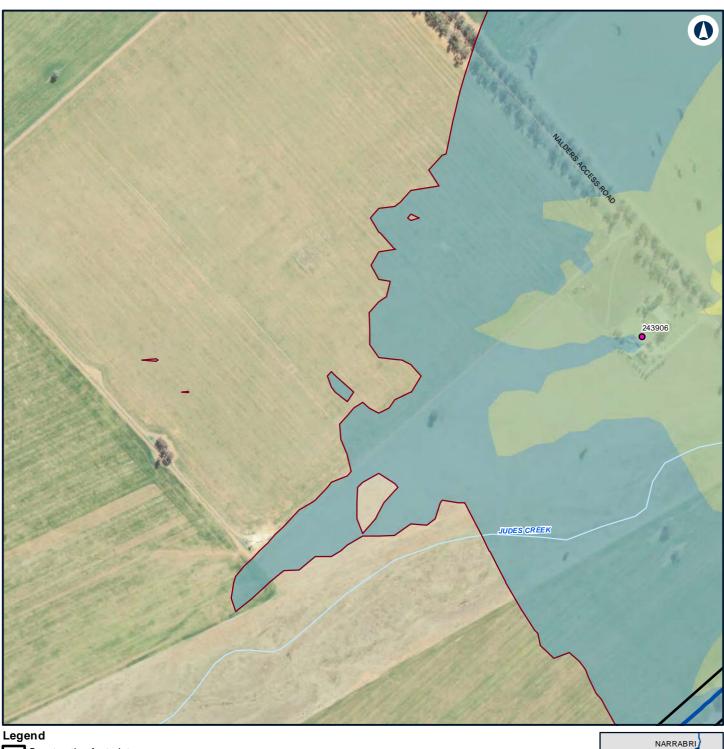
### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







- Night-time noise managment level

## Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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Date: 22/12/2021

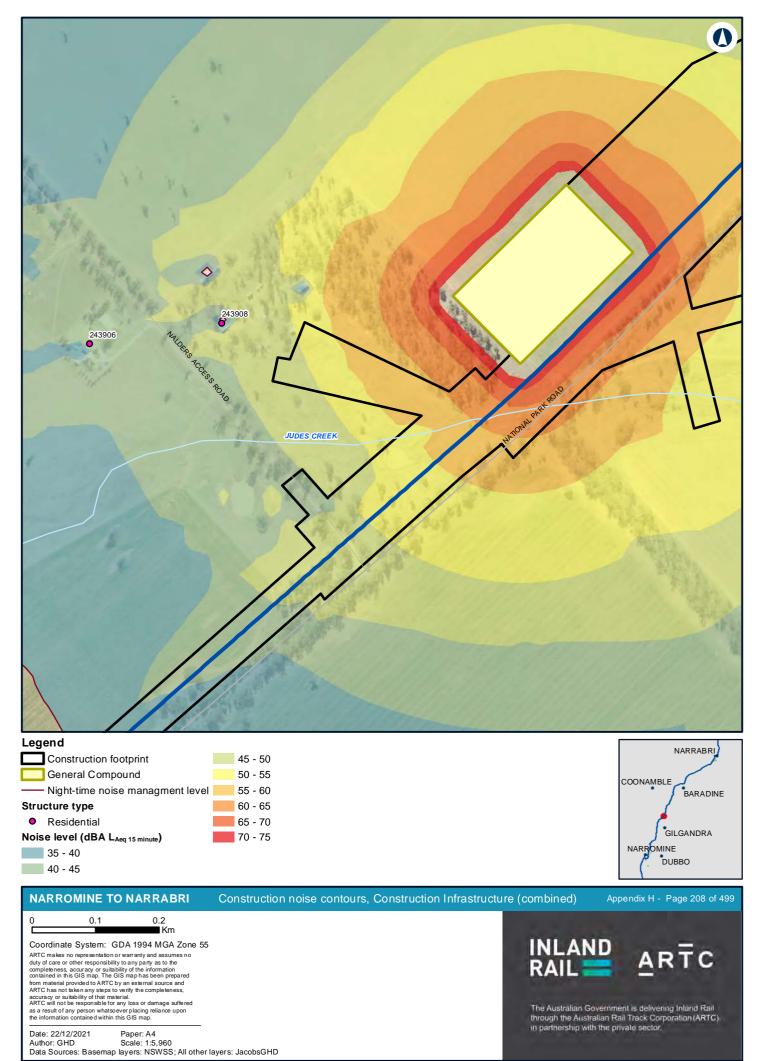
Paper: A4 Scale: 1:5,960

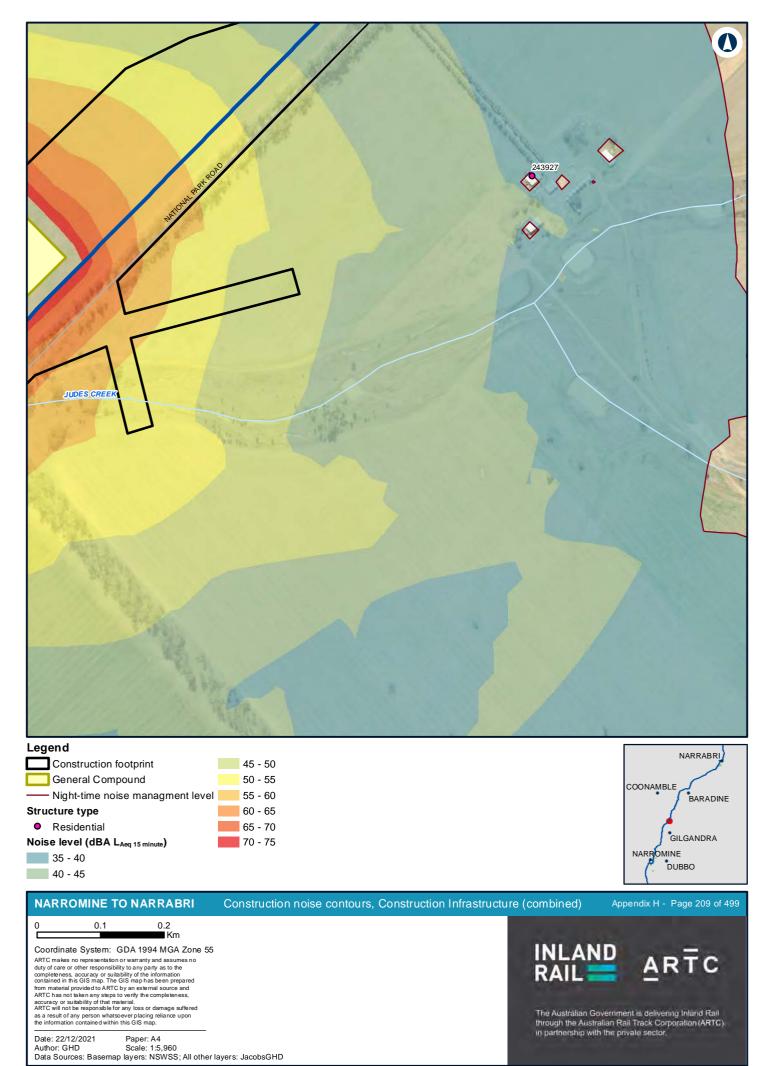
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

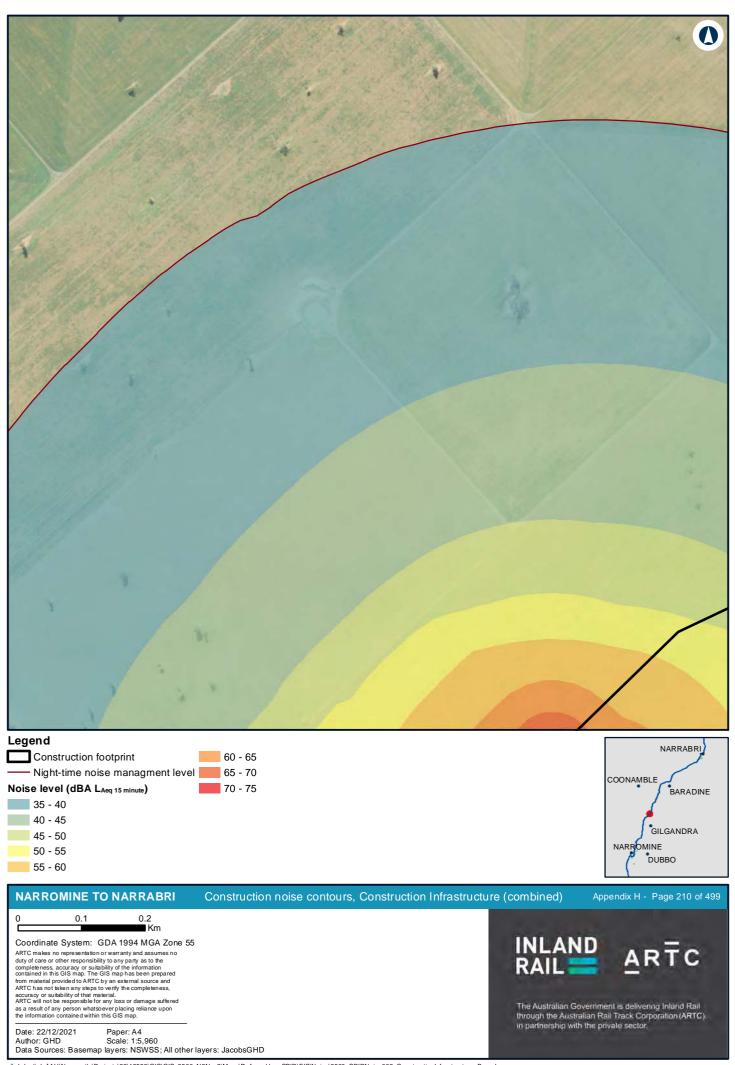


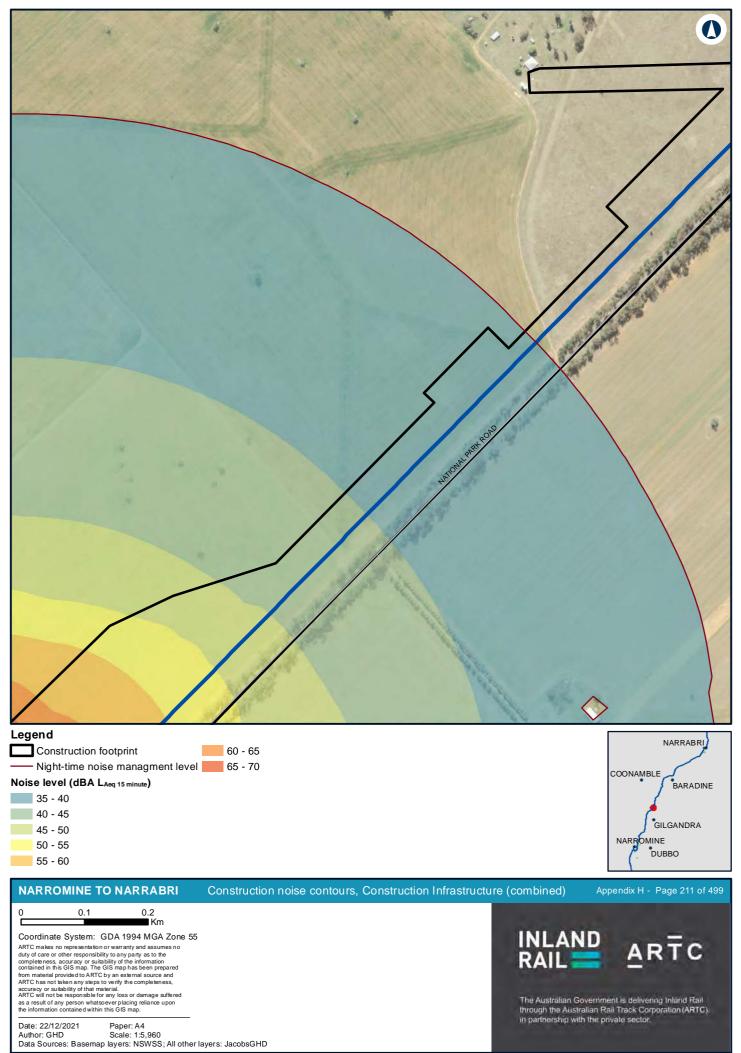


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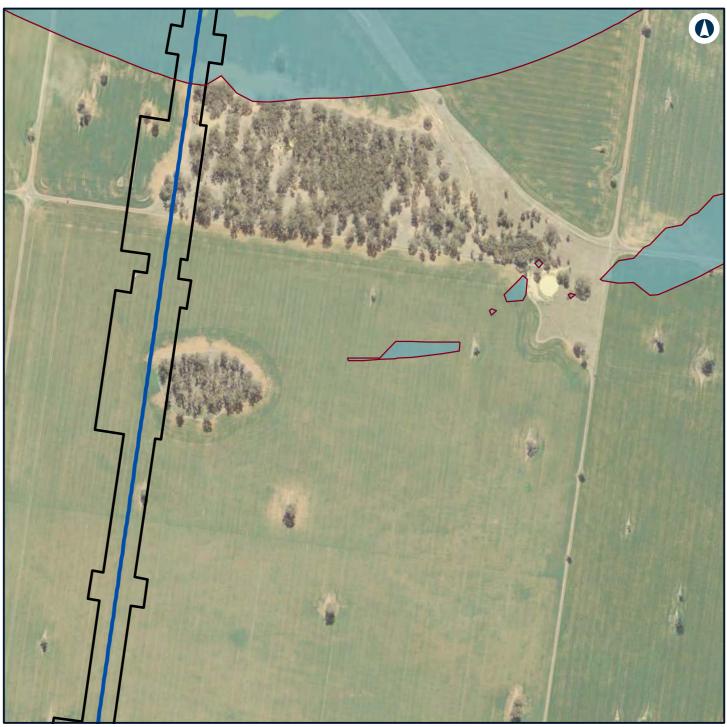
Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)







Construction footprint

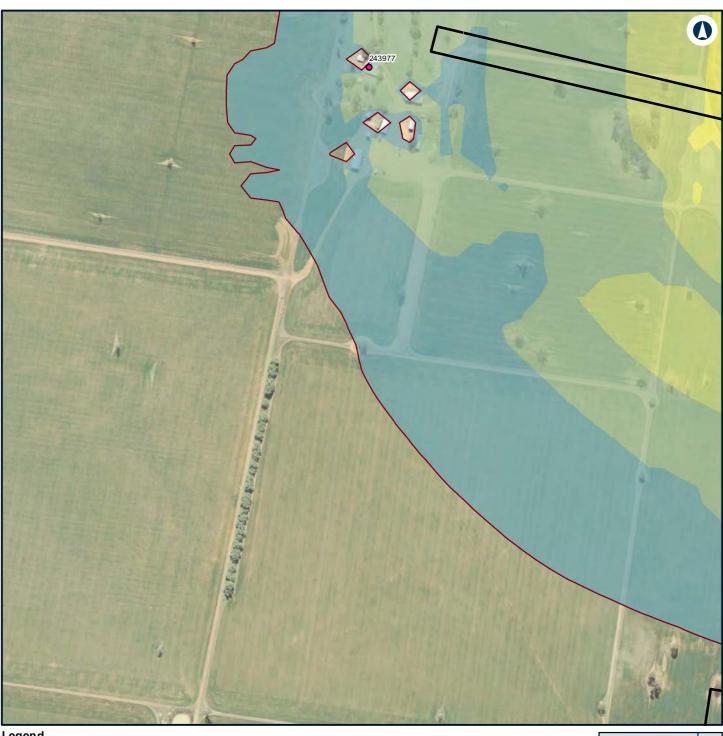
Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40









50 - 55

- Night-time noise managment level

#### Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50

NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

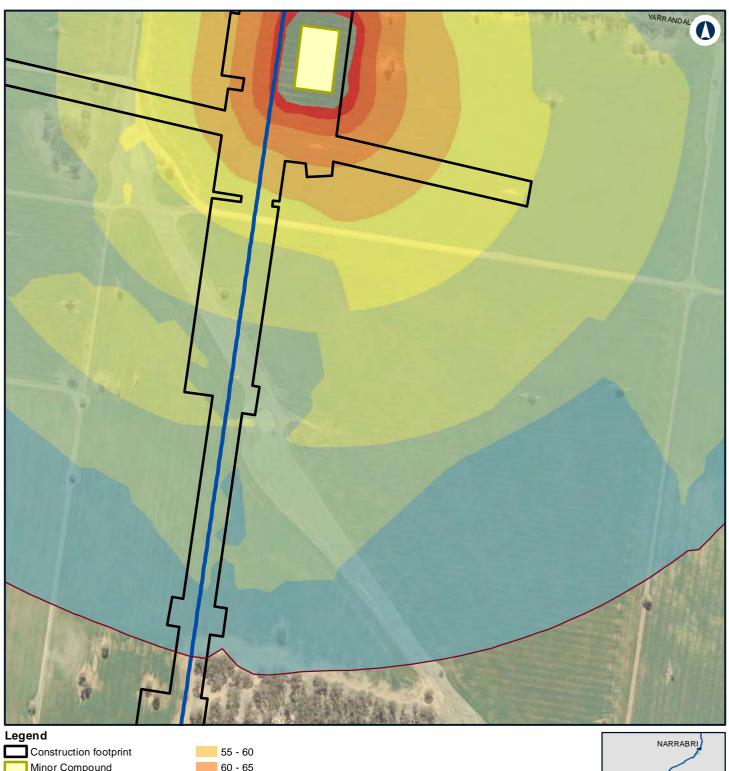
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Date: 22/12/2021

Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD











— Night-time noise managment level

#### Structure type

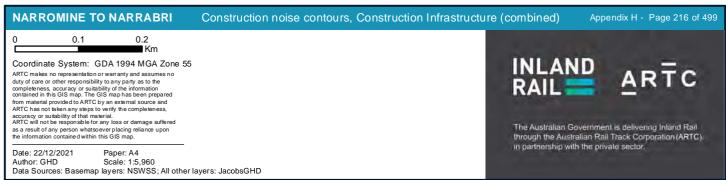
Residential

#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







50 - 55

- Night-time noise managment level

## Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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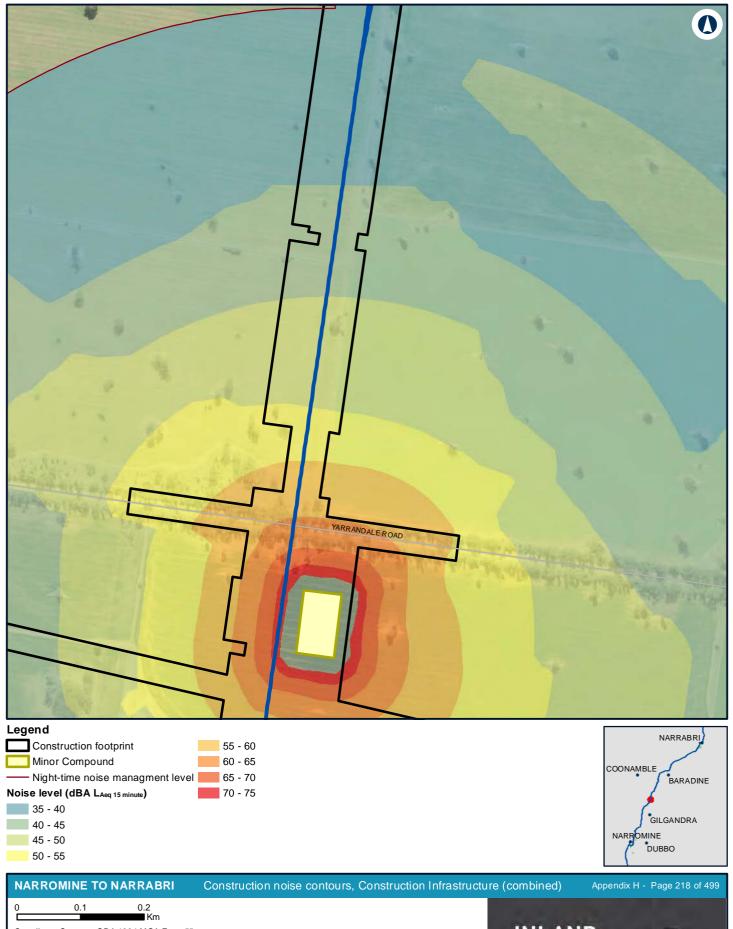
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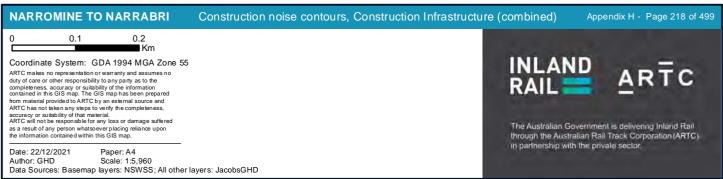
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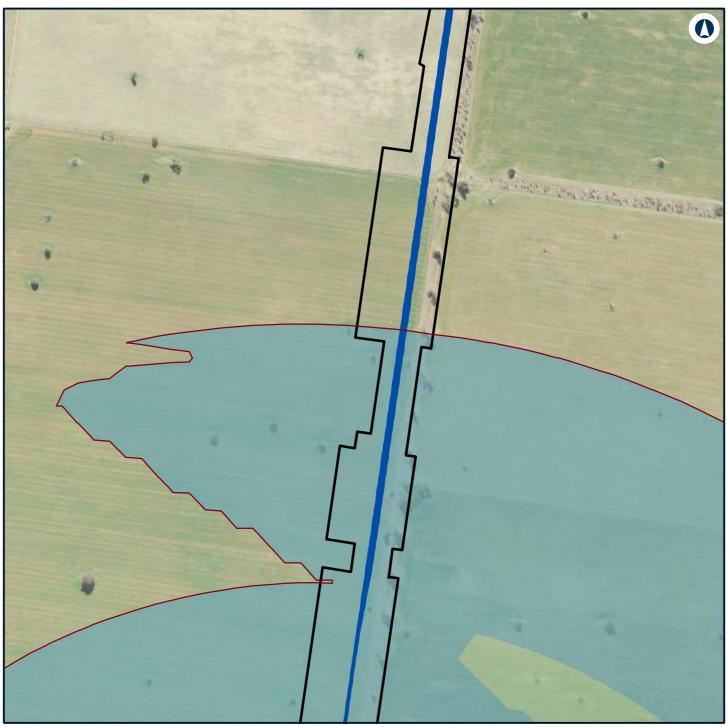
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



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Construction footprint

---- Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40





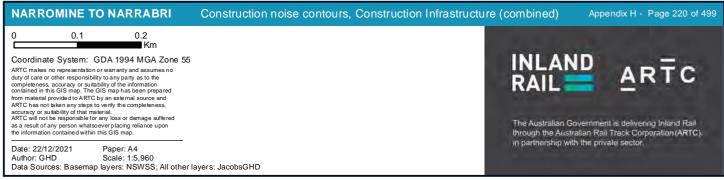


Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)







---- Night-time noise managment level

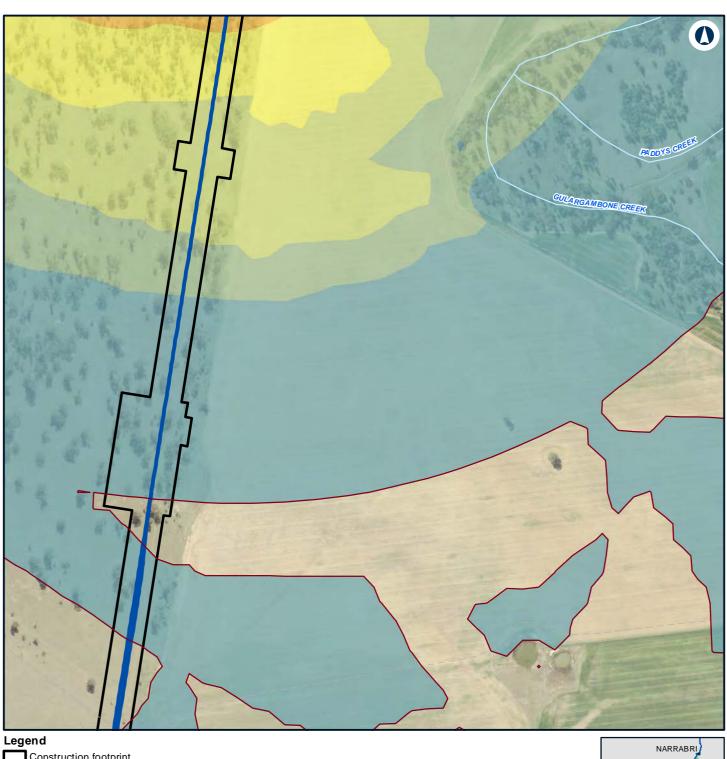
#### Structure type

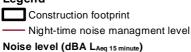
Residential

Noise level (dBA LAeq 15 minute)









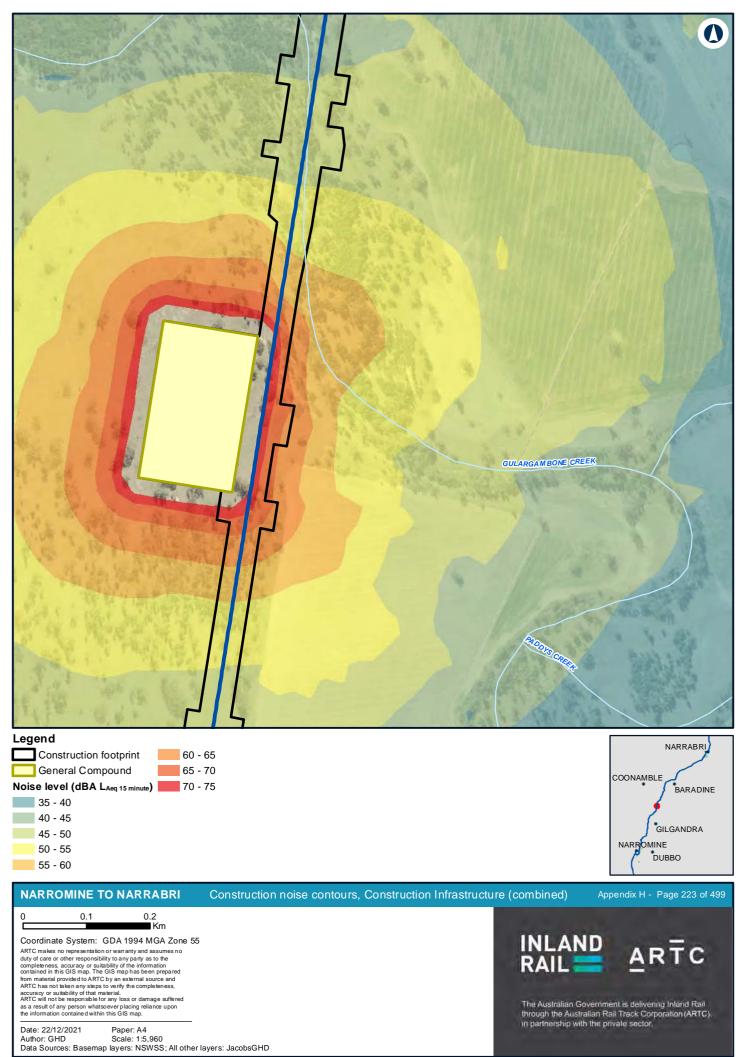
40 - 45 45 - 50

50 - 55

55 - 60









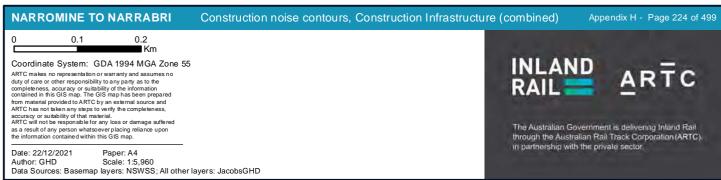
---- Night-time noise managment level

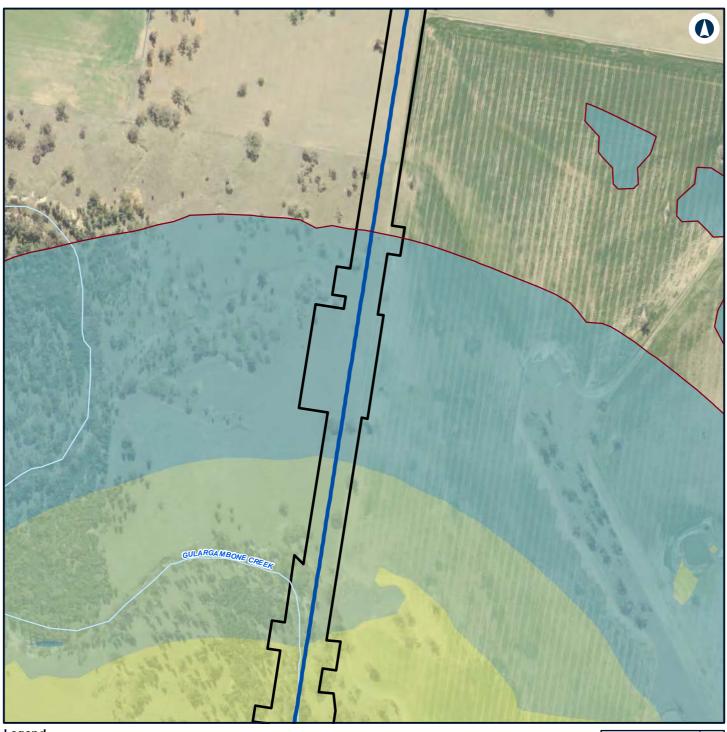
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction footprint

Night-time noise managment level

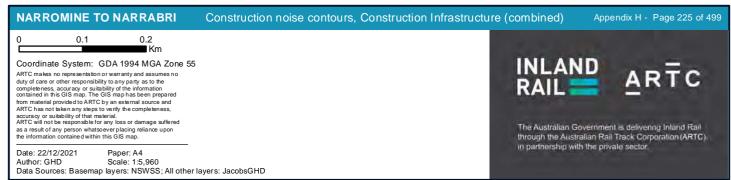
#### Noise level (dBA LAeq 15 minute)

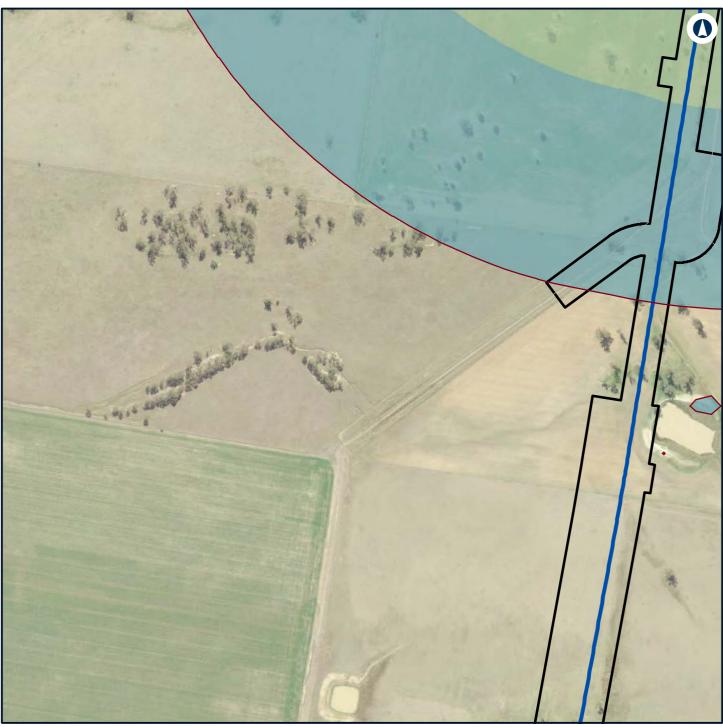
35 - 40

40 - 45

45 - 50

NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO





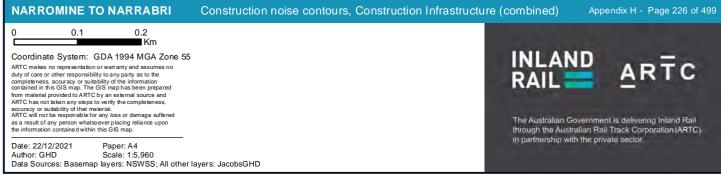
Construction footprint

— Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint

---- Night-time noise managment level

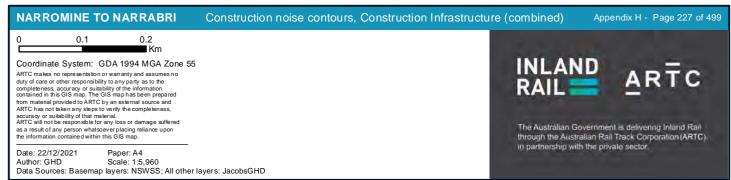
#### Structure type

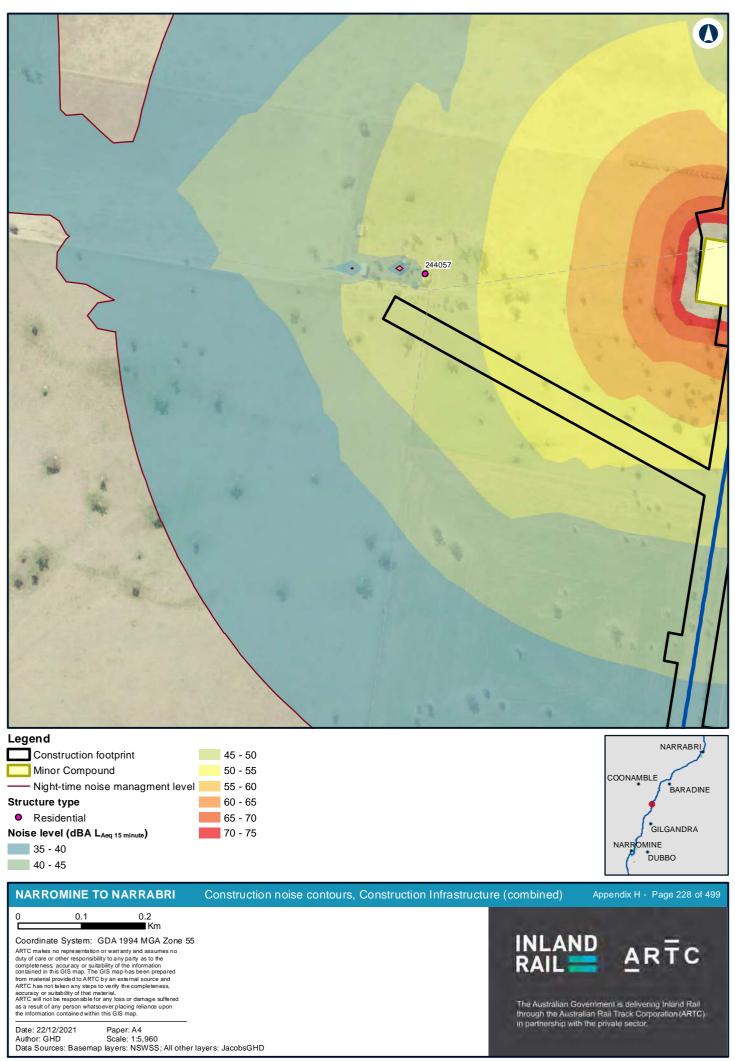
Residential

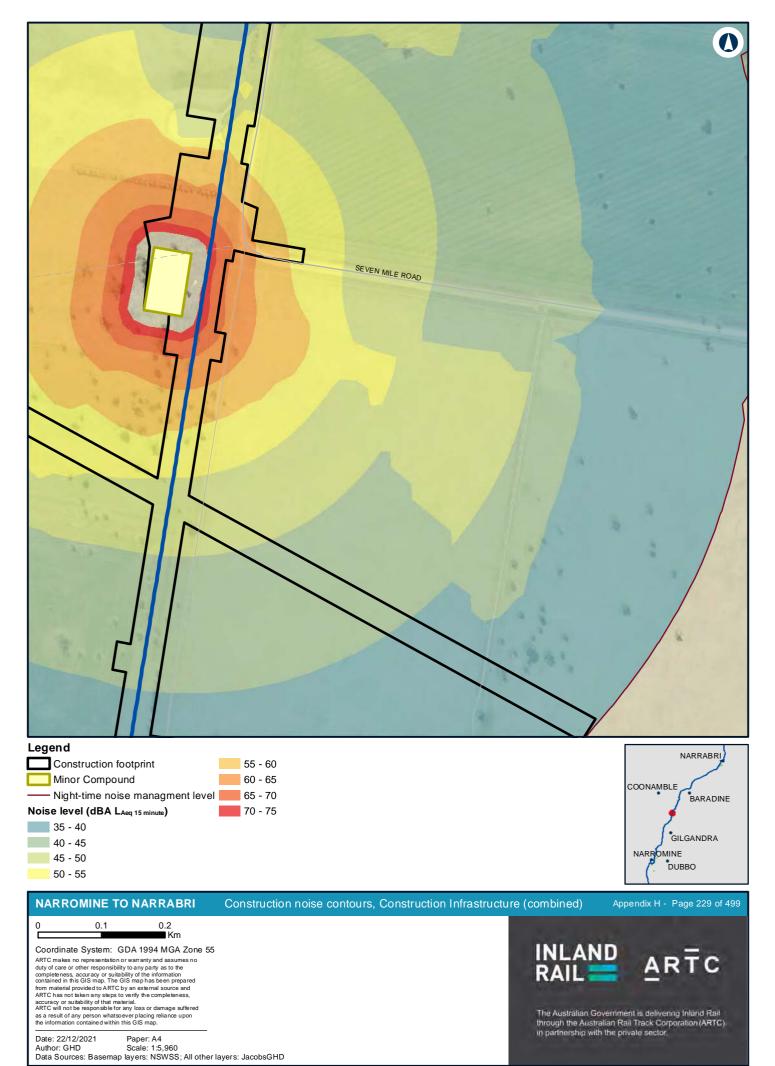
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

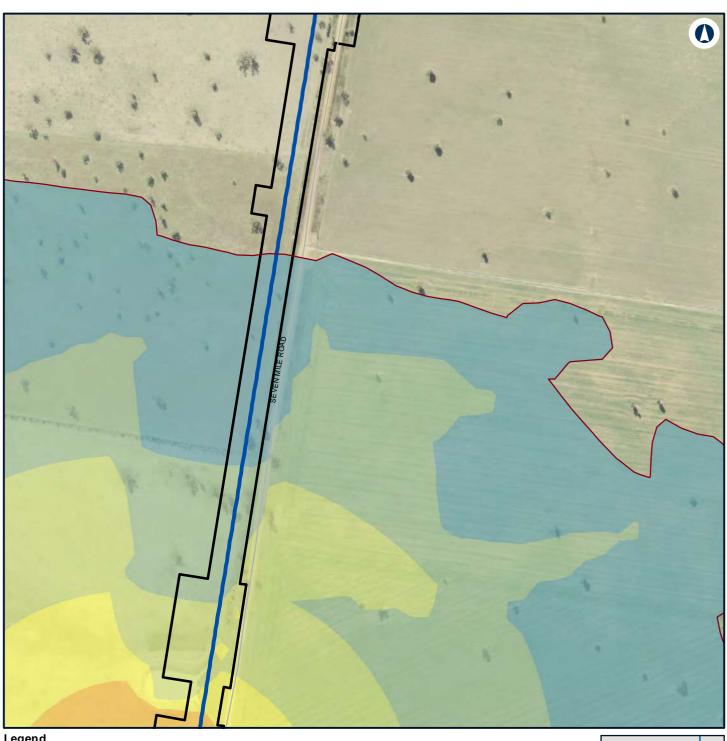
35 - 40













Night-time noise managment level

### Noise level (dBA LAeq 15 minute)

35 - 40

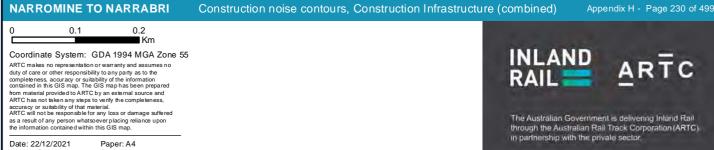
40 - 45

45 - 50

50 - 55

55 - 60

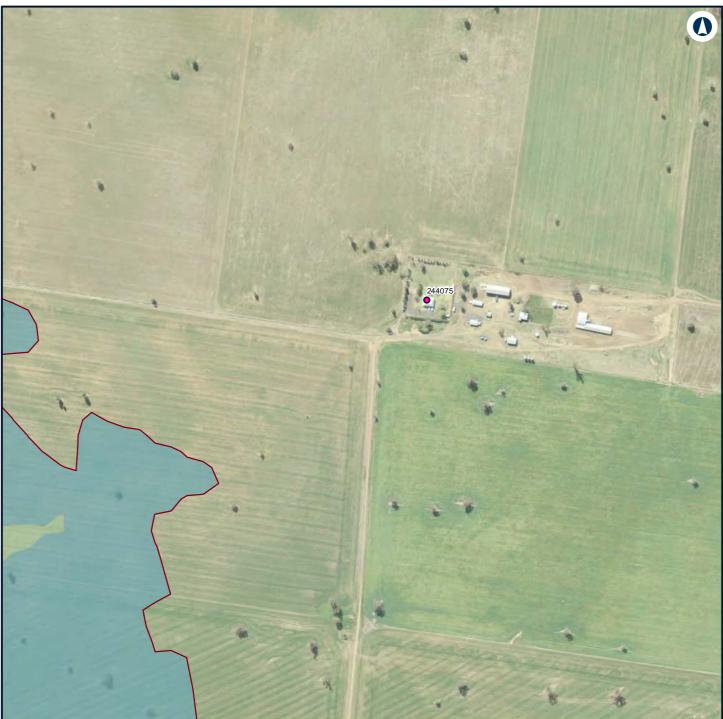




Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

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---- Night-time noise managment level

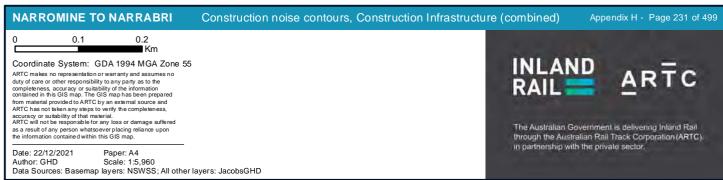
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







---- Night-time noise managment level

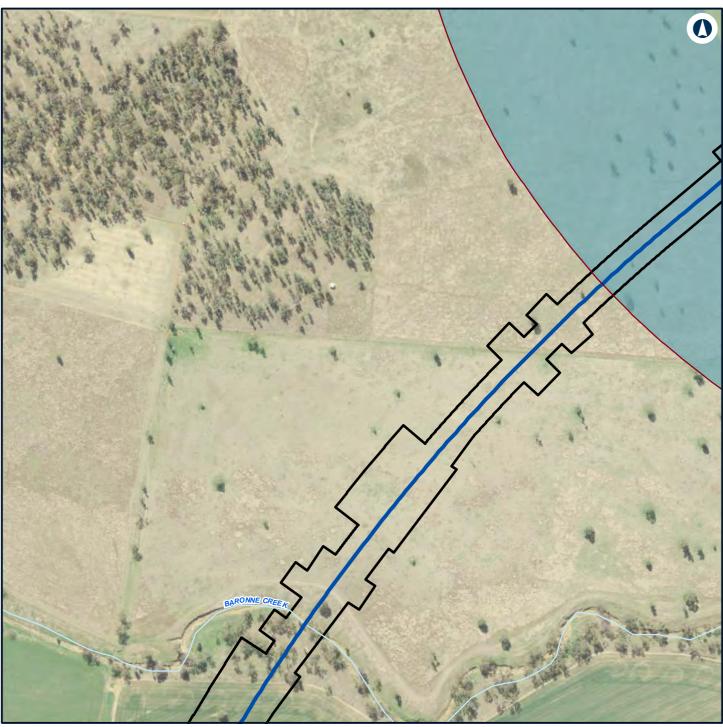
### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction footprint

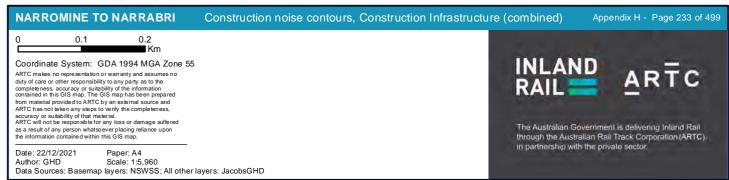
Night-time noise managment level

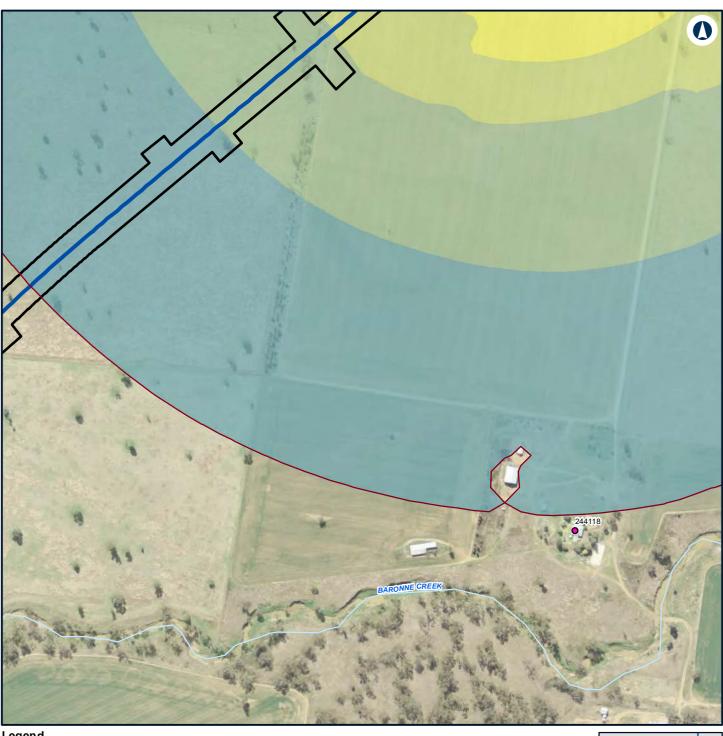
Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO







50 - 55

- Night-time noise managment level

#### Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

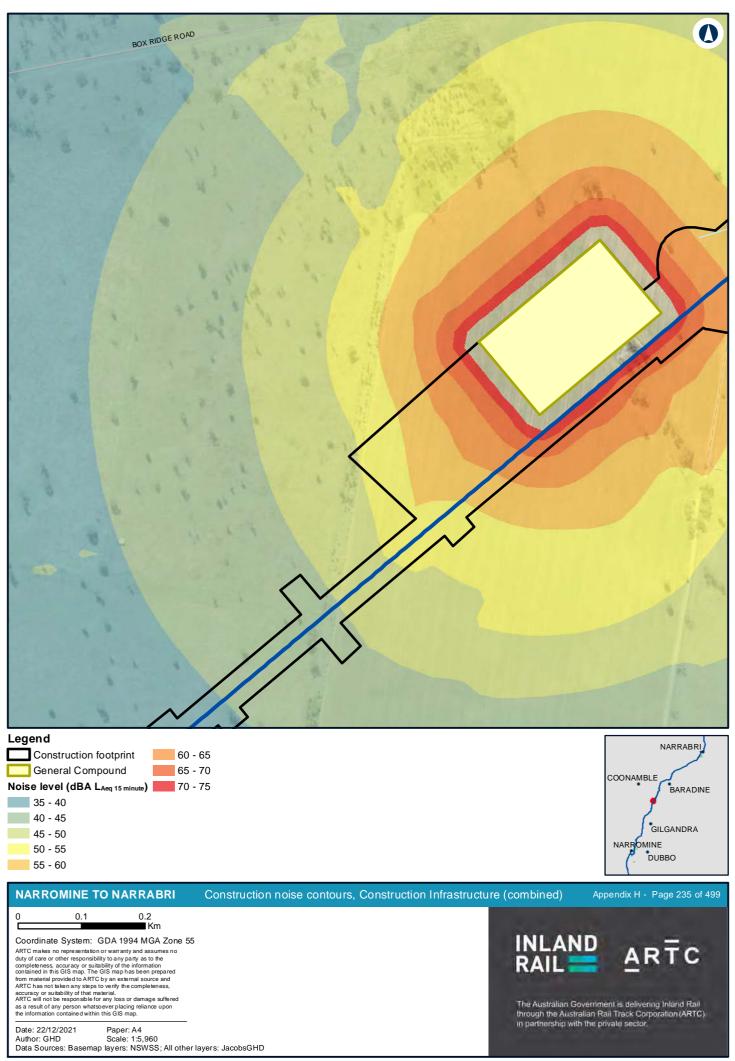
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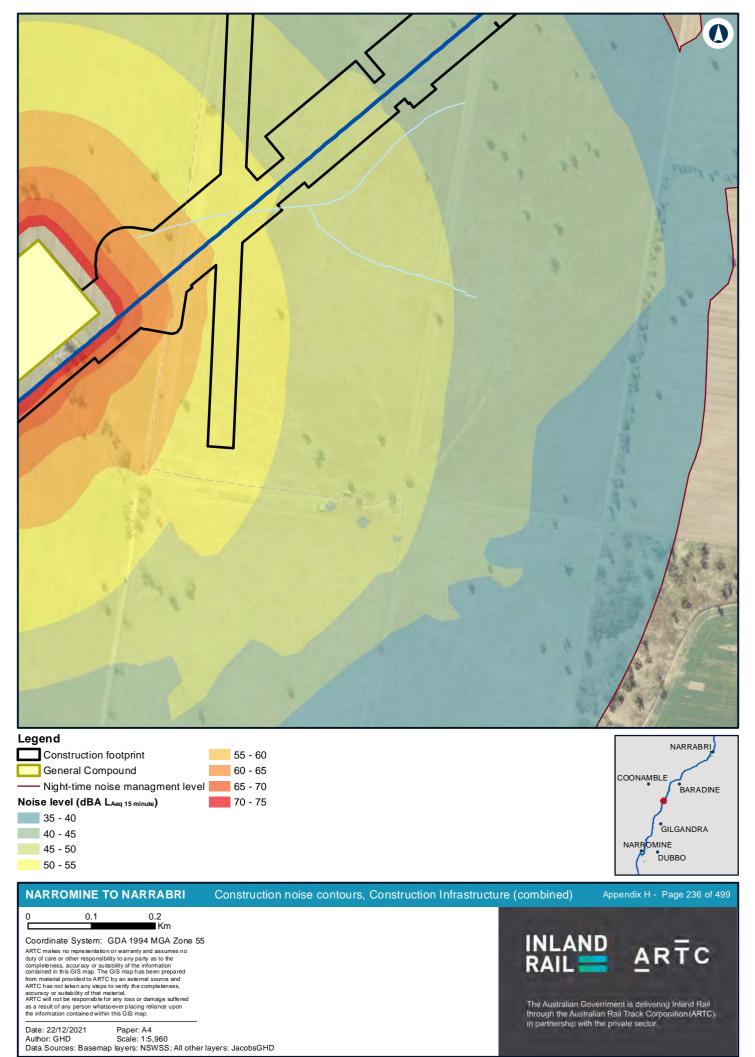
Date: 22/12/2021

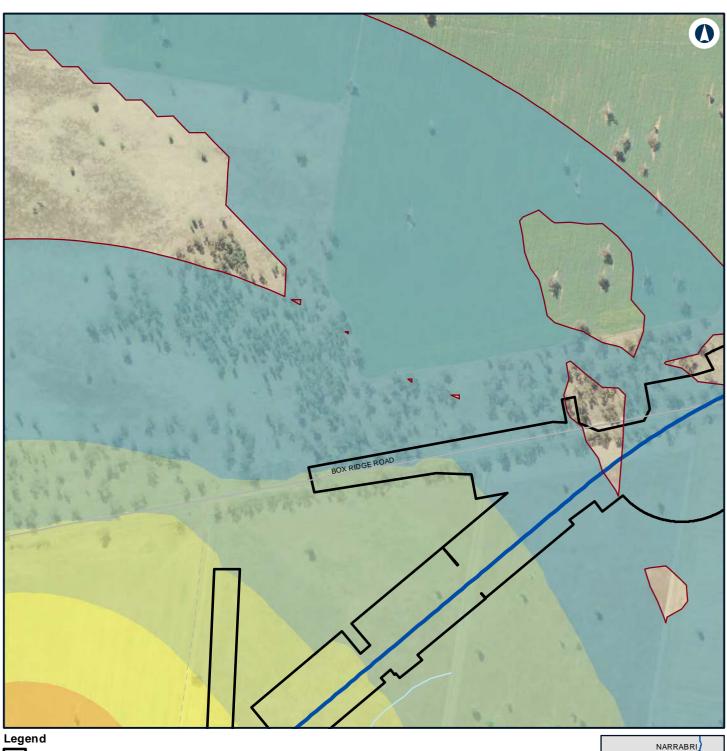
Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

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Night-time noise managment level

#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55 55 - 60

Construction noise contours, Construction Infrastructure (combined)

DUBBO

BARADINE

GILGANDRA

COONAMBLE

NARROMINE

0.1 0.2

NARROMINE TO NARRABRI

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

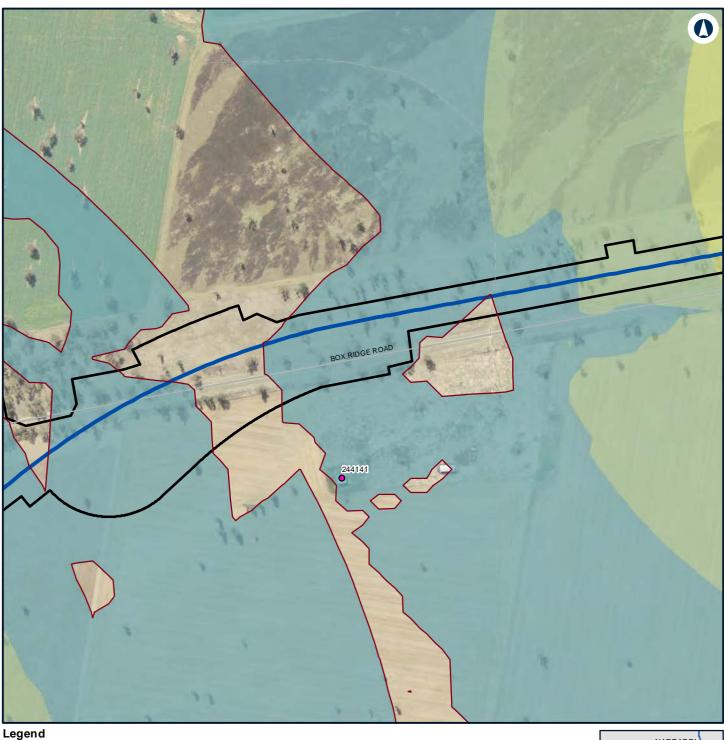
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Night-time noise managment level

## Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

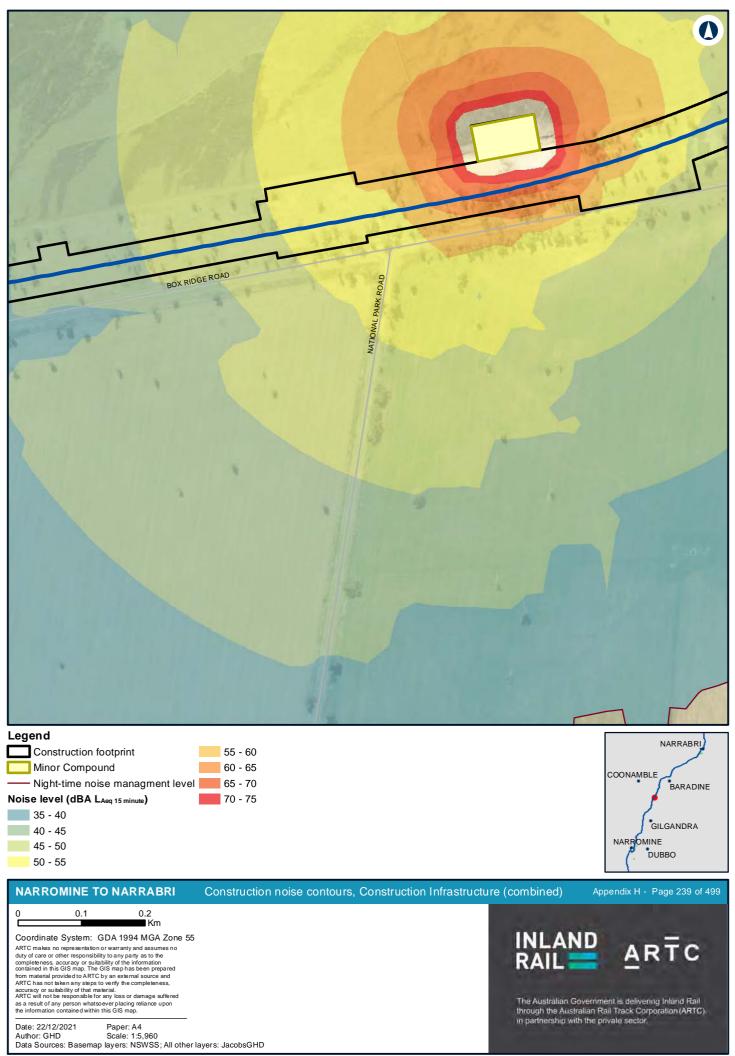
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

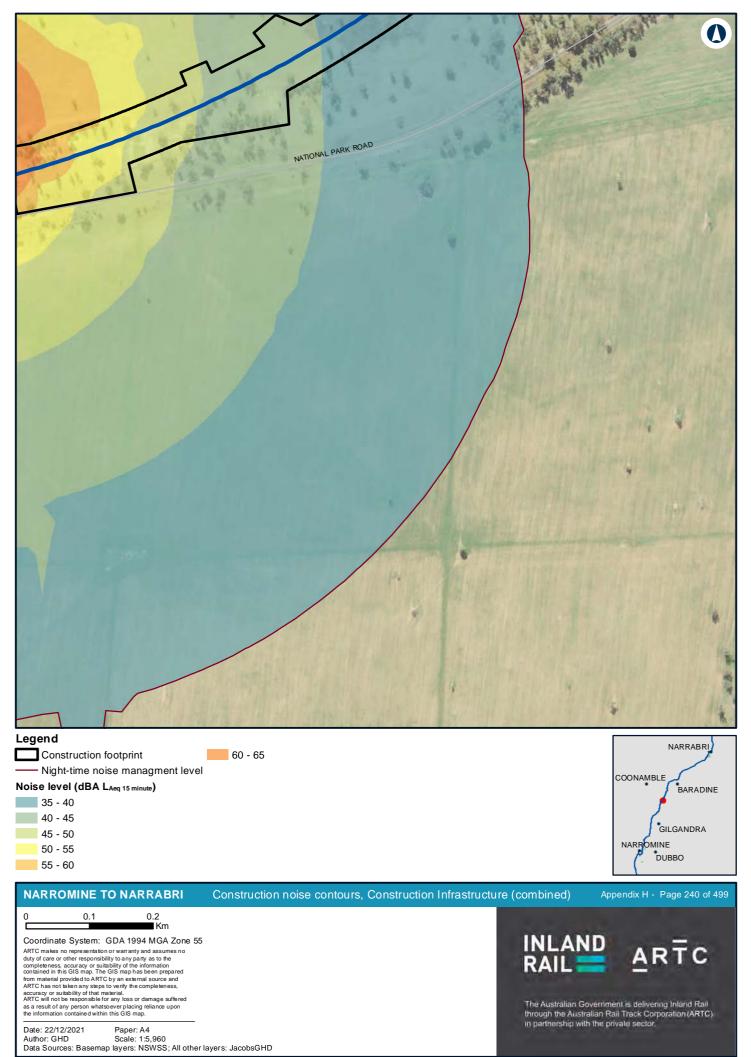
Date: 22/12/2021

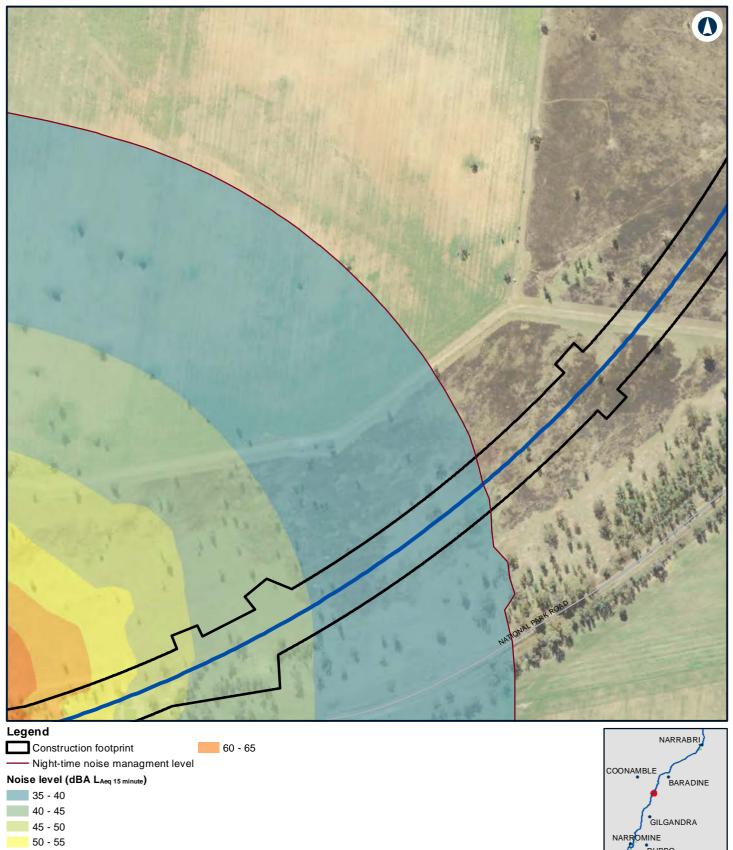
Paper: A4 Scale: 1:5,960

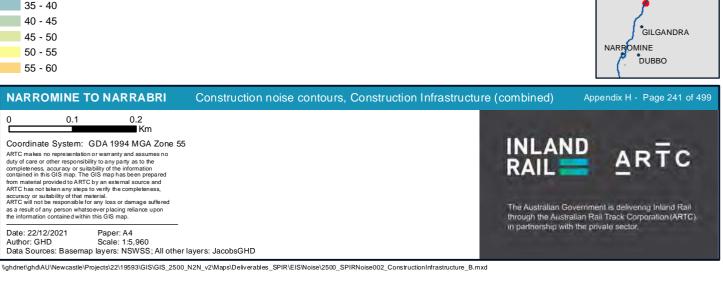
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

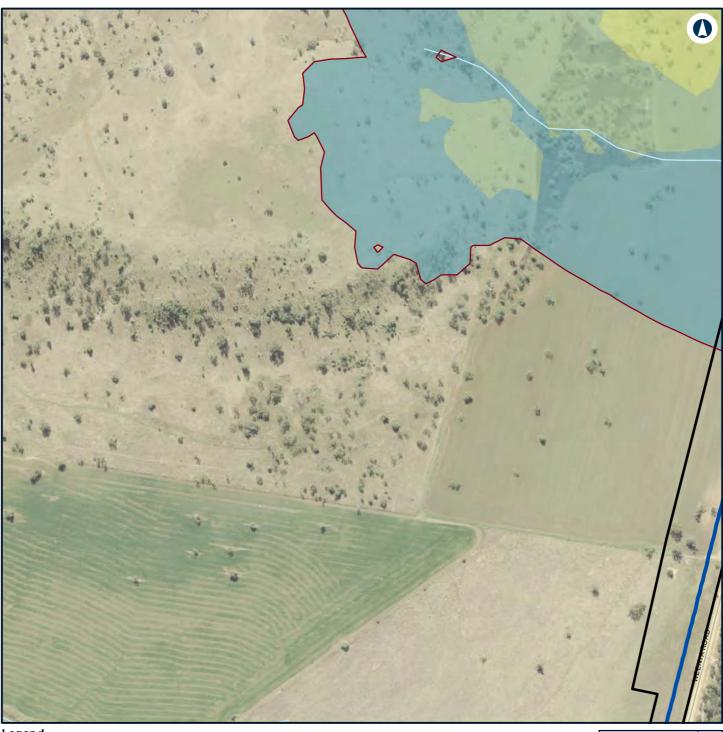
INLAND ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector.











Construction footprint

Night-time noise managment level

## Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

Construction noise contours, Construction Infrastructure (combined)

0.2 Km 0.1

NARROMINE TO NARRABRI

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

Paper: A4 Scale: 1:5,960

INLAND RAIL ARTC

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

NARRABRI

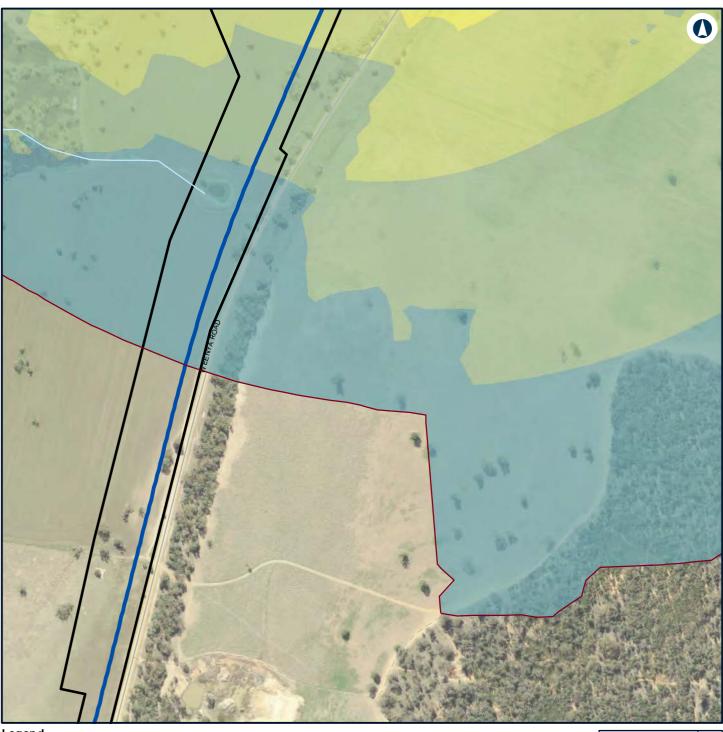
BARADINE

GILGANDRA

DUBBO

COONAMBLE

NARROMINE



Construction footprint

Night-time noise managment level

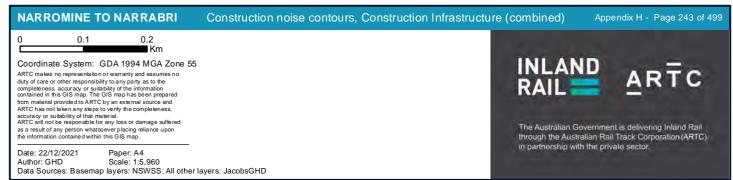
#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50







---- Night-time noise managment level

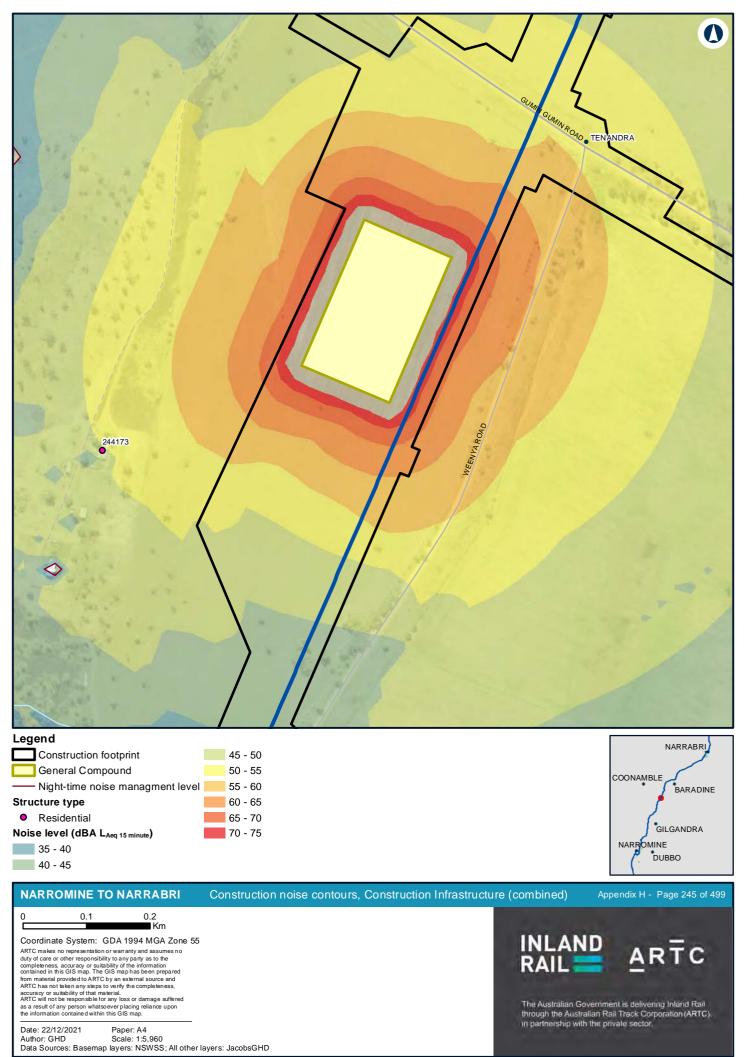
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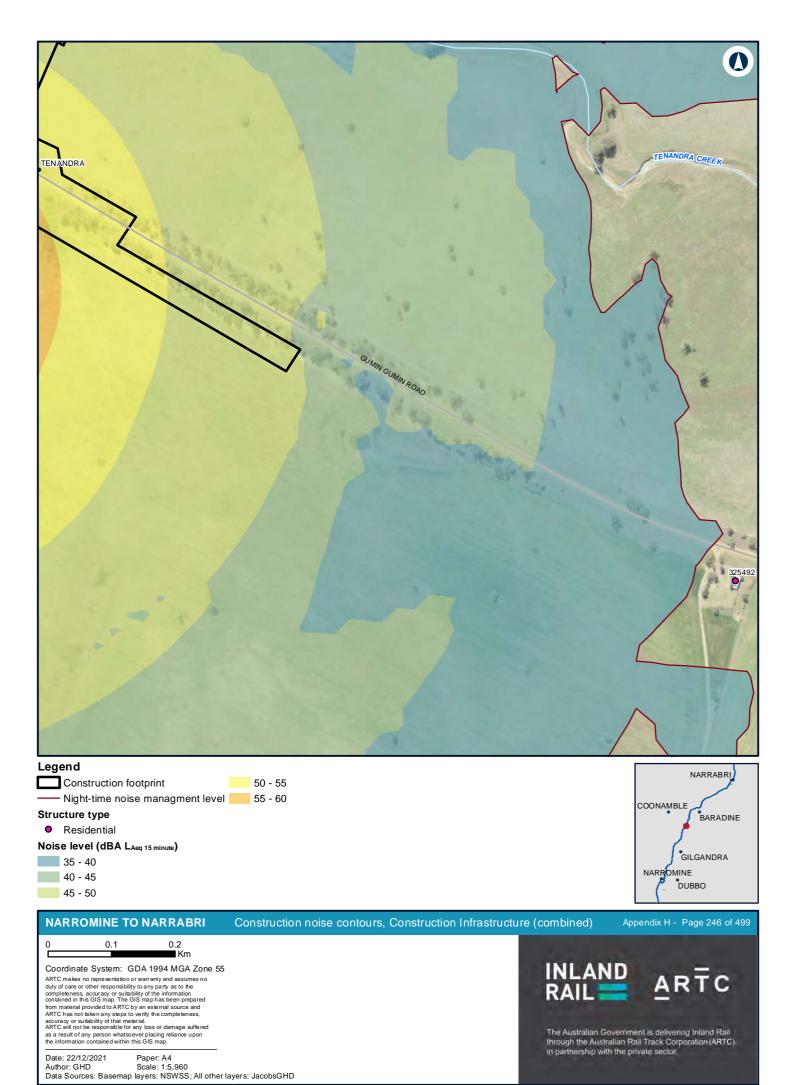
Residential

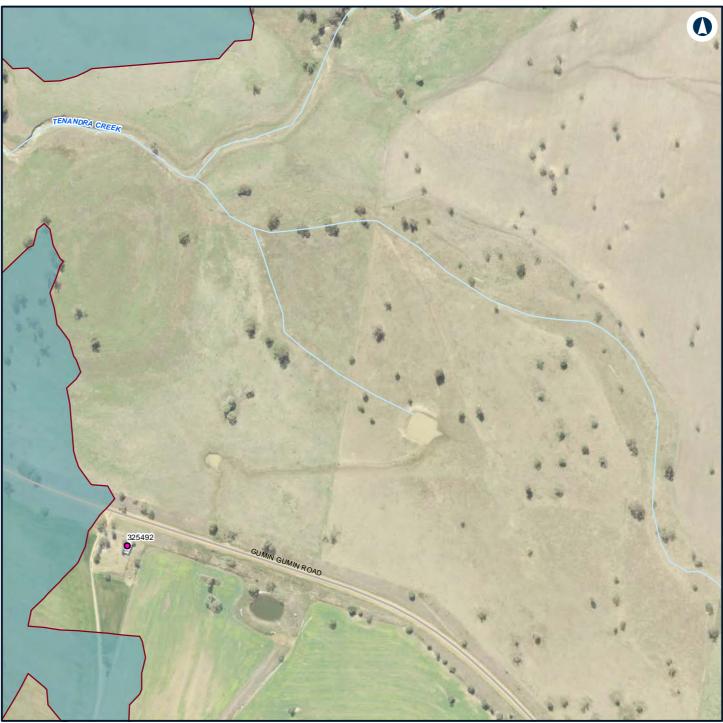
Noise level (dBA L<sub>Aeq 15 minute</sub>)











---- Night-time noise managment level

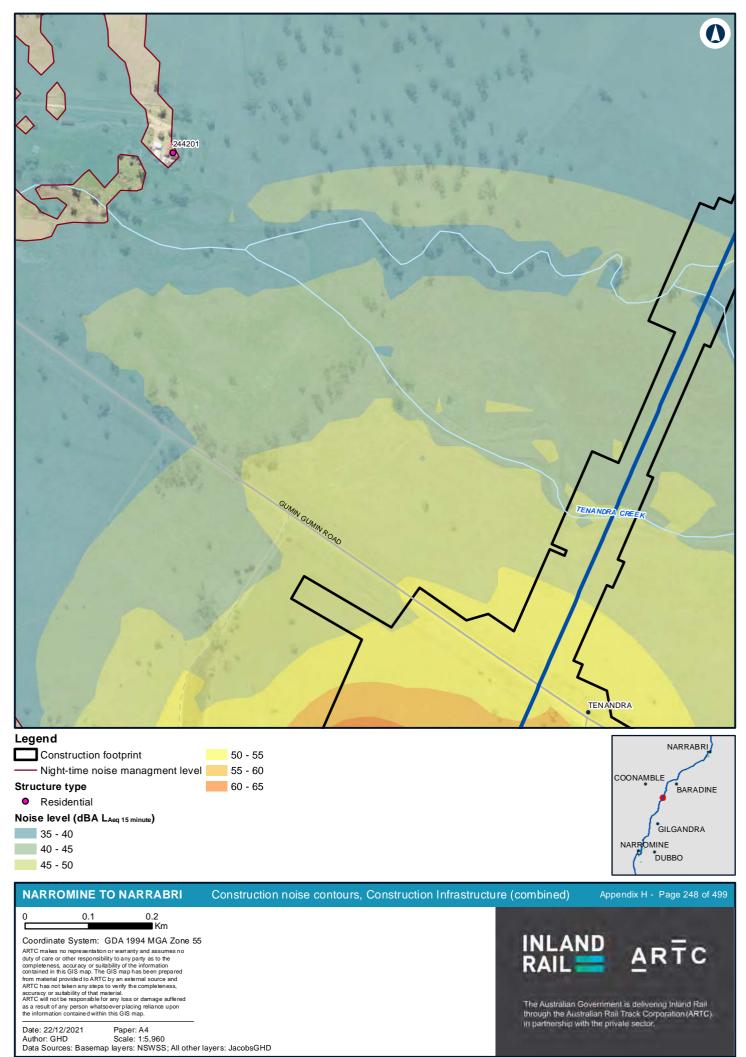
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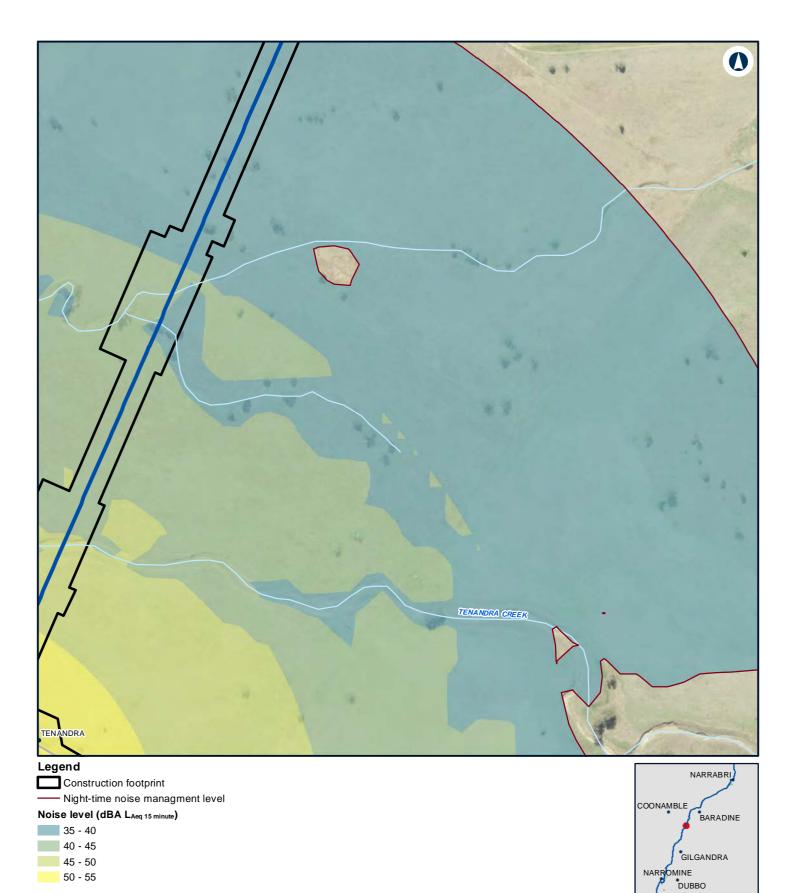
Residential

Noise level (dBA LAeq 15 minute)













Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40





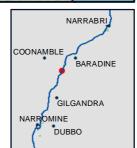


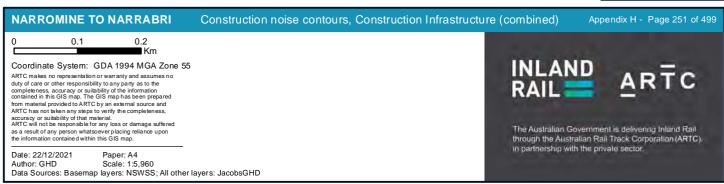
---- Night-time noise managment level

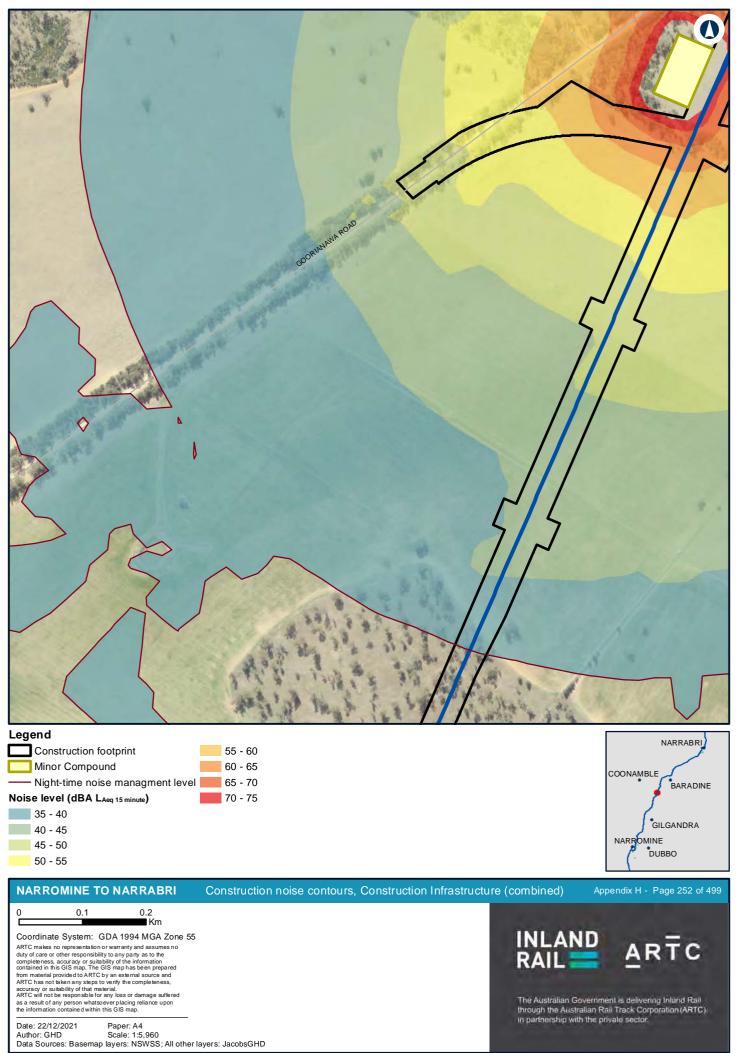
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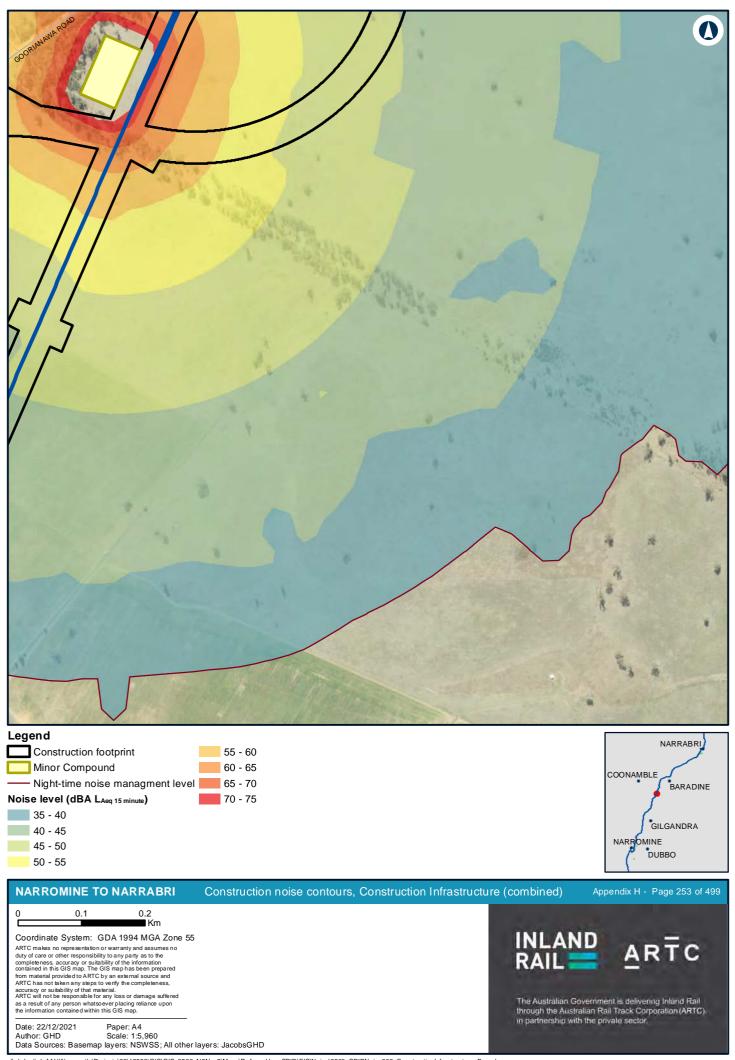
Residential

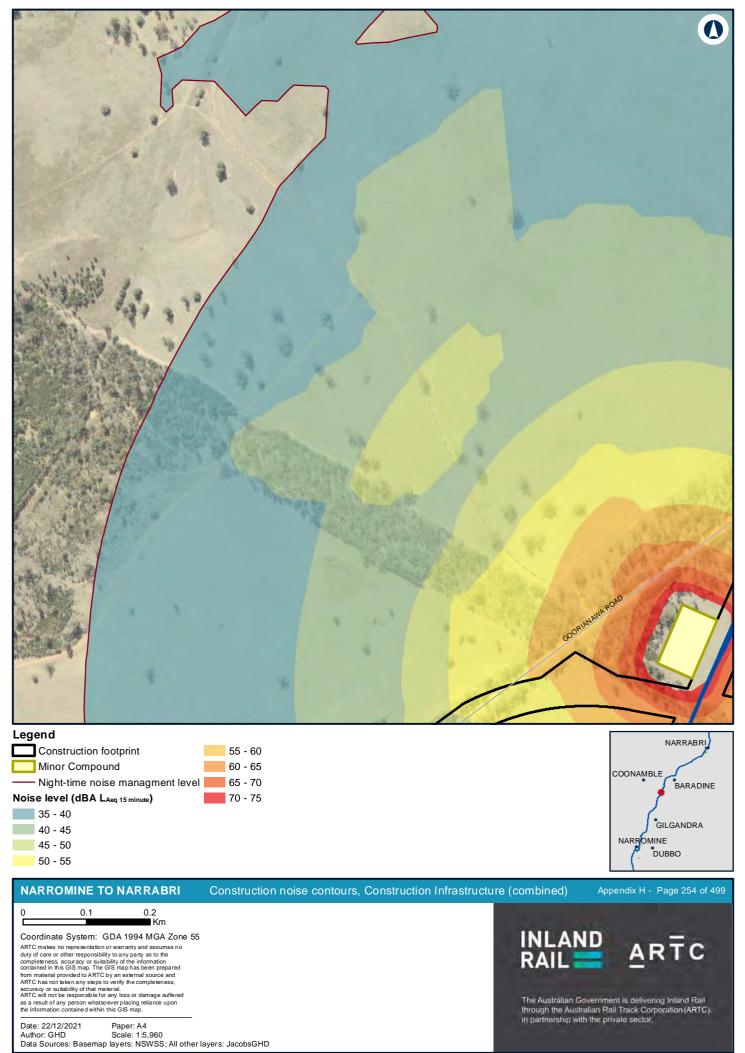
Noise level (dBA L<sub>Aeq 15 minute</sub>)

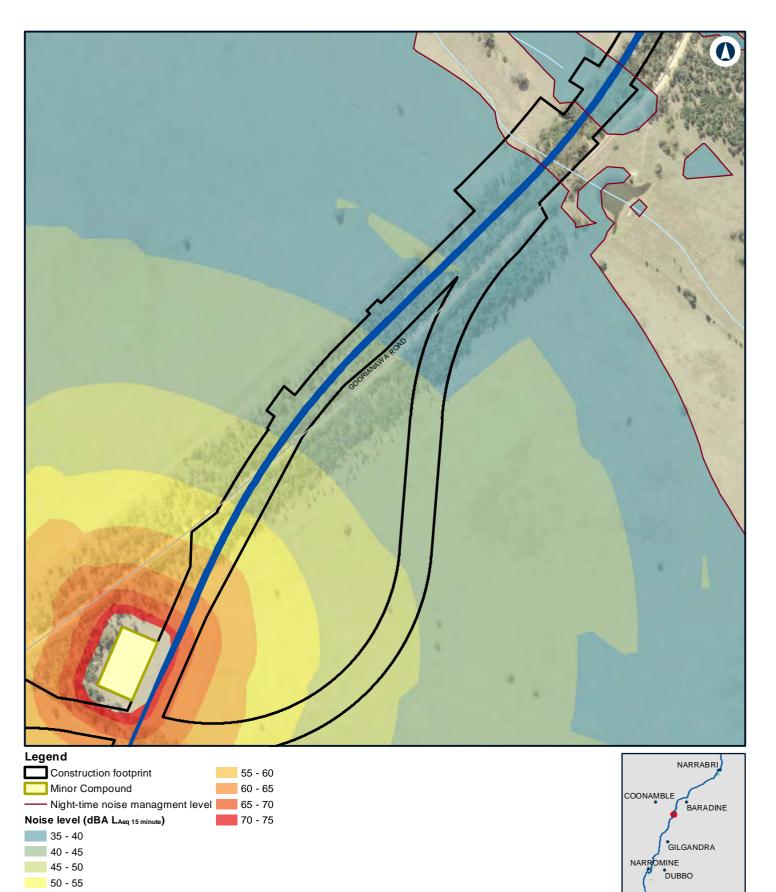














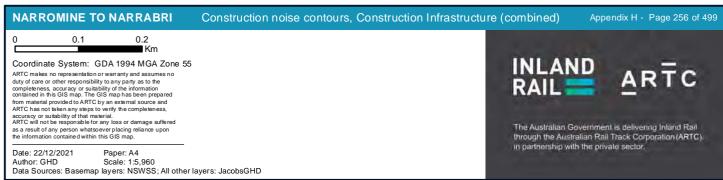


Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)







Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)









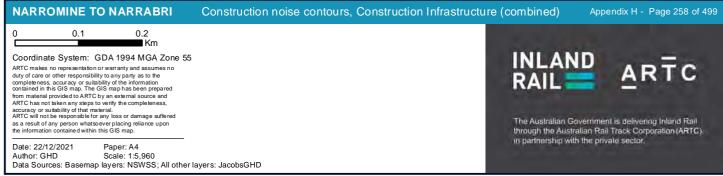
Night-time noise managment level

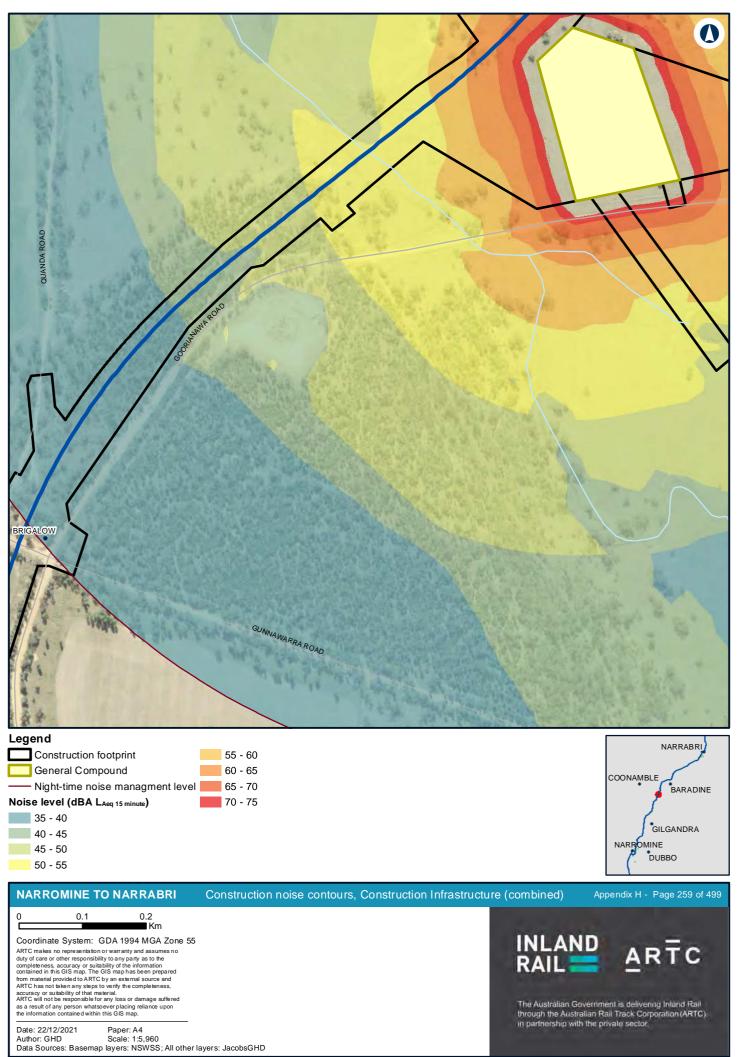
### Noise level (dBA LAeq 15 minute)

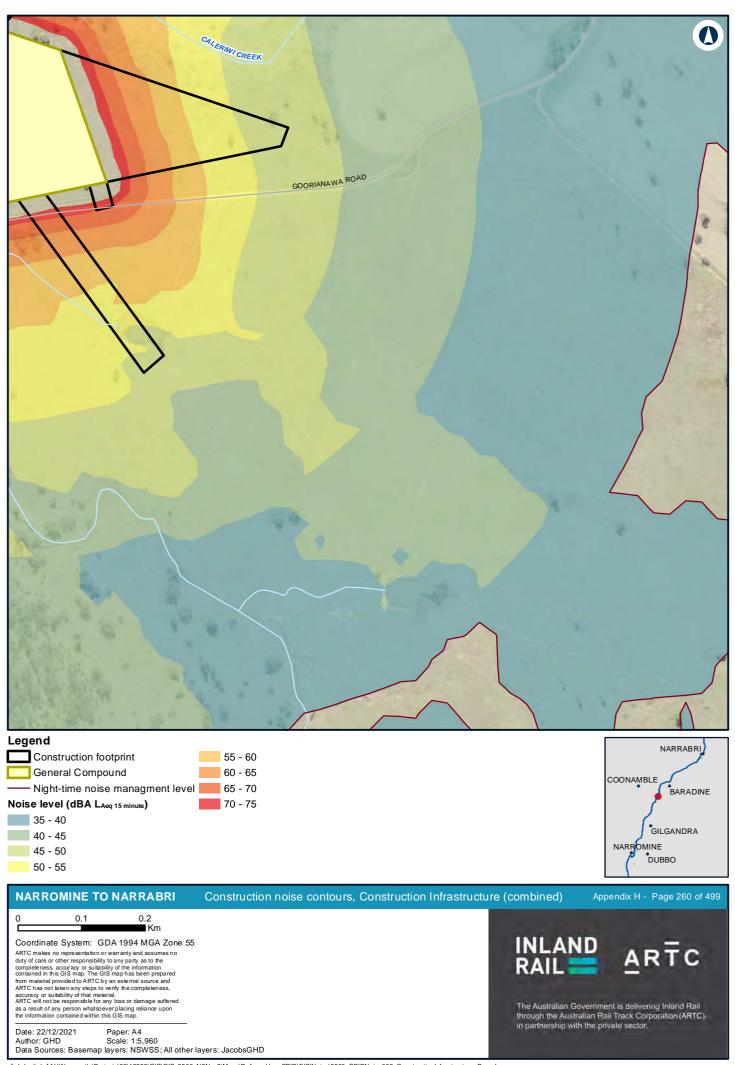
35 - 40

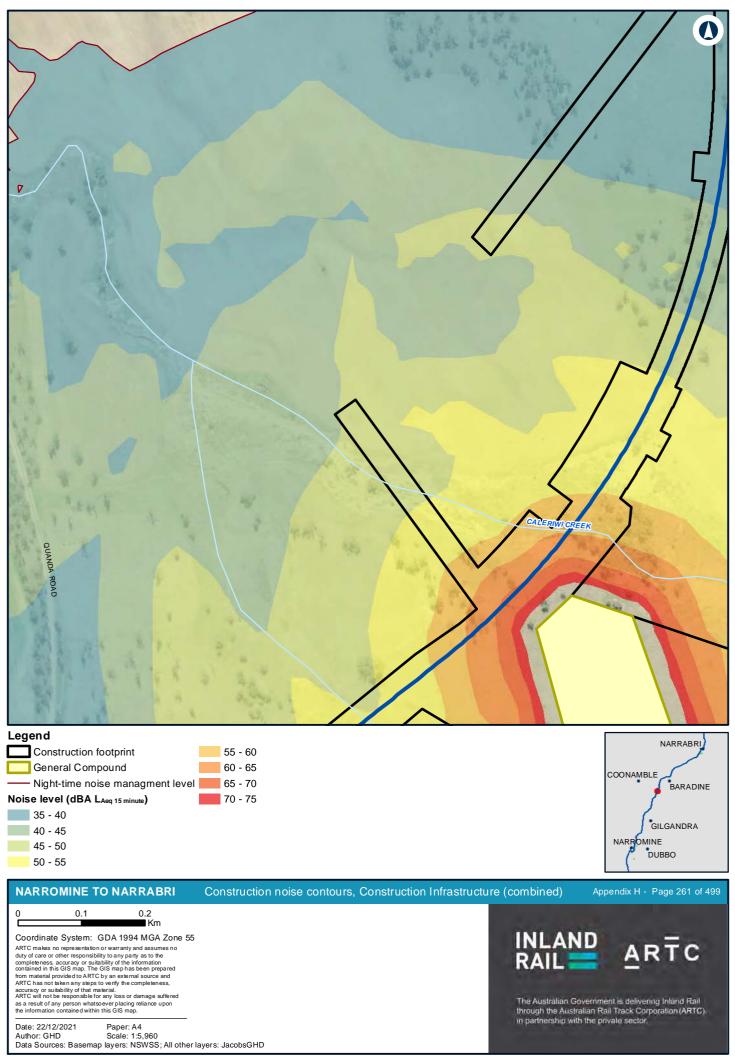
40 - 45

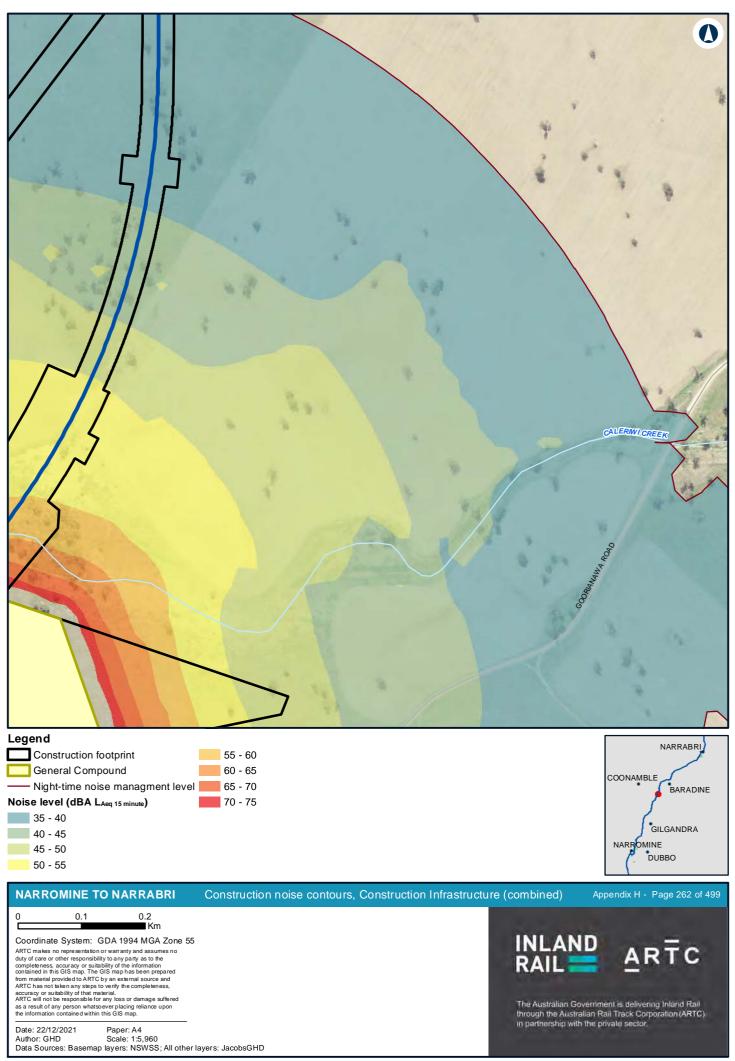














---- Night-time noise managment level

### Structure type

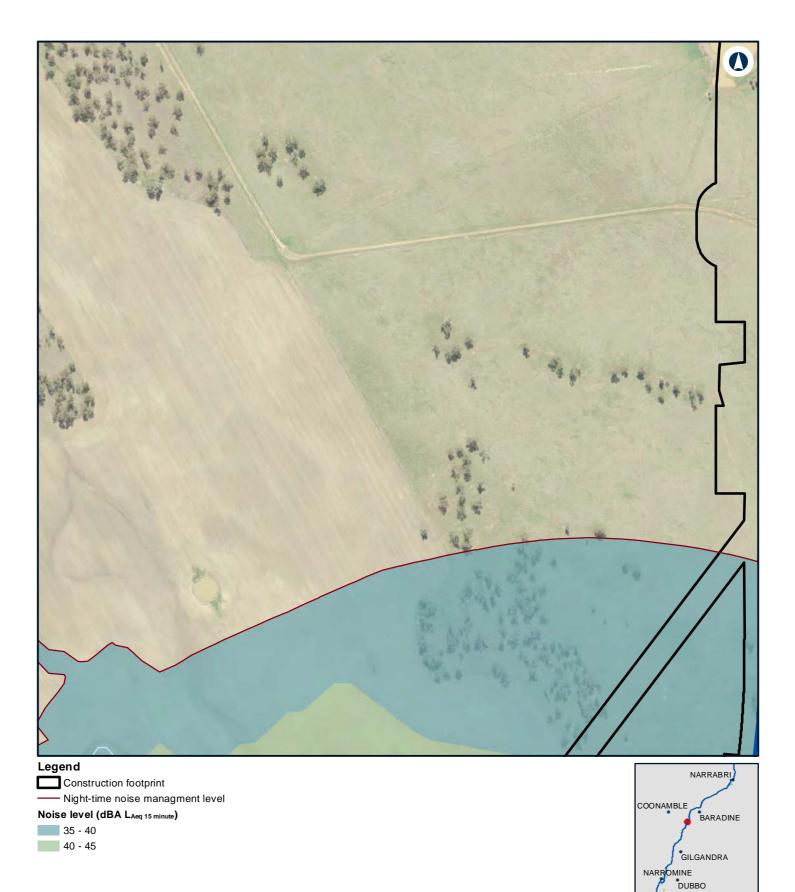
Residential

#### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40











Construction footprint

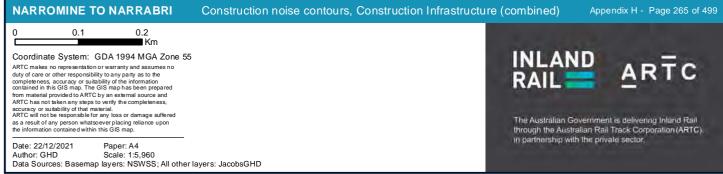
— Night-time noise managment level

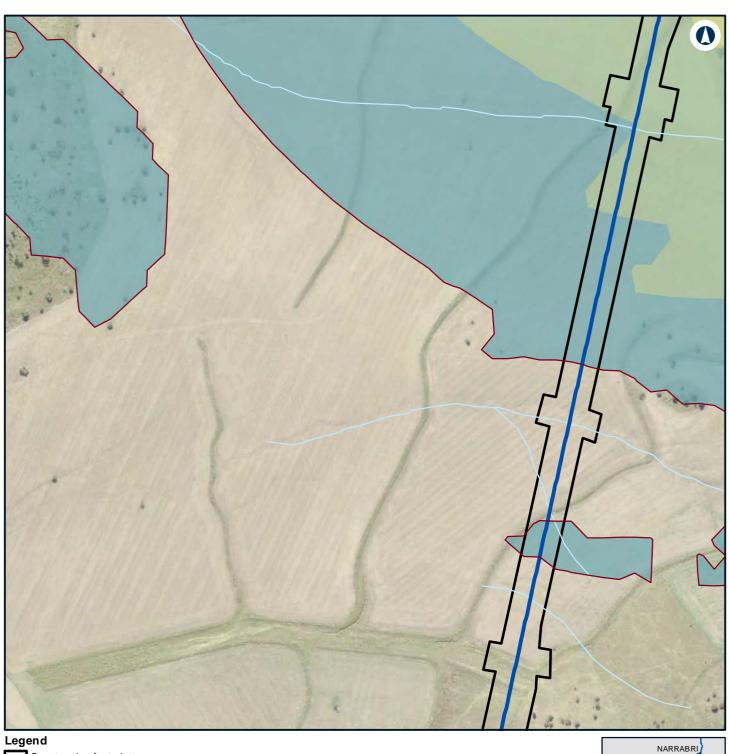
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







— Night-time noise managment level

### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

40 - 45

GILGANDRA
NARROMINE
DUBBO

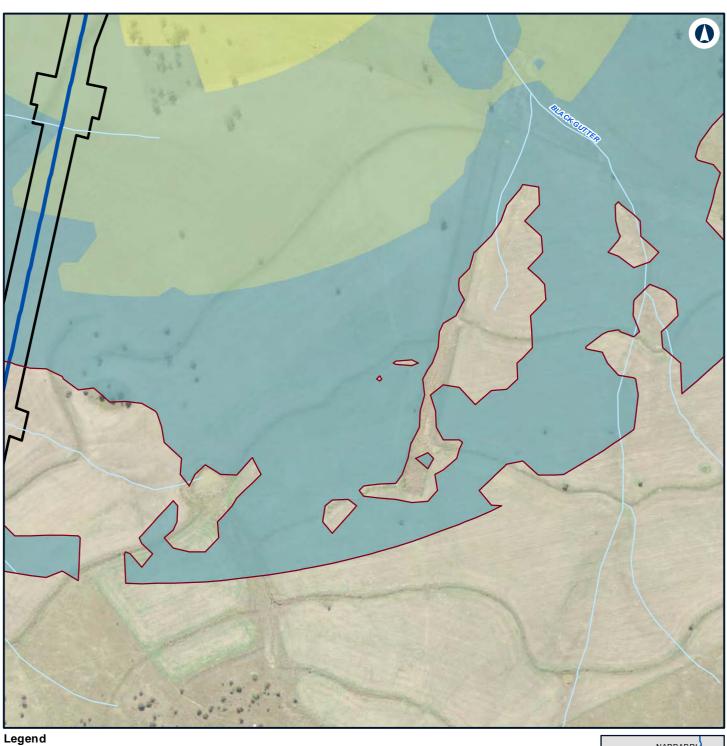
Construction noise contours, Construction Infrastructure (combined)

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COONAMBLE

BARADINE





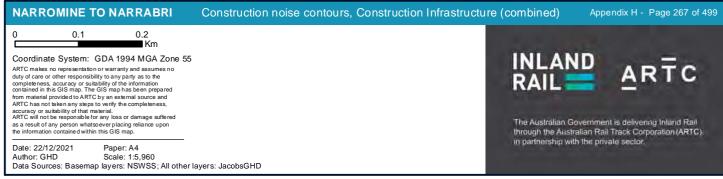
---- Night-time noise managment level

### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







---- Night-time noise managment level

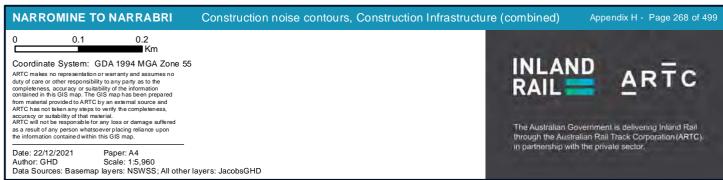
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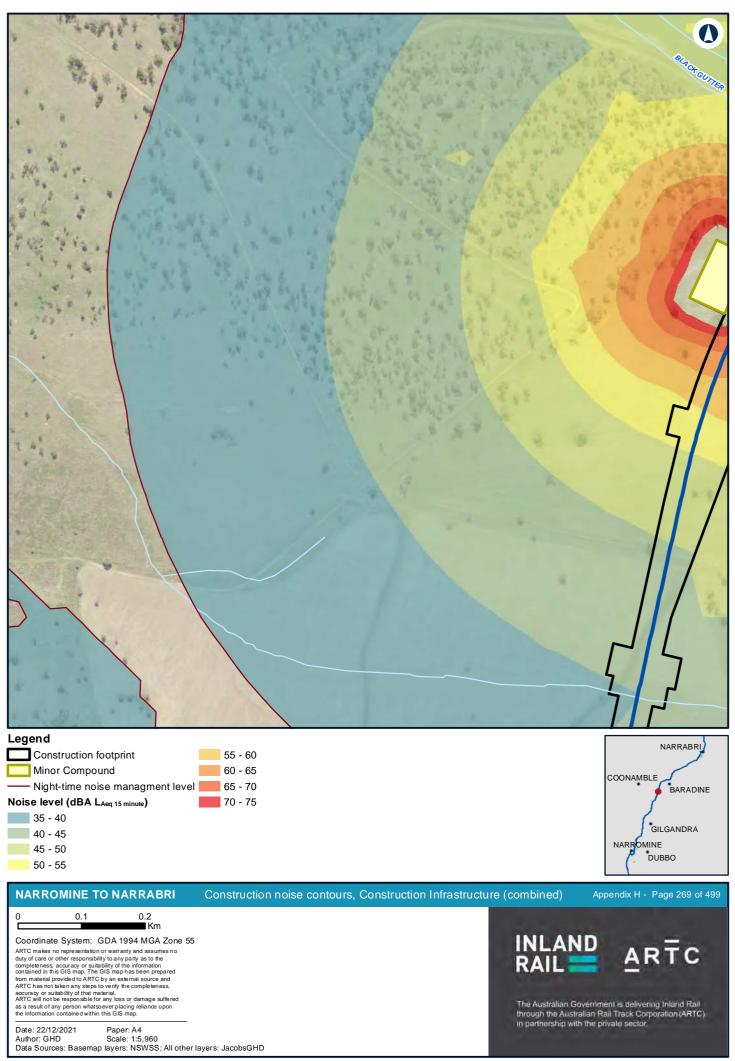
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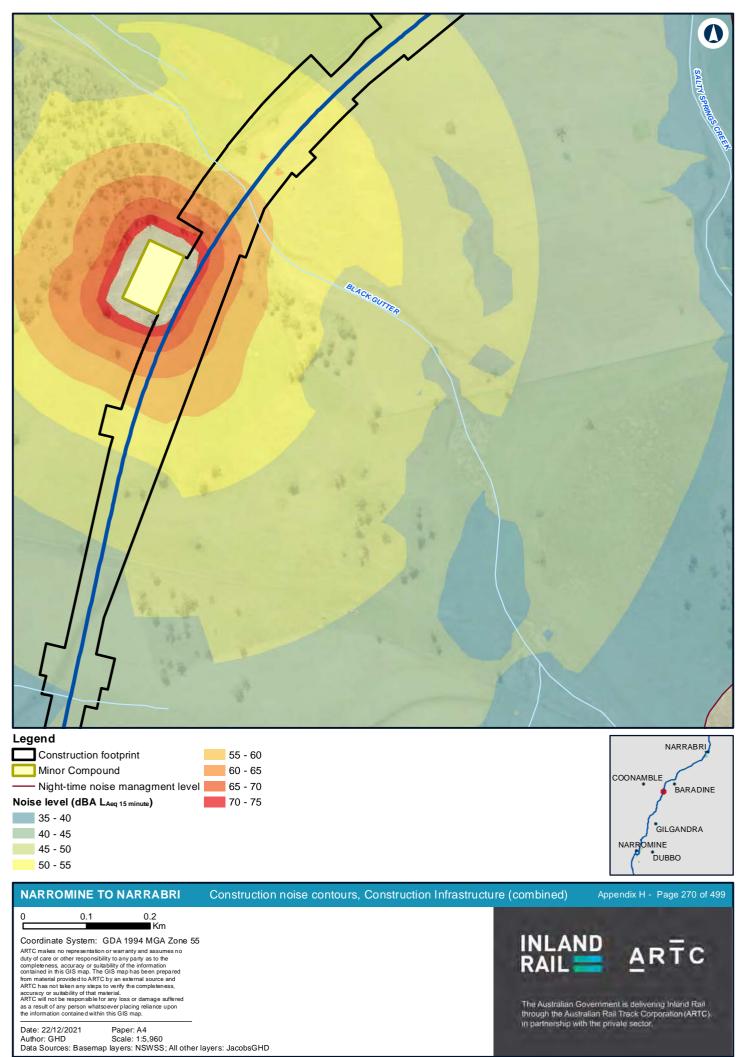
Noise level (dBA L<sub>Aeq 15 minute</sub>)

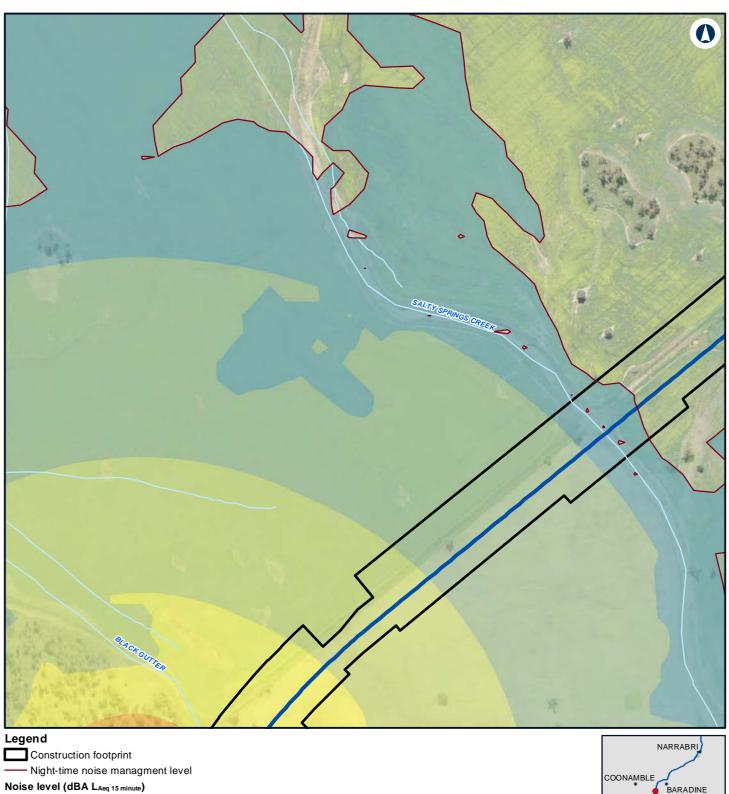
35 - 40

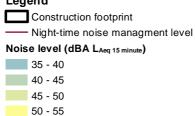




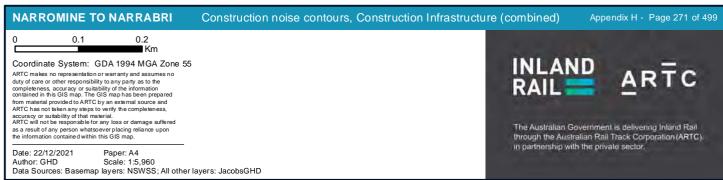














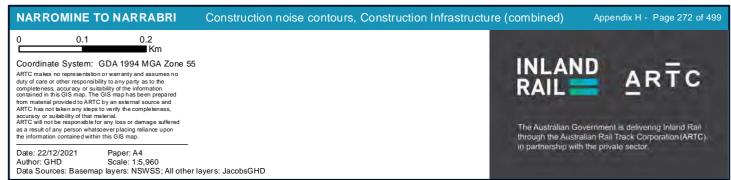
Construction footprint

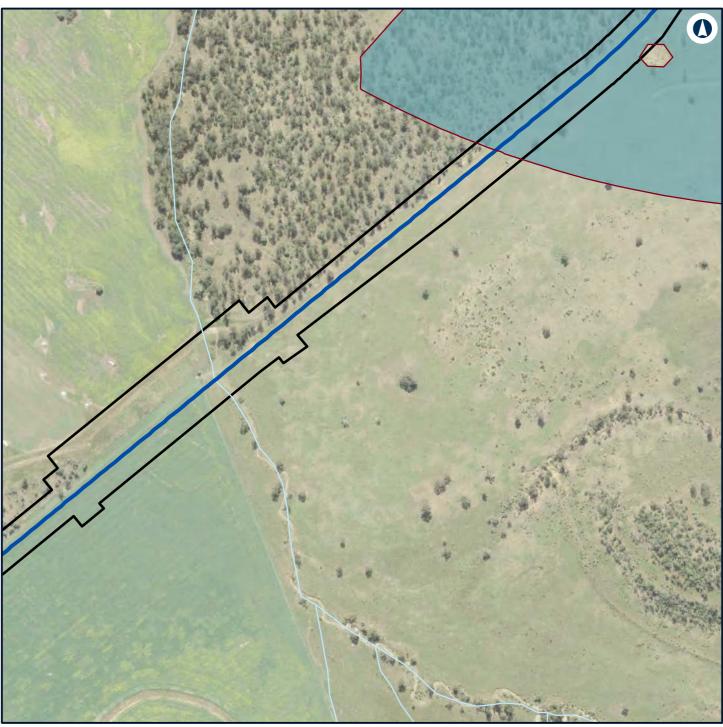
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40





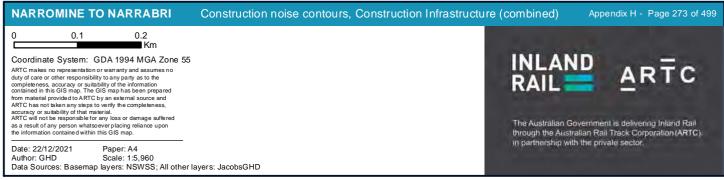


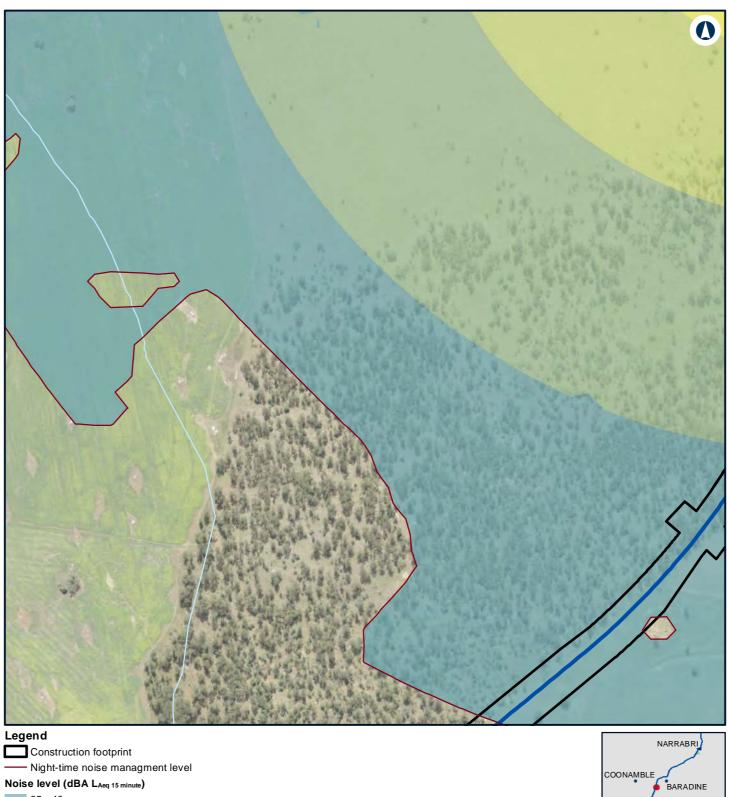
Construction footprint

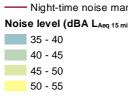
— Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

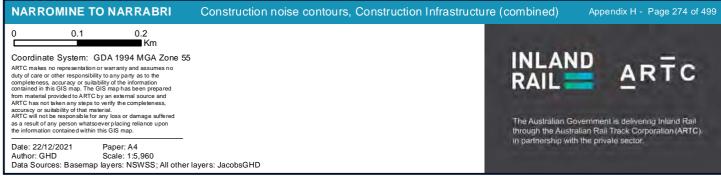


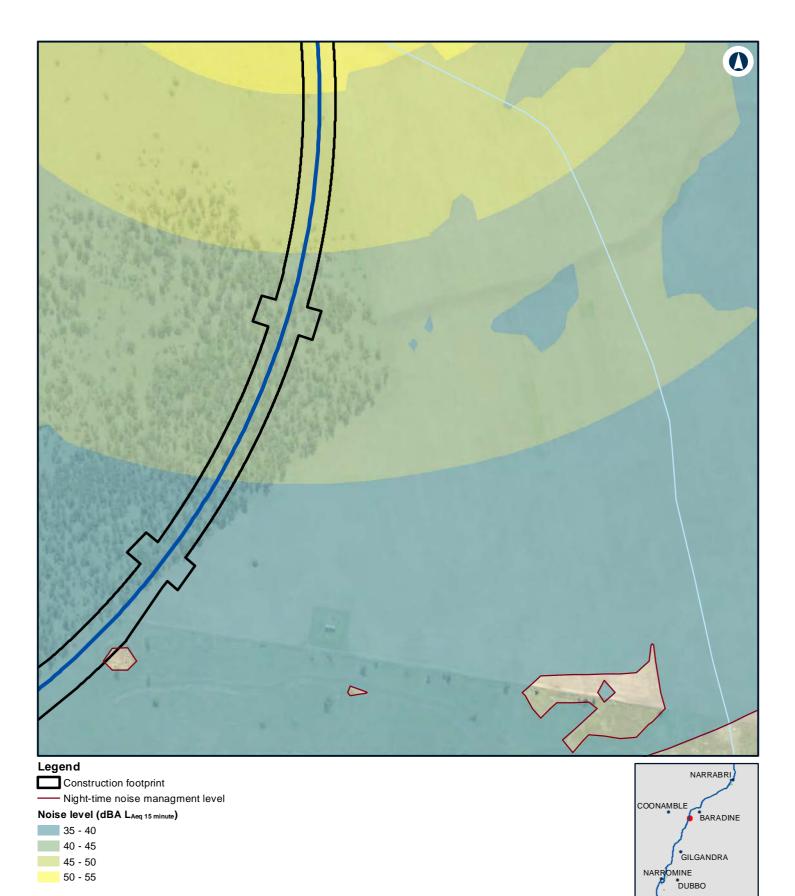


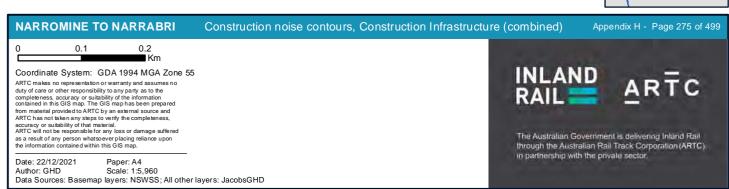


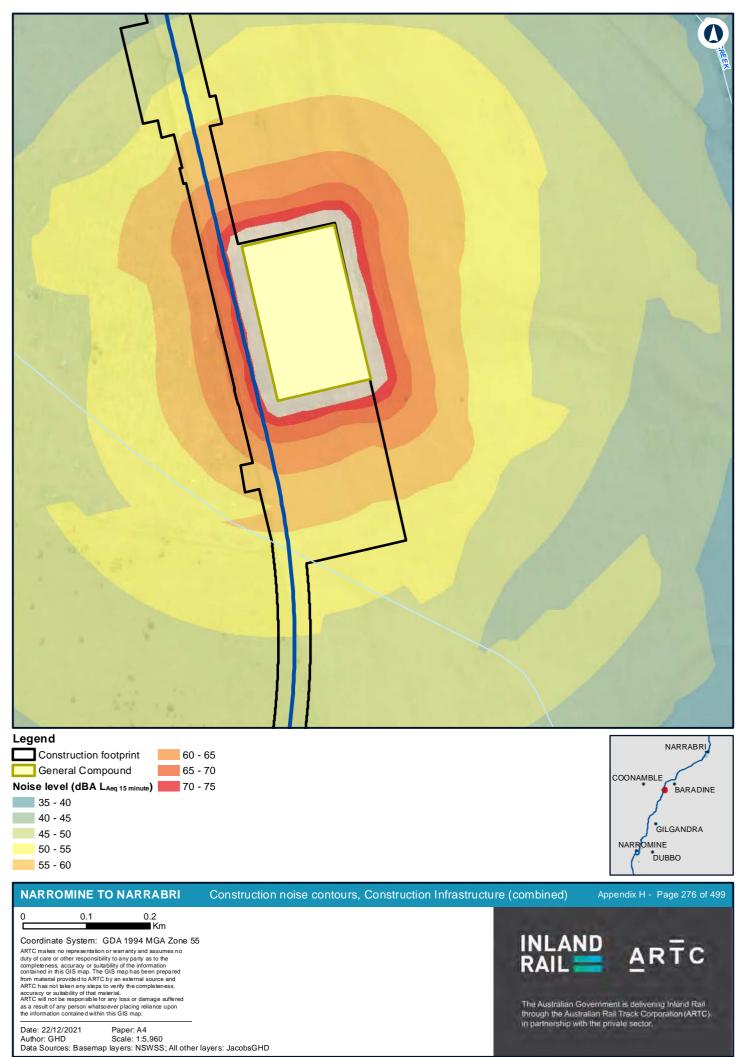


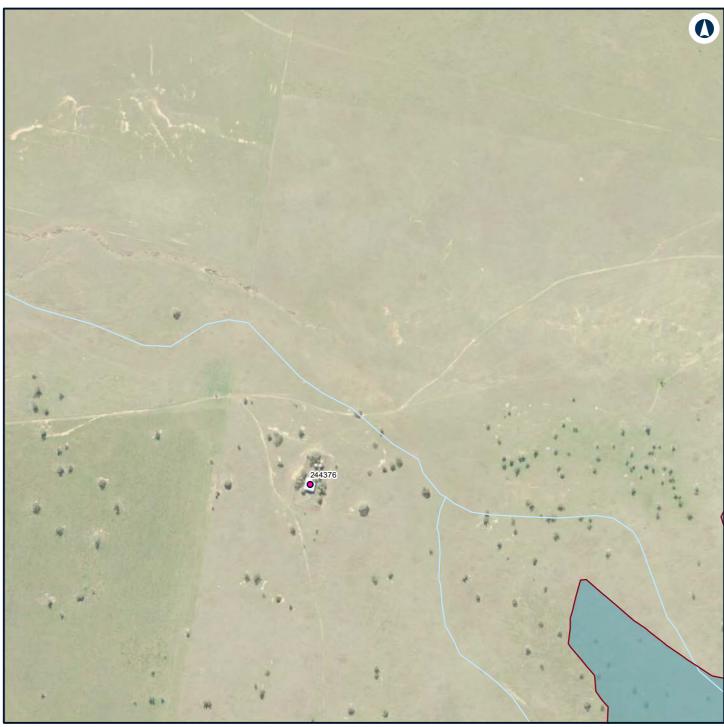












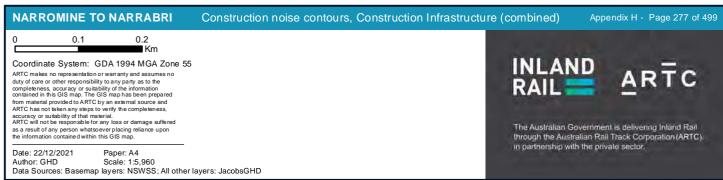
---- Night-time noise managment level

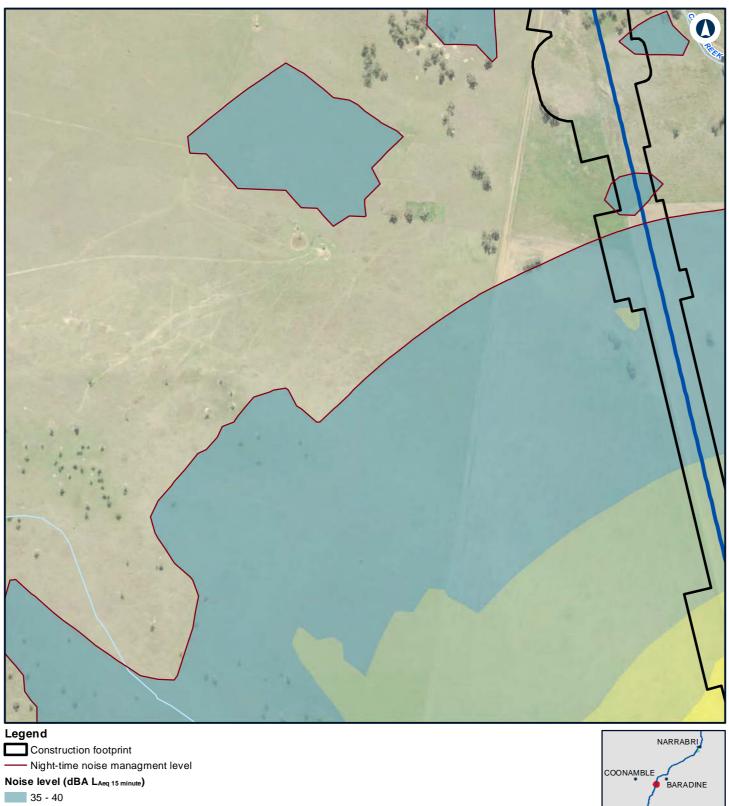
### Structure type

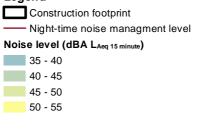
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

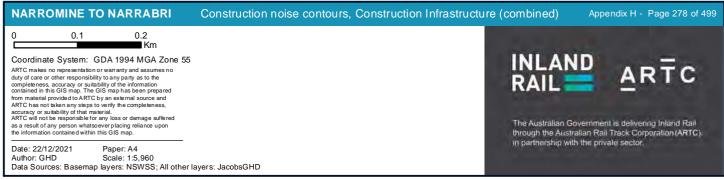


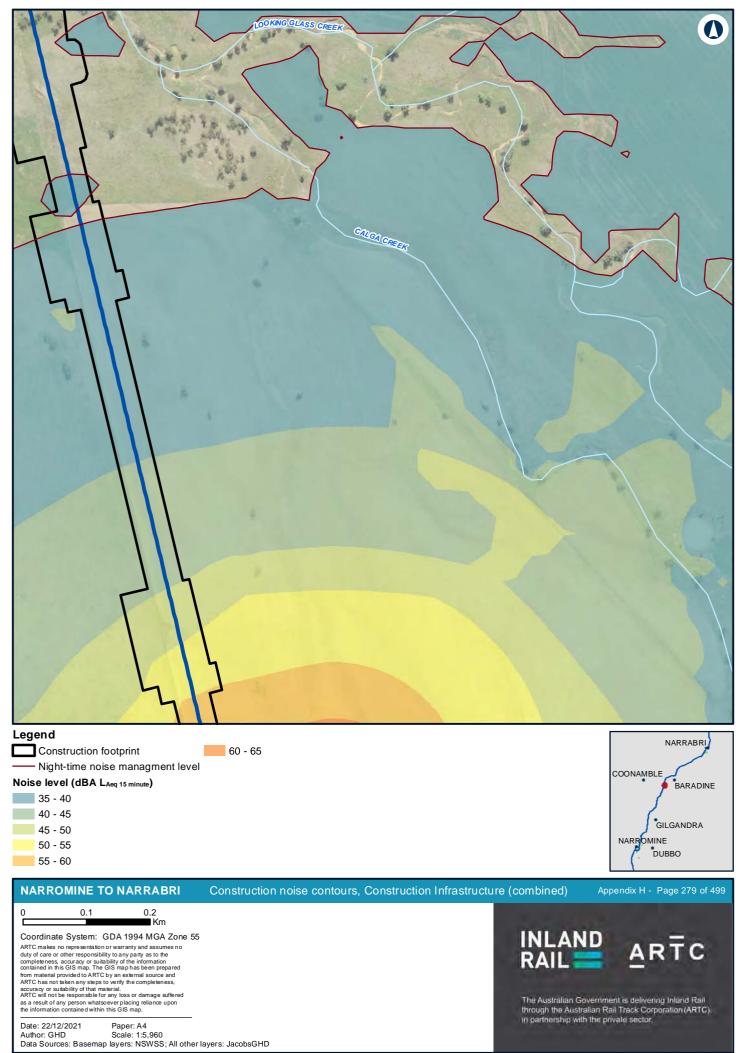


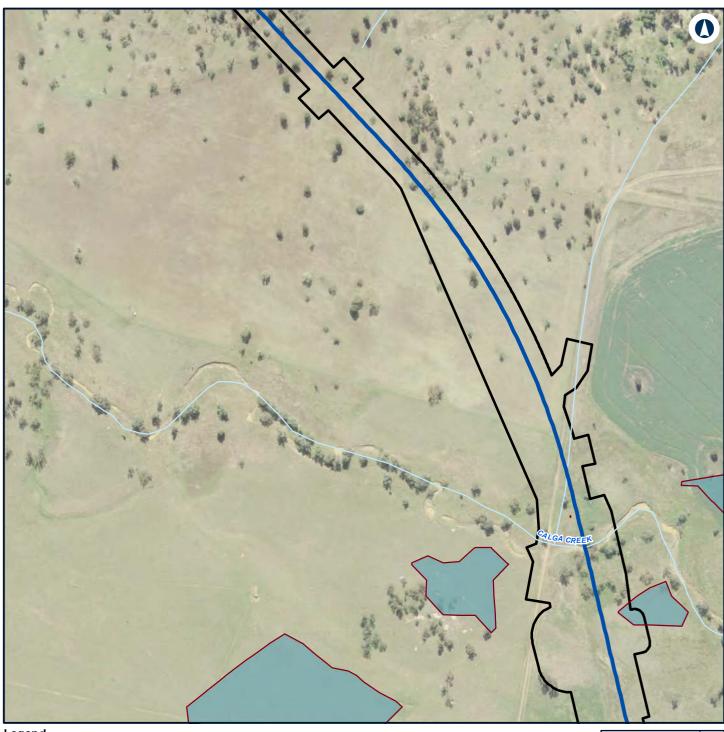










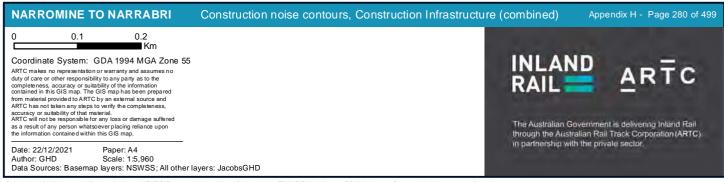


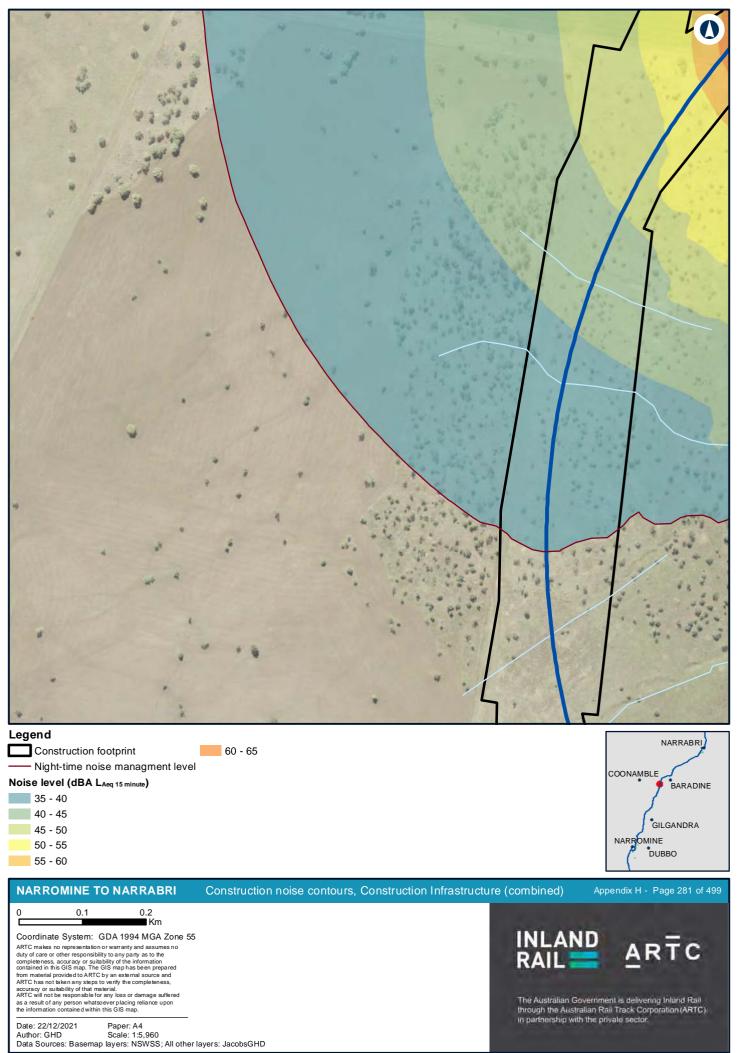
Construction footprint

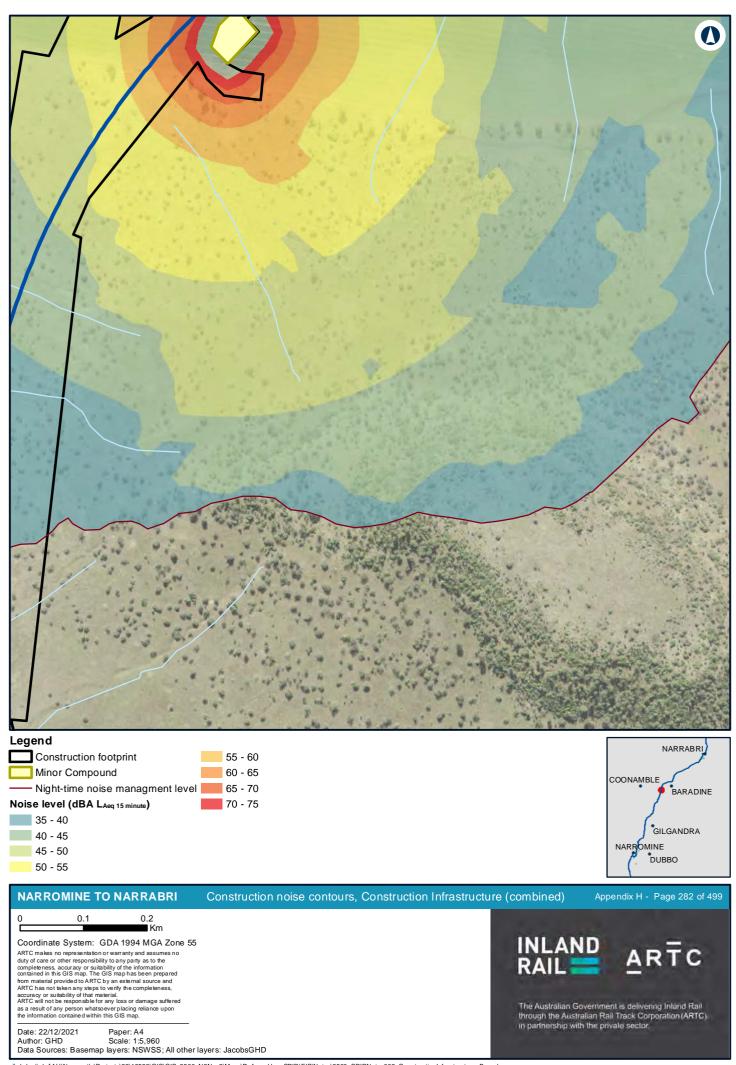
Night-time noise managment level

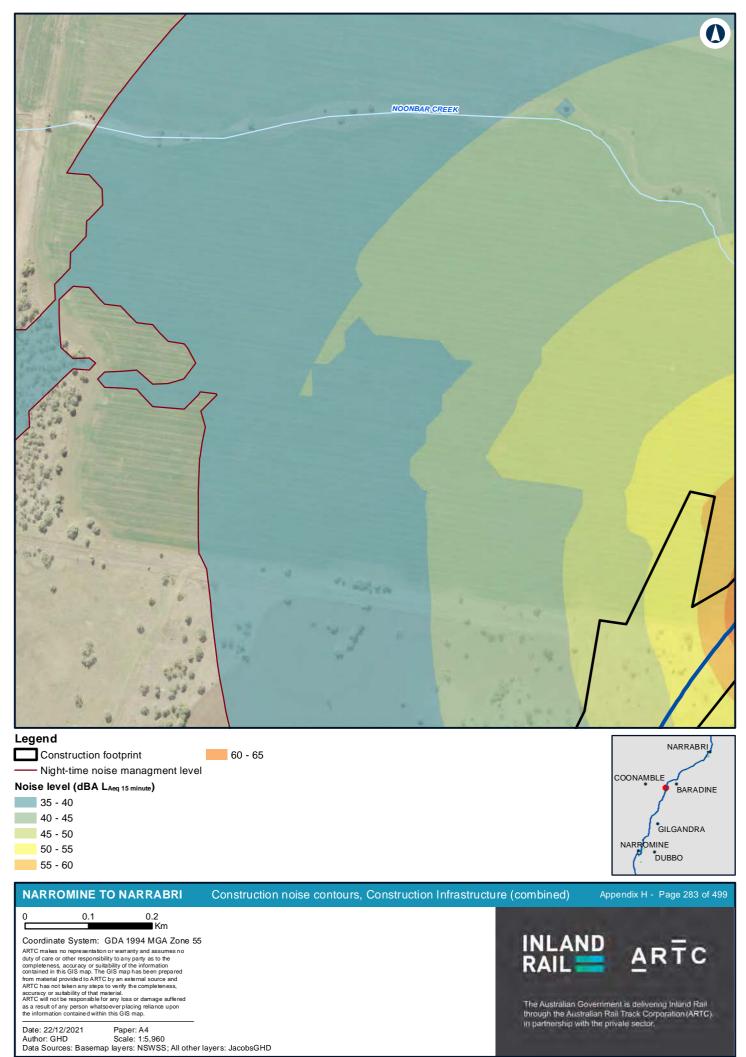
Noise level (dBA LAeq 15 minute)

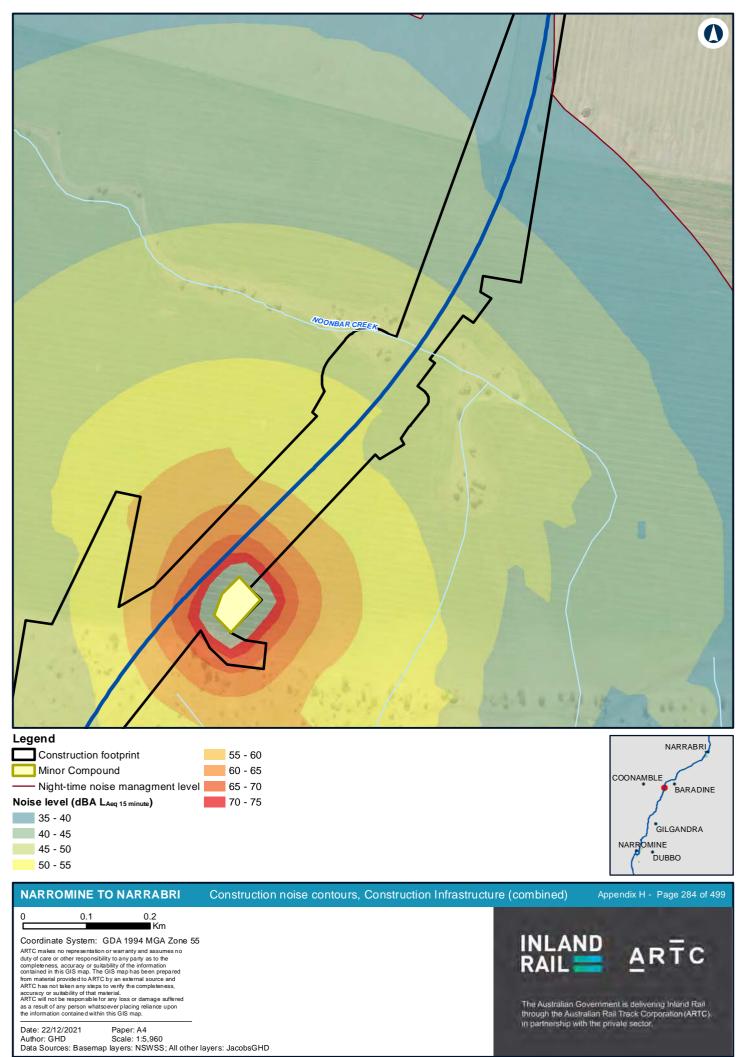














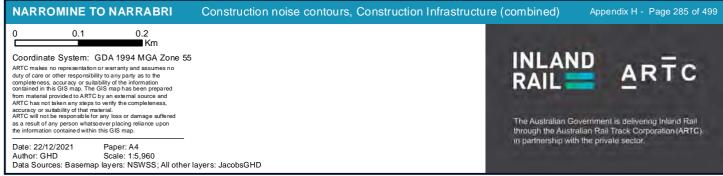
---- Night-time noise managment level

### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







Construction footprint

- Night-time noise managment level

### Structure type

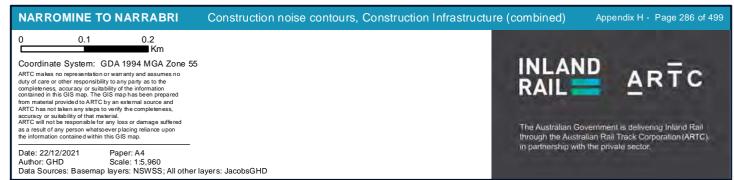
Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







---- Night-time noise managment level

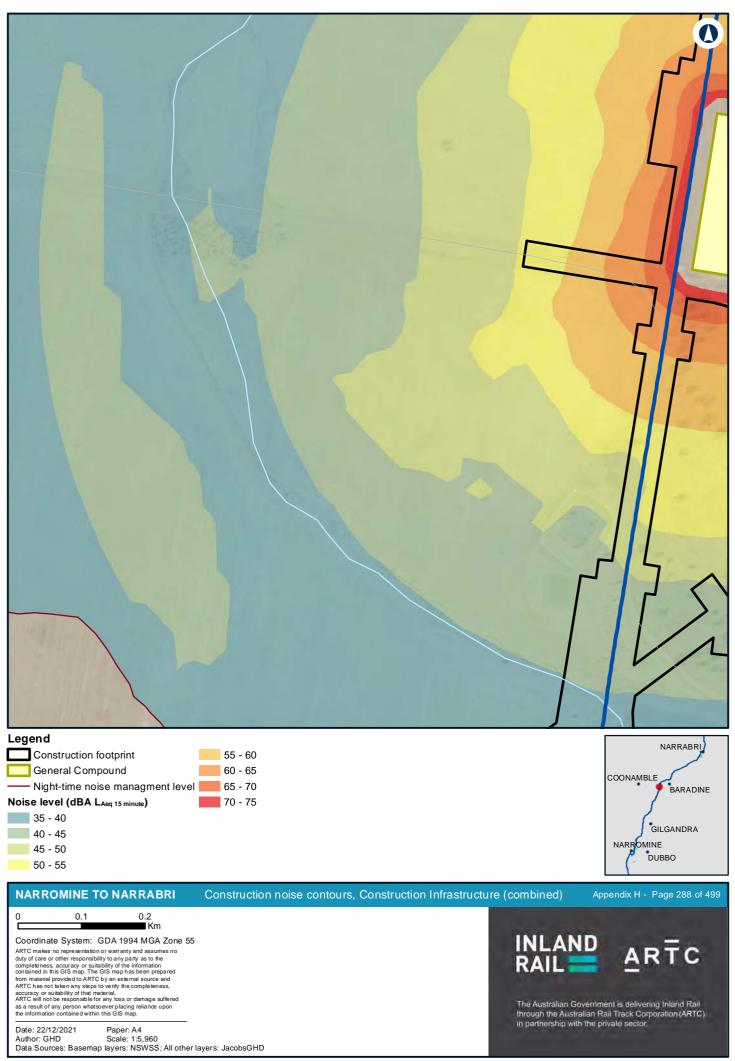
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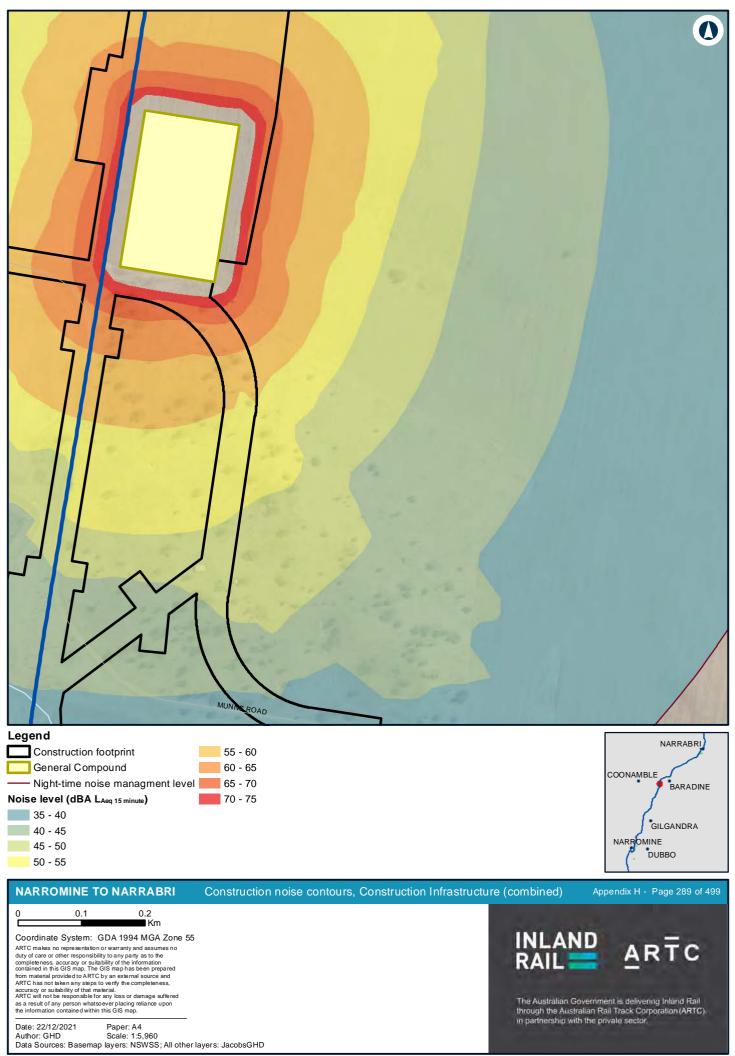
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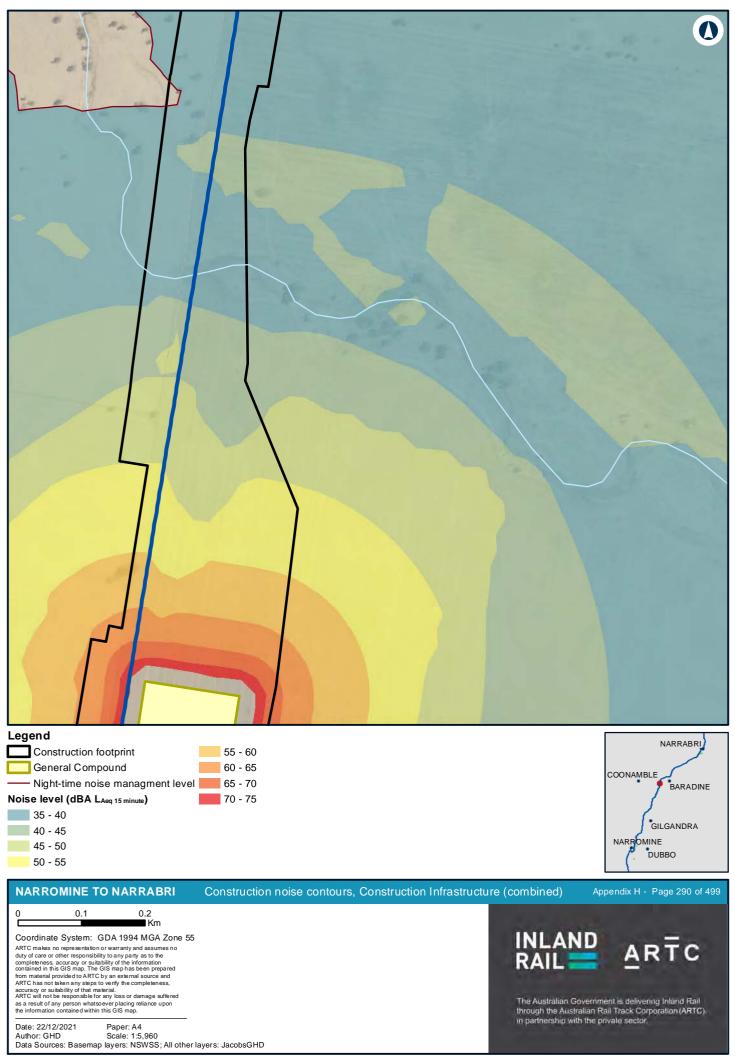
Noise level (dBA LAeq 15 minute)

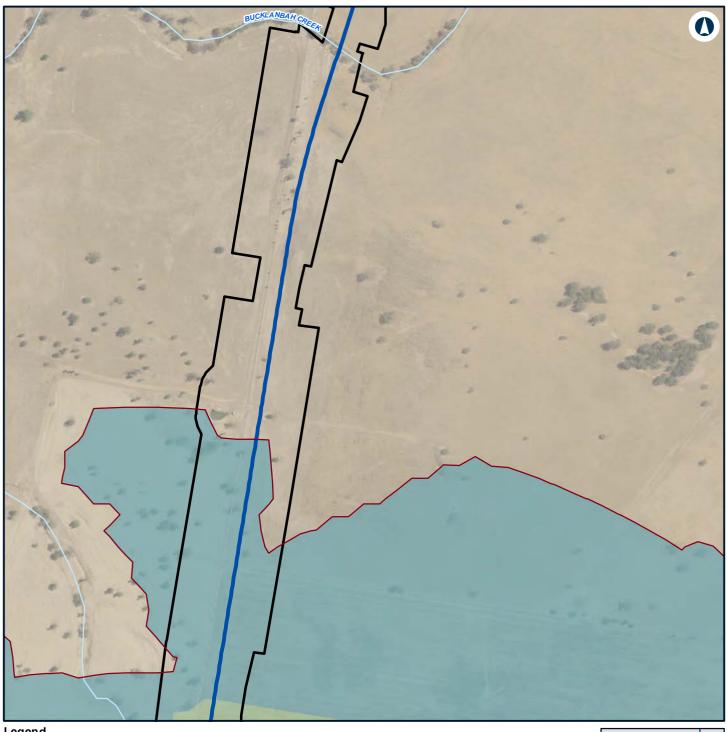












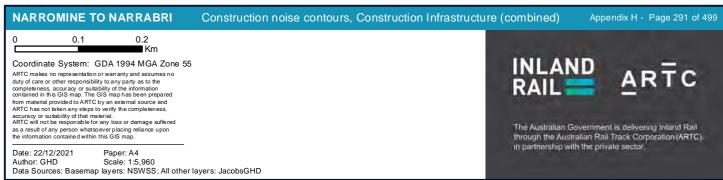
Construction footprint

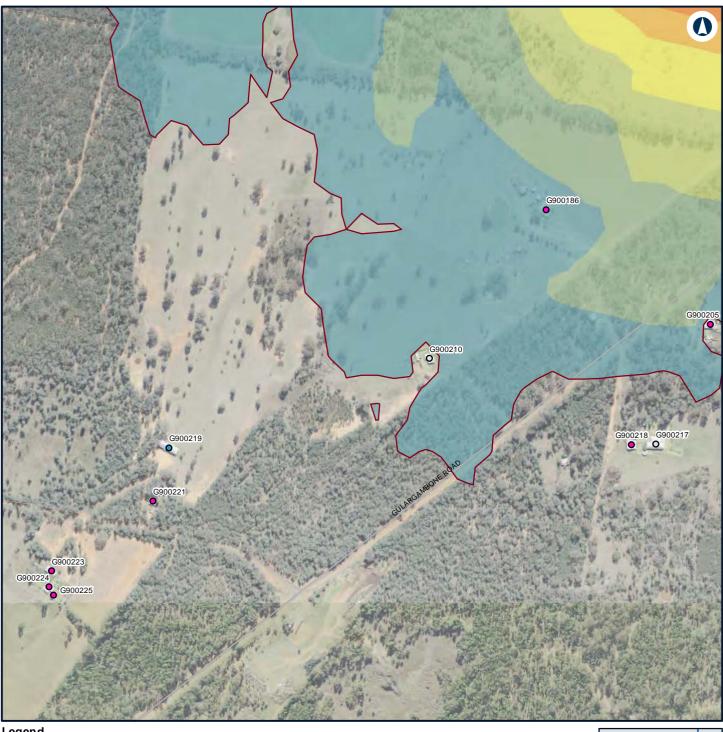
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







Night-time noise managment level 45 - 50

## Structure type

Active recreation

55 - 60 Commercial/Industrial 60 - 65

Residential

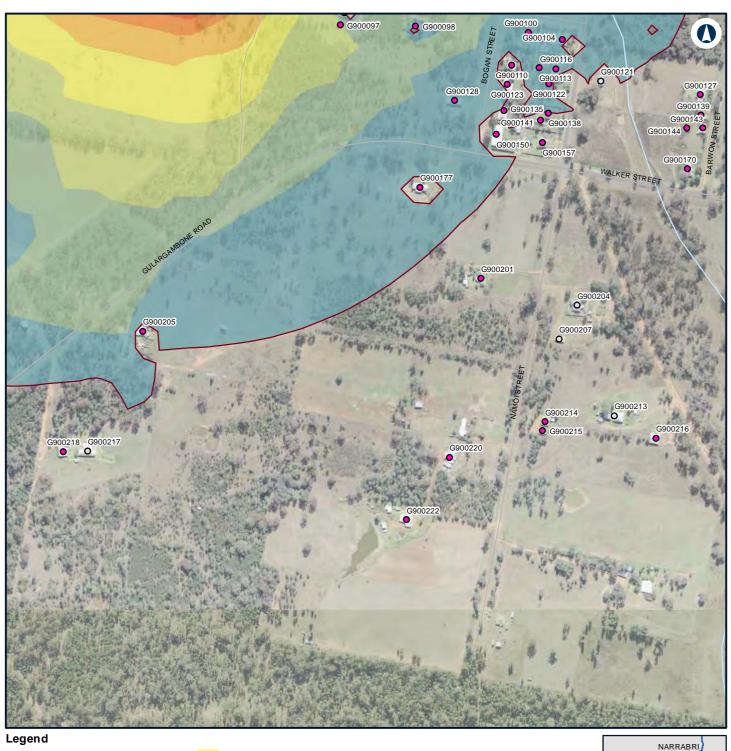
# Noise level (dBA $L_{\text{Aeq 15 minute}}$ )

35 - 40

40 - 45



## NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2 Km INLAND RAIL ARTC Coordinate System: GDA 1994 MGA Zone 55 COOTGINATE SYSTEM: GUA 1994 MGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing relaince upon the information contained within this GIS map. The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC) in partnership with the private sector. Paper: A4 Scale: 1:5,960 Date: 22/12/2021 Author: GHD Scale: 1:5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



50 - 55 Night-time noise managment level 55 - 60

Structure type

Commercial/Industrial 60 - 65

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

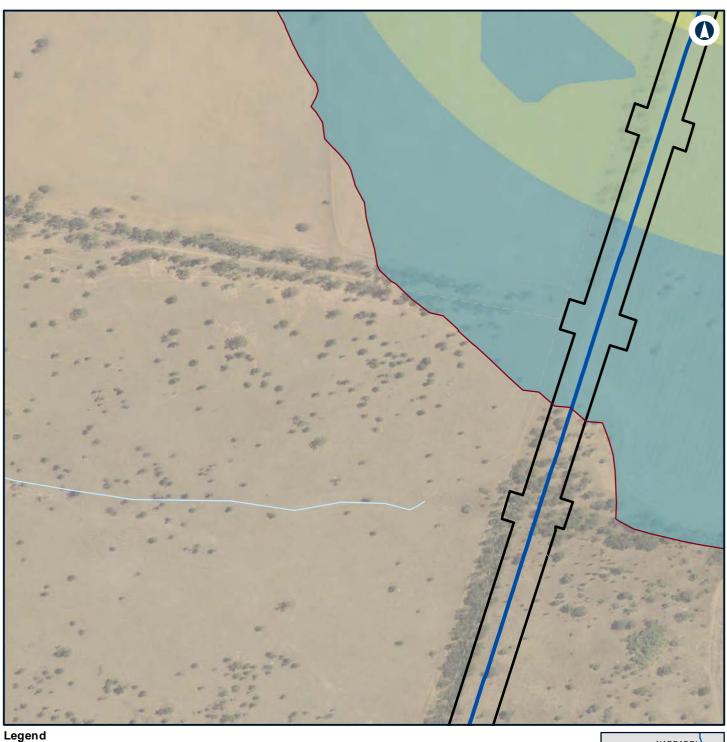
45 - 50

65 - 70 GILGANDRA NARROMINE DUBBO

COONAMBLE

BARADINE





Night-time noise managment level

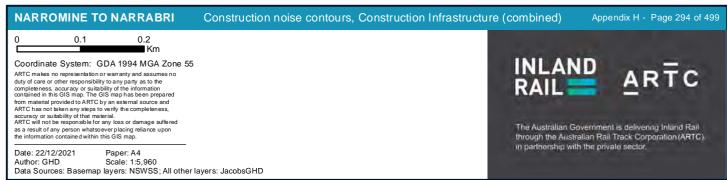
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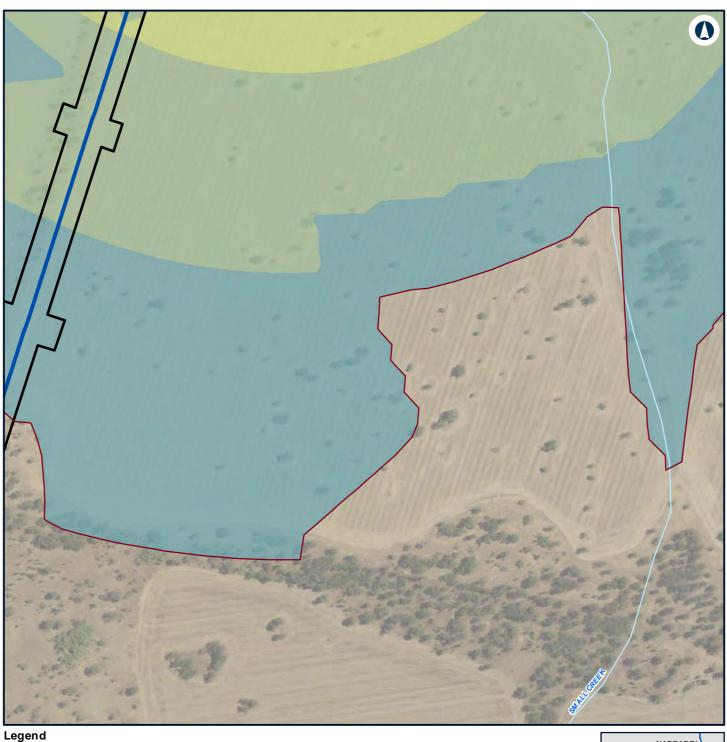
35 - 40

40 - 45

40 - 45

NARRABRI
COONAMBLE
BARADINE
GILGANDRA
NARROMINE
DUBBO





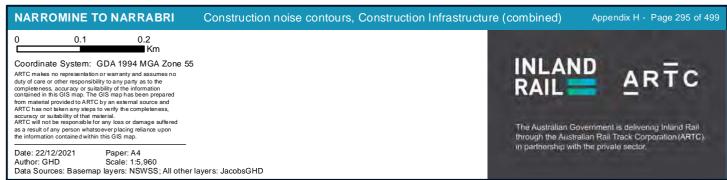
---- Night-time noise managment level

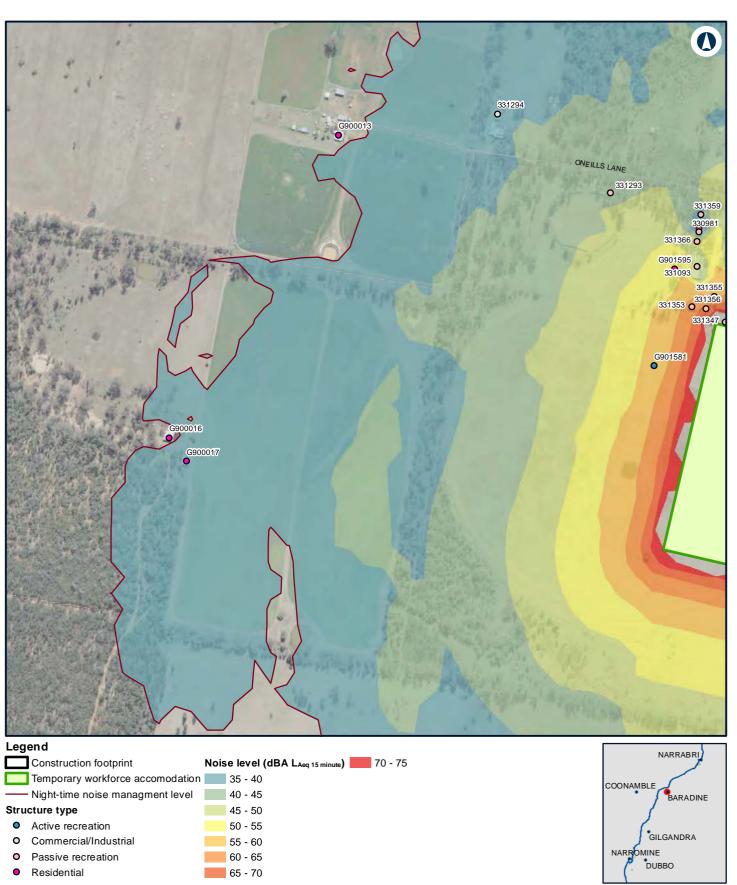
## Noise level (dBA LAeq 15 minute)

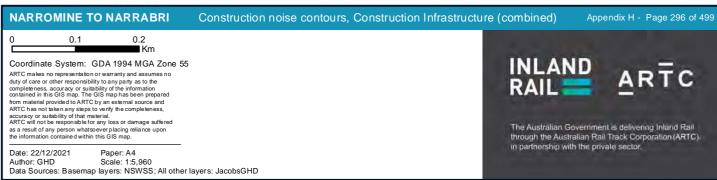
35 - 40

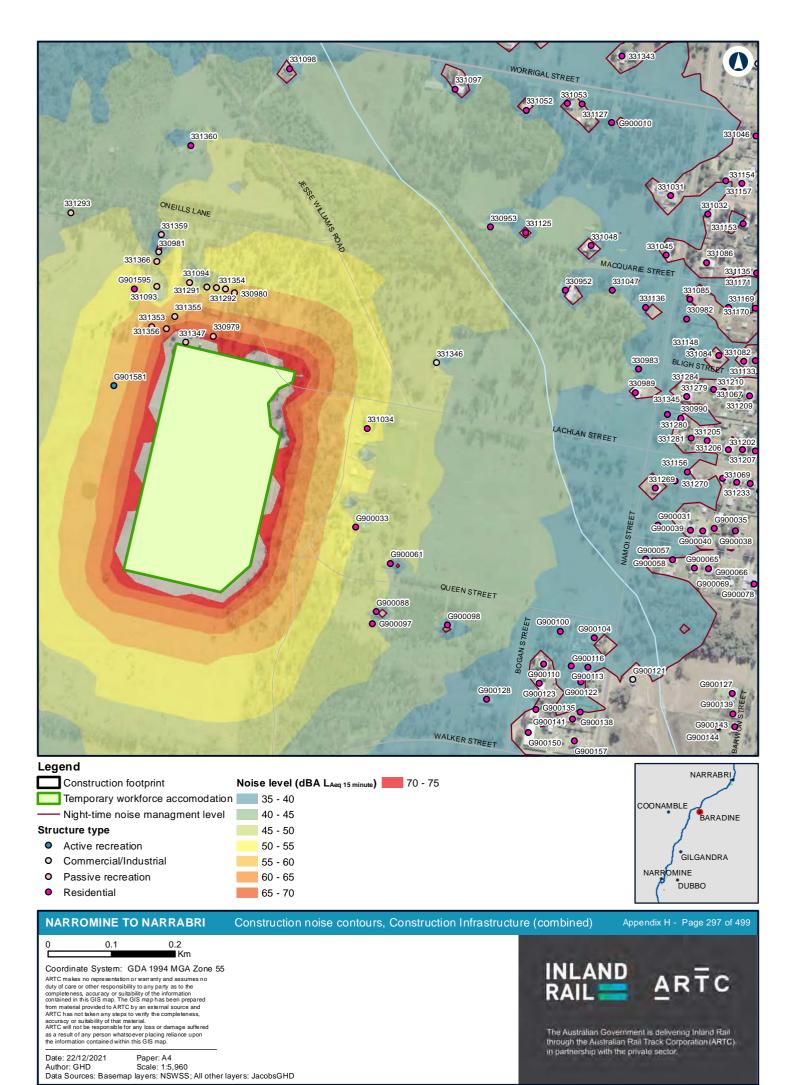
40 - 45

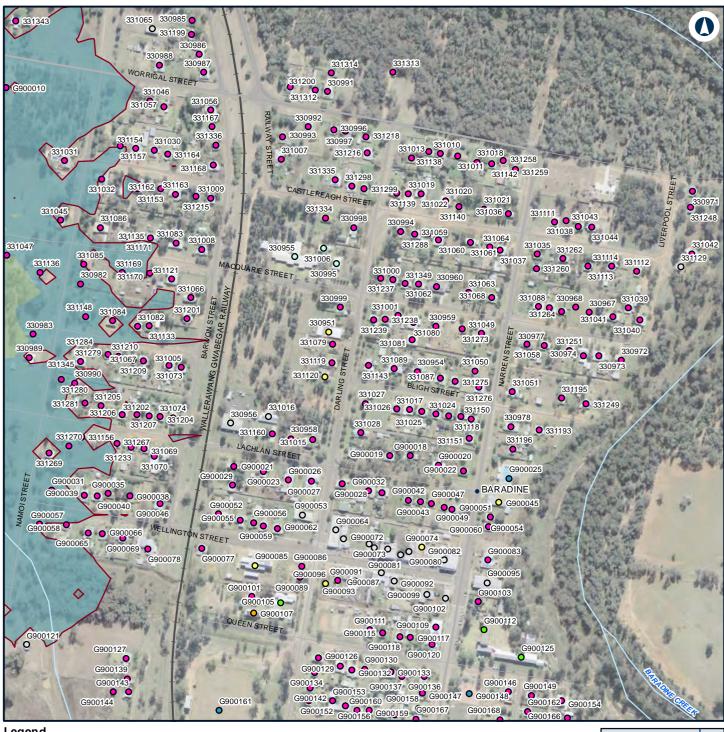










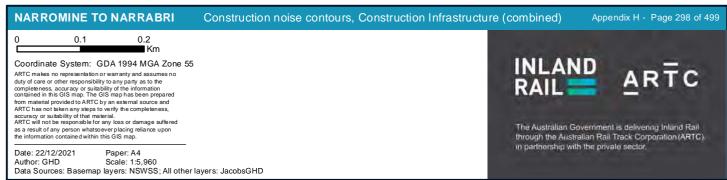


— Night-time noise managment level • Worship

#### Structure type

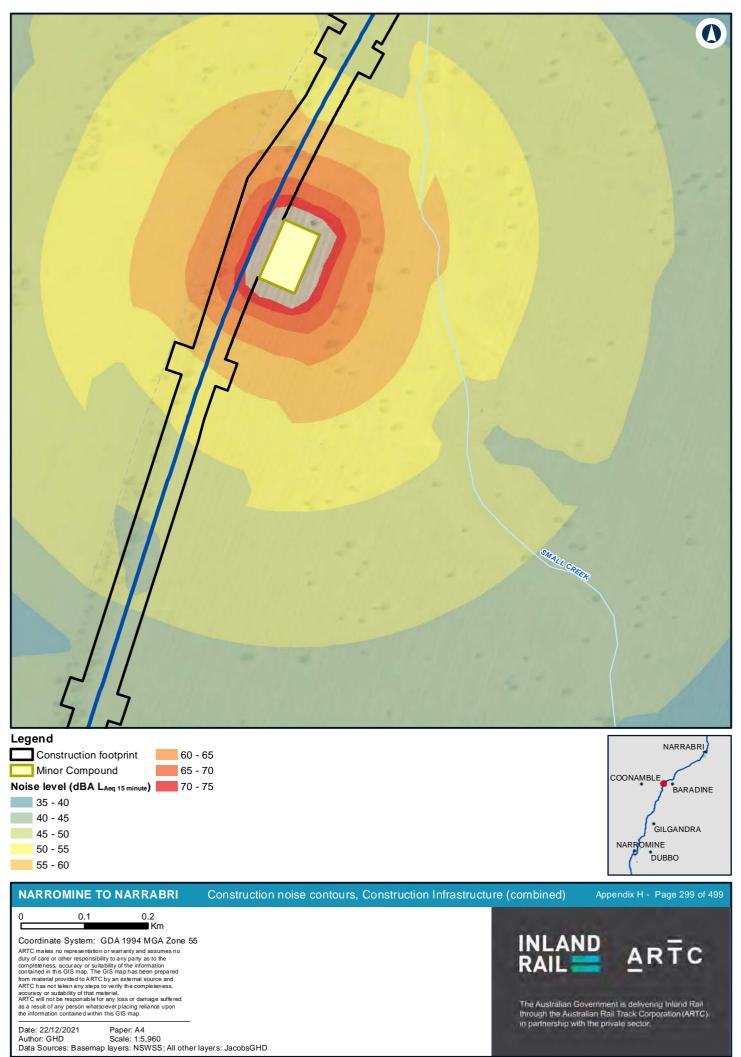
- Active recreation
- Commercial/Industrial
- Community
- Educational
- Health
- Residential

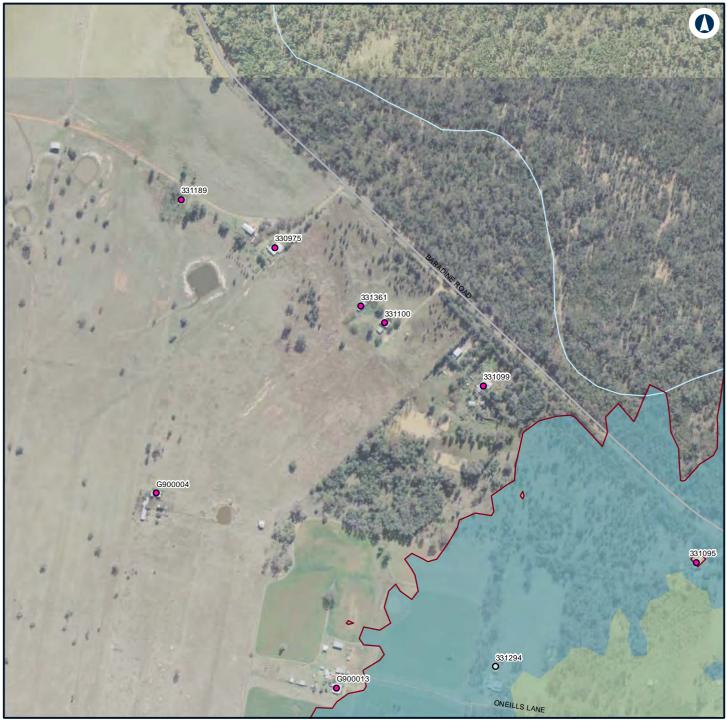




Noise level (dBA LAeq 15 minute)

35 - 40





---- Night-time noise managment level

## Structure type

- Commercial/Industrial
- Residential

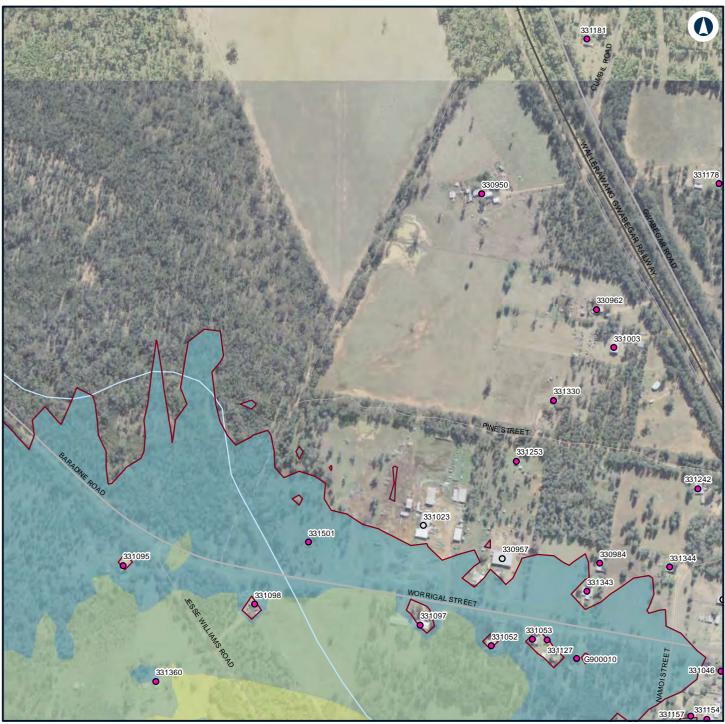
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







---- Night-time noise managment level

## Structure type

- Commercial/Industrial
- Residential

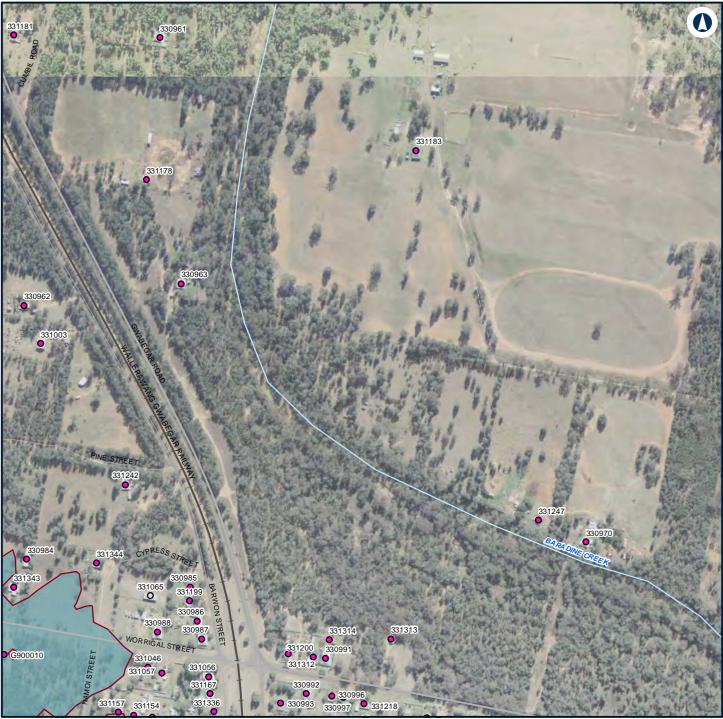
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







---- Night-time noise managment level

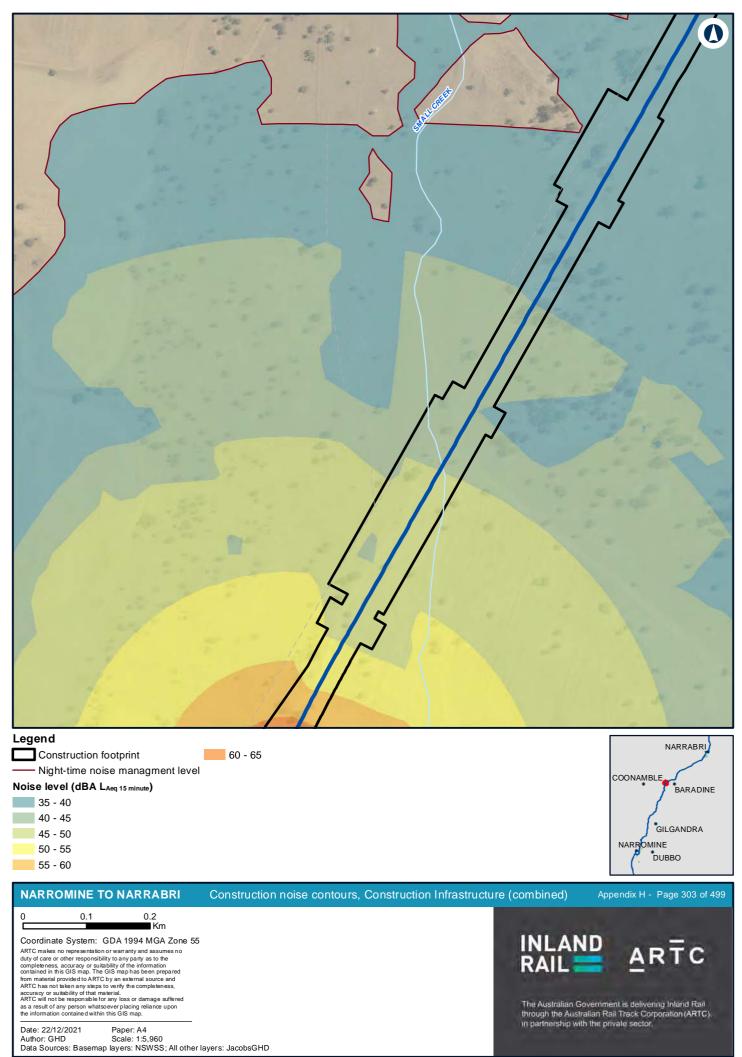
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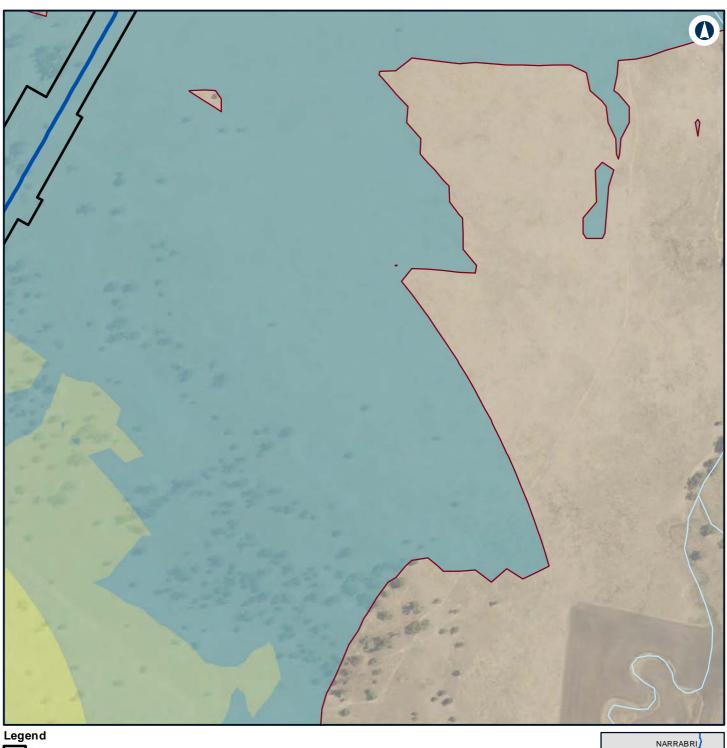
- O Commercial/Industrial
- Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)









---- Night-time noise managment level

## Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

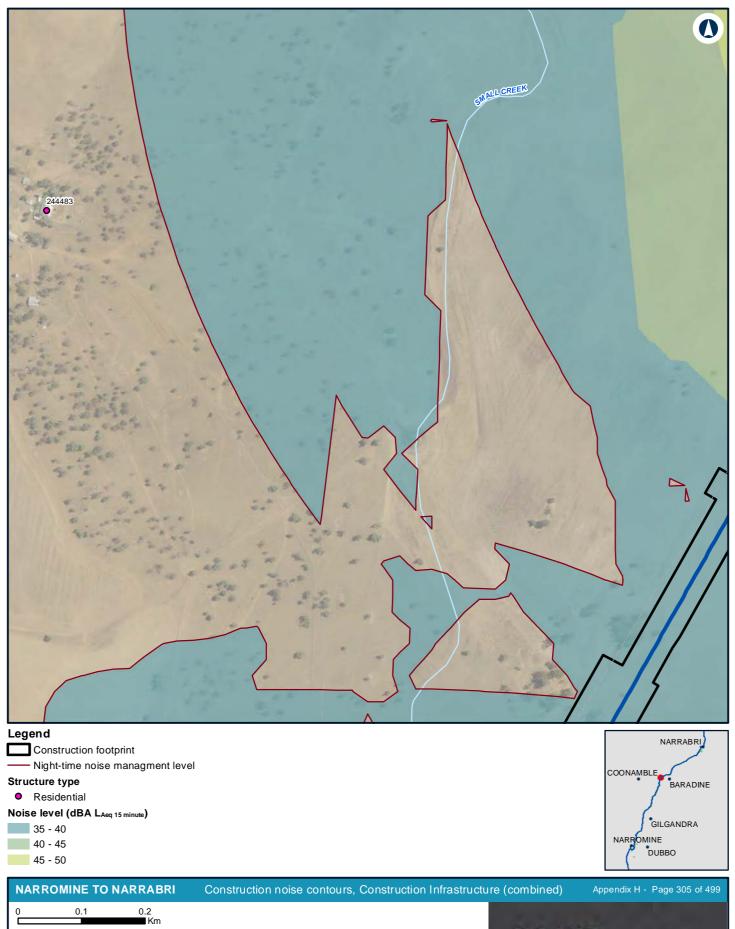
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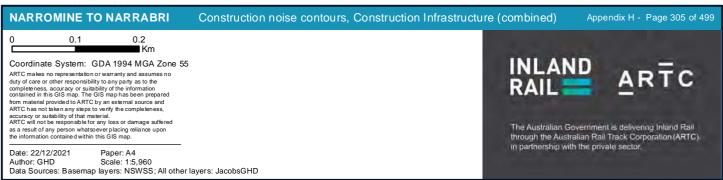
Appendix H - Page 304 of

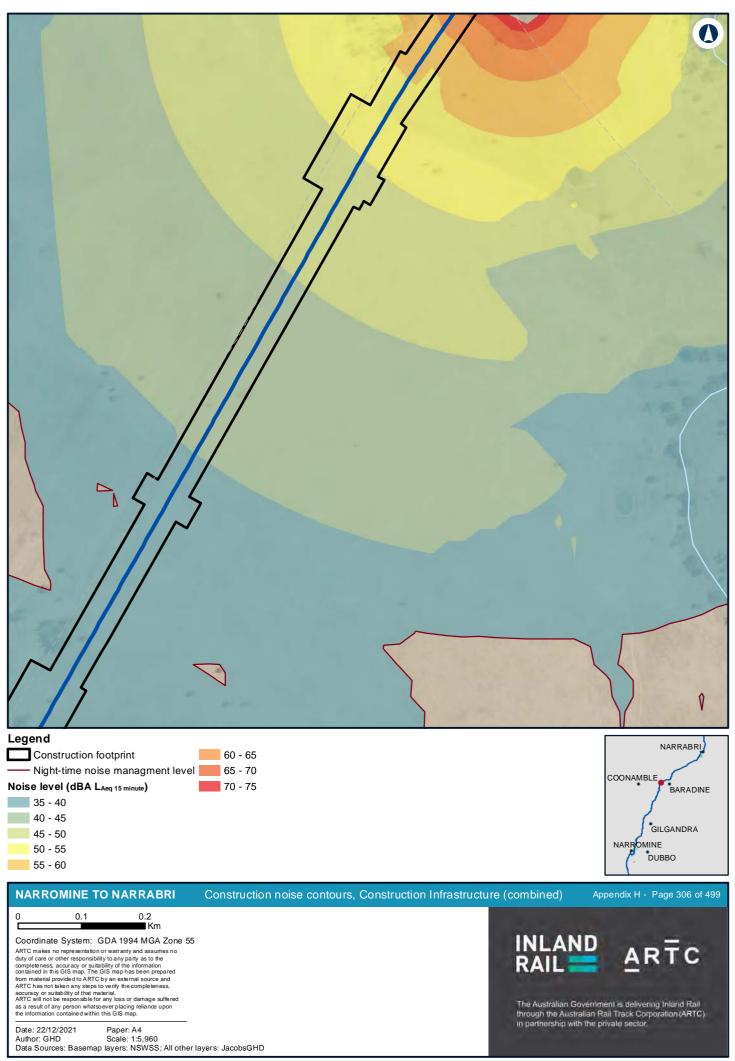
COONAMBLE

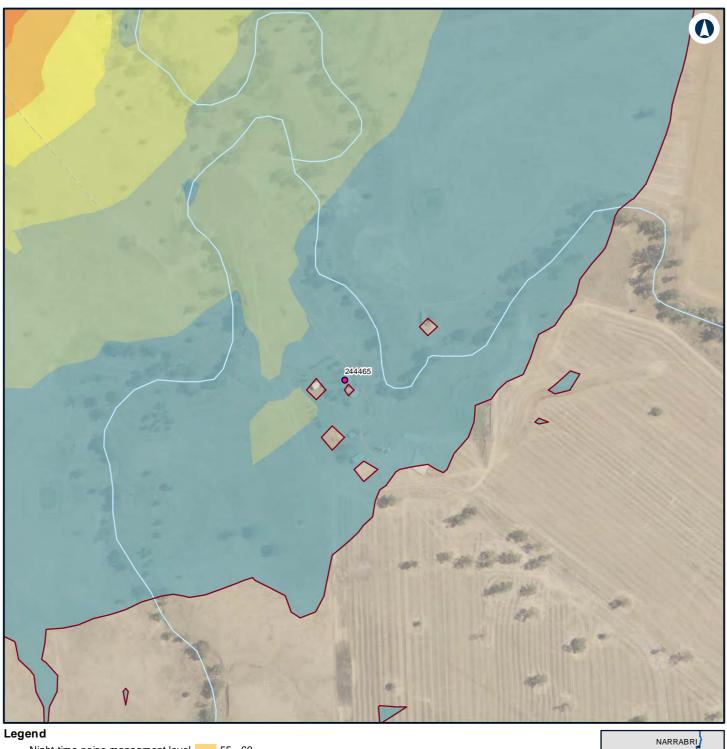
BARADINE











 Night-time noise managment level 55 - 60

Structure type

60 - 65

Residential

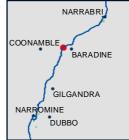
Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55



## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

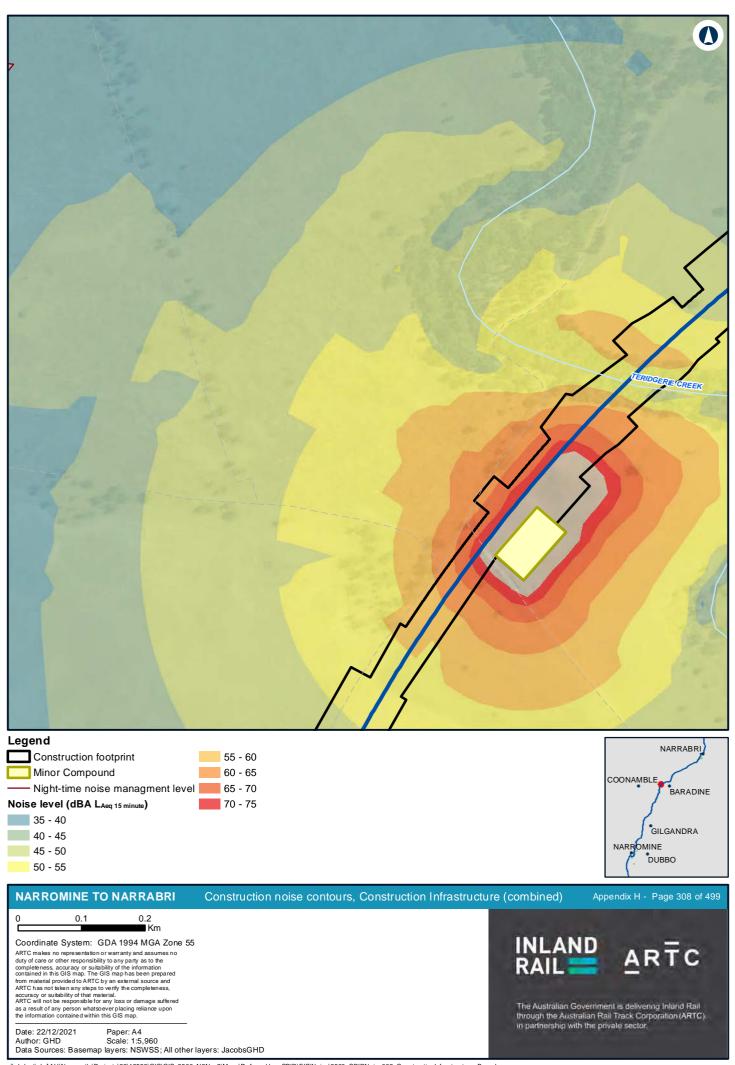
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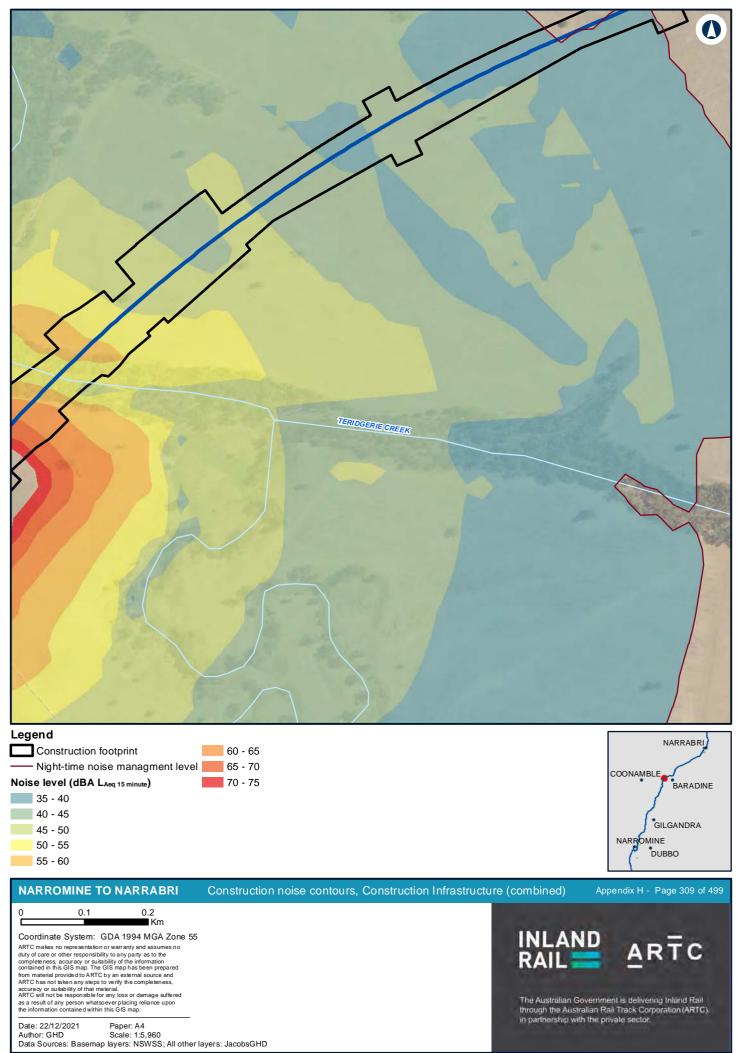
Date: 22/12/2021

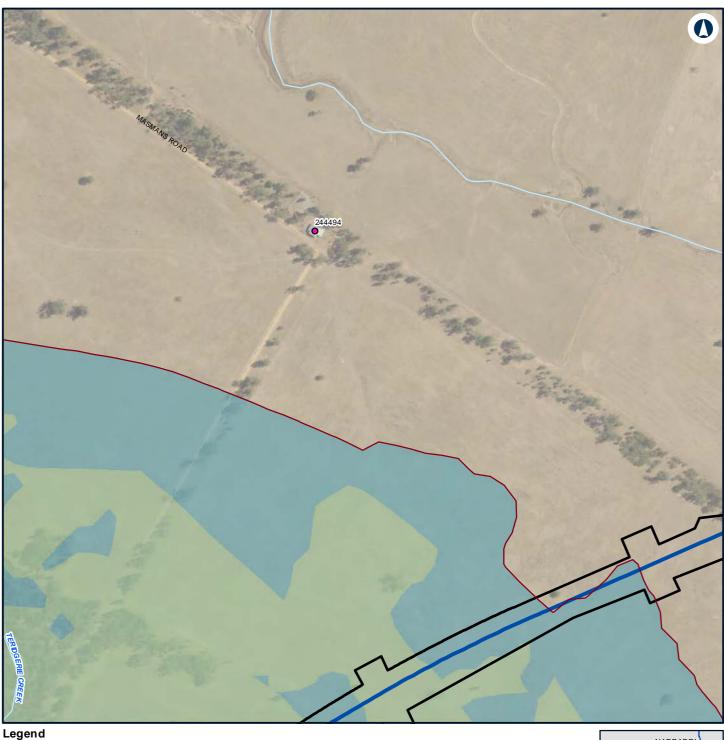
Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

INLAND RAIL ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector.







- Night-time noise managment level

## Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50





0.2

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

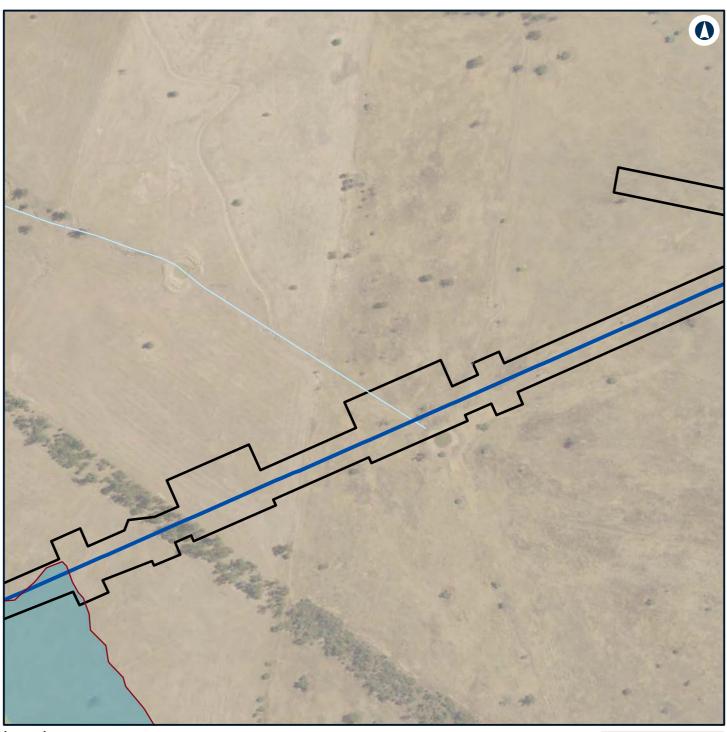
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

NARROMINE TO NARRABRI

Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

Paper: A4 Scale: 1:5,960

Construction noise contours, Construction Infrastructure (combined) INLAND ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC) in partnership with the private sector.



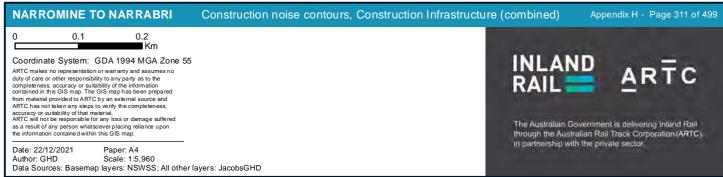
Construction footprint

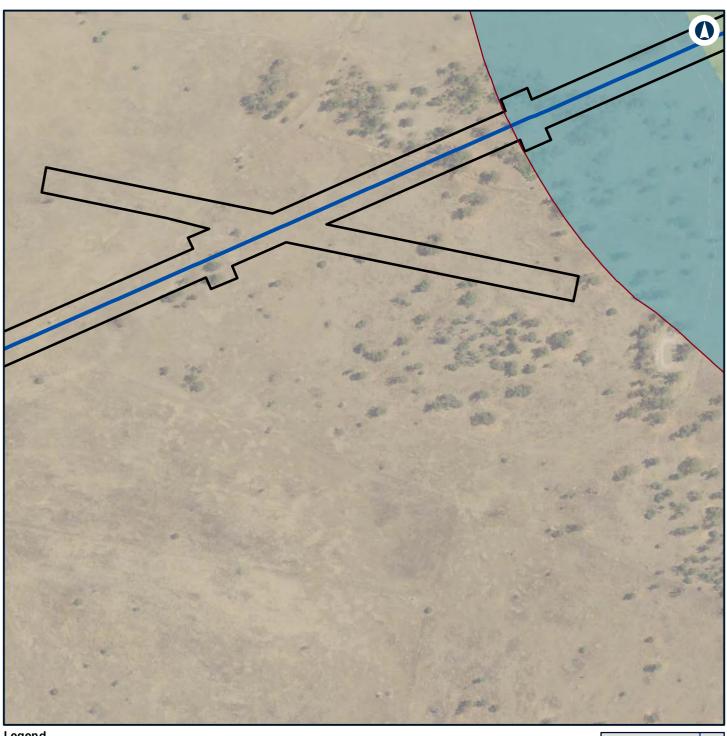
---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40









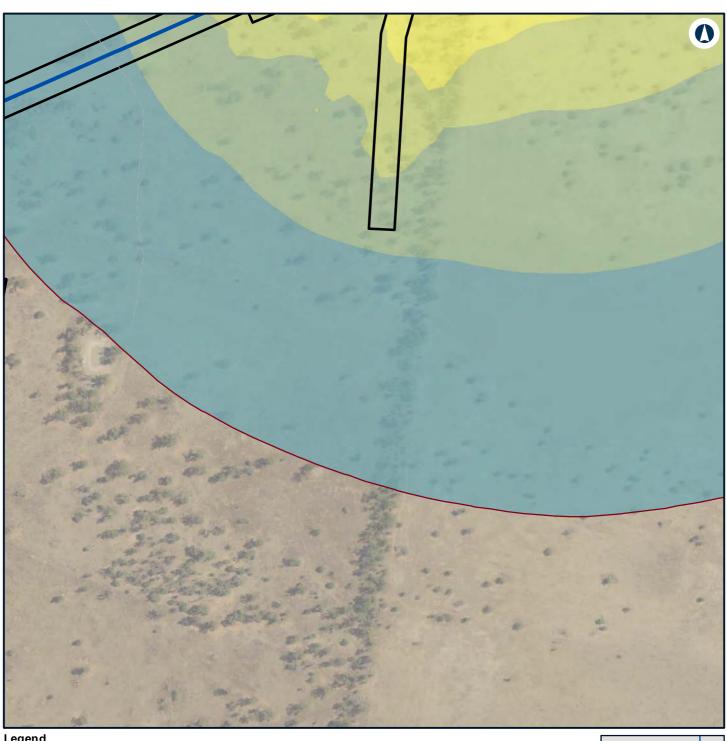
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40









Night-time noise managment level

## Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

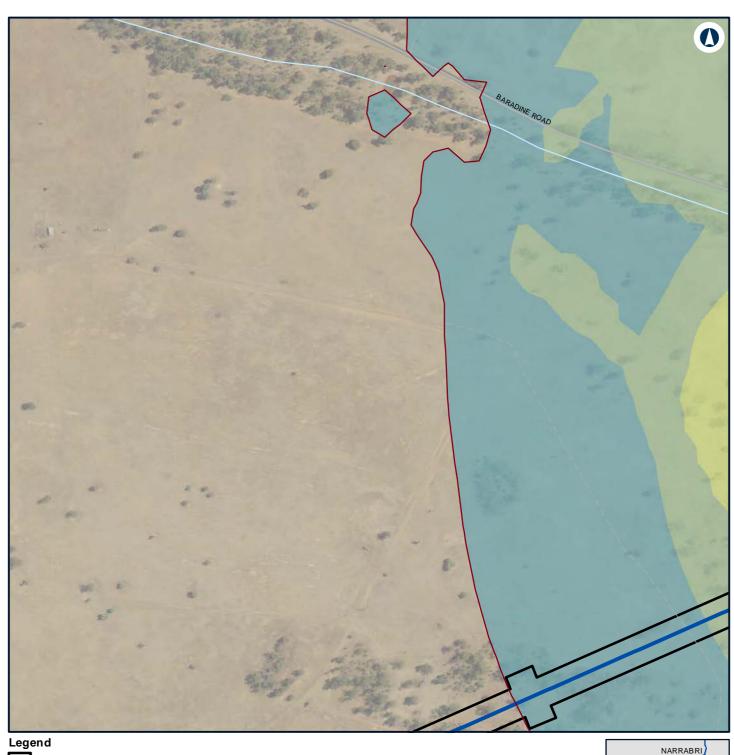
50 - 55

55 - 60



# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2 INLAND RAIL ARTC Coordinate System: GDA 1994 MGA Zone 55 COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Paper: A4 Scale: 1:5,960 Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC) in partnership with the private sector.



---- Night-time noise managment level

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50

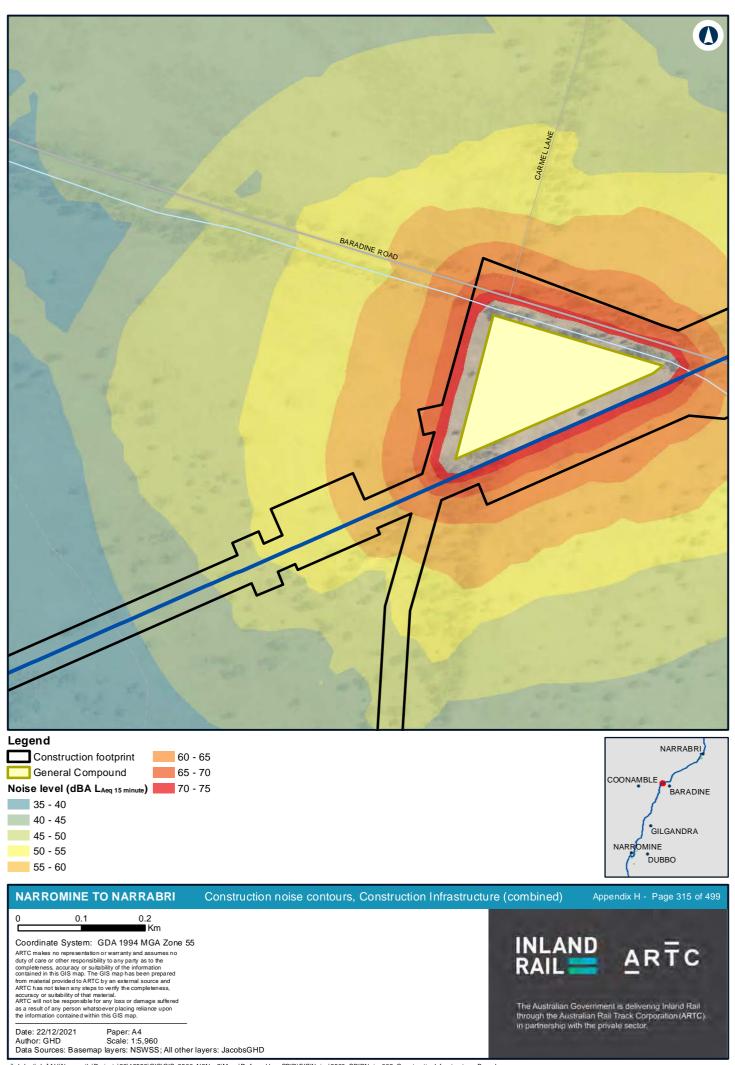
COONAMBLE BARADINE

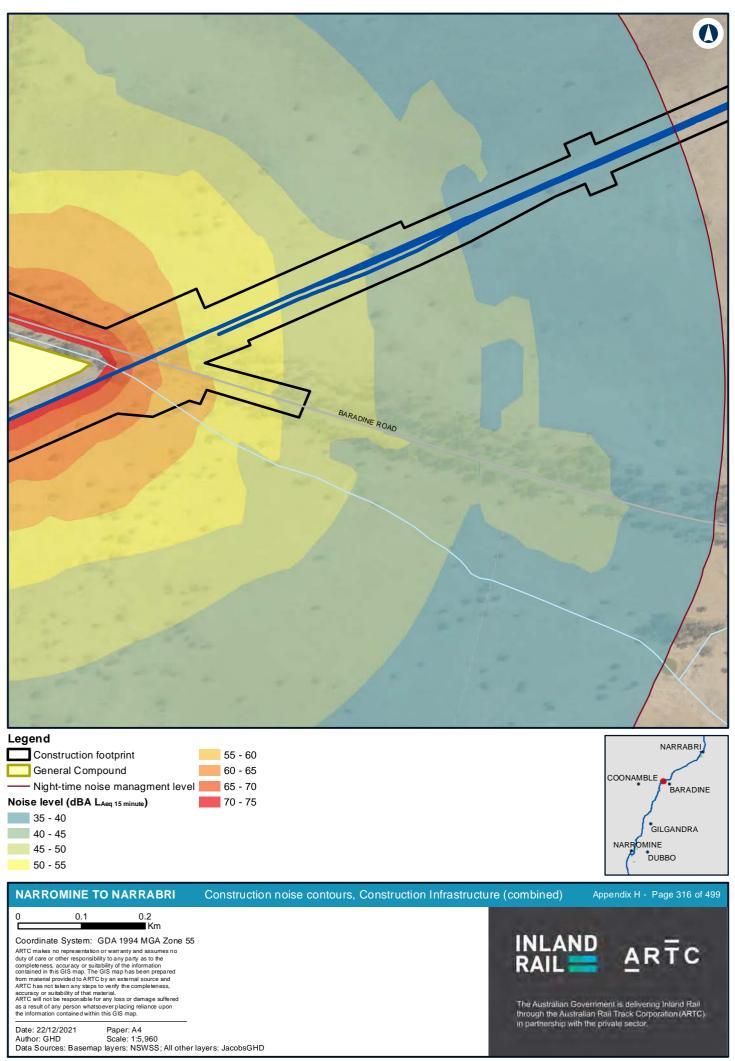
GILGANDRA

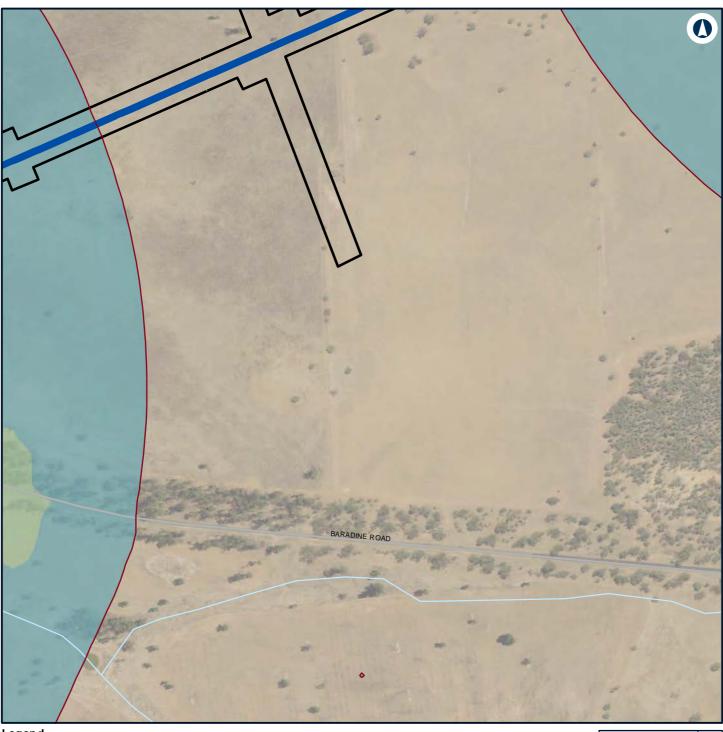
NARROMINE

DUBBO

# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) O 0.1 0.2 Km Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not take any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. Date: 22/12/2021 Paper: A4 Author: GHD Scale: 1.5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD







Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)

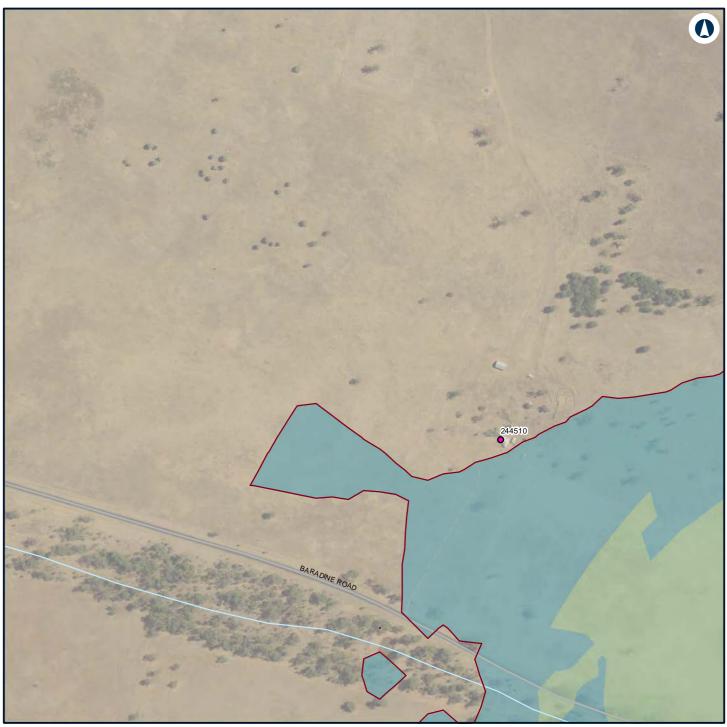
35 - 40

40 - 45

COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

NARRABRI

## NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2 INLAND RAIL ARTC Coordinate System: GDA 1994 MGA Zone 55 COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector. Paper: A4 Scale: 1:5,960 Date: 22/12/2021 Author: GHD Scale: 1:5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



---- Night-time noise managment level

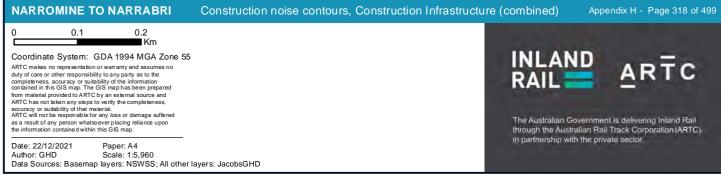
## Structure type

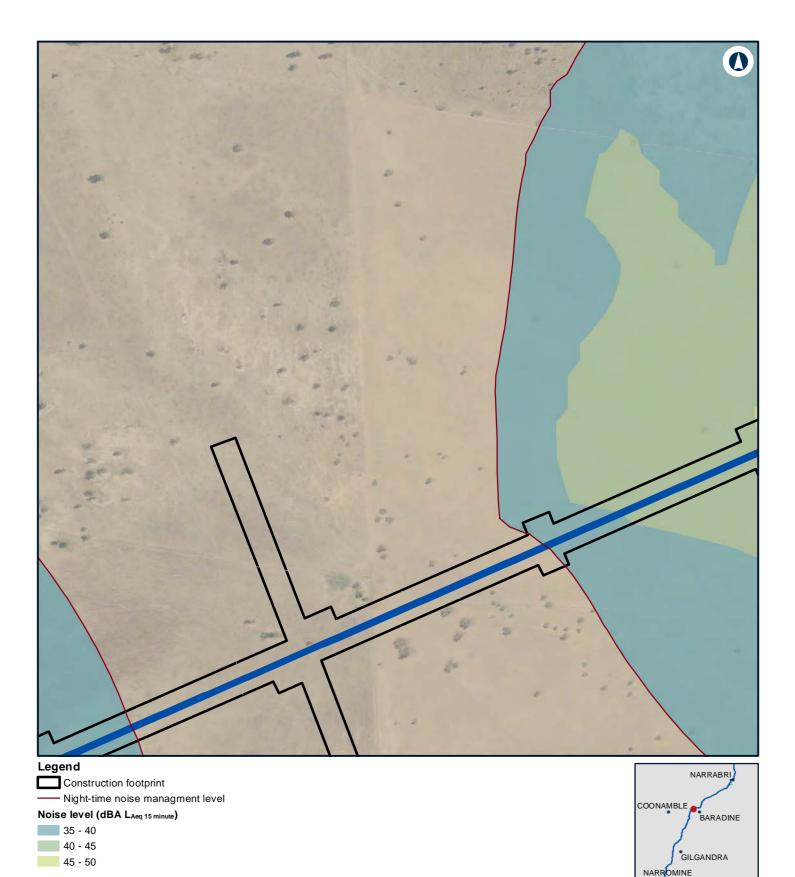
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

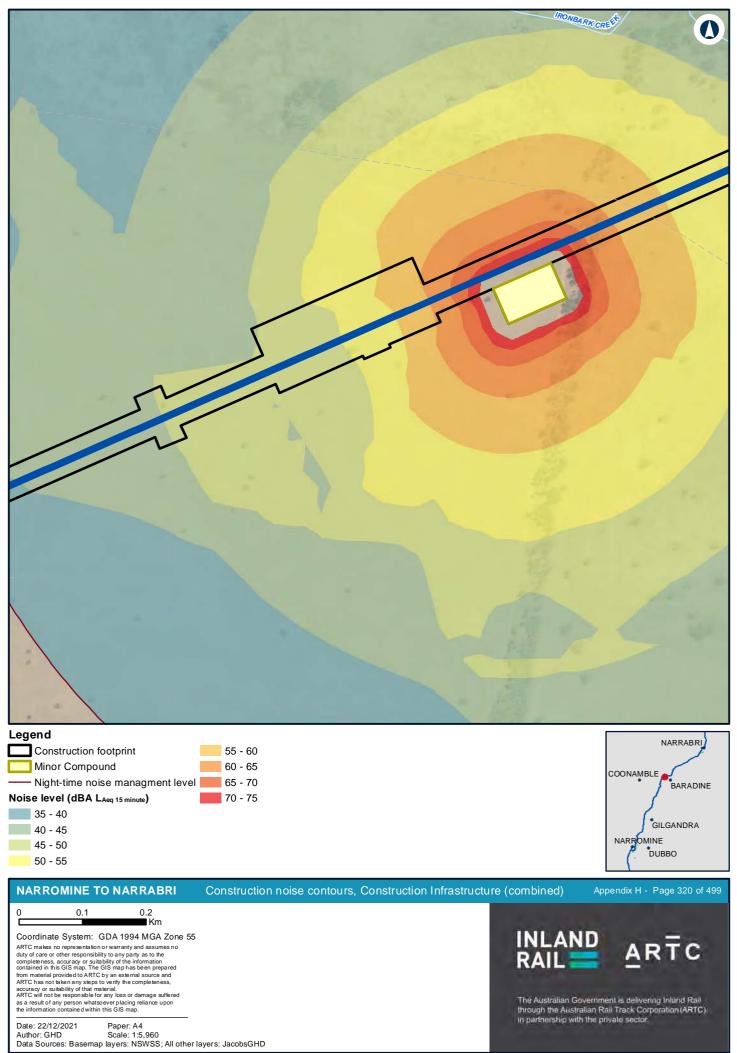


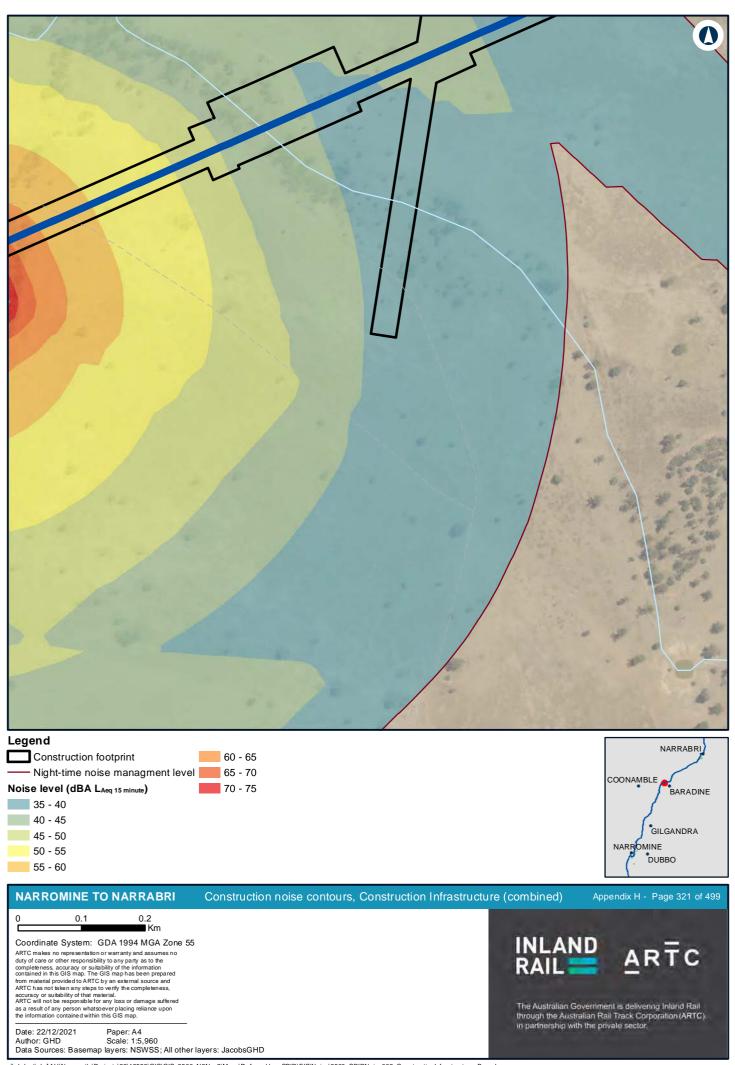






DUBBO







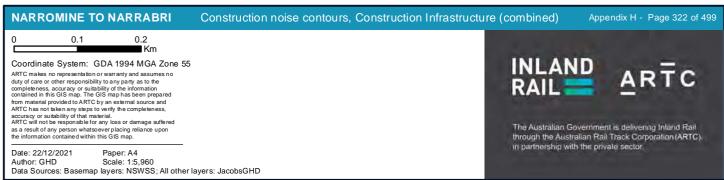
---- Night-time noise managment level

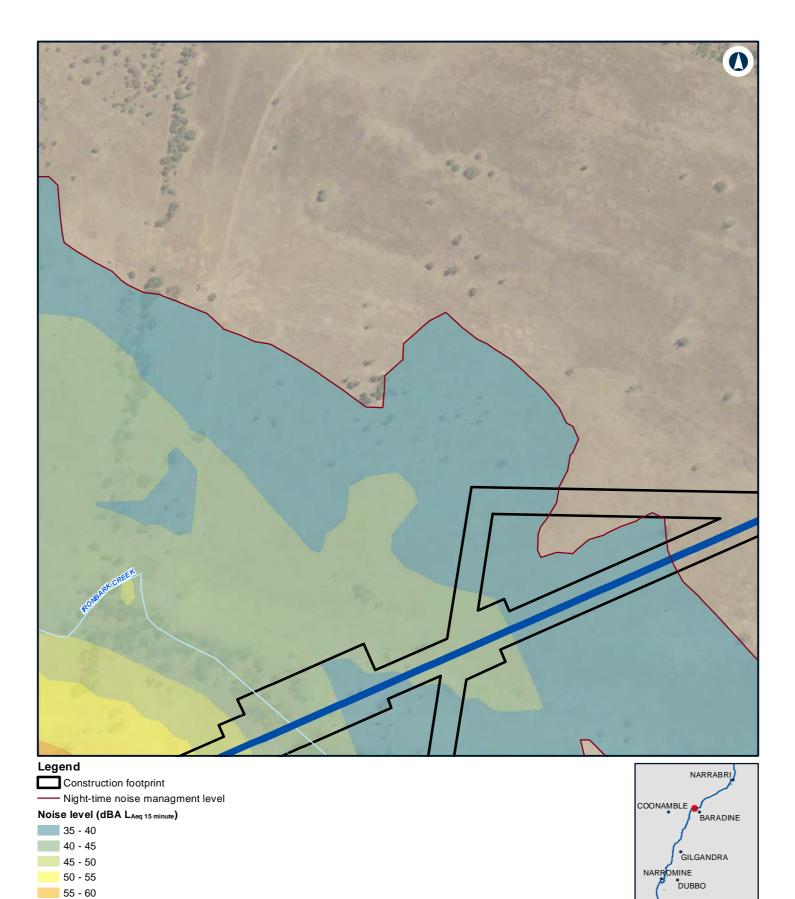
## Structure type

Residential

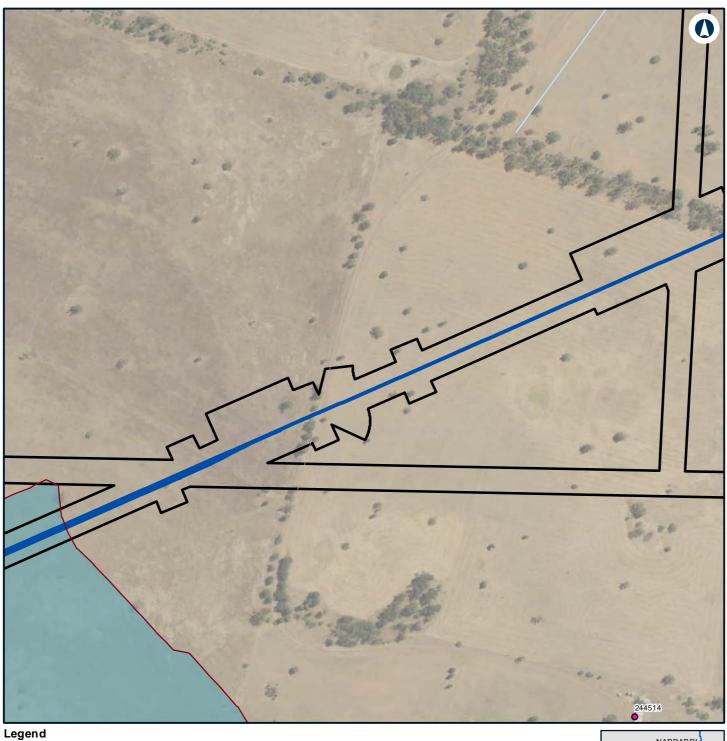
Noise level (dBA L<sub>Aeq 15 minute</sub>)











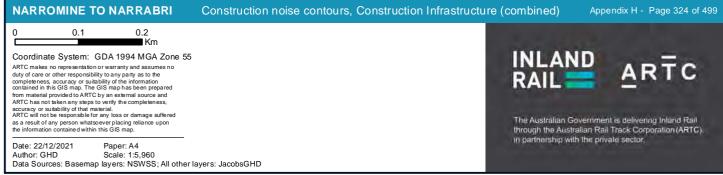
— Night-time noise managment level

# Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







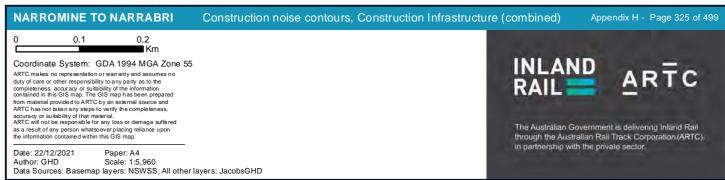
---- Night-time noise managment level

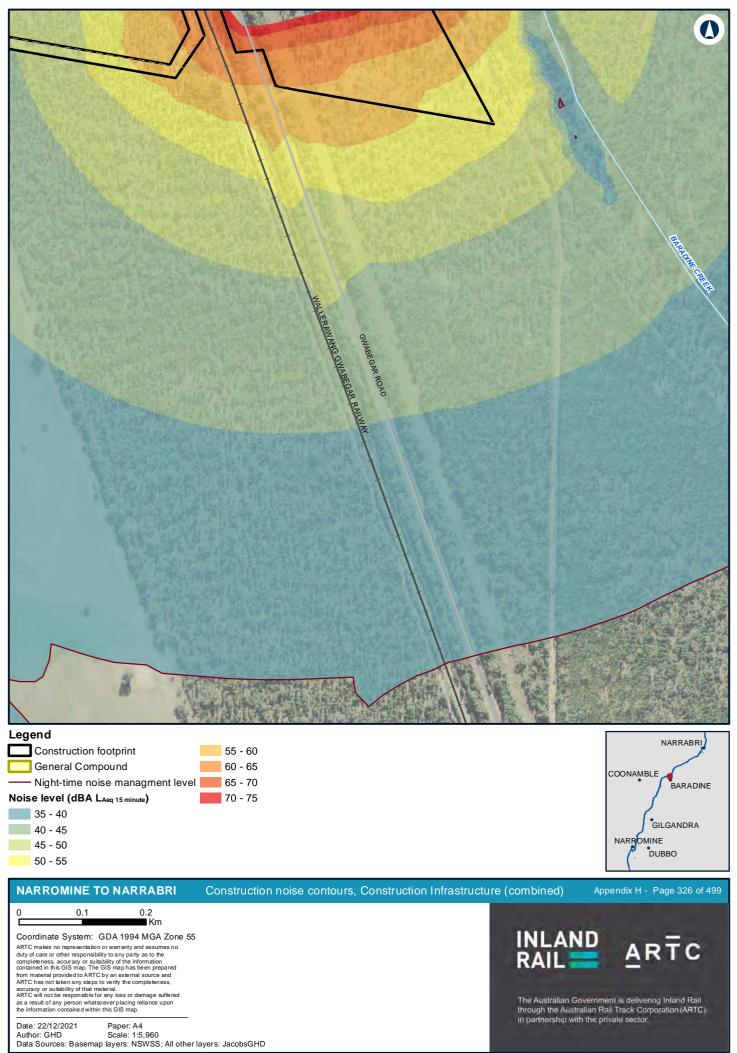
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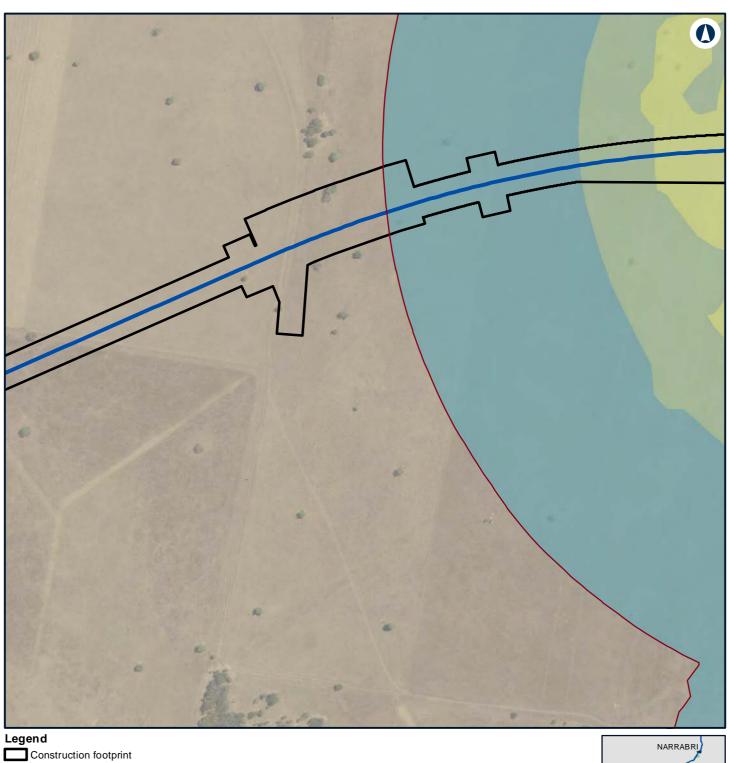
Residential

Noise level (dBA LAeq 15 minute)









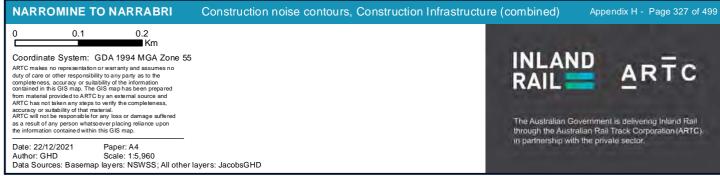
— Night-time noise managment level

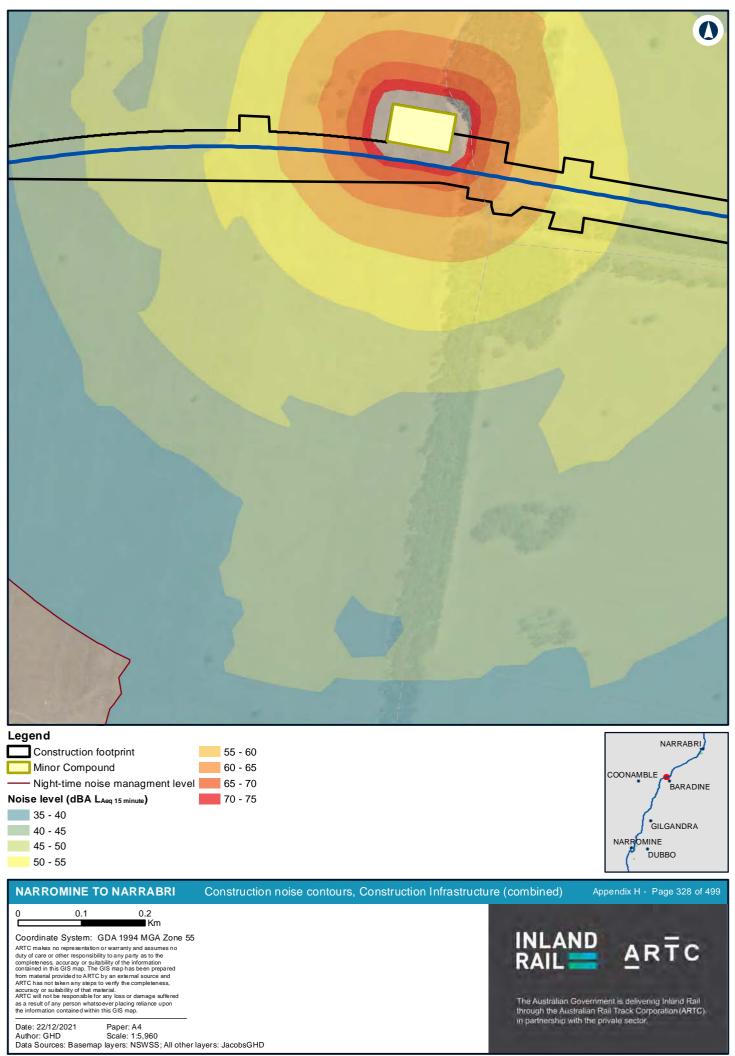
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

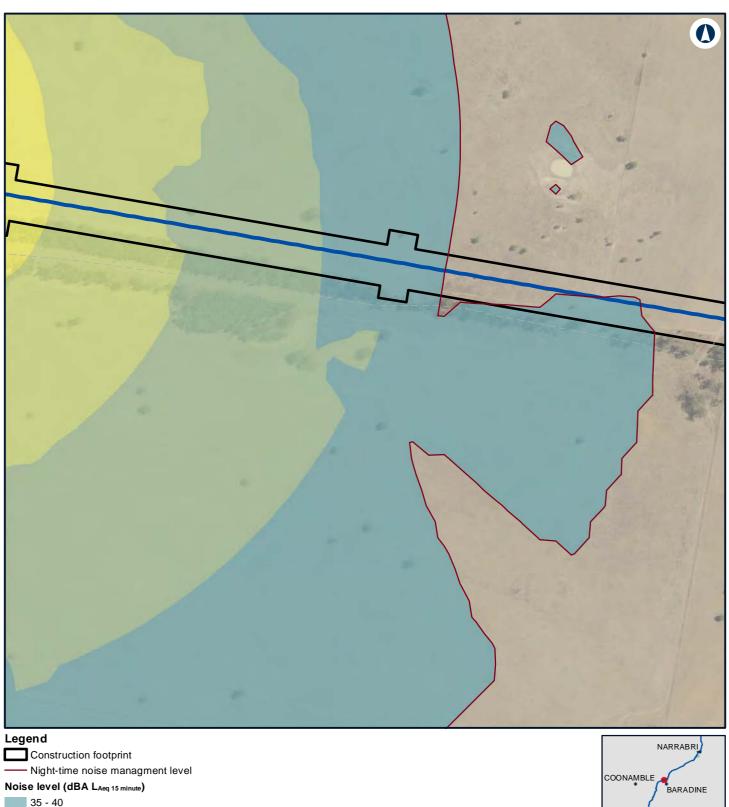
35 - 40

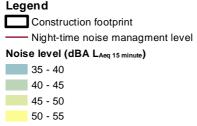
40 - 45



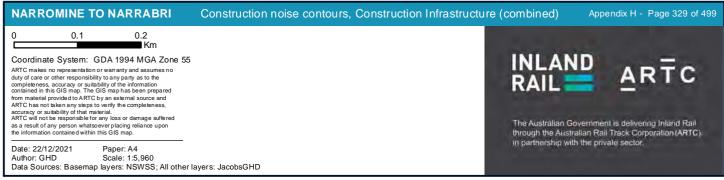












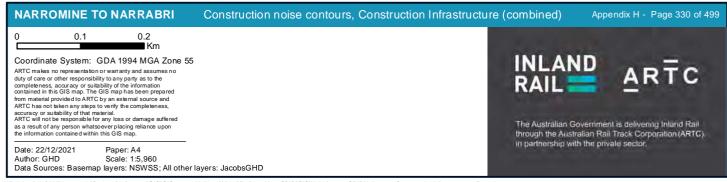


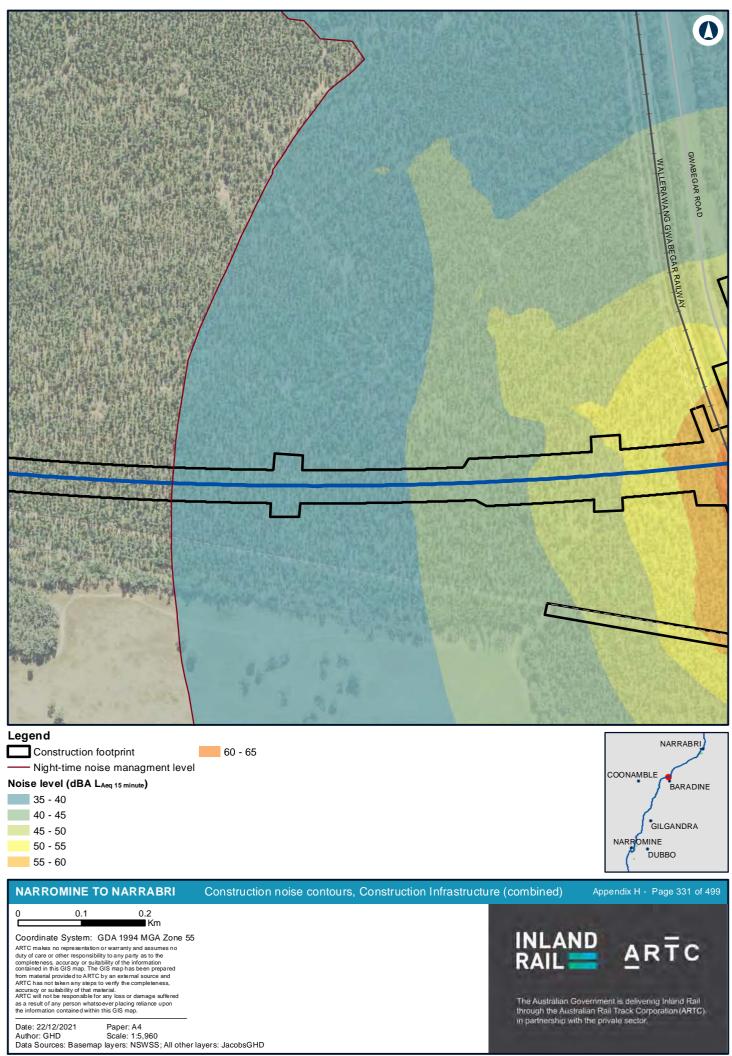
Construction footprint

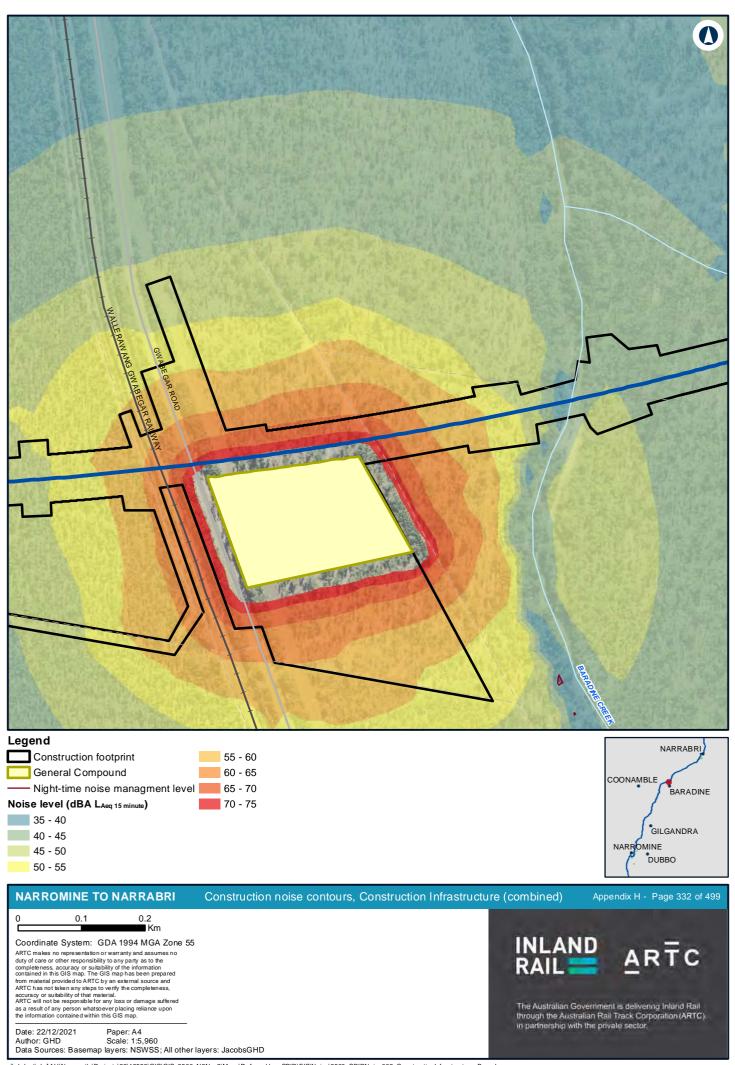
---- Night-time noise managment level

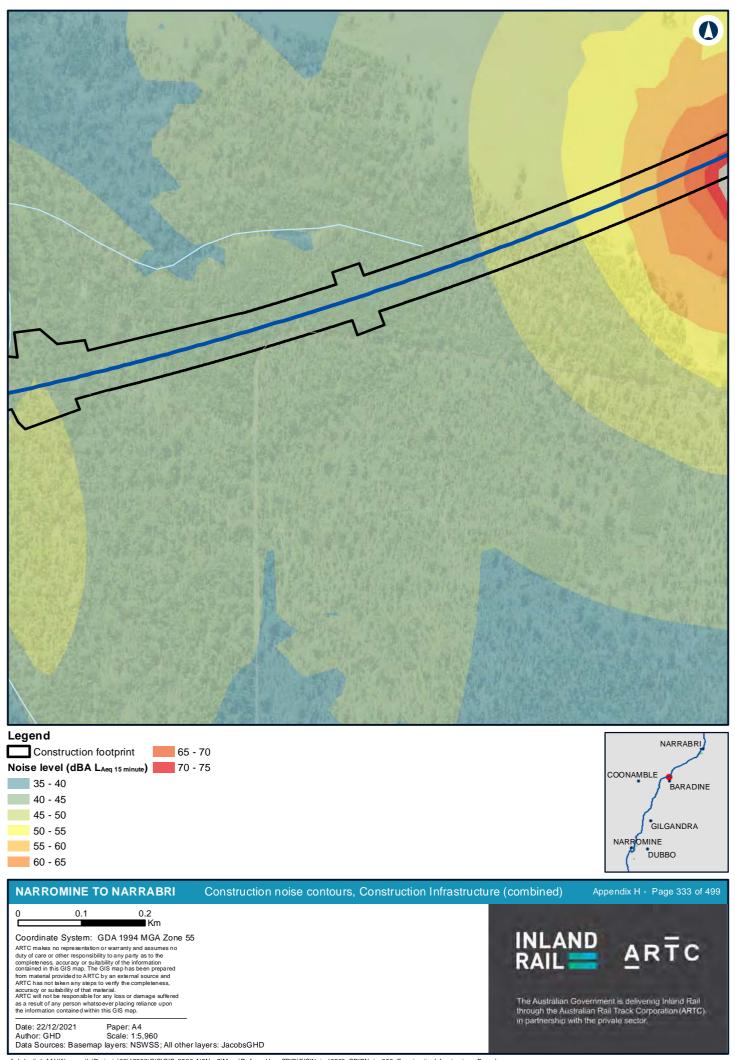
Noise level (dBA LAeq 15 minute)

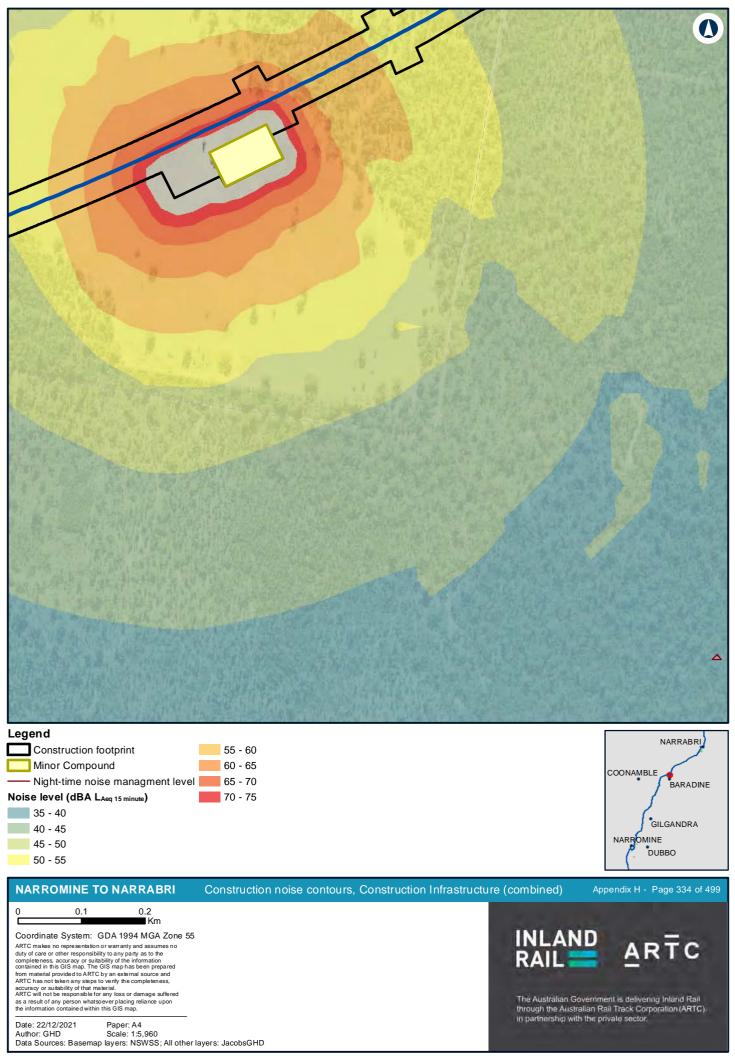


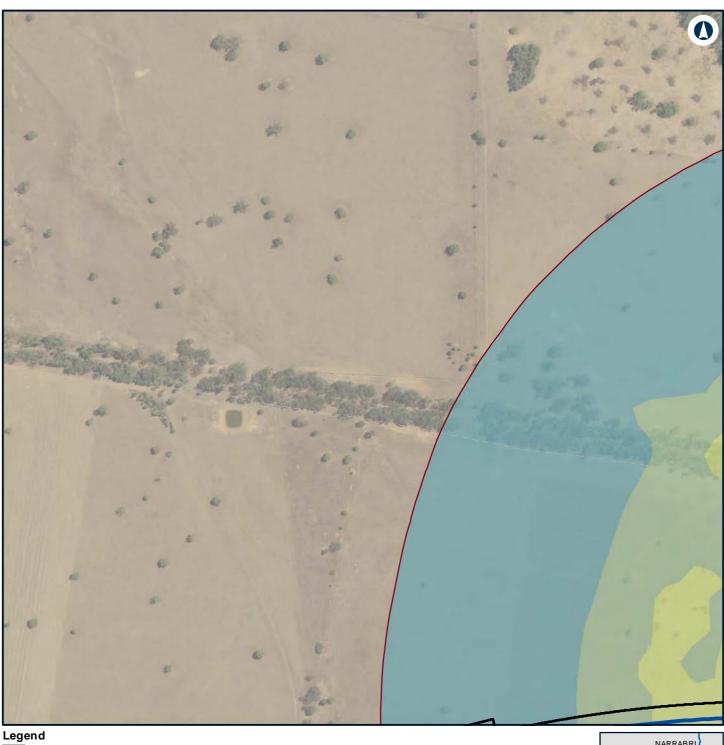












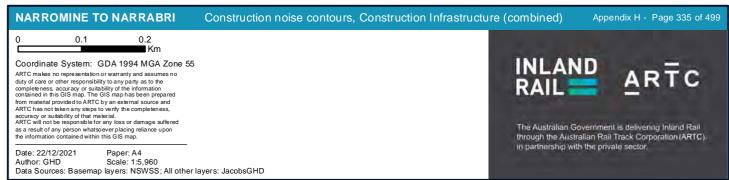
— Night-time noise managment level

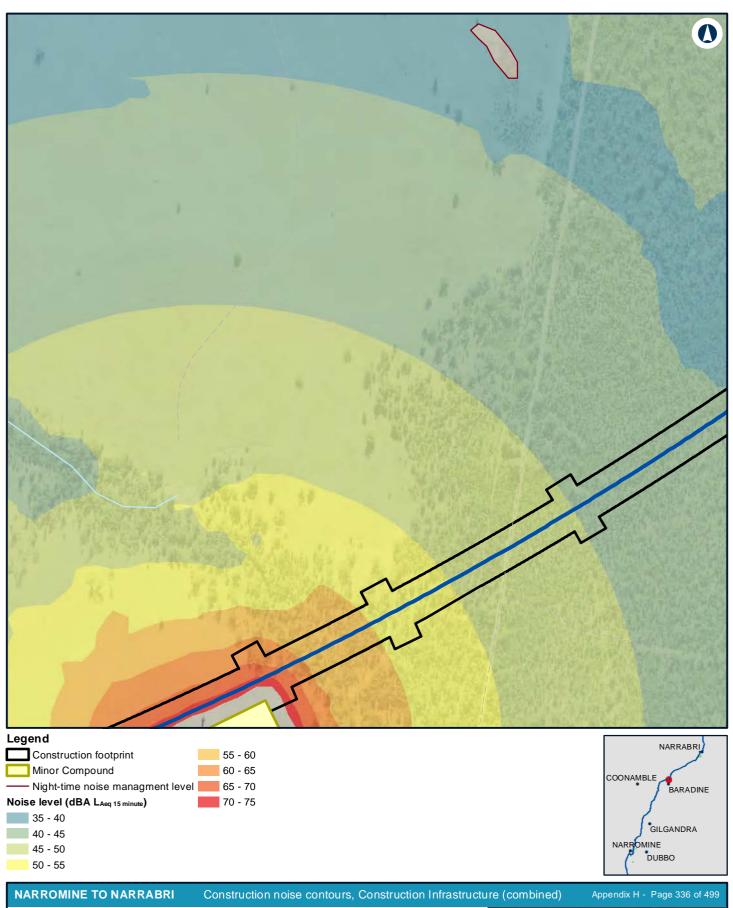
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

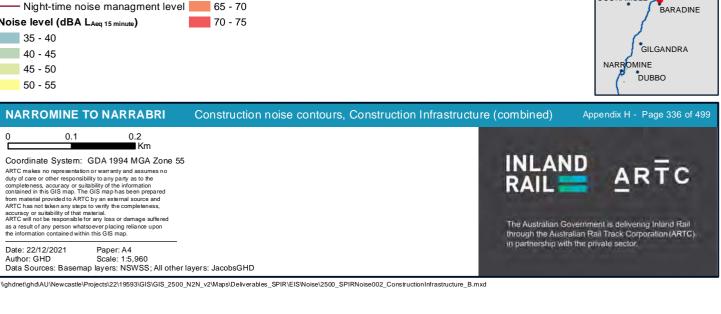
35 - 40

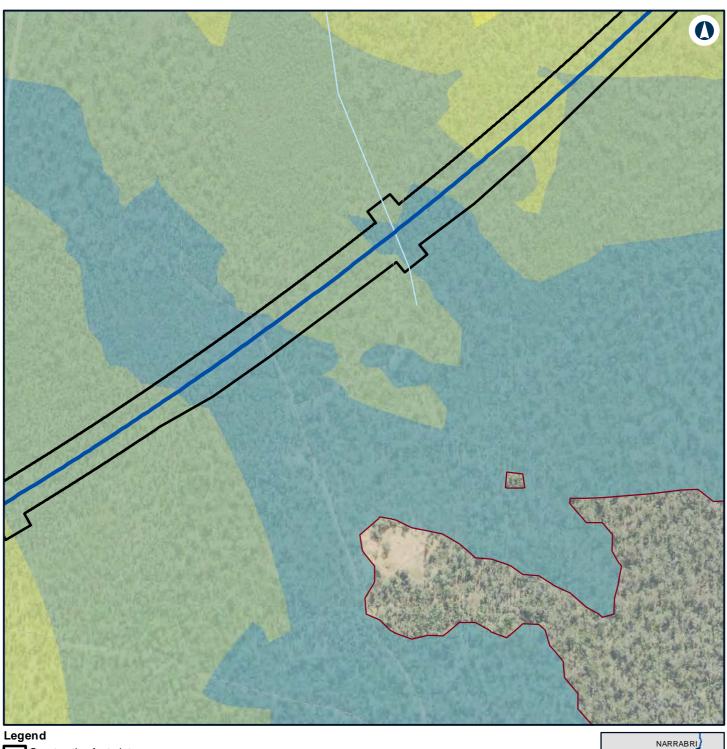
40 - 45

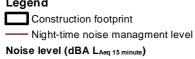












40 - 45 45 - 50

35 - 40

50 - 55

DUBBO Construction noise contours, Construction Infrastructure (combined)



NARROMINE TO NARRABRI

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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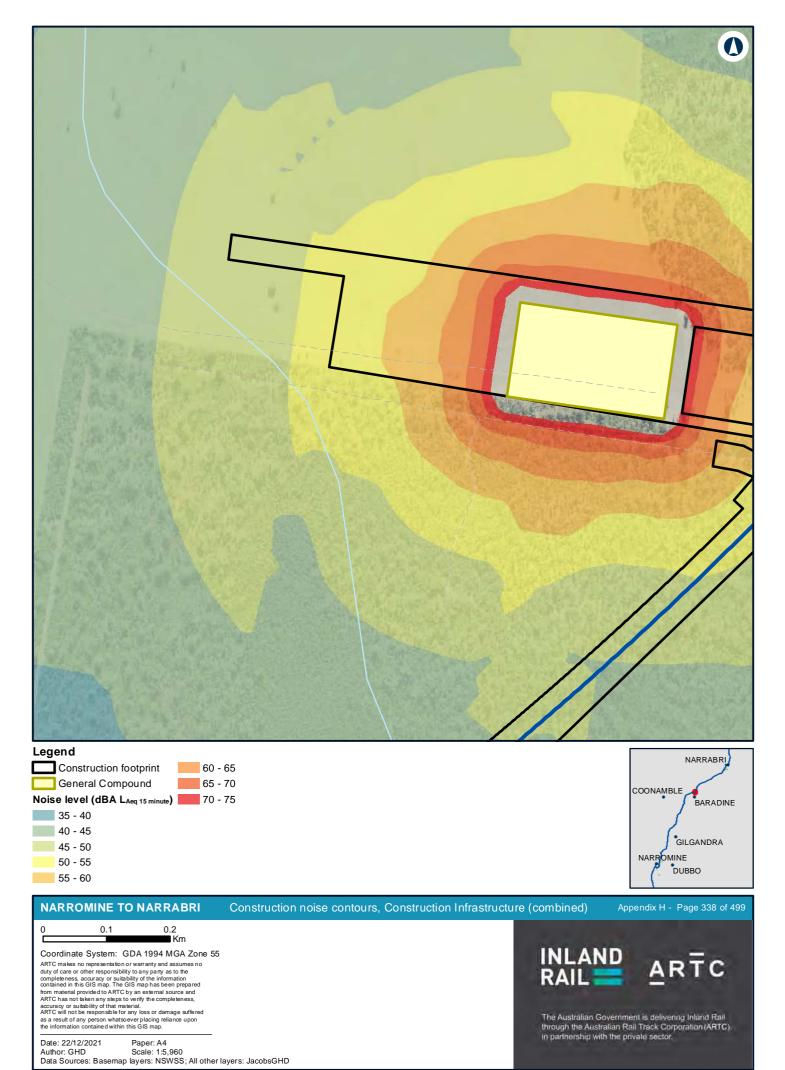
Paper: A4 Scale: 1:5,960 Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD INLAND ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector.

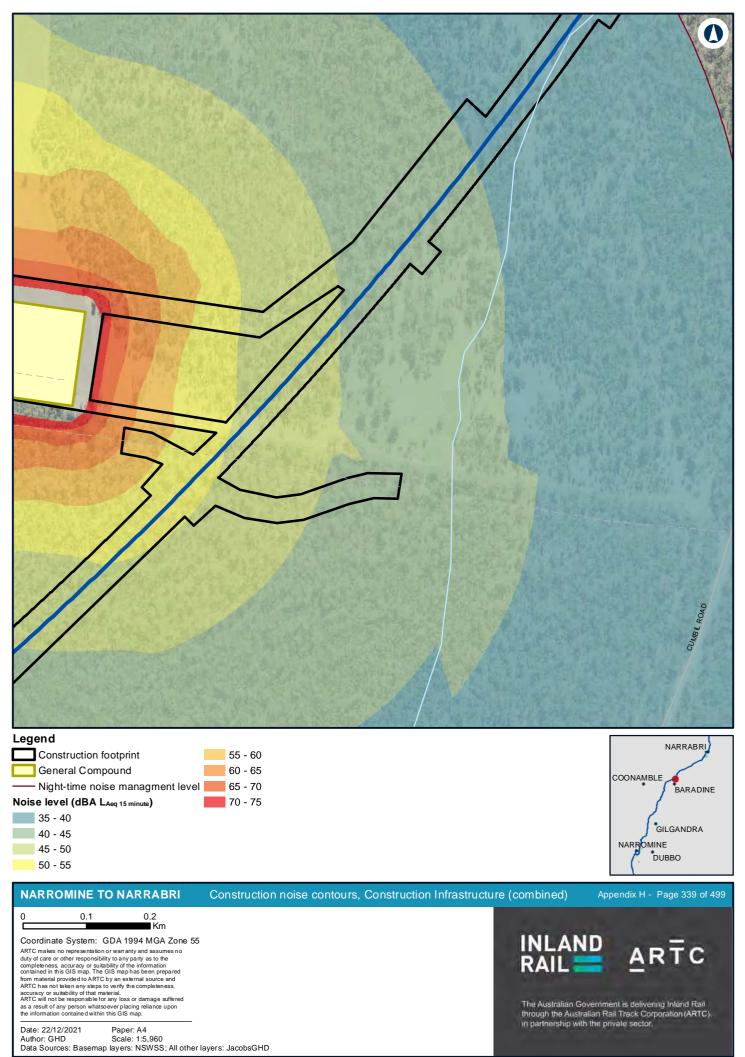
COONAMBLE

NARROMINE

BARADINE

GILGANDRA







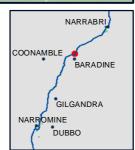
---- Night-time noise managment level

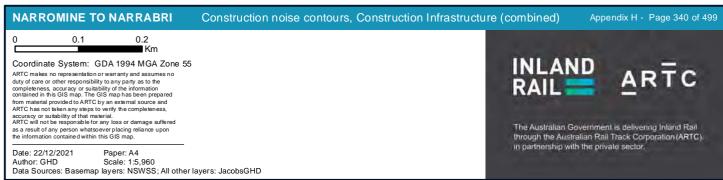
## Structure type

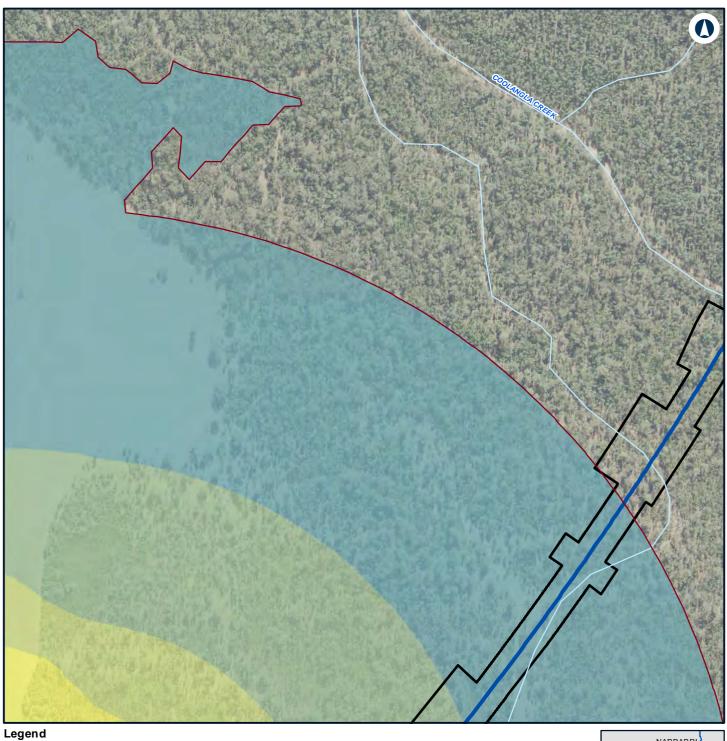
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Night-time noise managment level

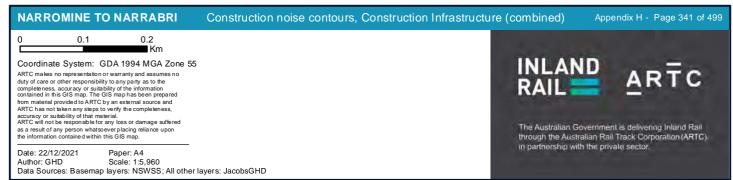
# Noise level (dBA LAeq 15 minute)

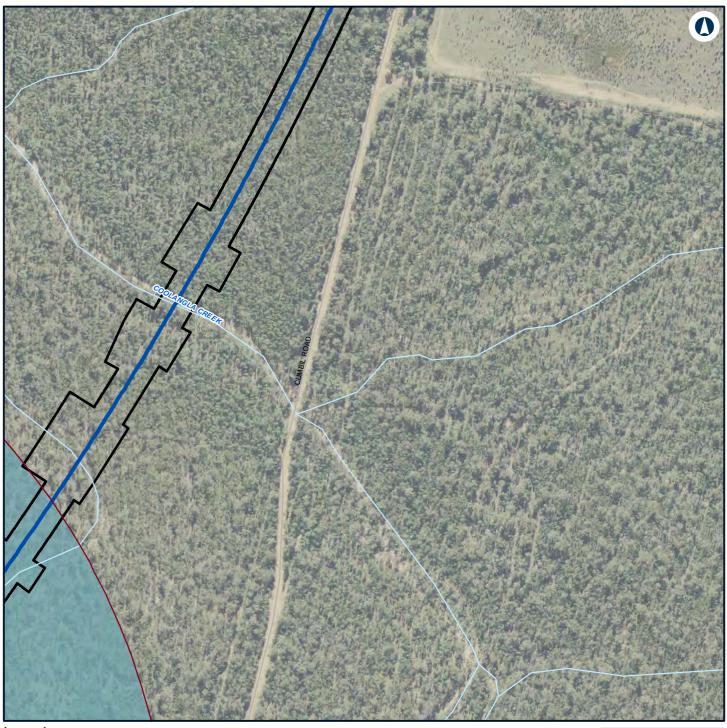
35 - 40

40 - 45

45 - 50





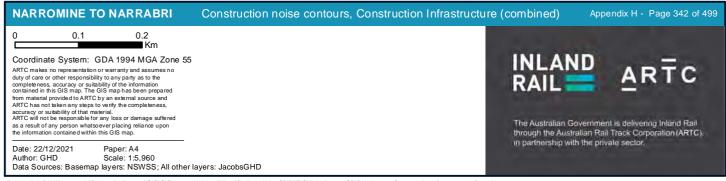


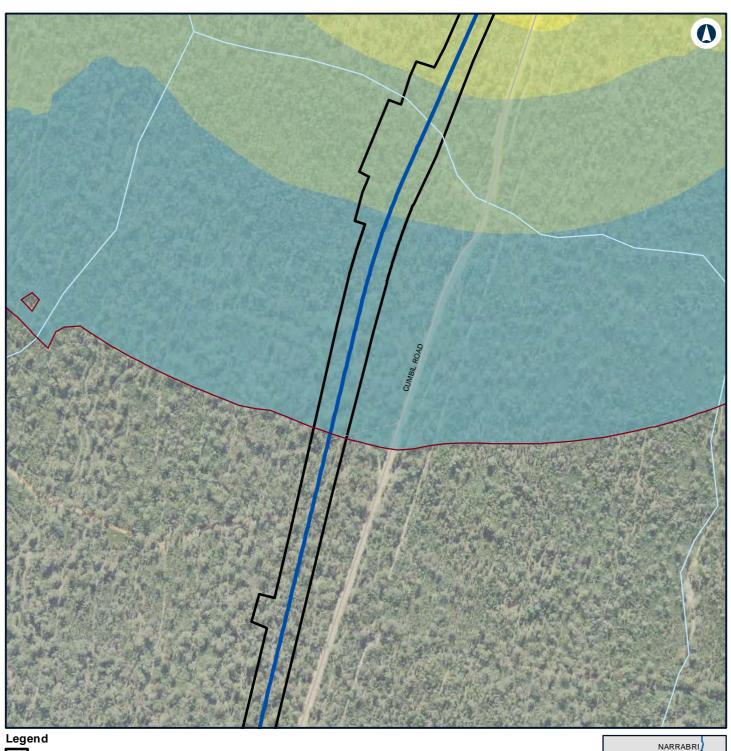


---- Night-time noise managment level

Noise level (dBA LAeq 15 minute)







---- Night-time noise managment level

# Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

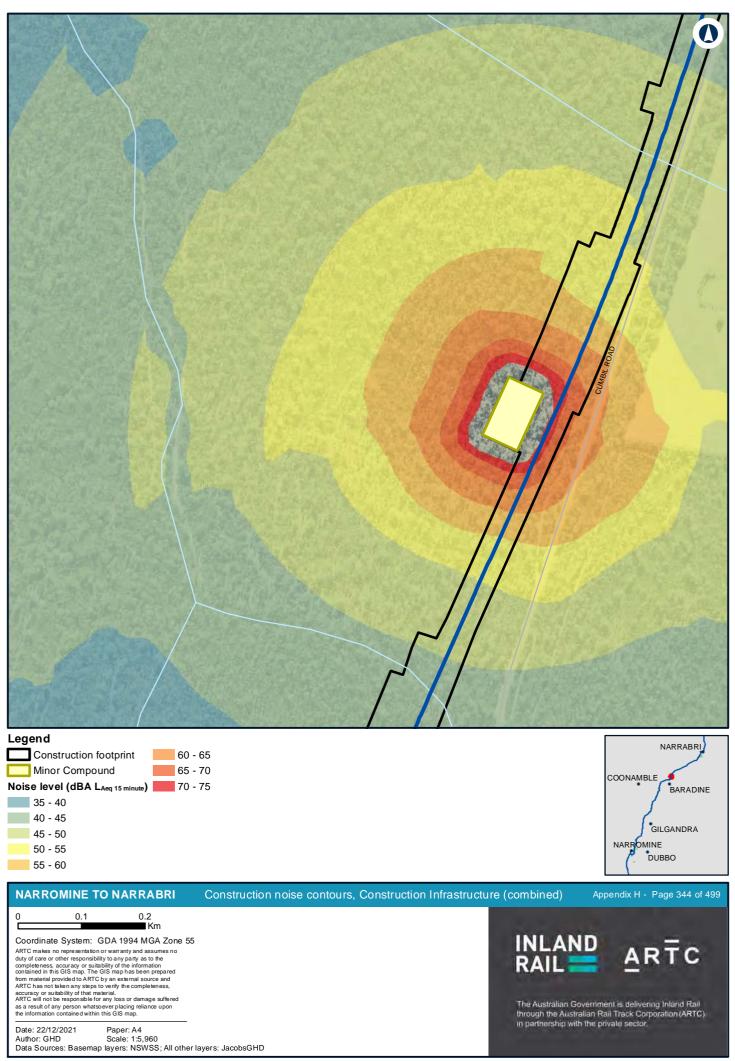
50 - 55

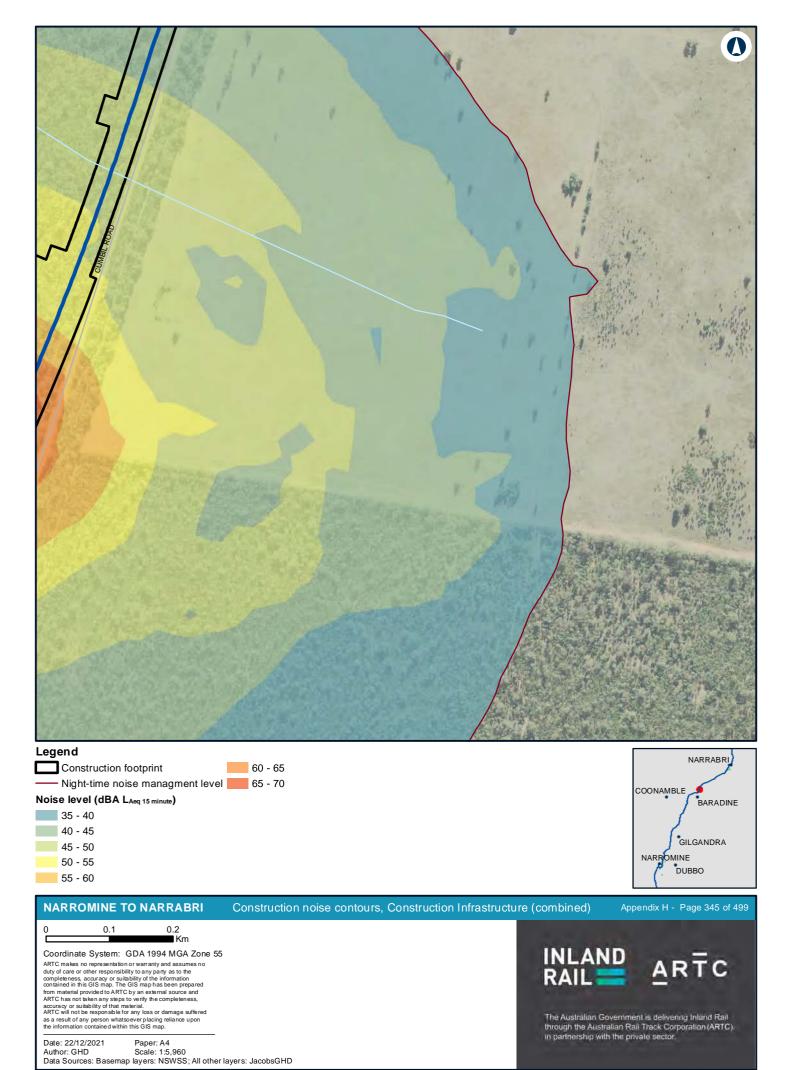
GILGANDRA NARROMINE DUBBO

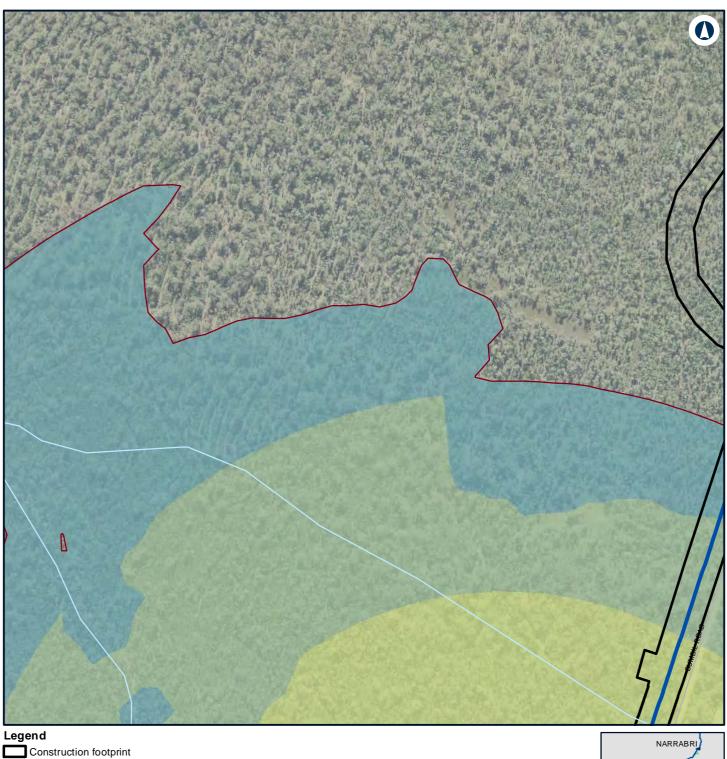
BARADINE

COONAMBLE









Night-time noise managment level

# Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

Construction noise contours, Construction Infrastructure (combined)

DUBBO

BARADINE

GILGANDRA

COONAMBLE

NARROMINE

0.1 0.2

NARROMINE TO NARRABRI

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

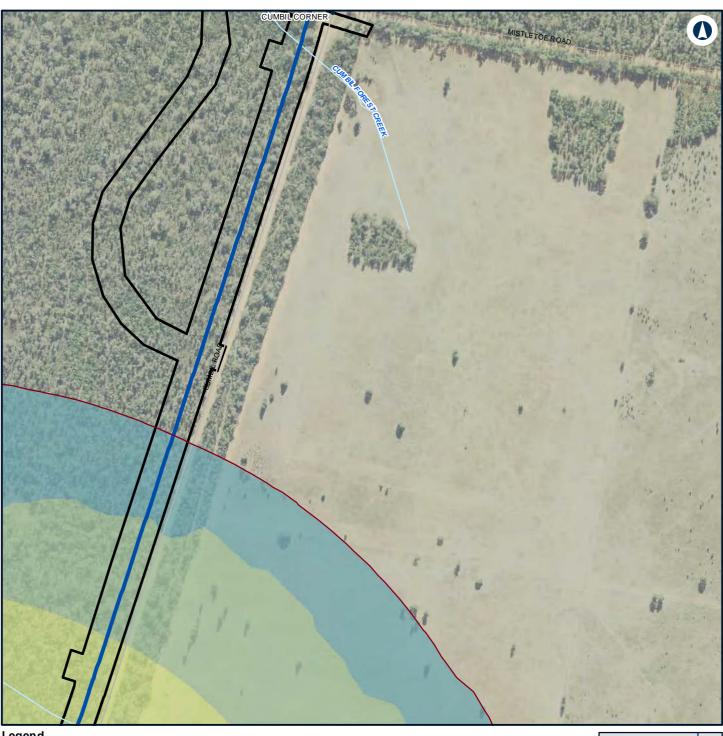
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Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

Paper: A4 Scale: 1:5,960

INLAND ARTC

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Construction footprint

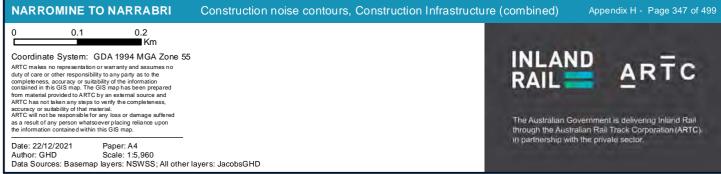
Night-time noise managment level

# Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45



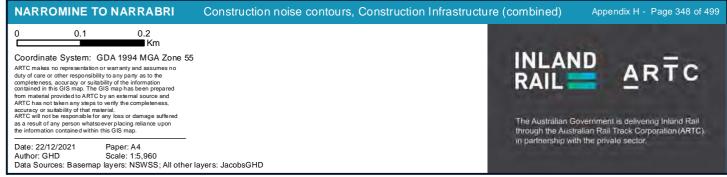


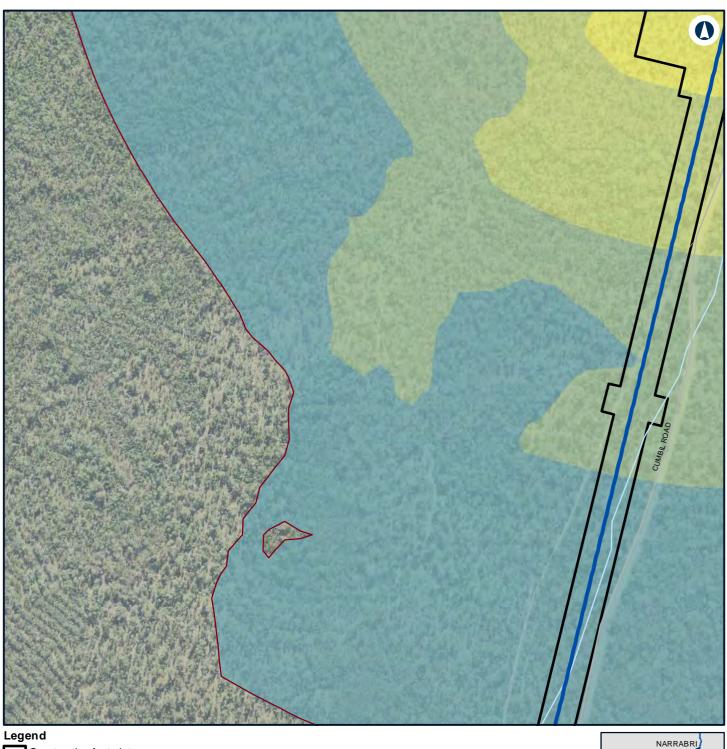


Night-time noise managment level

Noise level (dBA LAeq 15 minute)







---- Night-time noise managment level

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

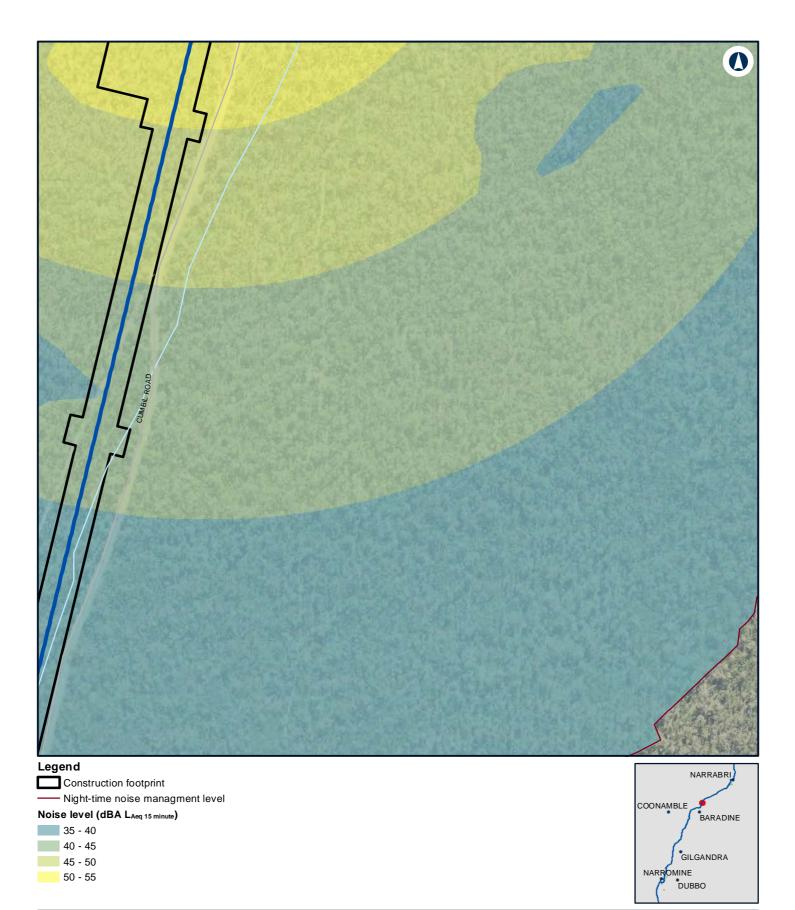
40 - 45

45 - 50

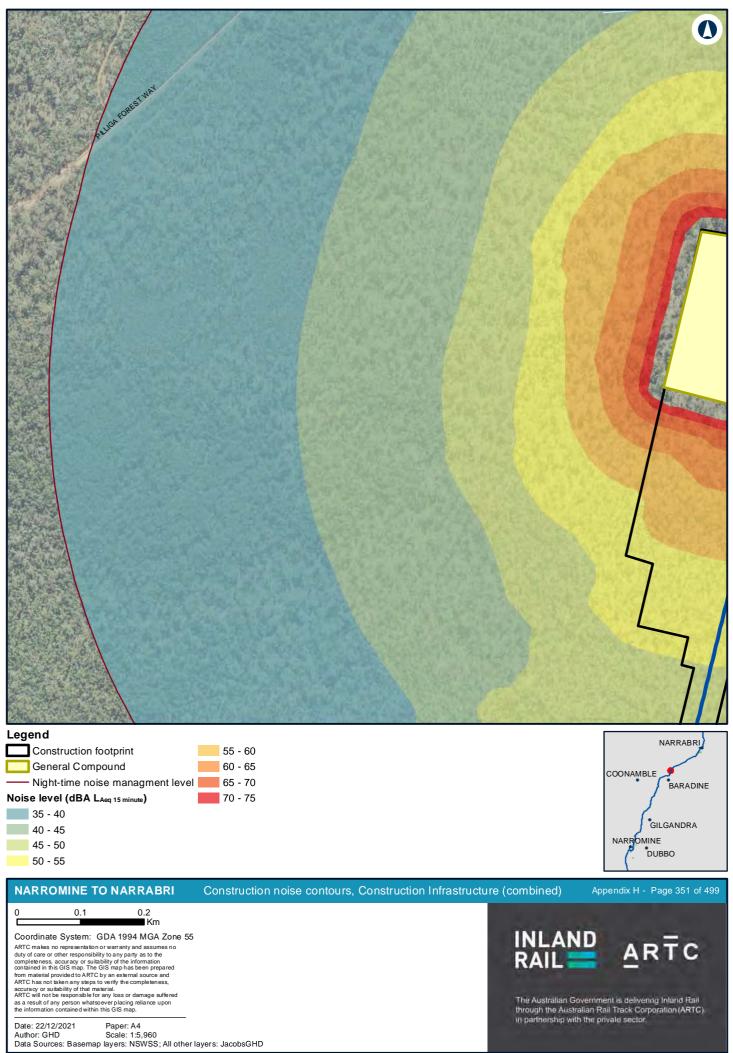
50 - 55

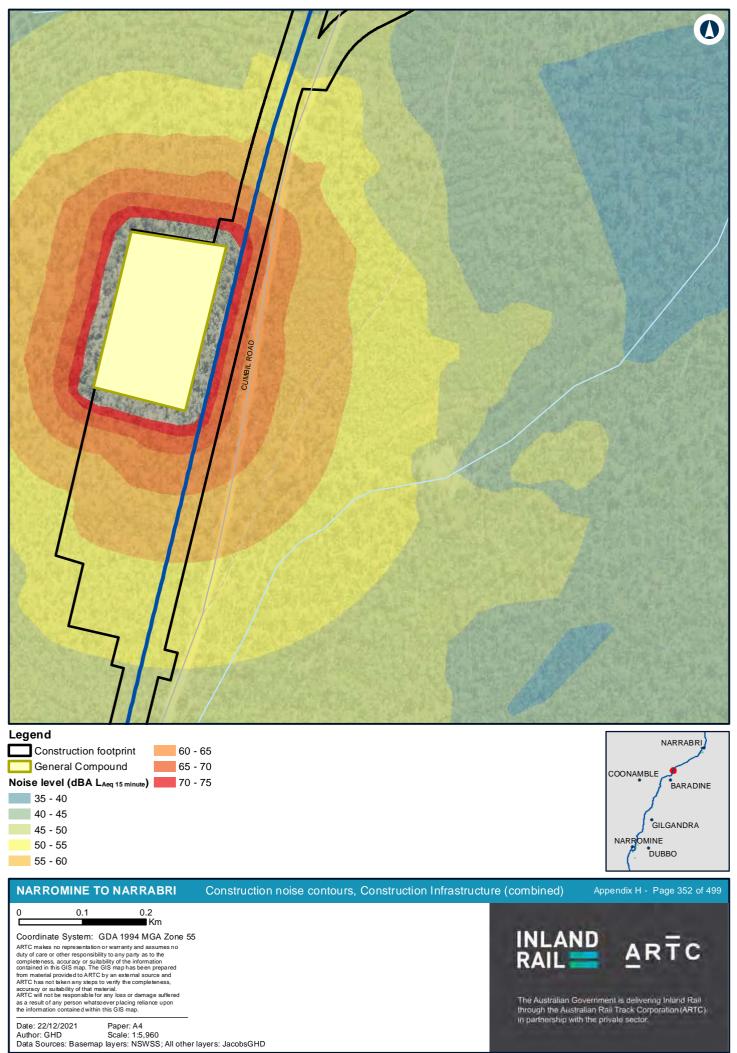


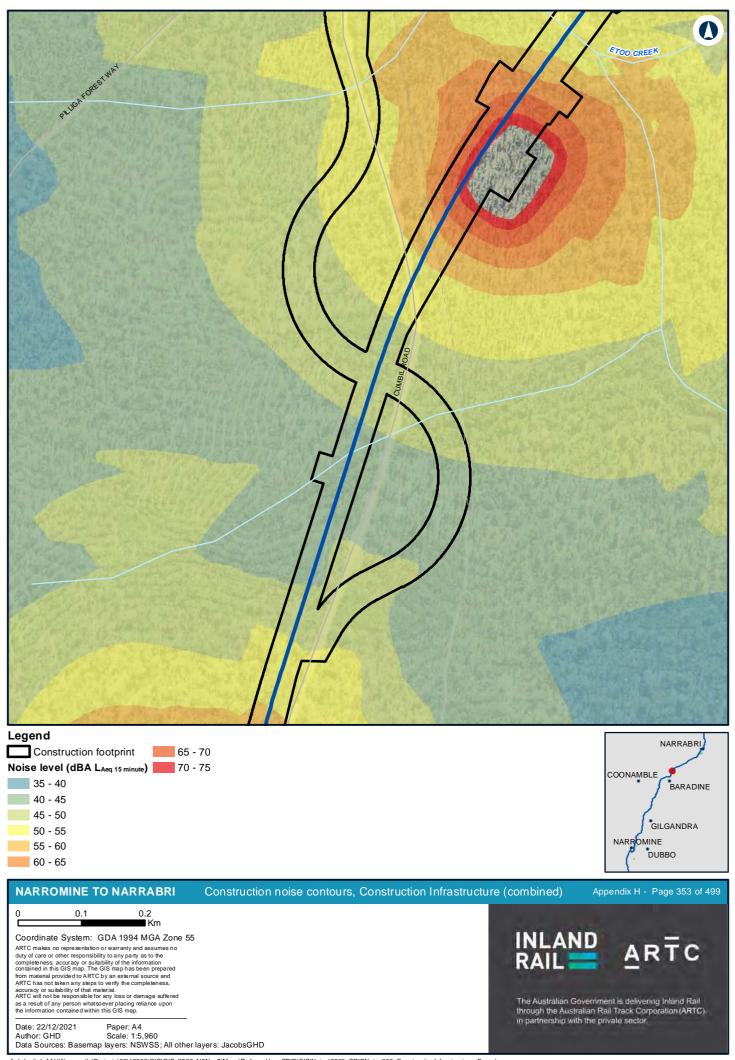
# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) Appendix H - Page 349 of 499 0 0.1 0.2 Km Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. Date: 22/12/2021 Paper: A4 Author: GHD Scale: 1:5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

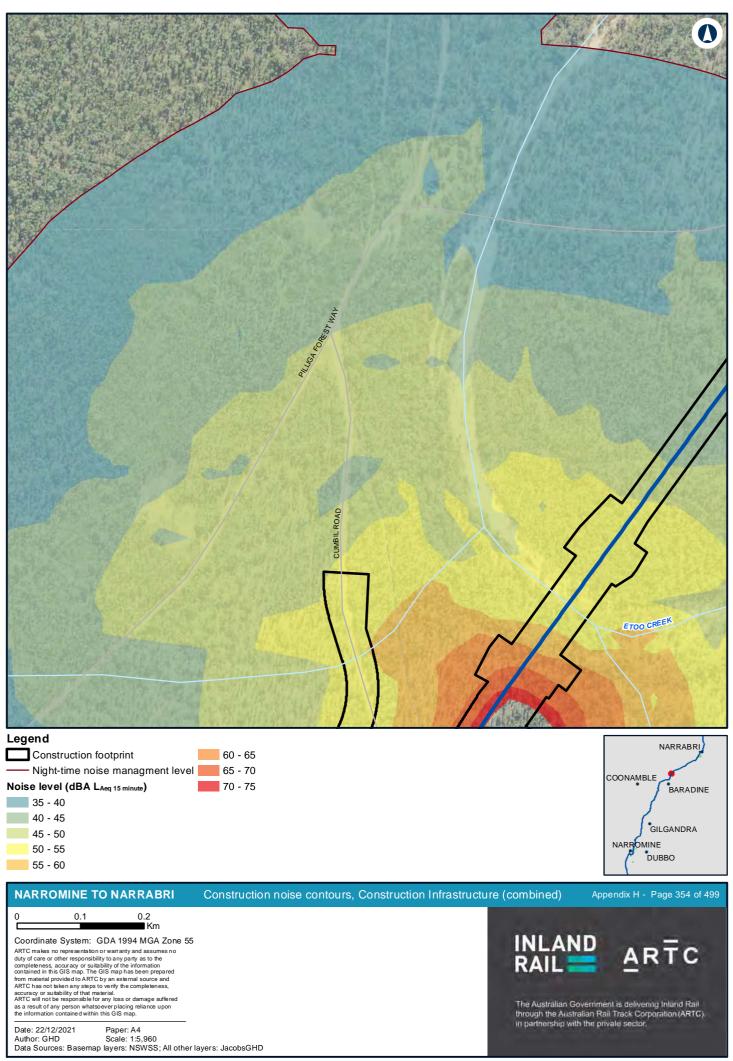


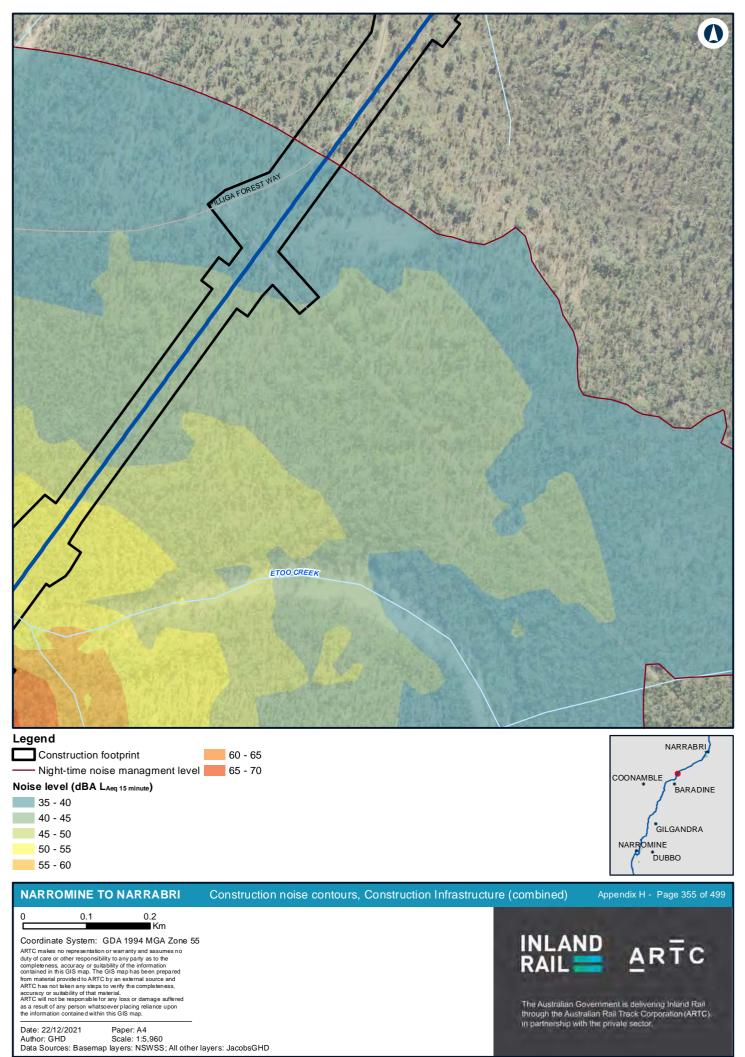


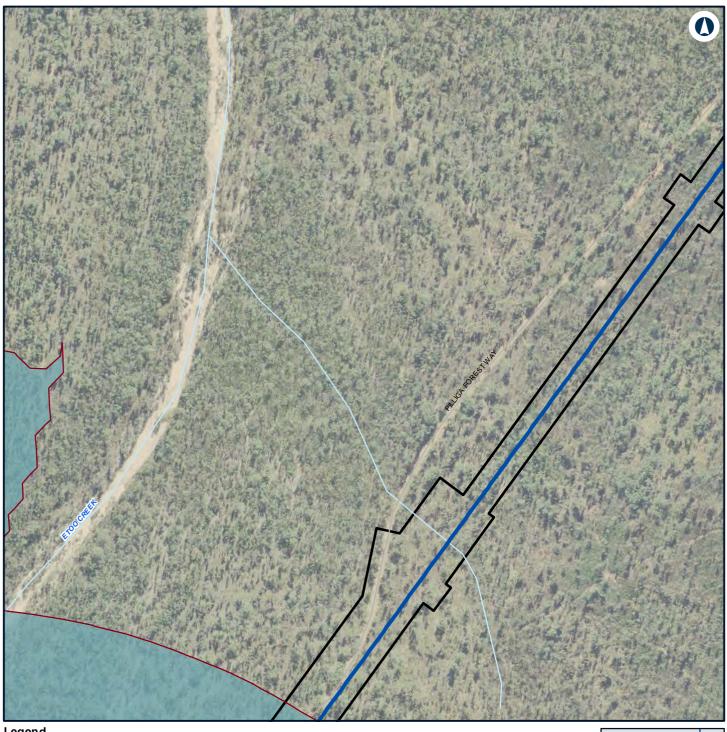










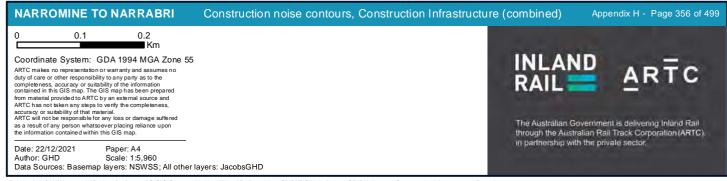


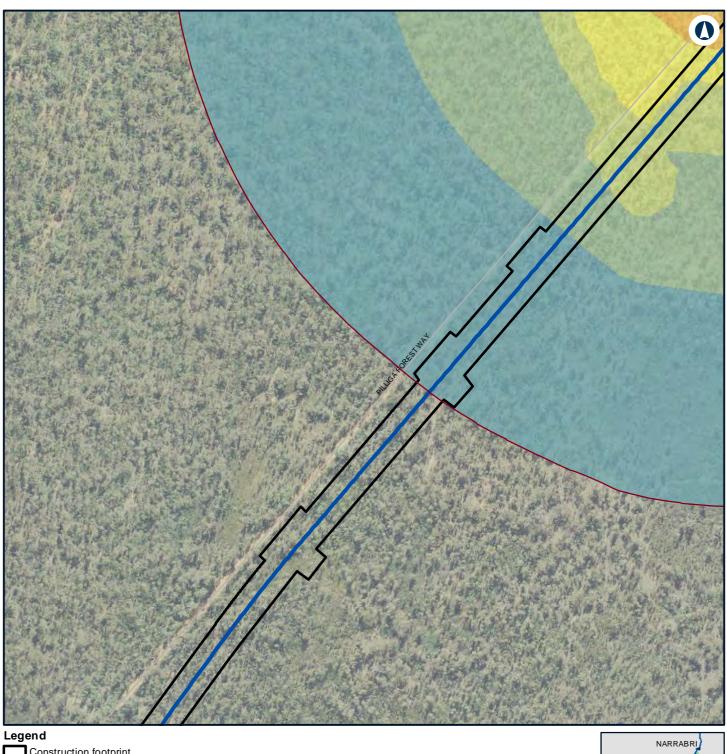
Construction footprint

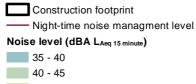
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

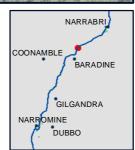




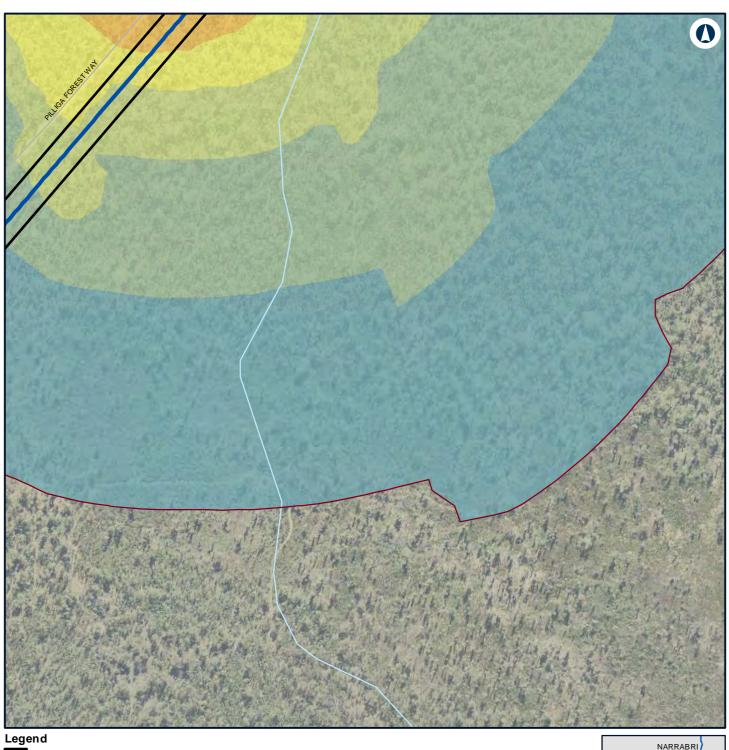




45 - 50 50 - 55 55 - 60









Night-time noise managment level

# Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55

55 - 60





Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

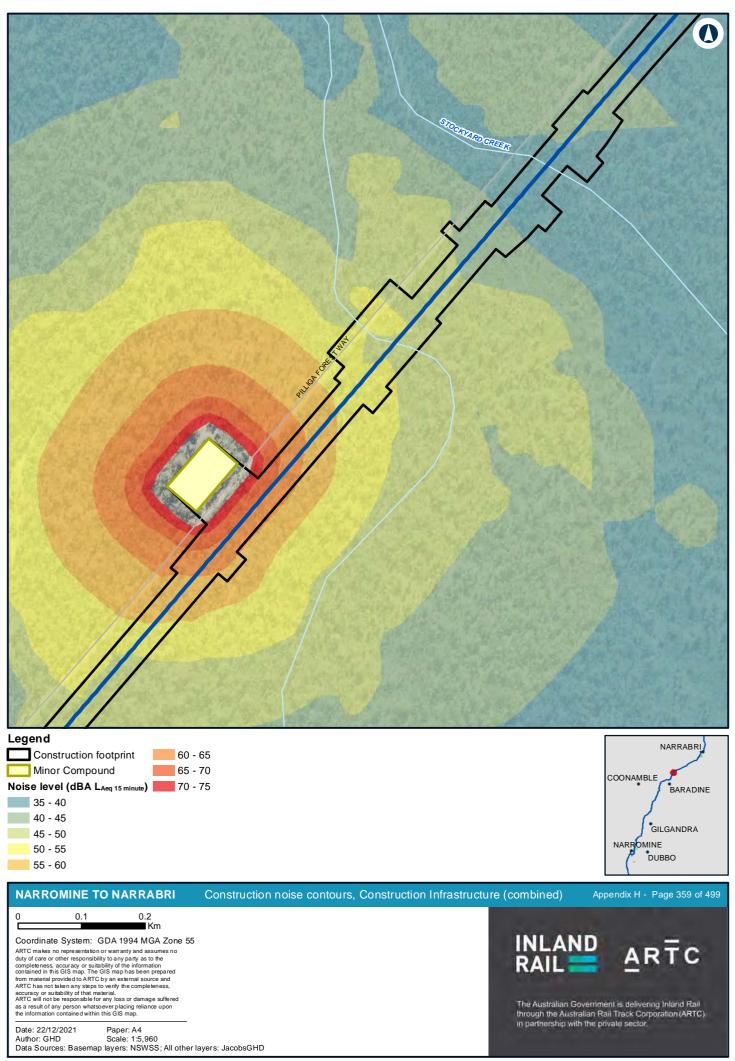
COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

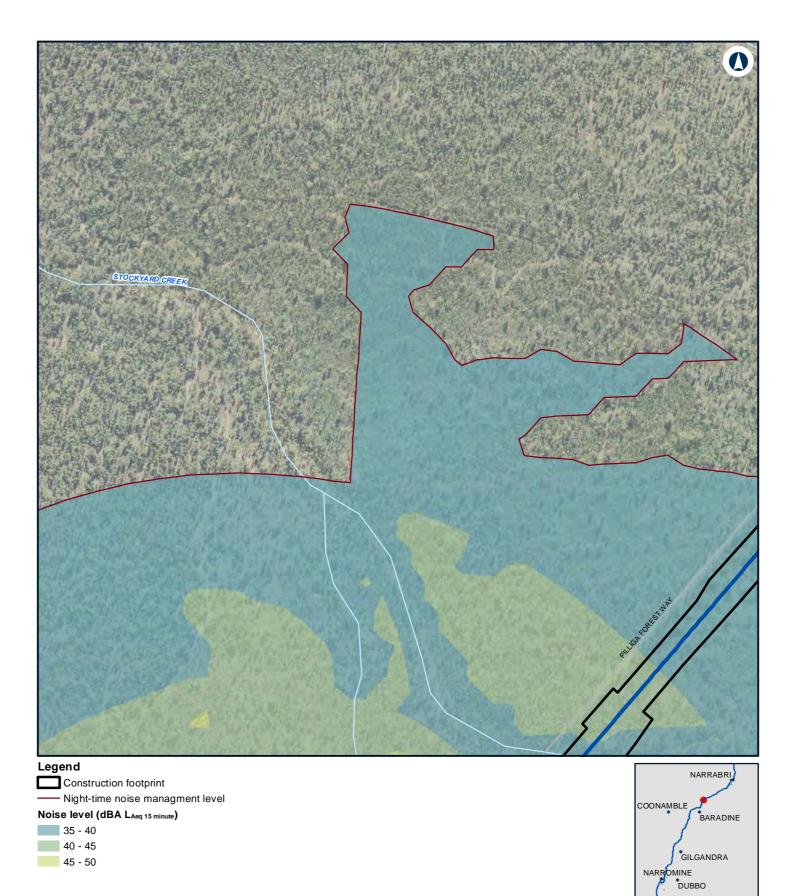
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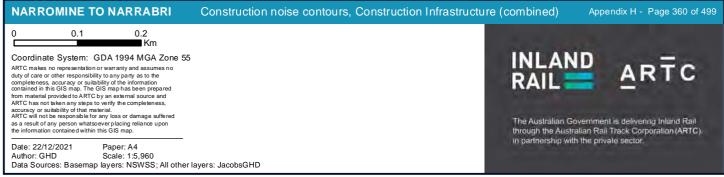
Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

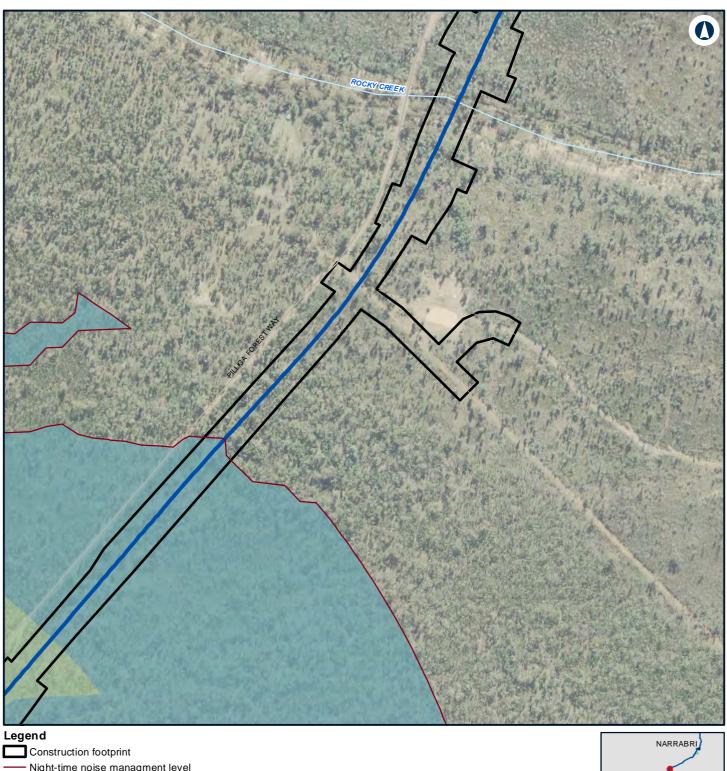
Paper: A4 Scale: 1:5,960

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







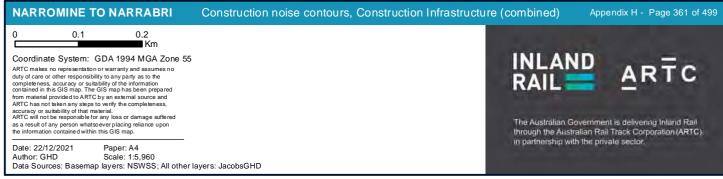


Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40





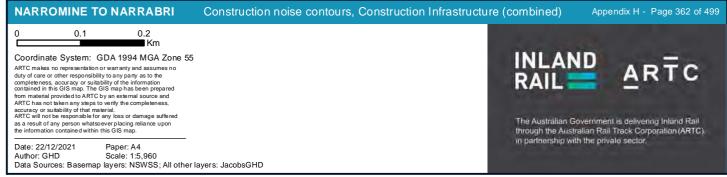


Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)







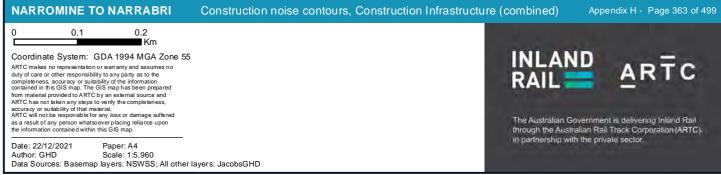
Night-time noise managment level

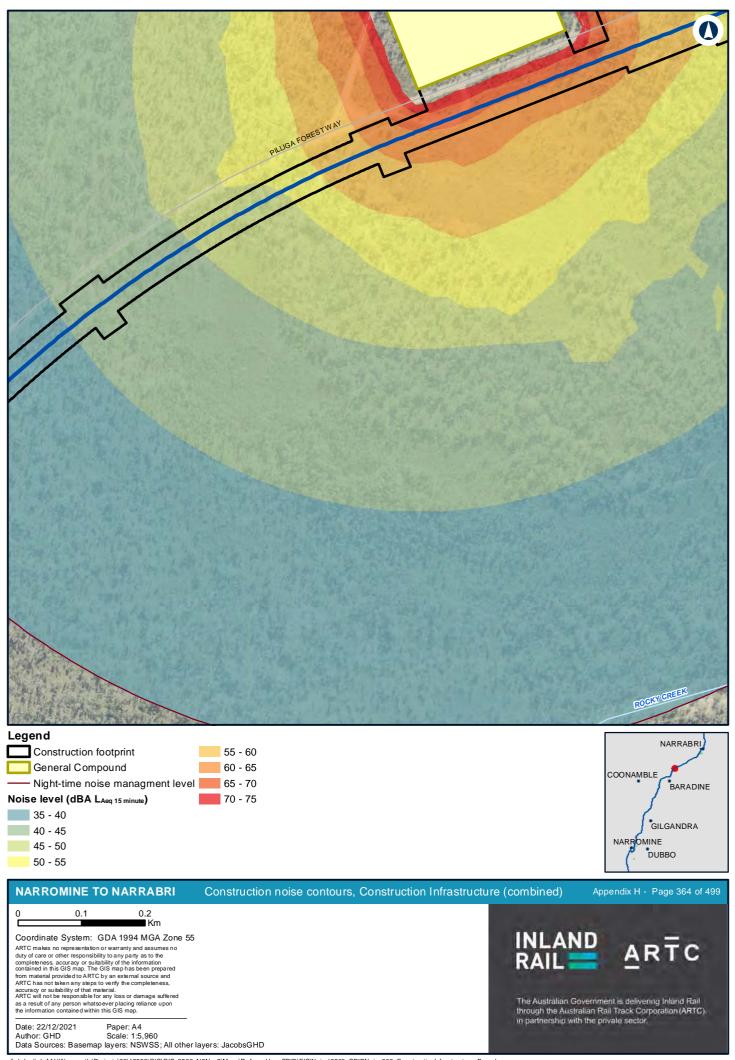
#### Noise level (dBA LAeq 15 minute)

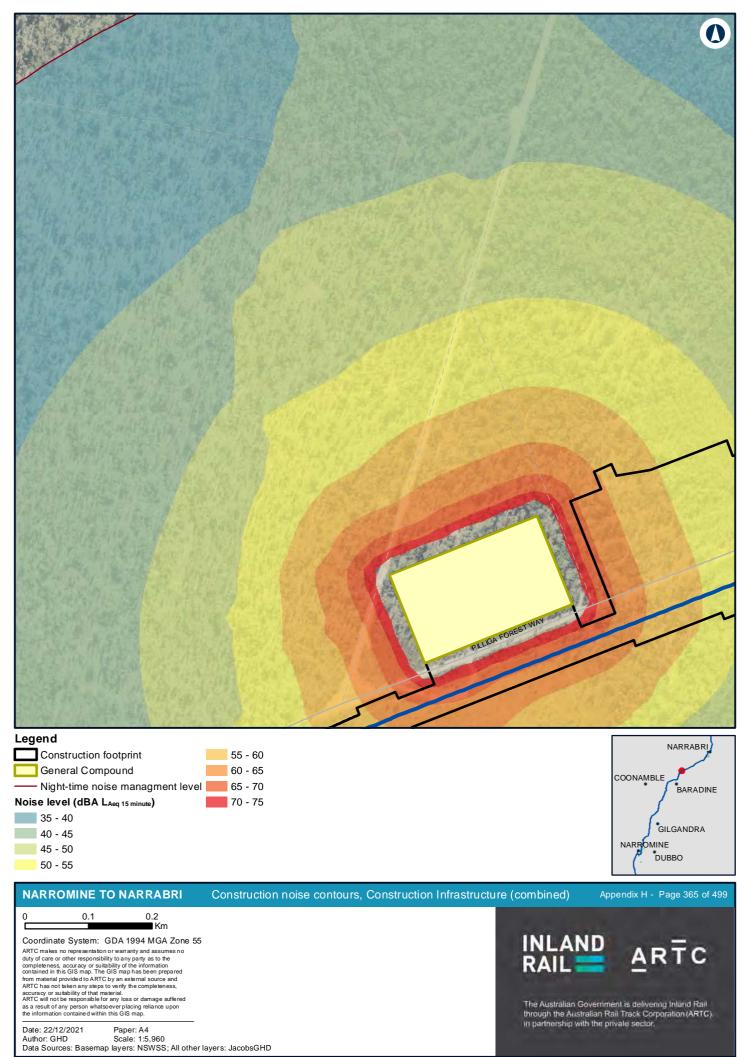
35 - 40

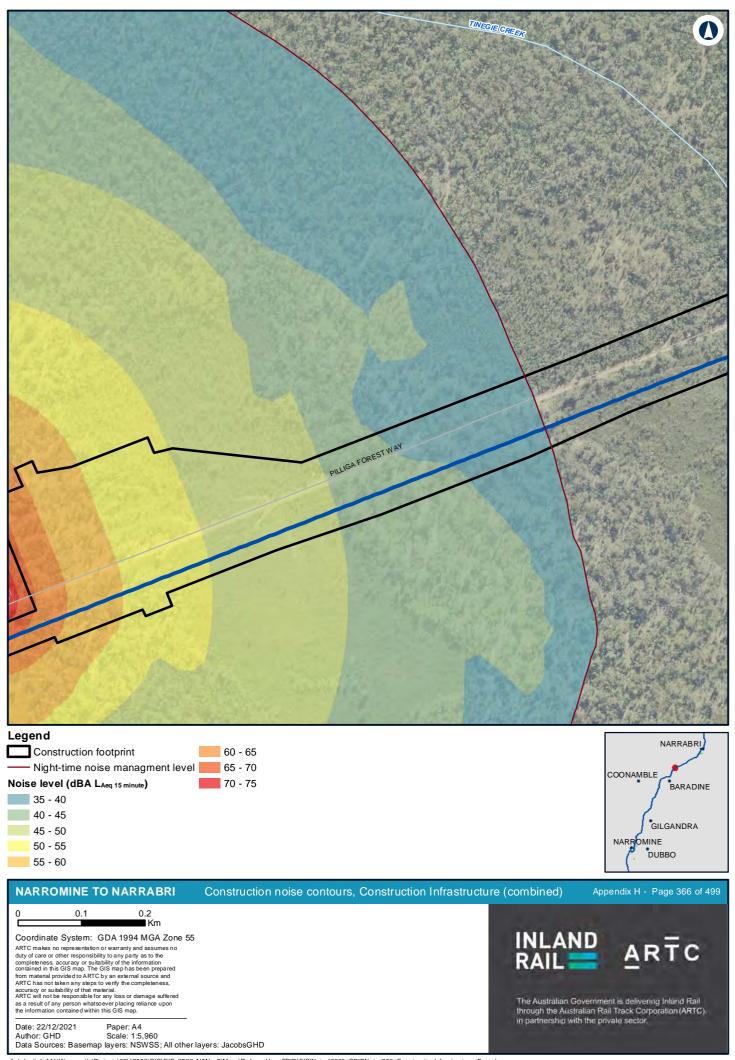
40 - 45

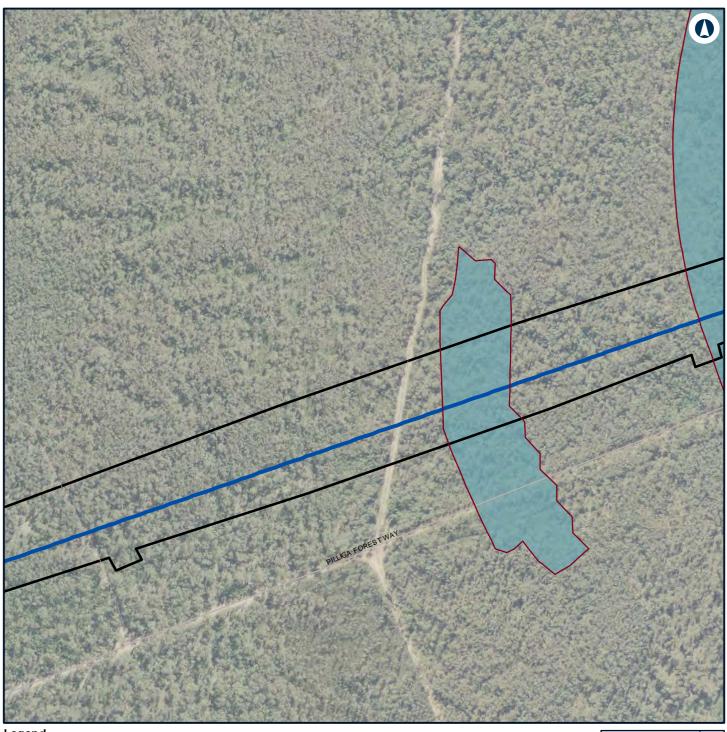










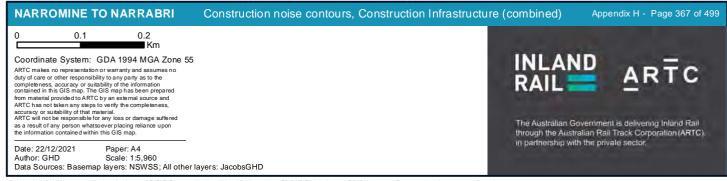


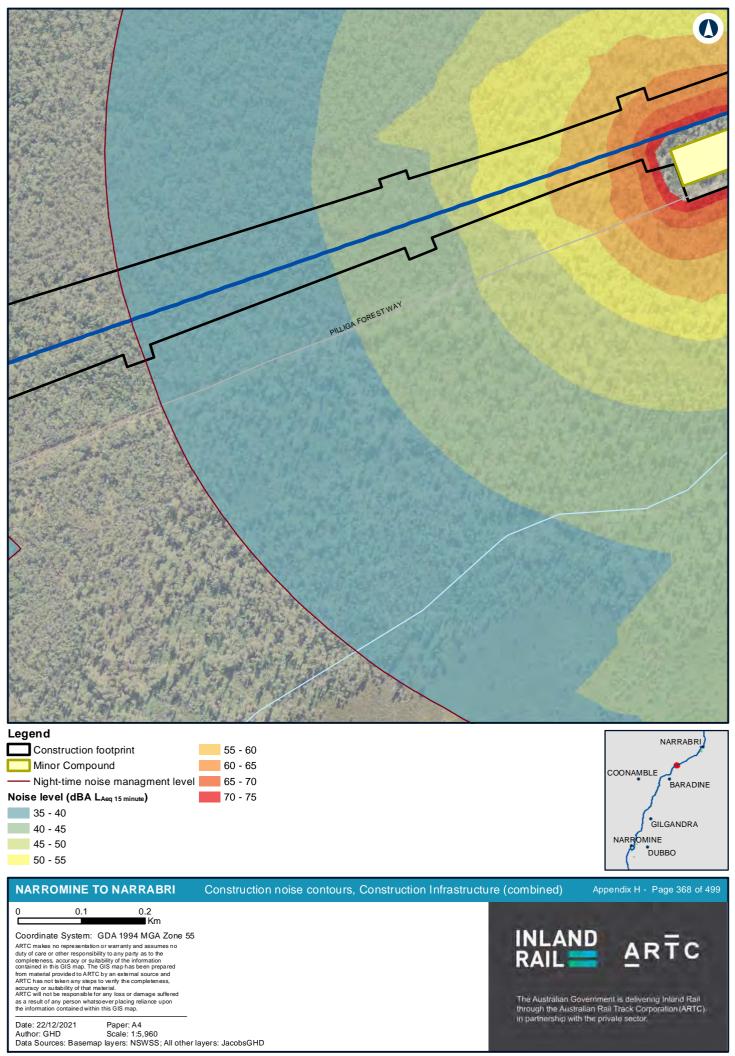
Construction footprint

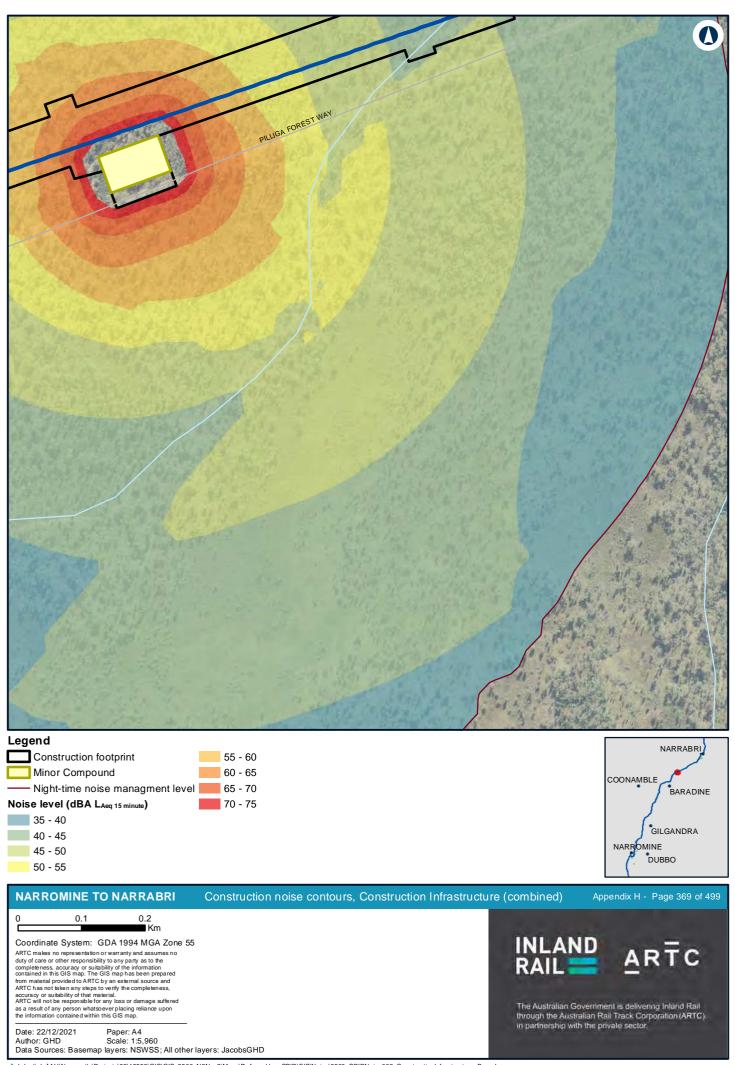
Night-time noise managment level

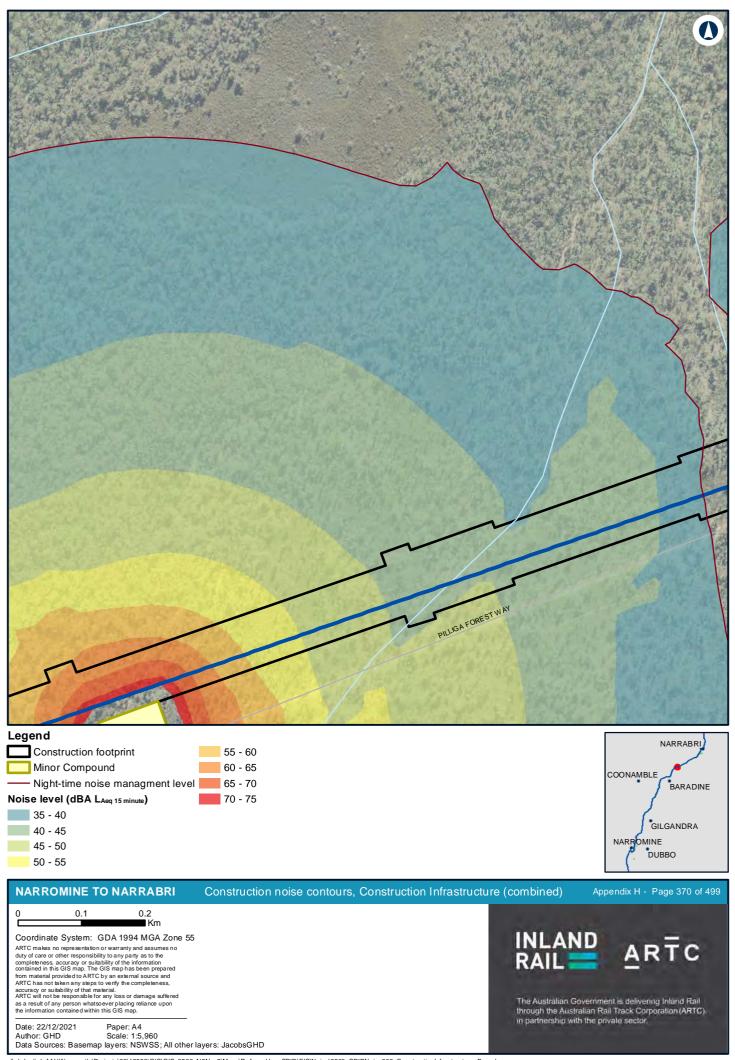
Noise level (dBA LAeq 15 minute)

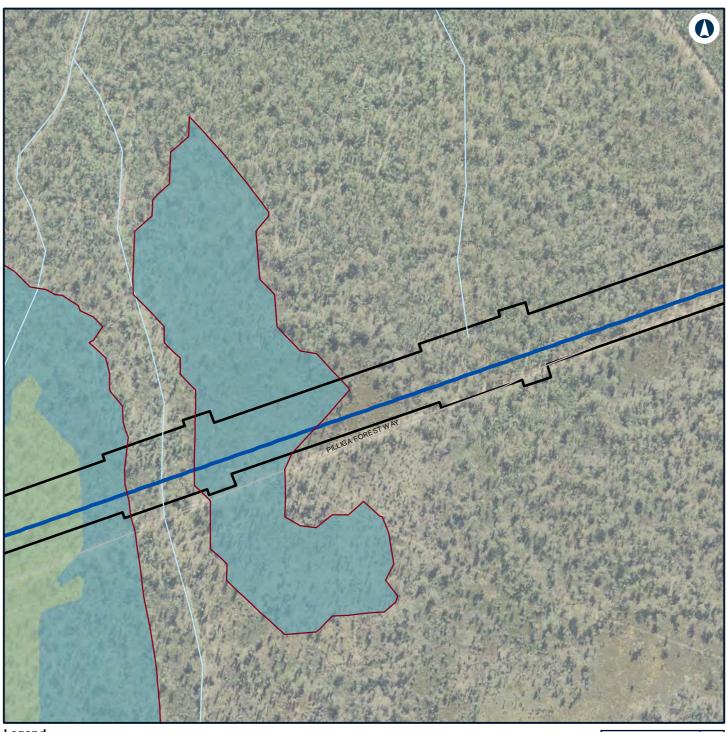












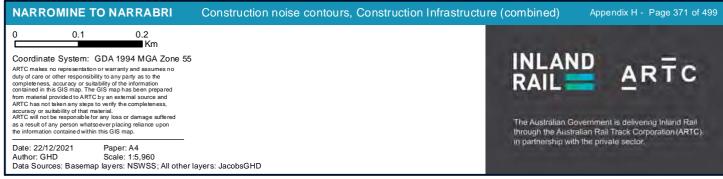
Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







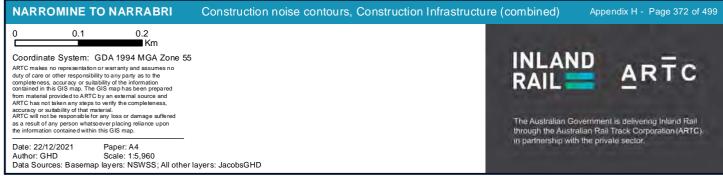
Construction footprint

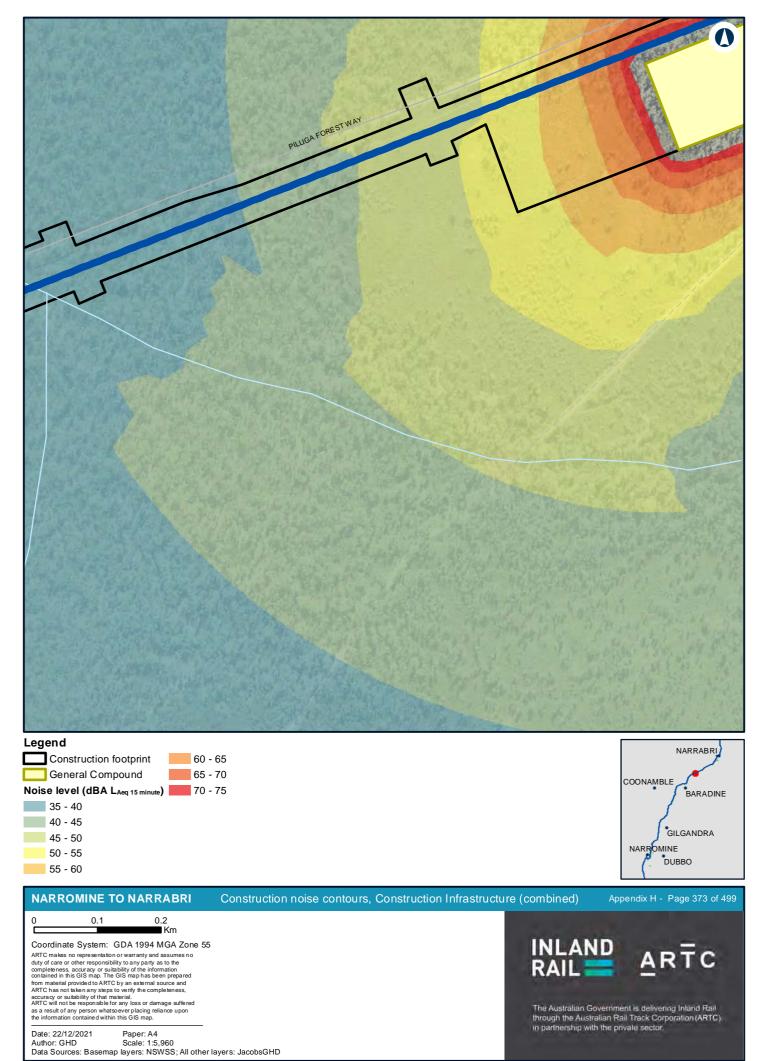
---- Night-time noise managment level

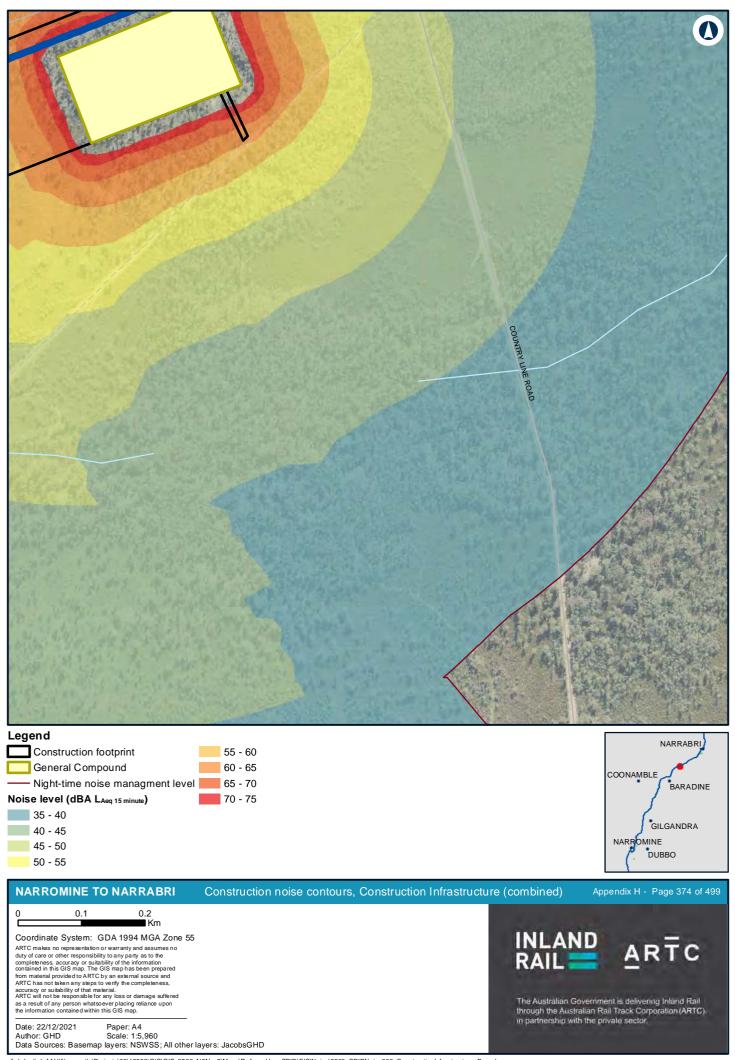
Noise level (dBA L<sub>Aeq 15 minute</sub>)

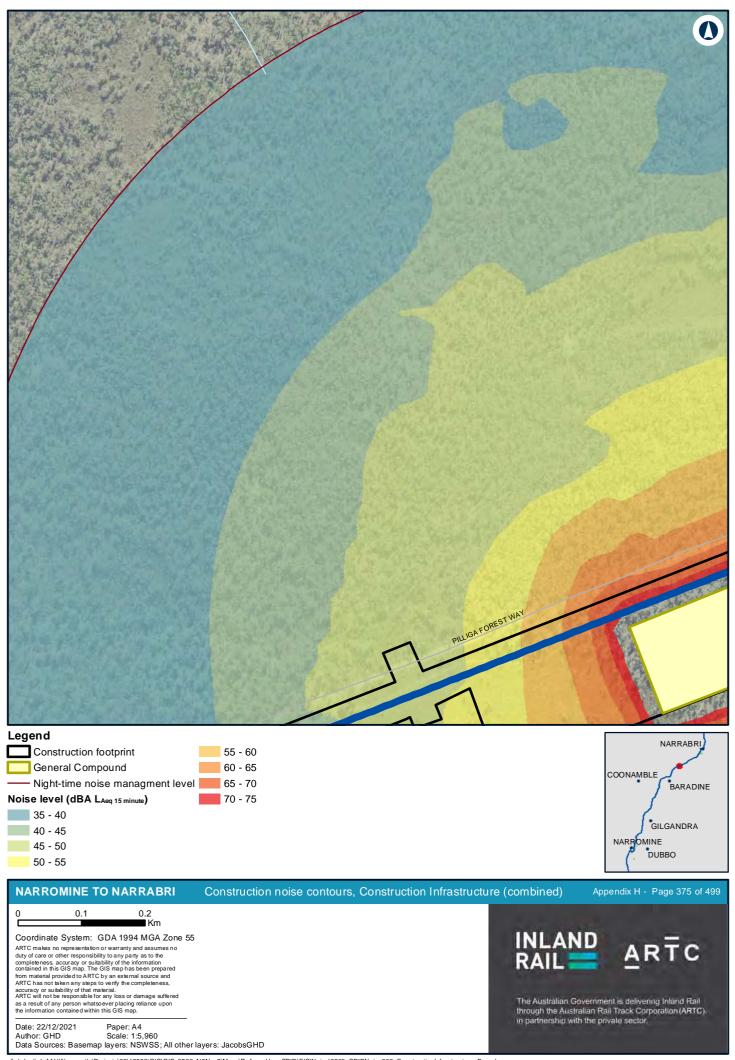
35 - 40

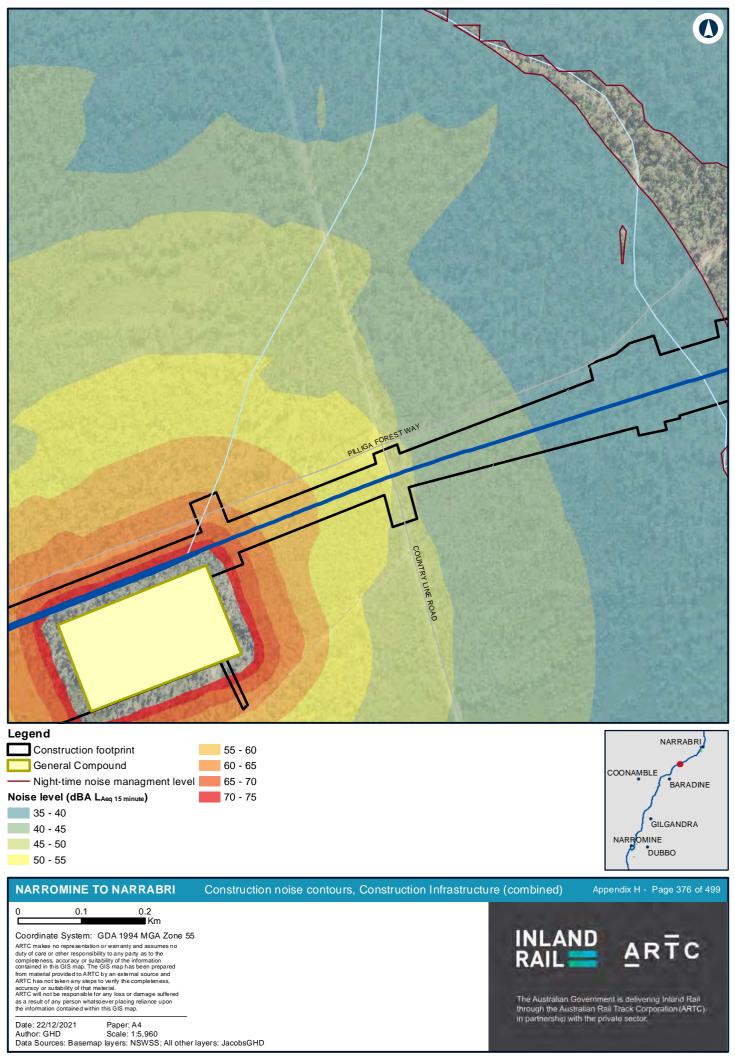


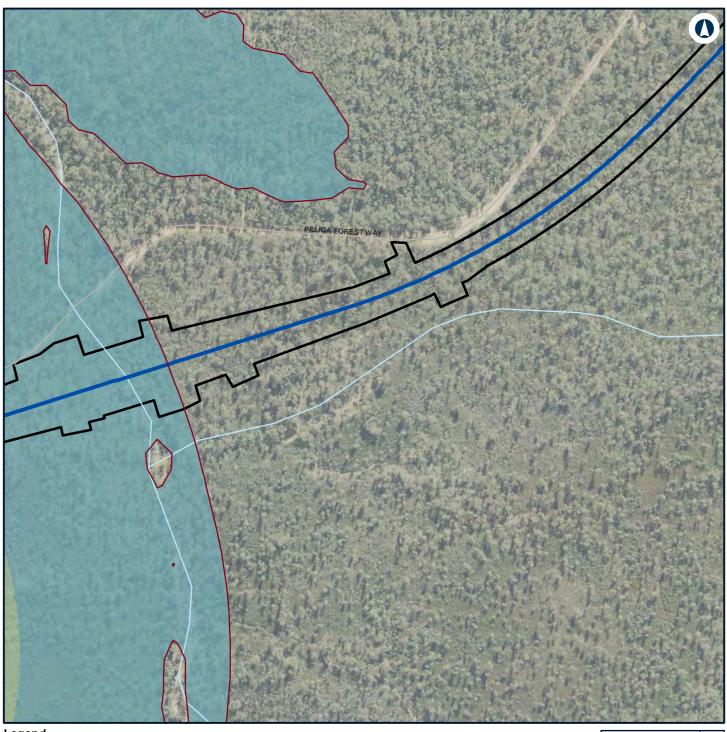












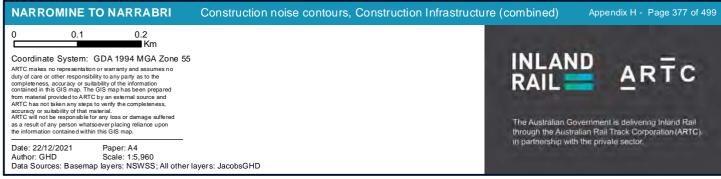
Construction footprint

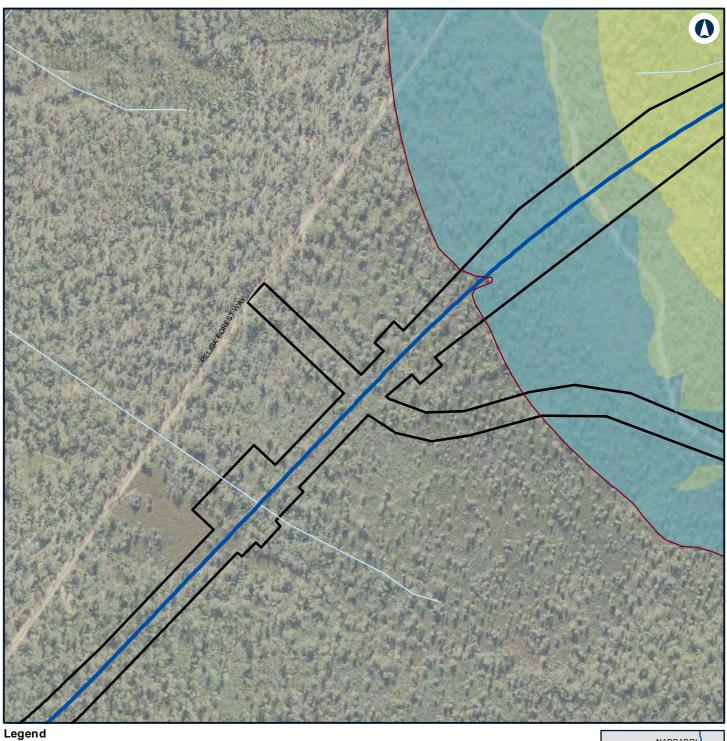
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







— Night-time noise managment level

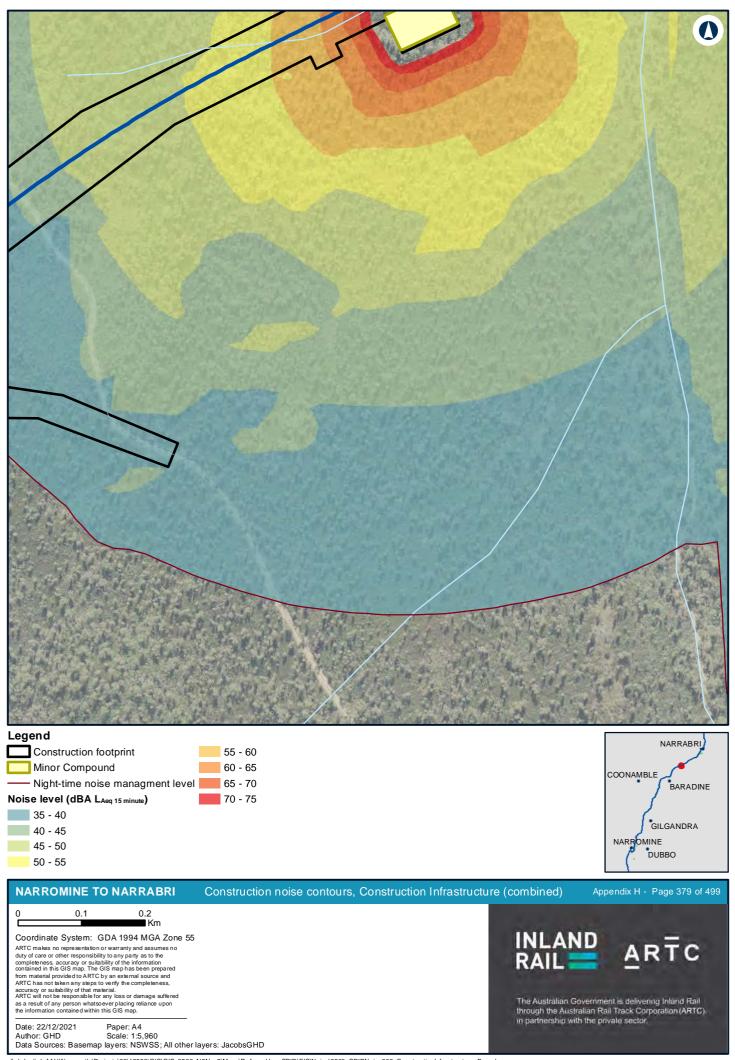
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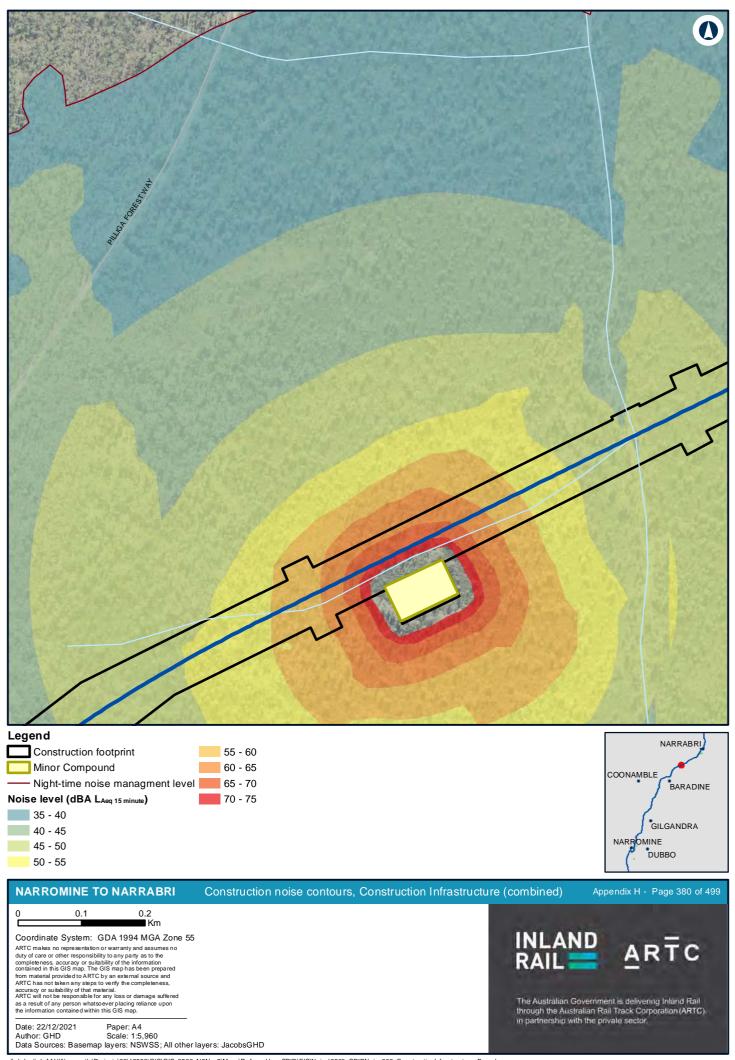
35 - 40

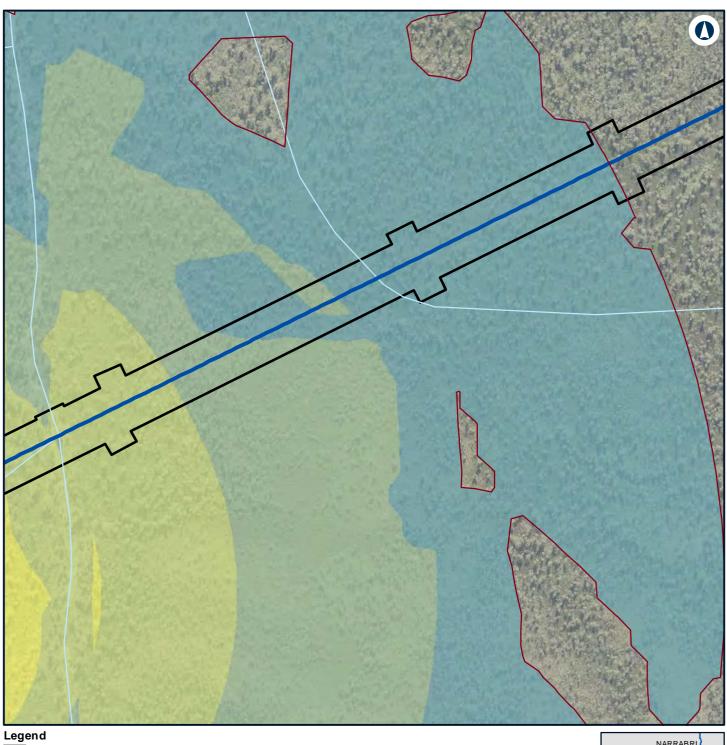
40 - 45











— Night-time noise managment level

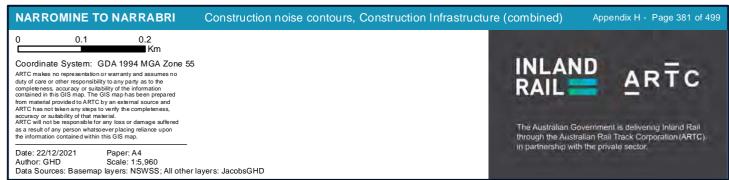
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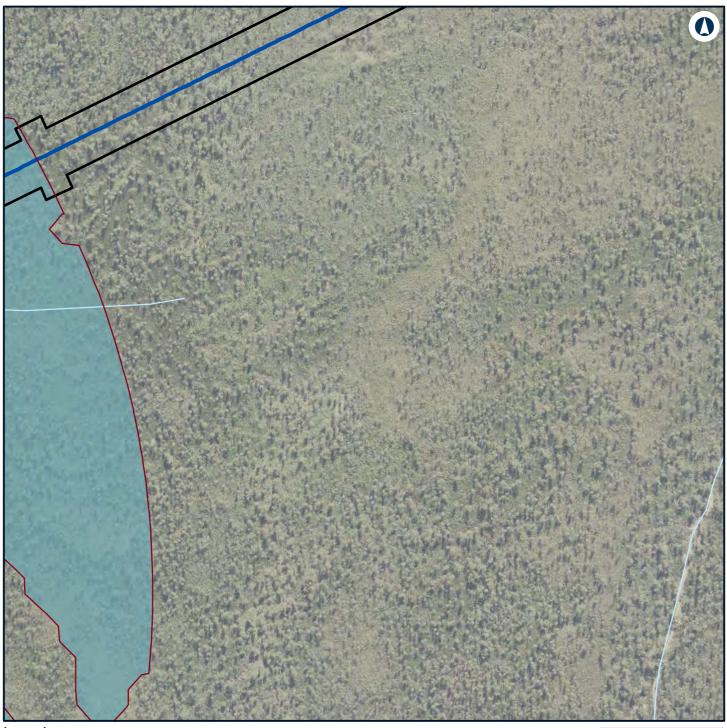
35 - 40

40 - 45

45 - 50







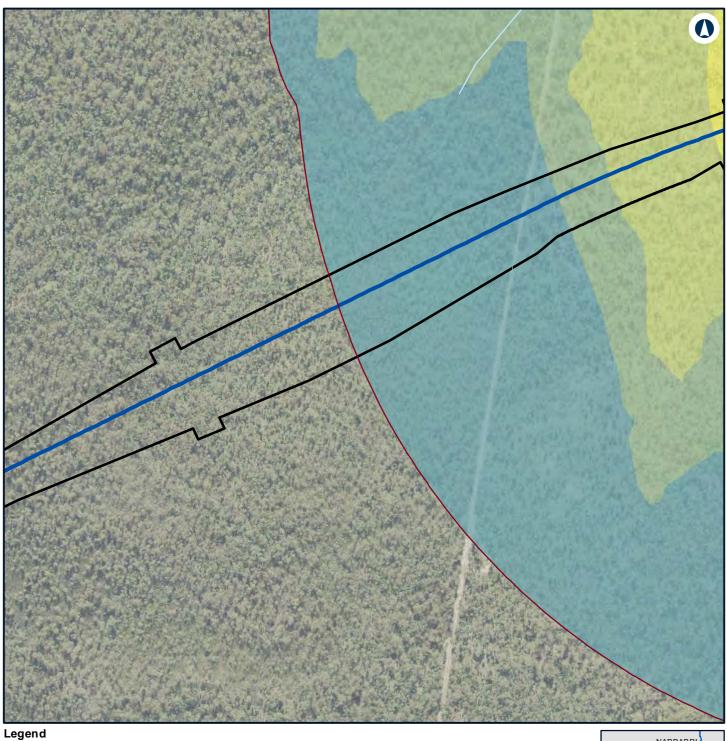
Construction footprint

---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)







— Night-time noise managment level

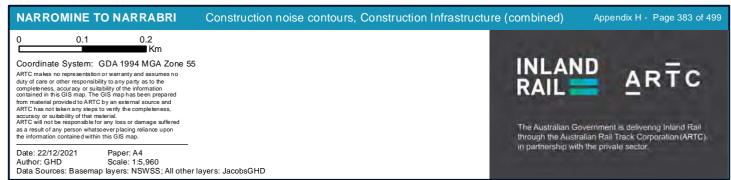
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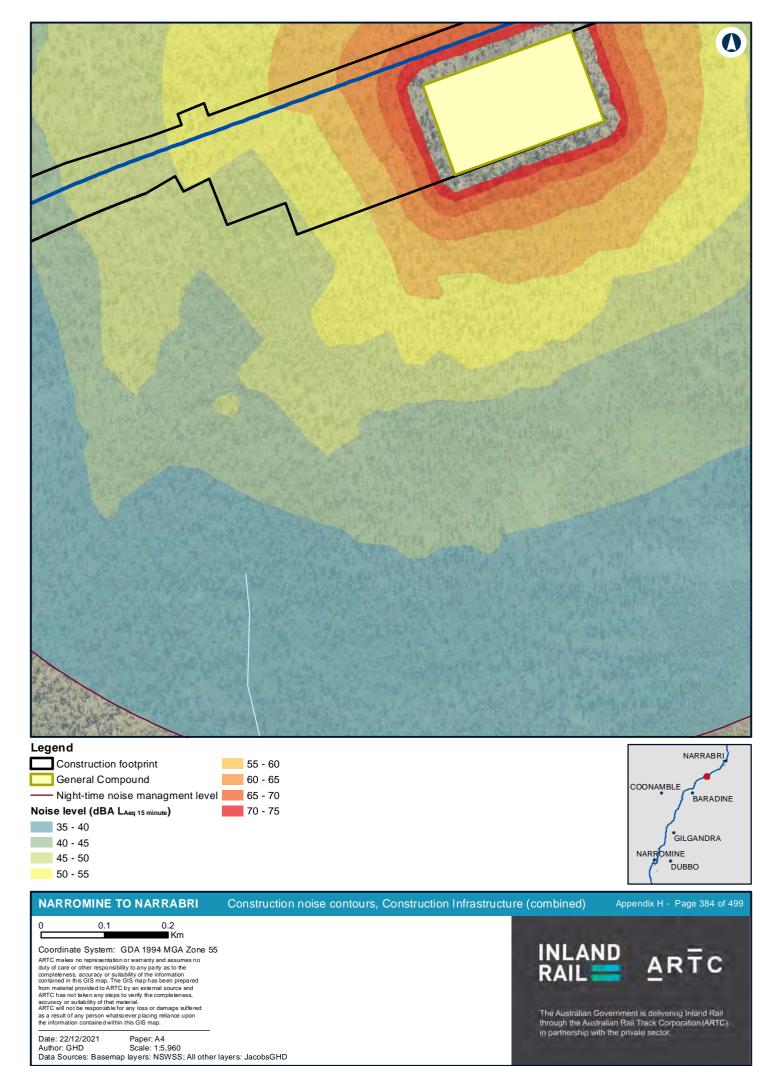
35 - 40

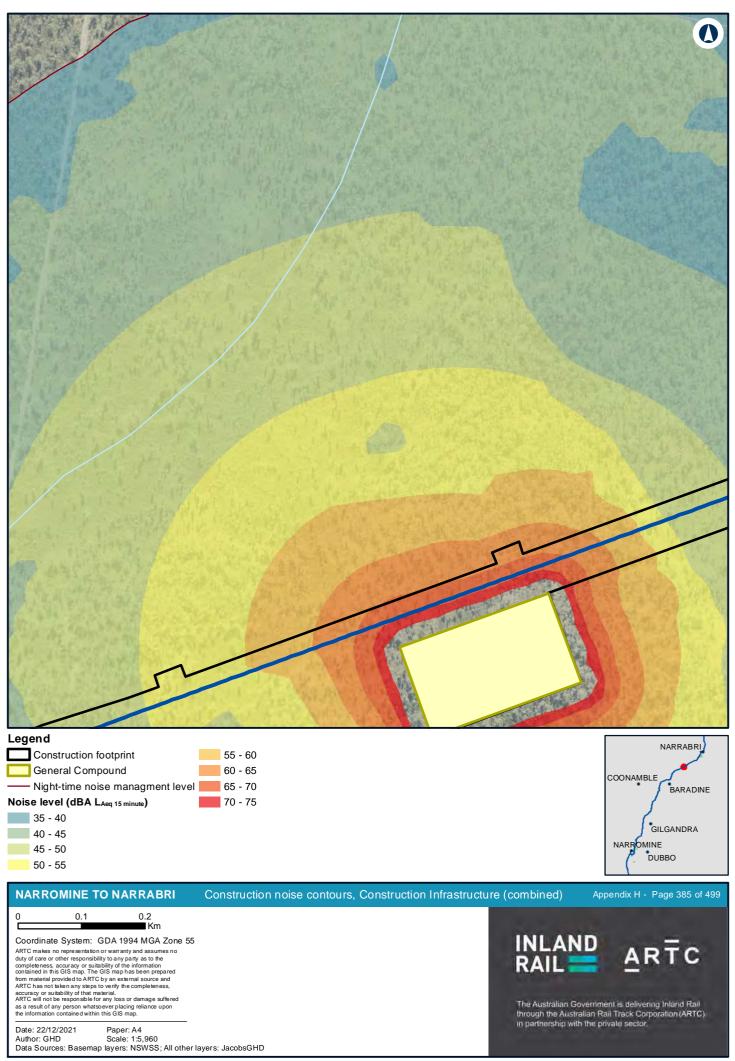
40 - 45

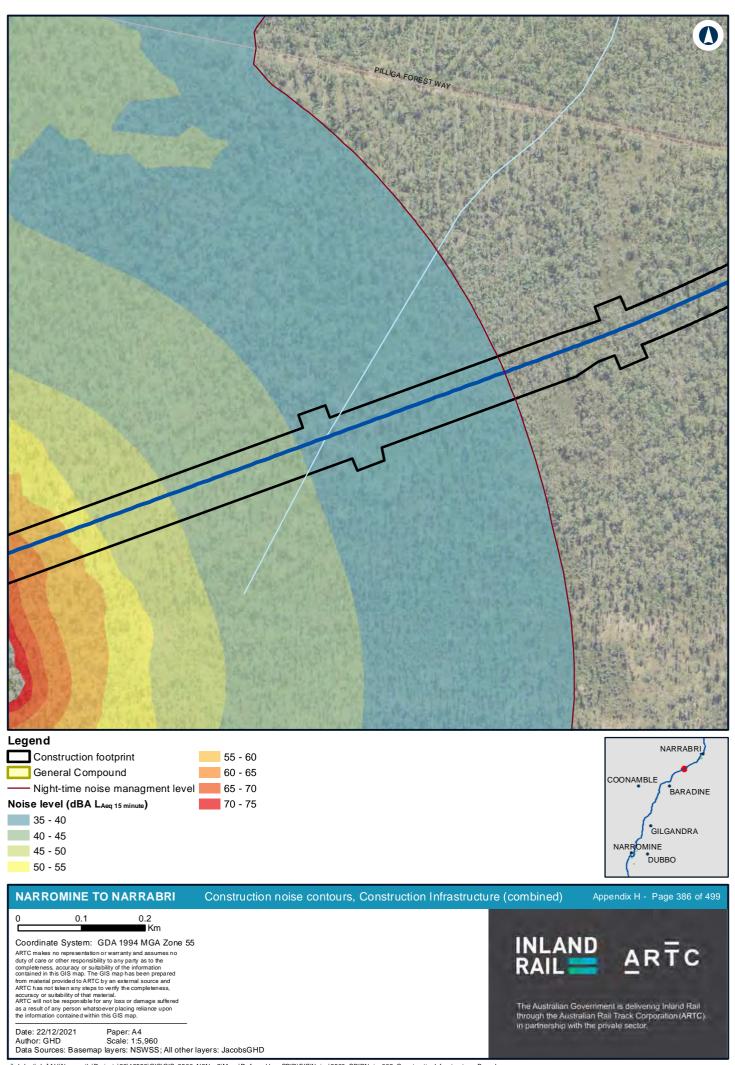
45 - 50

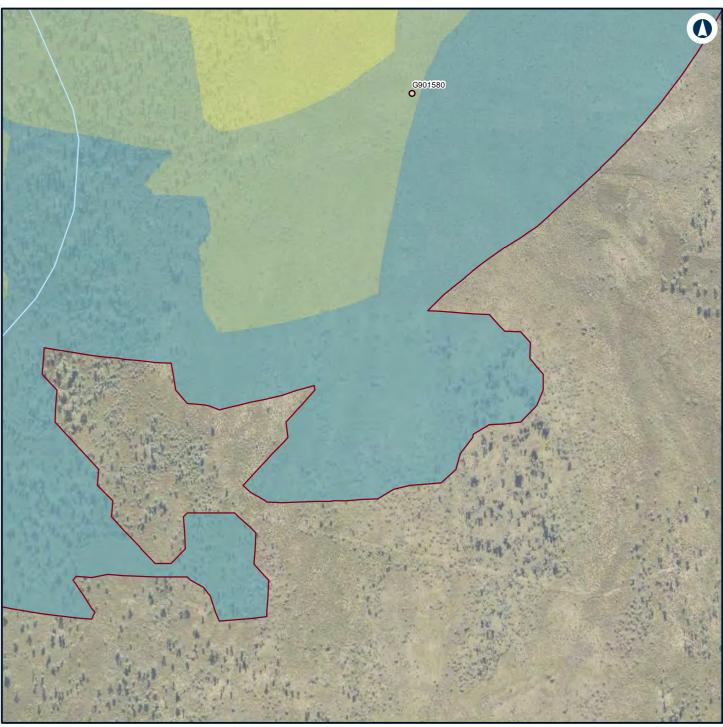












---- Night-time noise managment level

#### Structure type

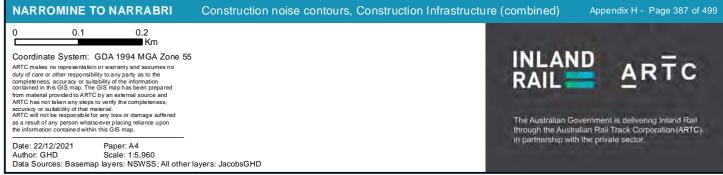
Passive recreation

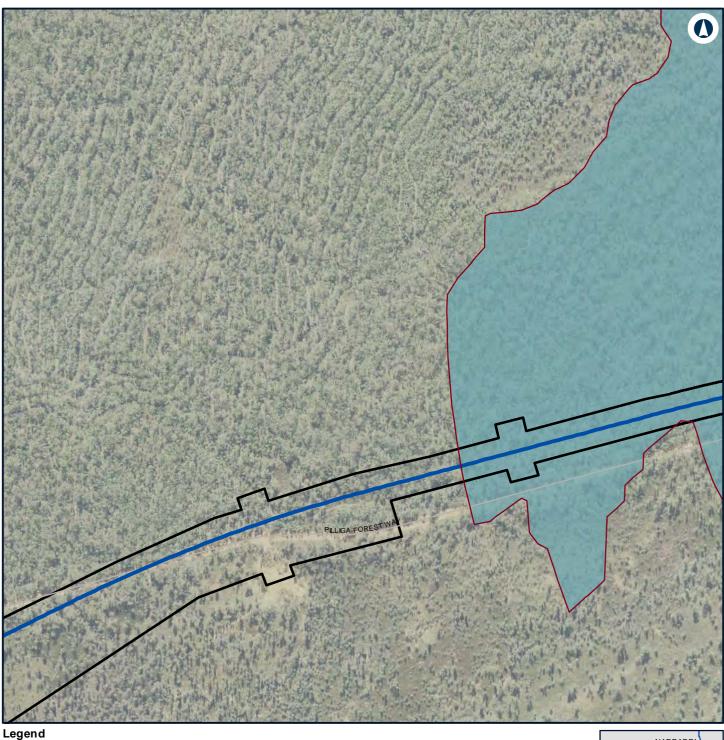
#### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45



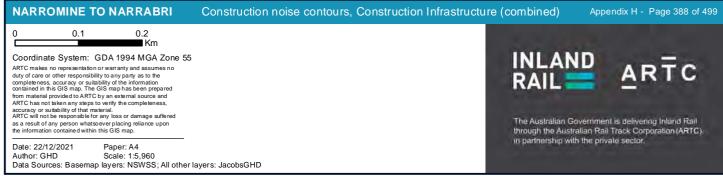


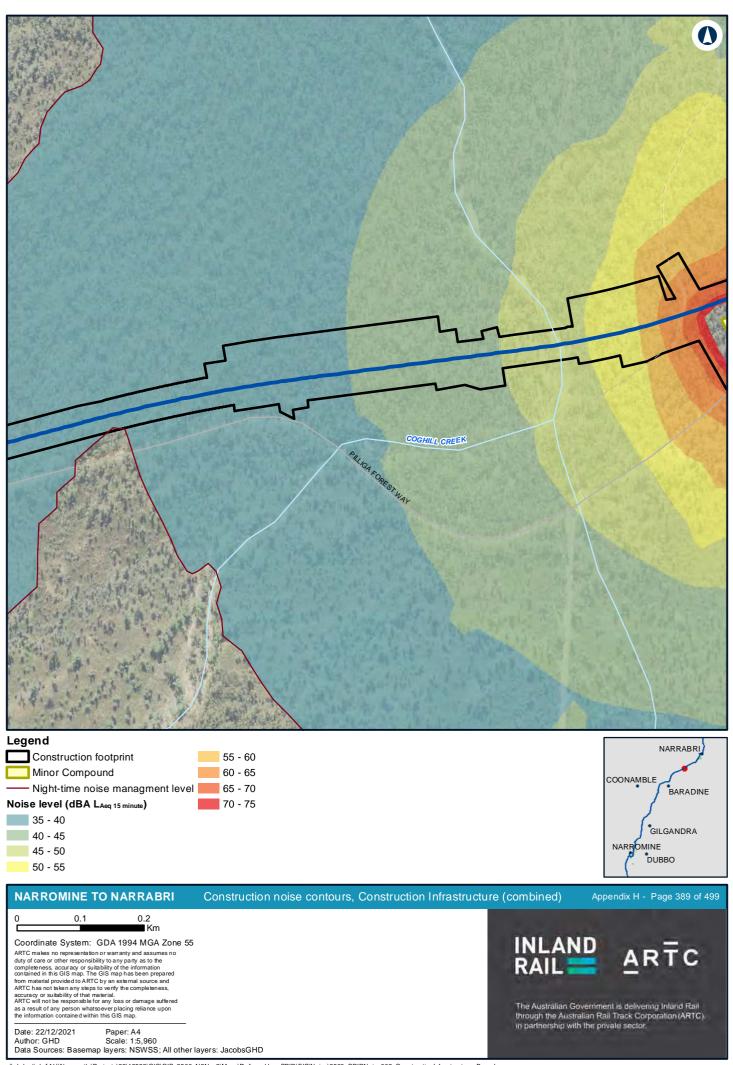


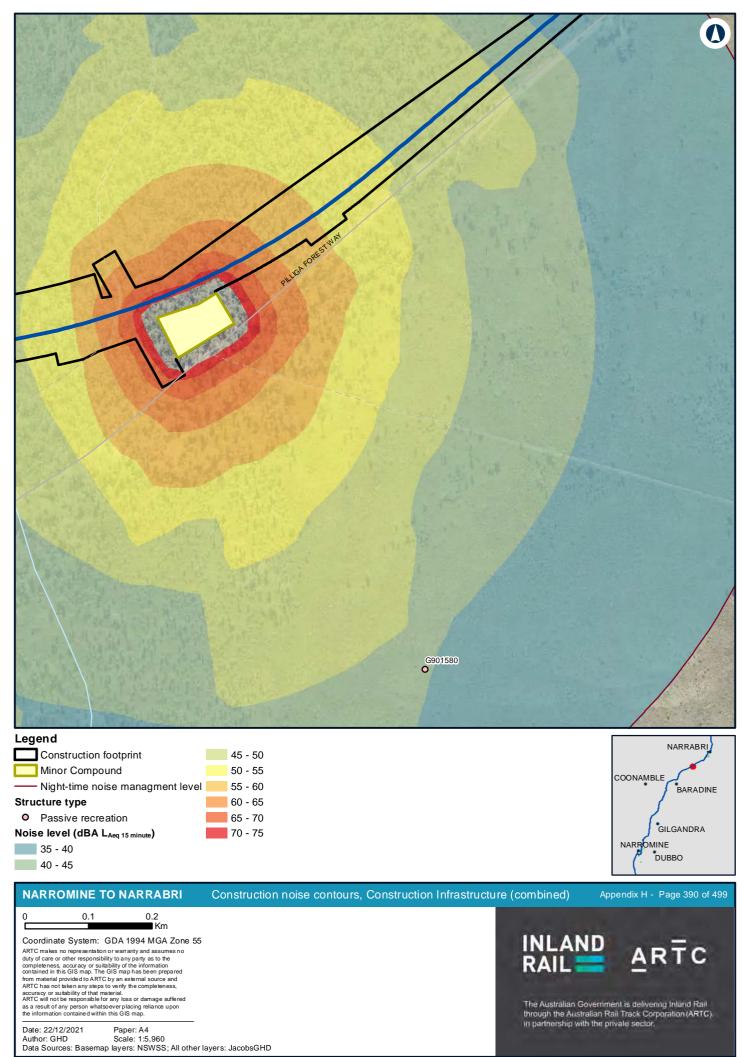
---- Night-time noise managment level

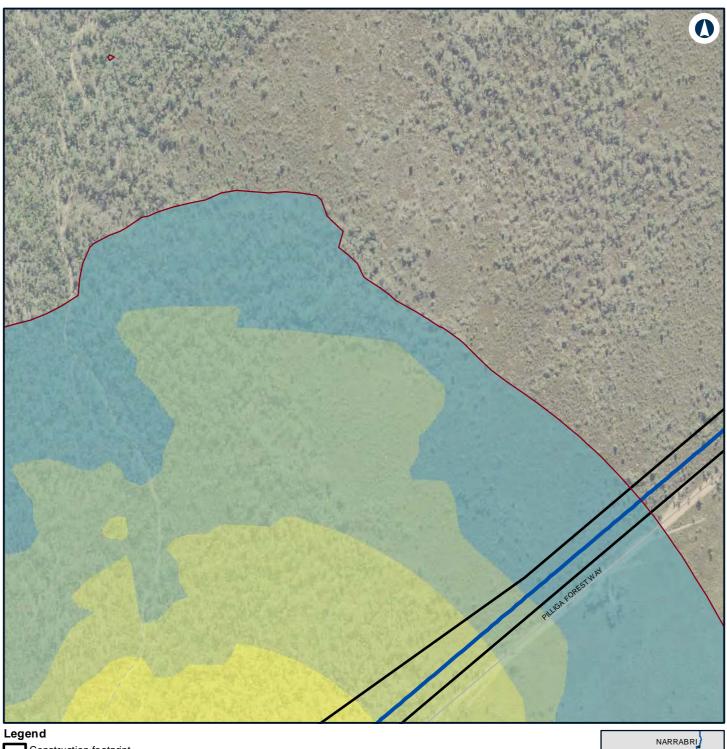
Noise level (dBA L<sub>Aeq 15 minute</sub>)













Night-time noise managment level

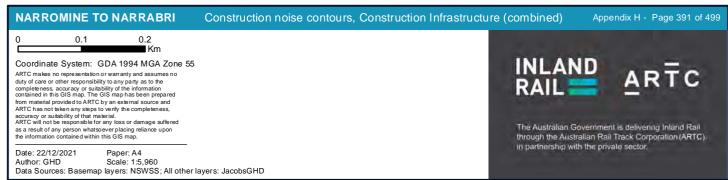
### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50





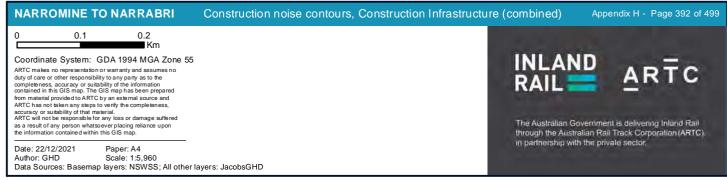


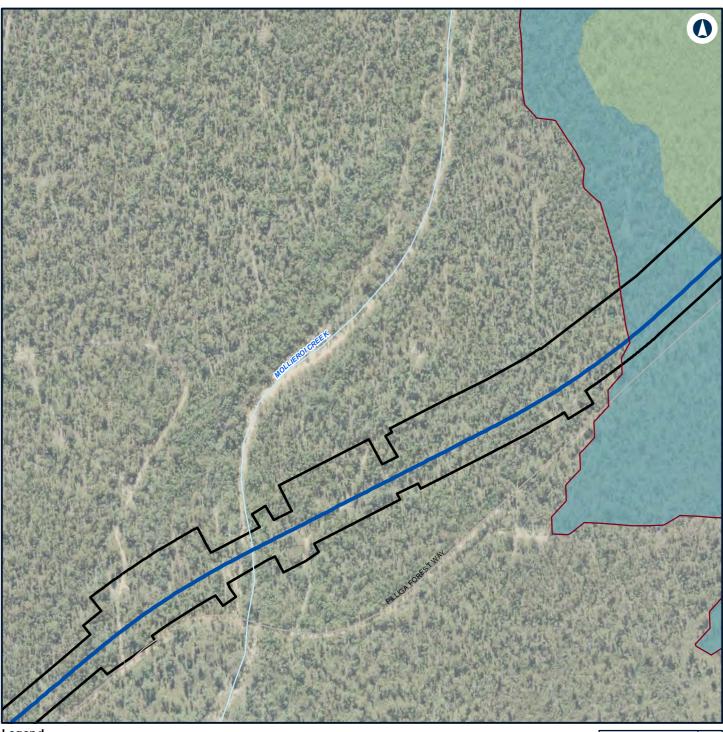
Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)







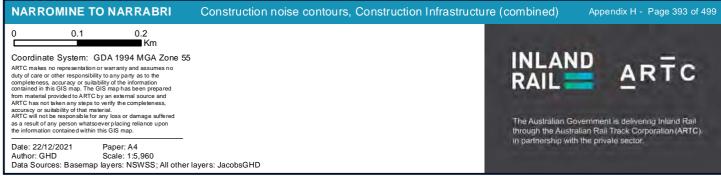
Construction footprint

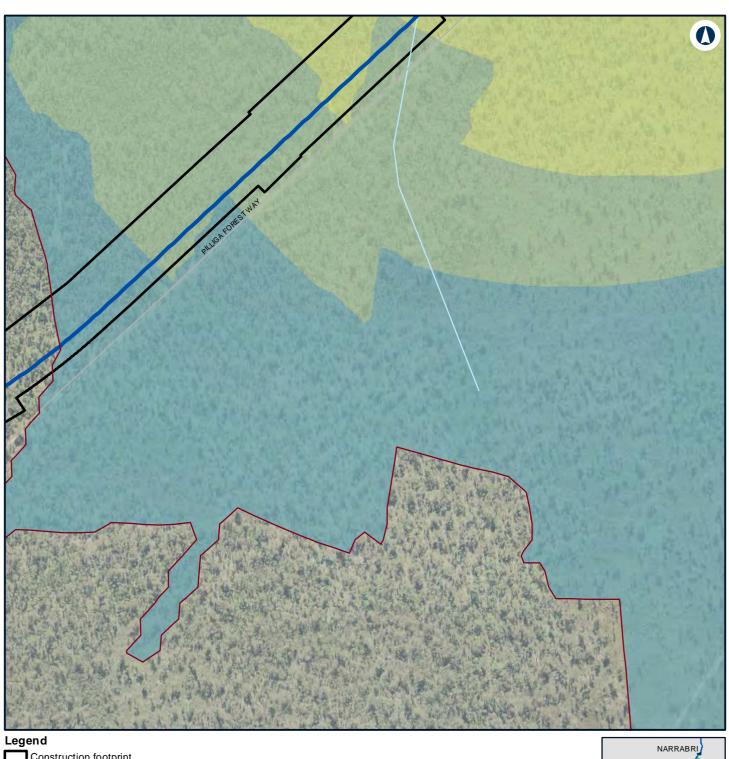
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







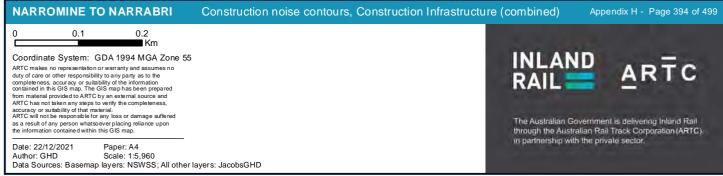
Night-time noise managment level

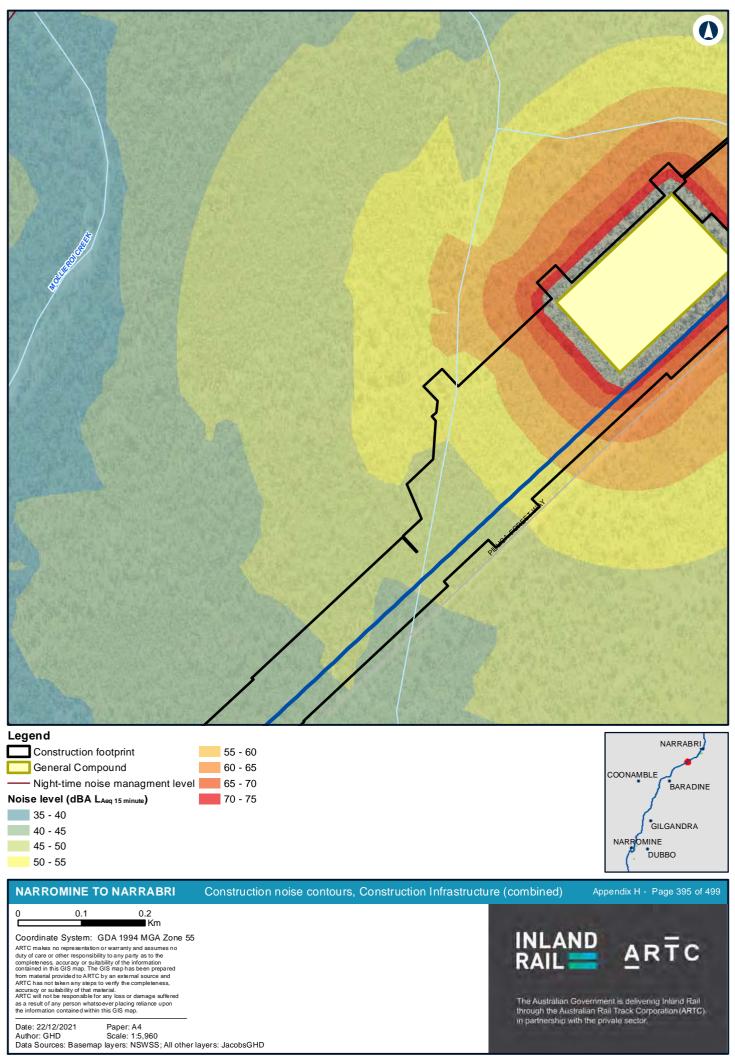
### Noise level (dBA LAeq 15 minute)

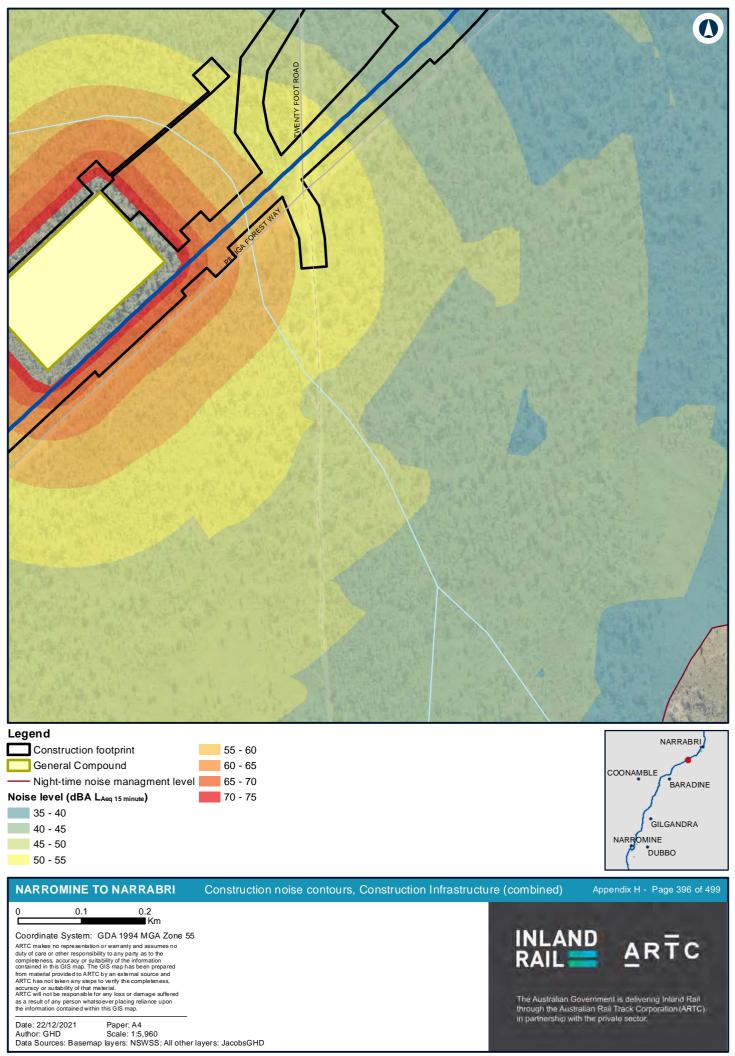
35 - 40

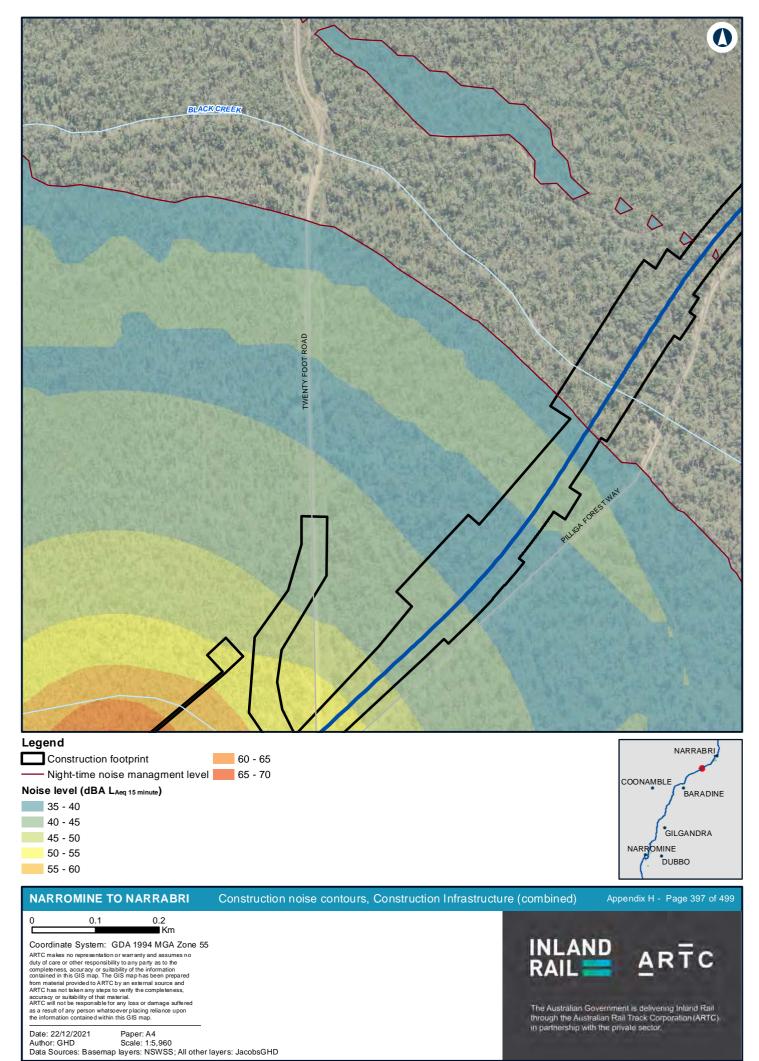
40 - 45

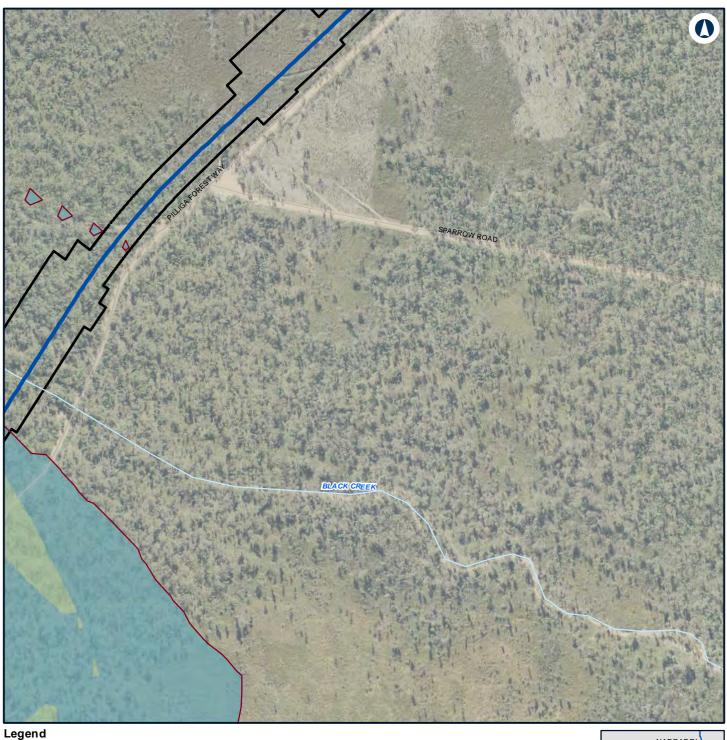










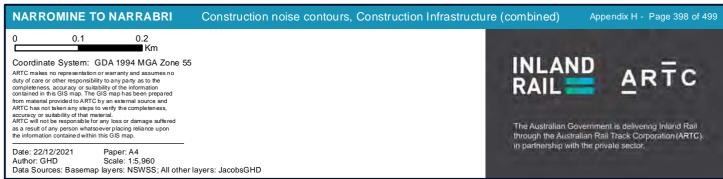


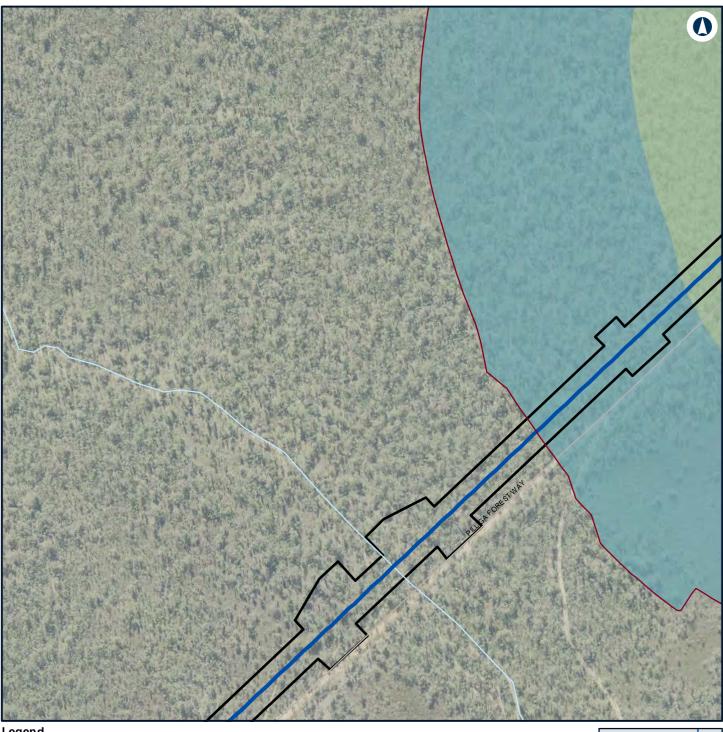
---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

Construction noise contours, Construction Infrastructure (combined)

DUBBO

BARADINE

GILGANDRA

COONAMBLE

NARROMINE

0.2 Km 0.1

NARROMINE TO NARRABRI

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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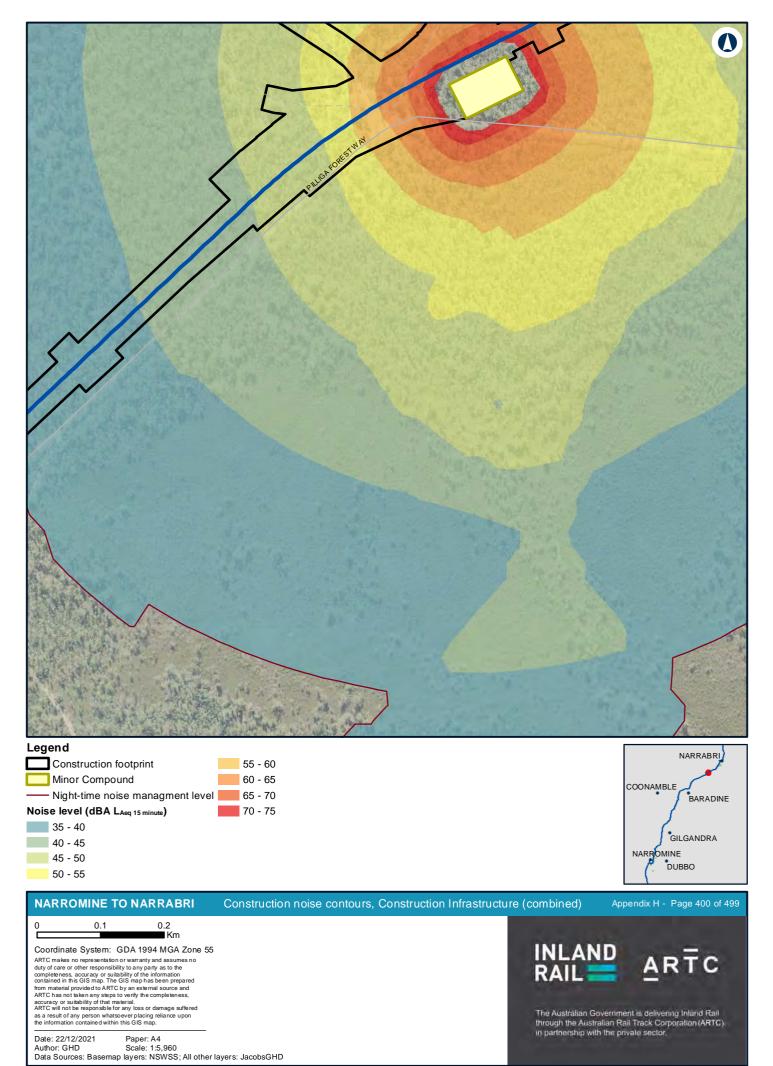
Date: 22/12/2021

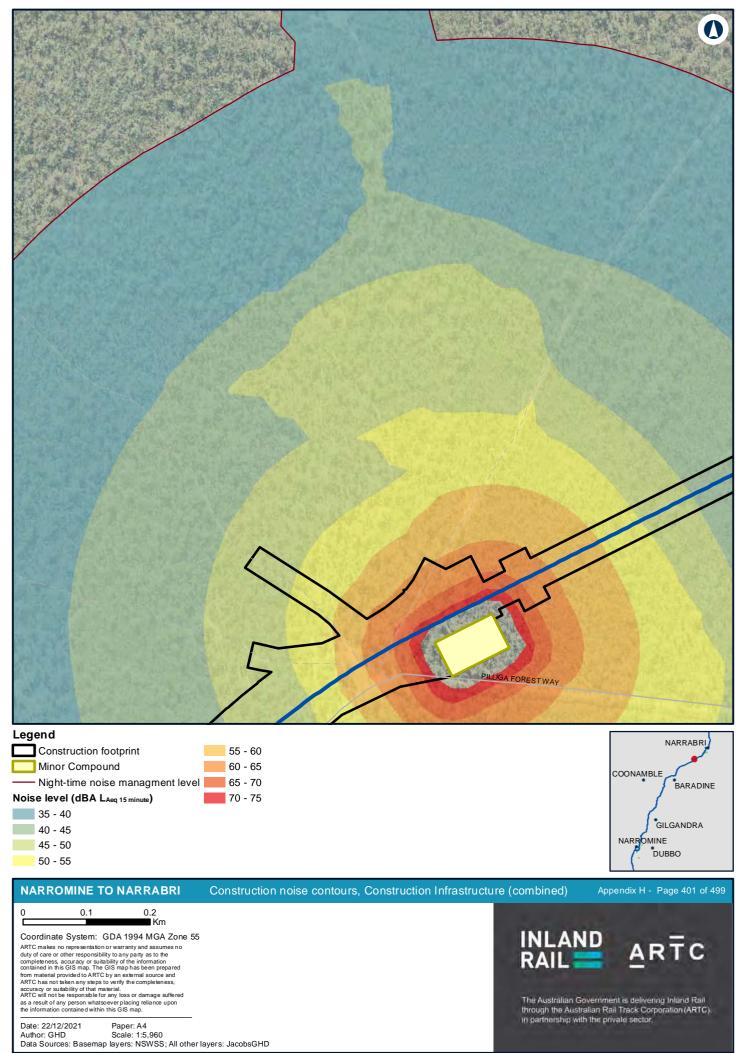
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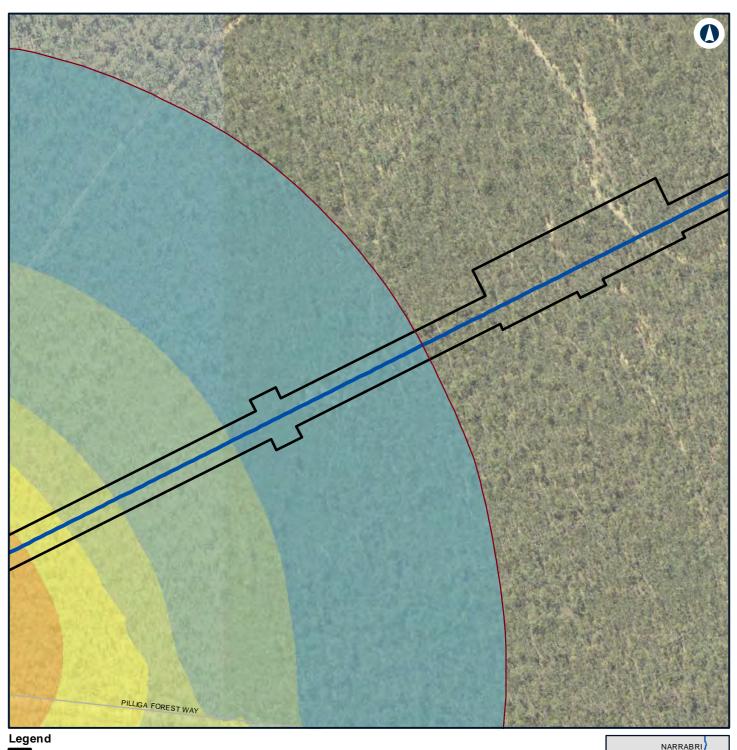
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

INLAND ARTC

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







Night-time noise managment level

## Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55 55 - 60

NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

DUBBO

BARADINE

GILGANDRA

COONAMBLE

NARROMINE

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

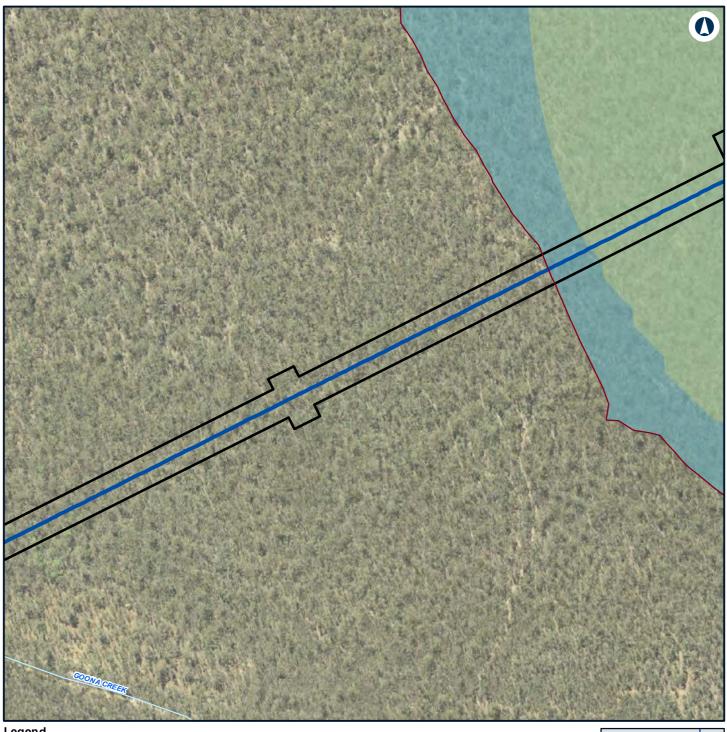
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Date: 22/12/2021

Paper: A4 Scale: 1:5,960 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD INLAND ARTC



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



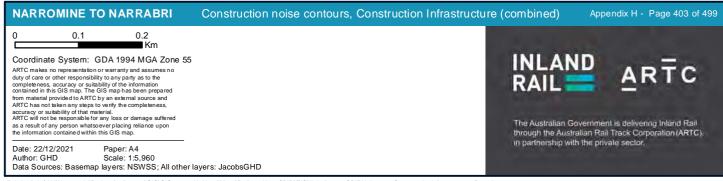
Construction footprint

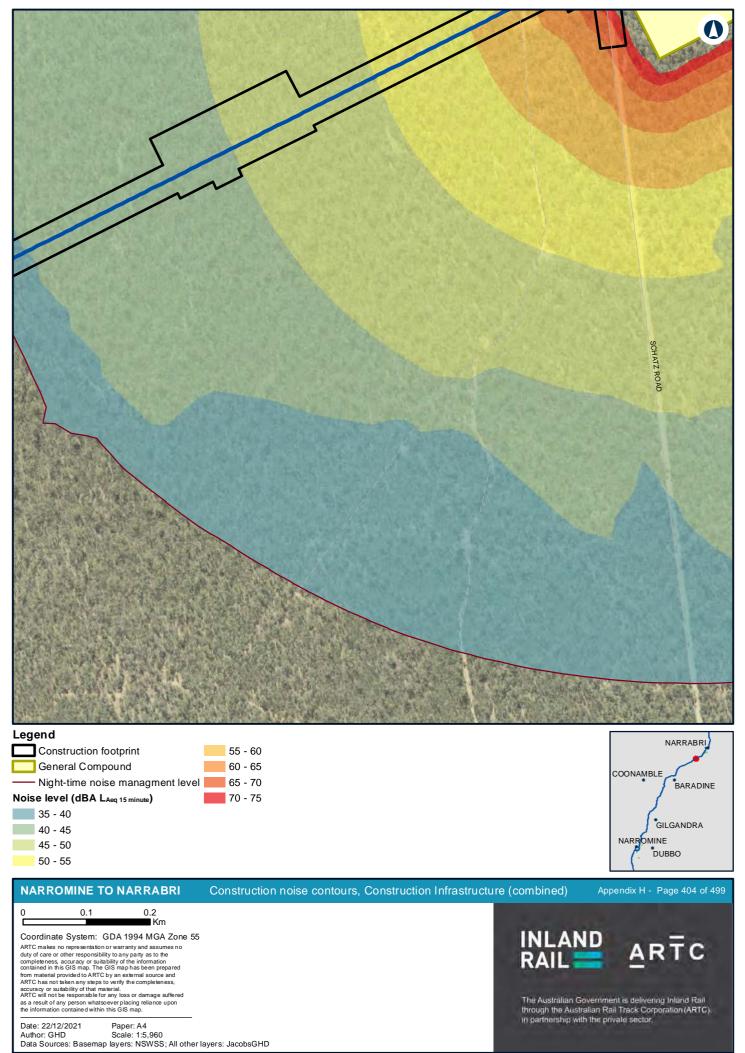
Night-time noise managment level

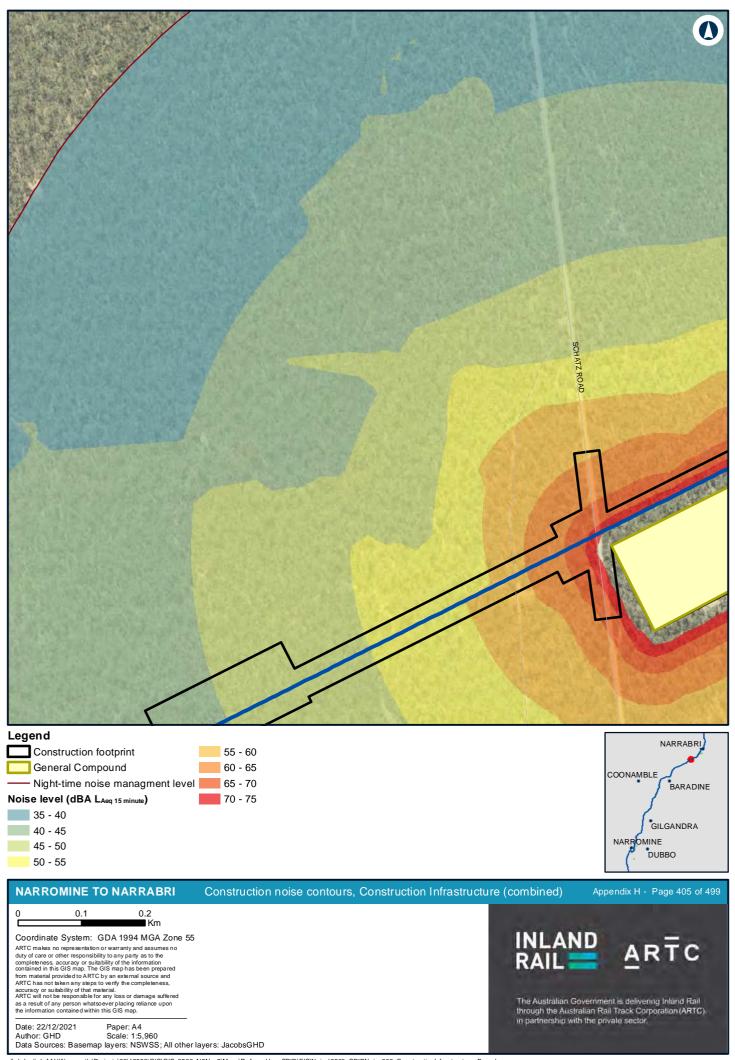
Noise level (dBA LAeq 15 minute)

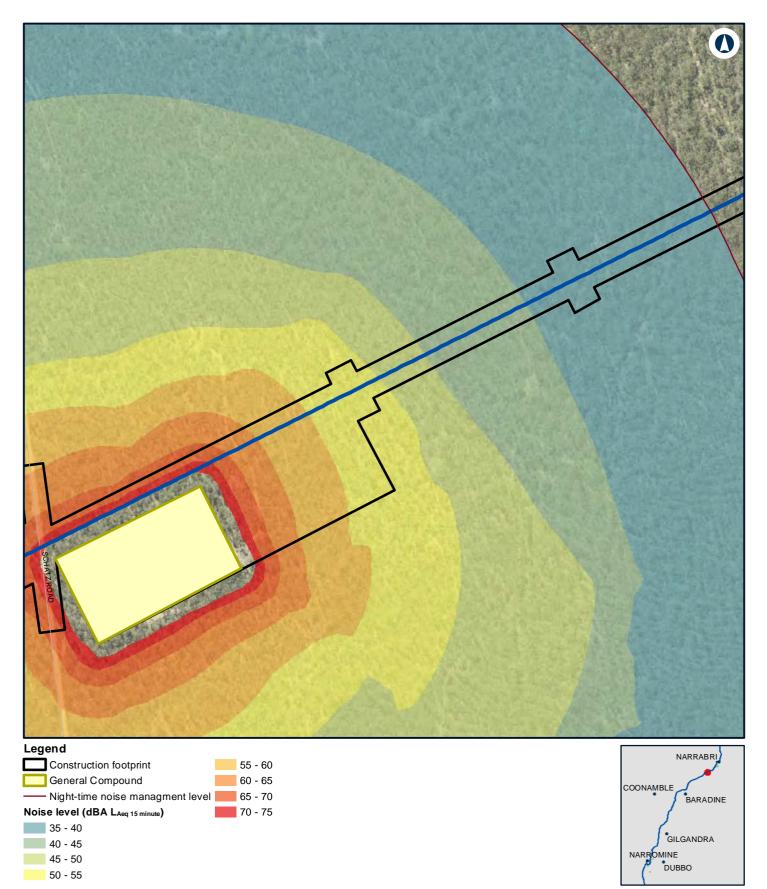
35 - 40















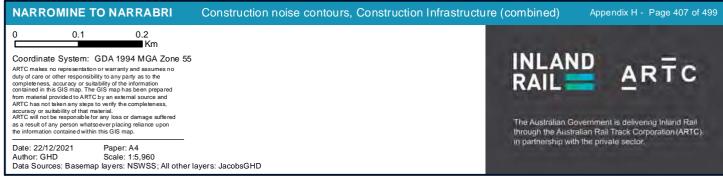
Construction footprint

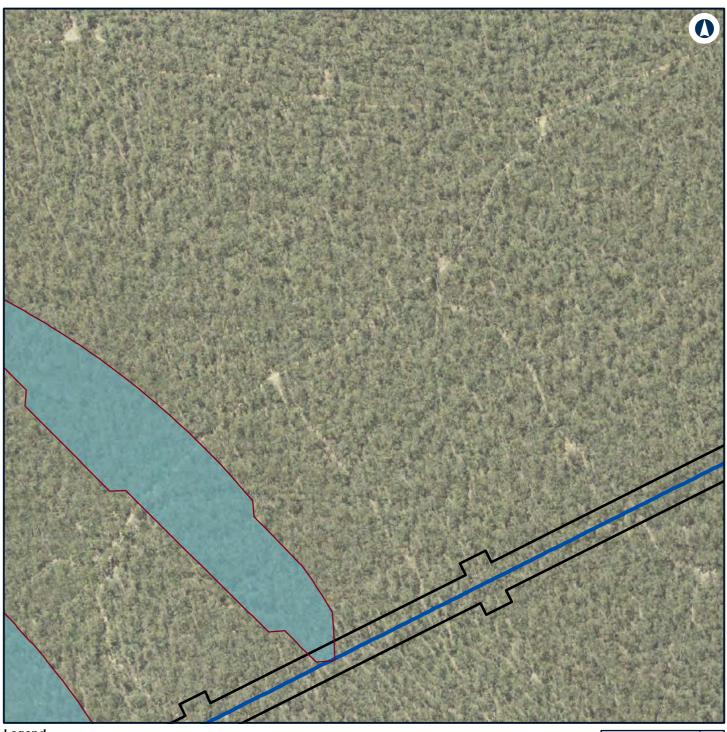
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







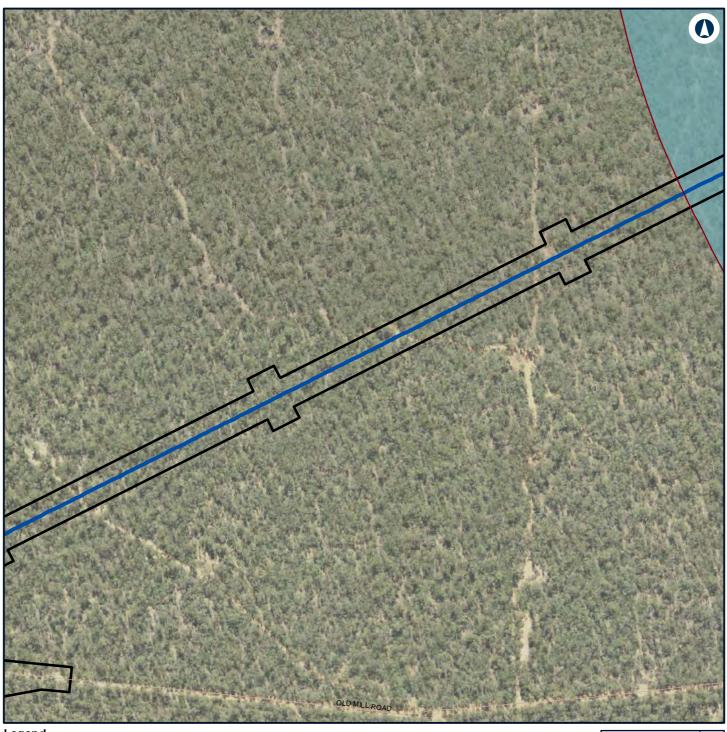
Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)





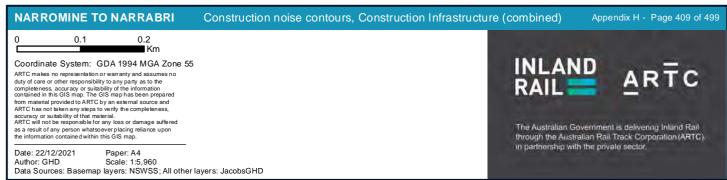


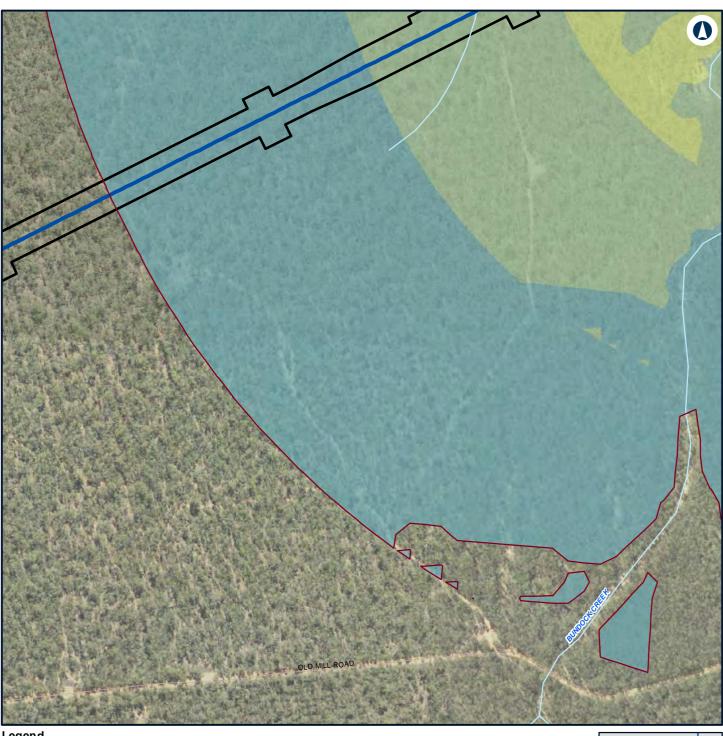
Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)







Construction footprint

Night-time noise managment level

## Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2 INLAND ARTC Coordinate System: GDA 1994 MGA Zone 55 COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC). In partnership with the private sector. Paper: A4 Scale: 1:5,960 Date: 22/12/2021 Author: GHD Scale: 1:5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



---- Night-time noise managment level

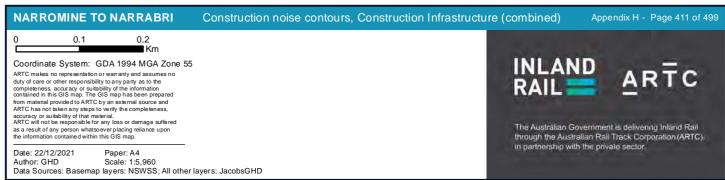
## Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







---- Night-time noise managment level

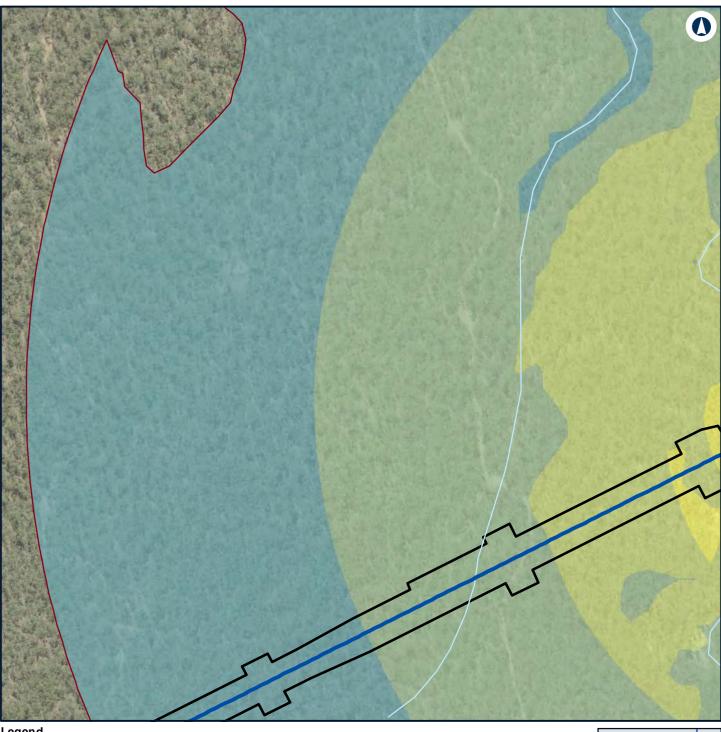
## Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







Construction footprint

---- Night-time noise managment level

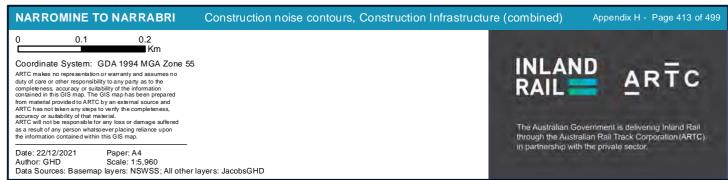
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

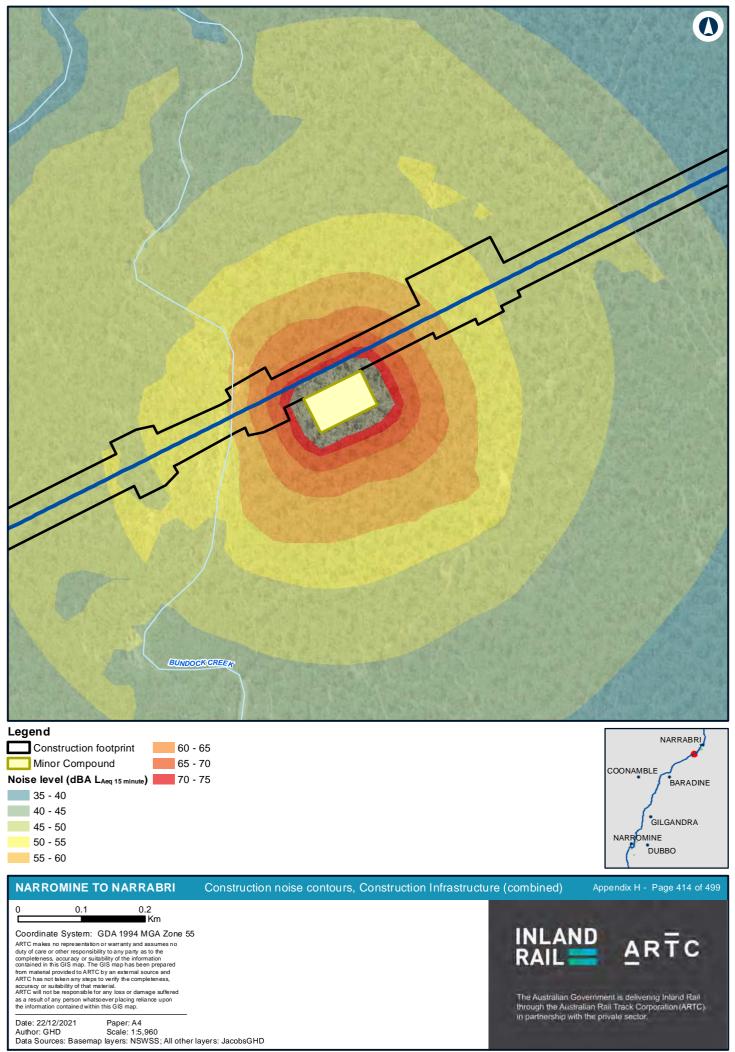
35 - 40

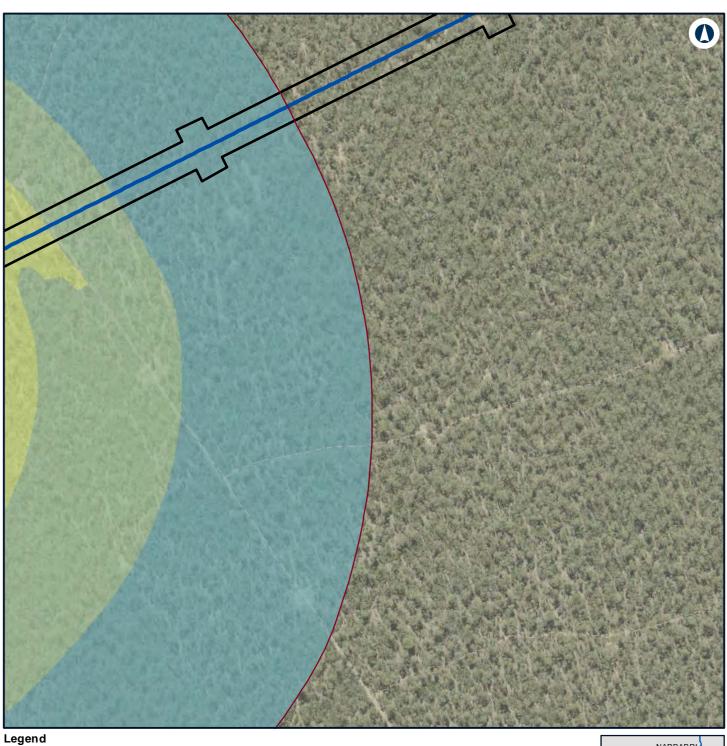
40 - 45

45 - 50









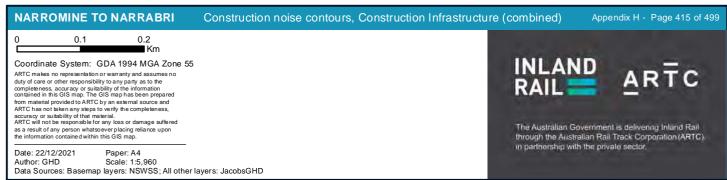
Night-time noise managment level

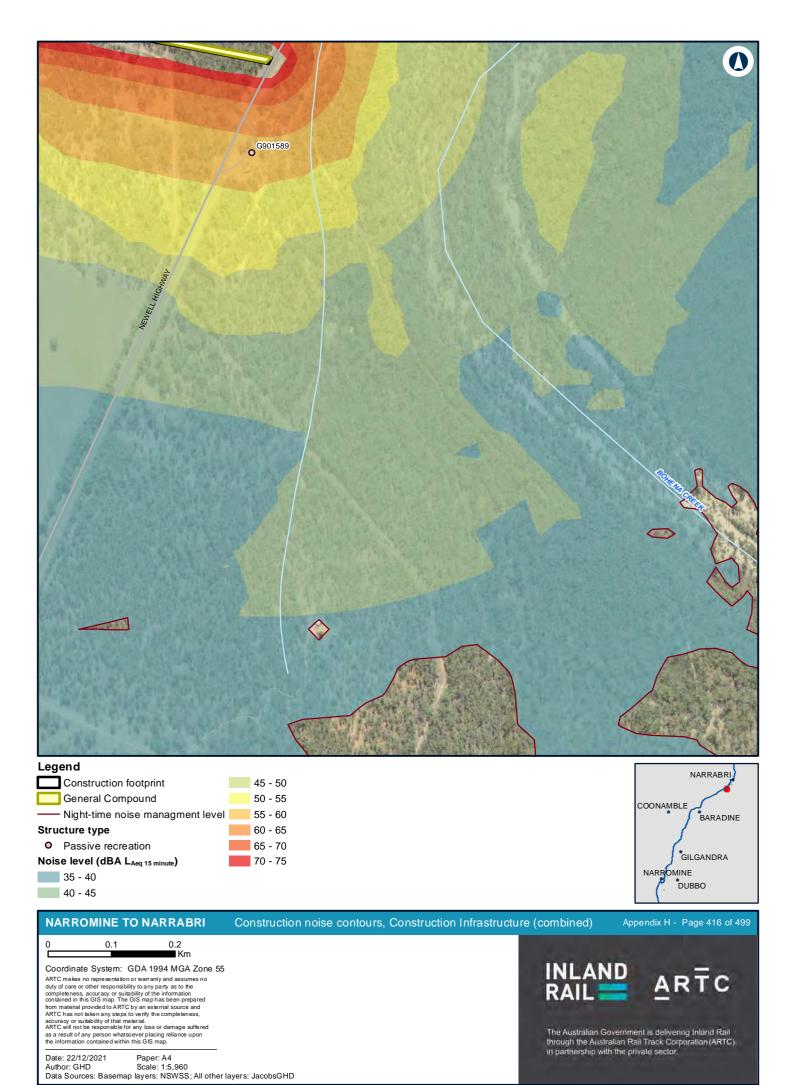
## Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45









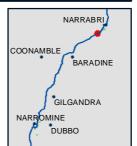


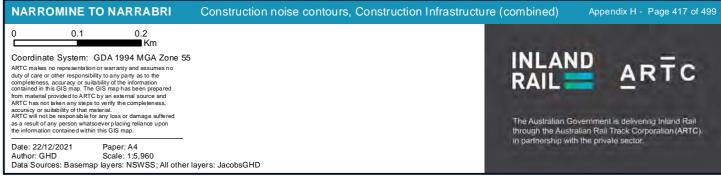
Construction footprint

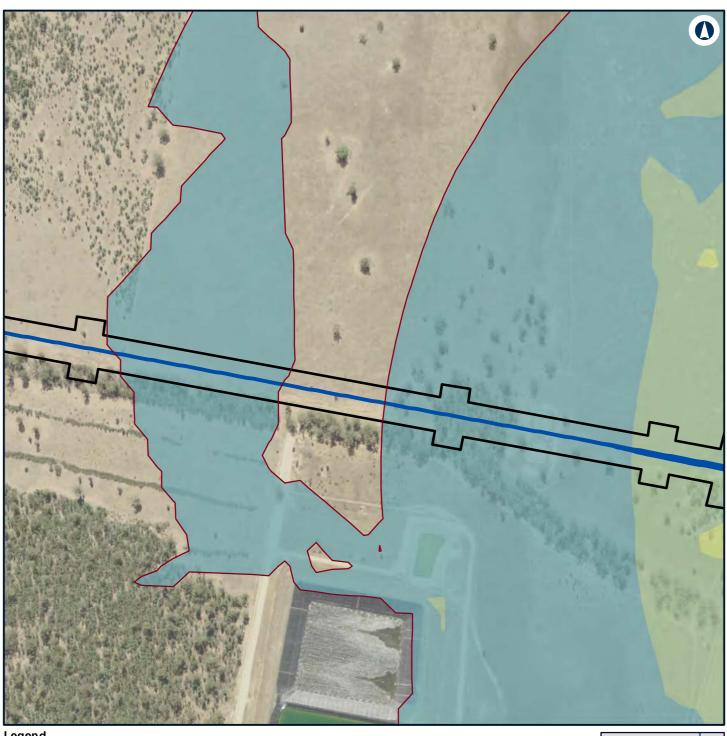
Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40









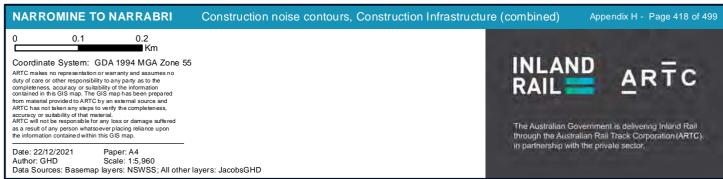
Night-time noise managment level

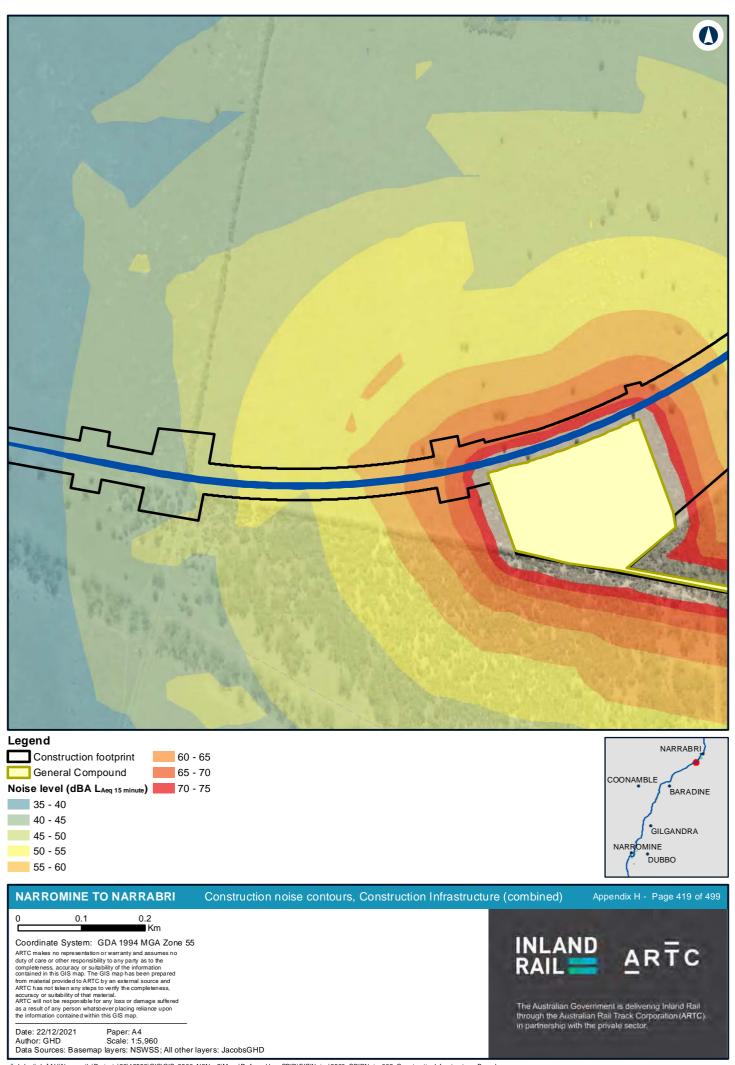
## Noise level (dBA LAeq 15 minute)

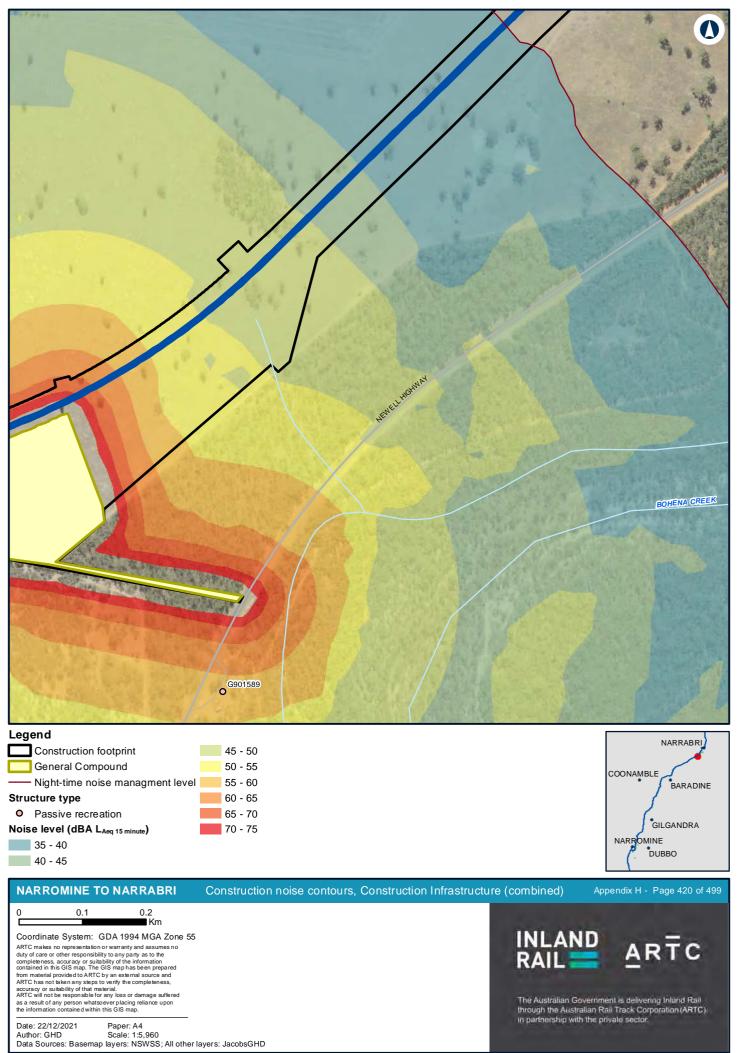
35 - 40

40 - 45











---- Night-time noise managment level

## Structure type

Residential

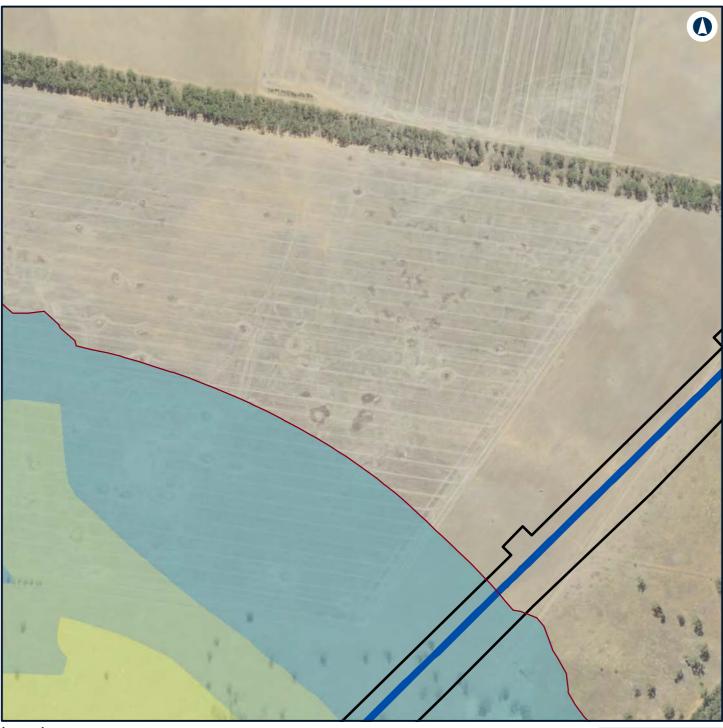
#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45









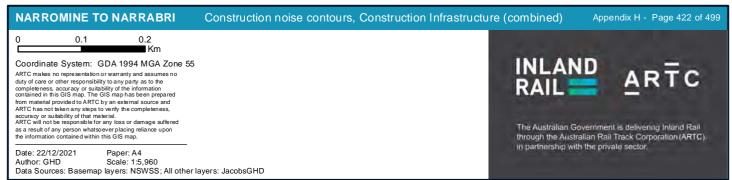
— Night-time noise managment level

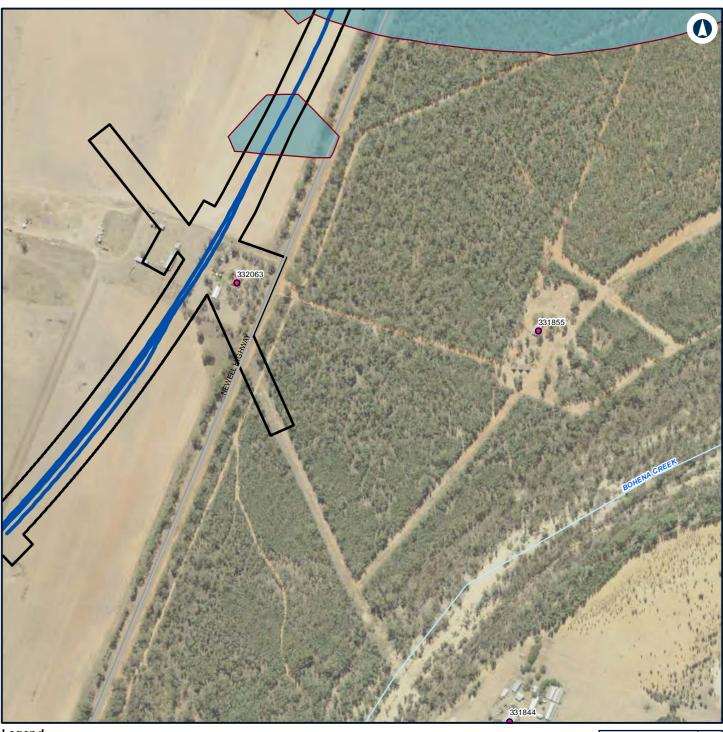
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







Construction footprint

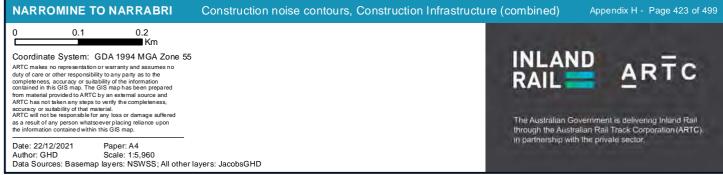
Night-time noise managment level

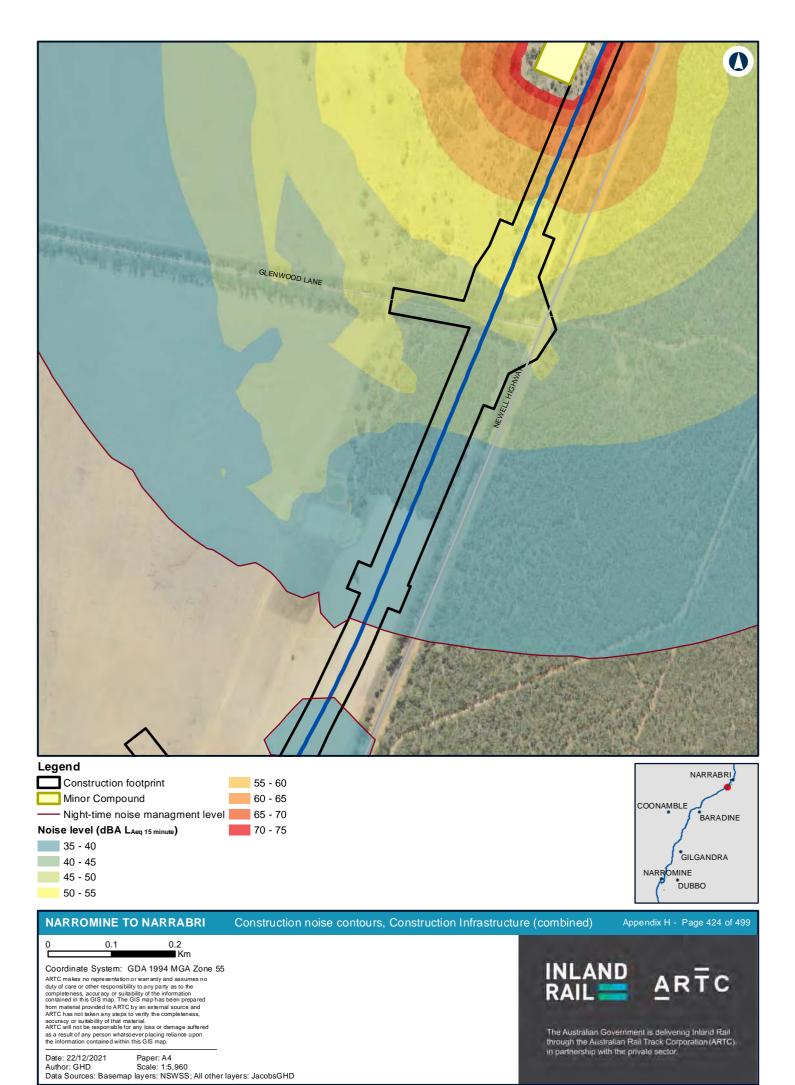
## Structure type

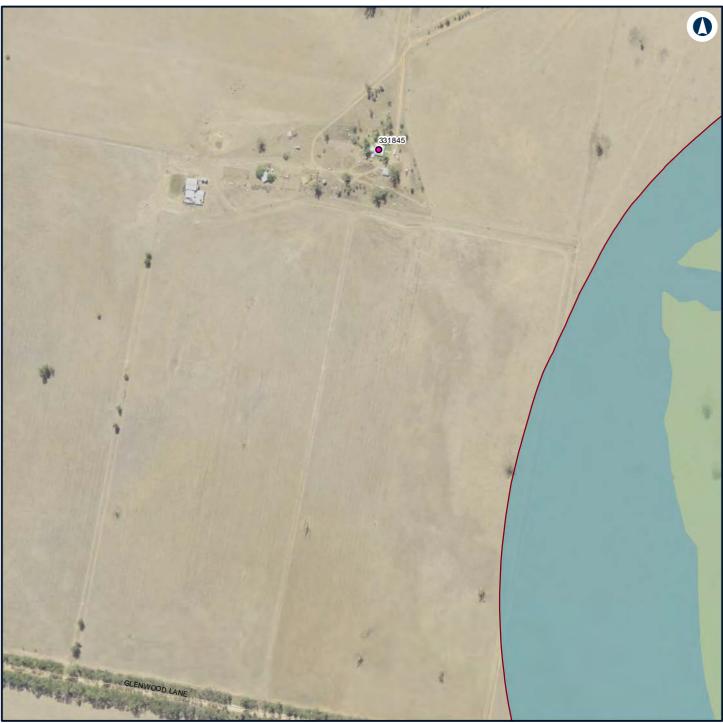
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)









---- Night-time noise managment level

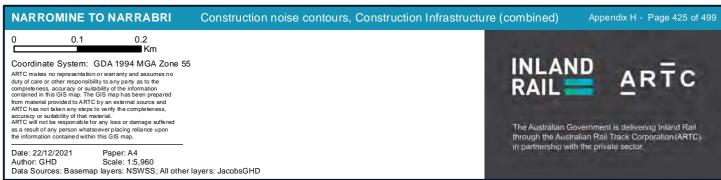
## Structure type

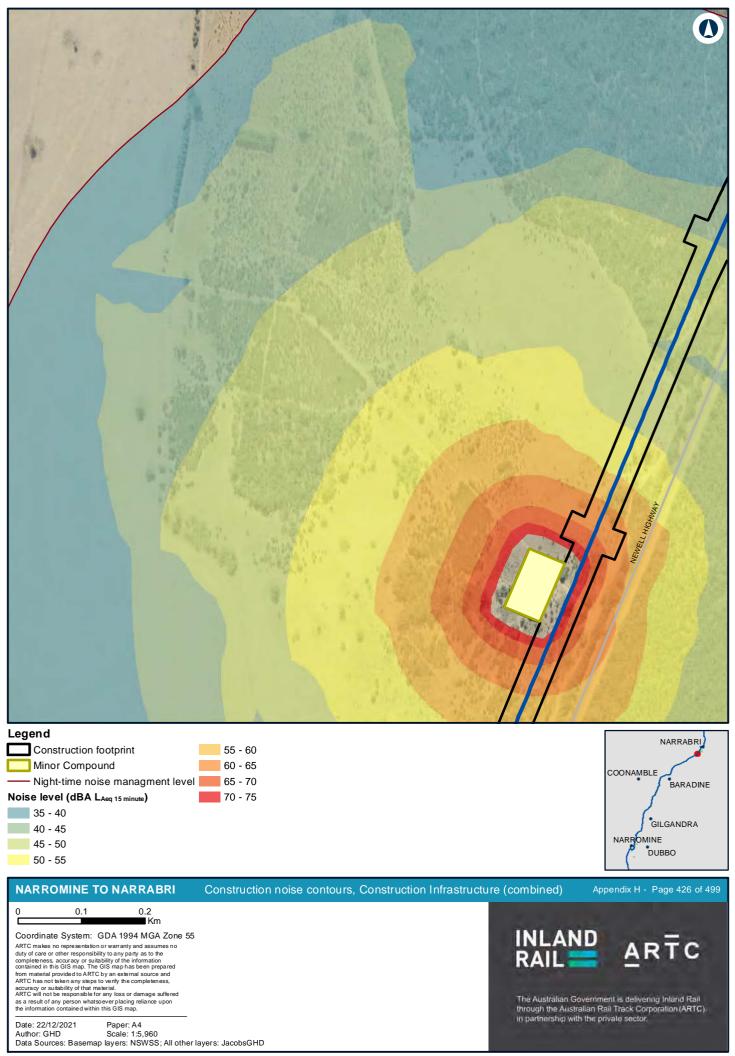
Residential

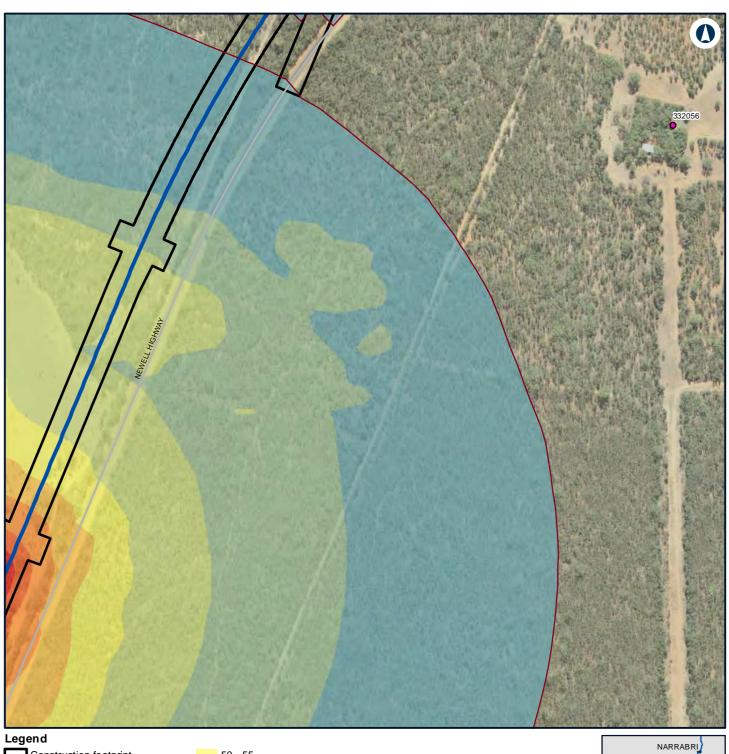
Noise level (dBA L<sub>Aeq 15 minute</sub>)

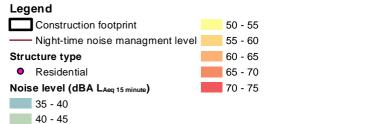
35 - 40



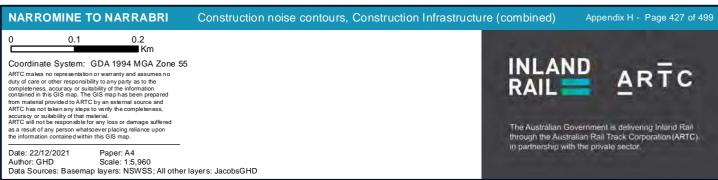














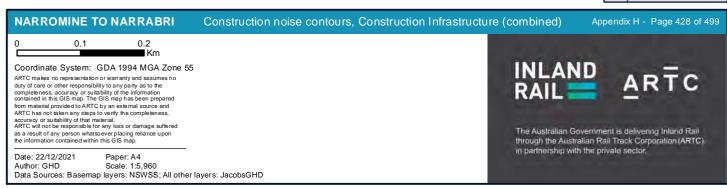
---- Night-time noise managment level

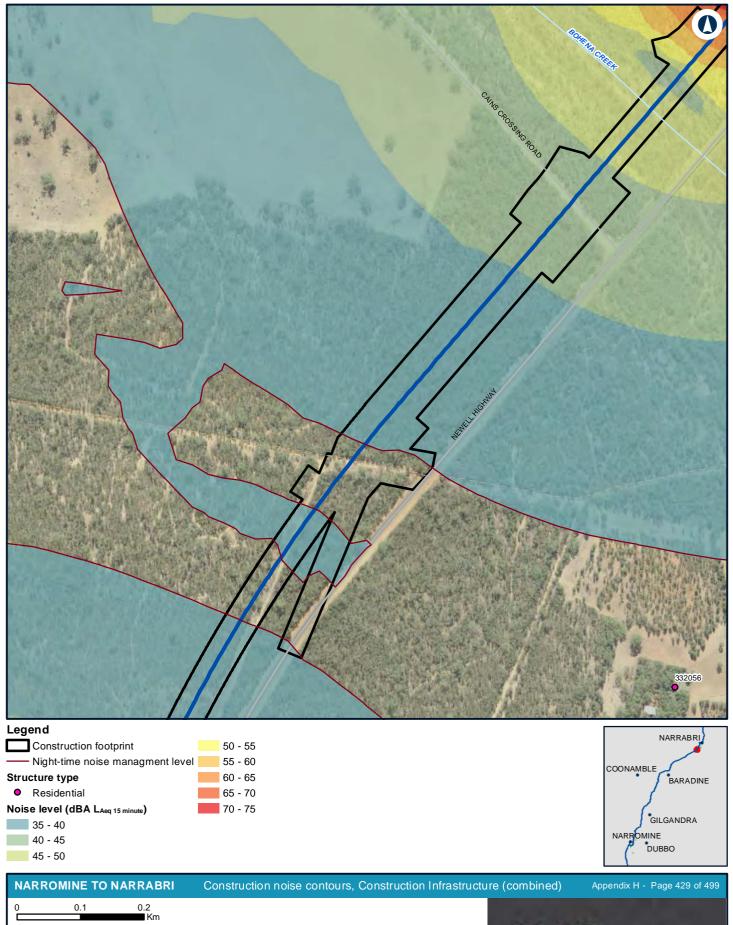
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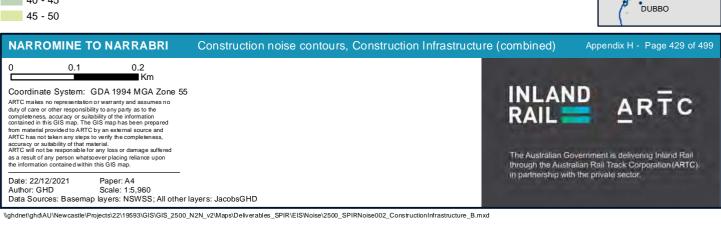
Residential

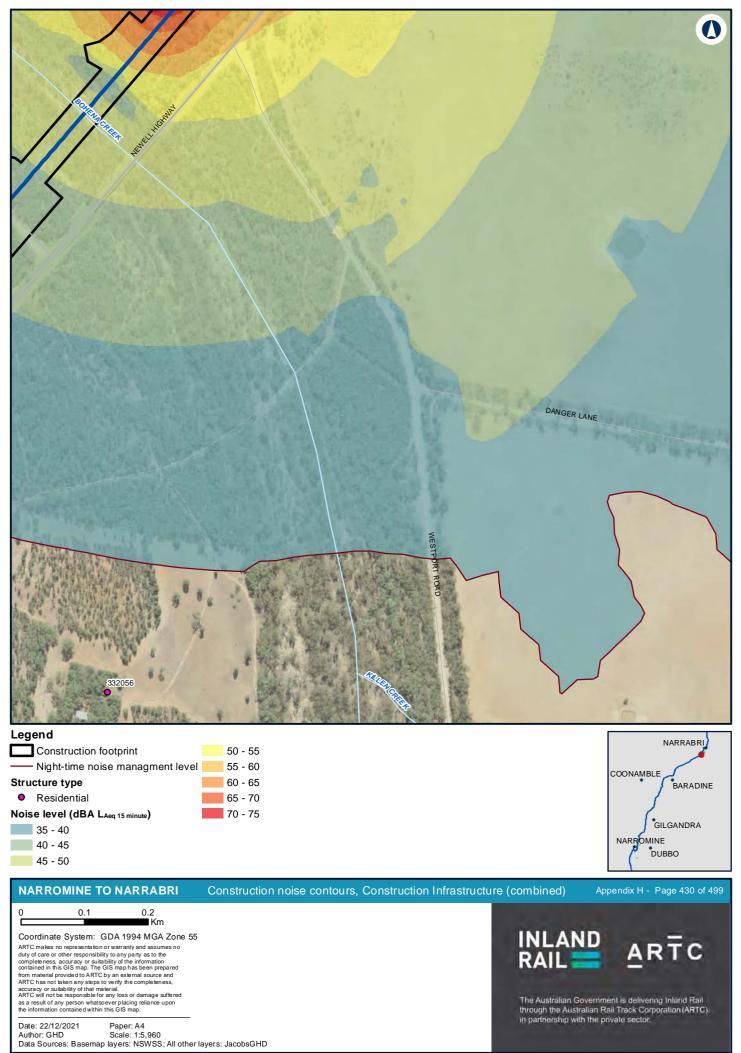
Noise level (dBA L<sub>Aeq 15 minute</sub>)

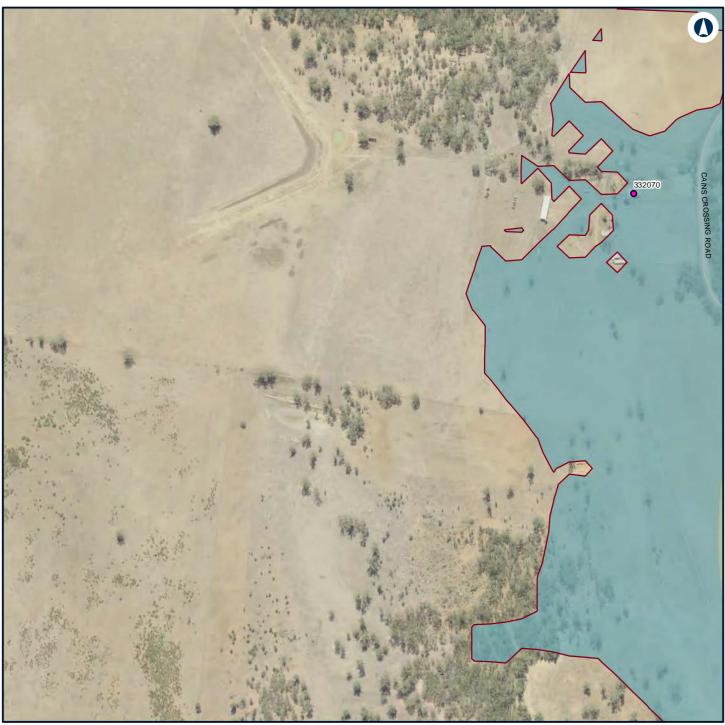












---- Night-time noise managment level

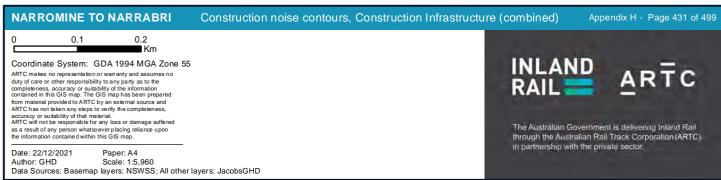
#### Structure type

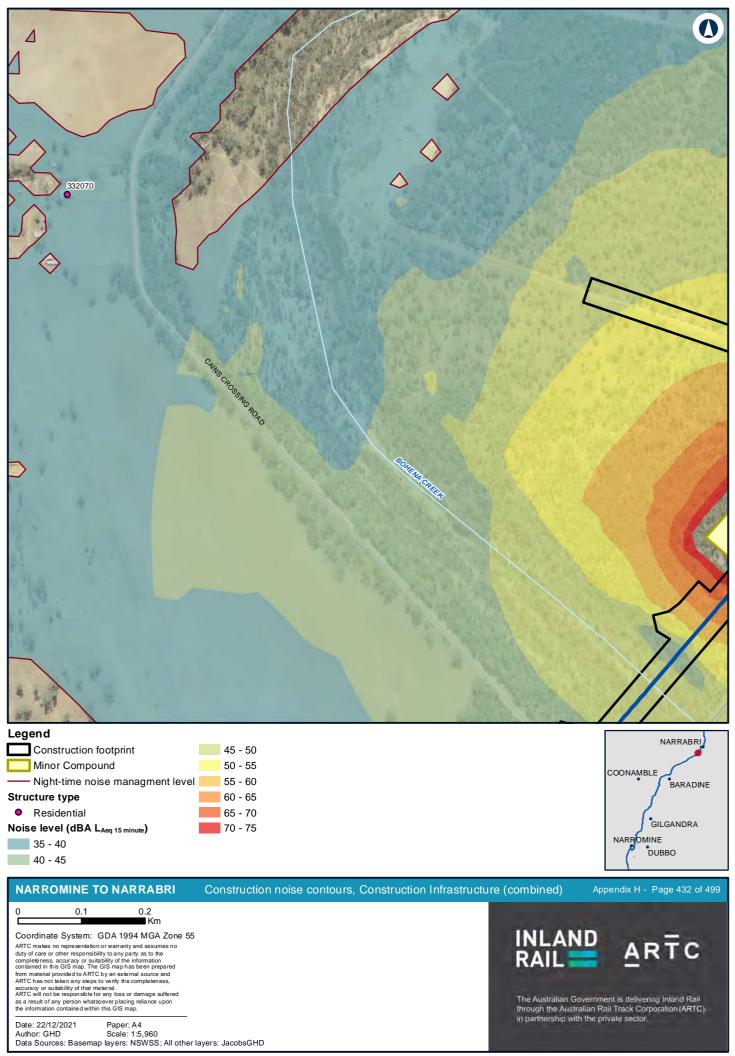
Residential

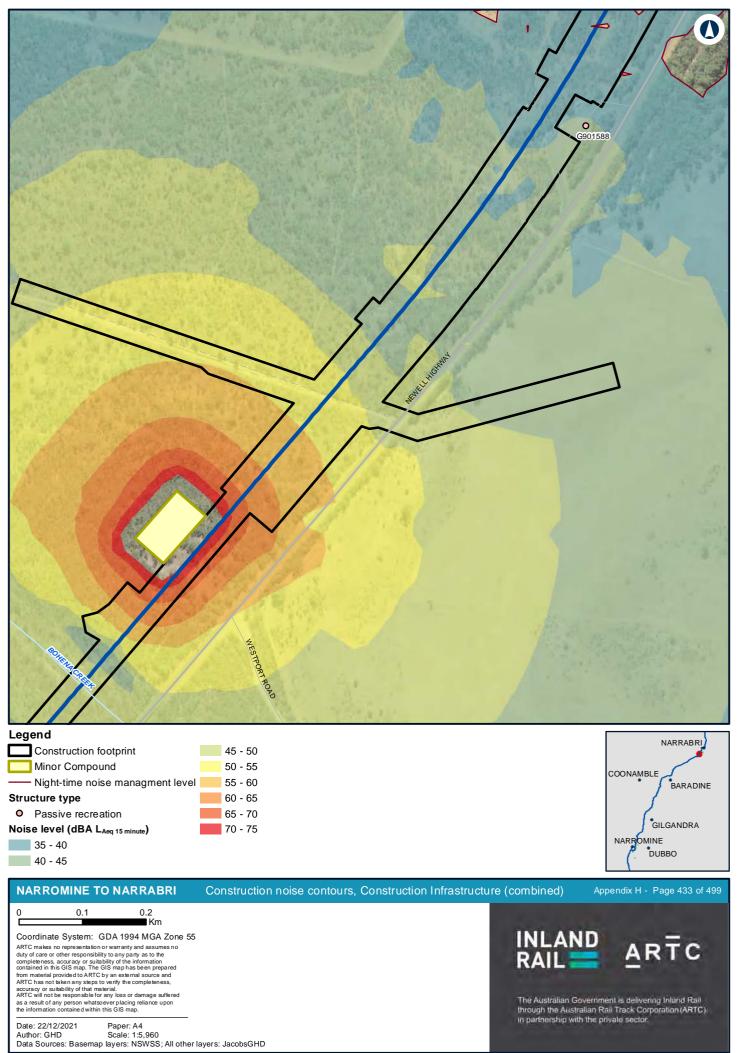
Noise level (dBA L<sub>Aeq 15 minute</sub>)

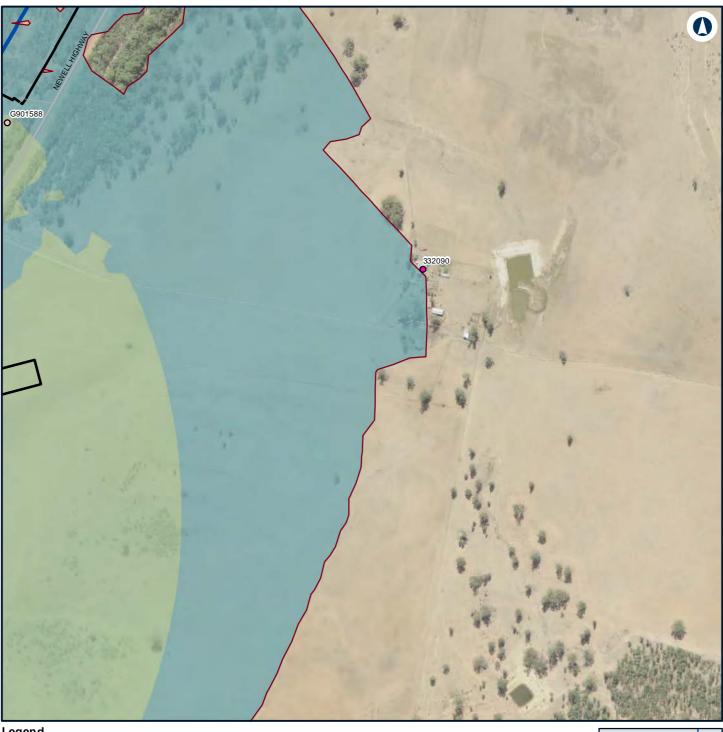
35 - 40











Construction footprint

Night-time noise managment level

## Structure type

- Passive recreation
- Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45



#### NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) 0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

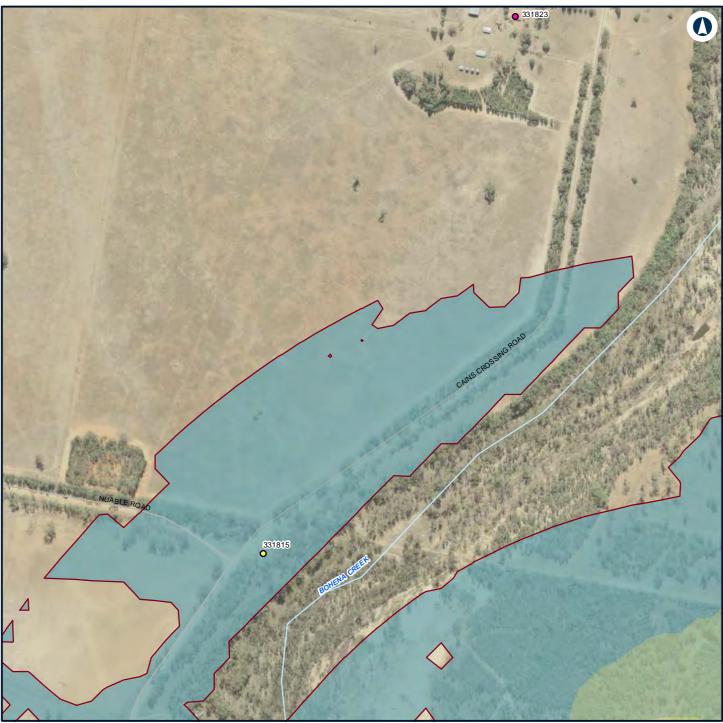
COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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Paper: A4 Scale: 1:5,960 Date: 22/12/2021

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





Night-time noise managment level

#### Structure type

- Community
- Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50





Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

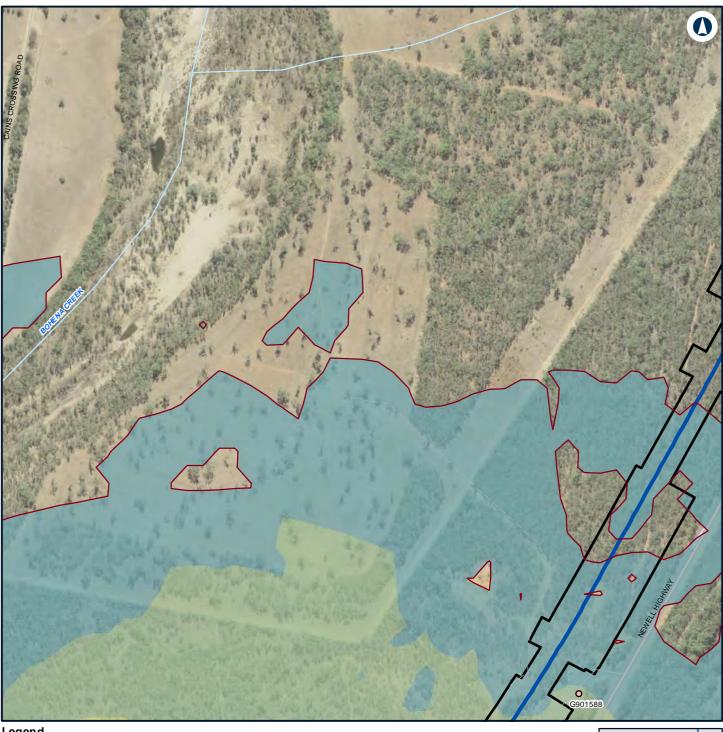
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 22/12/2021

Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





Construction footprint

Night-time noise managment level

## Structure type

Passive recreation

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50

NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.2 Km 0.1

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

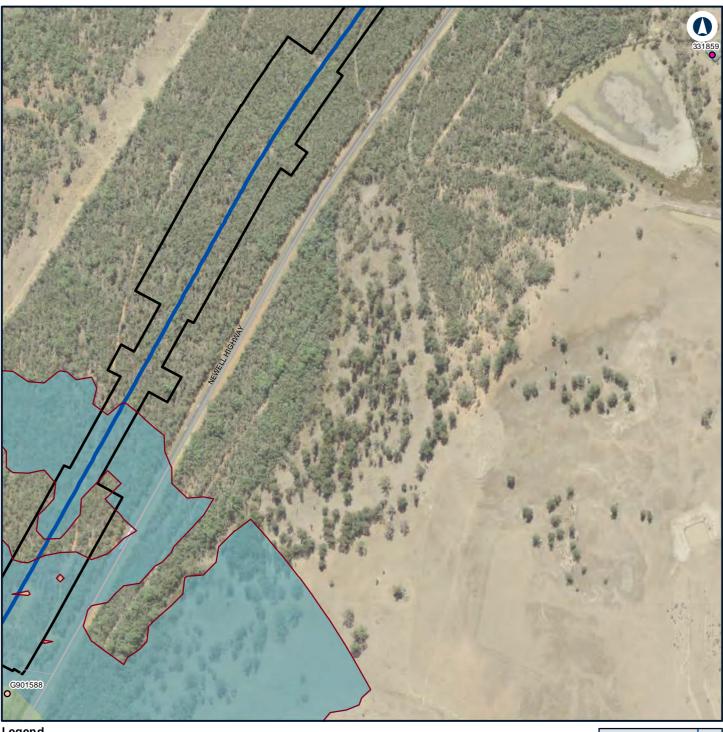
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Date: 22/12/2021

Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

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



Construction footprint

Night-time noise managment level

#### Structure type

- Passive recreation
- Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45



# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.2 Km 0.1

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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Date: 22/12/2021

Paper: A4 Scale: 1:5,960 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





---- Night-time noise managment level

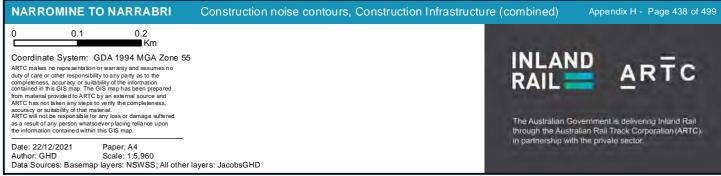
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40





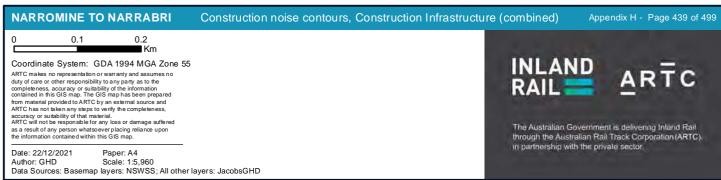


Construction footprint

— Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)







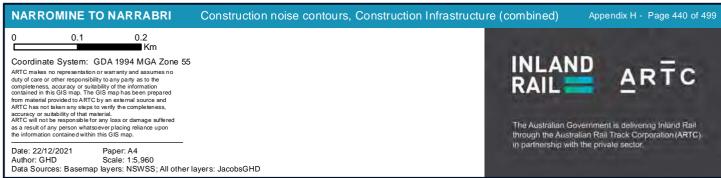
Construction footprint

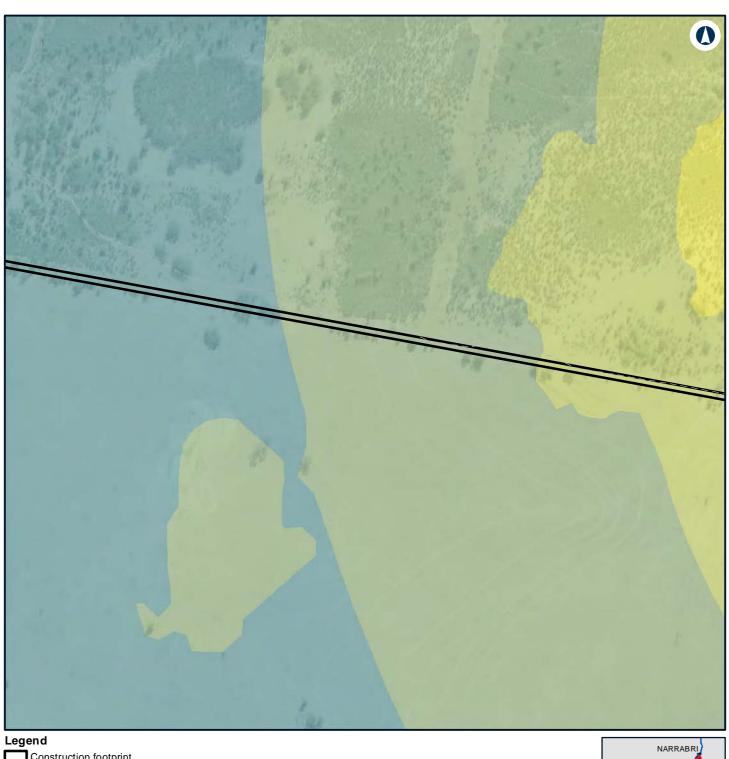
---- Night-time noise managment level

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40



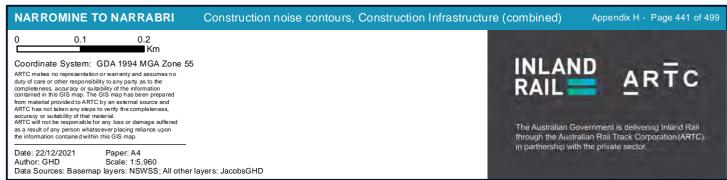


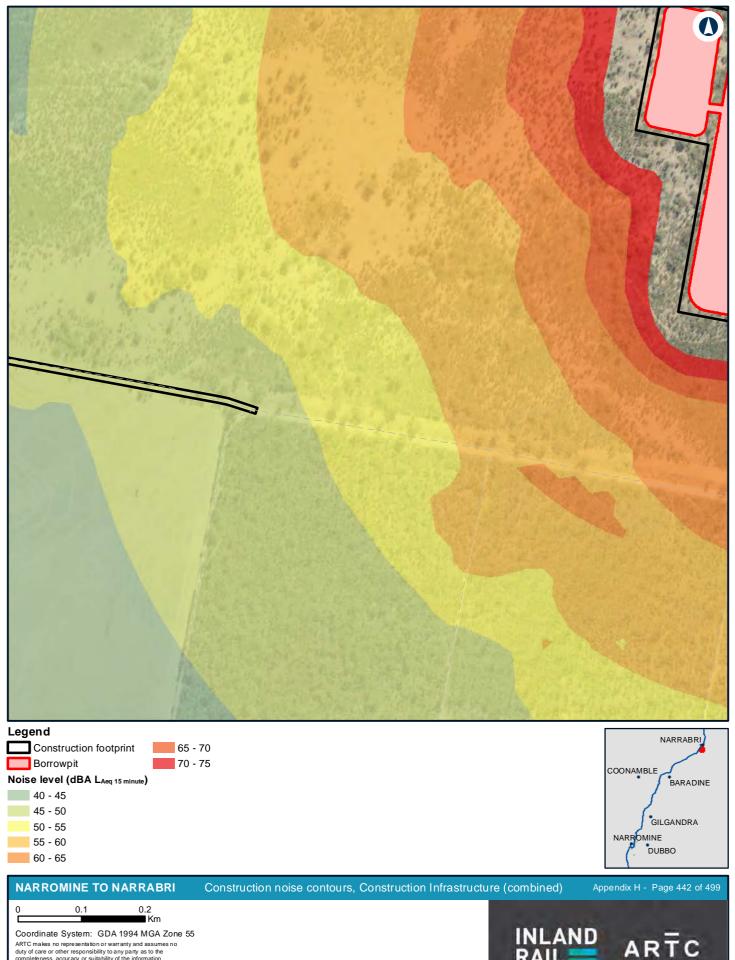


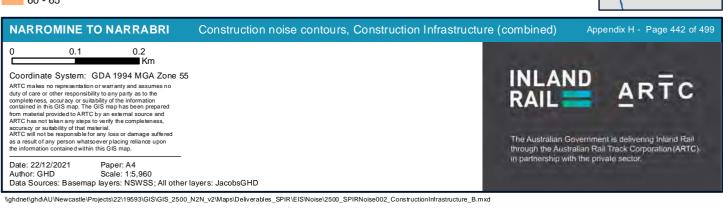


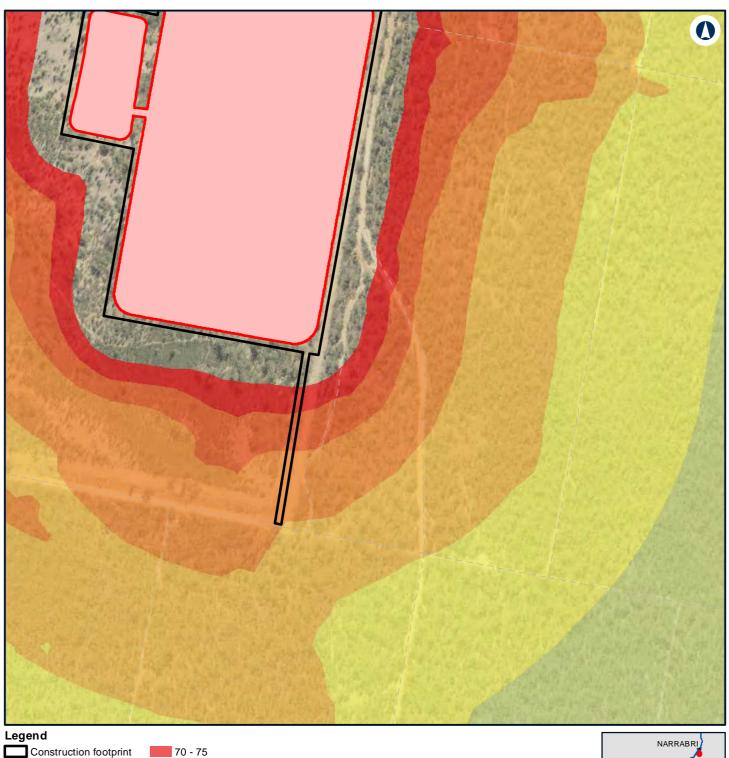
40 - 45 45 - 50 50 - 55









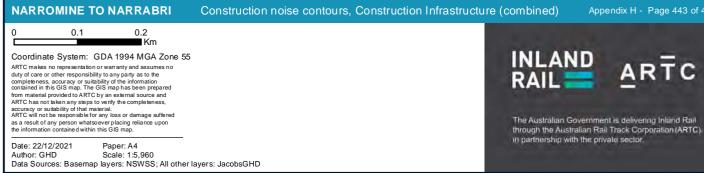


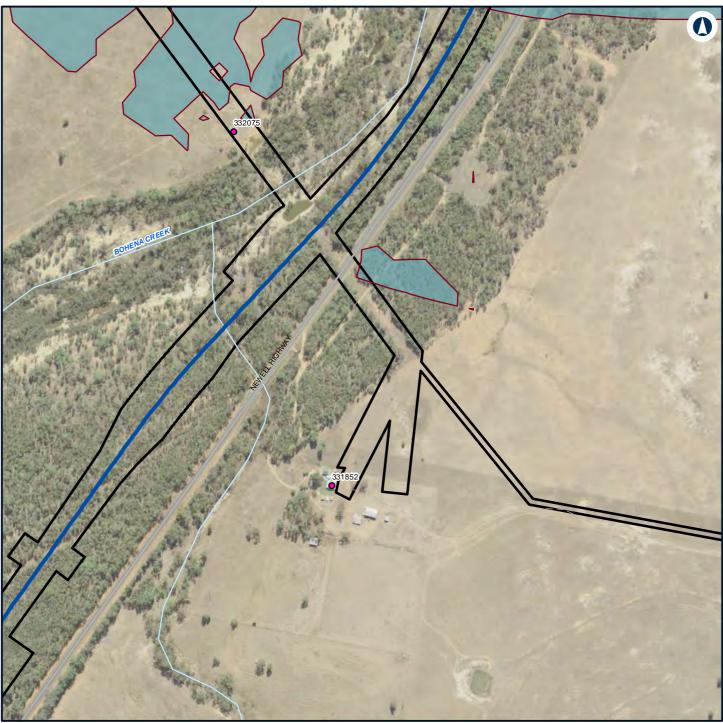


60 - 65
65 - 70

JARROMINE TO NARRABRI Construction noise contours. Construction Inf







Construction footprint

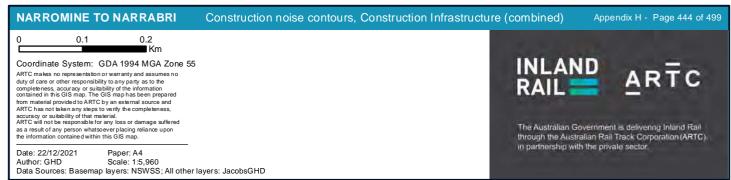
— Night-time noise managment level

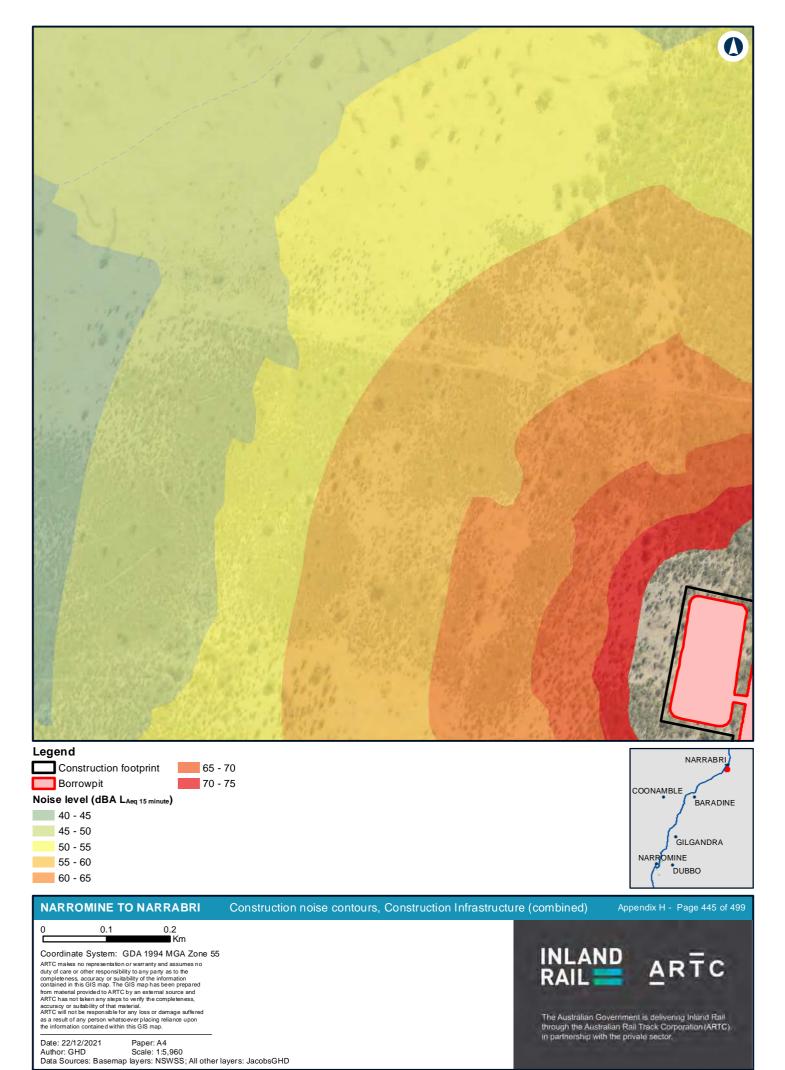
#### Structure type

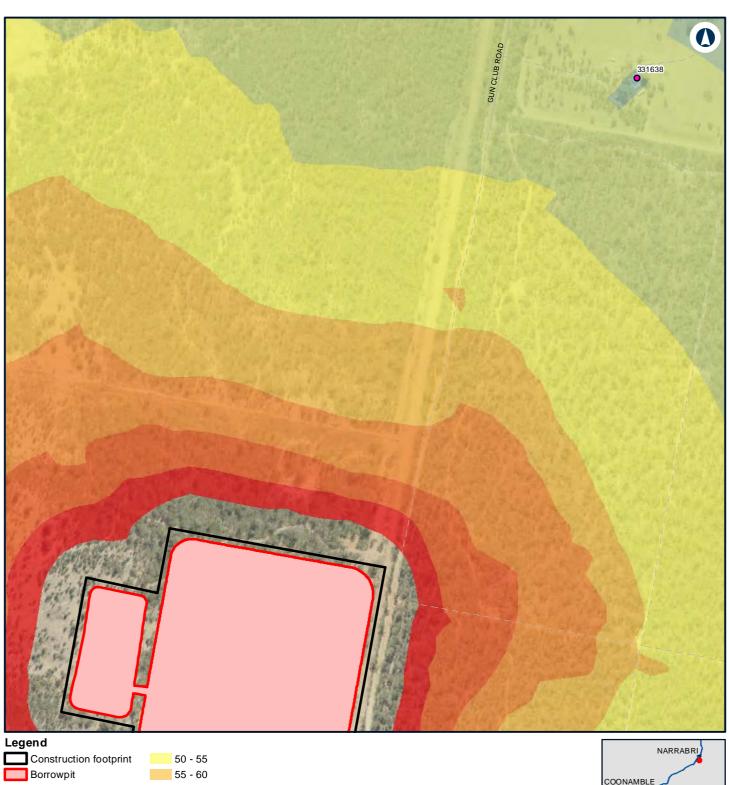
Residential

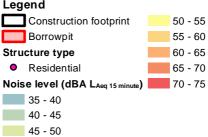
Noise level (dBA L<sub>Aeq 15 minute</sub>)



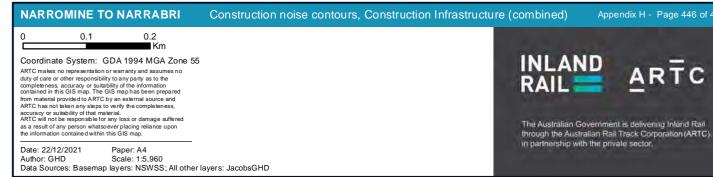


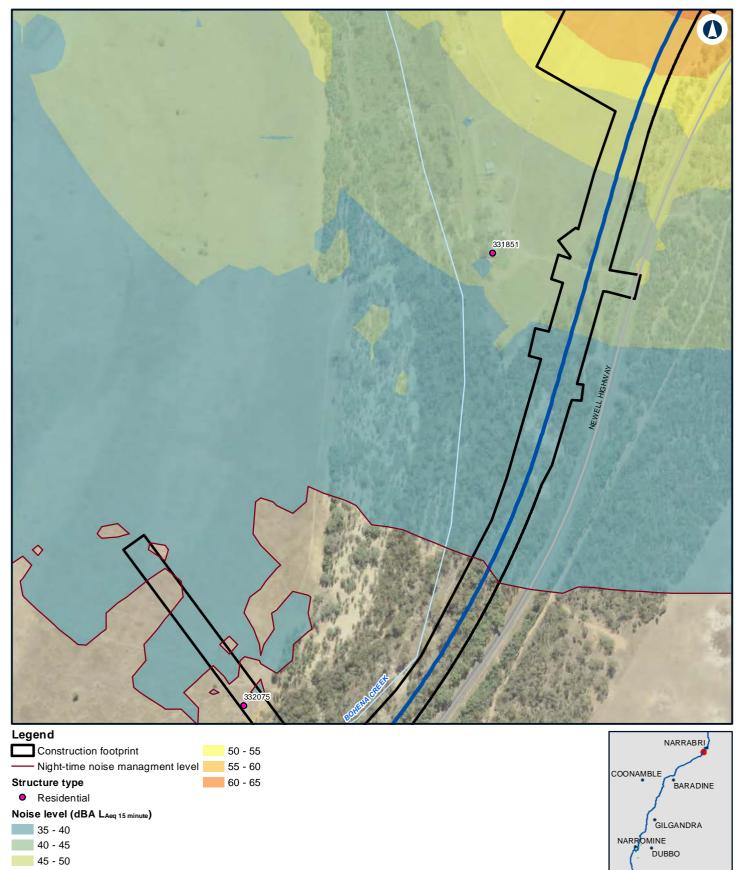


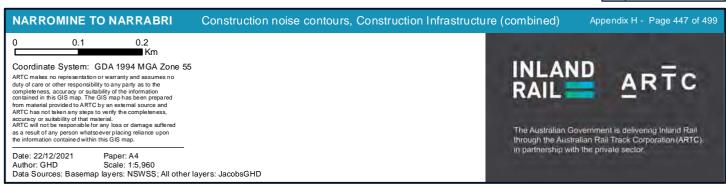


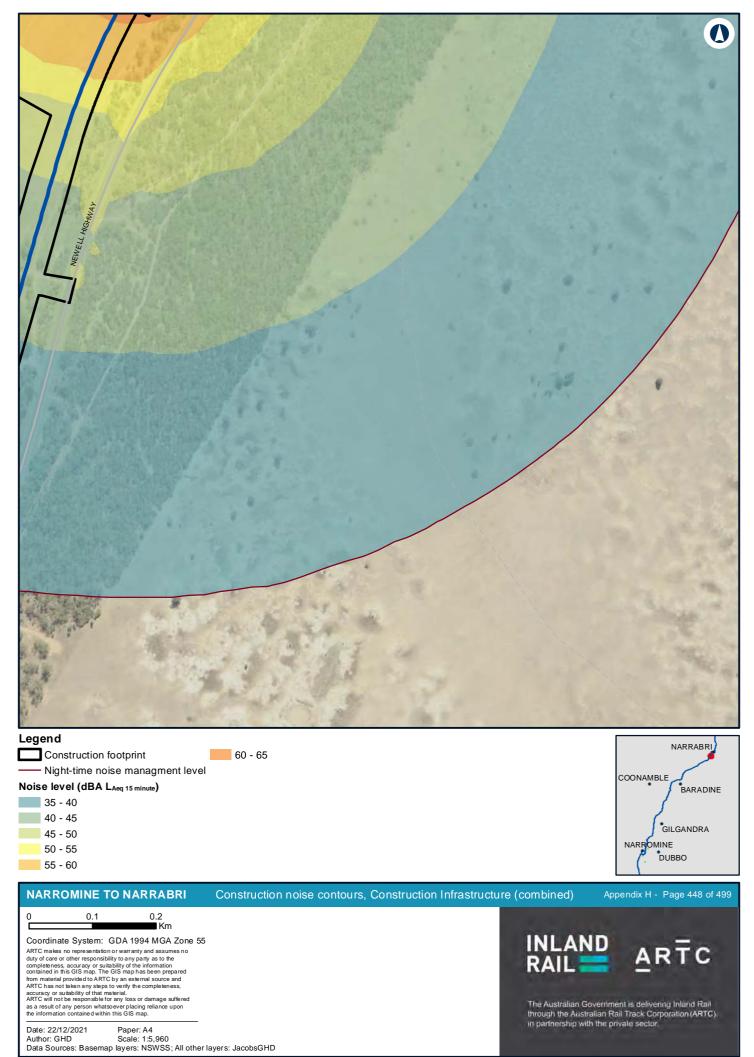


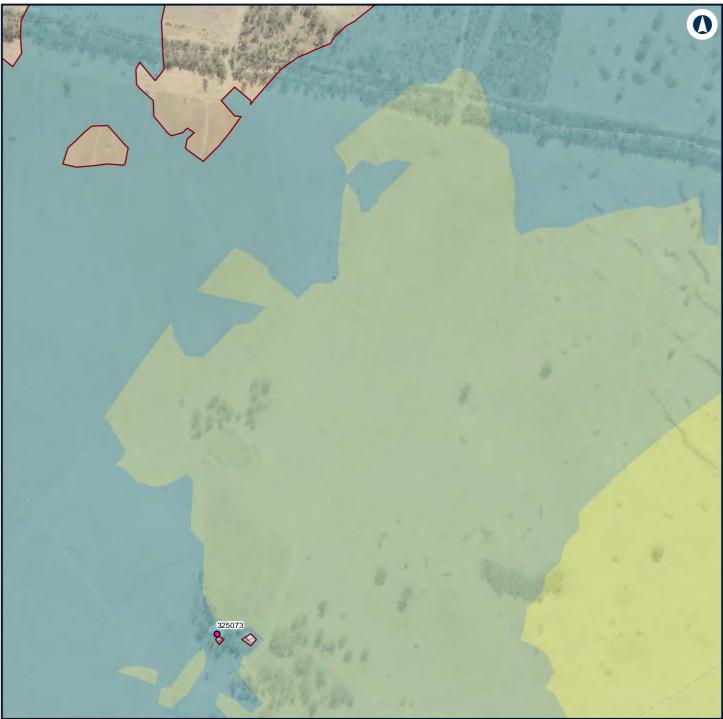
NARRABRI
COONAMBLE
BARADINE
GILGANDRA
NARROMINE
DUBBO











---- Night-time noise managment level

#### Structure type

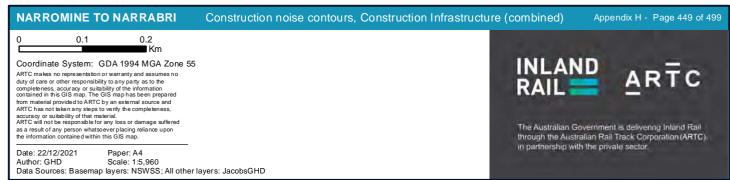
Residential

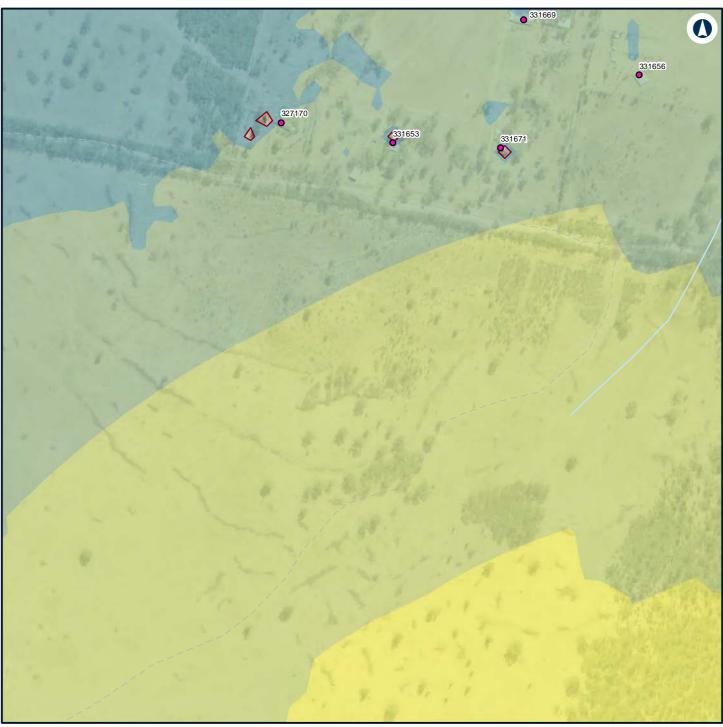
#### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45







---- Night-time noise managment level

#### Structure type

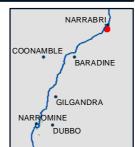
Residential

#### Noise level (dBA LAeq 15 minute)

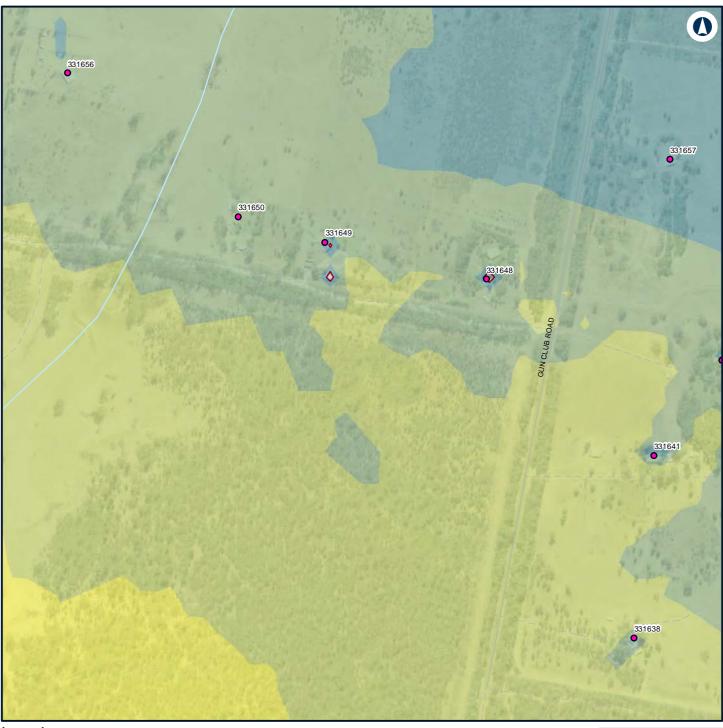
35 - 40

40 - 45

45 - 50







---- Night-time noise managment level

#### Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

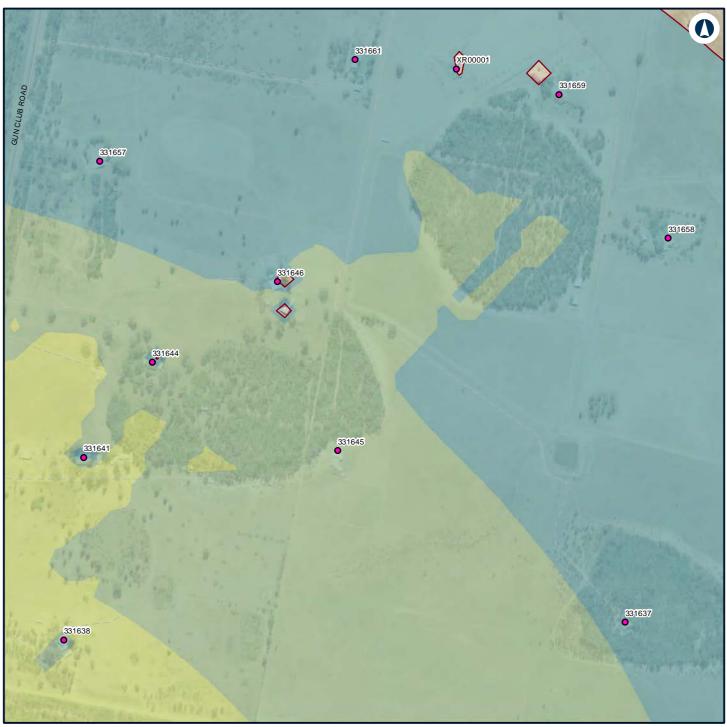
40 - 45

45 - 50

50 - 55



# NARROMINE TO NARRABRI Construction noise contours, Construction Infrastructure (combined) Appendix H - Page 451 of 499 0 0.1 0.2 Km Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map. Date: 22/12/2021 Paper: A4 Author: GHD Scale: 1.5,960 Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD



---- Night-time noise managment level

#### Structure type

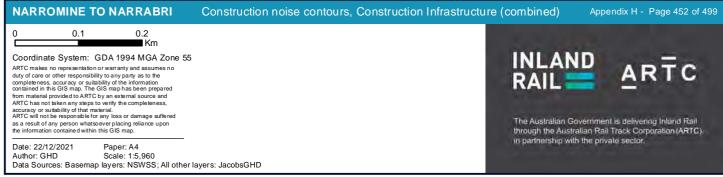
Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







---- Night-time noise managment level

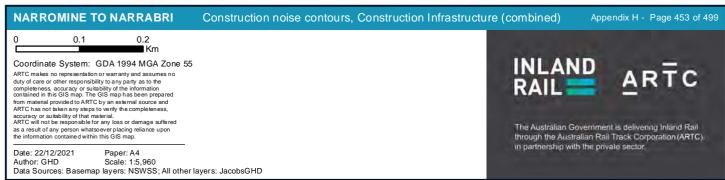
#### Structure type

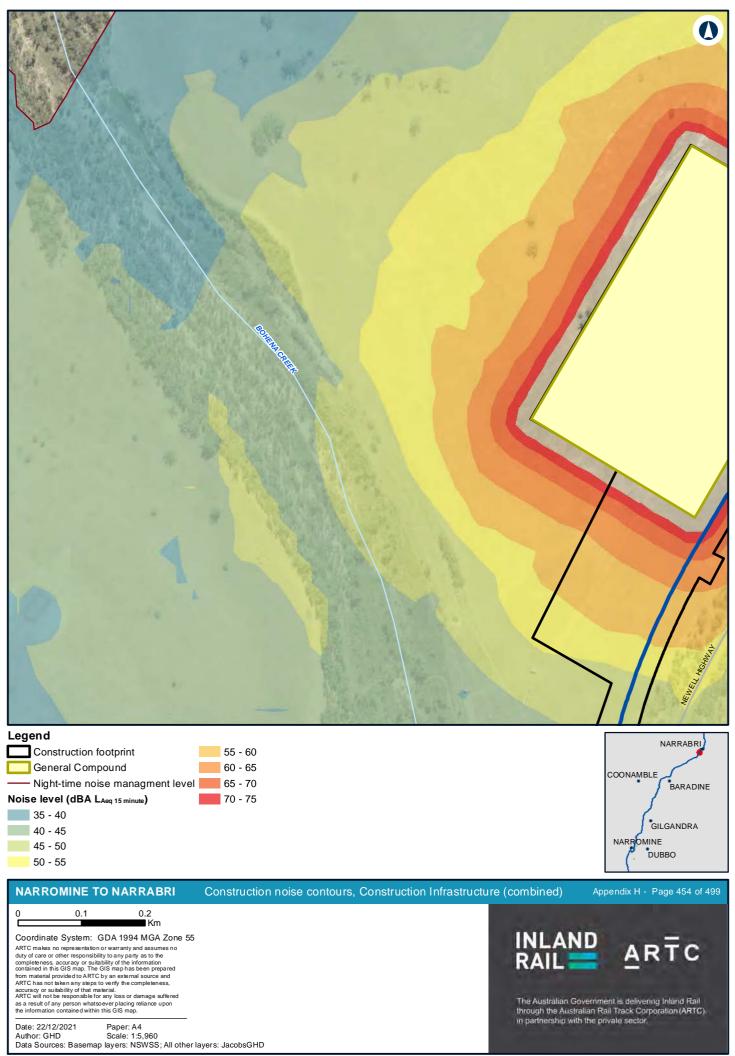
Residential

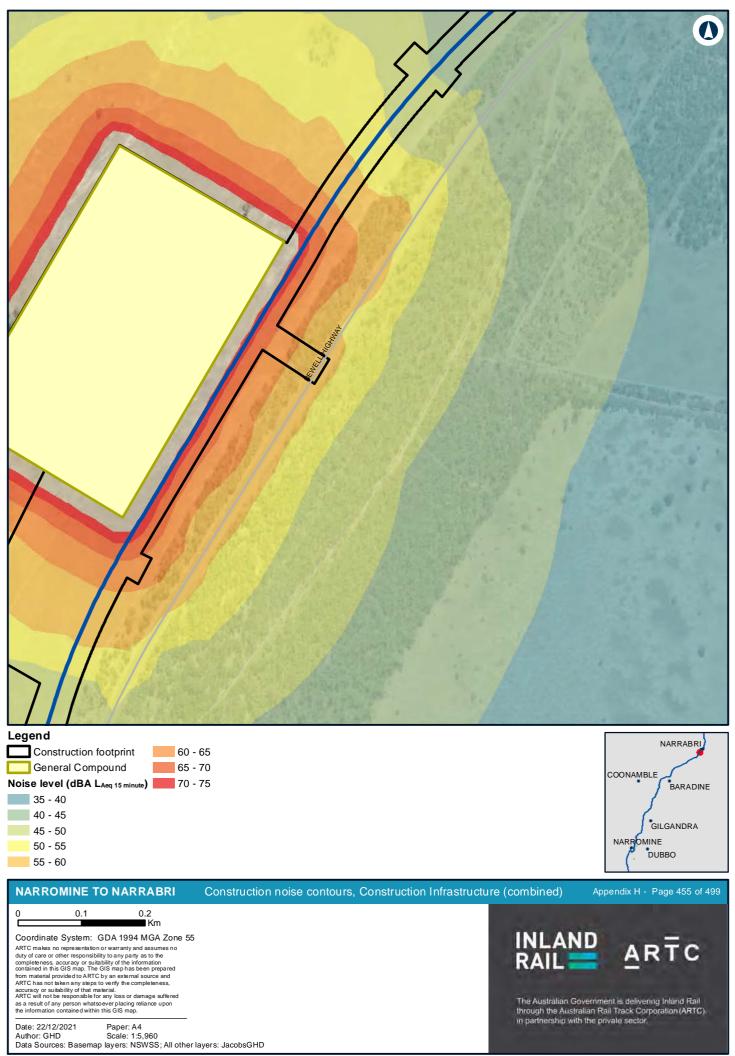
Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40











---- Night-time noise managment level

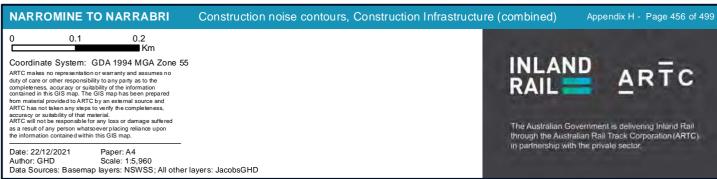
#### Structure type

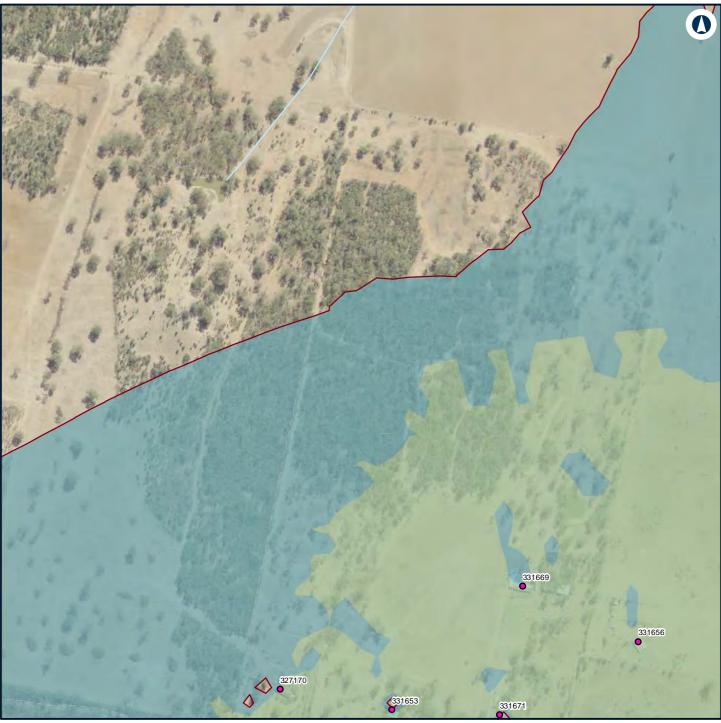
Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







---- Night-time noise managment level

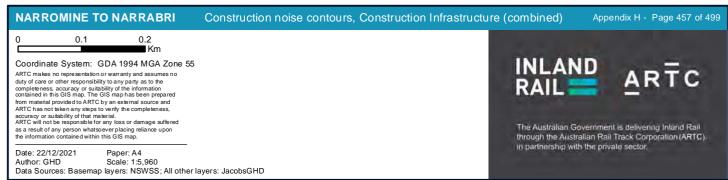
#### Structure type

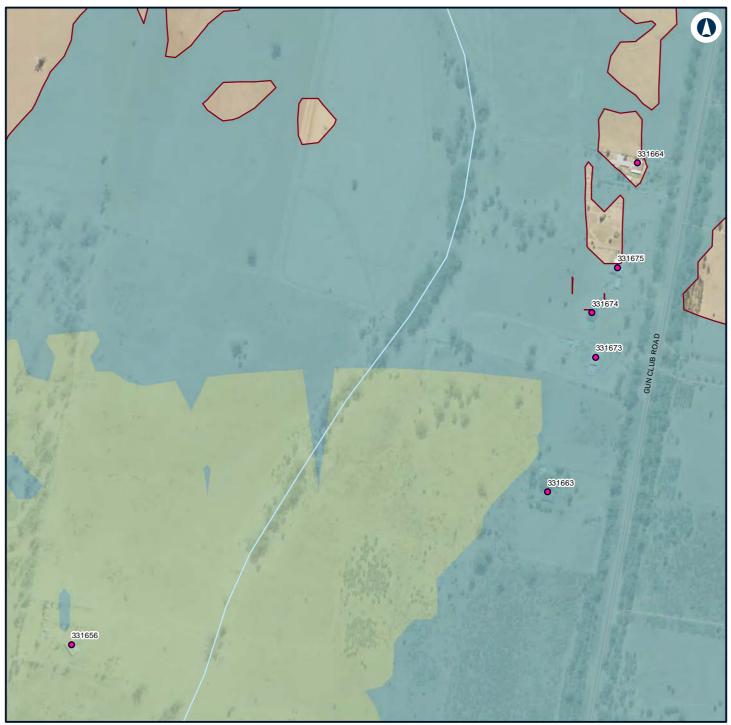
Residential

#### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







---- Night-time noise managment level

#### Structure type

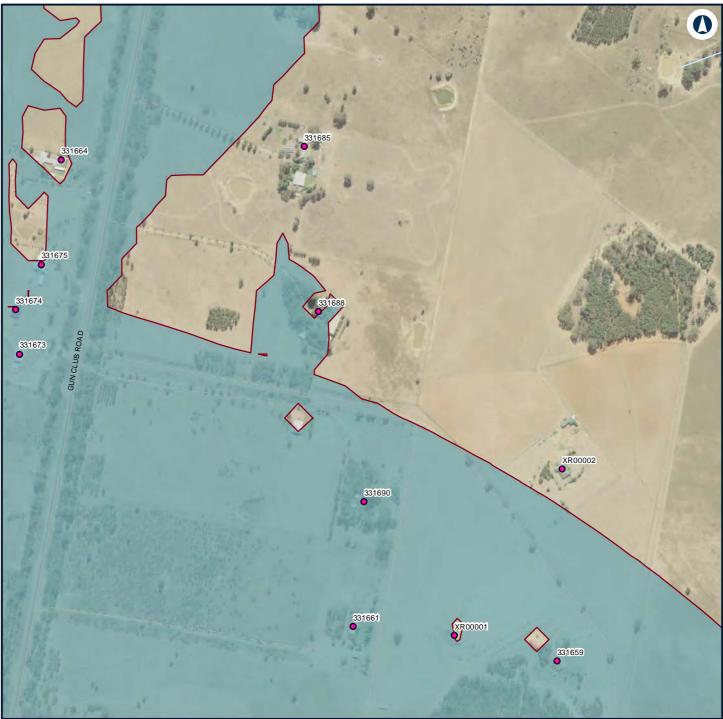
Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







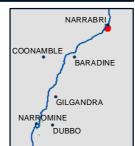
---- Night-time noise managment level

#### Structure type

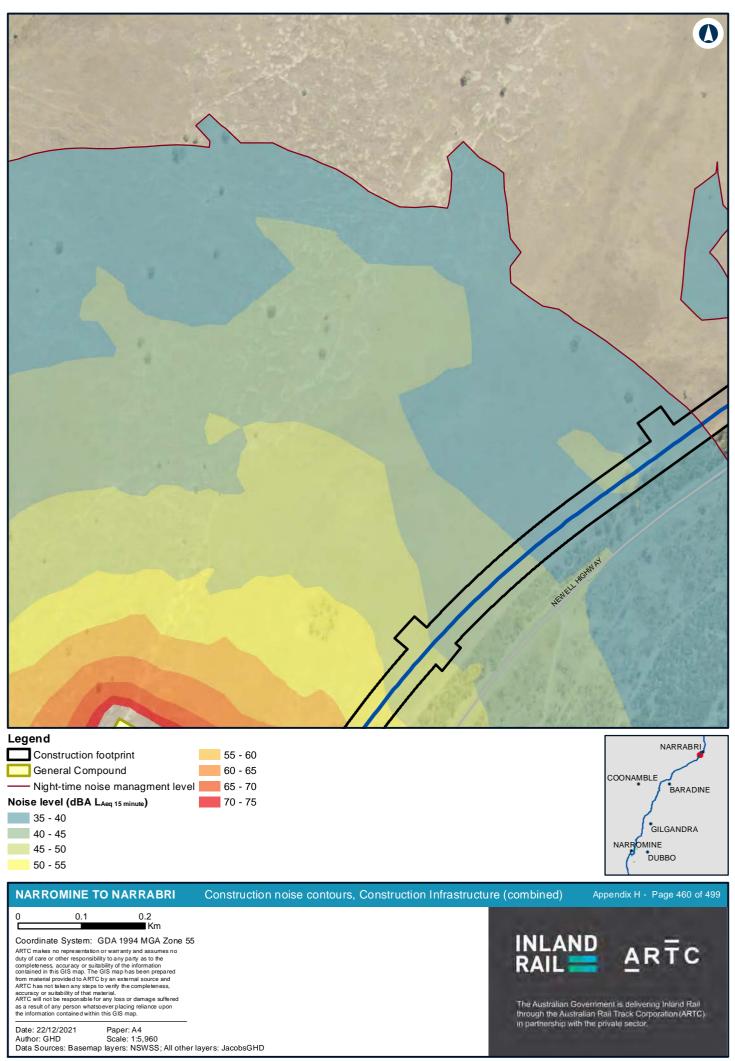
Residential

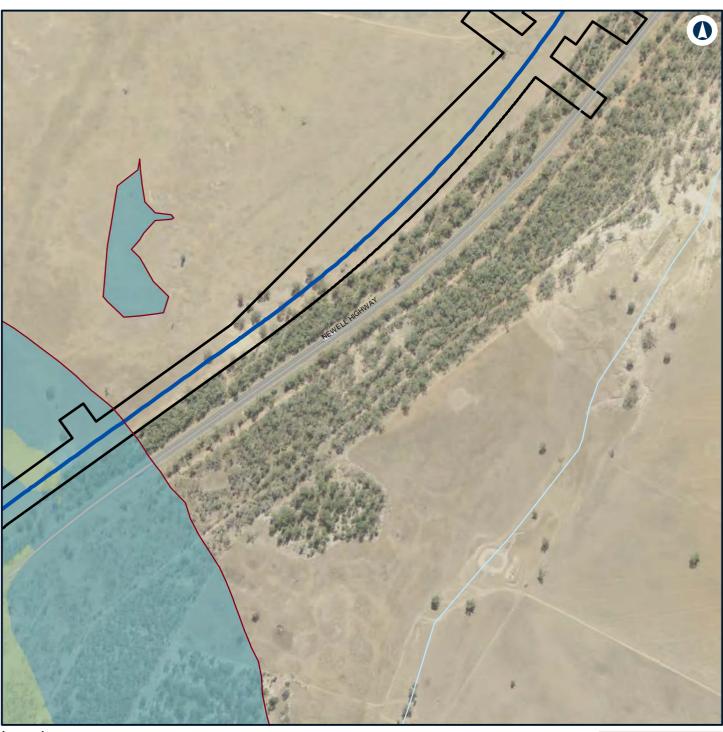
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40









Construction footprint

Night-time noise managment level

Noise level (dBA LAeq 15 minute)

35 - 40







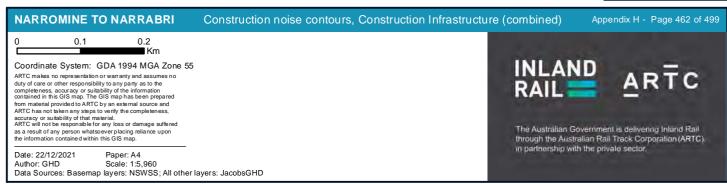
---- Night-time noise managment level

#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)





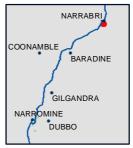


---- Night-time noise managment level

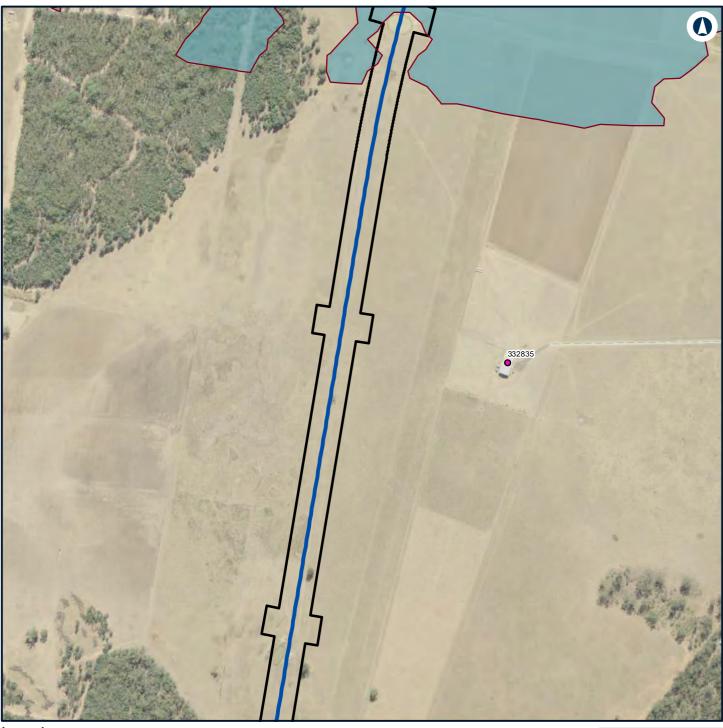
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







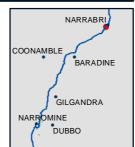
Construction footprint

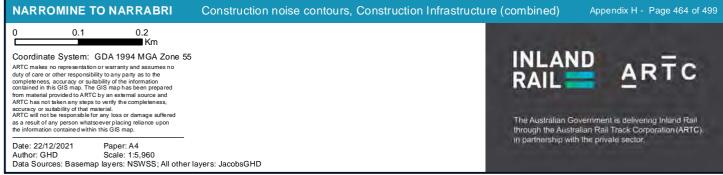
Night-time noise managment level

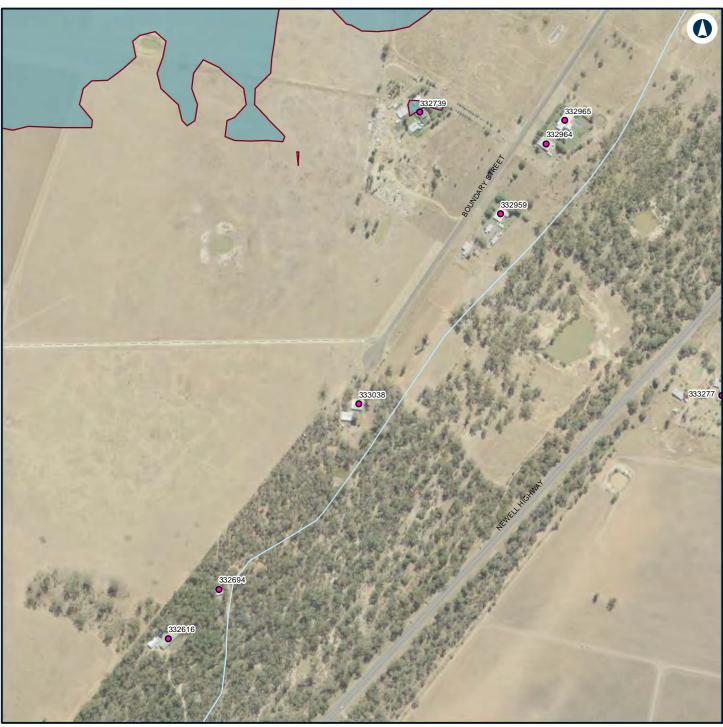
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







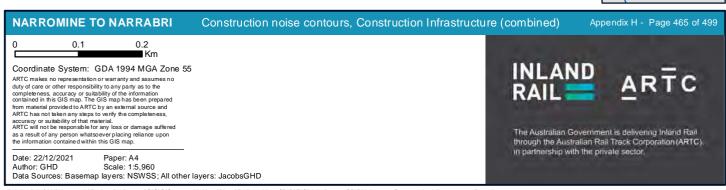
---- Night-time noise managment level

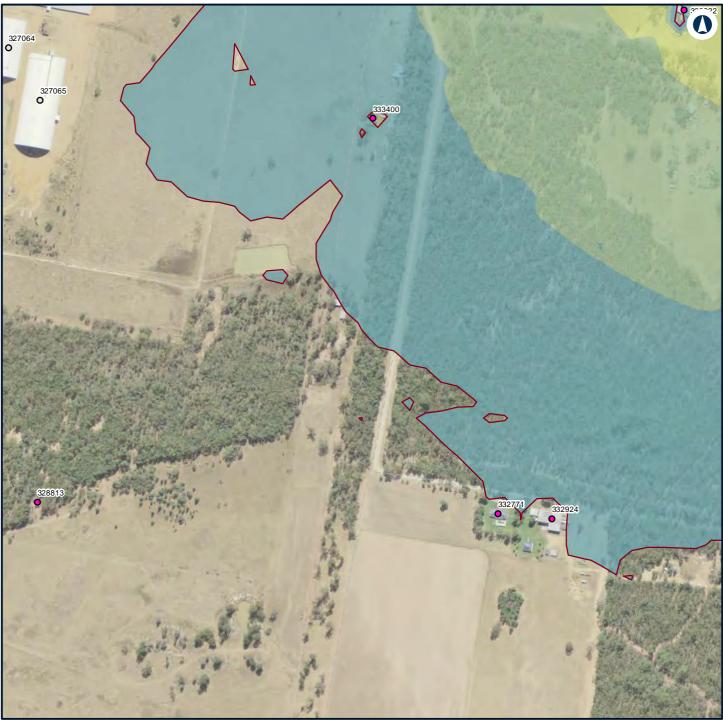
#### Structure type

Residential

Noise level (dBA L<sub>Aeq 15 minute</sub>)







---- Night-time noise managment level

#### Structure type

- O Commercial/Industrial
- Residential

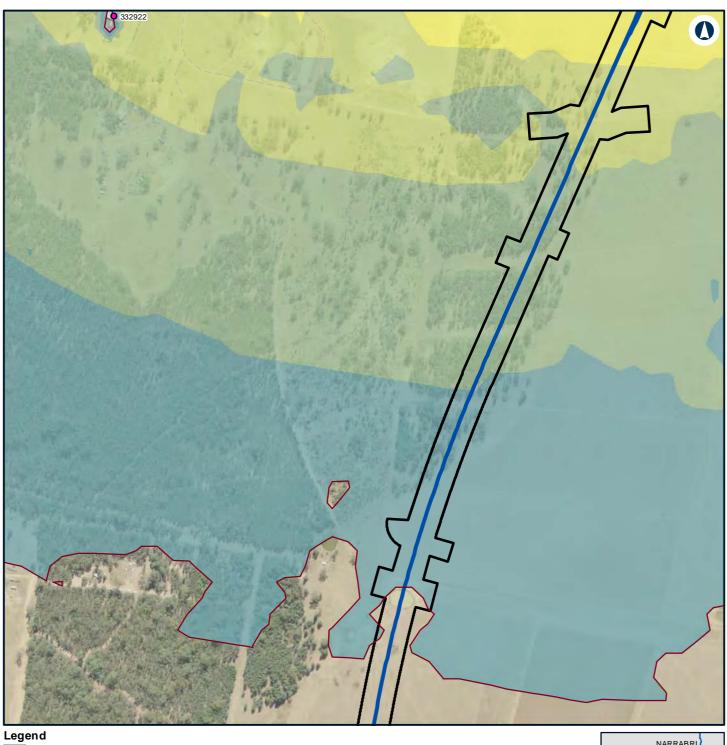
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45







Construction footprint

50 - 55

- Night-time noise managment level

#### Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



## NARROMINE TO NARRABRI 0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

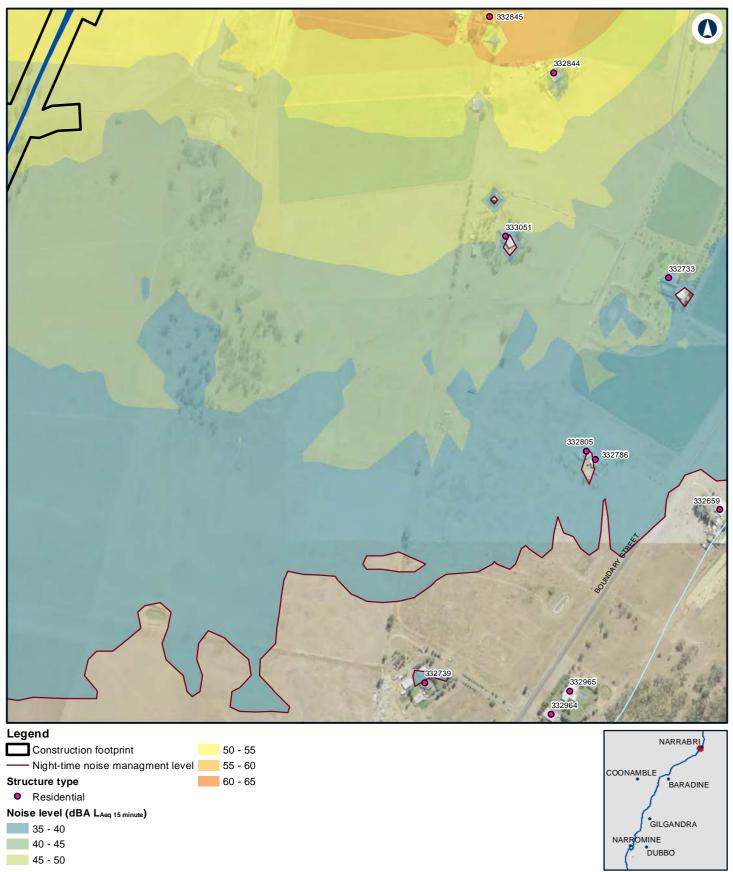
COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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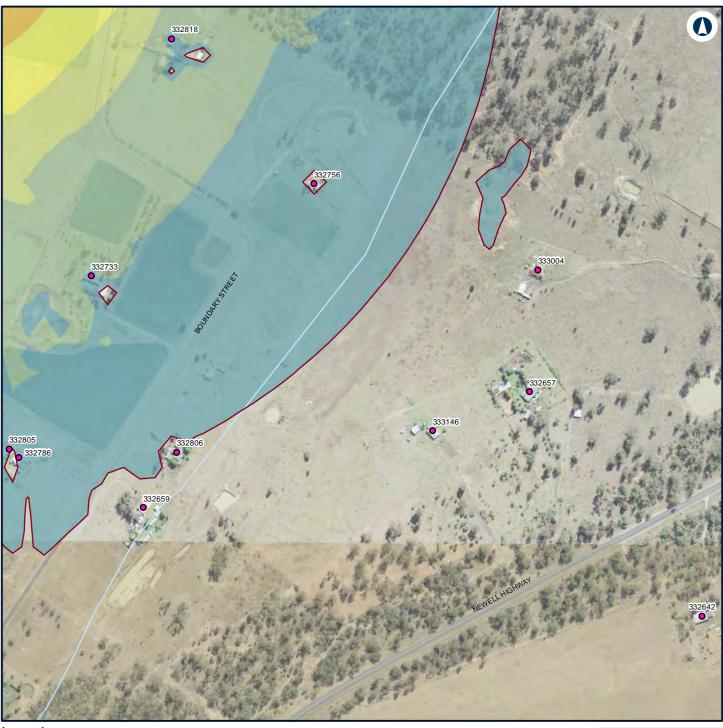
Date: 22/12/2021 Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

Paper: A4 Scale: 1:5,960









Night-time noise managment level 55 - 60

## Structure type

Residential

### Noise level (dBA LAeq 15 minute)

35 - 40

40 - 45

45 - 50

50 - 55

NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO

# NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

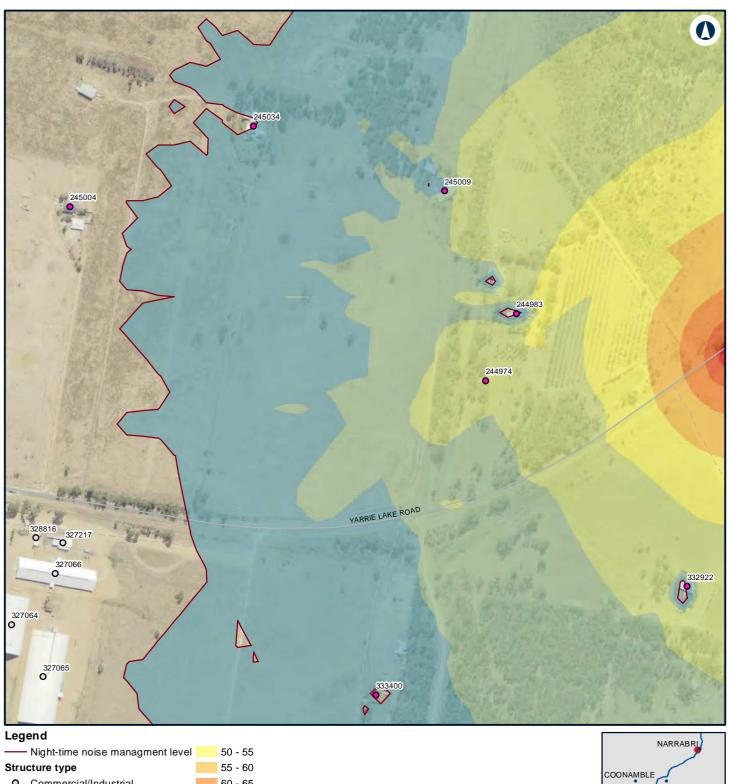
ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 22/12/2021

Paper: A4 Scale: 1:5,960

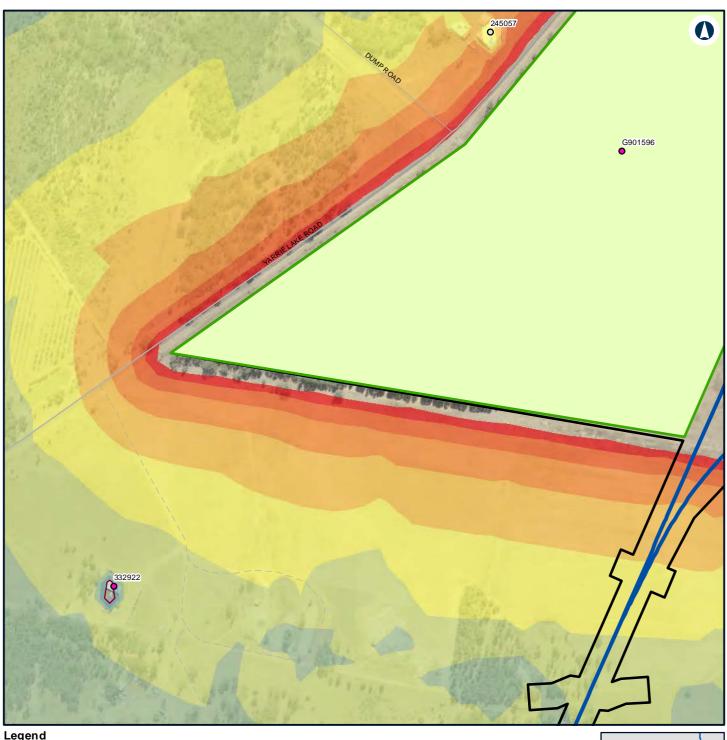
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

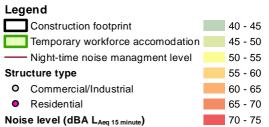
INLAND RAIL ARTC The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC) in partnership with the private sector.





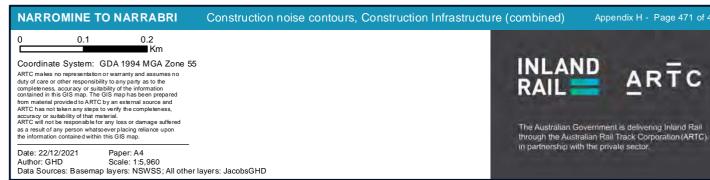


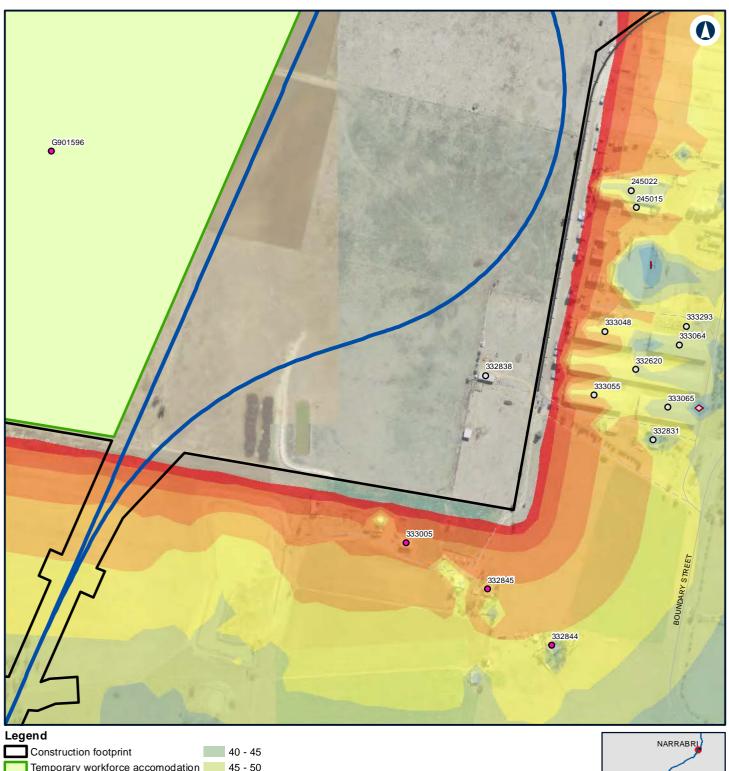


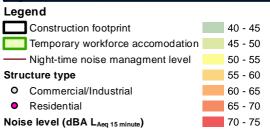


35 - 40

NARRABRI
COONAMBLE
BARADINE
GILGANDRA
NARROMINE
DUBBO

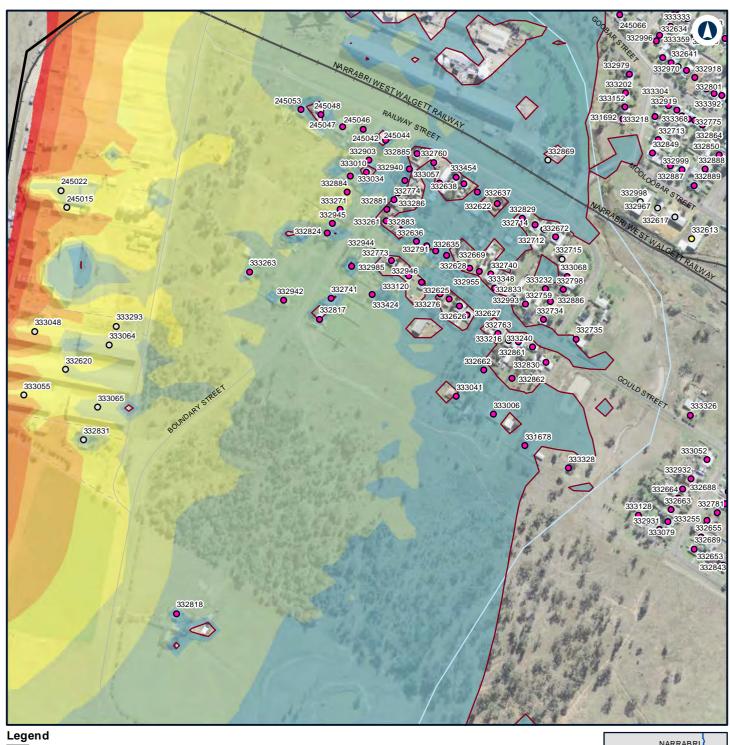


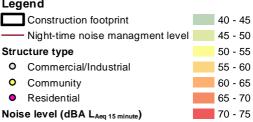






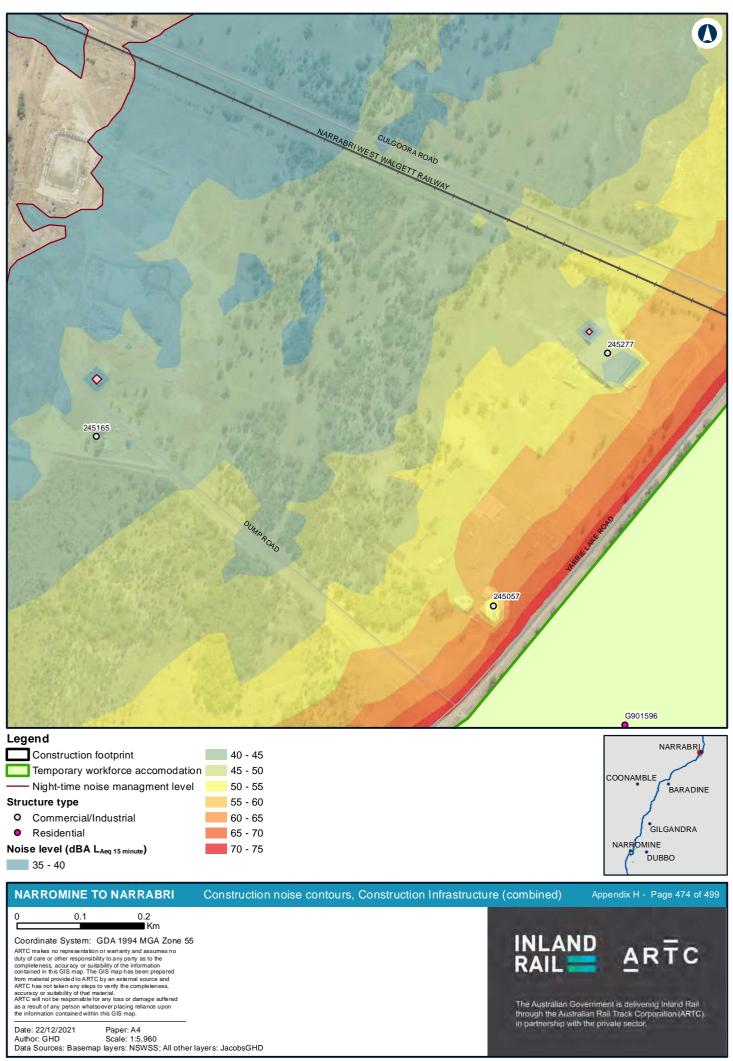


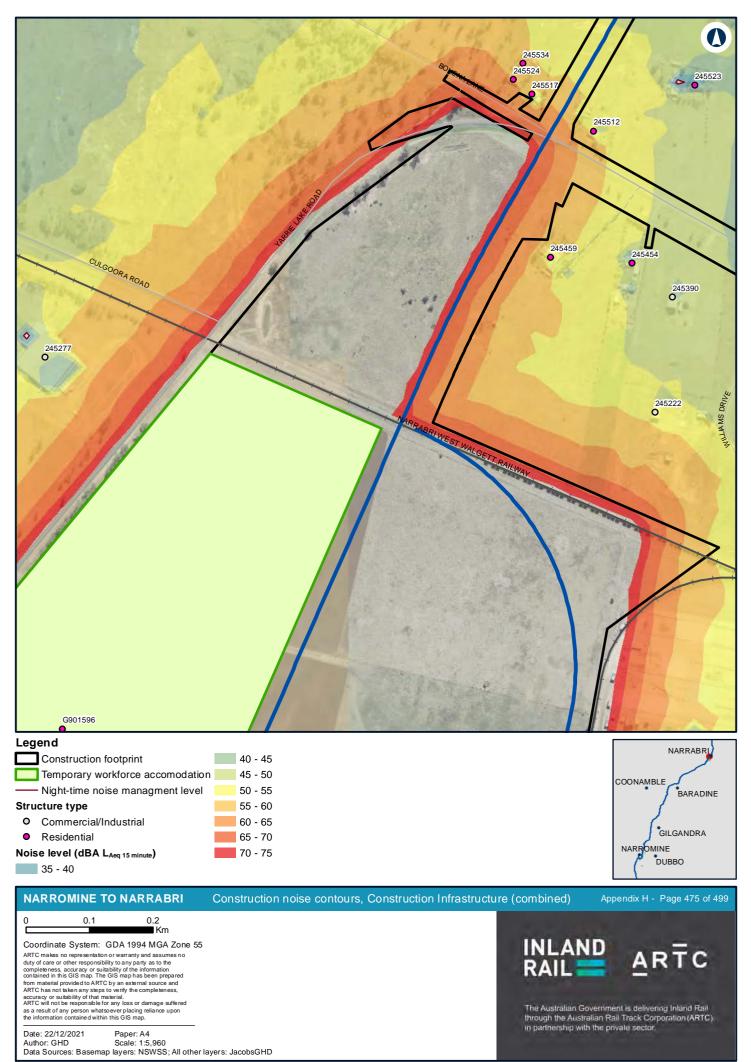


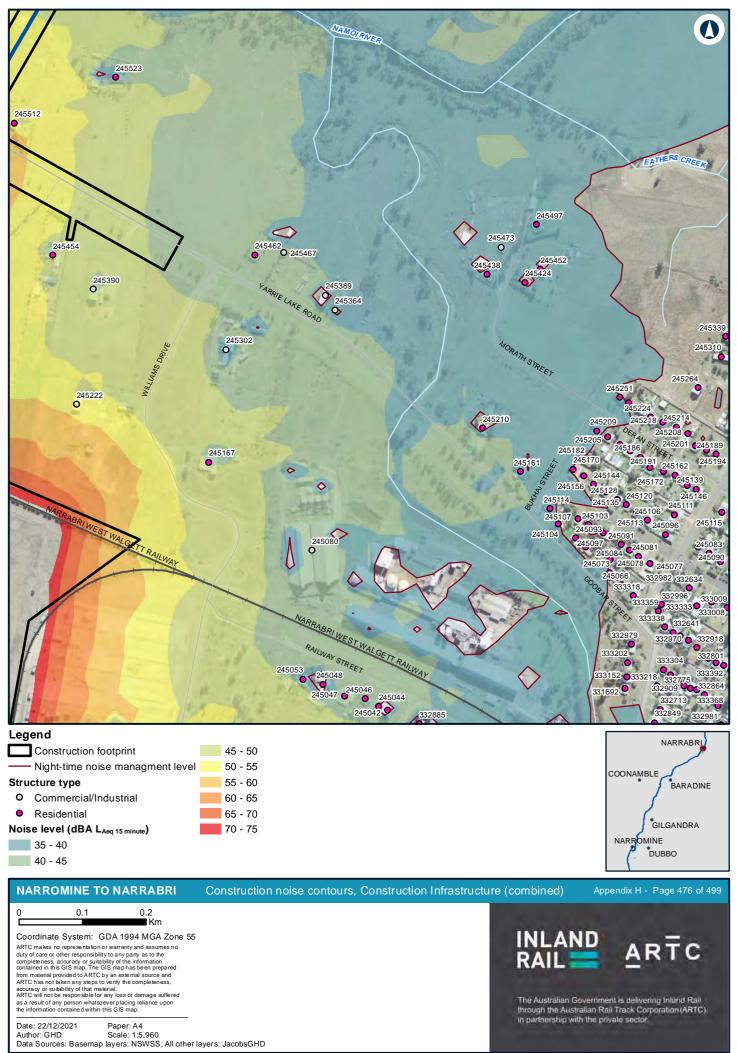


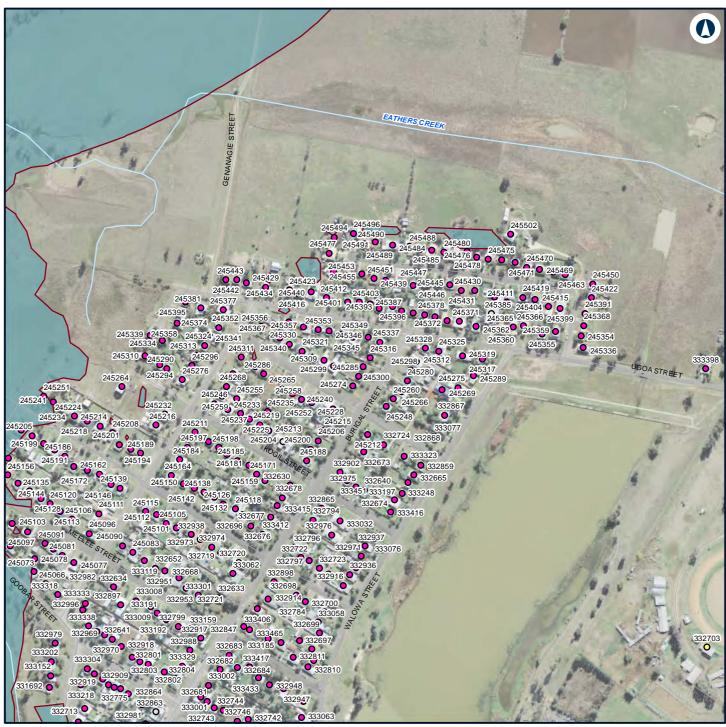












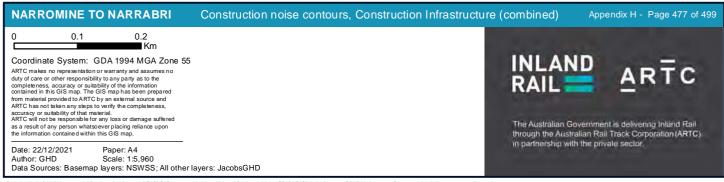
---- Night-time noise managment level

#### Structure type

- Commercial/Industrial
- Community
- Residential
- Worship

Noise level (dBA L<sub>Aeq 15 minute</sub>)







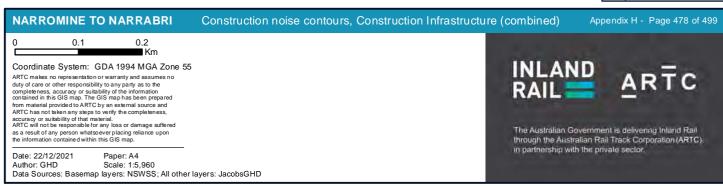
---- Night-time noise managment level

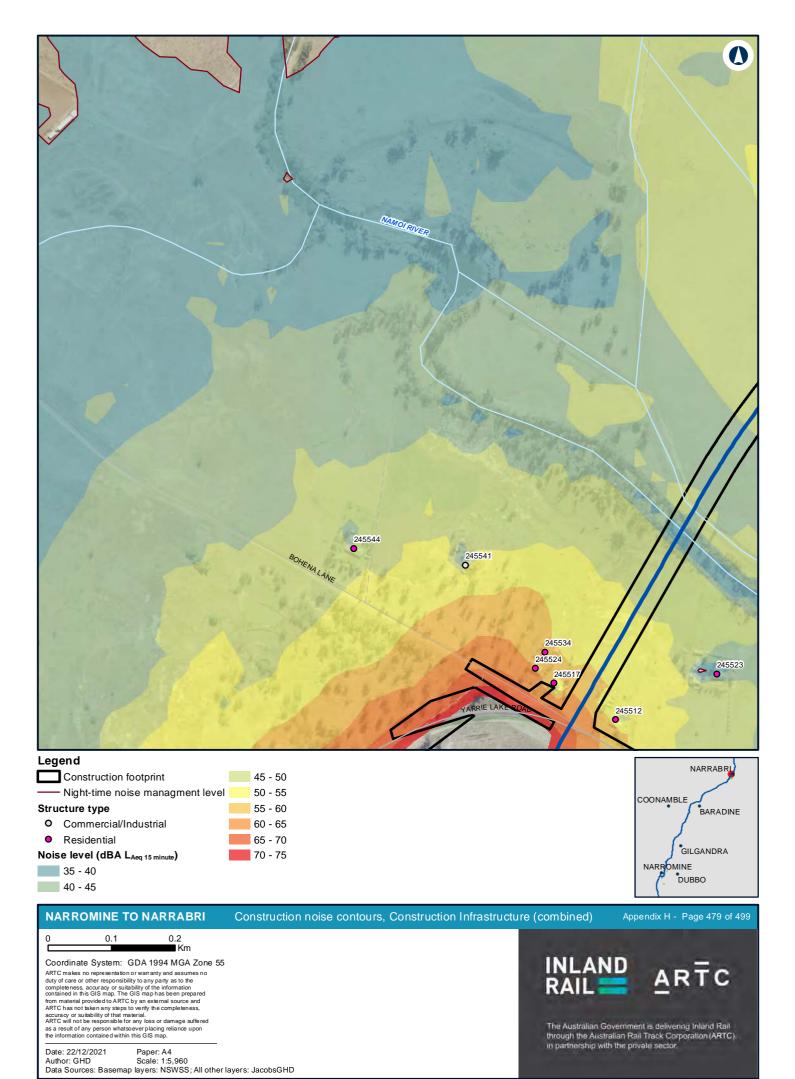
## Structure type

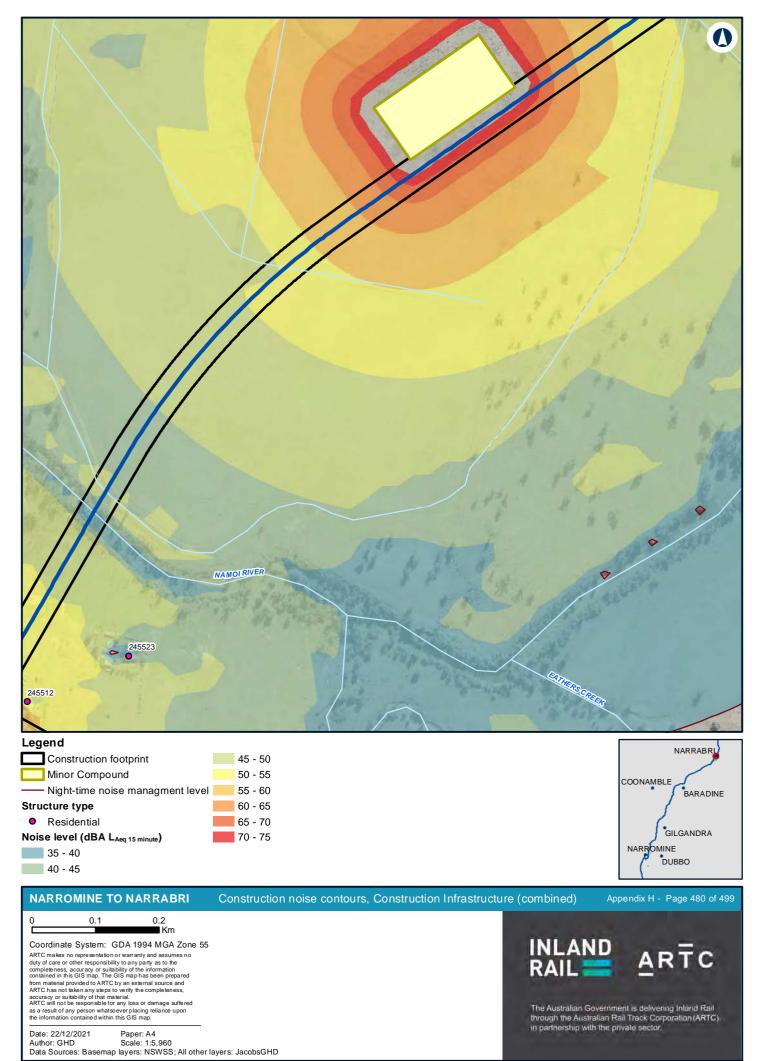
Residential

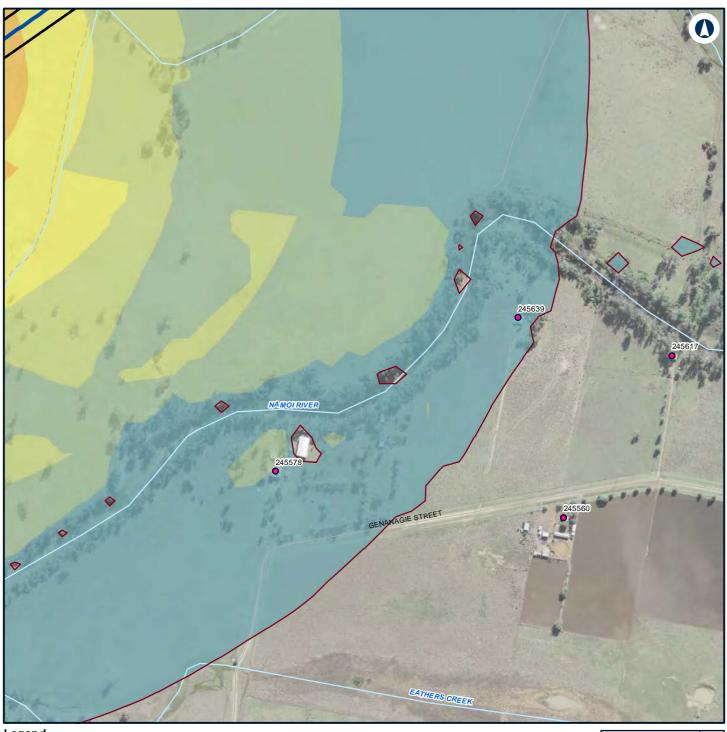
Noise level (dBA L<sub>Aeq 15 minute</sub>)













Construction footprint

50 - 55 Night-time noise managment level 55 - 60

## Structure type

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

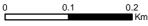
40 - 45

45 - 50



## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)



Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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Date: 22/12/2021

Paper: A4 Scale: 1:5,960

Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD

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---- Night-time noise managment level

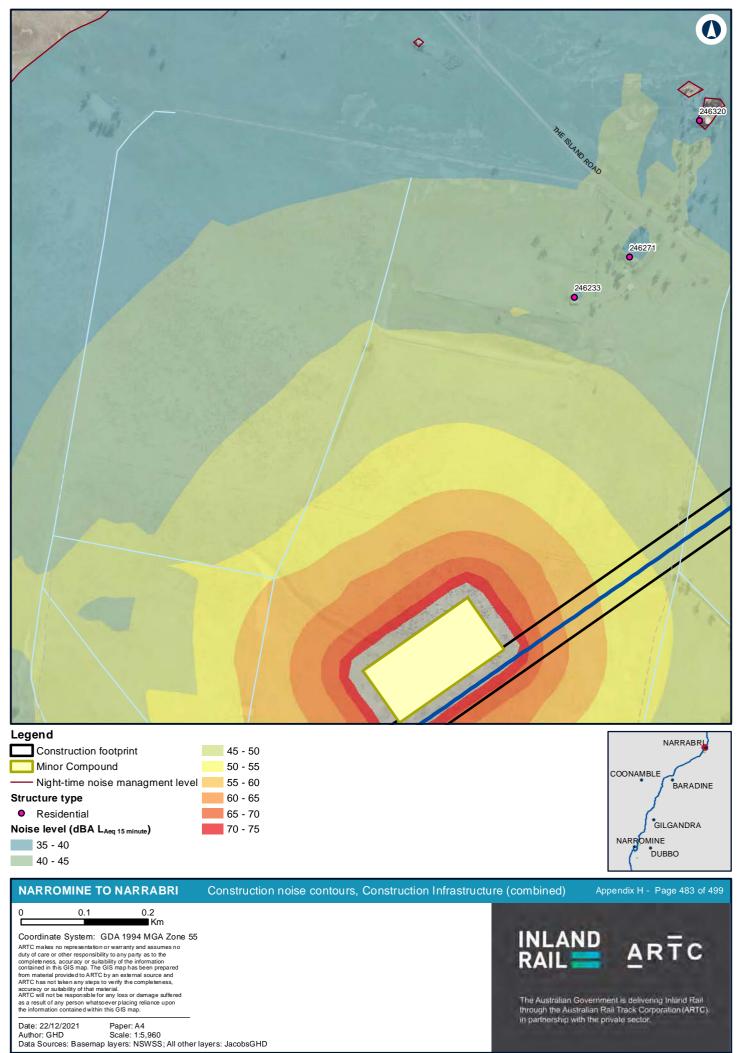
## Structure type

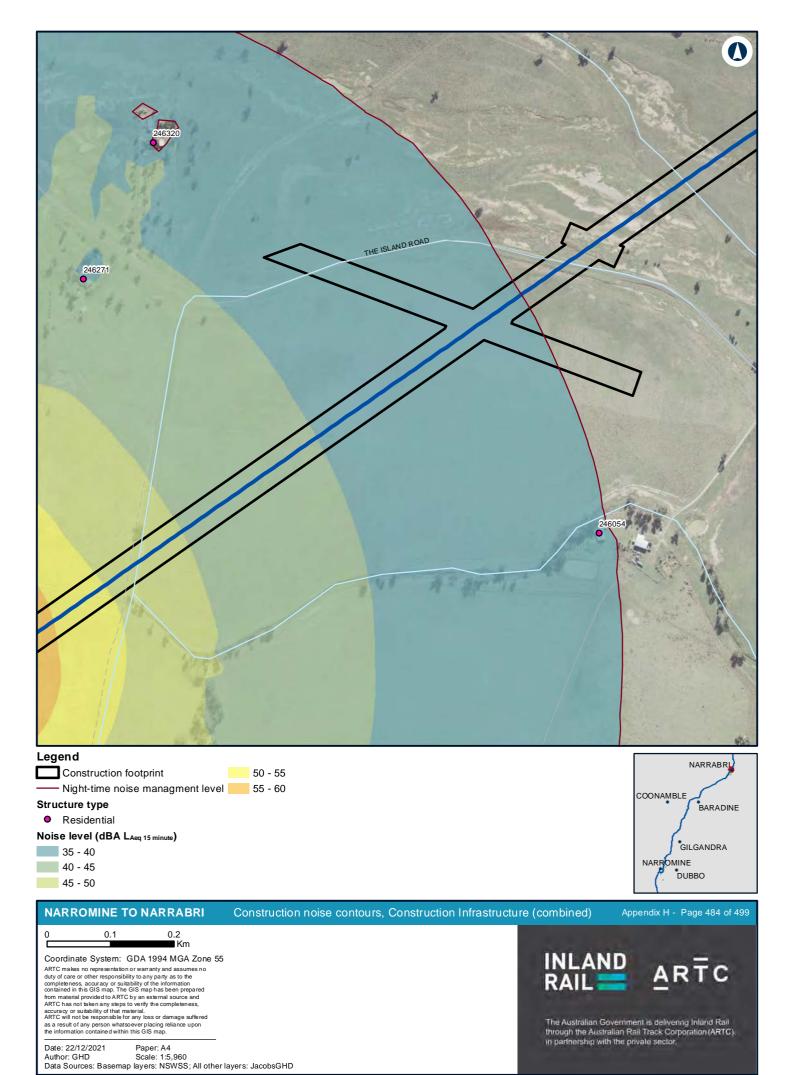
Residential

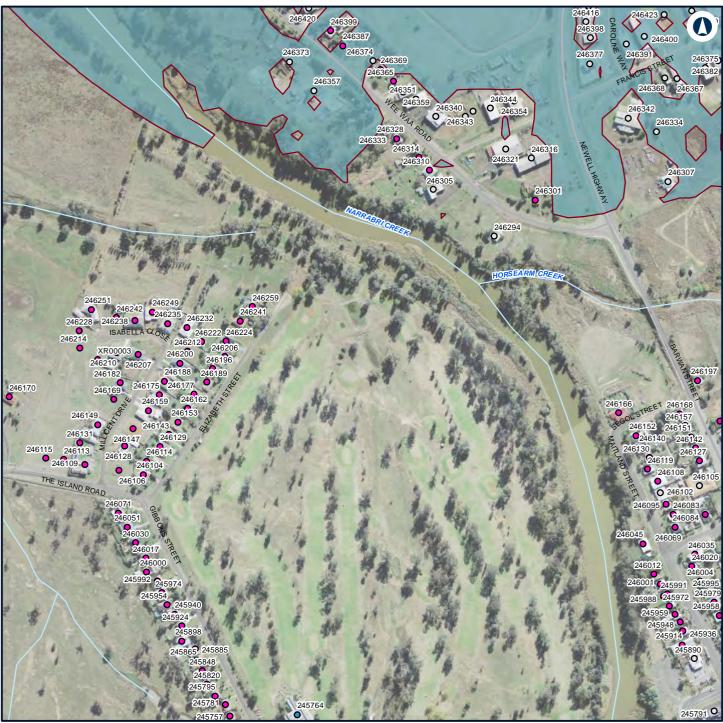
Noise level (dBA L<sub>Aeq 15 minute</sub>)











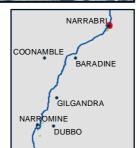
---- Night-time noise managment level

## Structure type

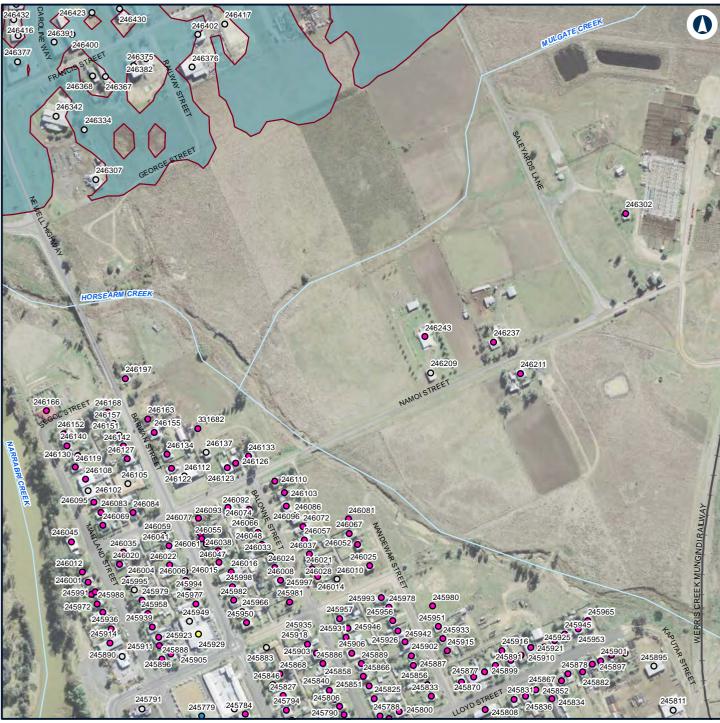
- Active recreation
- O Commercial/Industrial
- Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







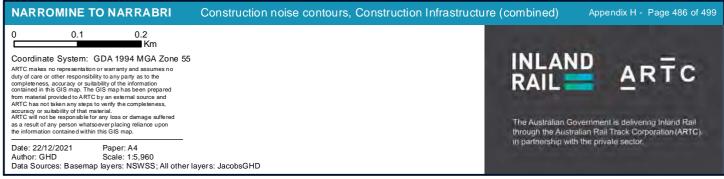
— Night-time noise managment level 40 - 45

#### Structure type

- Active recreation
- O Commercial/Industrial
- Community
- Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)







---- Night-time noise managment level

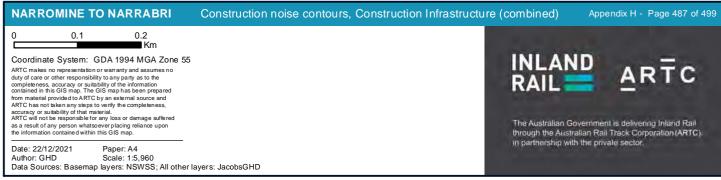
## Structure type

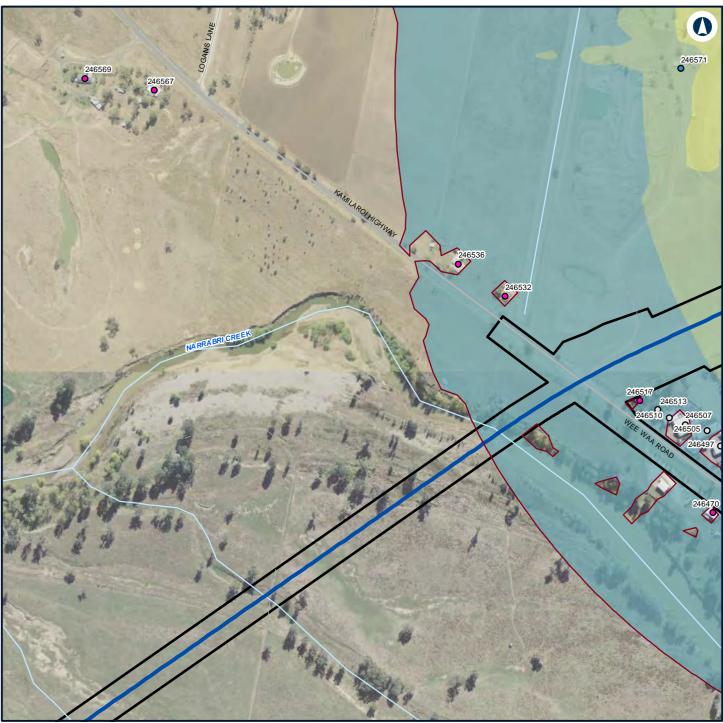
Residential

### Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40







Construction footprint 40 - 45

Night-time noise managment level 45 - 50

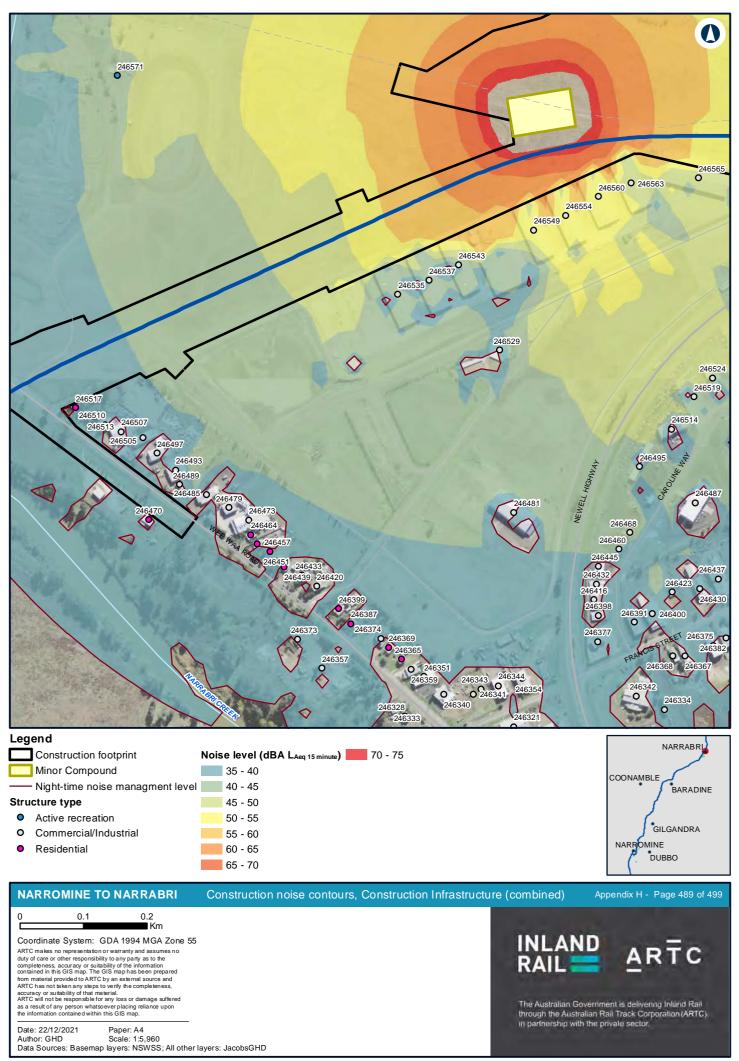
## Structure type

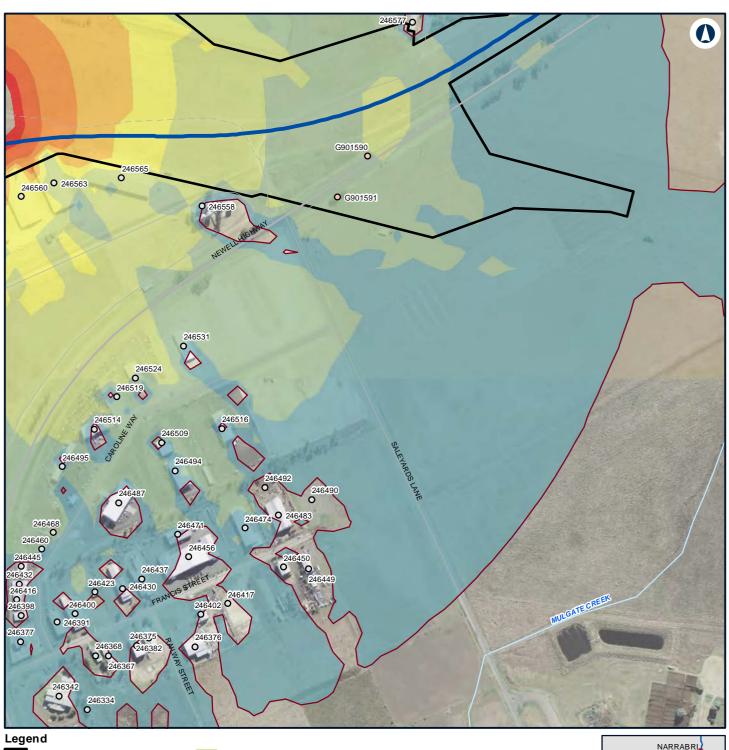
- Active recreation
- O Commercial/Industrial
- Residential

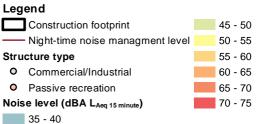
Noise level (dBA L<sub>Aeq 15 minute</sub>)



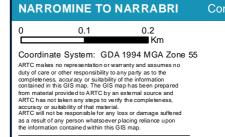








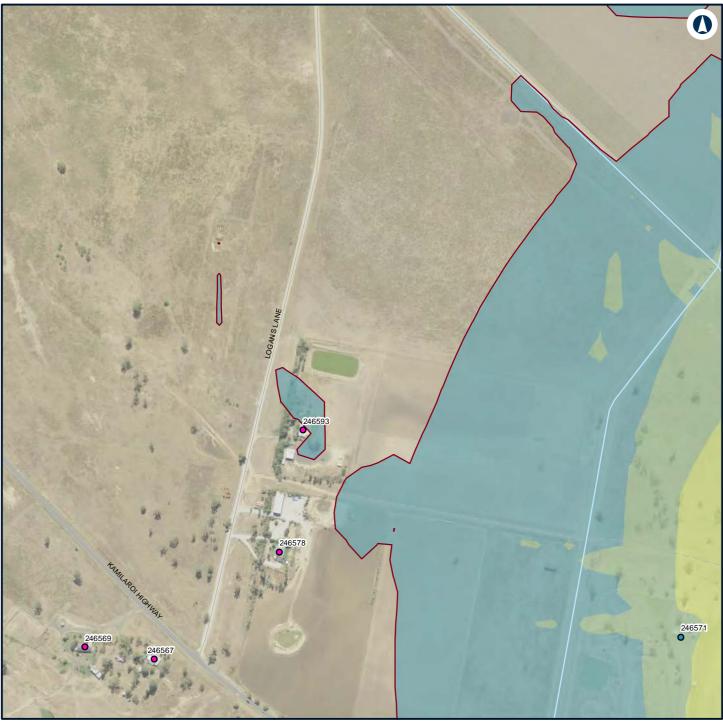
NARRABRI COONAMBLE BARADINE GILGANDRA NARROMINE DUBBO



40 - 45

Date: 22/12/2021 Paper: A4
Author: GHD Scale: 1:5,960
Data Sources: Basemap layers: NSWSS; All other layers: JacobsGHD





---- Night-time noise managment level

## Structure type

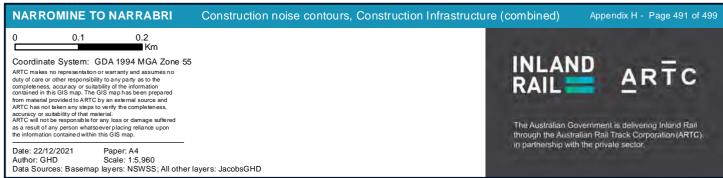
- Active recreation
- Residential

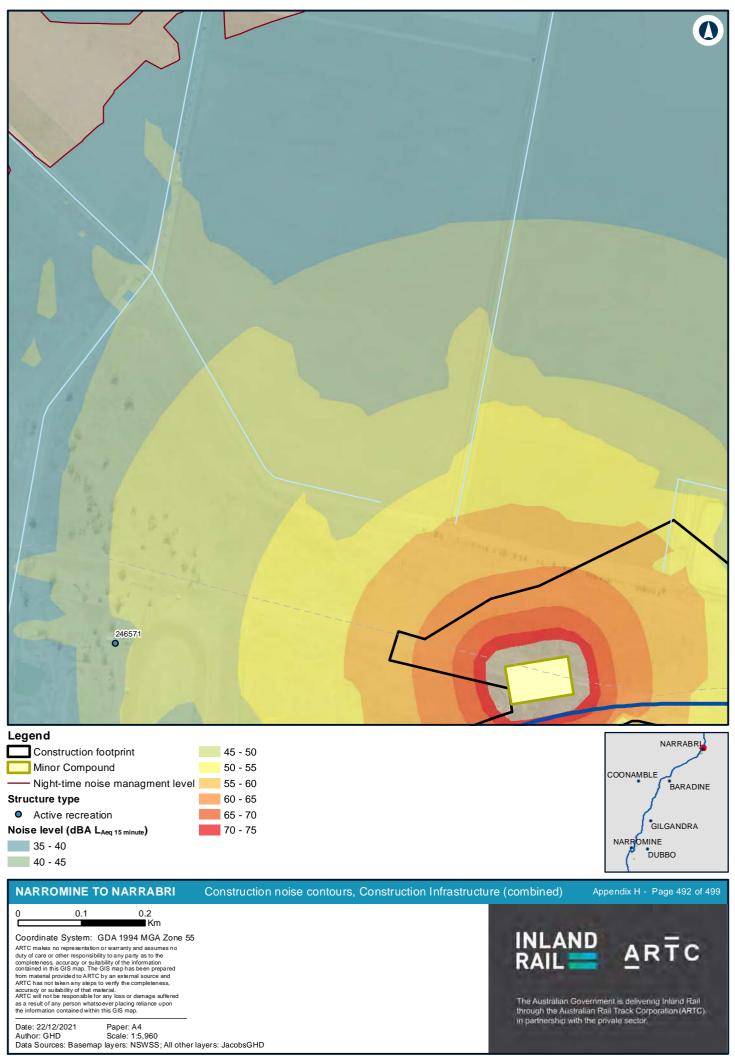
# Noise level (dBA L<sub>Aeq 15 minute</sub>)

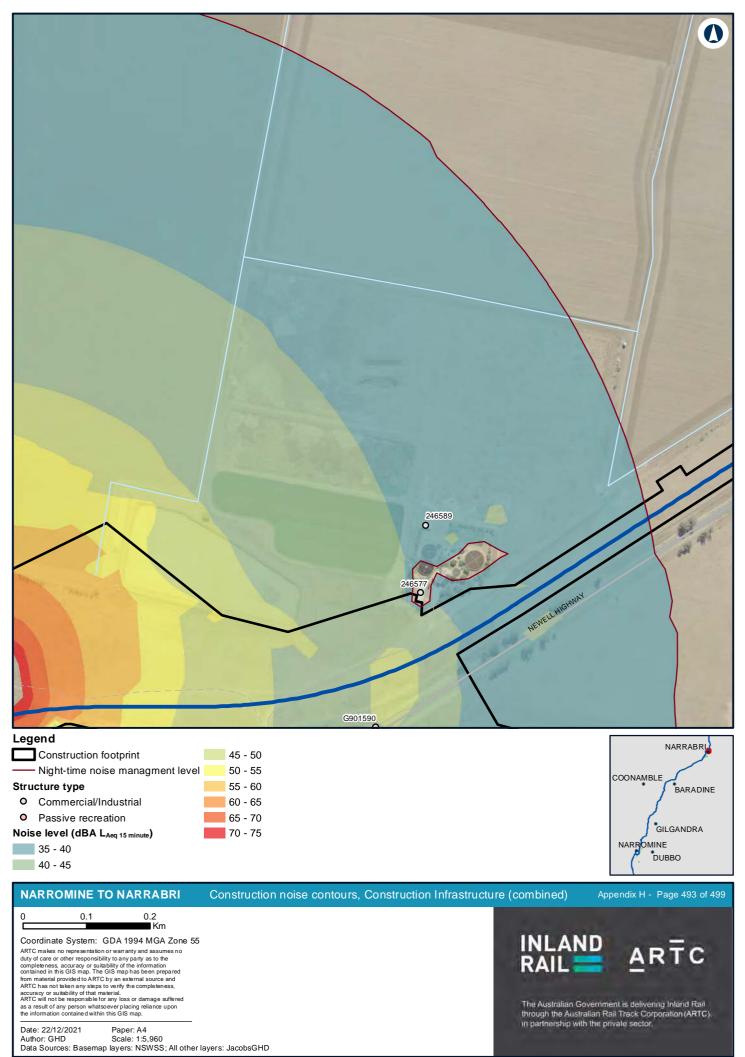
35 - 40

40 - 45











Construction footprint

---- Night-time noise managment level

Noise level (dBA LAeq 15 minute)







Construction footprint

Night-time noise managment level

## Structure type

Residential

## Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45

45 - 50



## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

COOTGINATE SYSTEM: GUA 1994 MIGA ZONE ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

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Construction footprint

---- Night-time noise managment level

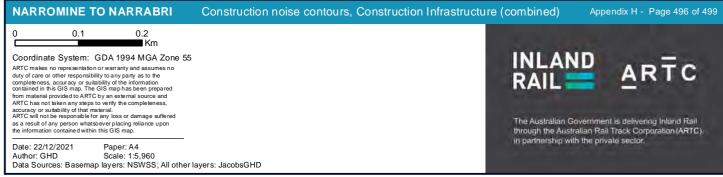
## Noise level (dBA L<sub>Aeq 15 minute</sub>)

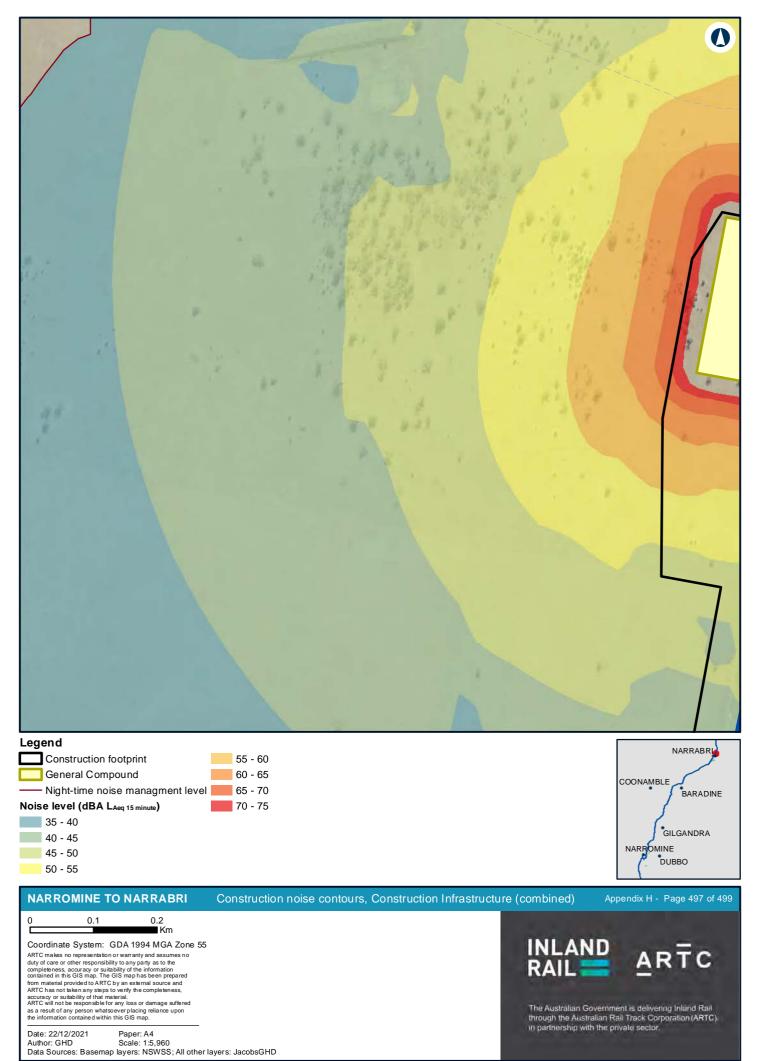
35 - 40

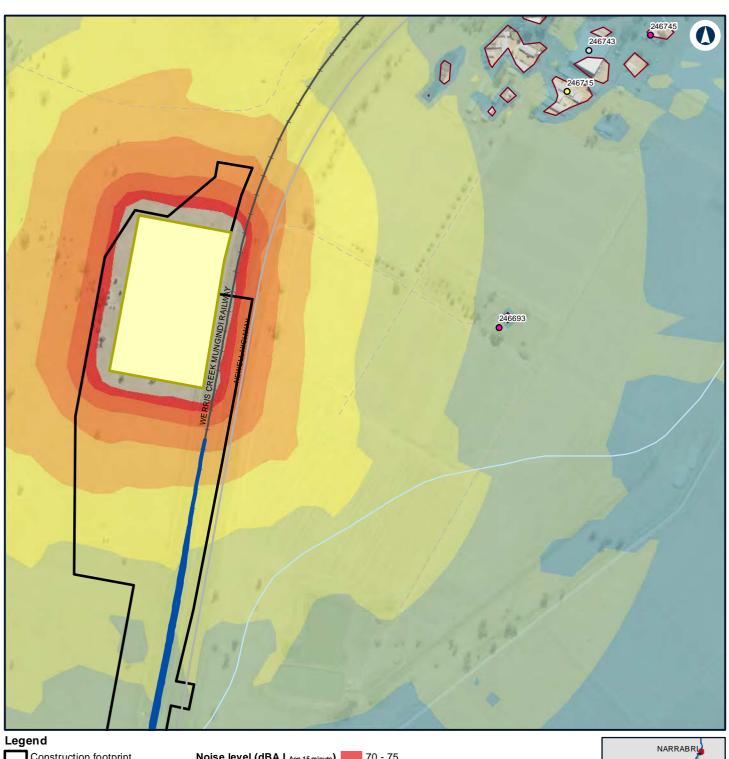
40 - 45

40 - 45



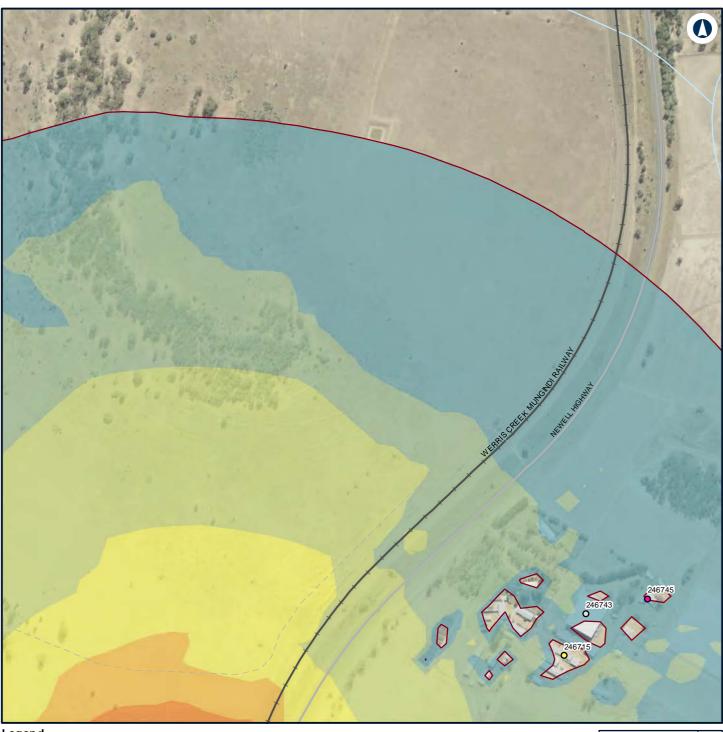














 Night-time noise managment level 45 - 50 50 - 55

Structure type

O Commercial/Industrial 55 - 60

Community

60 - 65

Residential

# Noise level (dBA L<sub>Aeq 15 minute</sub>)

35 - 40

40 - 45



## NARROMINE TO NARRABRI

Construction noise contours, Construction Infrastructure (combined)

0.1 0.2

Coordinate System: GDA 1994 MGA Zone 55

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