

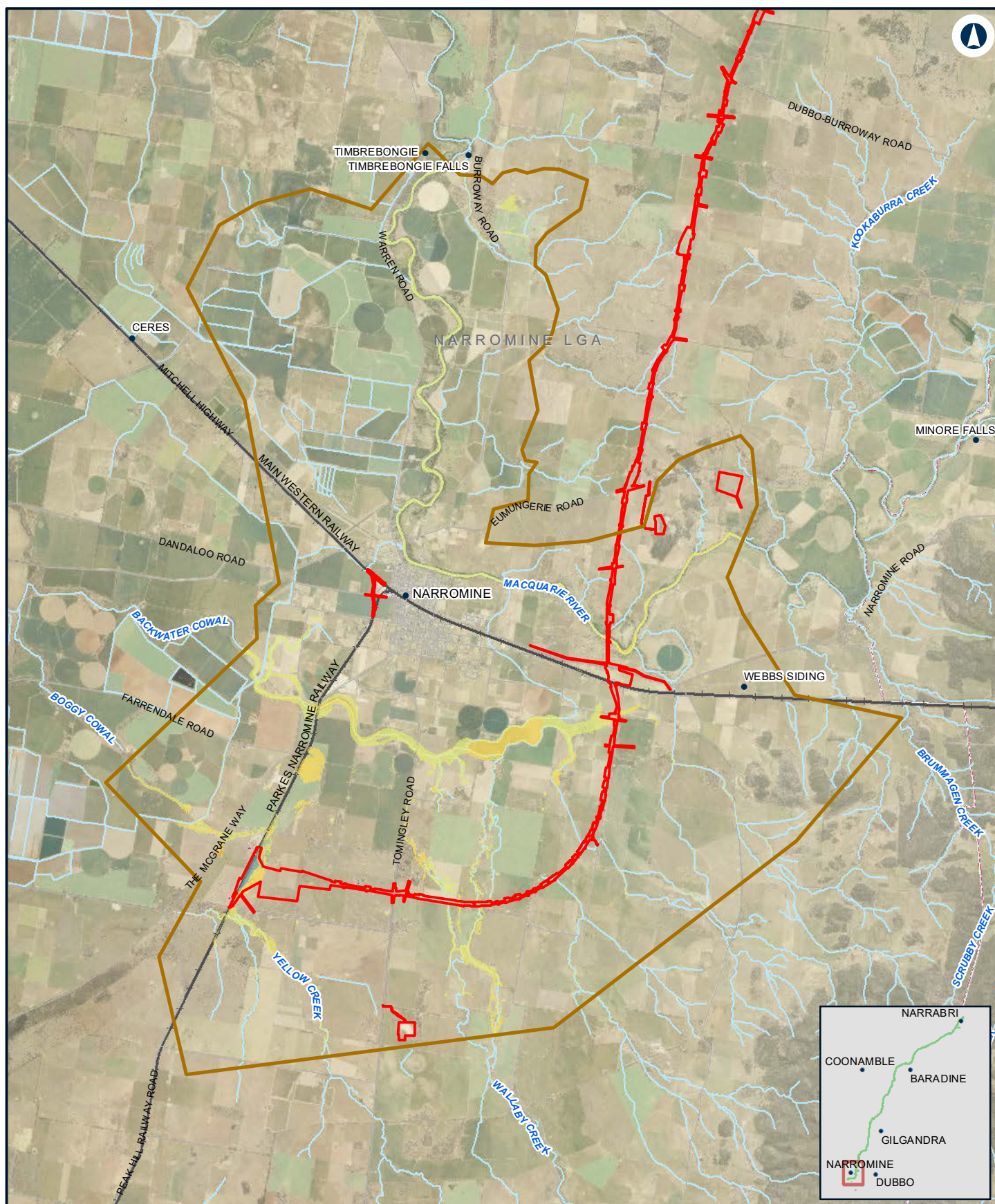
TECHNICAL REPORT 03

Updated flooding and hydrology assessment

Appendix G3 Operational— change in flood duration

NARROMINE TO NARRABRI PROJECT





NARROMINE TO NARRABRI

Change in duration - 20% AEP - NFM

Appendix G - Figure 3.1a

0 1.5 3 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

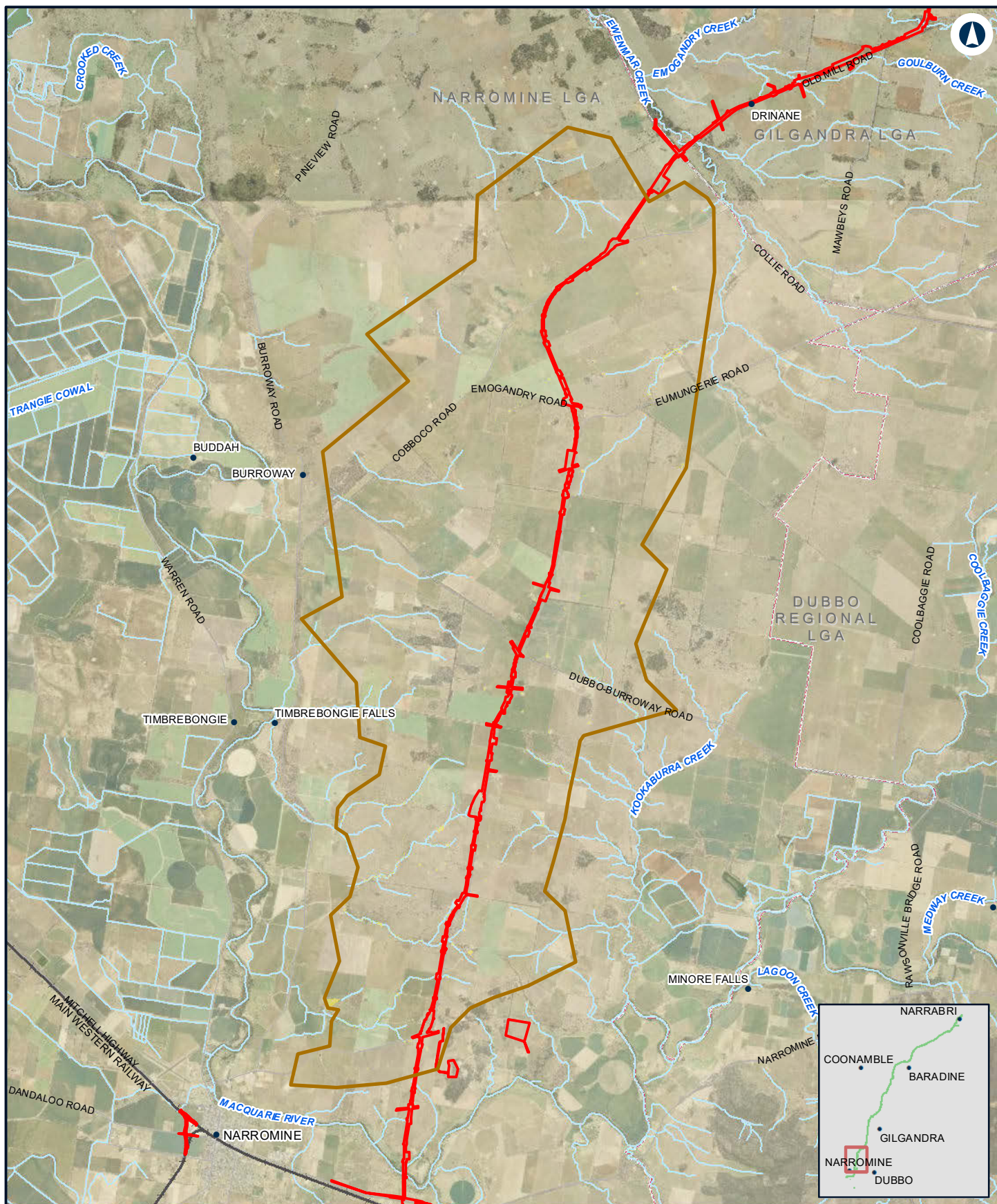
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N14

Appendix G - Figure 3.1b

0 2 4 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

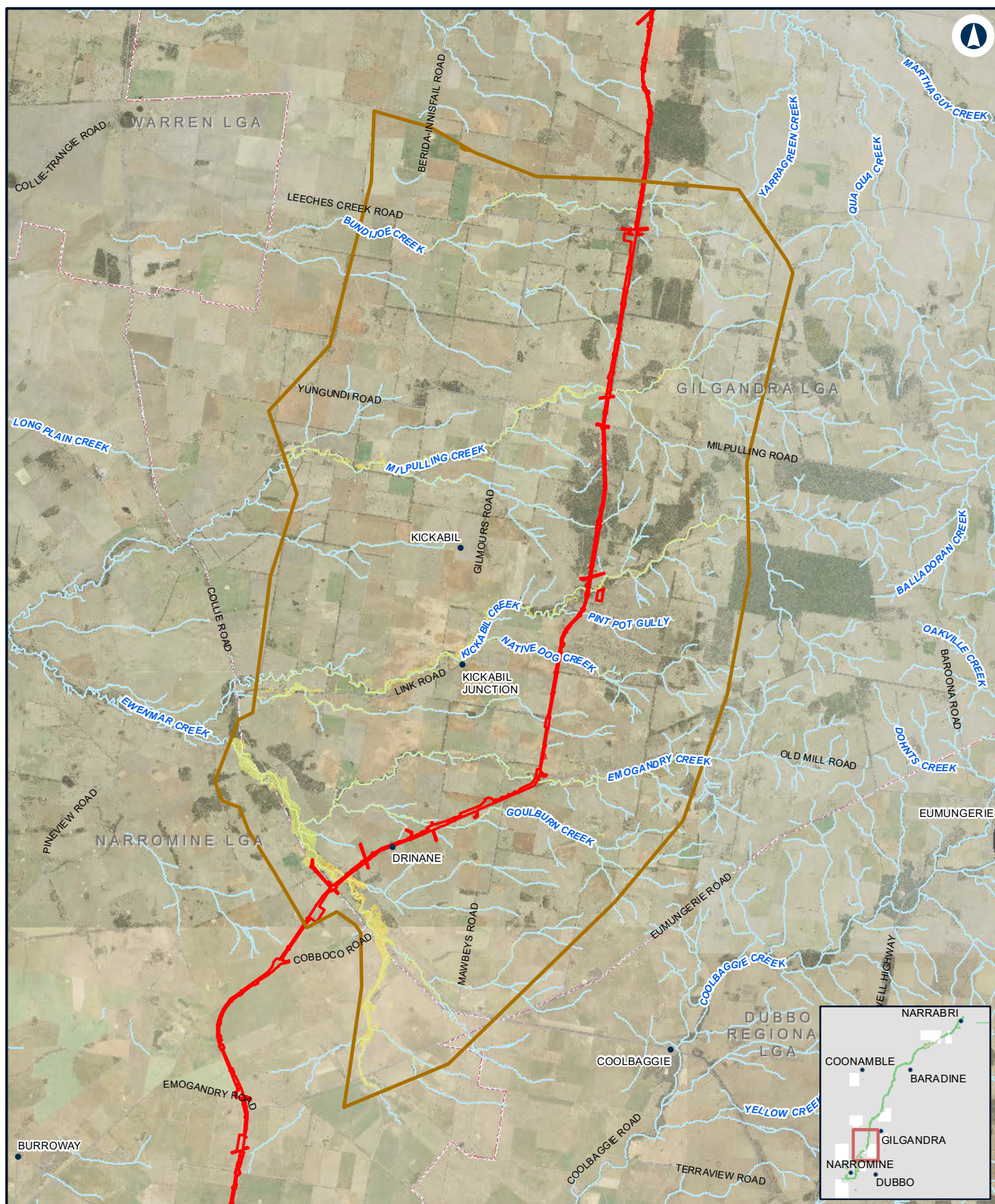
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N13

Appendix G - Figure 3.1c

0 2.5 5 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

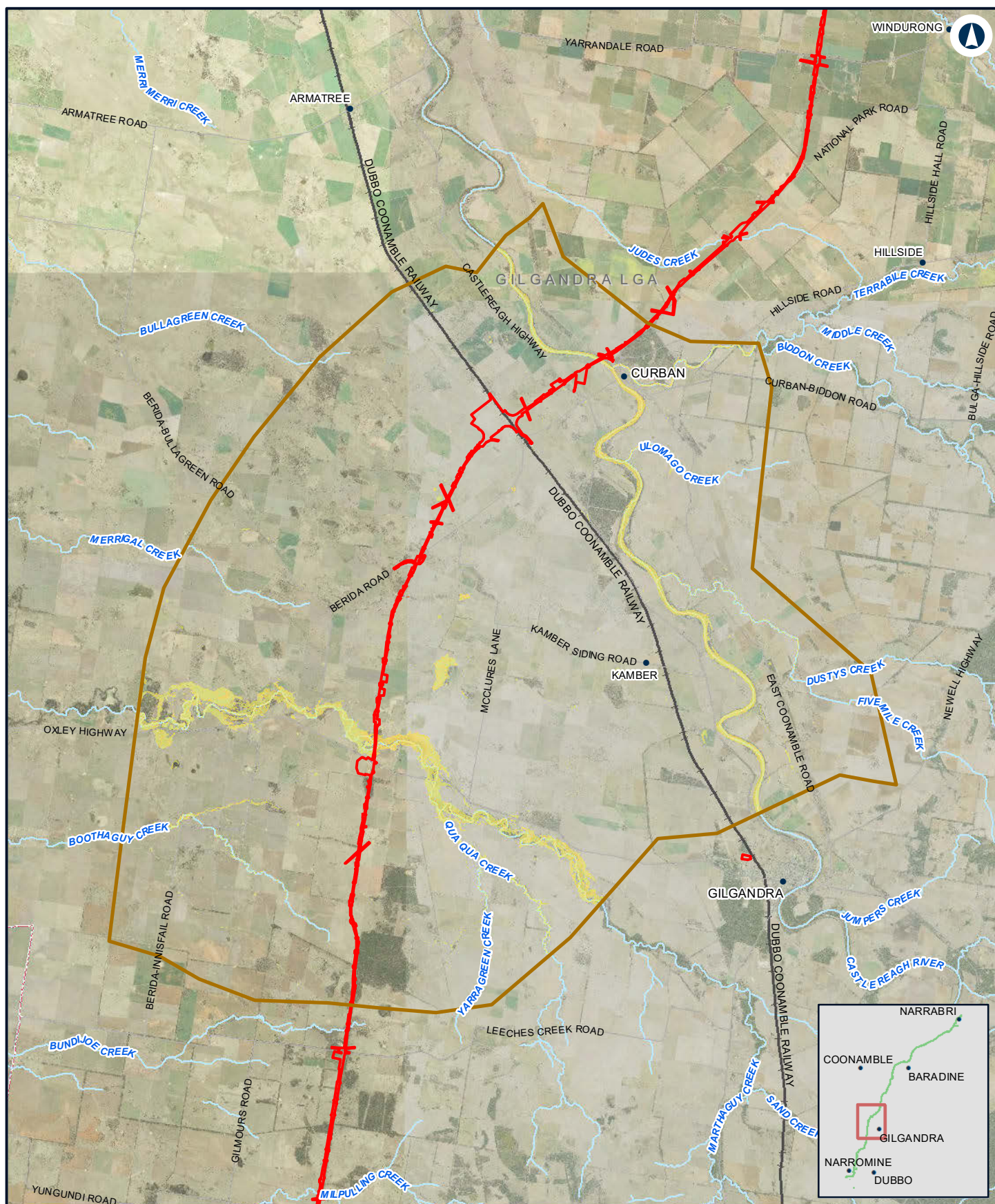
6 hr - 12 hr increase

12 hr - 24 hr increase

> 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N11N12

Appendix G - Figure 3.1d

0 2.5 5
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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

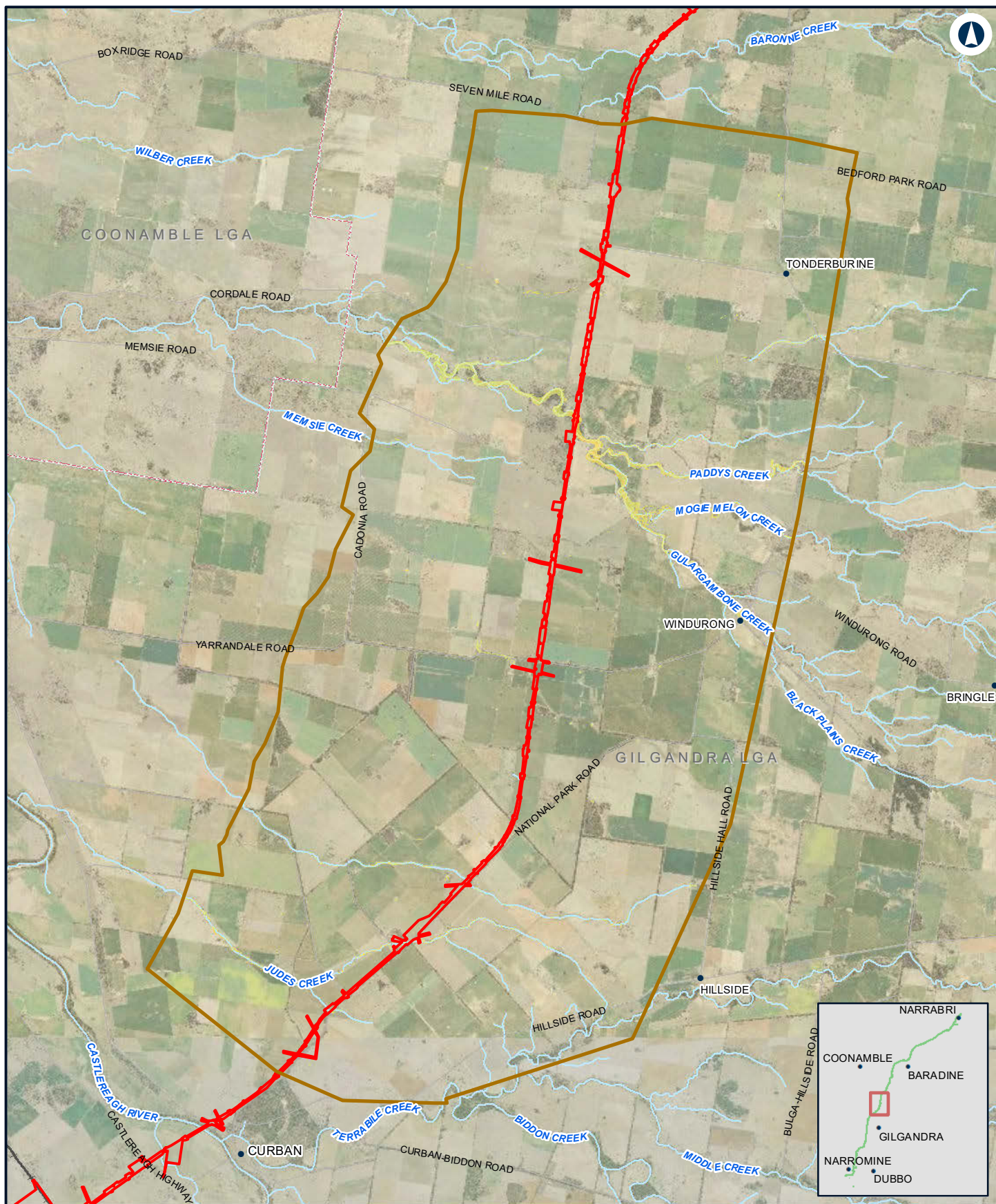
3 hr - 6 hr increase

6 hr - 12 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N10

Appendix G - Figure 3.1e

0 1.5 3
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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

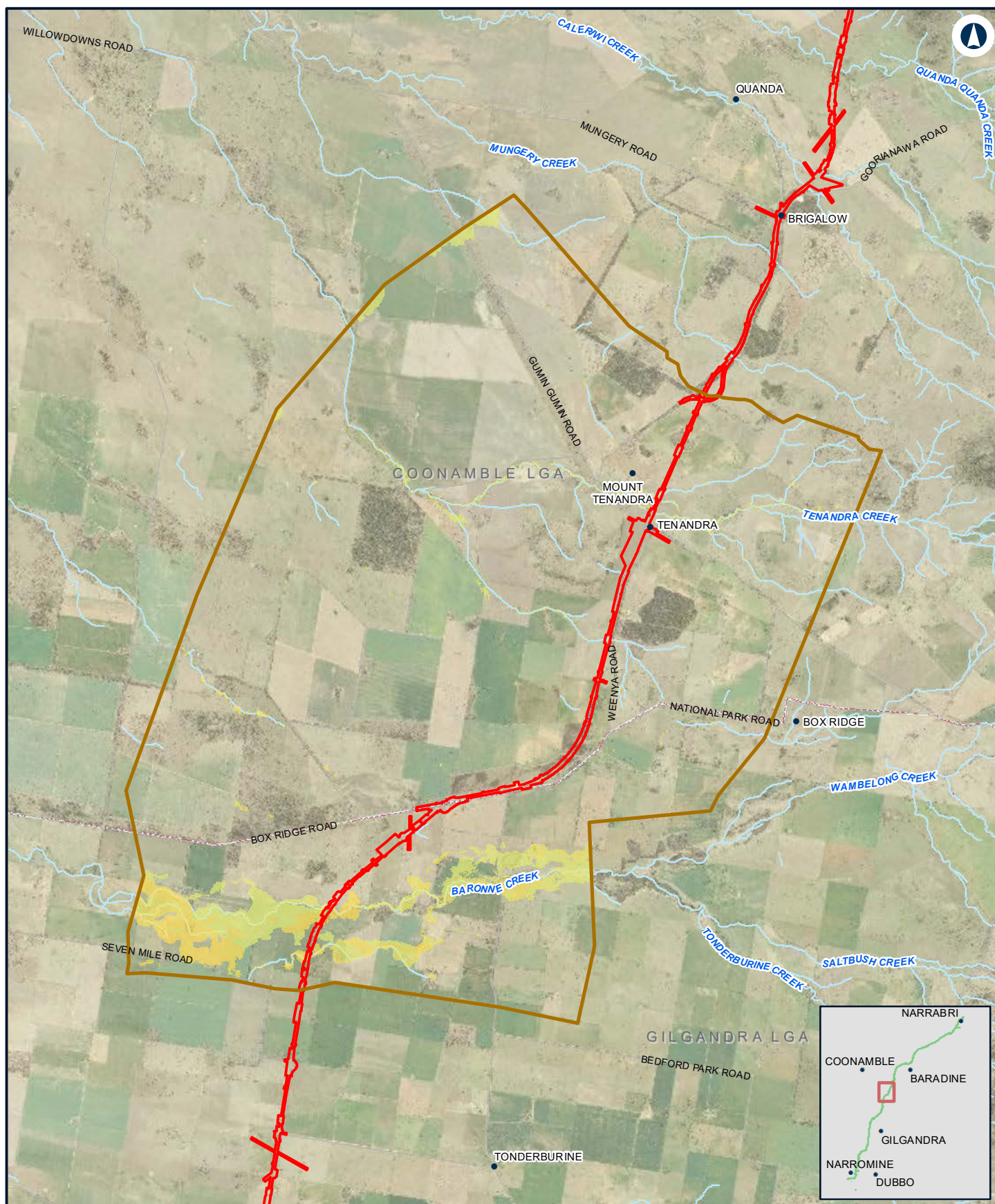
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N9

Appendix G - Figure 3.1f

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

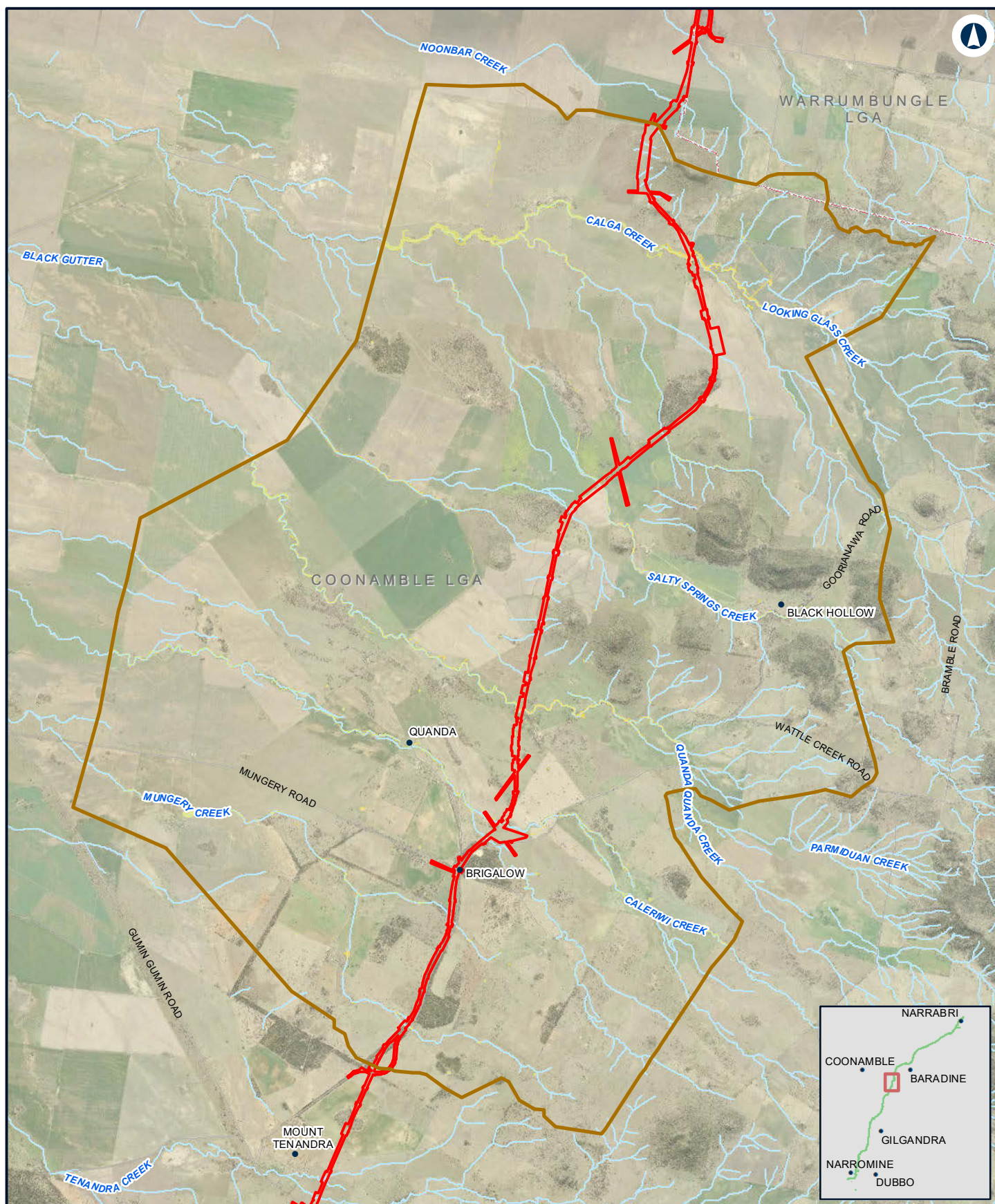
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N8

Appendix G - Figure 3.1g

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

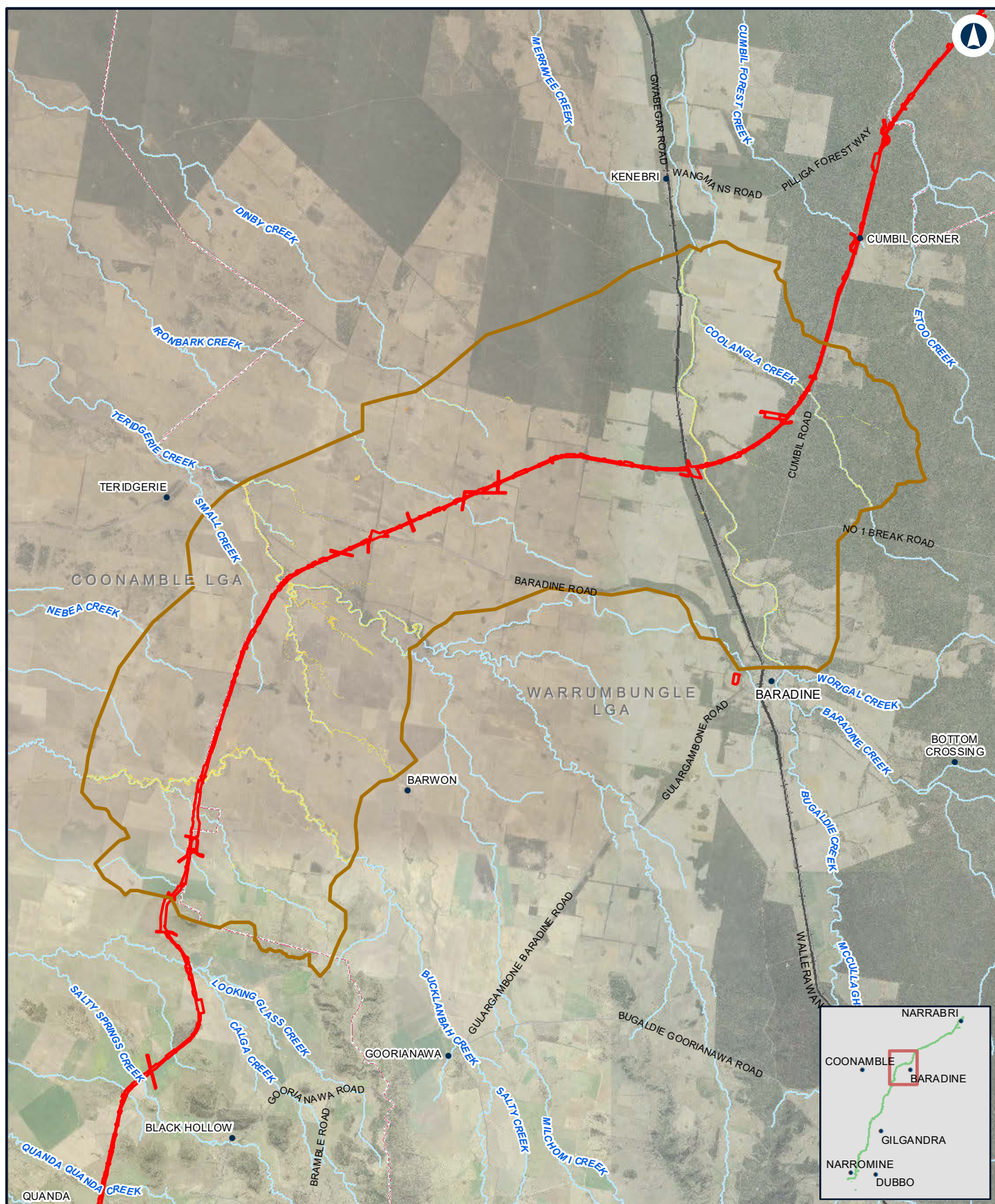
Duration Change

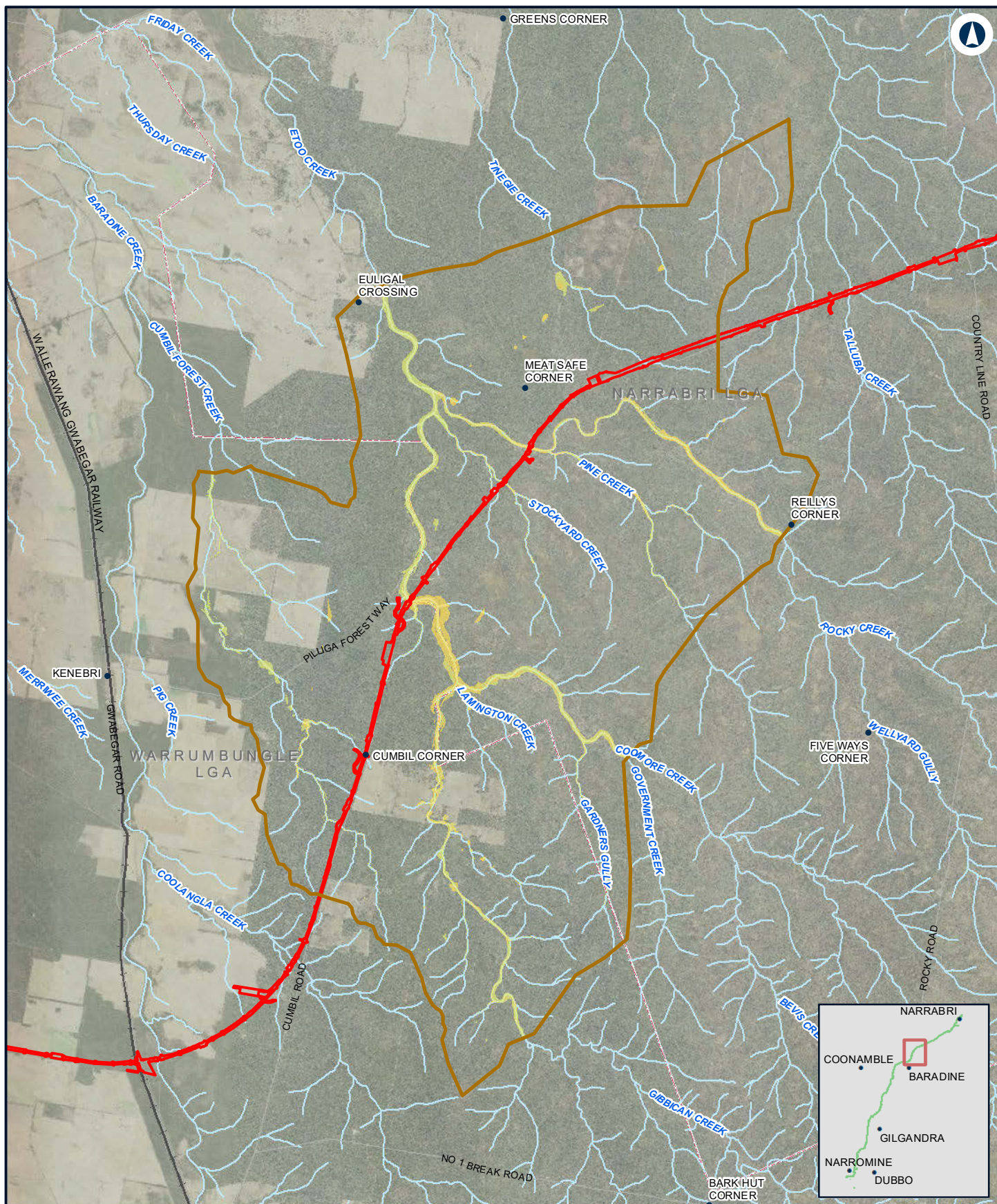
- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

**INLAND
RAIL**

ARTC

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





NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N6

Appendix G - Figure 3.1i

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

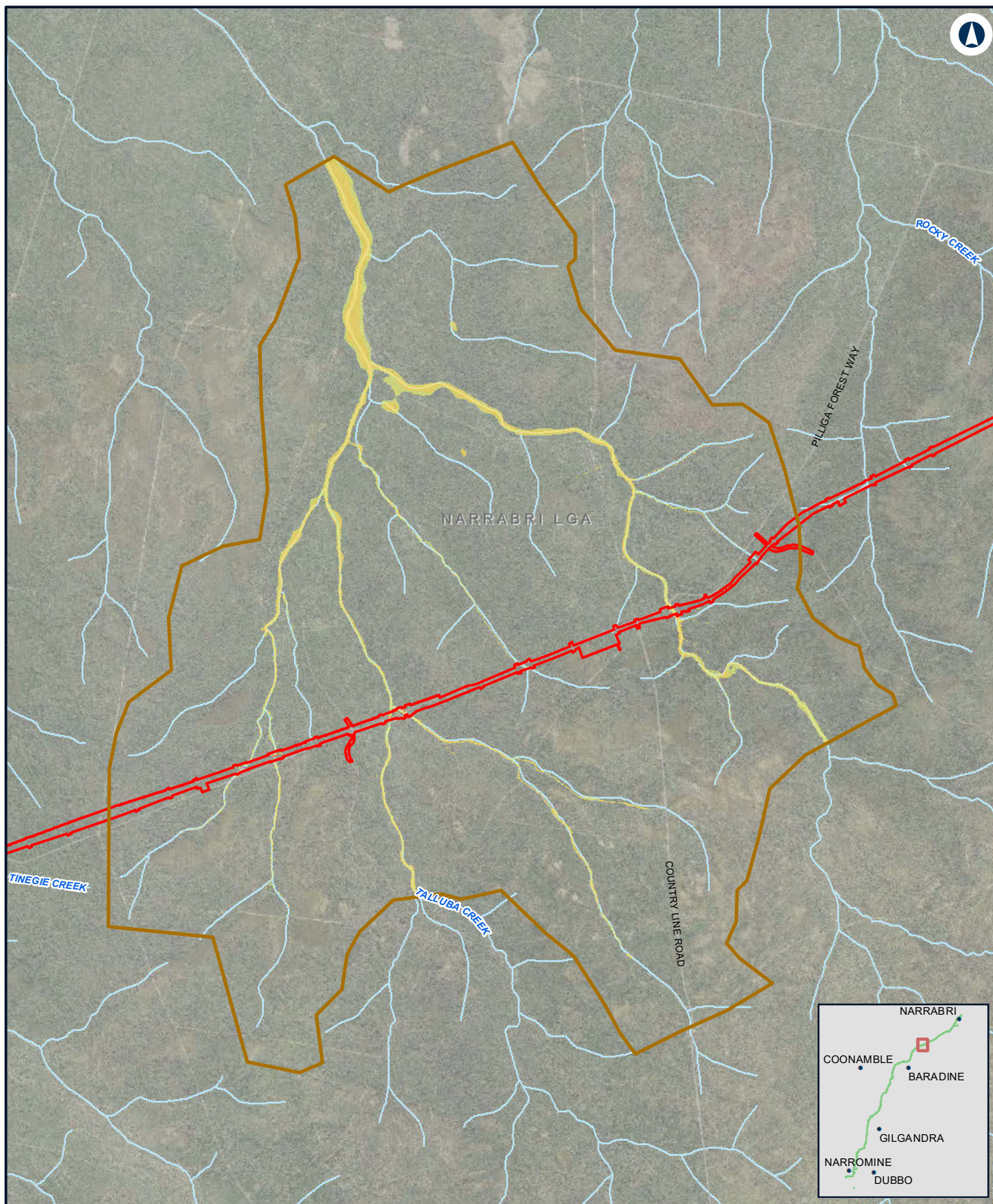
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N5

Appendix G - Figure 3.1j

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

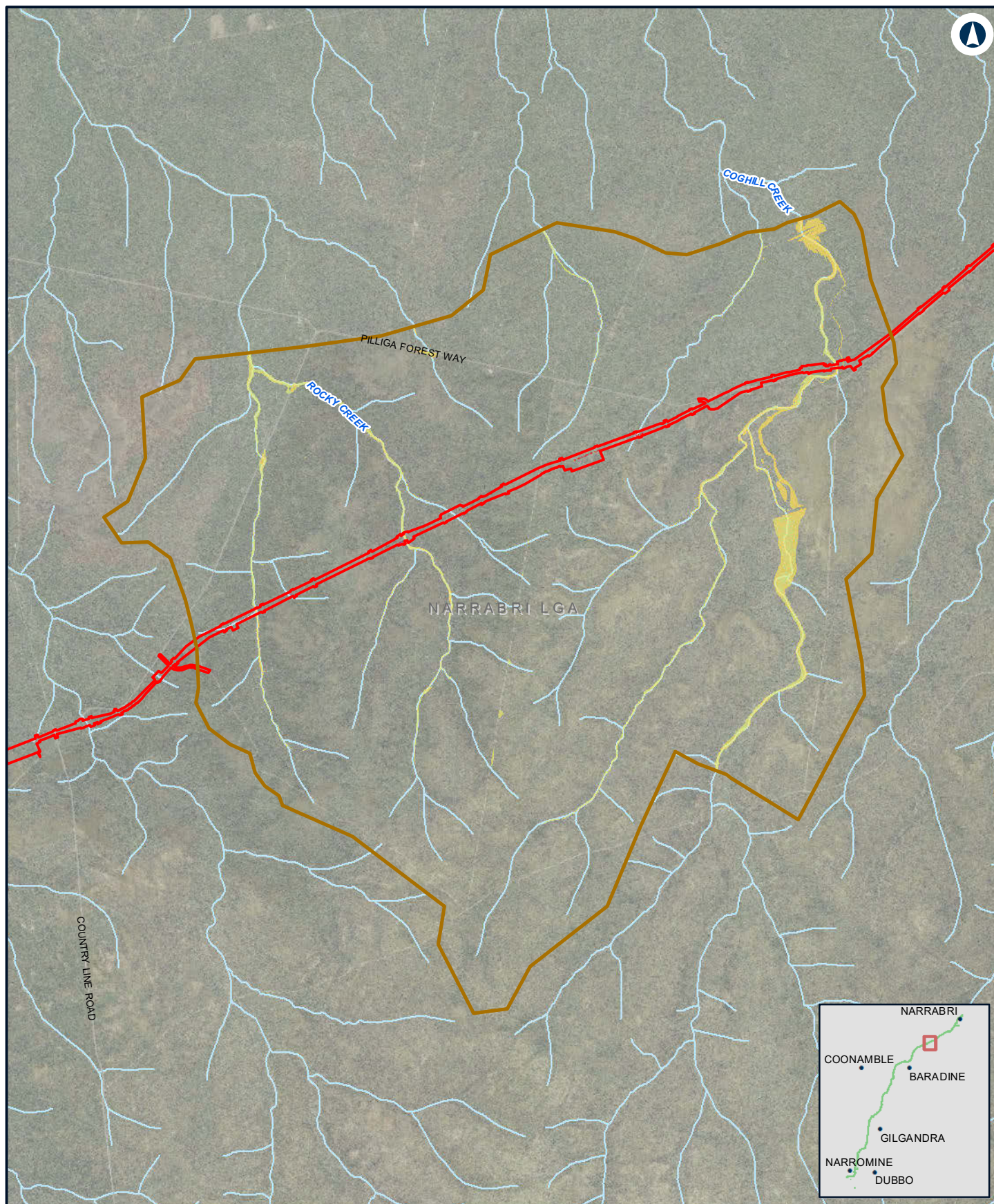
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N4

Appendix G - Figure 3.1k

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

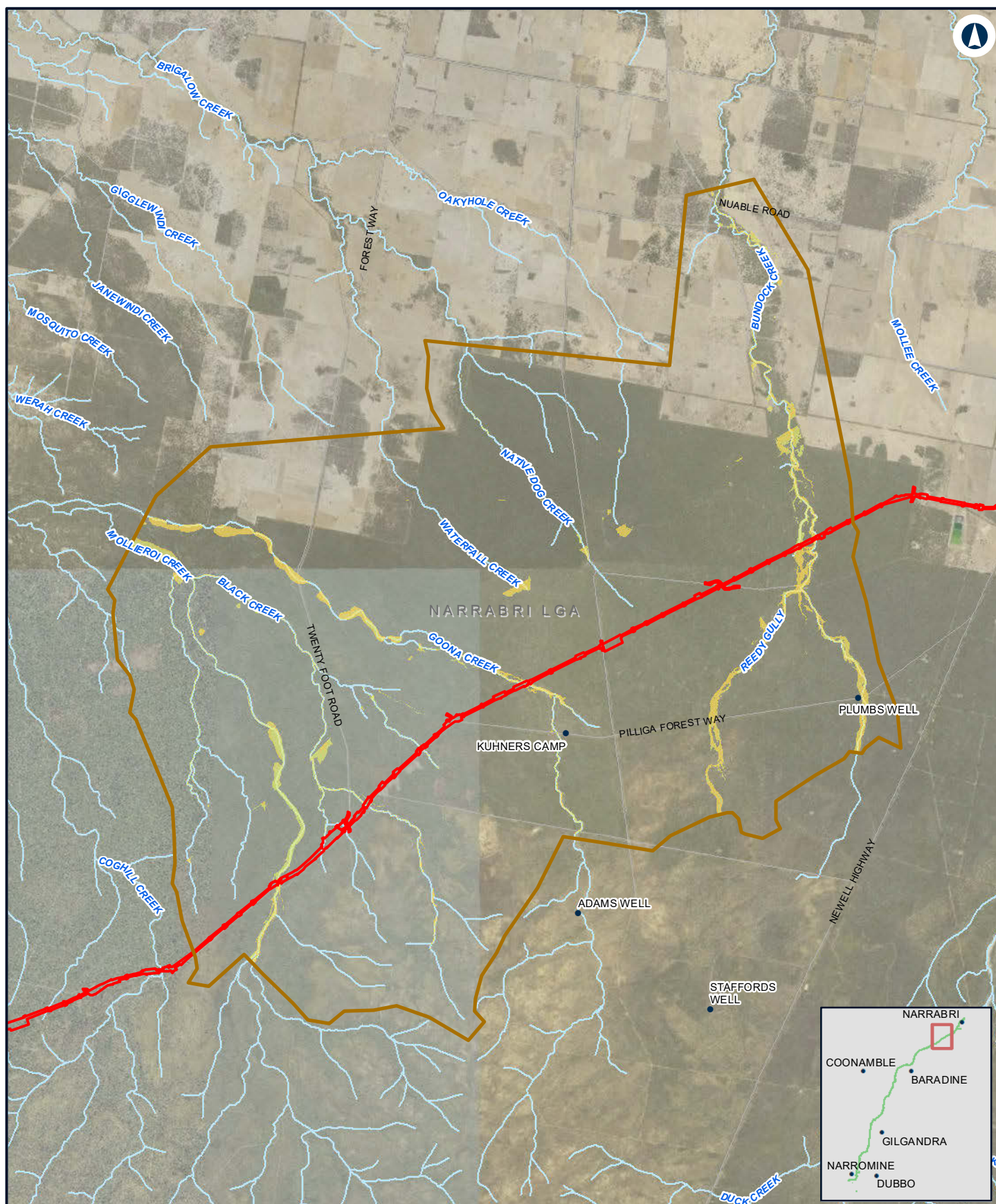
 6 hr - 12 hr increase

 12 hr - 24 hr increase

 > 24 hr increase

INLAND RAIL **ARTC**

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



0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

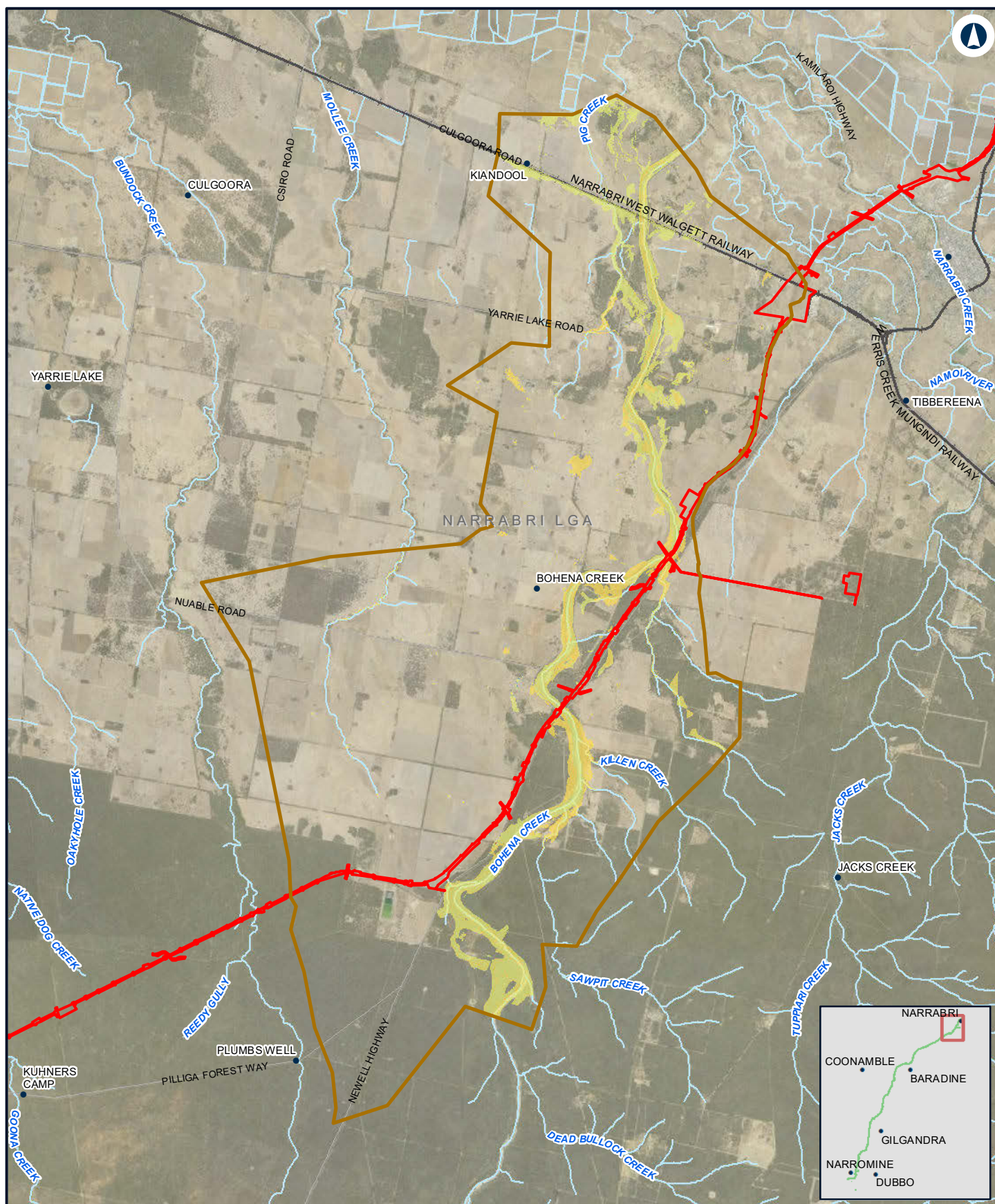
Duration Change

- | | |
|--|--|
| > 24 hr decrease | 12 hr - 24 hr increase |
| 12 hr - 24 hr decrease | 6 hr - 12 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - N2N1

Appendix G - Figure 3.1m

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

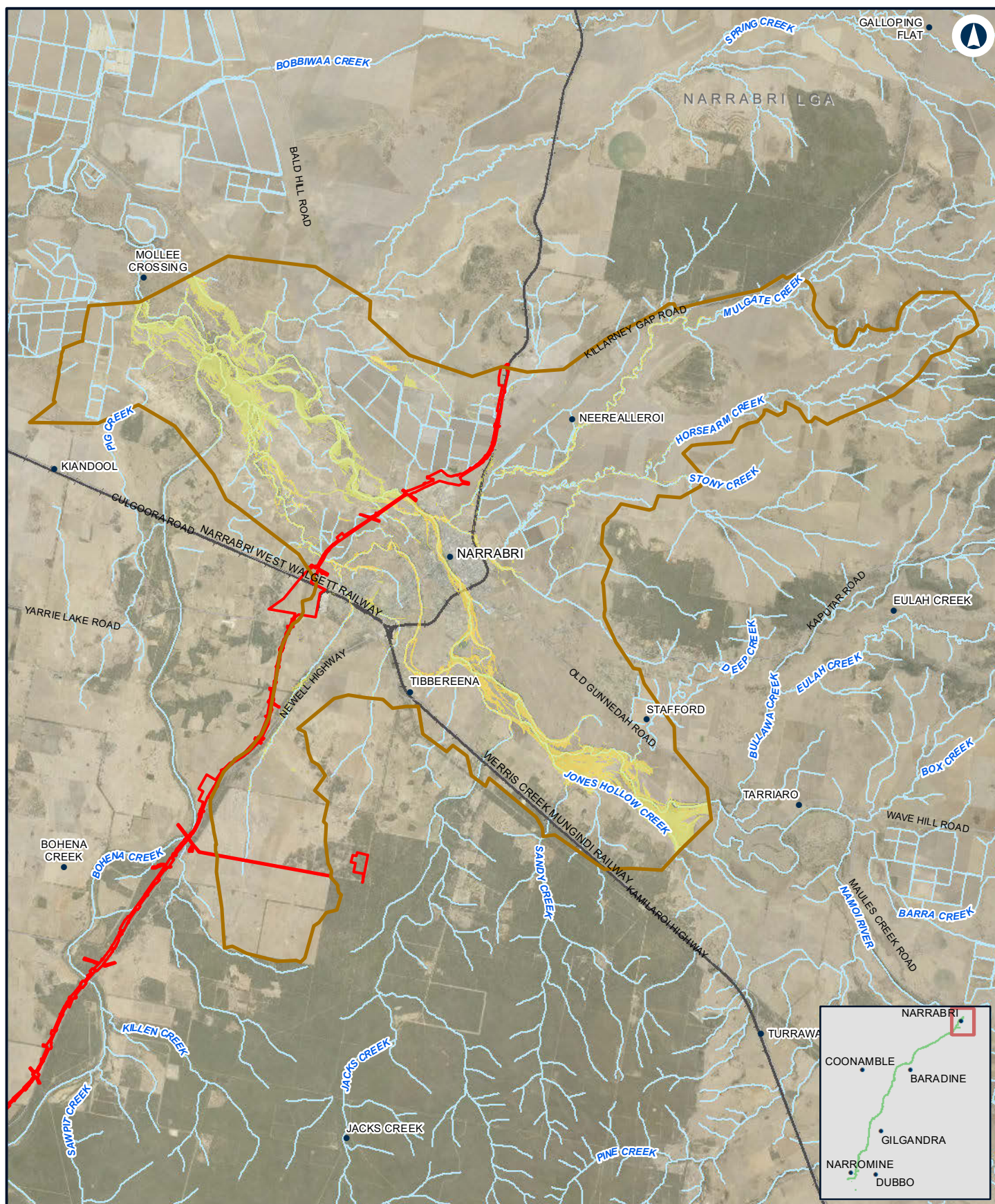
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 20% AEP - Narrabri

Appendix G - Figure 3.1n

0 2 4
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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

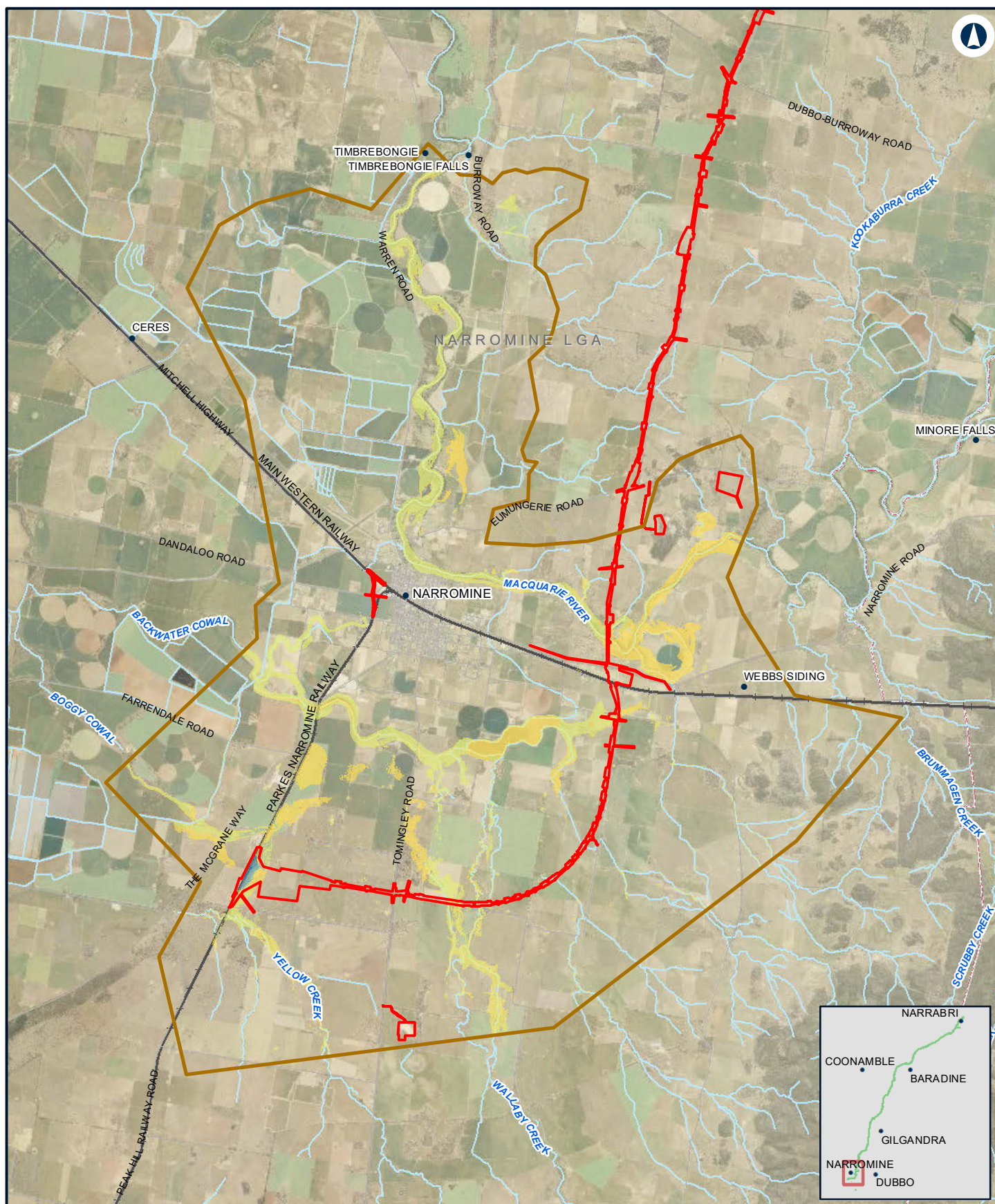
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - NFM

Appendix G - Figure 3.2a

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

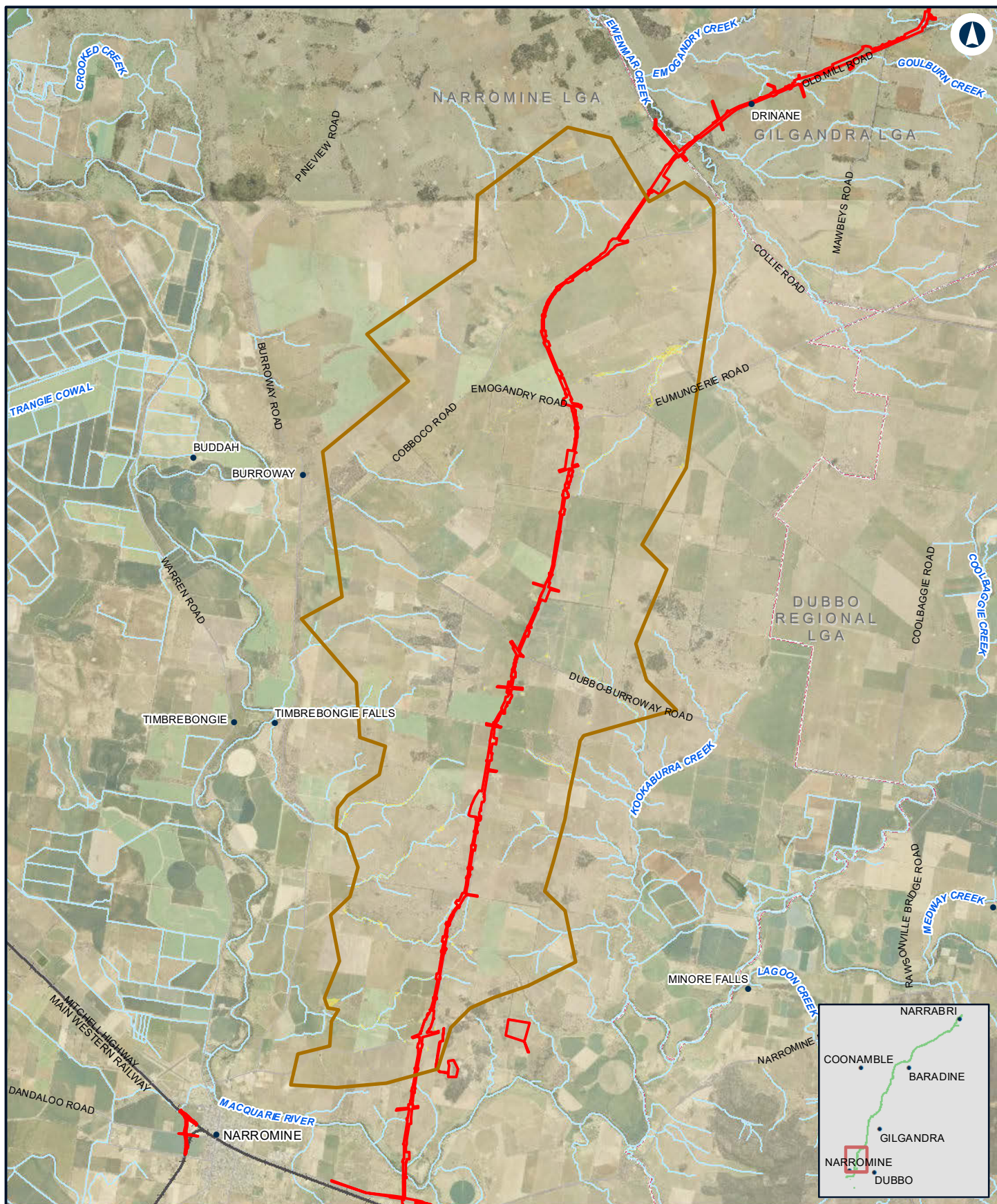
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 12 hr - 24 hr increase |
| 12 hr - 24 hr decrease | > 24 hr increase |
| 6 hr - 12 hr decrease | |
| 3 hr - 6 hr decrease | |
| 0 hr - 3 hr decrease | 0 hr - 3 hr increase |
| | 3 hr - 6 hr increase |
| | 6 hr - 12 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N14

Appendix G - Figure 3.2b

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

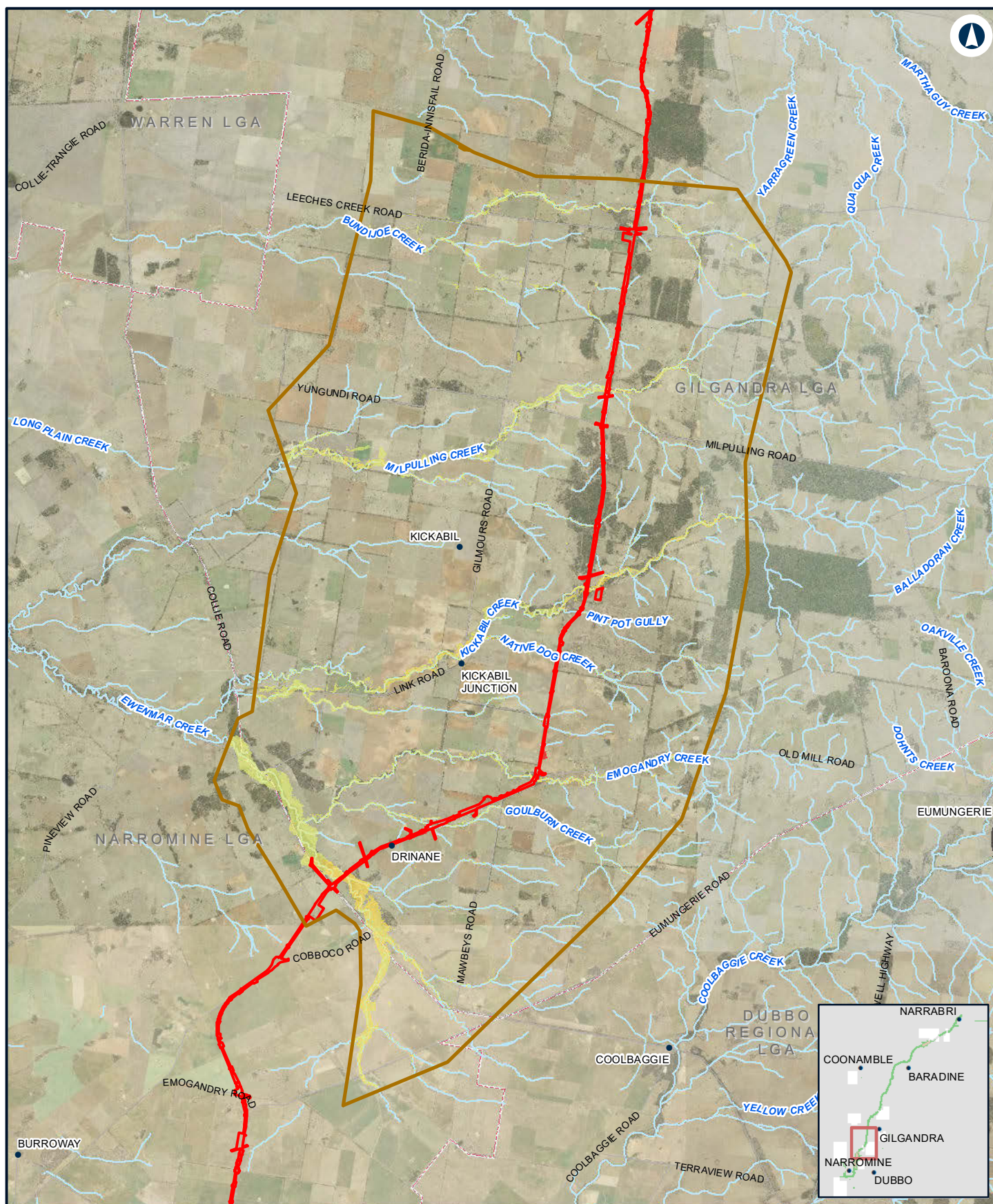
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N13

Appendix G - Figure 3.2c

0 2.5 5 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

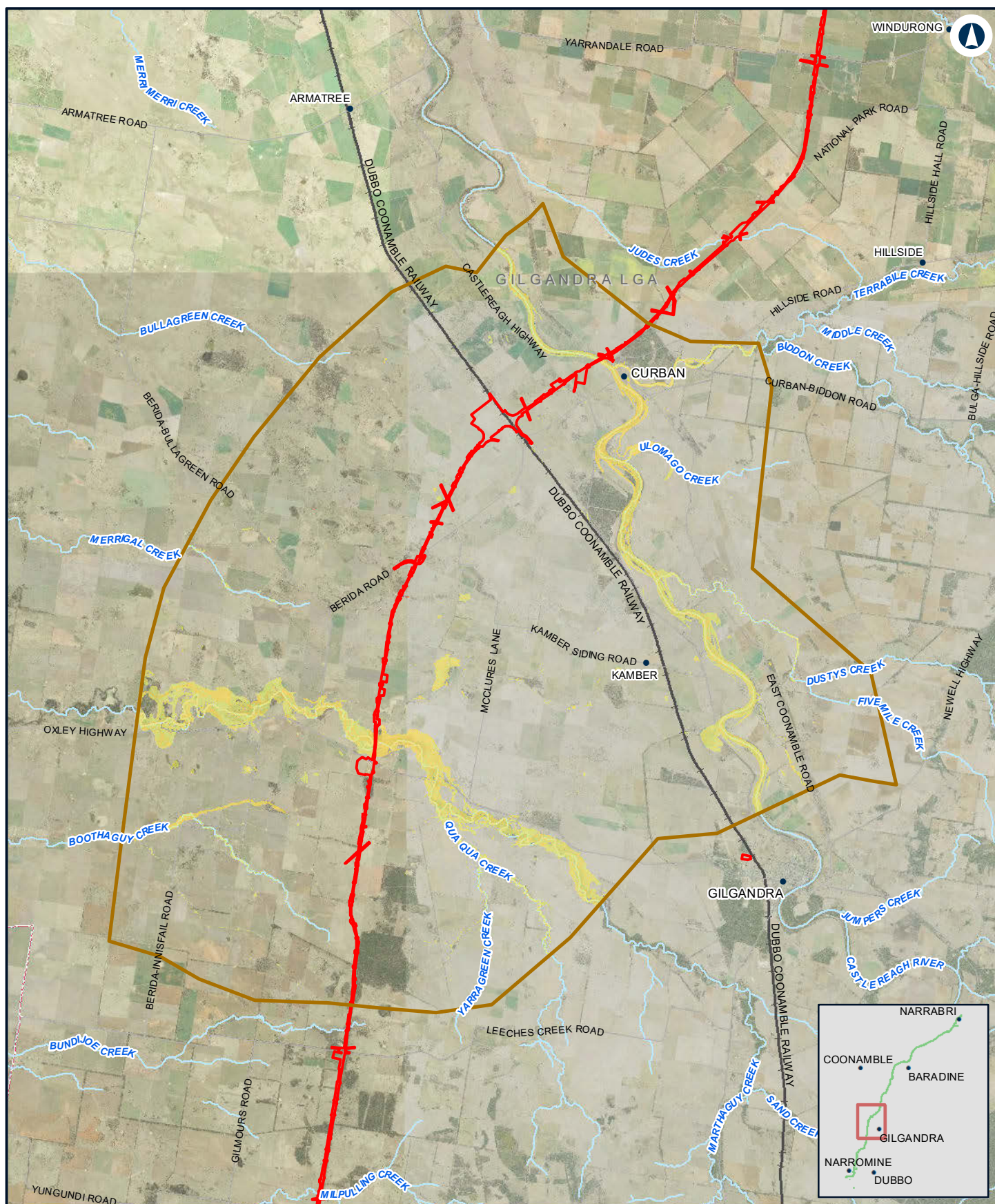
- The proposal site
- Model boundary

Duration Change

- | | |
|---|---|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N11N12

Appendix G - Figure 3.2d

0 2.5 5
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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

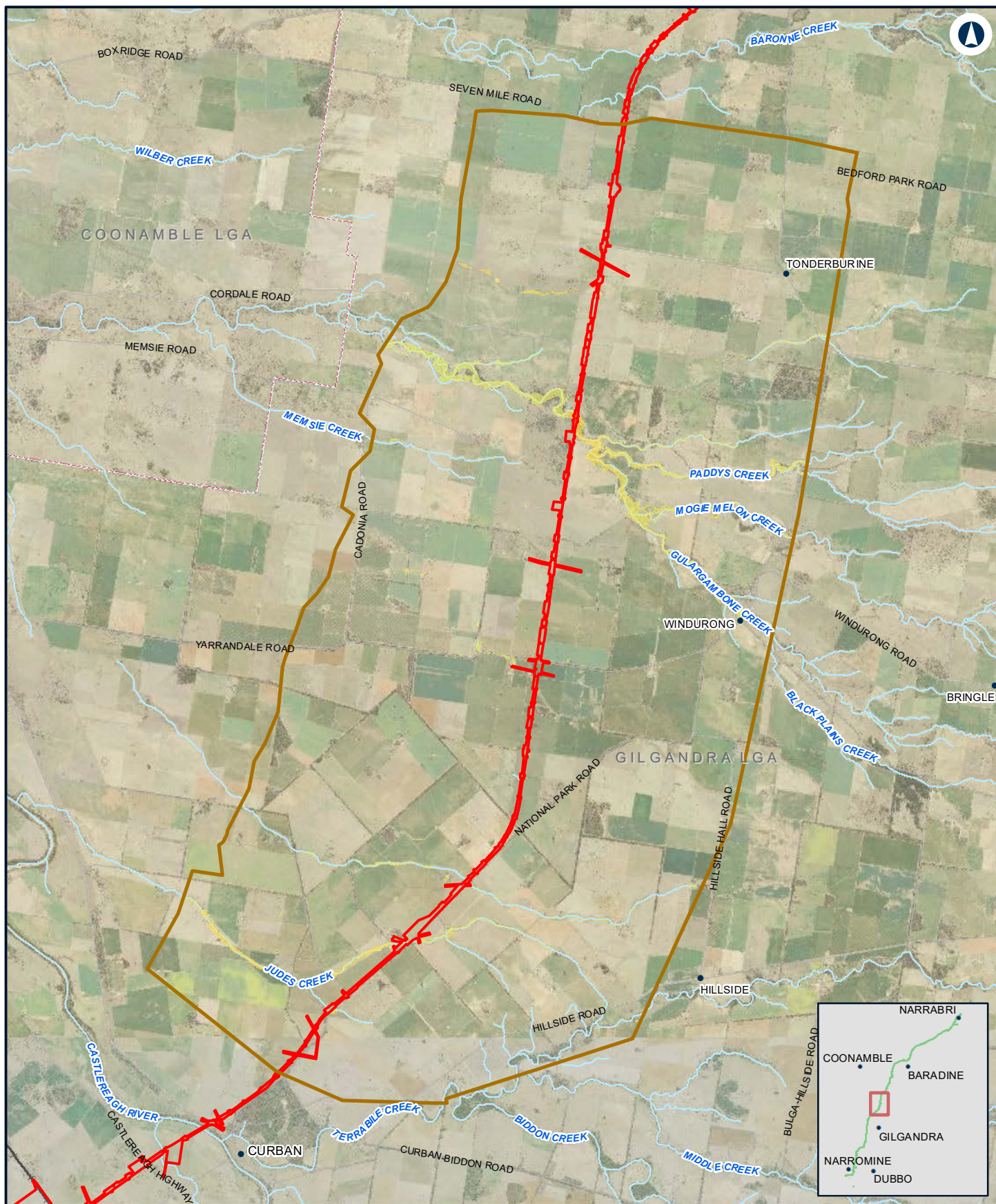
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N10

Appendix G - Figure 3.2e

0 1.5 3
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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

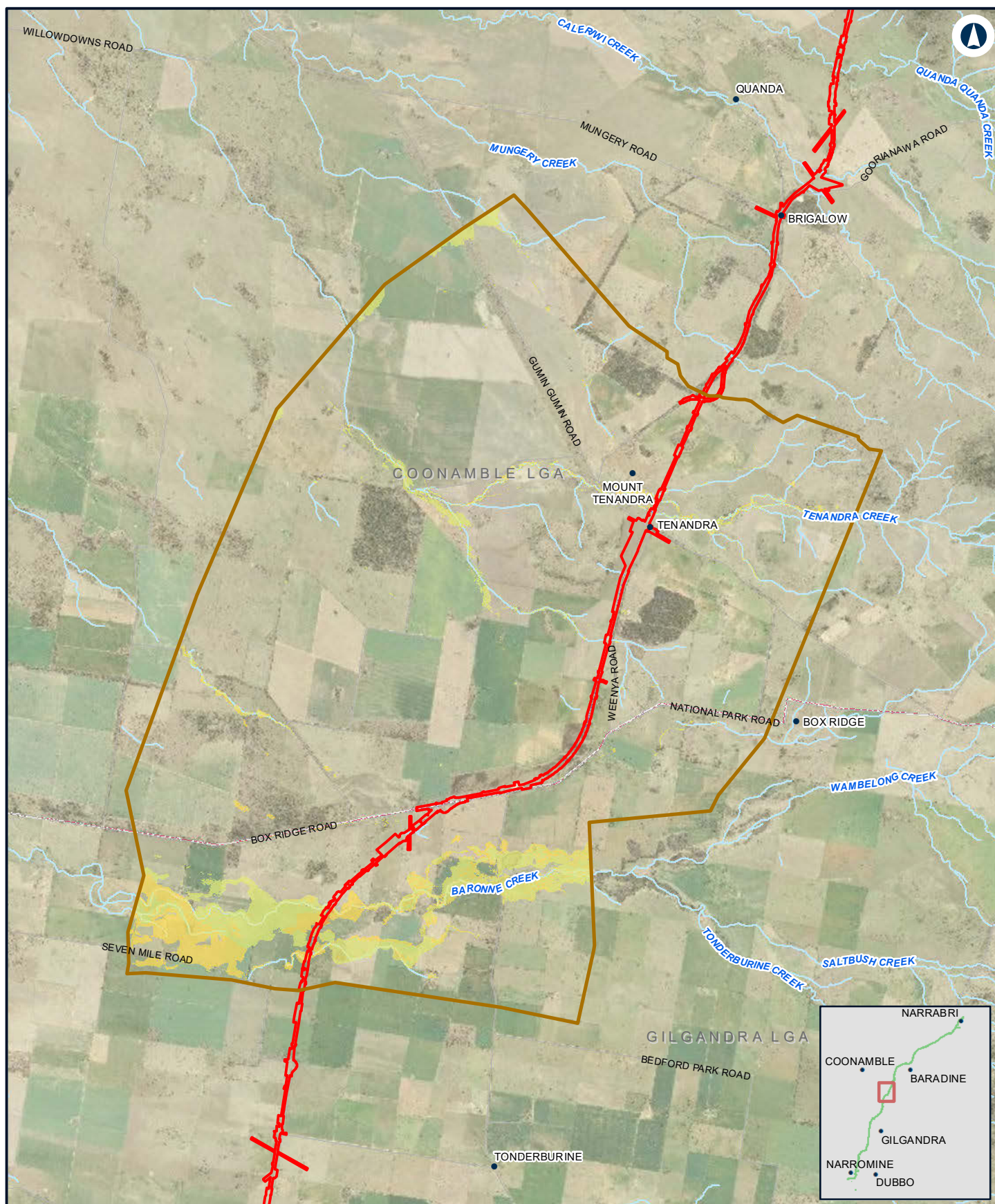
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N9

Appendix G - Figure 3.2f

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

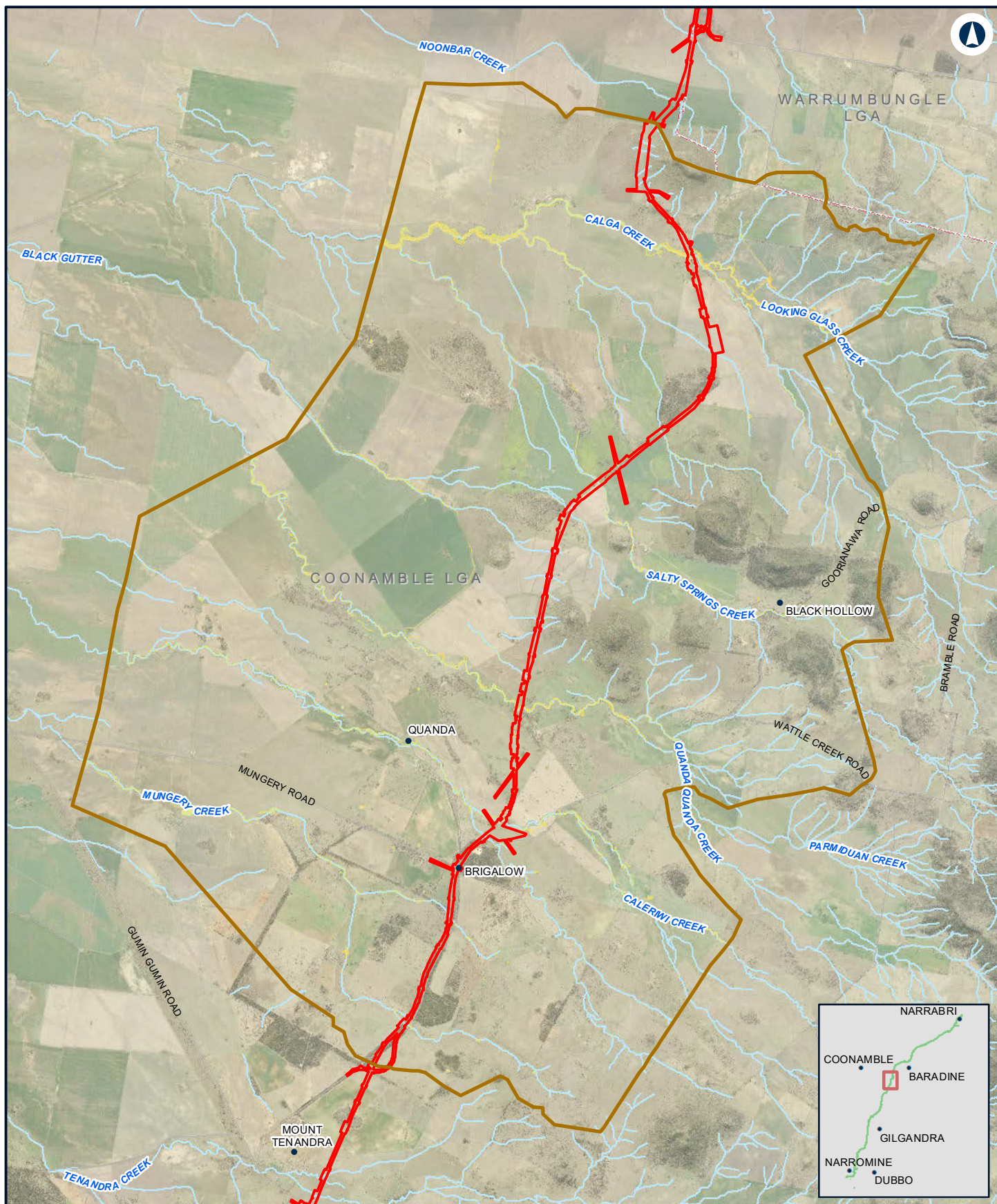
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N8

Appendix G - Figure 3.2g

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

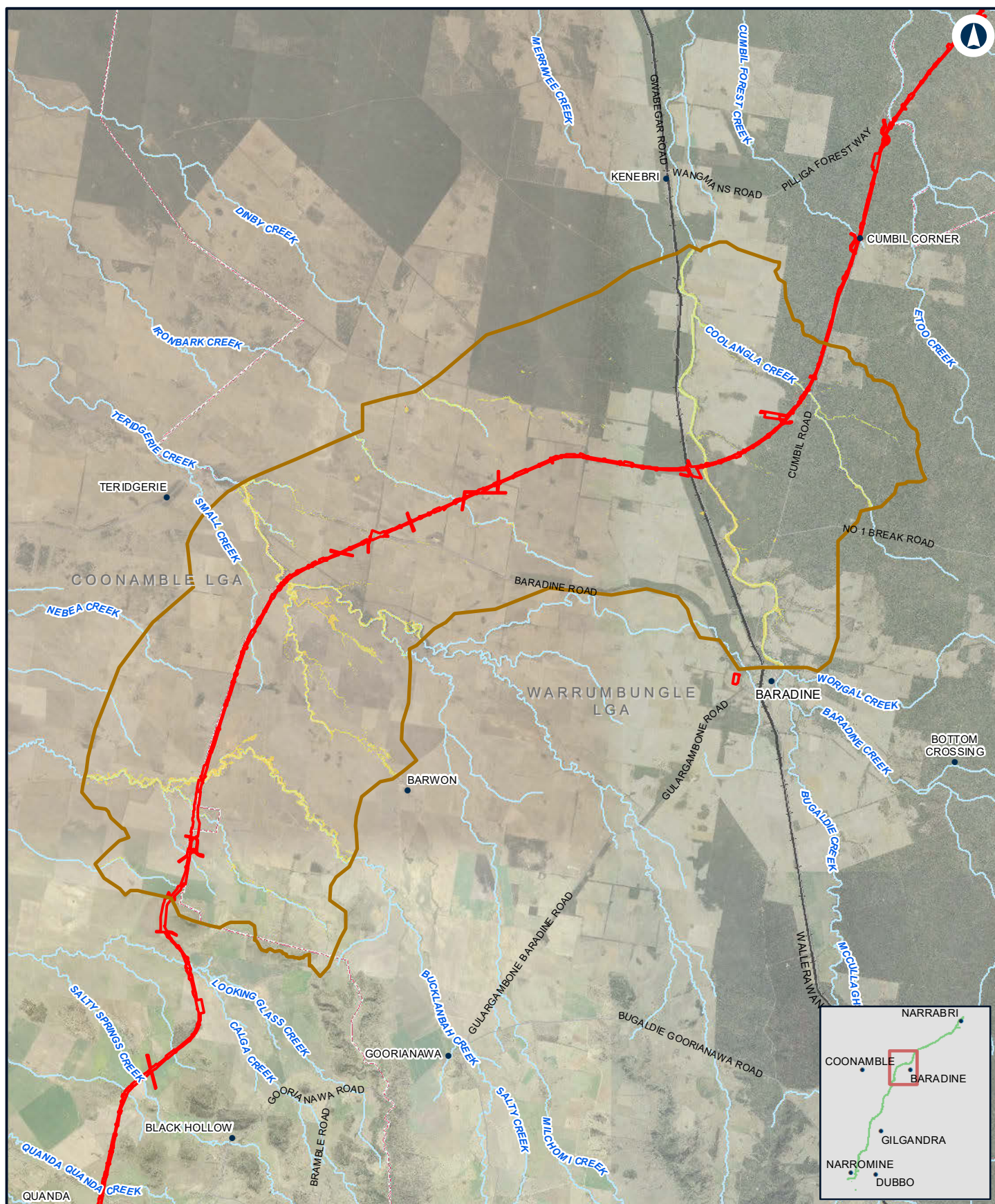
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N7

Appendix G - Figure 3.2h

0 2.5 5
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: 10/01/2022
Author: JacobsGHD

Page: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

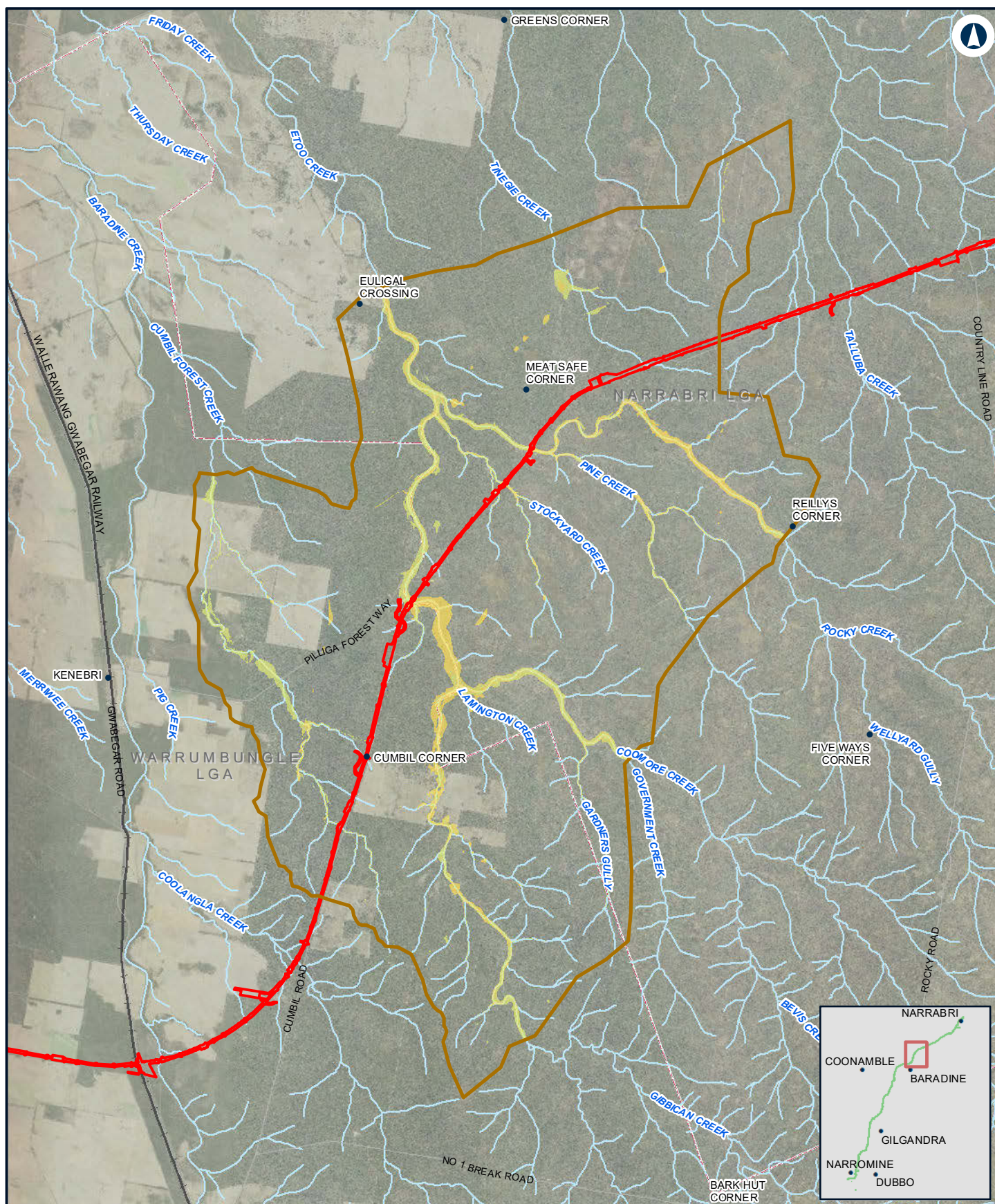
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N6

Appendix G - Figure 3.2i

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

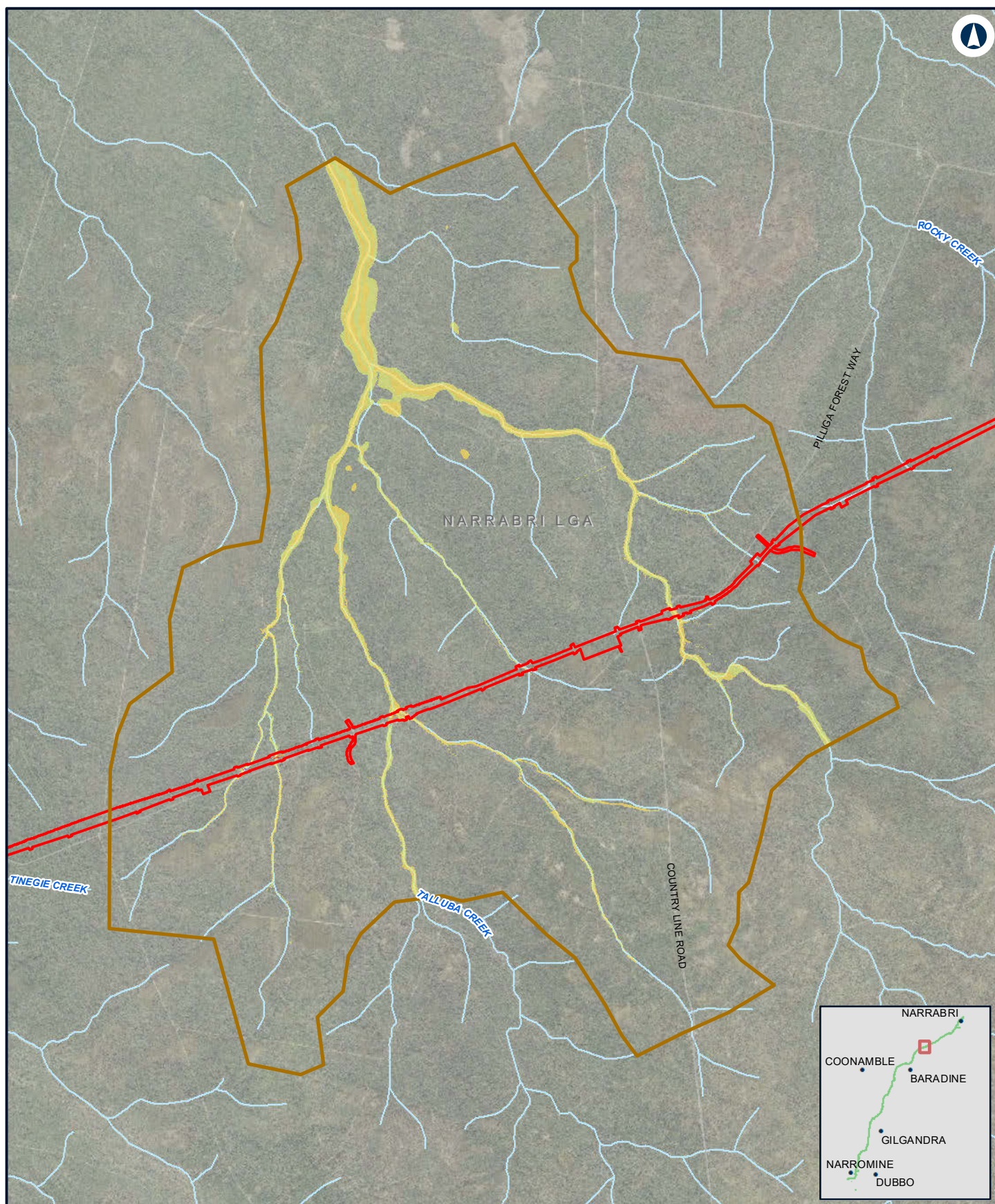
3 hr - 6 hr increase

6 hr - 12 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N5

Appendix G - Figure 3.2j

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

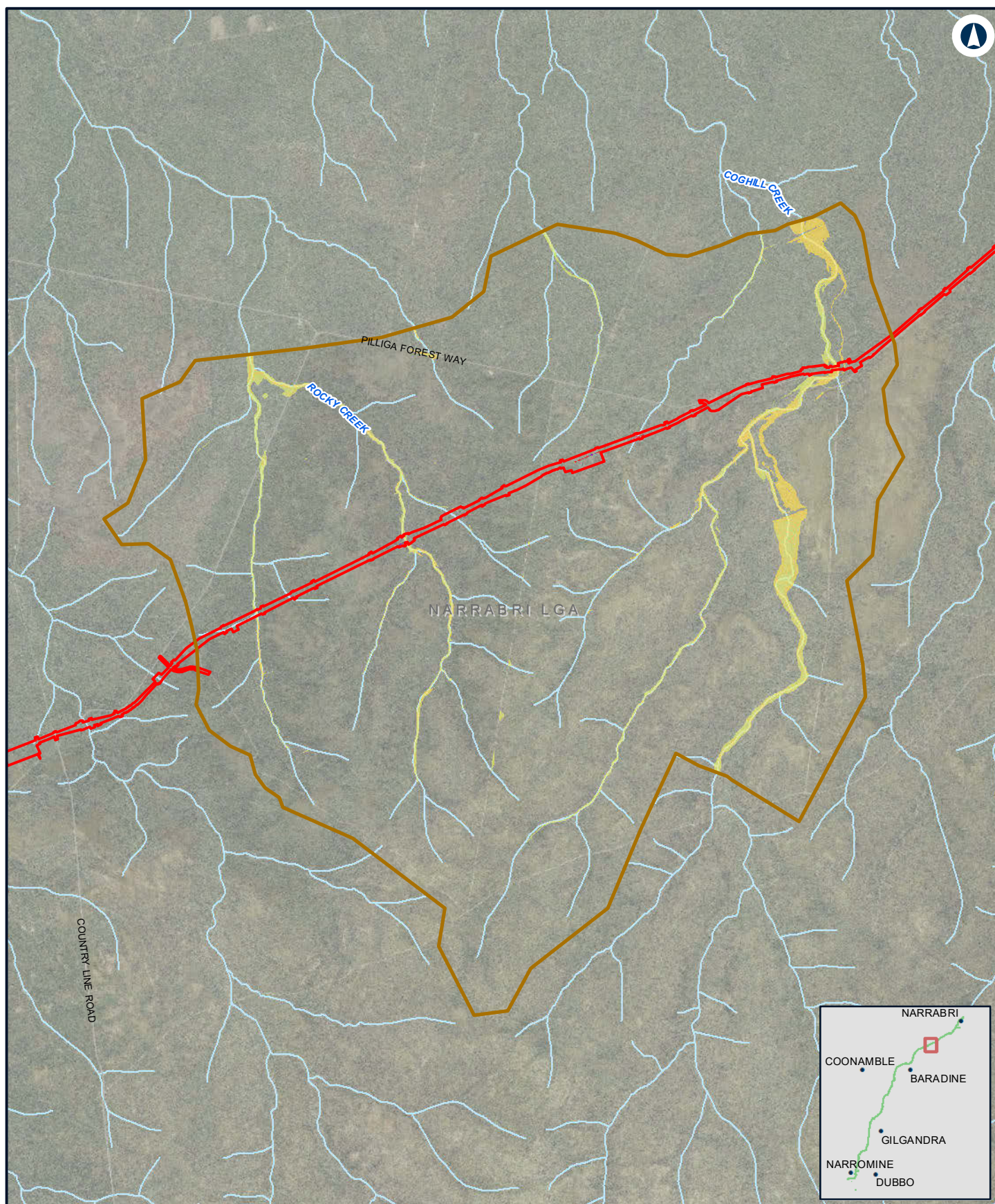
 6 hr - 12 hr increase

 12 hr - 24 hr increase

 > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N4

Appendix G - Figure 3.2k

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

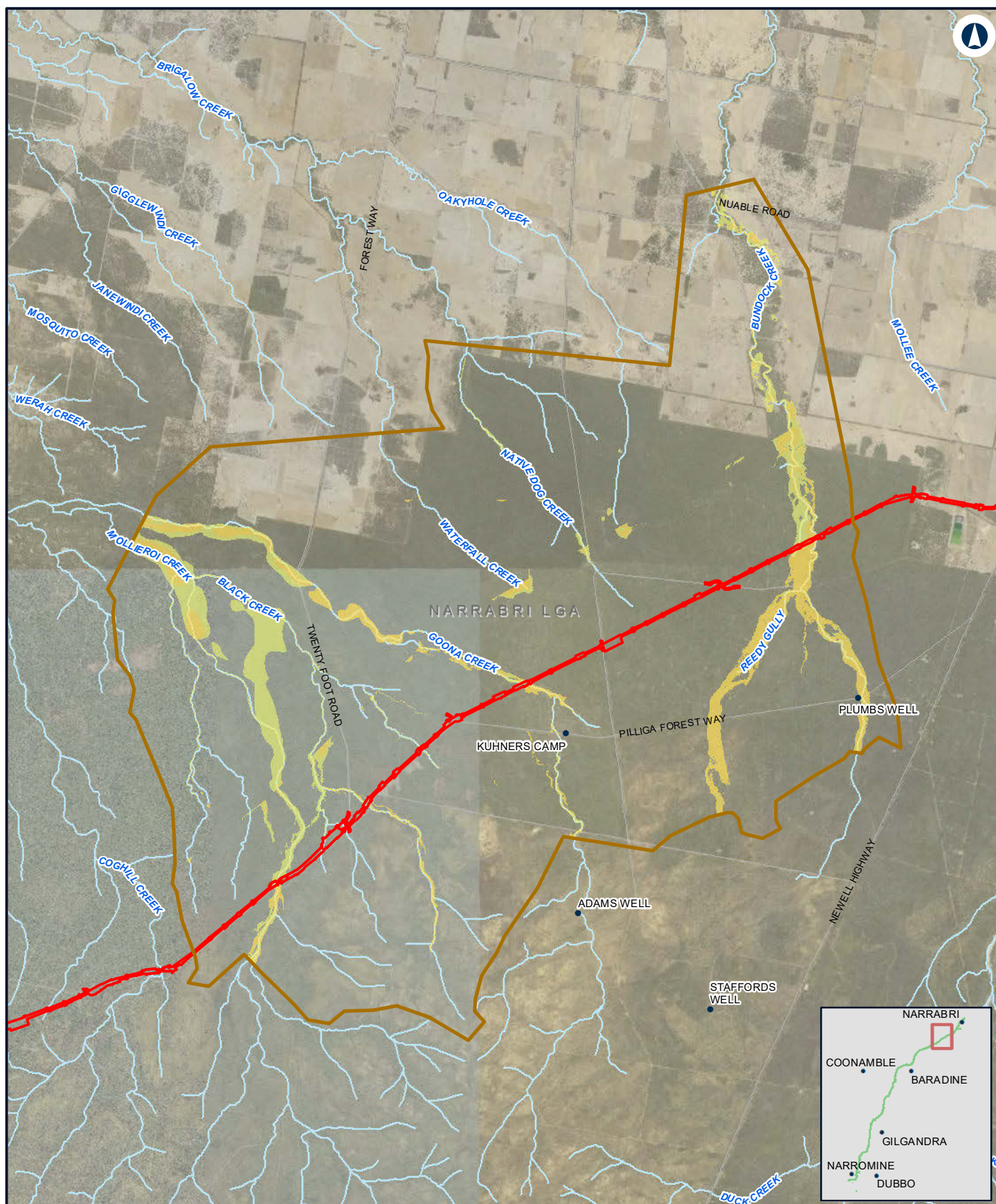
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARRABRI TO NARRABRI

Change in duration - 5% AEP - N2N23

Appendix G - Figure 3.21

0 1.5 3
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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

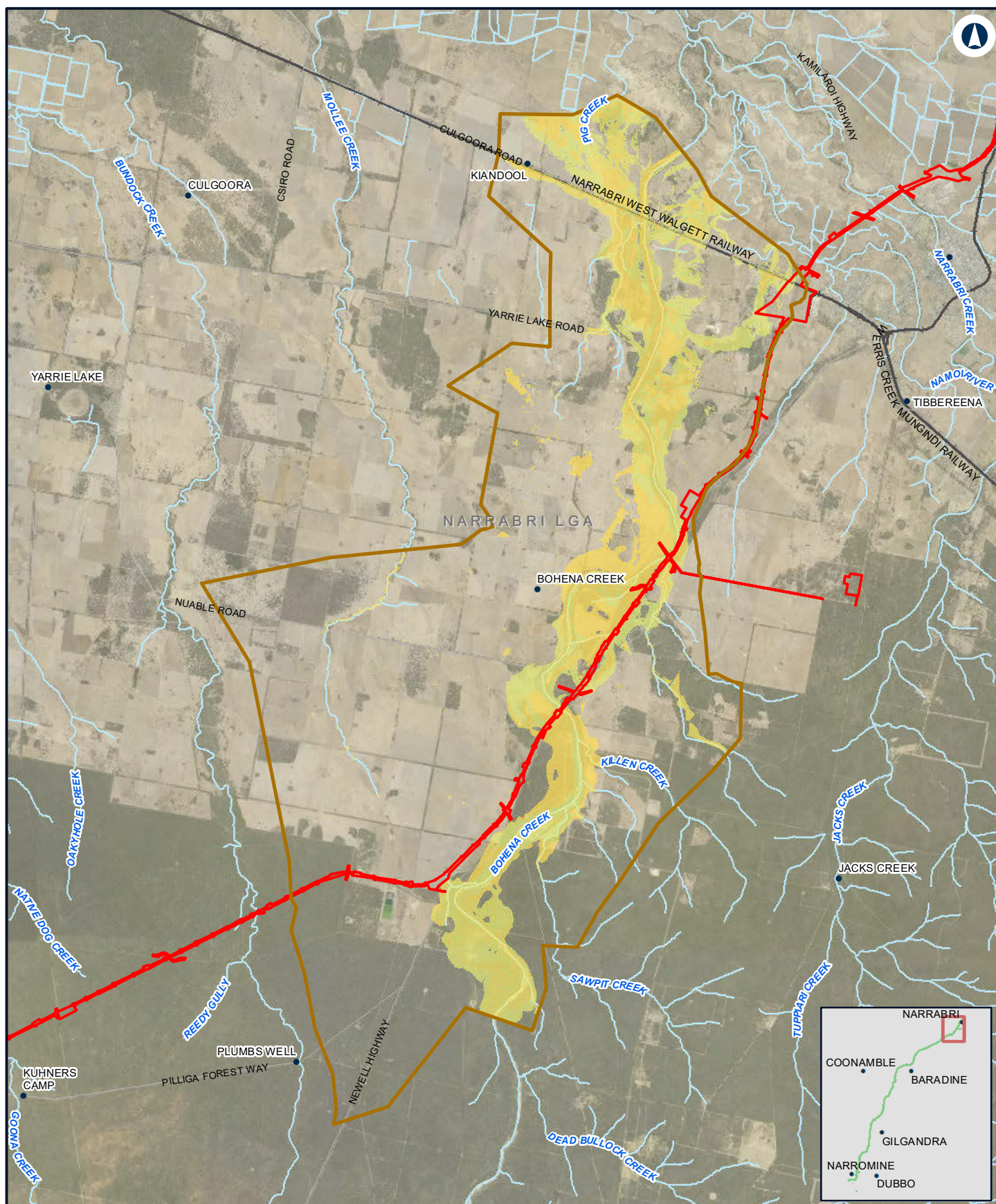
- The proposal site
- Model boundary

Duration Change

- | | |
|--|---|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - N2N1

Appendix G - Figure 3.2m

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

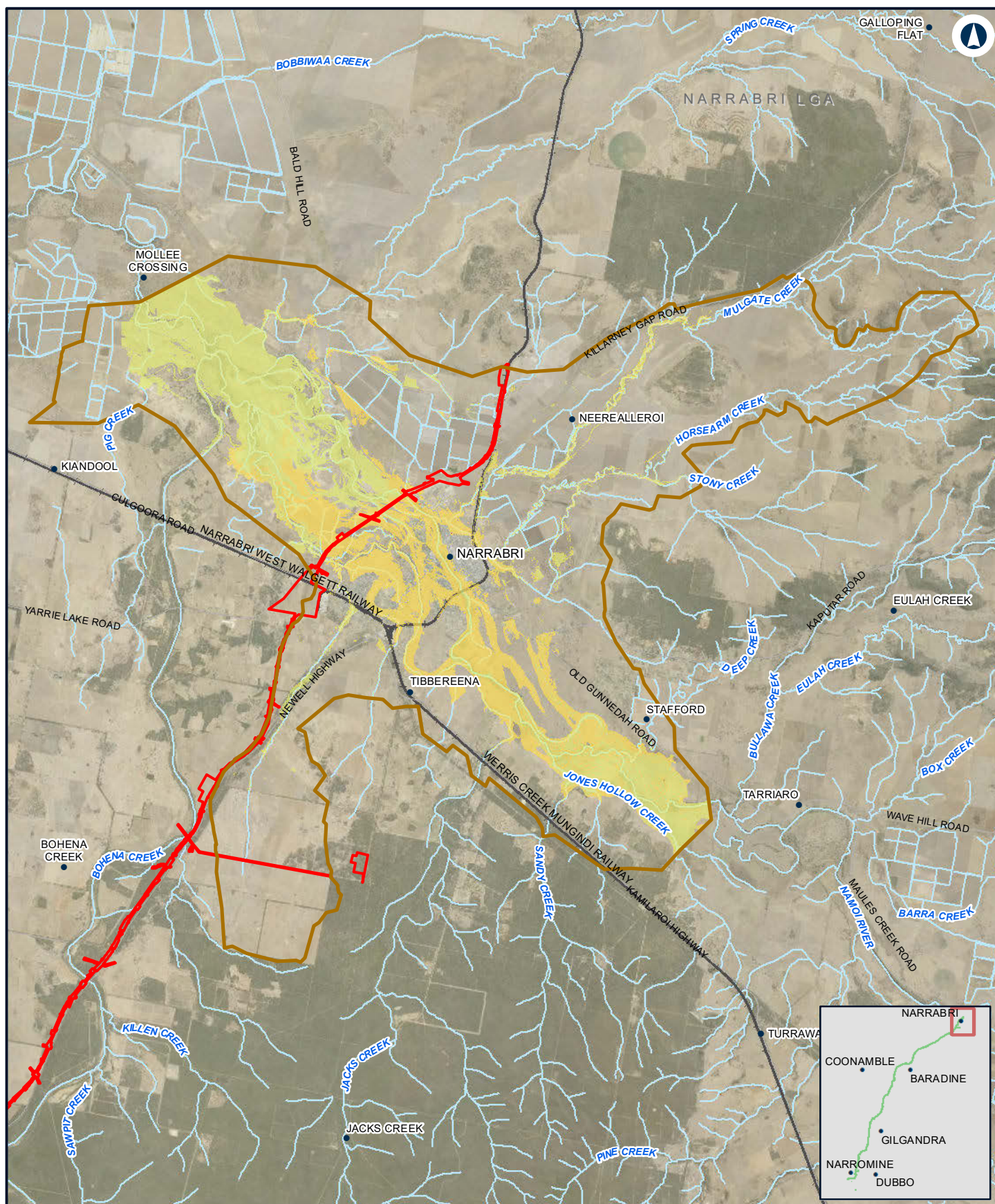
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 5% AEP - Narrabri

Appendix G - Figure 3.2n

0 2 4 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

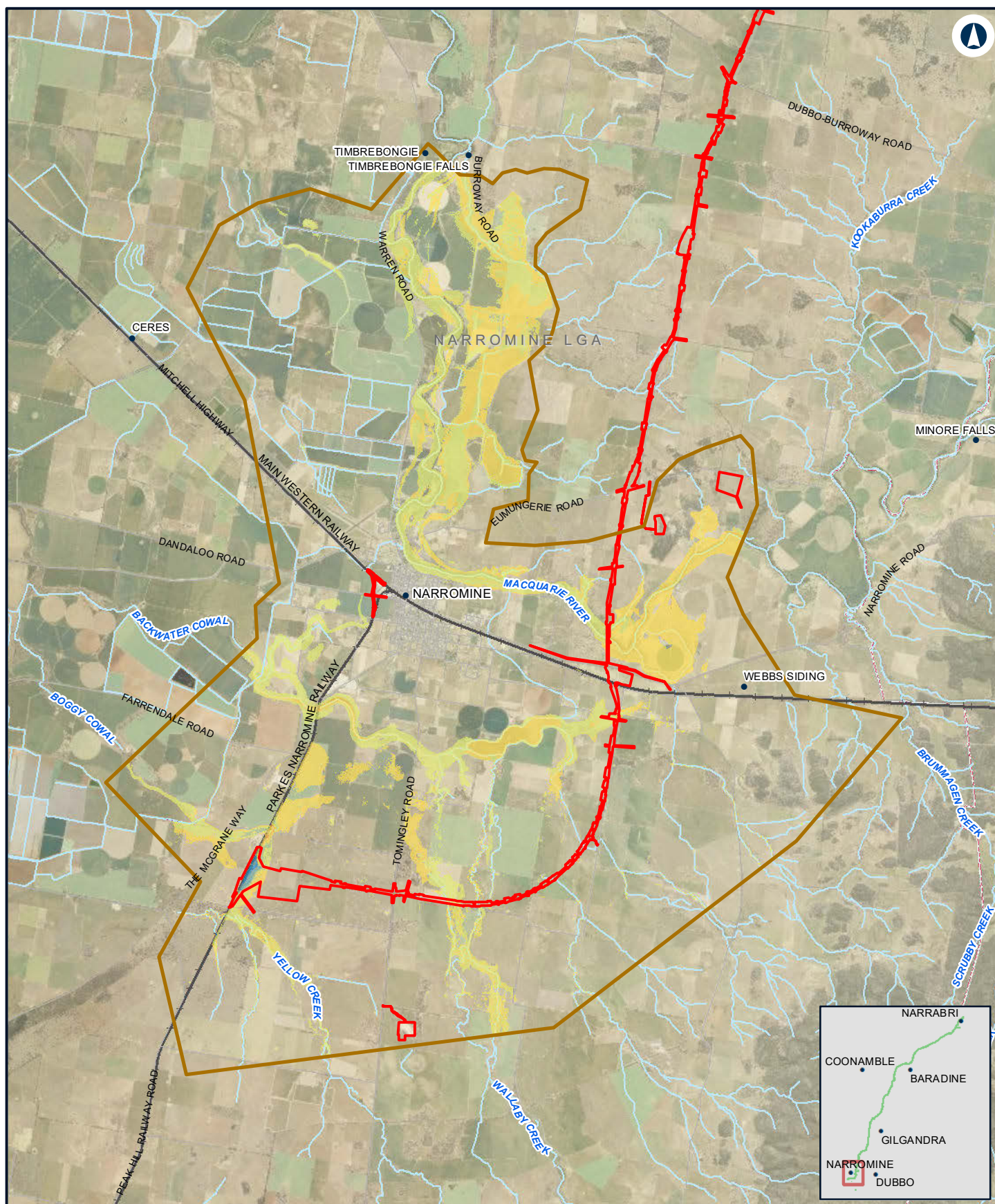
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - NFM

Appendix G - Figure 3.3a

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

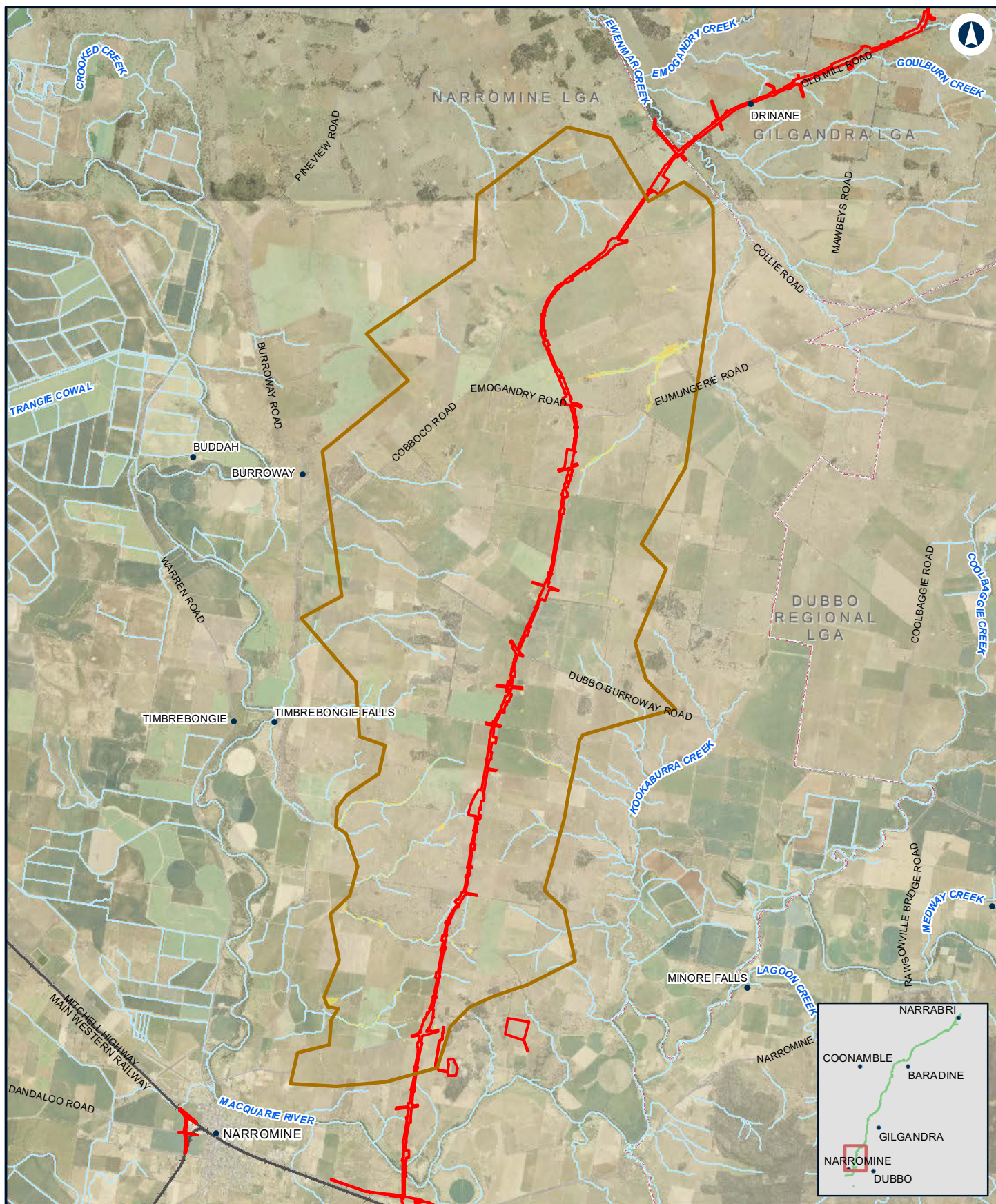
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N14

Appendix G - Figure 3.3b

0 2 4 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

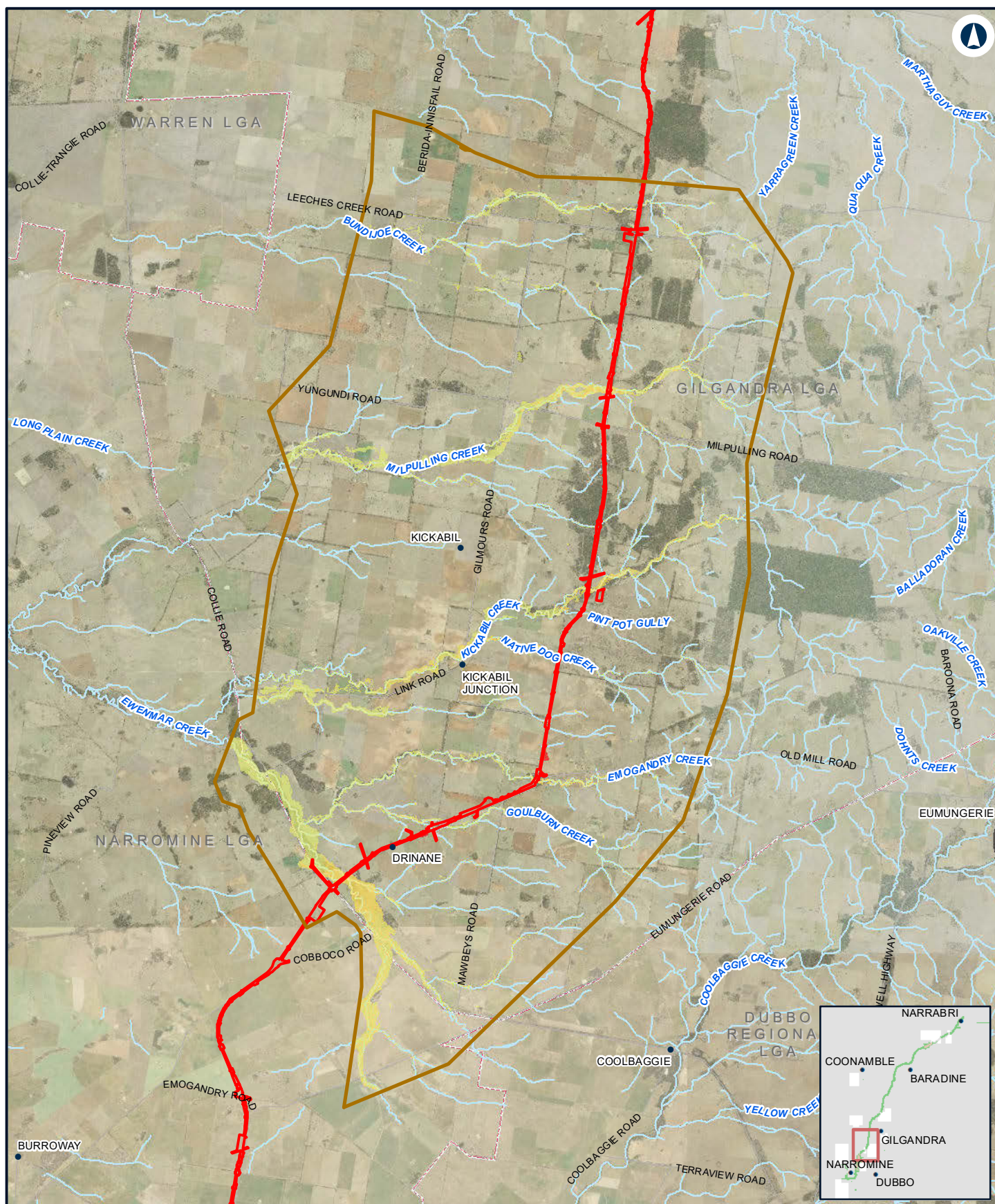
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N13

Appendix G - Figure 3.3c

0 2.5 5 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

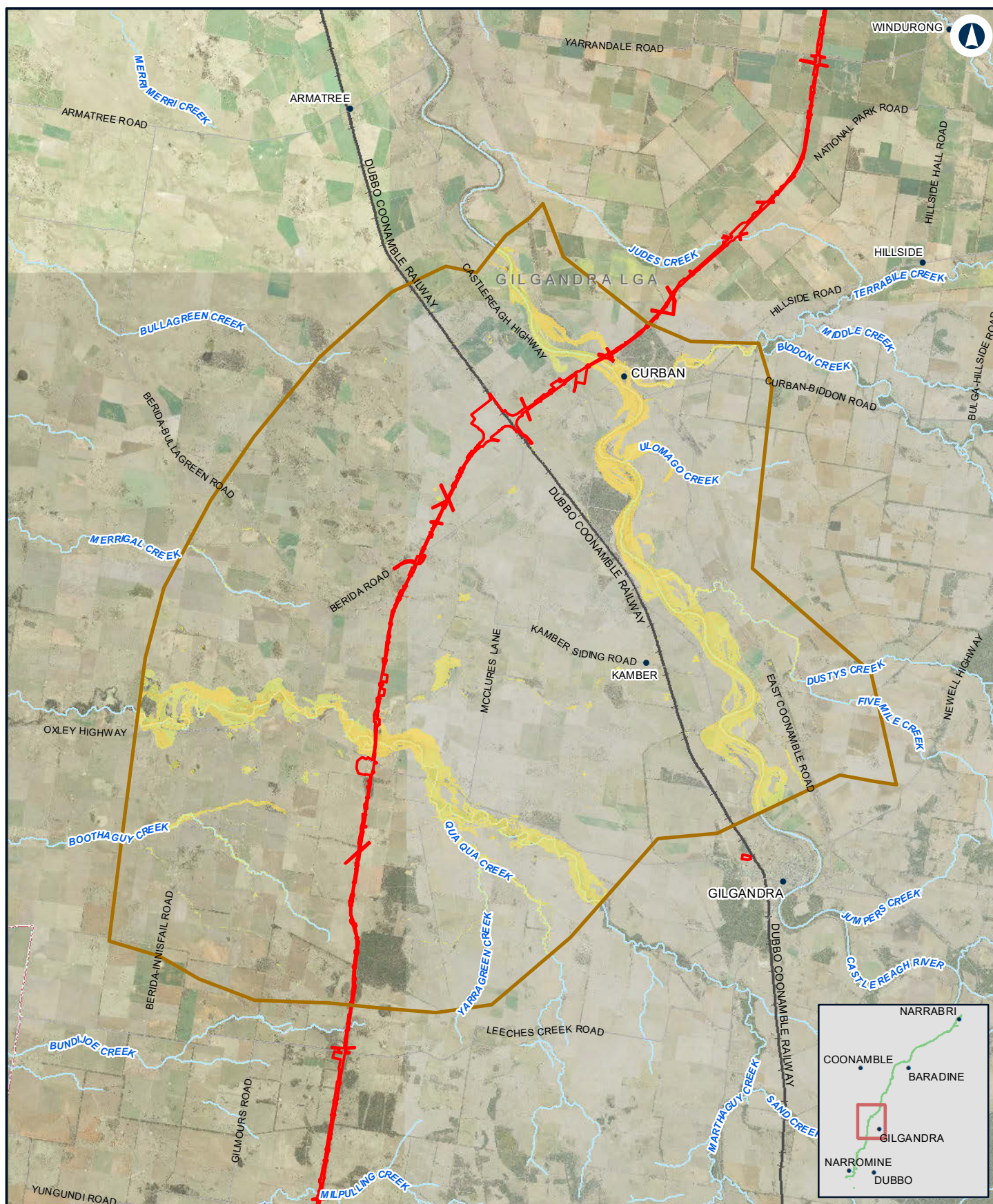
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N11N12

Appendix G - Figure 3.3d

0 2.5 5
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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

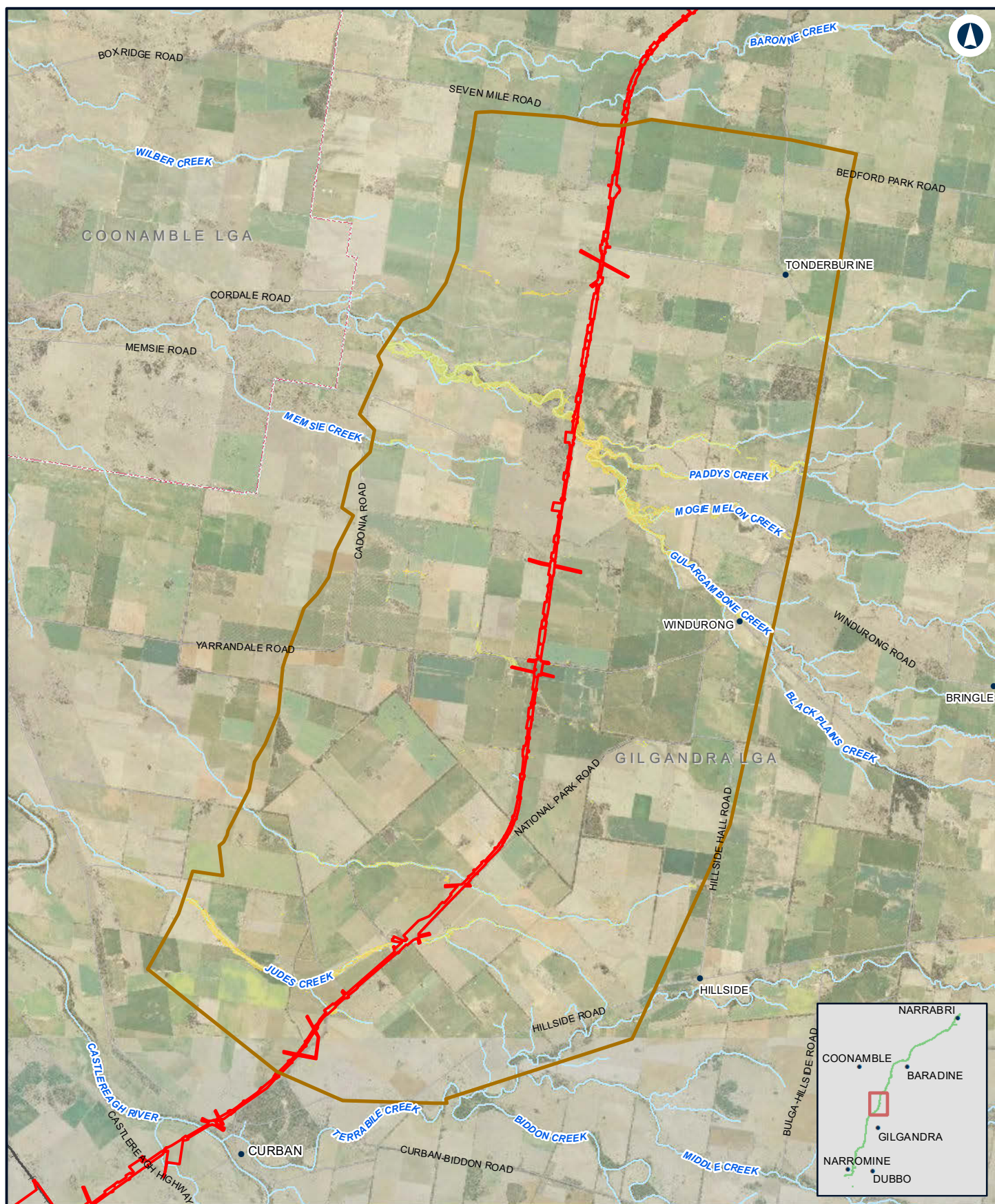
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N10

Appendix G - Figure 3.3e

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

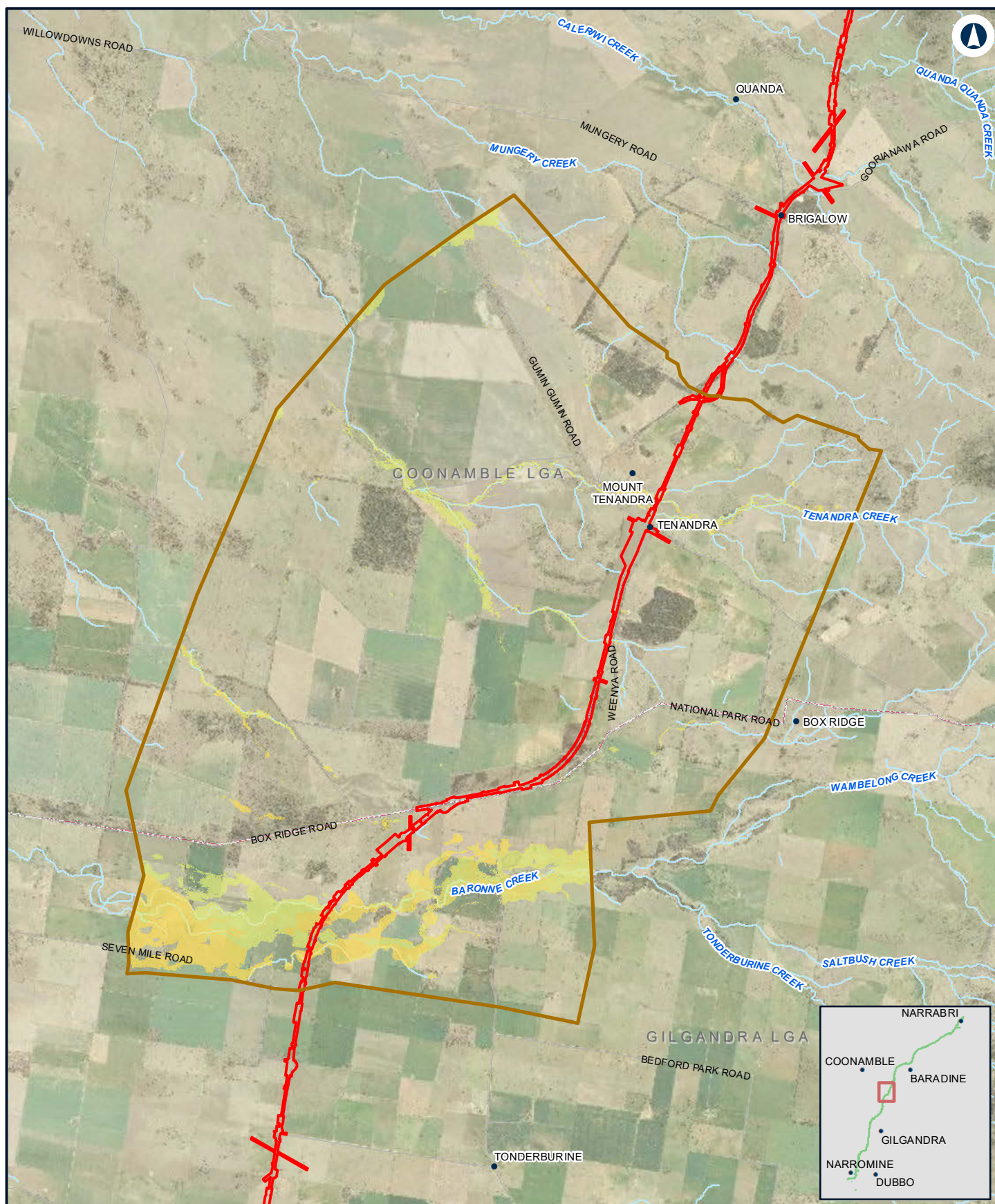
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N9

Appendix G - Figure 3.3f

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

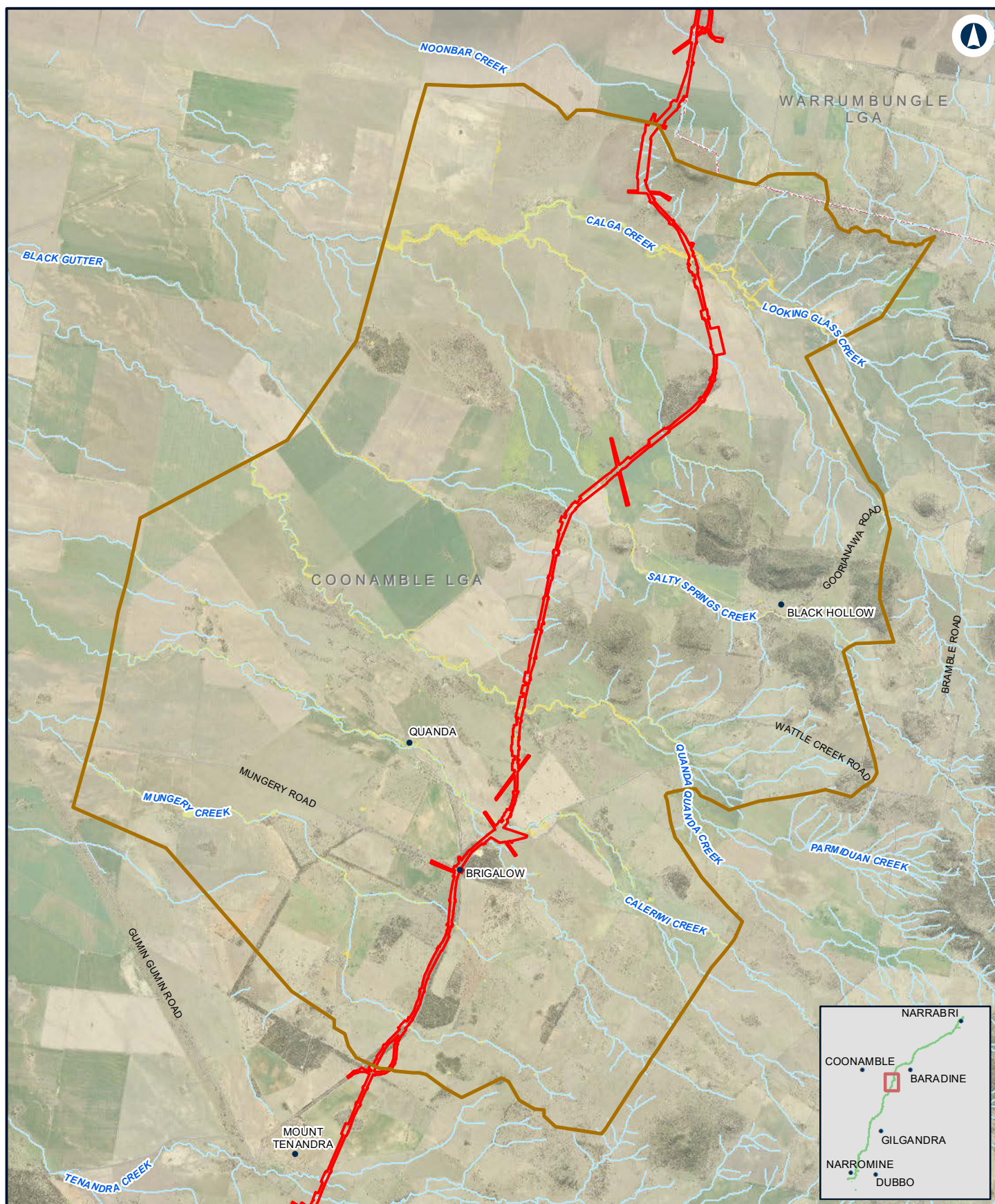
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N8

Appendix G - Figure 3.3g

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

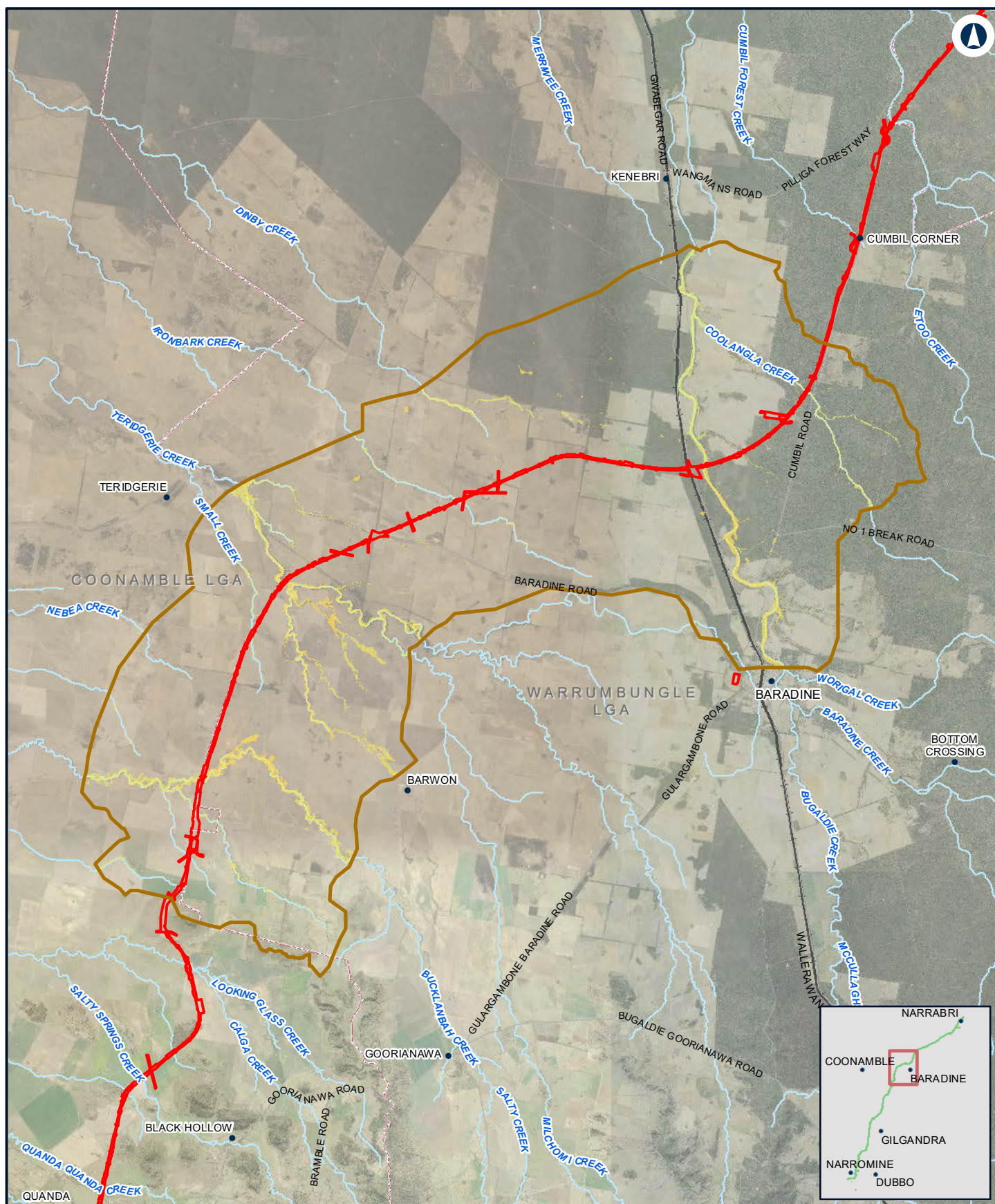
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



0 2.5 5
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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

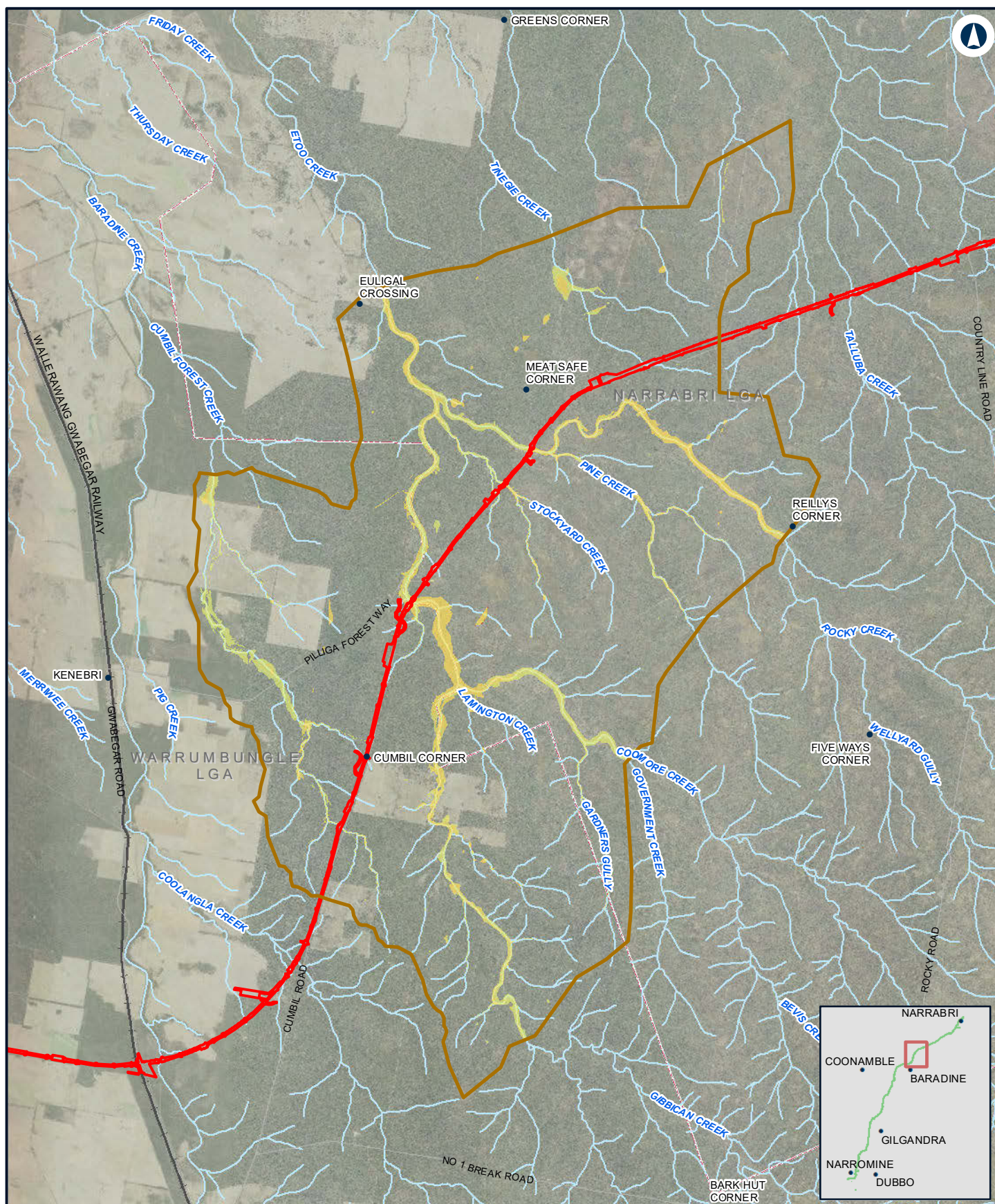
- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N6

Appendix G - Figure 3.3i

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

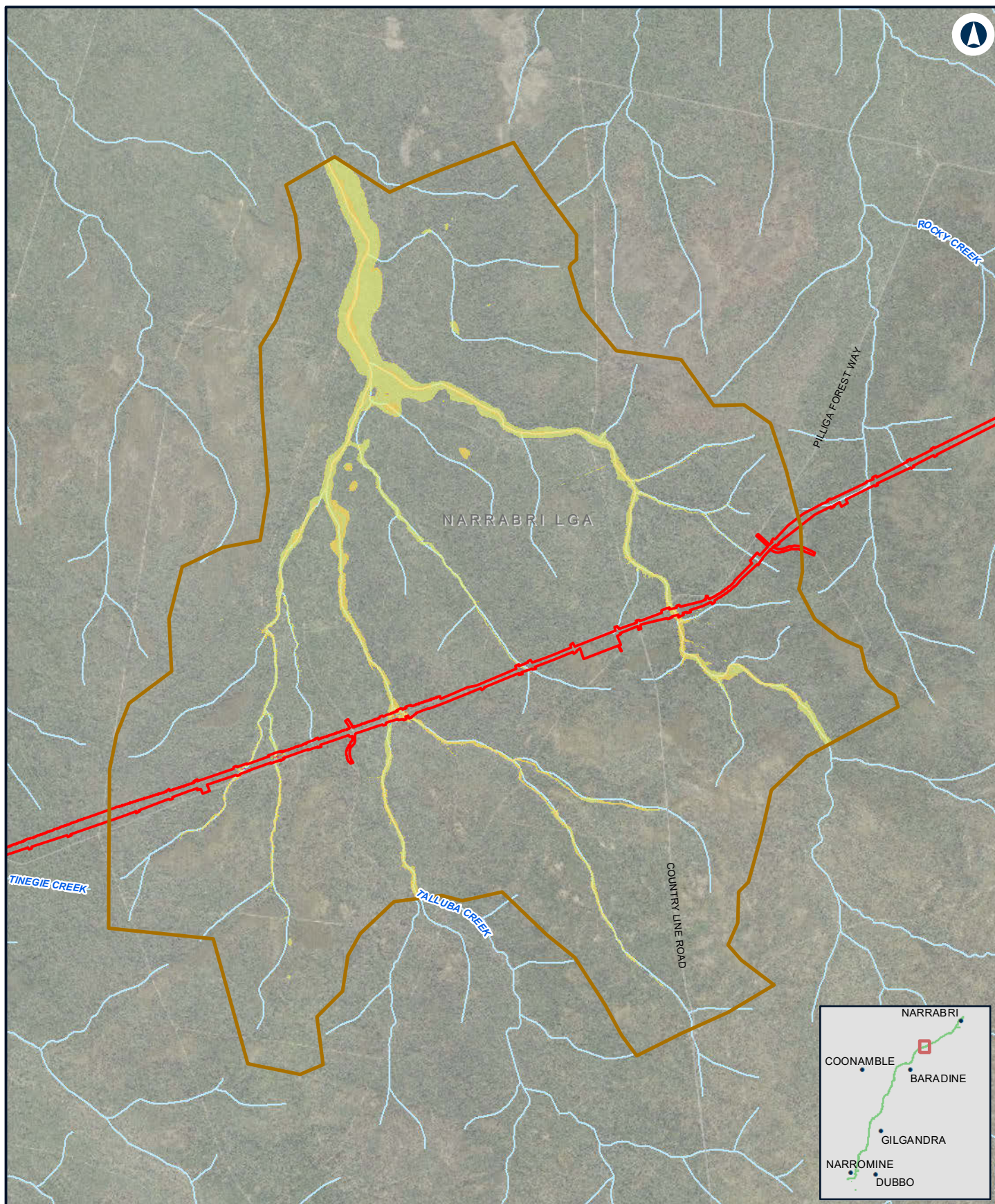
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |
| 0 hr - 3 hr decrease | 0 hr - 3 hr increase |
| | 3 hr - 6 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N5

Appendix G - Figure 3.3j

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

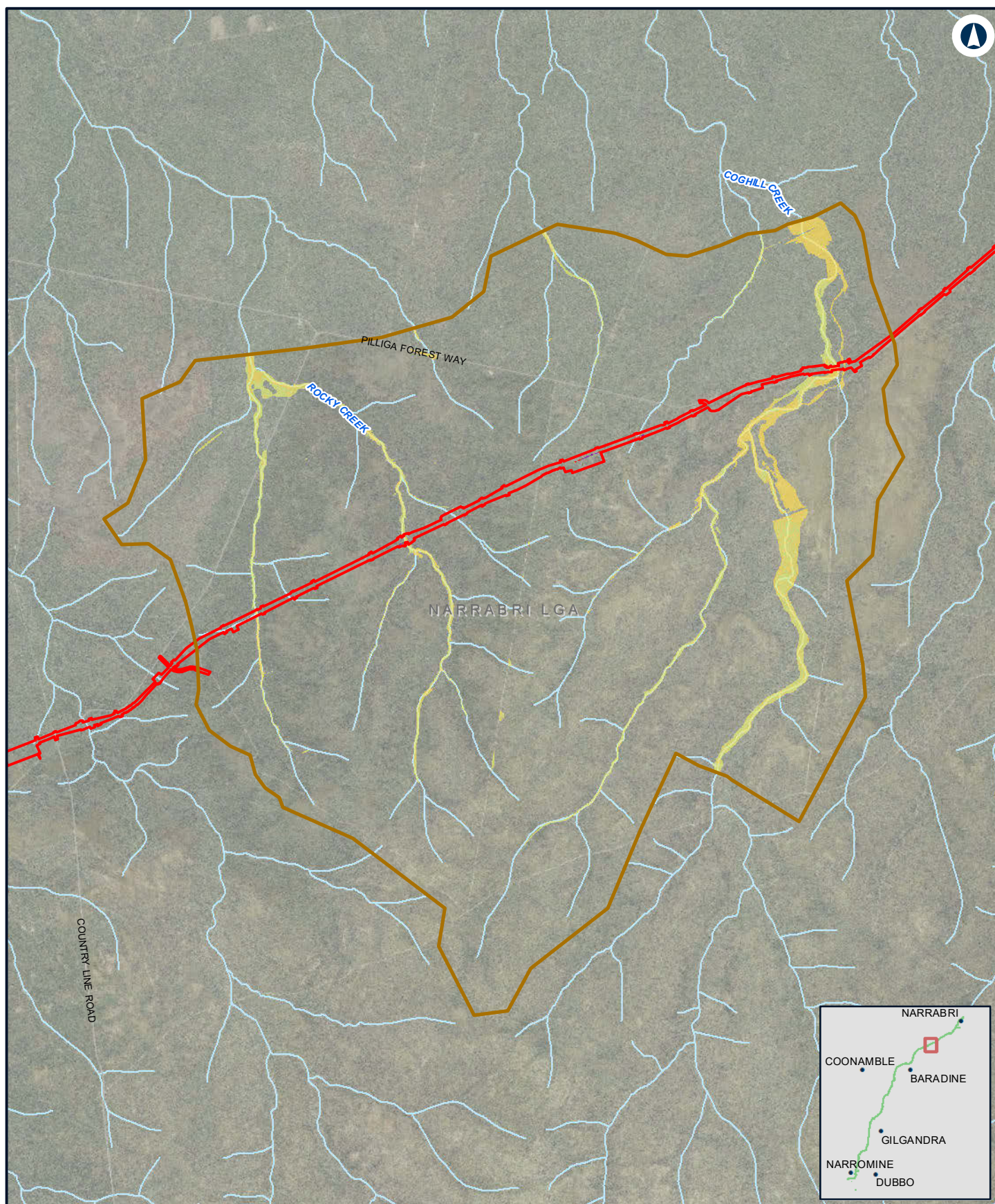
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N4

Appendix G - Figure 3.3k

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

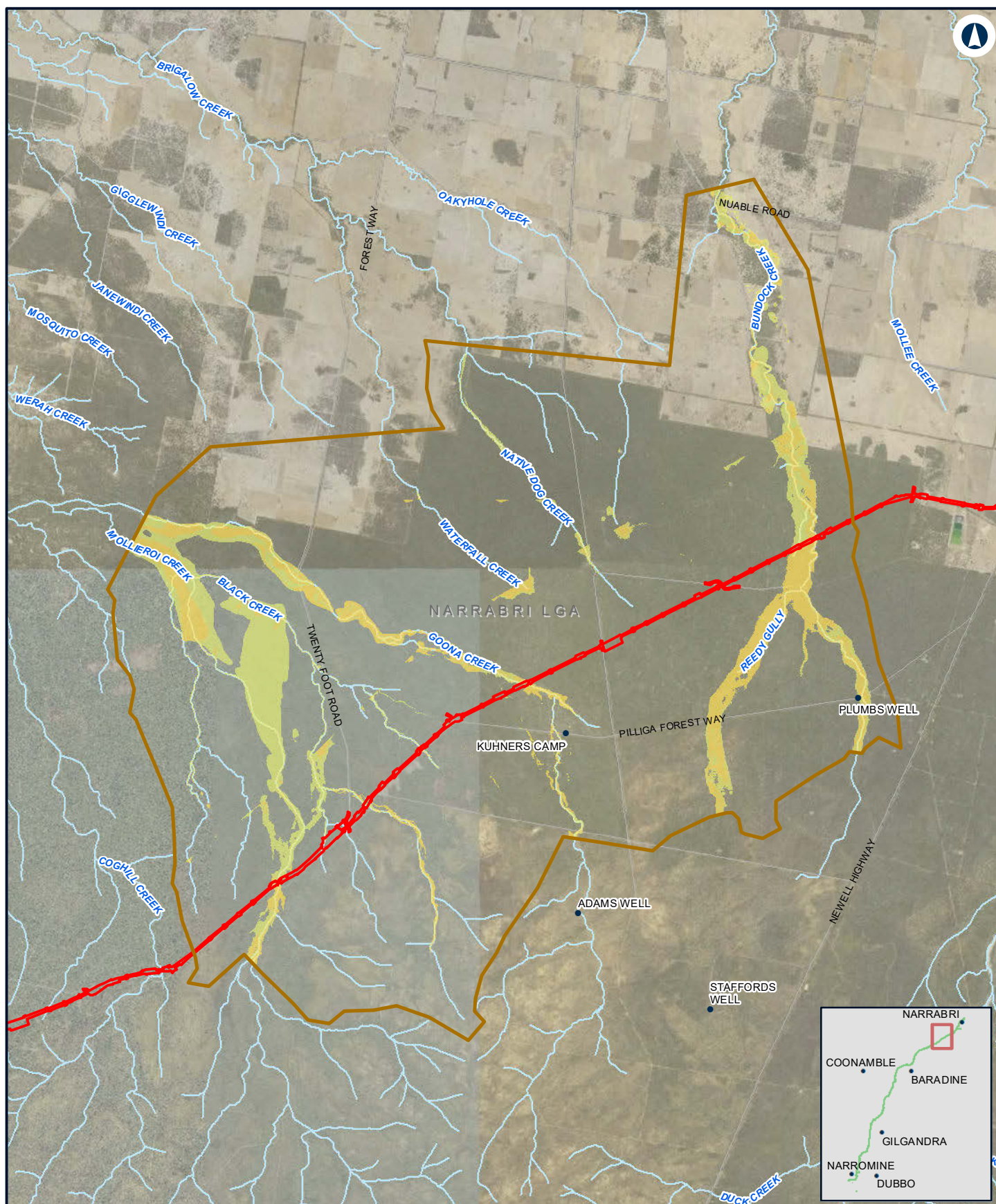
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

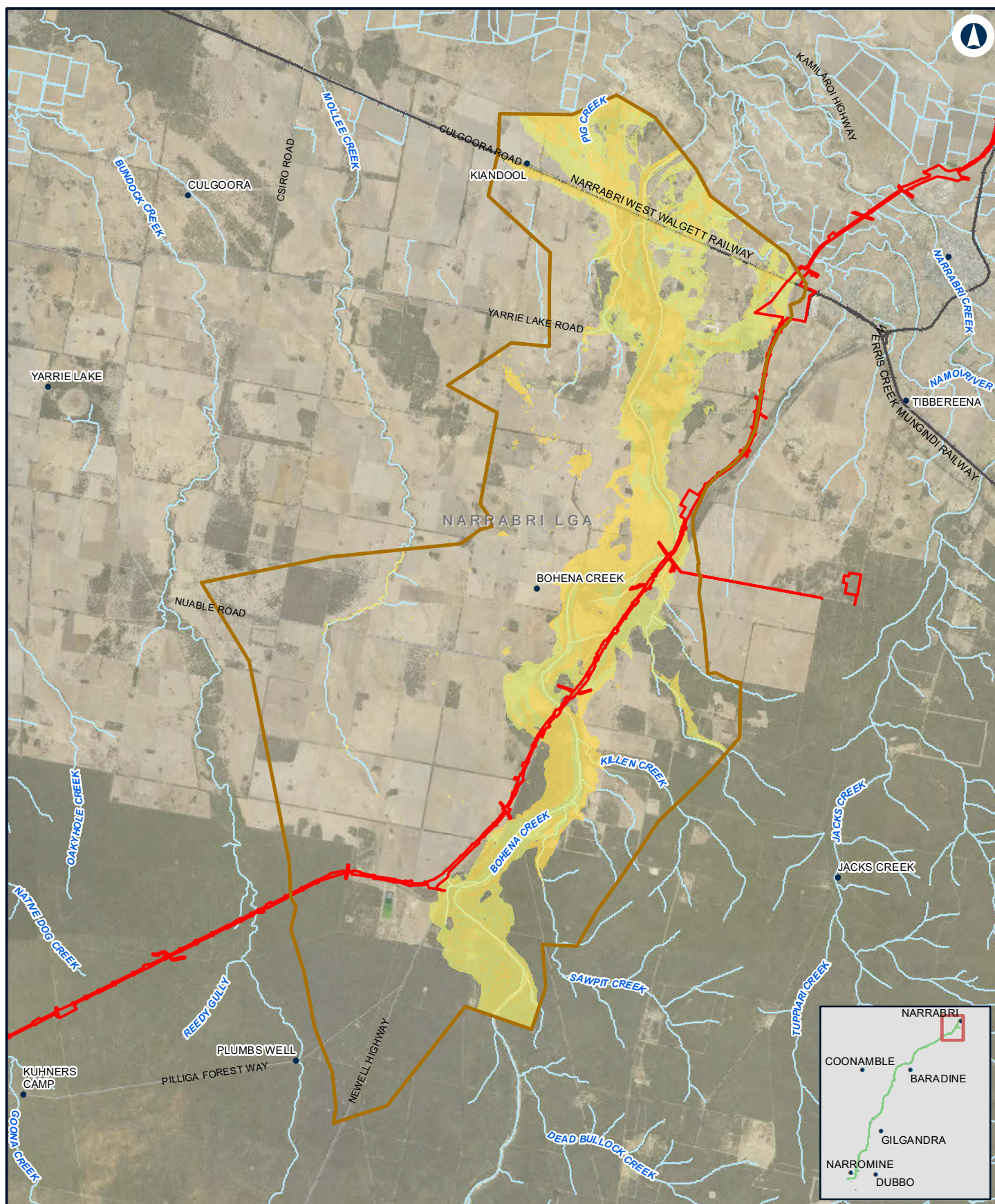
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 2% AEP - N2N1

Appendix G - Figure 3.3m

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

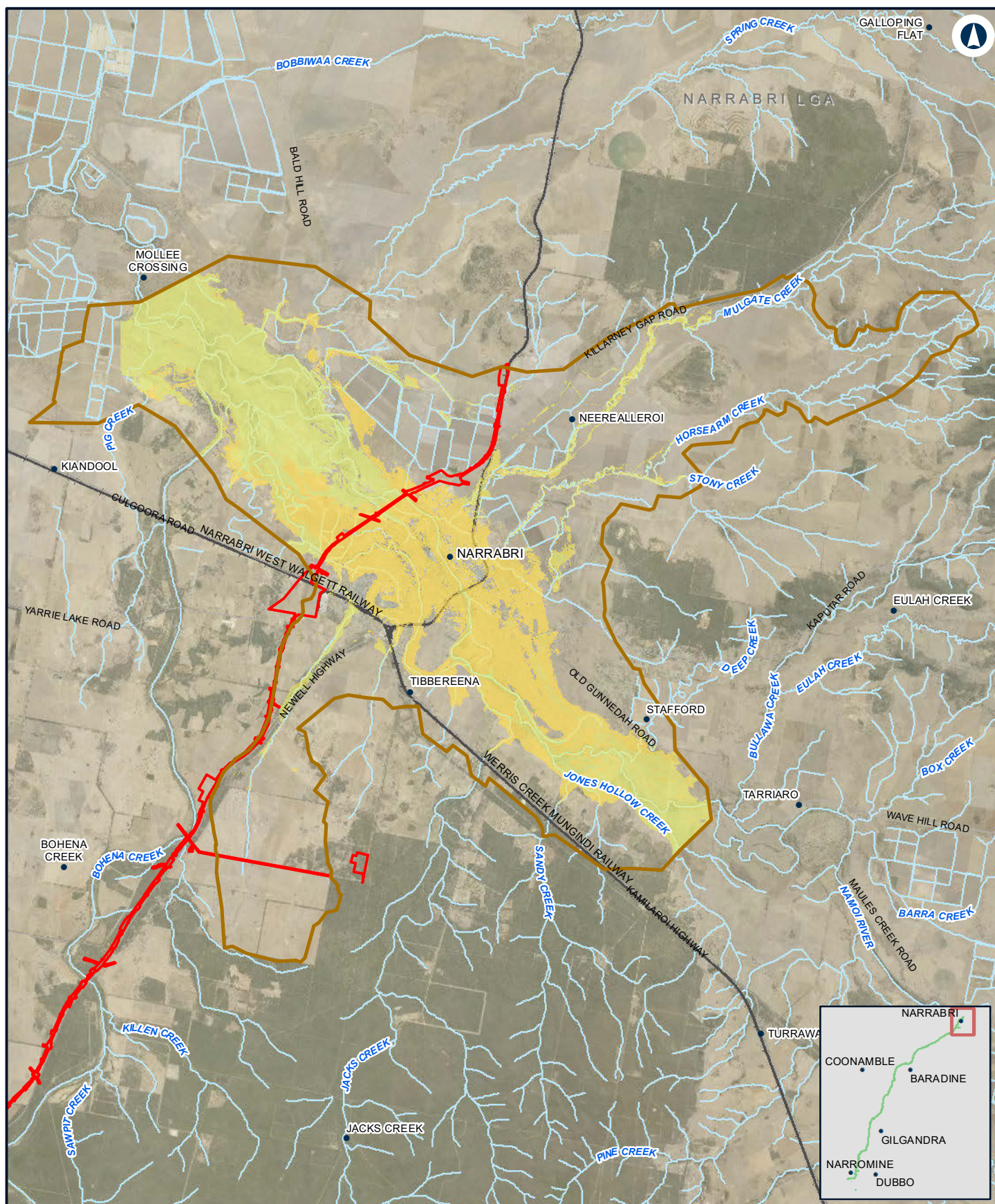
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



Narromine to Narrabri

Change in duration - 2% AEP - Narrabri

Appendix G - Figure 3.3n

0 2 4
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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

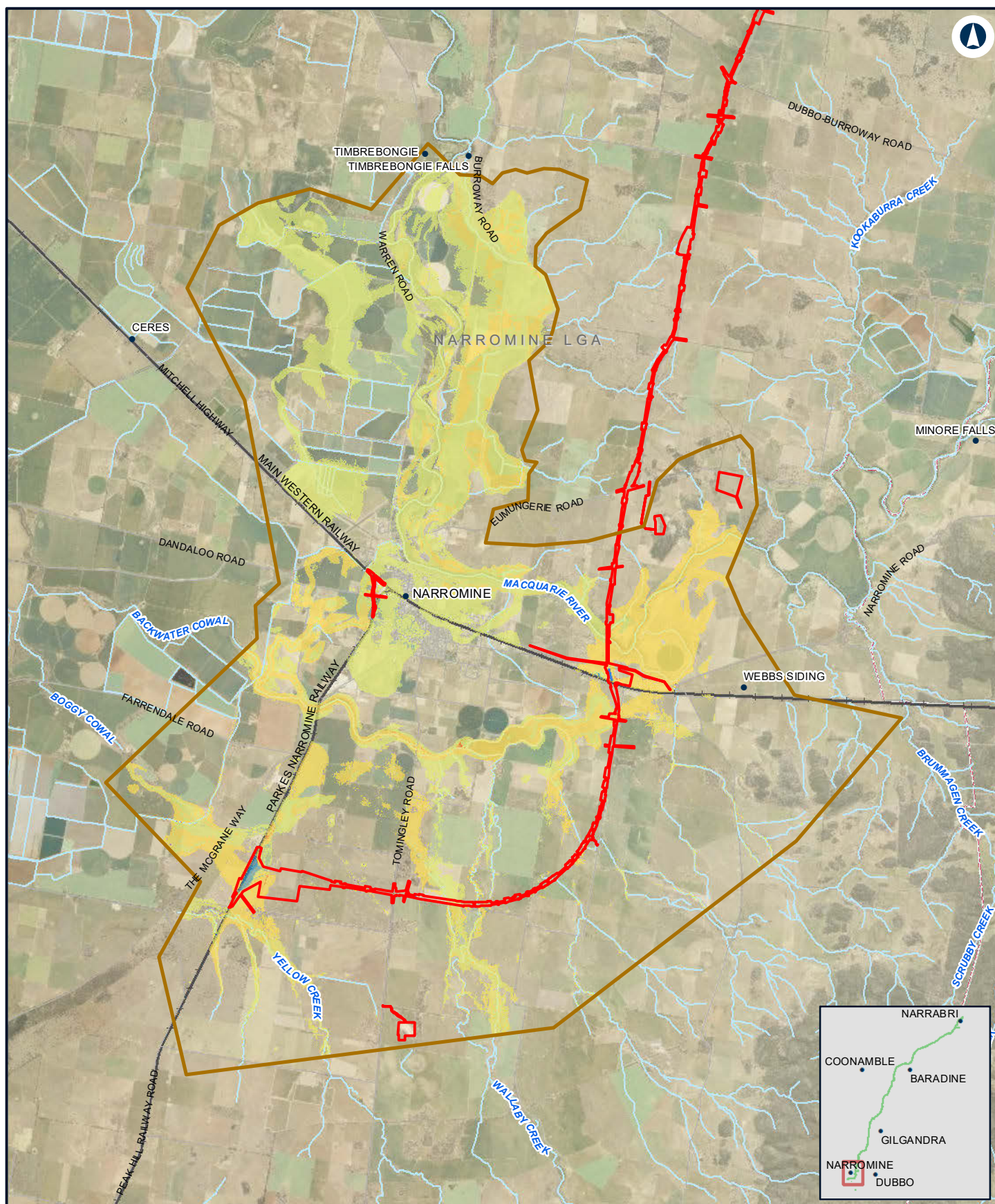
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - NFM

Appendix G - Figure 3.4a

0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

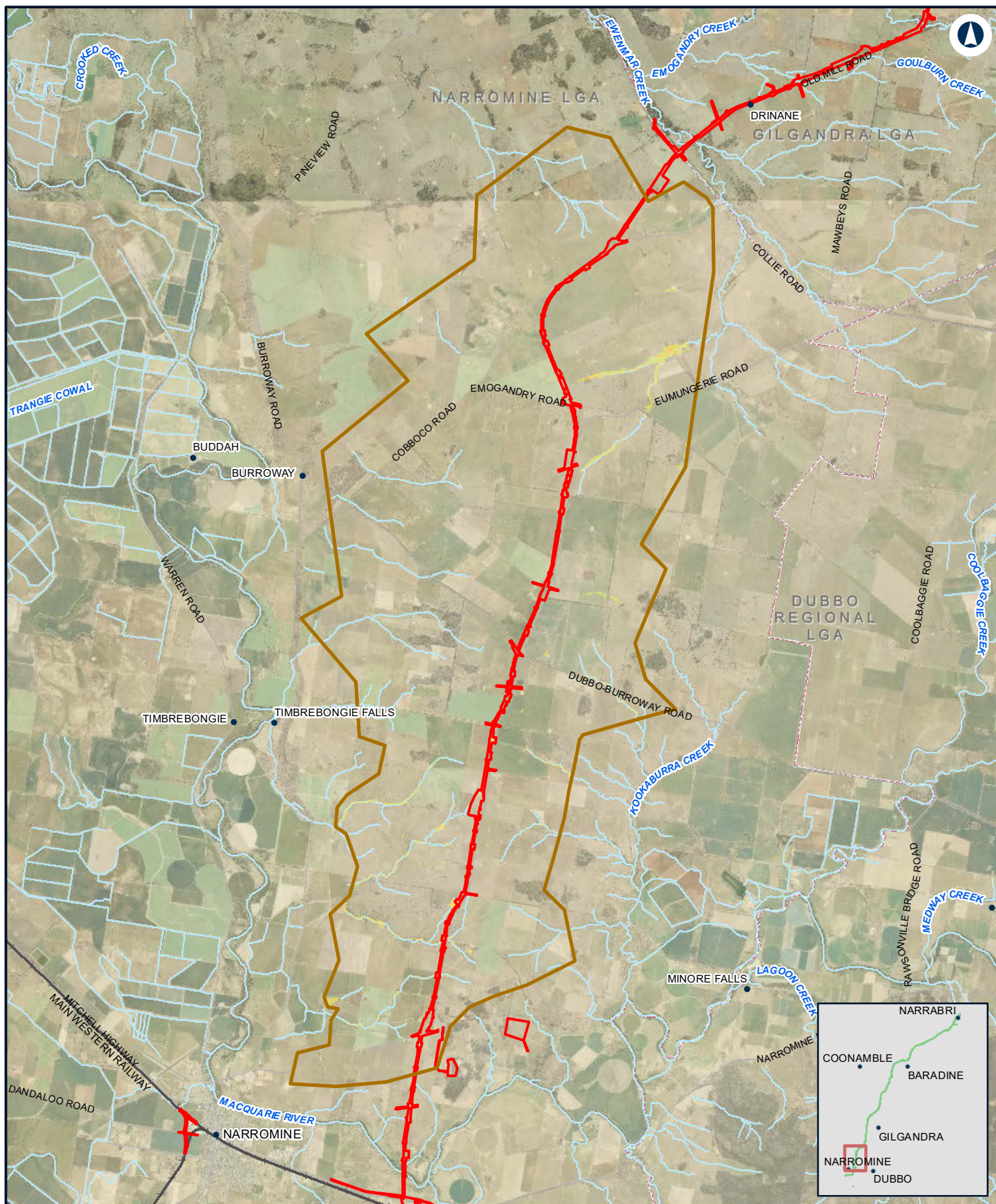
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N14

Appendix G - Figure 3.4b

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

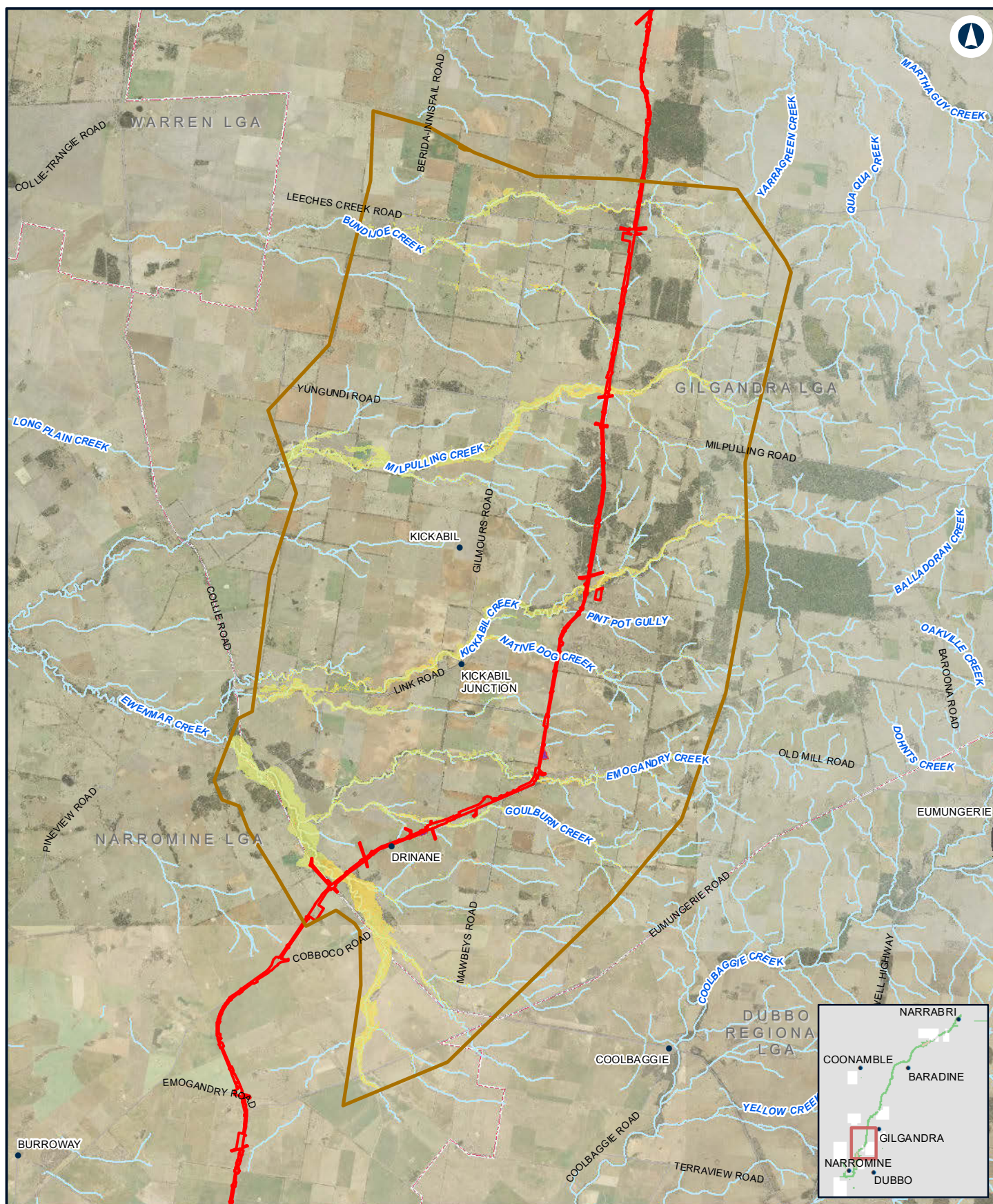
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N13

Appendix G - Figure 3.4c

0 2.5 5 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

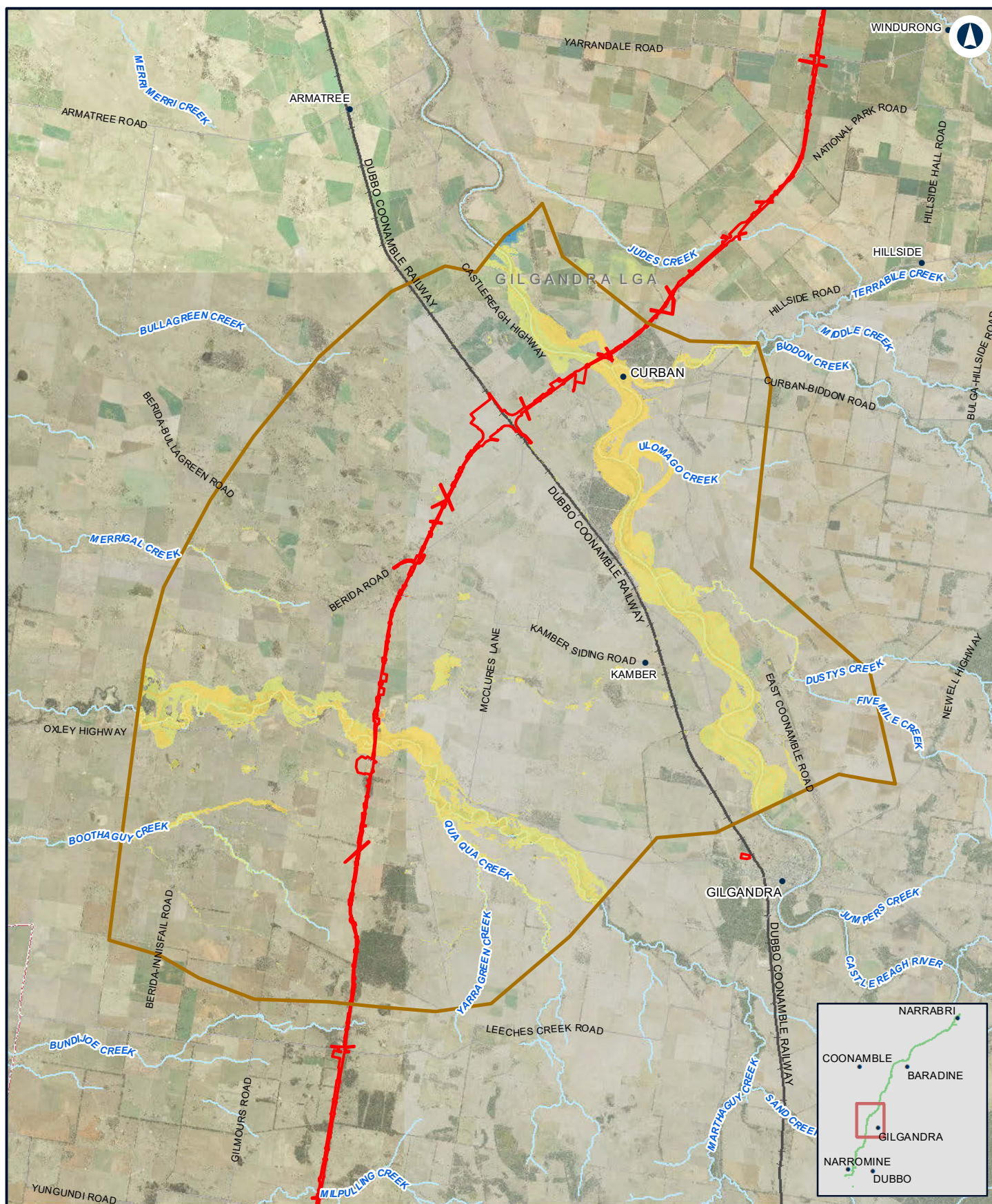
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N11N12

Appendix G - Figure 3.4d

0 2.5 5
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

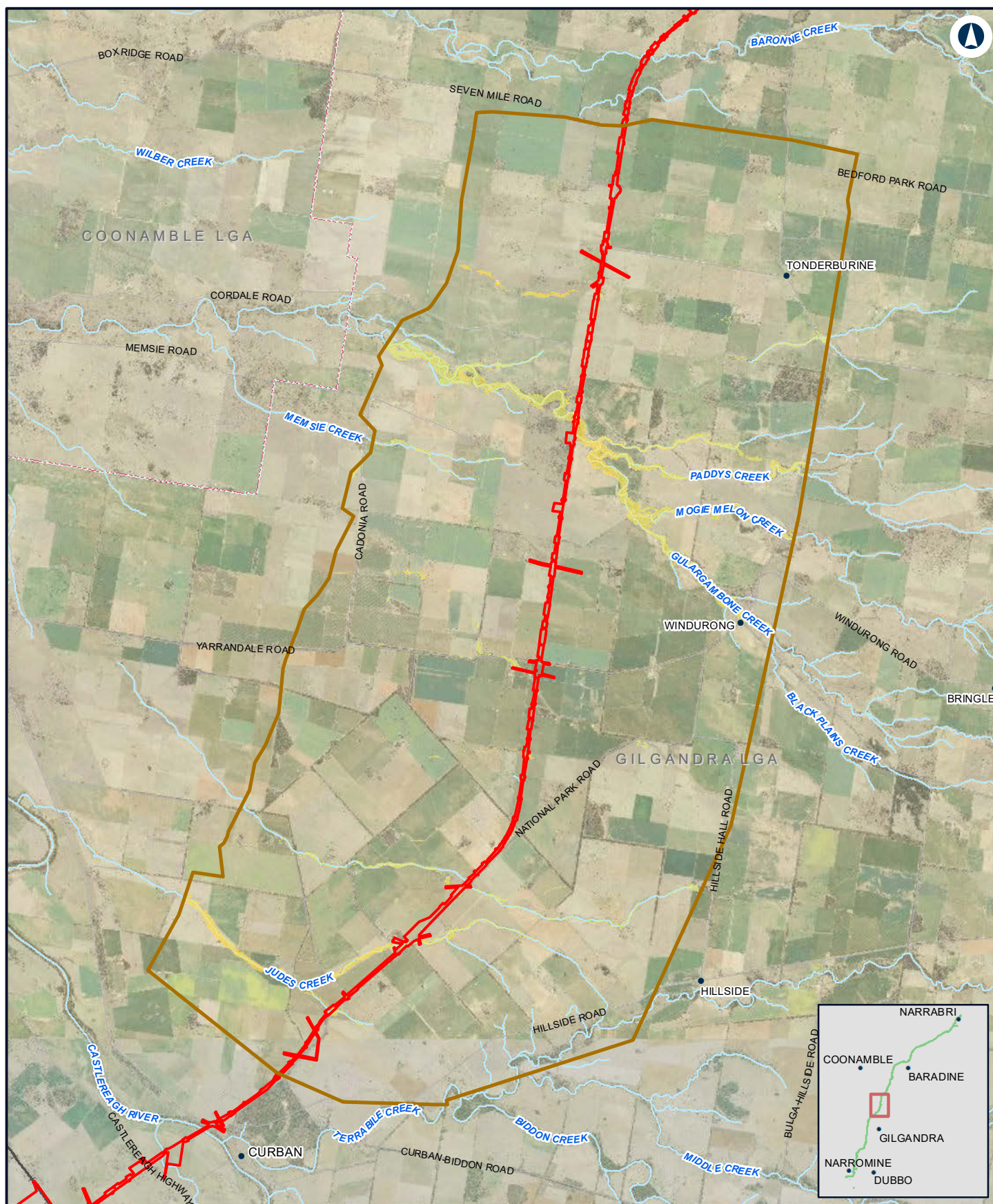
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N10

Appendix G - Figure 3.4e

0 1.5 3
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

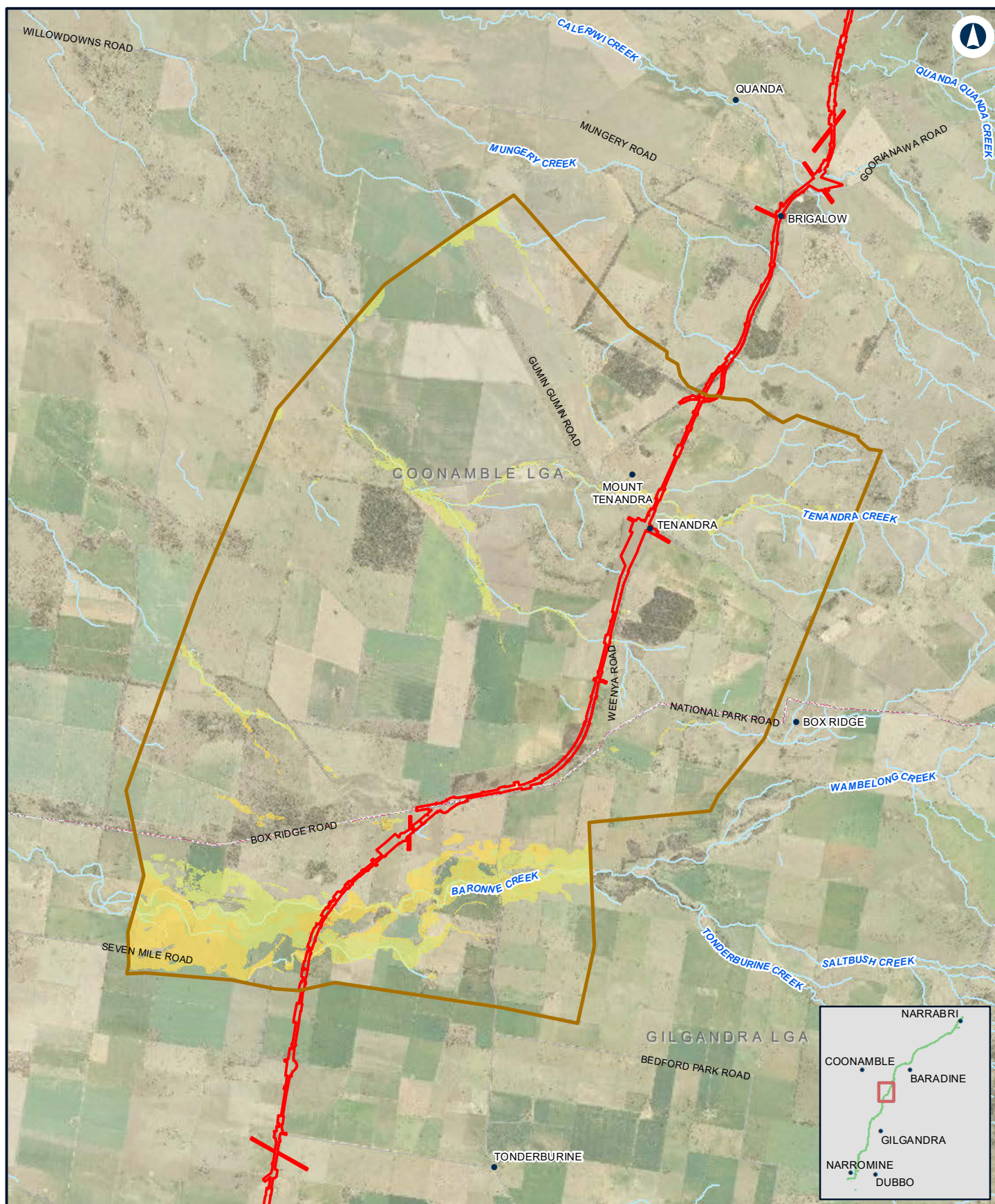
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N9

Appendix G - Figure 3.4f

0 1.5 3 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

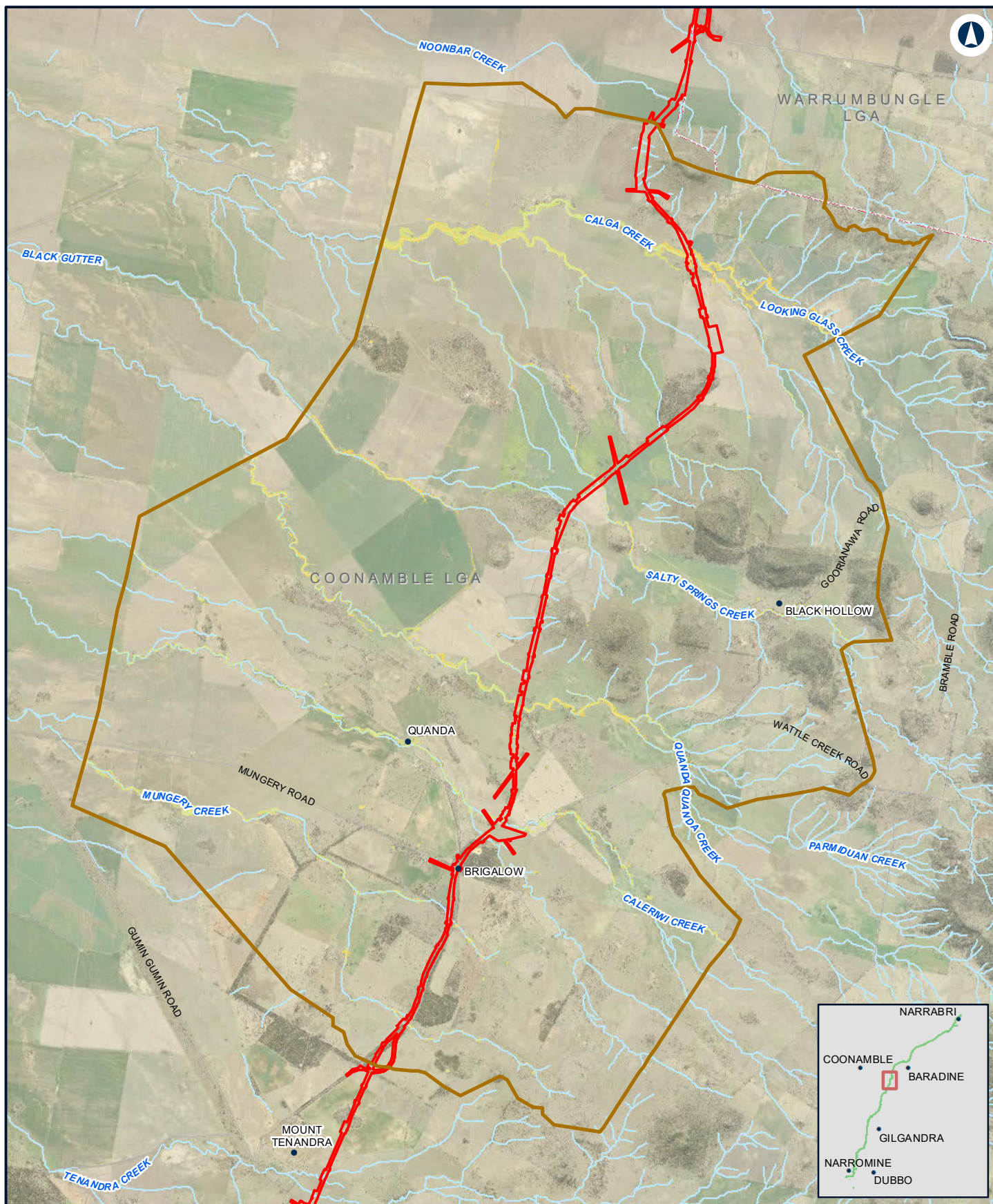
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N8

Appendix G - Figure 3.4g

0 1 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

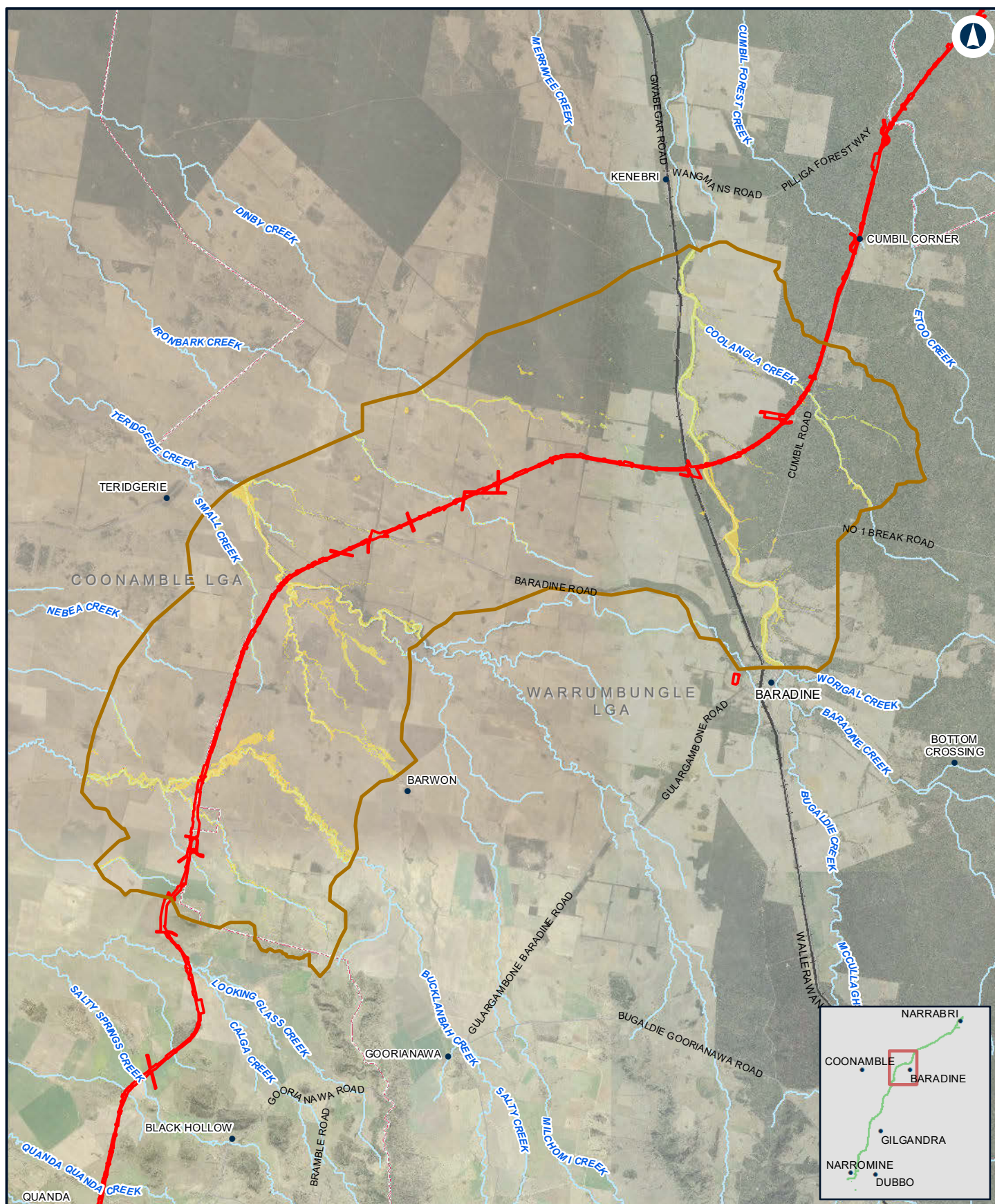
 12 hr - 24 hr increase

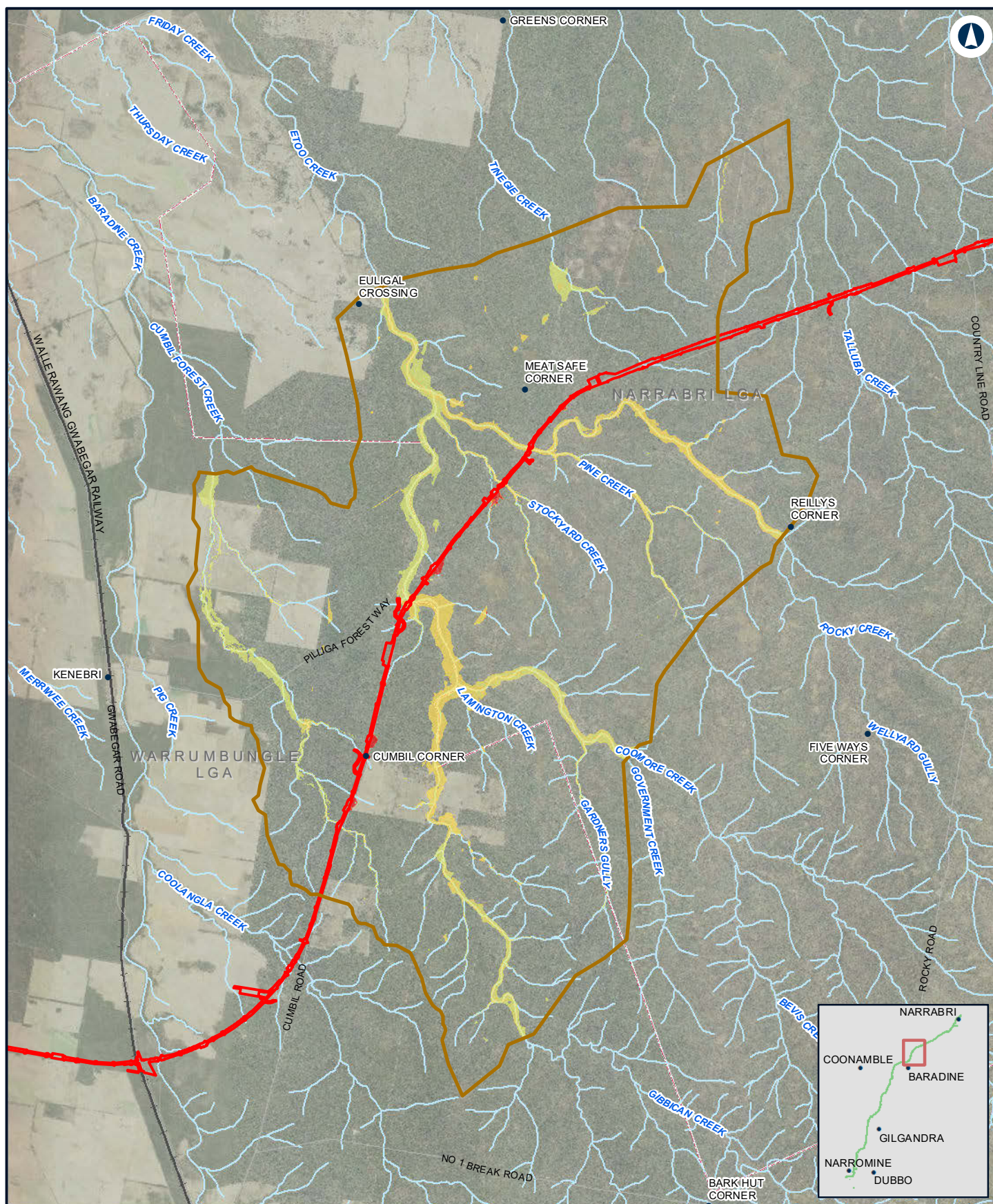
 > 24 hr increase

**INLAND
RAIL**

ARTC

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





NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N6

Appendix G - Figure 3.4i

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

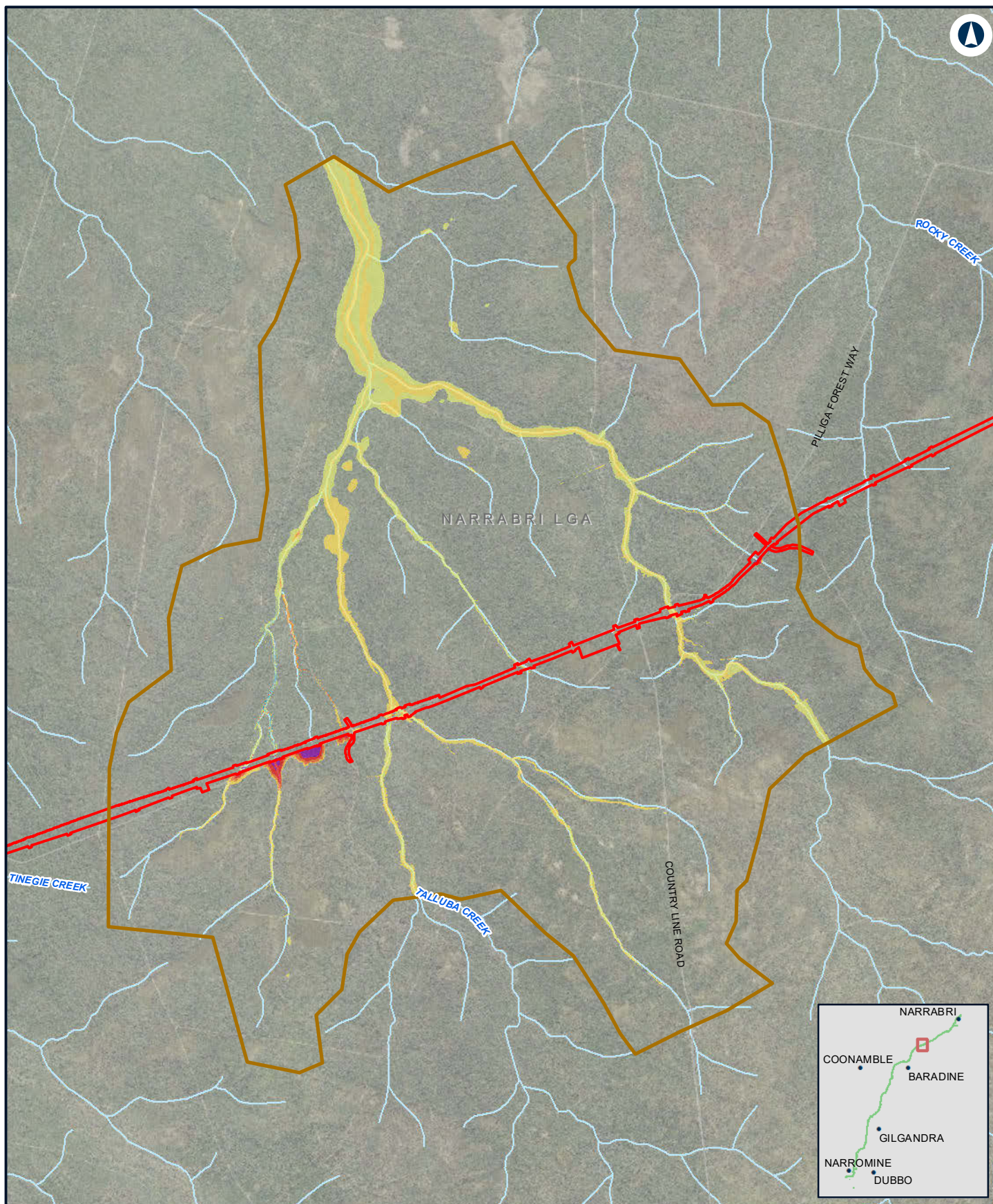
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N5

Appendix G - Figure 3.4j

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

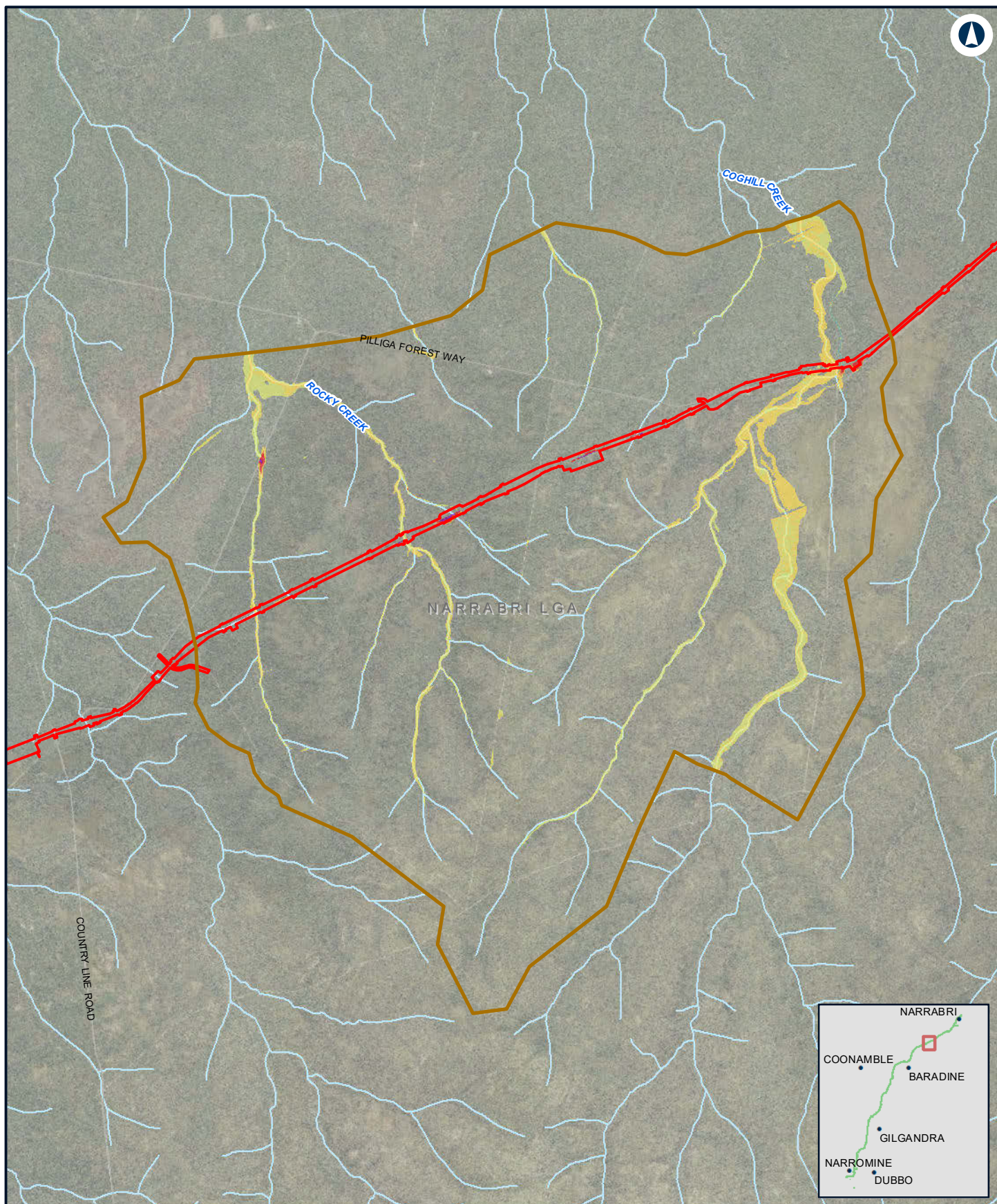
3 hr - 6 hr increase

6 hr - 12 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N4

Appendix G - Figure 3.4k

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

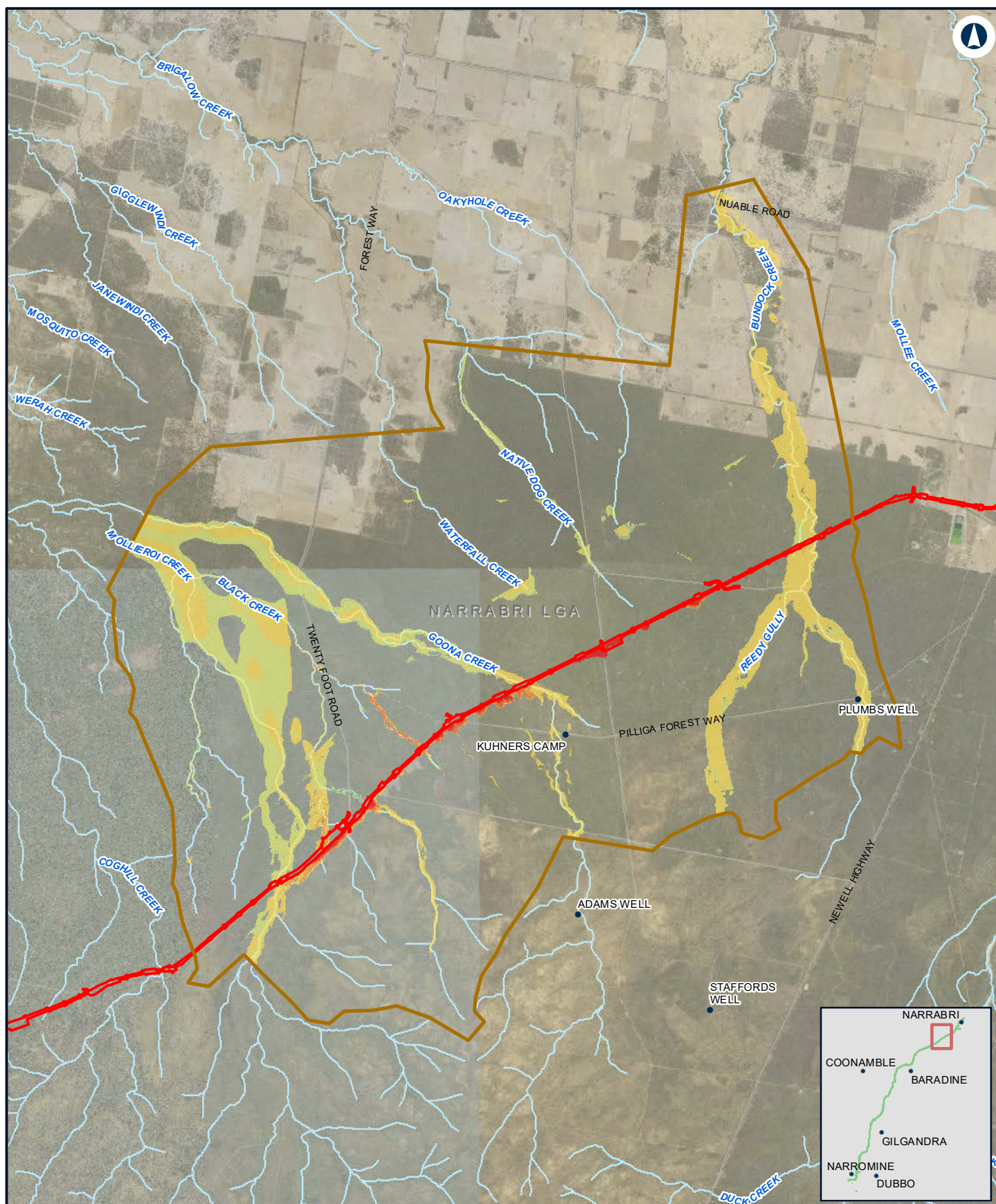
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARRABRI TO NARRABRI

Change in duration - 1% AEP with blockage - N2N23

Appendix G - Figure 3.4I

0 1.5 3
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

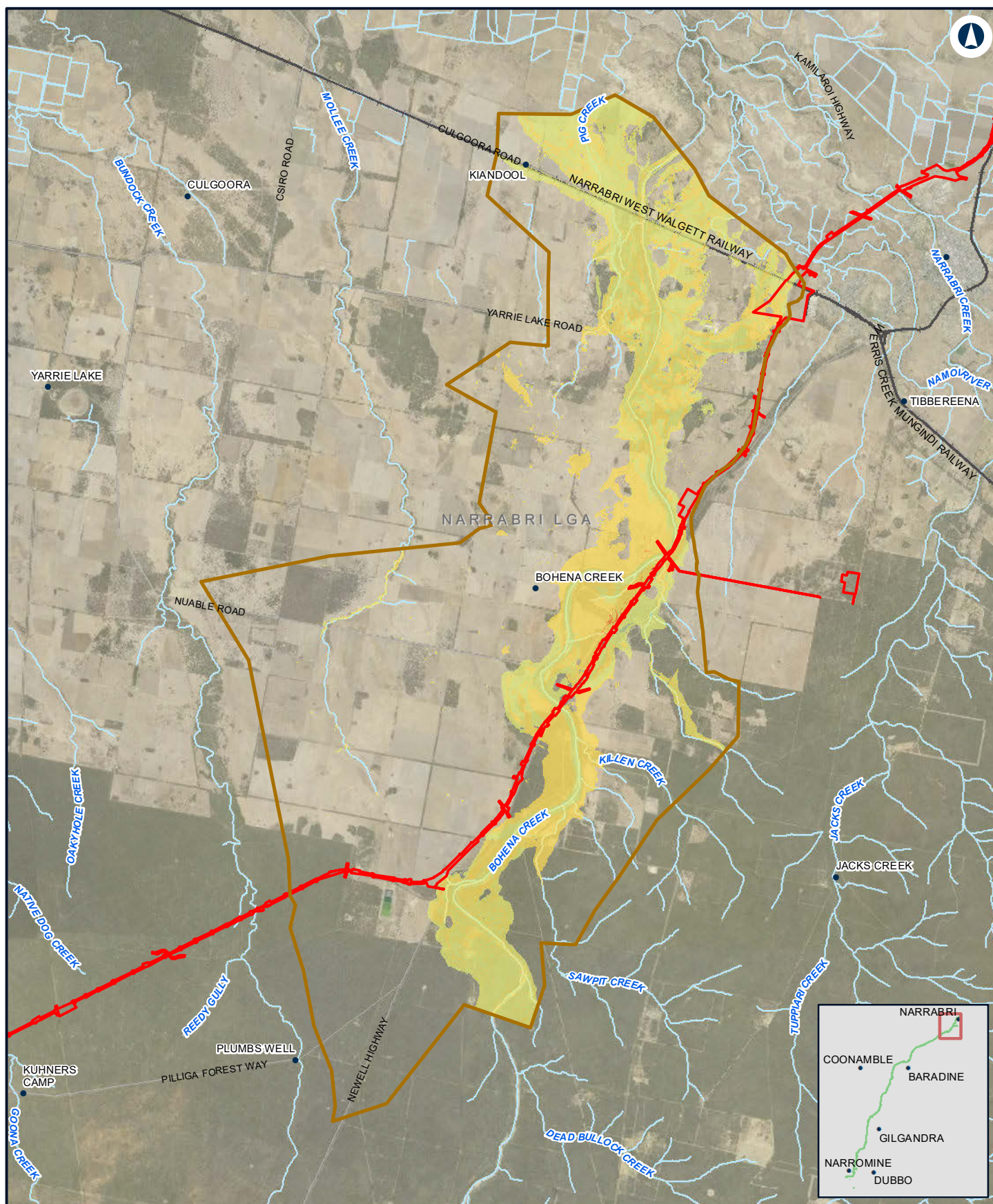
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - N2N1

Appendix G - Figure 3.4m

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

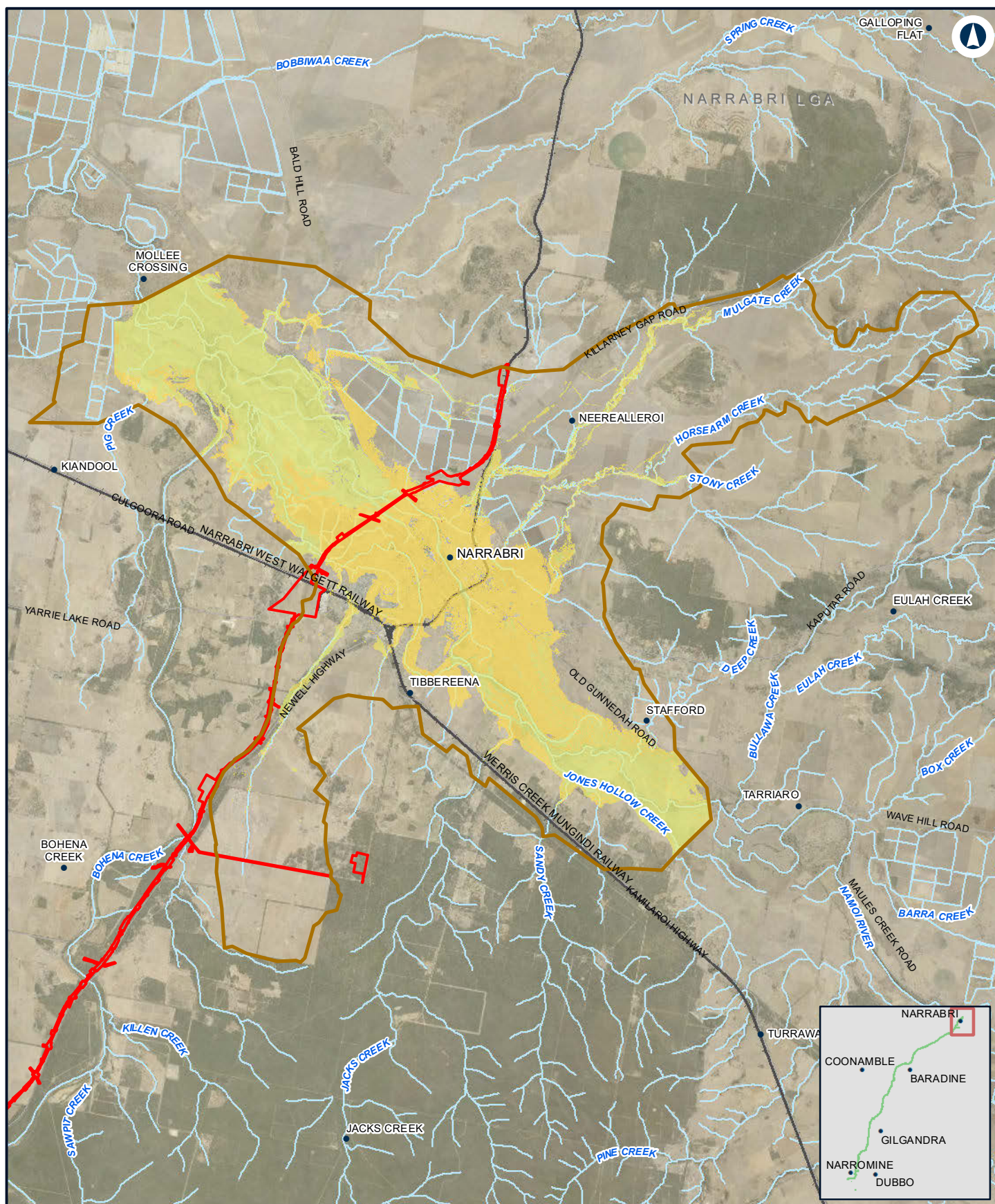
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with blockage - Narrabri

Appendix G - Figure 3.4n

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

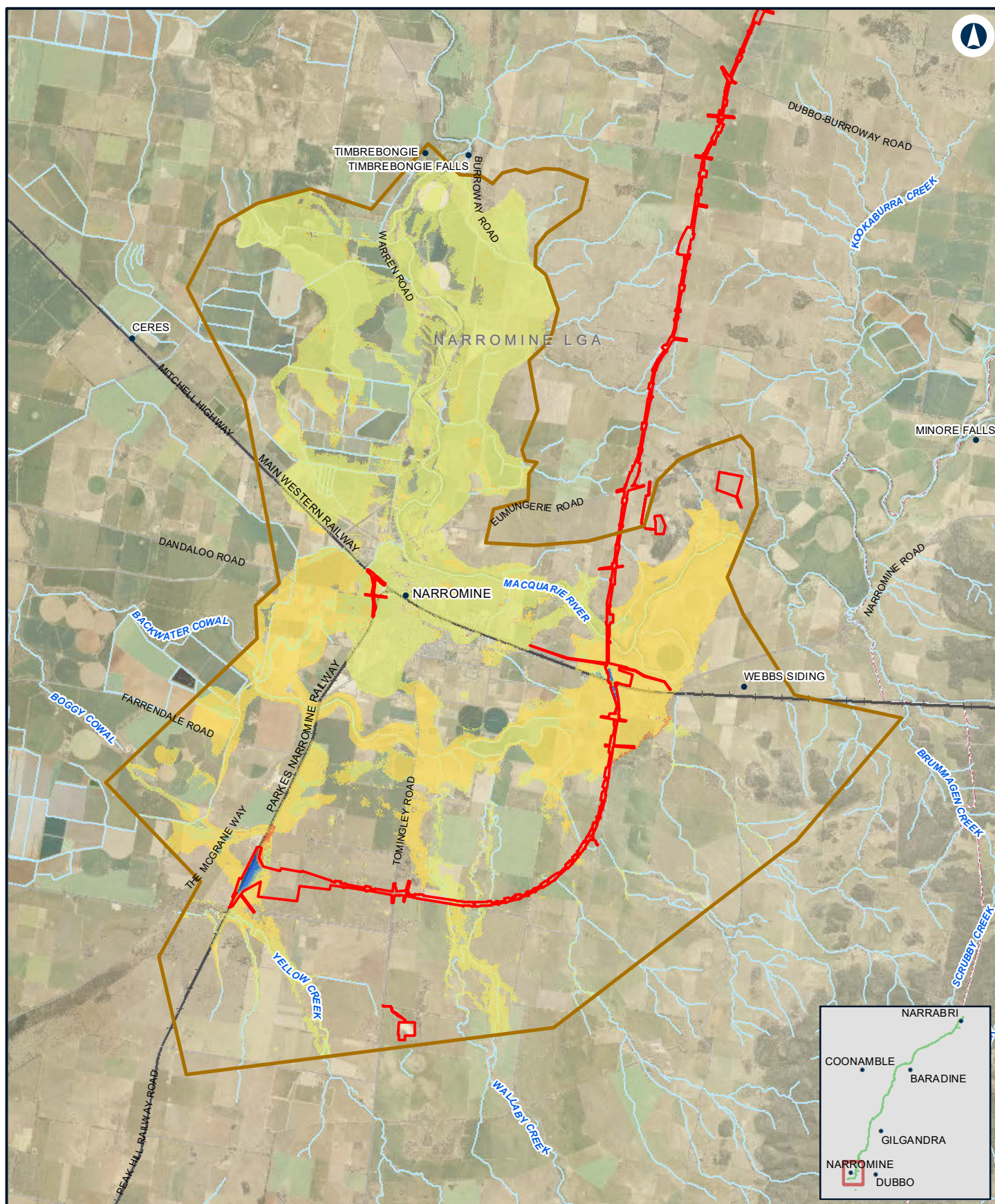
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - NFM

Appendix G - Figure 3.5a

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

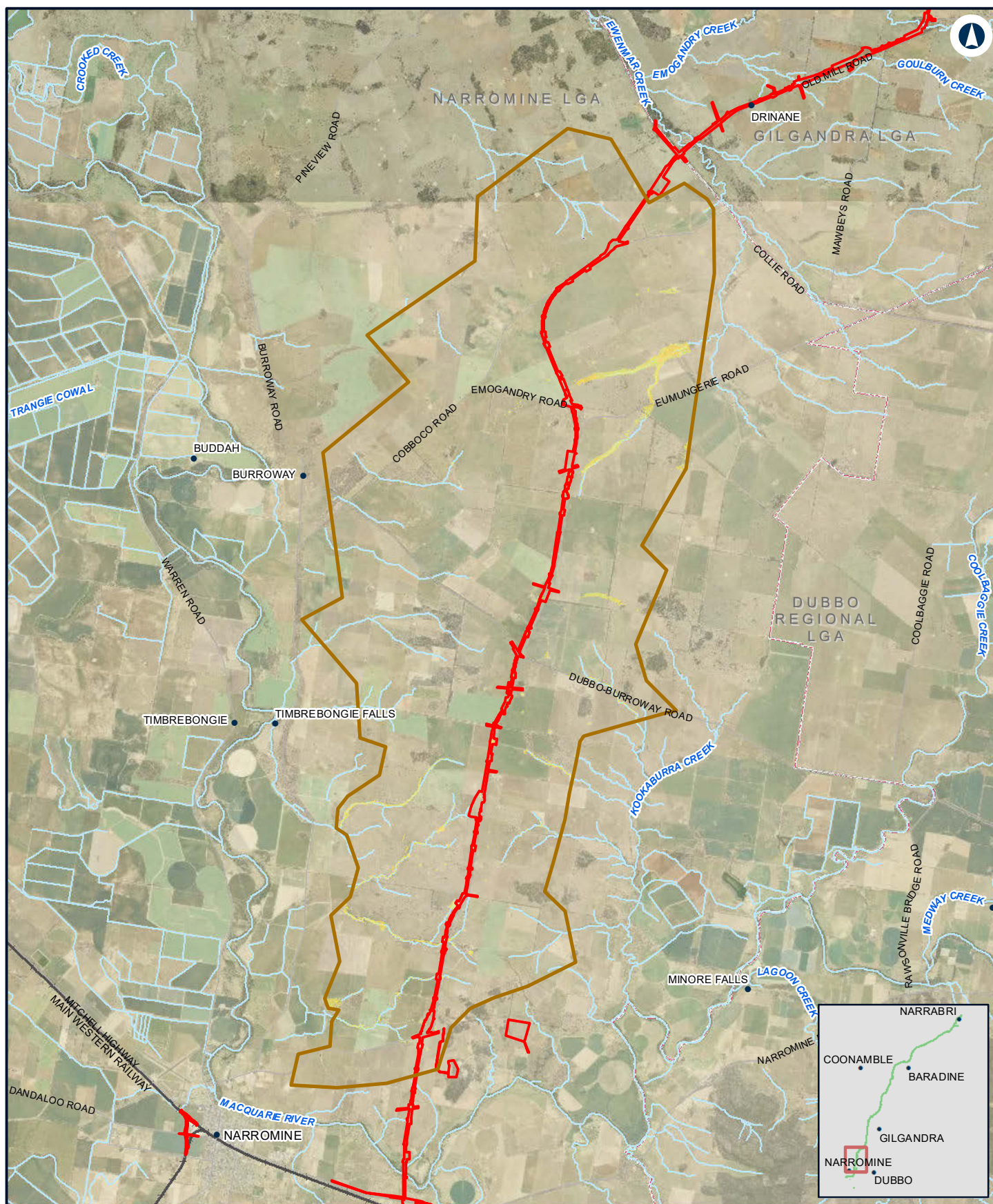
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N14

Appendix G - Figure 3.5b

0 2 4 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

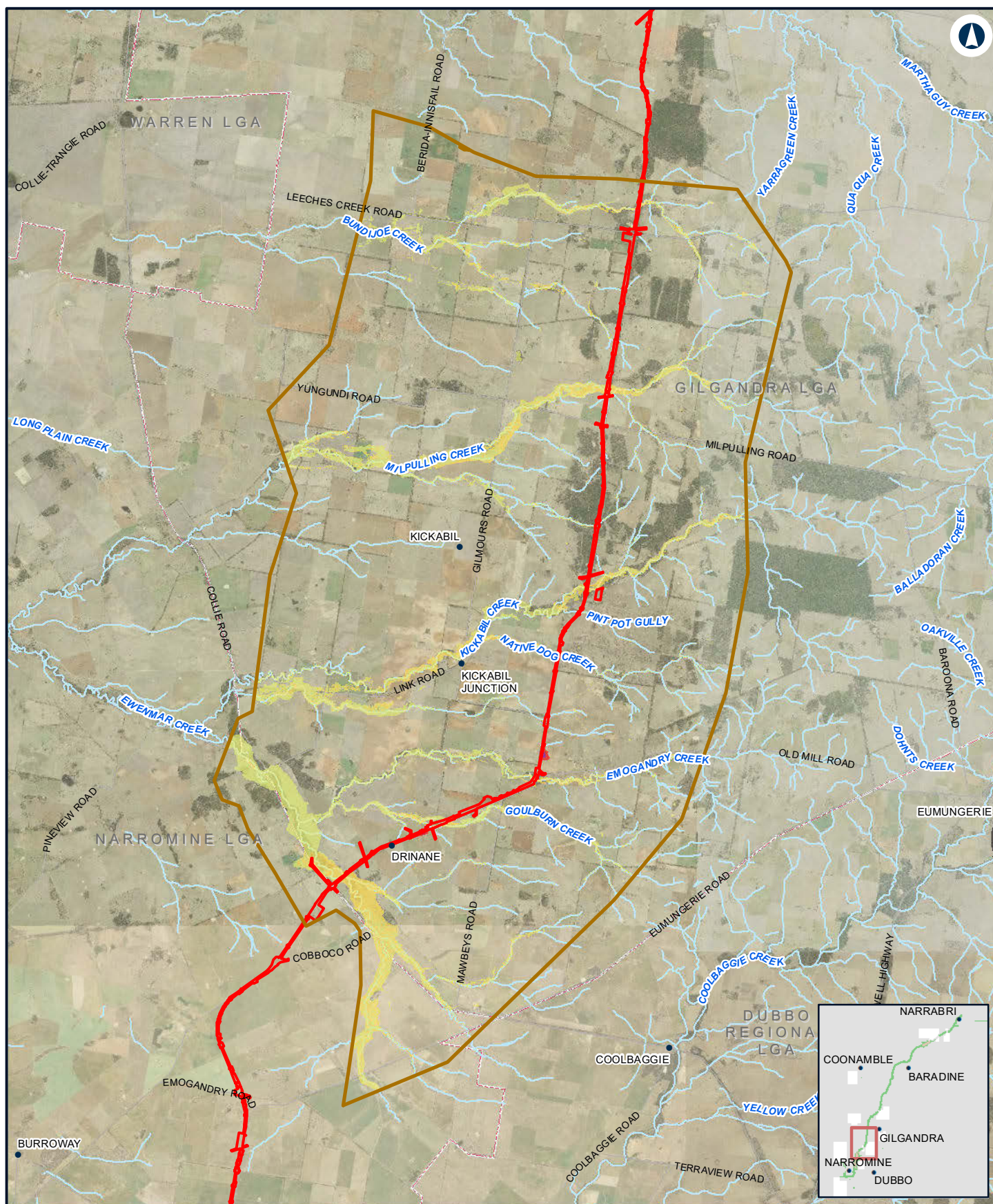
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N13

Appendix G - Figure 3.5c

0 2.5 5 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

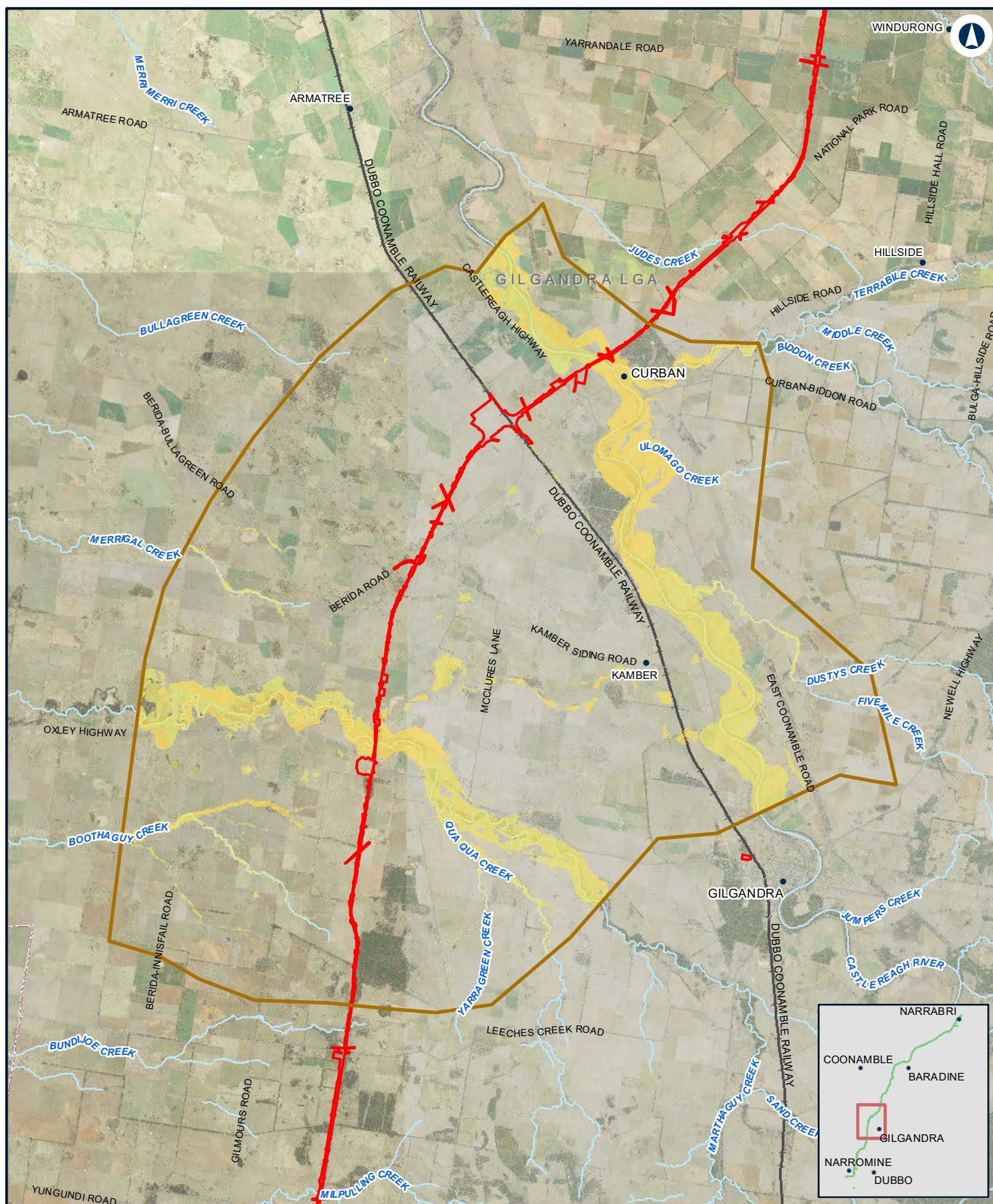
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N11N12

Appendix G - Figure 3.5d

0 2.5 5
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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

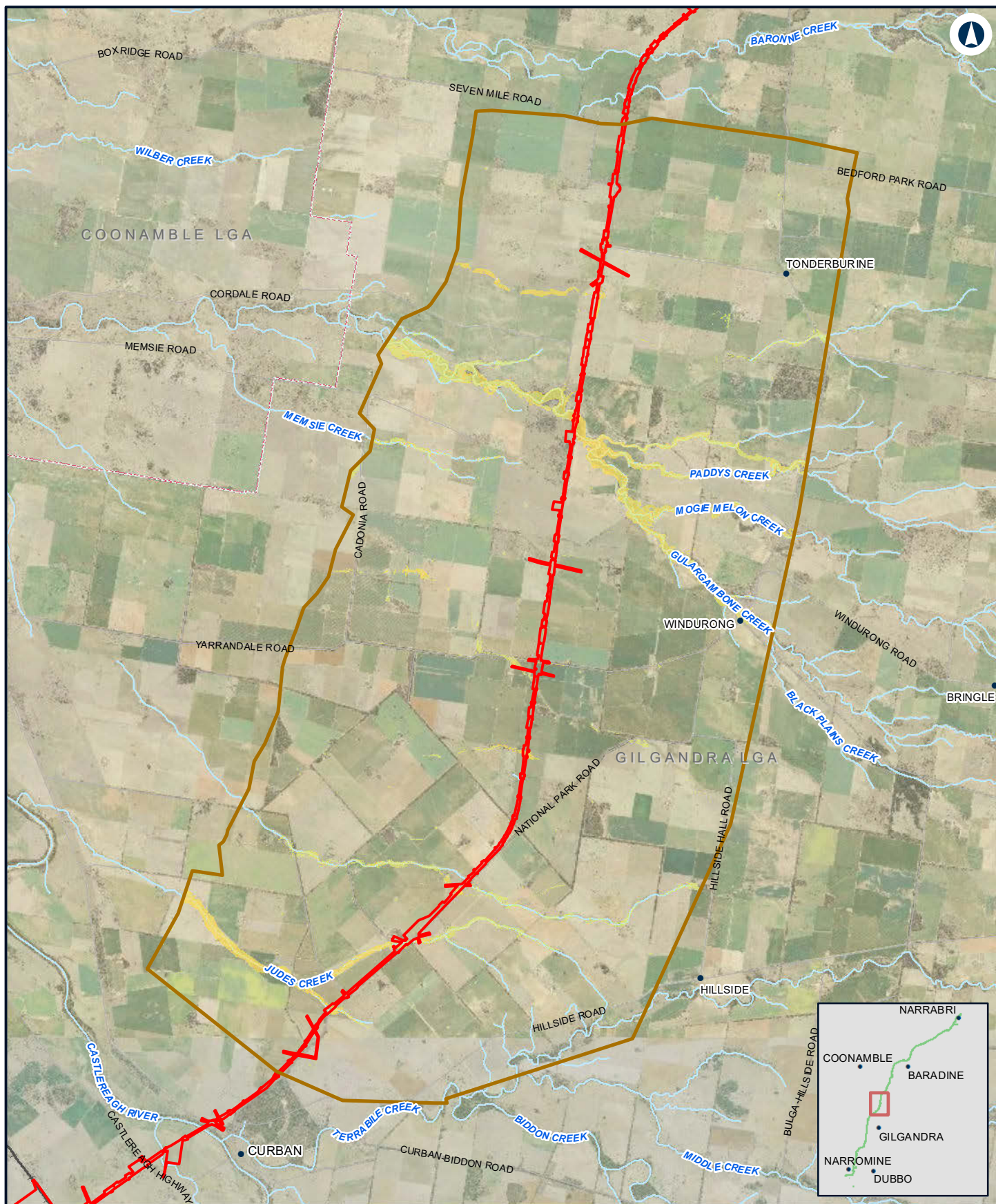
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N10

Appendix G - Figure 3.5e

0 1.5 3
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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

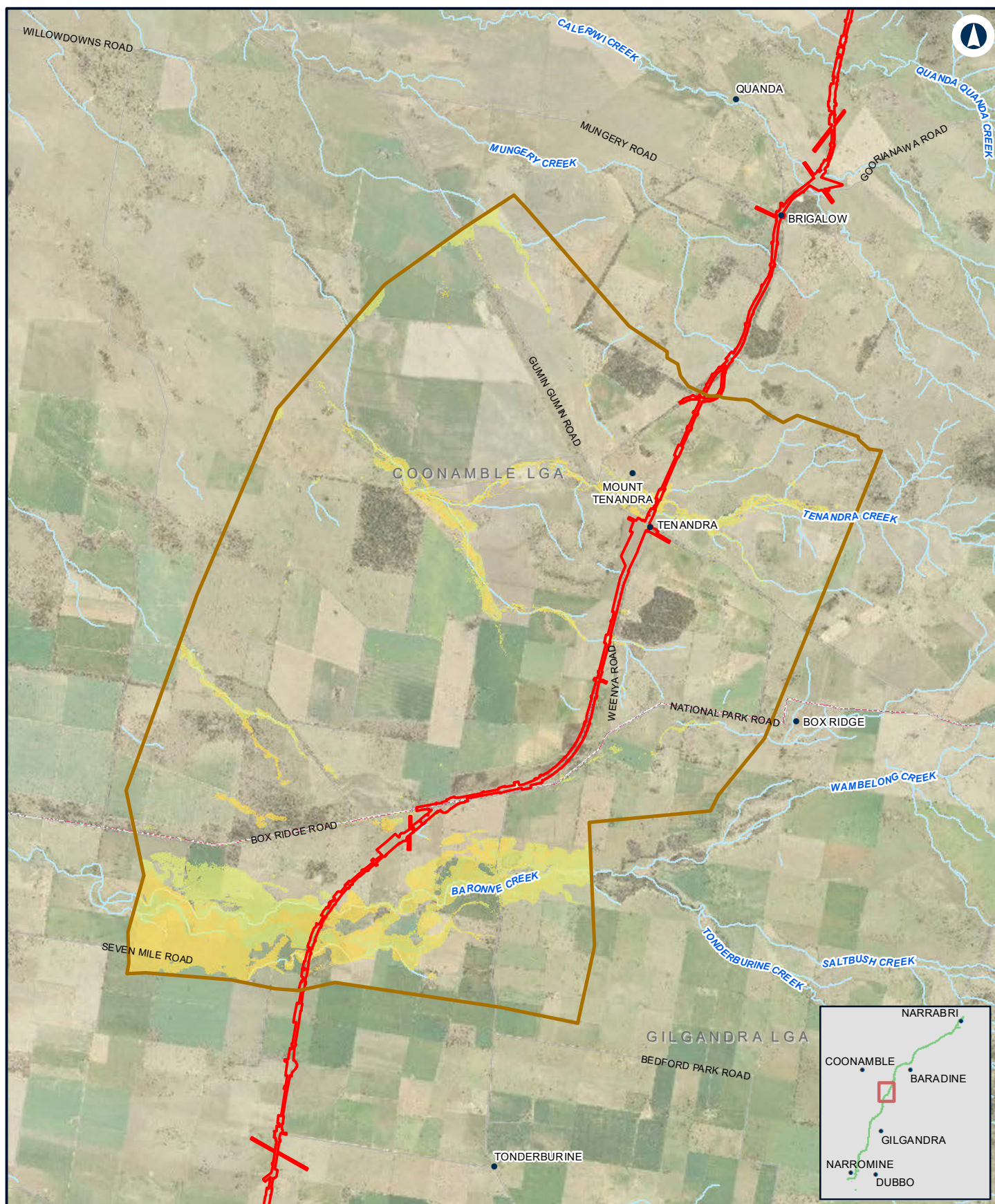
Duration Change

- | | |
|---|---|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N9

Appendix G - Figure 3.5f

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

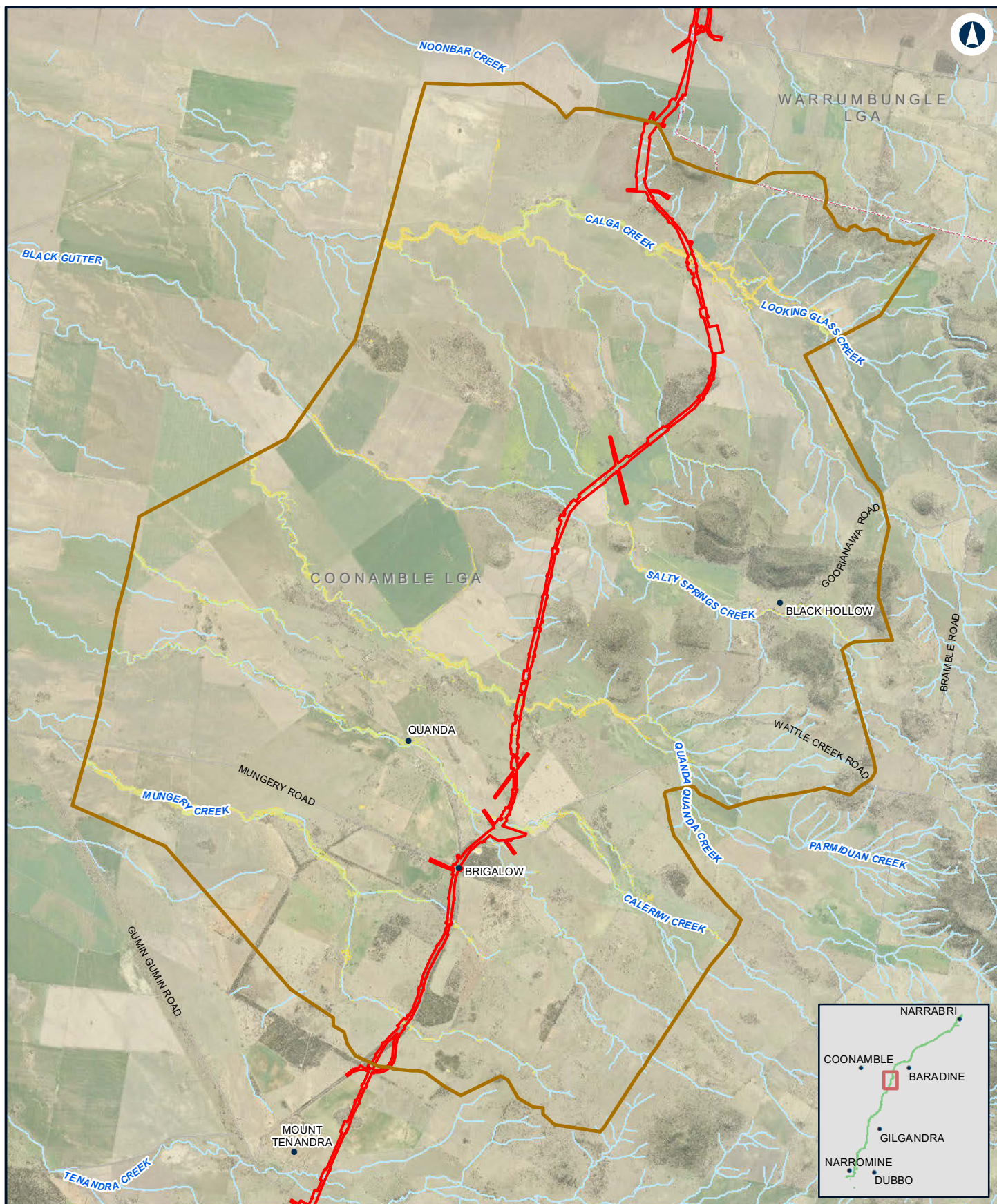
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Duration Change**
 - > 24 hr decrease
 - 12 hr - 24 hr decrease
 - 6 hr - 12 hr decrease
 - 3 hr - 6 hr decrease
 - 0 hr - 3 hr decrease
 - 0 hr - 3 hr increase
 - 3 hr - 6 hr increase
 - 6 hr - 12 hr increase
 - 12 hr - 24 hr increase
 - > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N8

Appendix G - Figure 3.5g

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

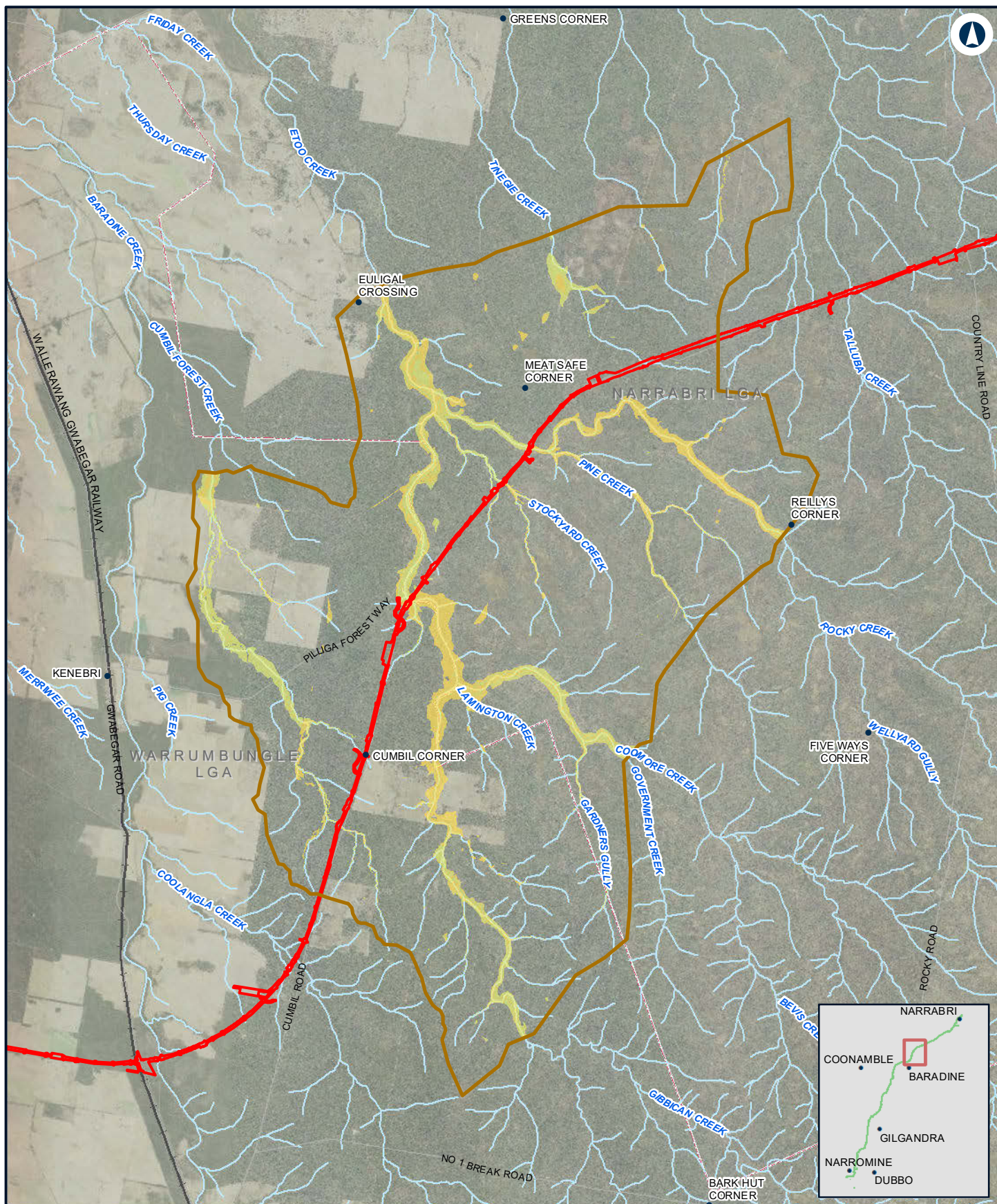
3 hr - 6 hr increase

6 hr - 12 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N6

Appendix G - Figure 3.5i

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

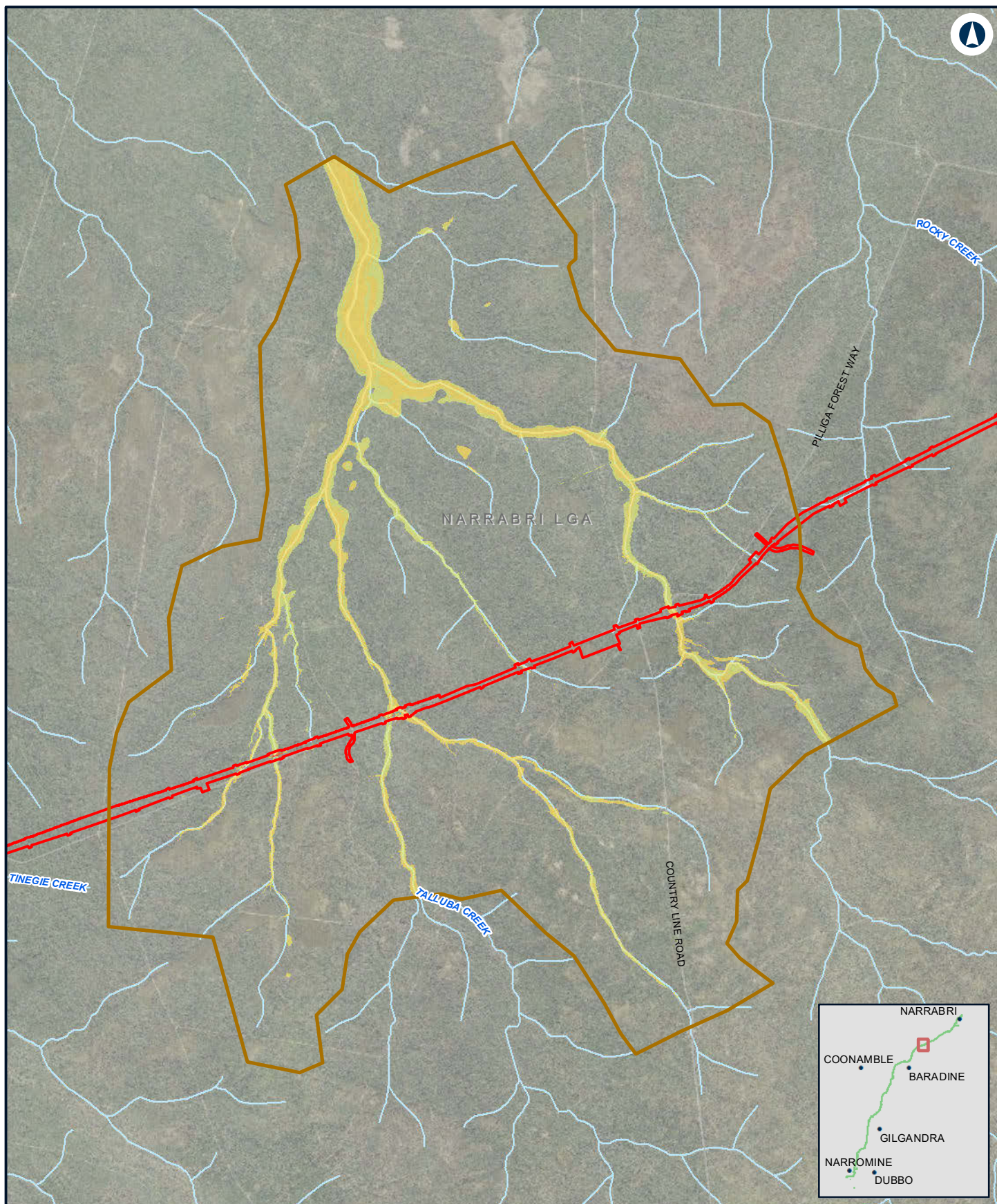
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |
| 0 hr - 3 hr decrease | 0 hr - 3 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N5

Appendix G - Figure 3.5j

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

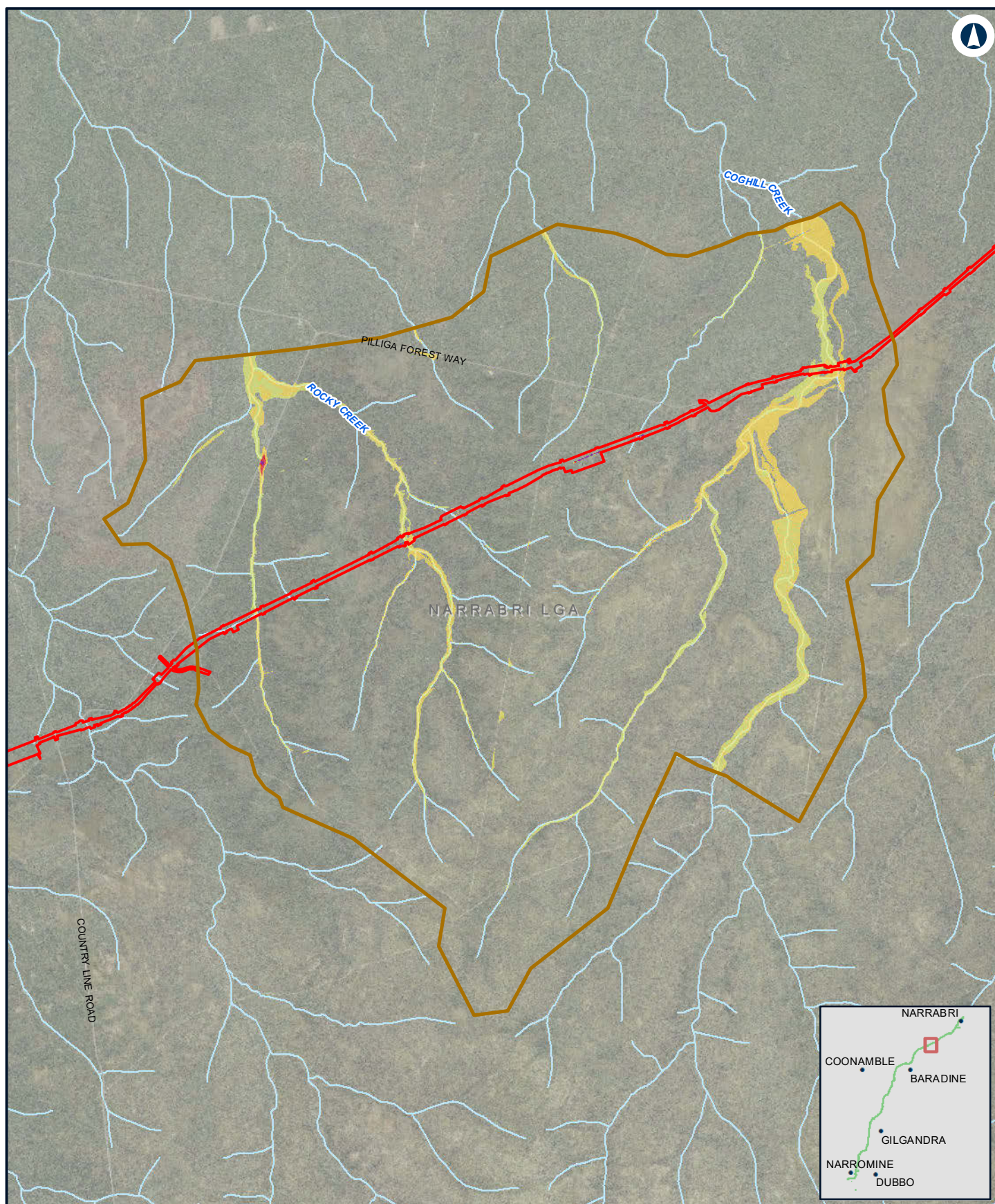
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N4

Appendix G - Figure 3.5k

0 1 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

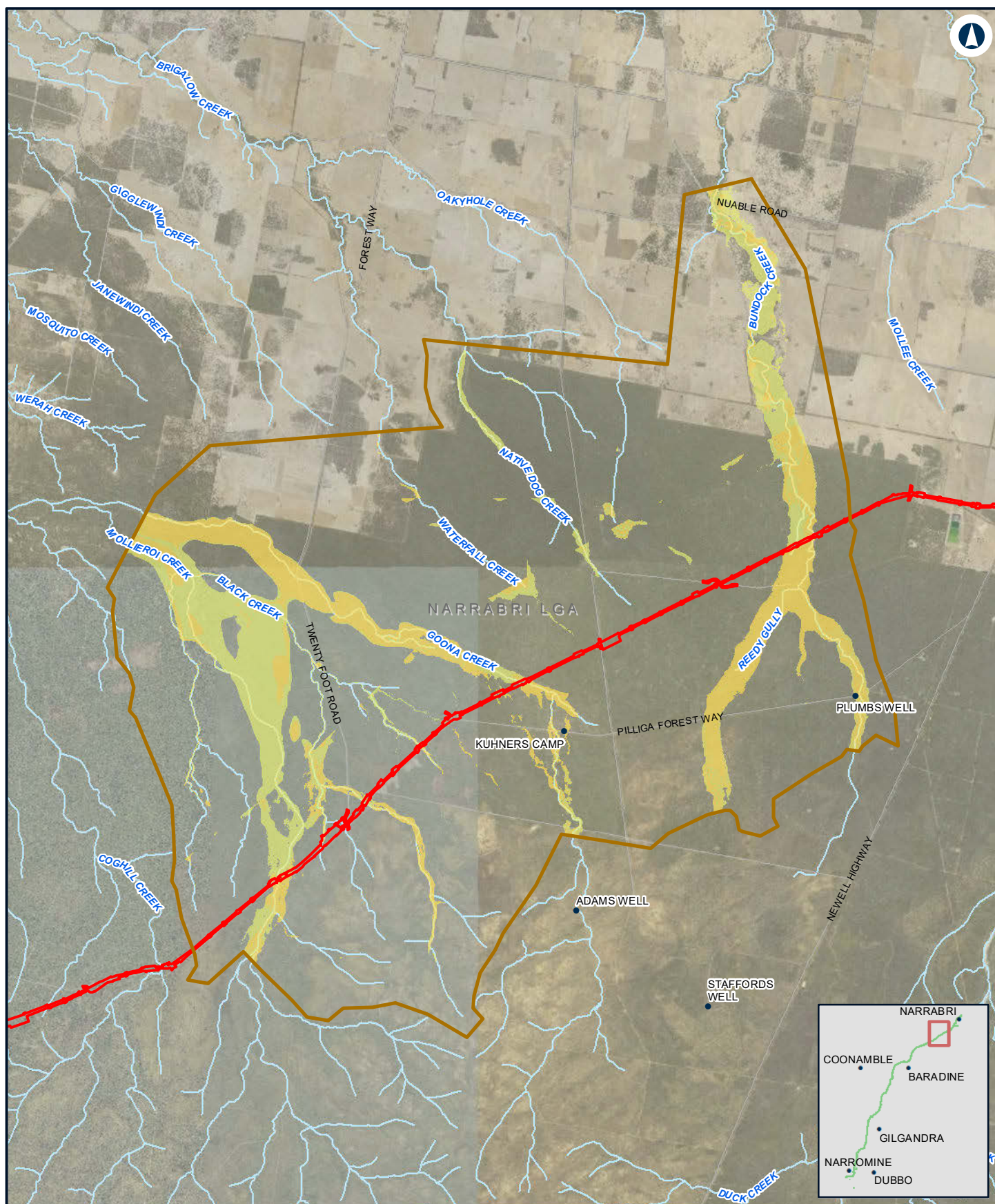
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N23

Appendix G - Figure 3.5I

0 1.5 3 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

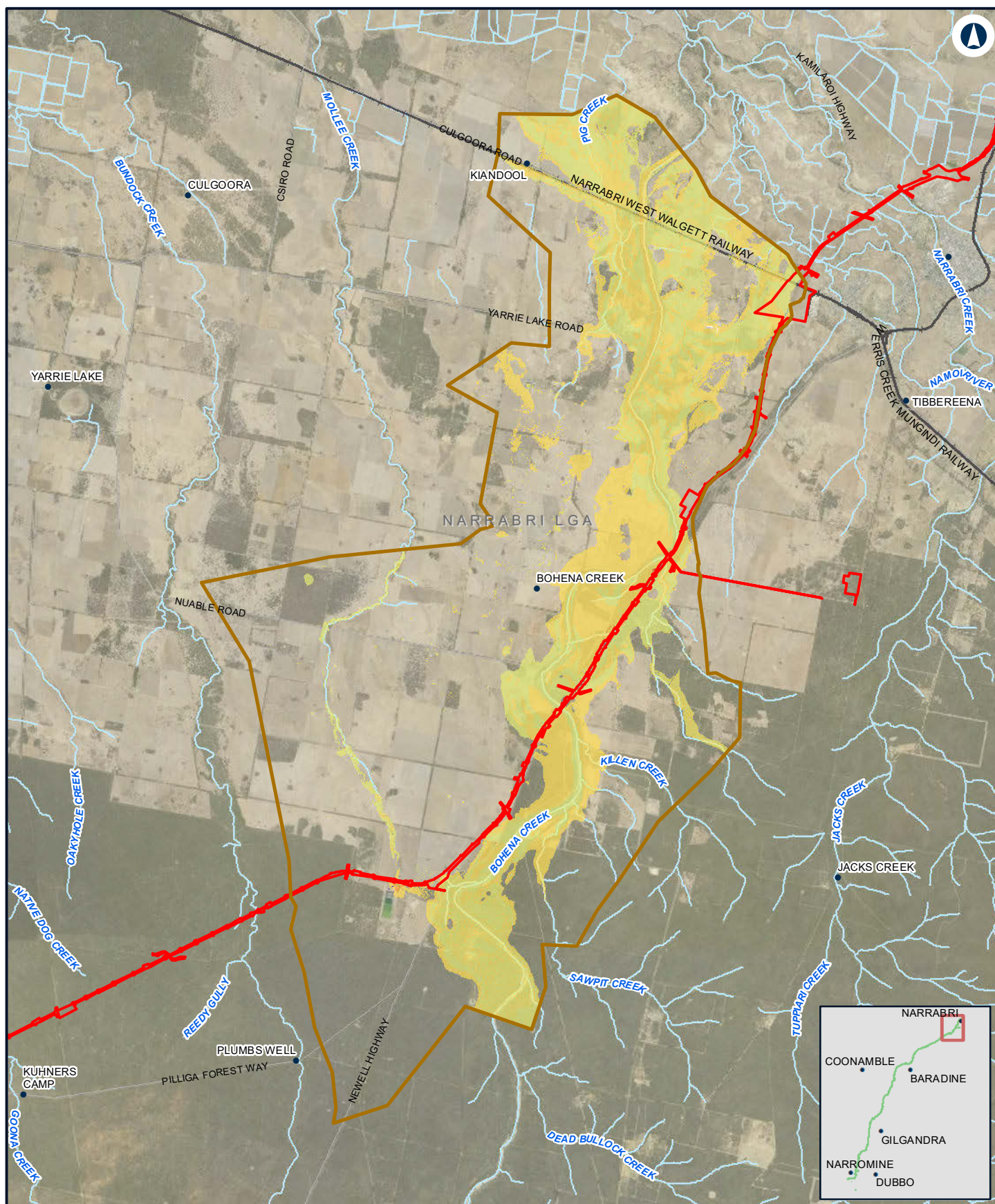
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - N2N1

Appendix G - Figure 3.5m

0 2 4 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: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

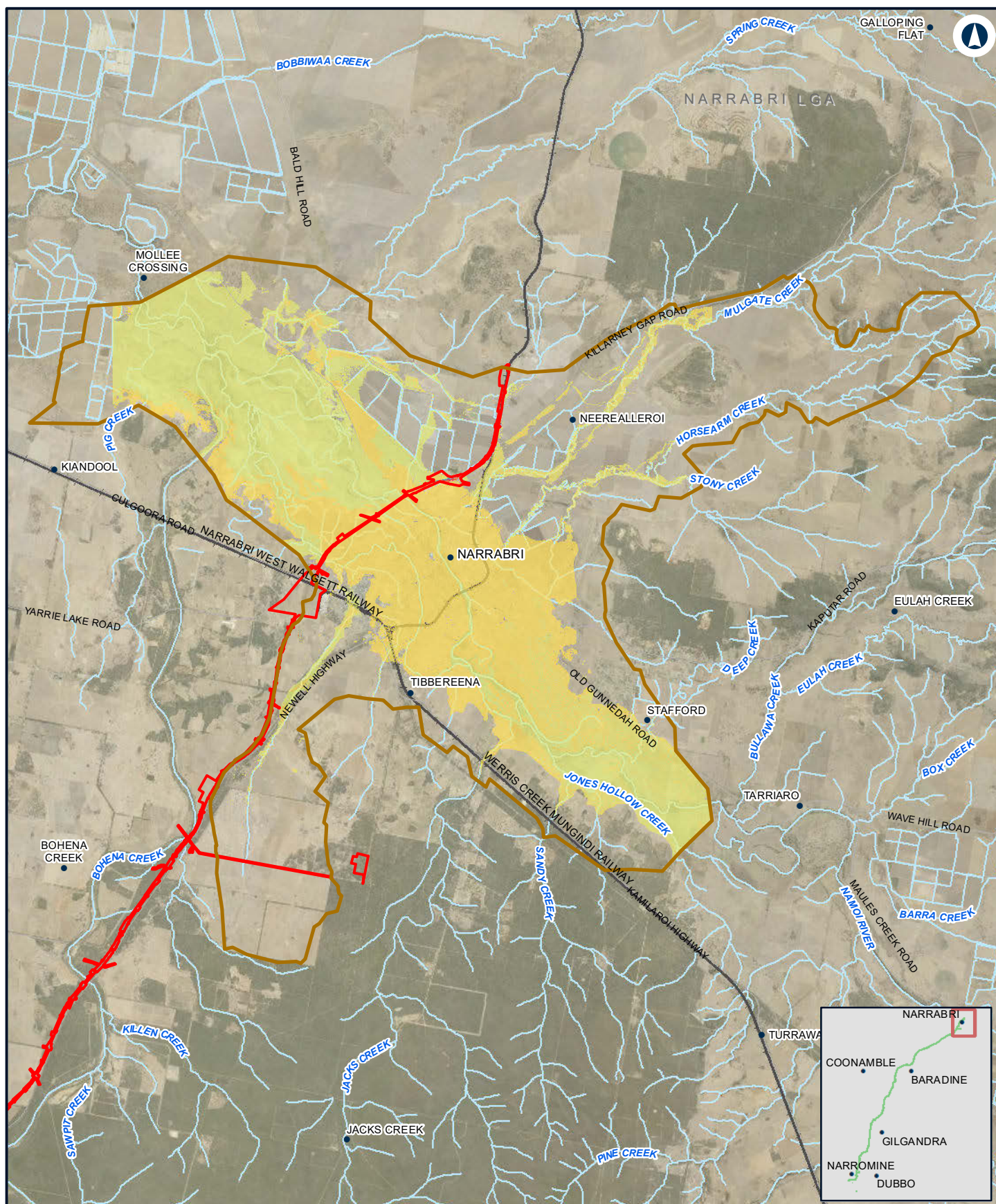
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP with climate change - Narrabri

Appendix G - Figure 3.5n

0 2 4 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: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

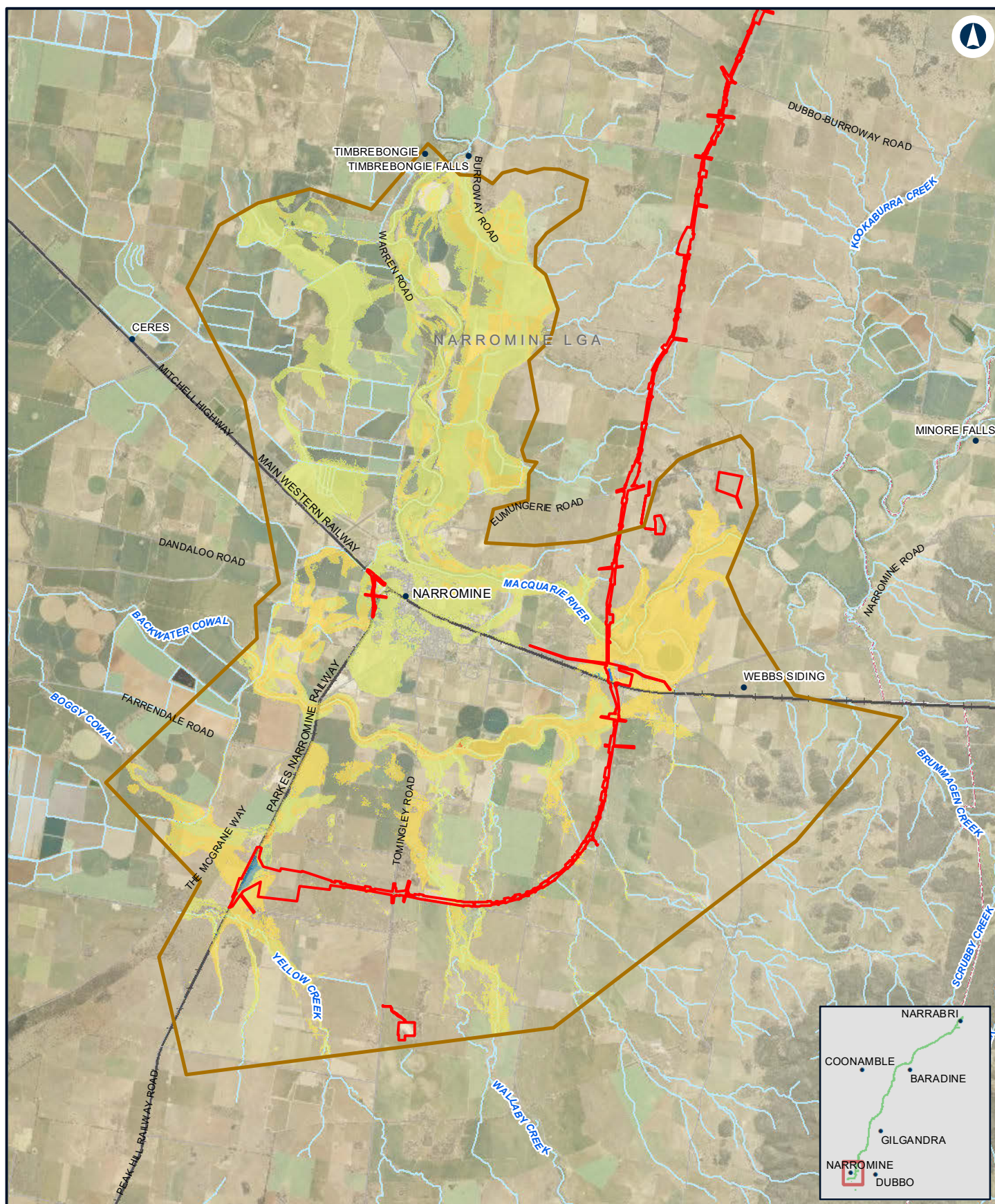
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - NFM

Appendix G - Figure 3.6a

0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

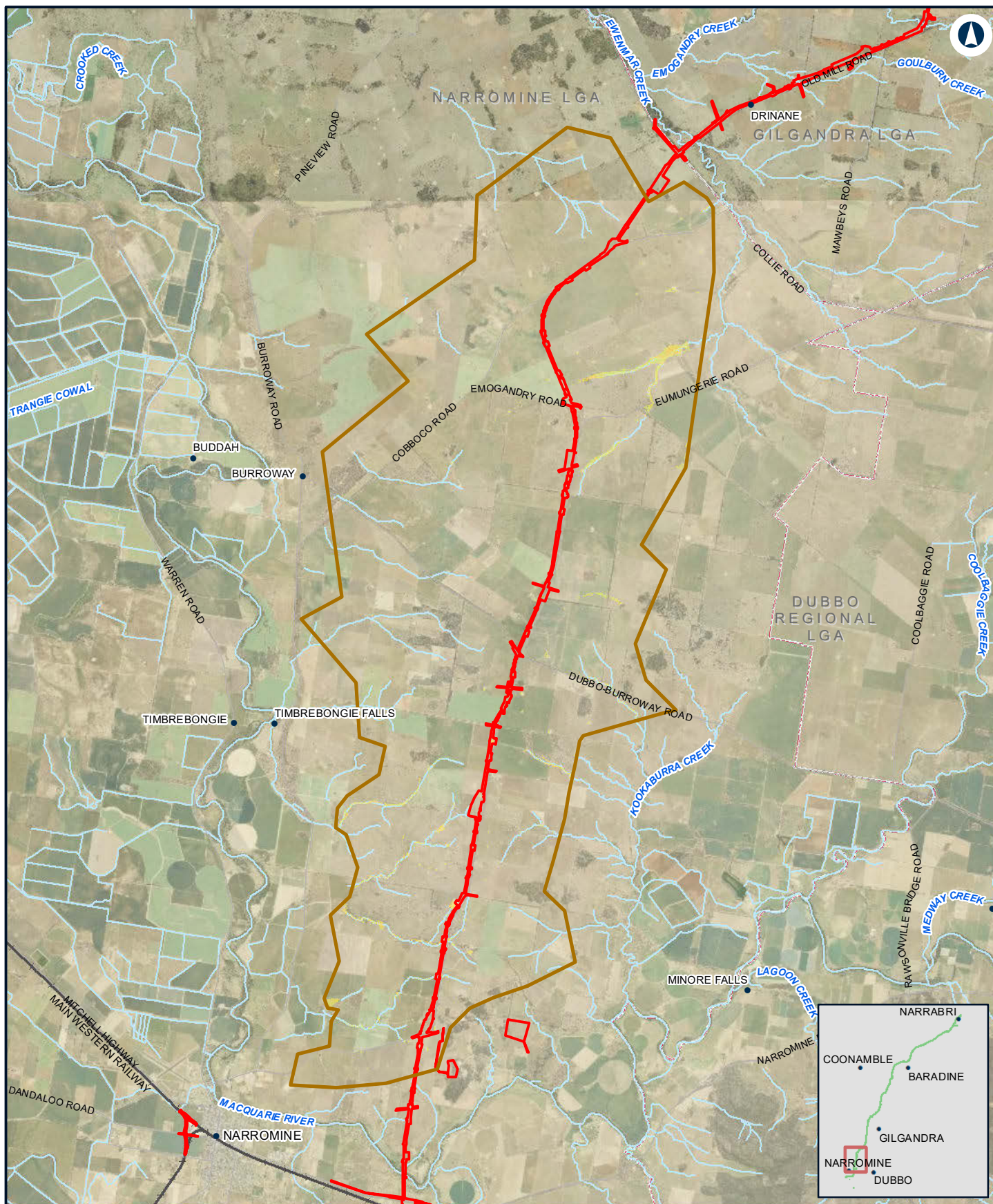
6 hr - 12 hr increase

12 hr - 24 hr increase

> 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N14

Appendix G - Figure 3.6b

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

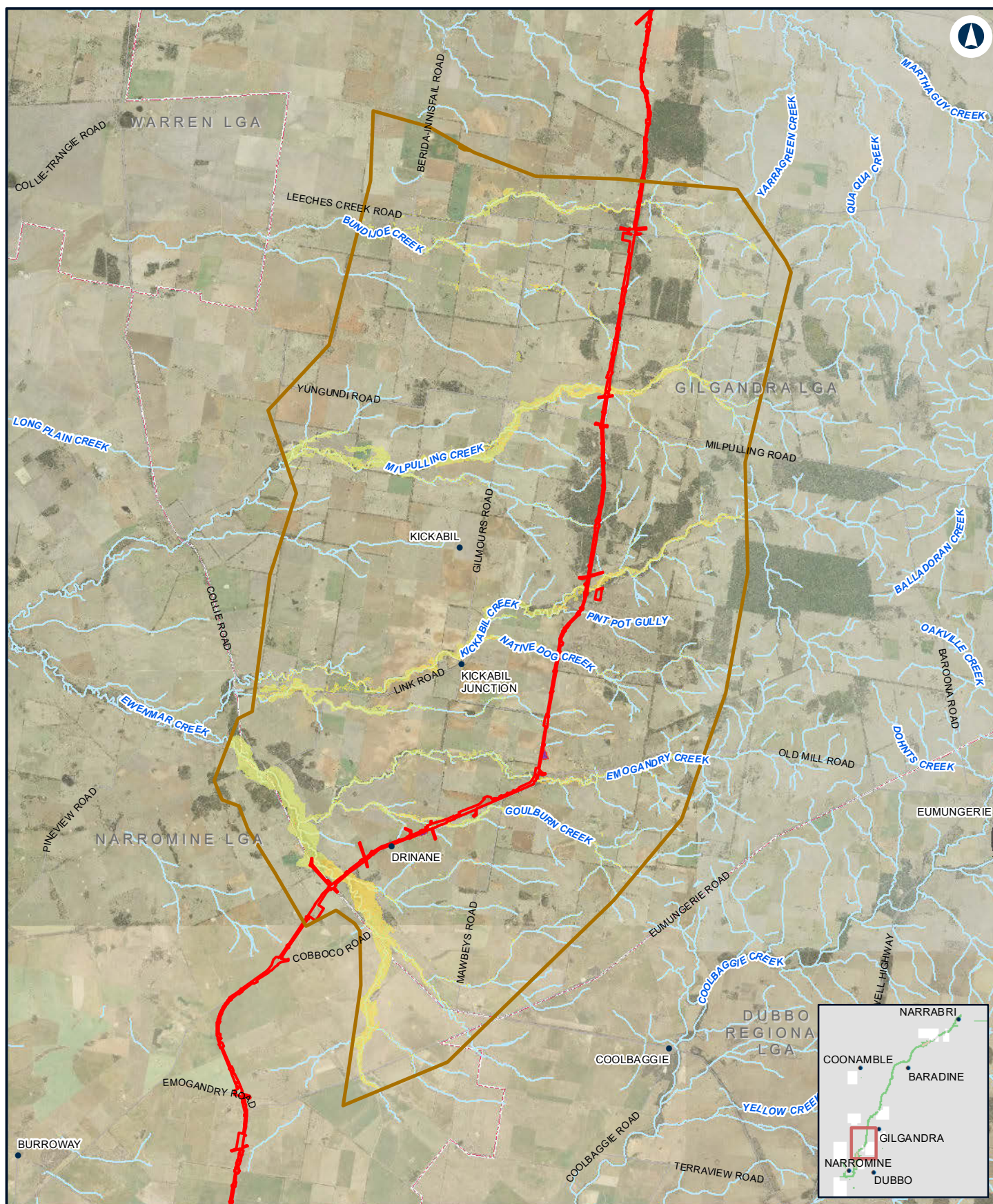
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N13

Appendix G - Figure 3.6c

0 2.5 5 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

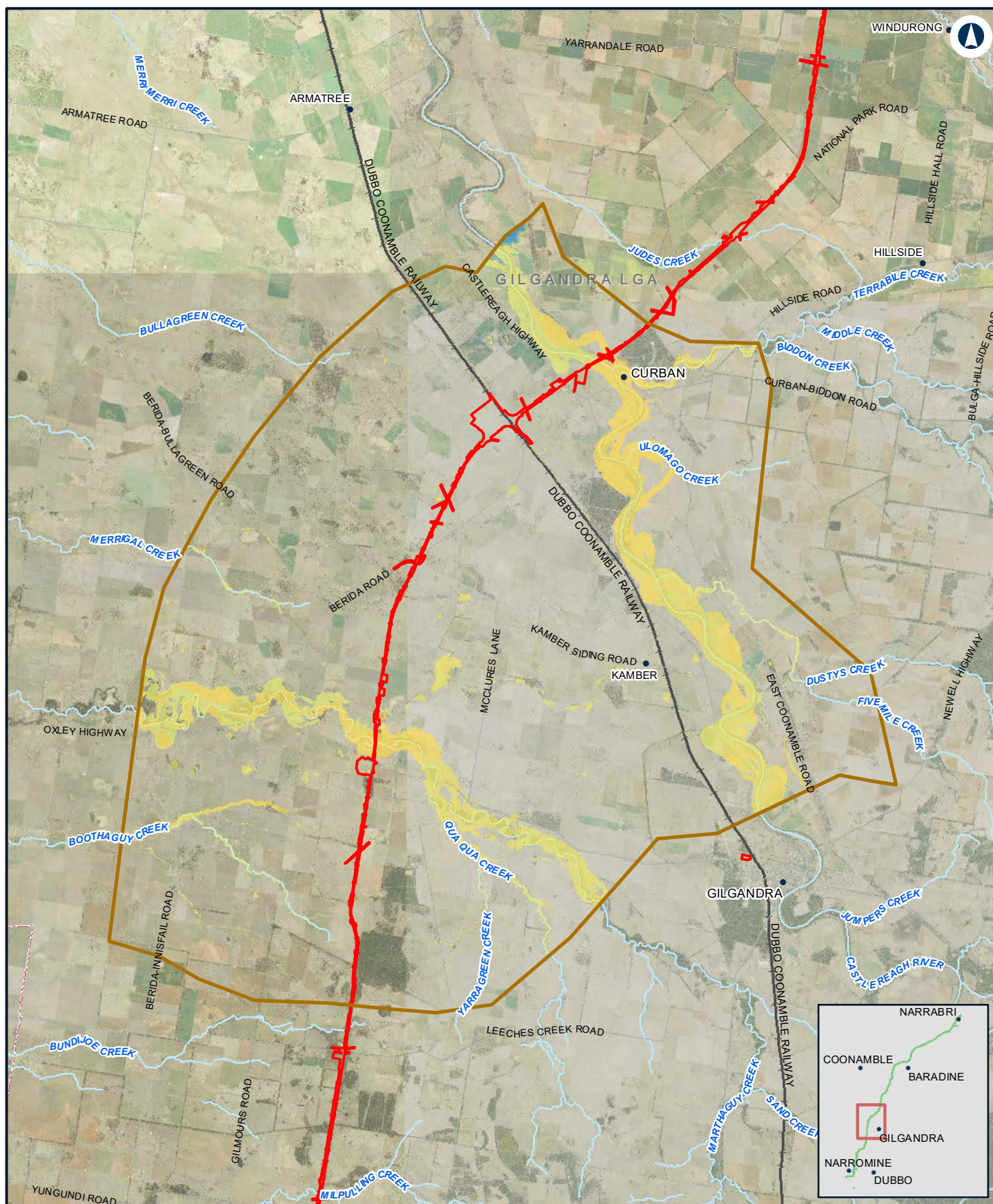
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N11N12

Appendix G - Figure 3.6d

0 2.5 5
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

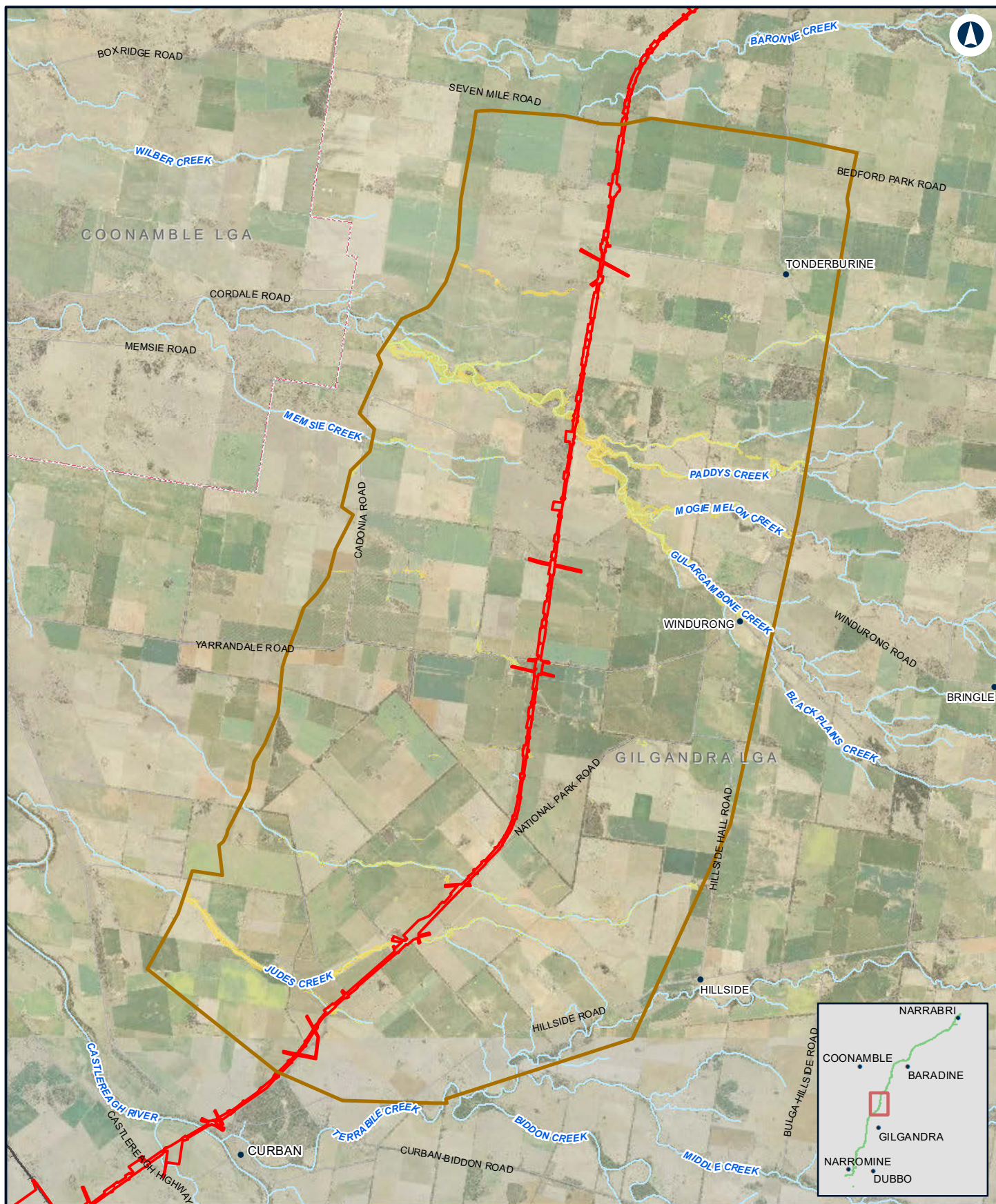
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N10

Appendix G - Figure 3.6e

0 1.5 3
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

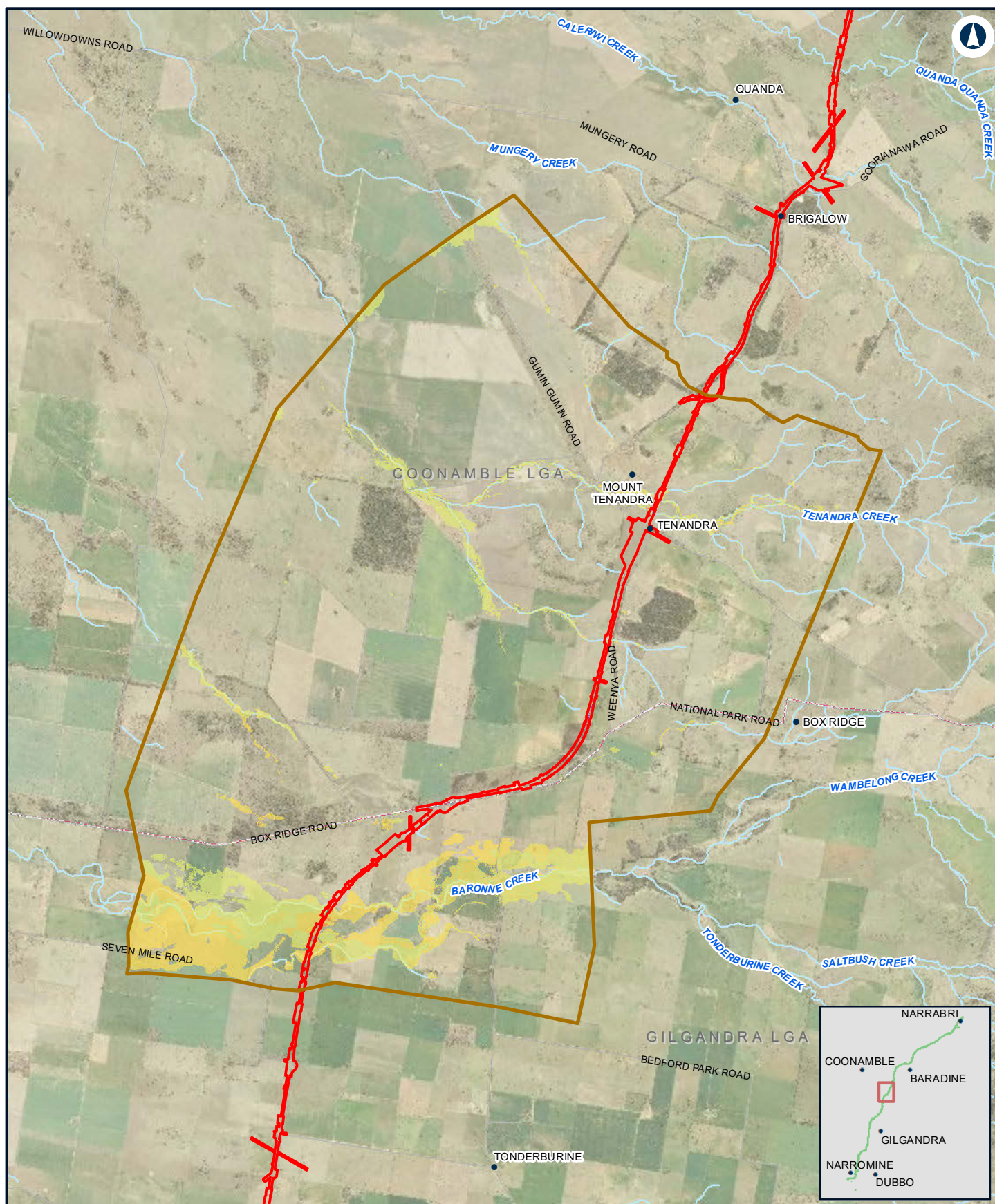
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N9

Appendix G - Figure 3.6f

0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

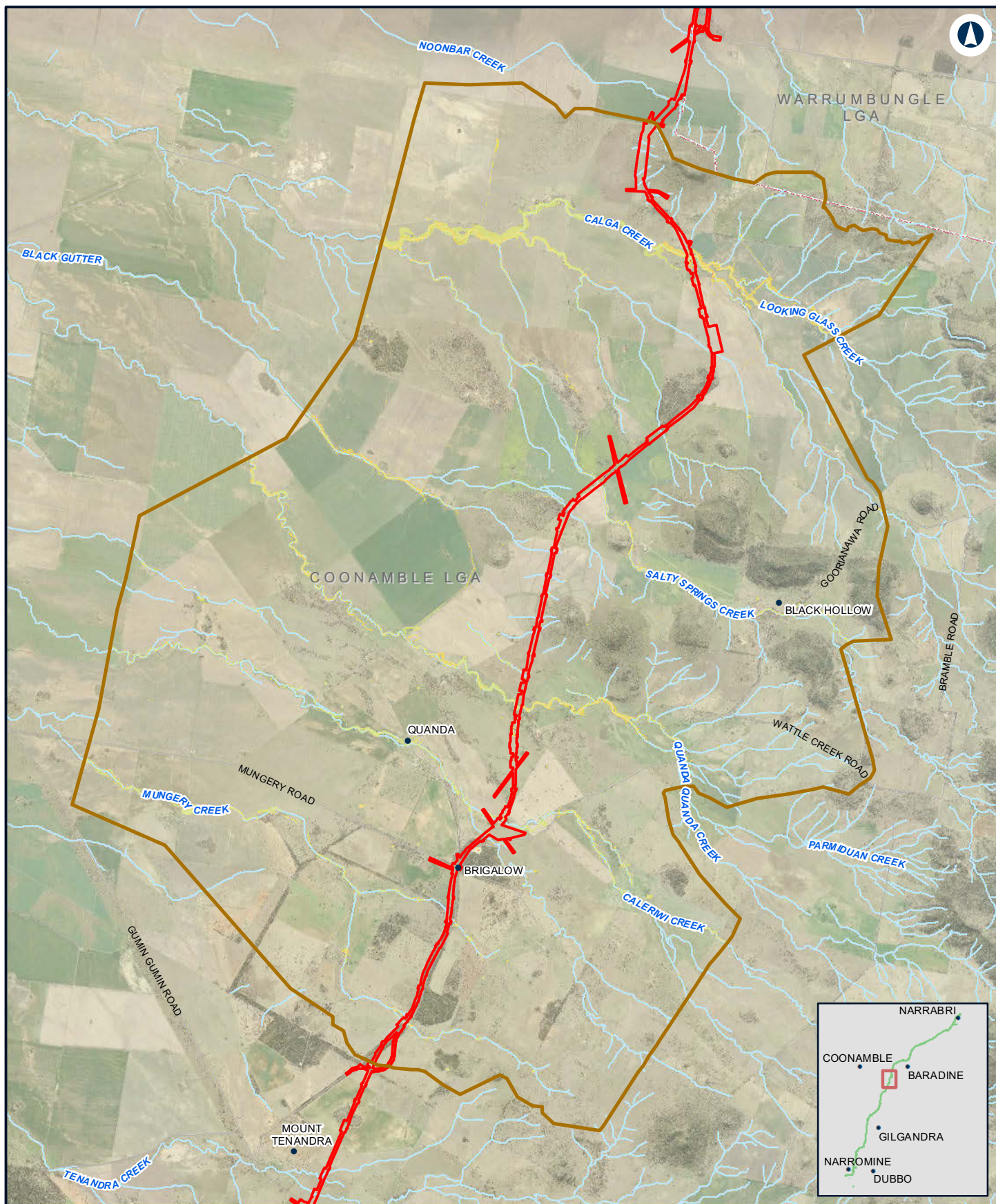
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N8

Appendix G - Figure 3.6g

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

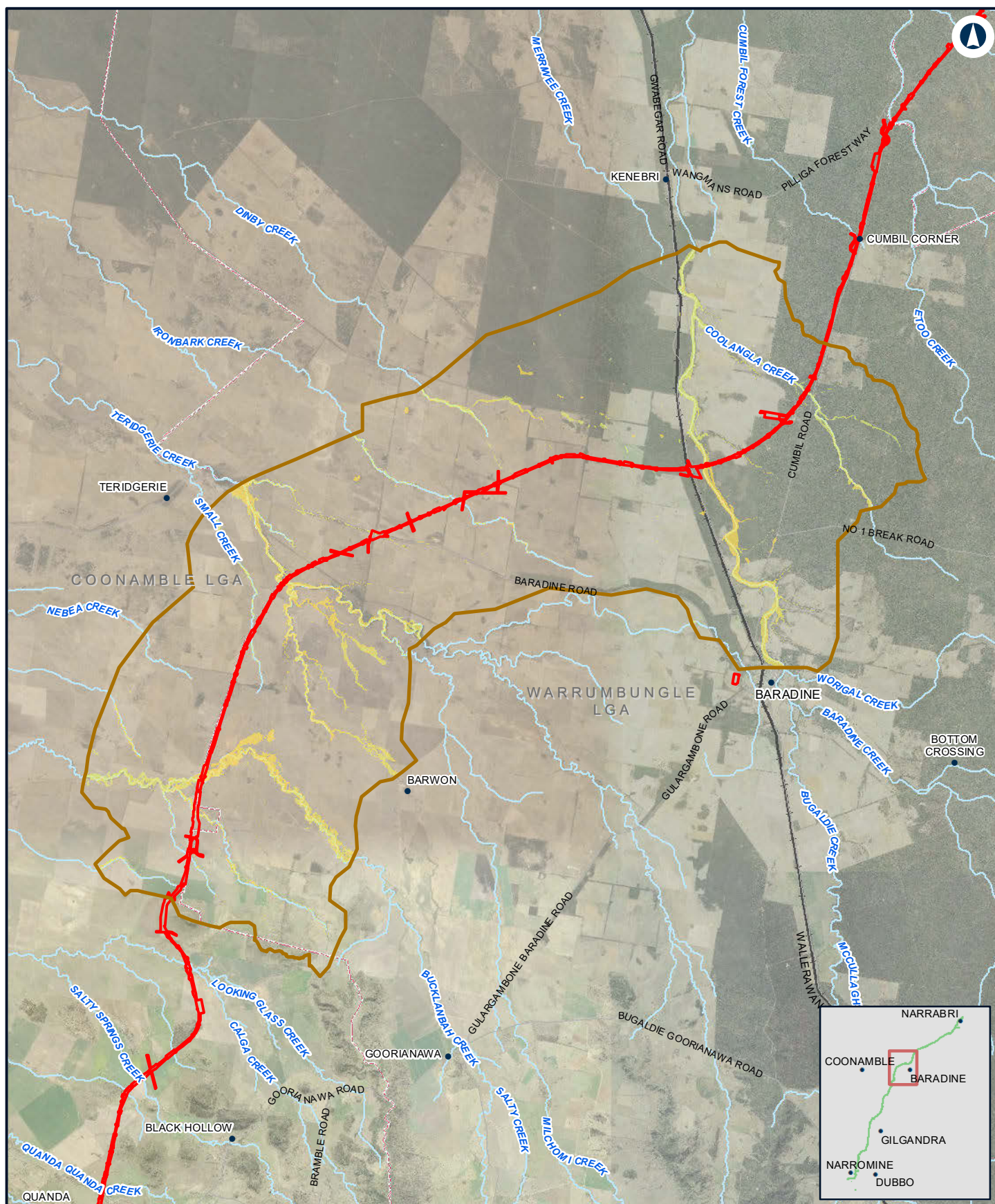
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N7

Appendix G - Figure 3.6h

0 2.5 5
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

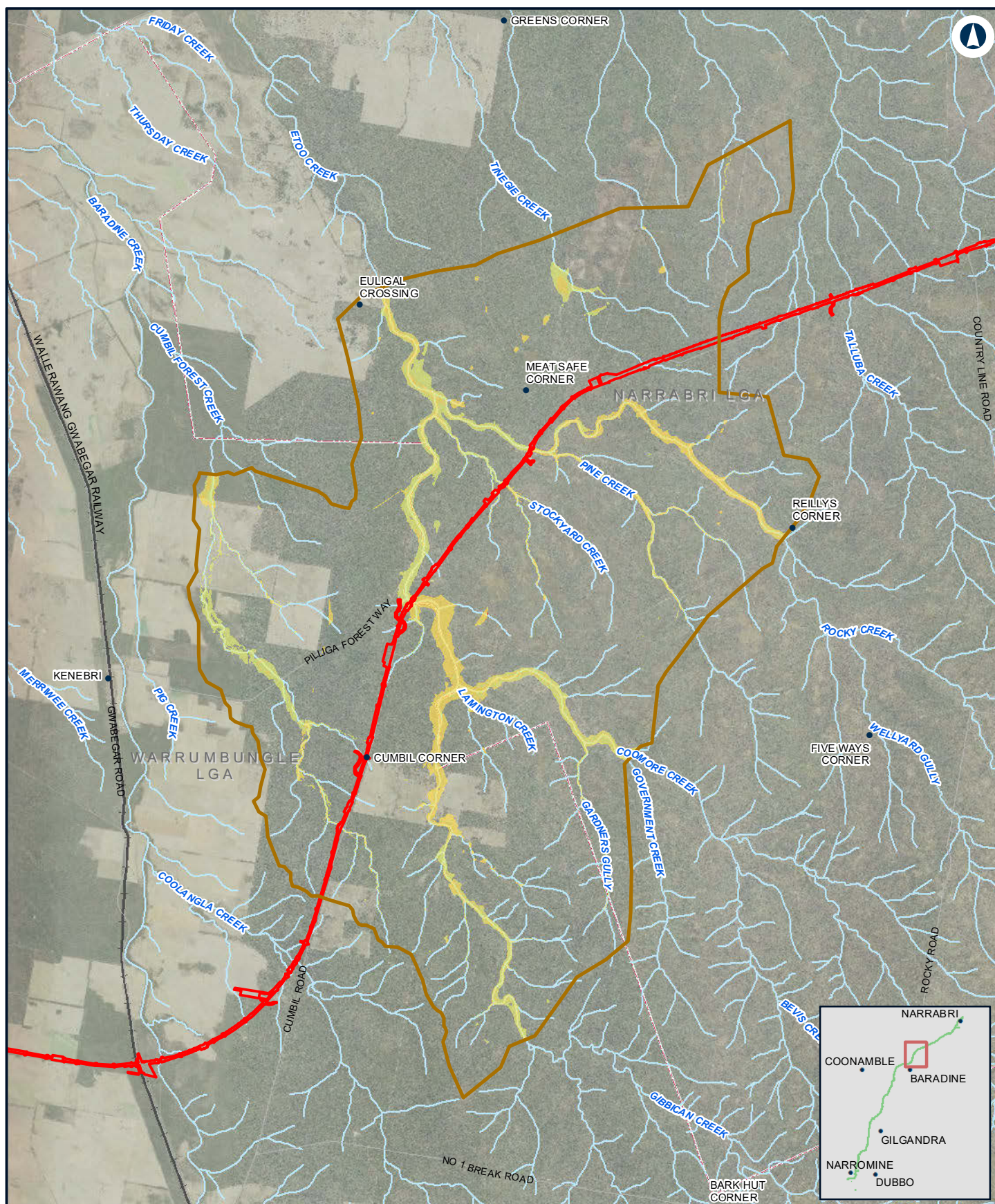
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N6

Appendix G - Figure 3.6i

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

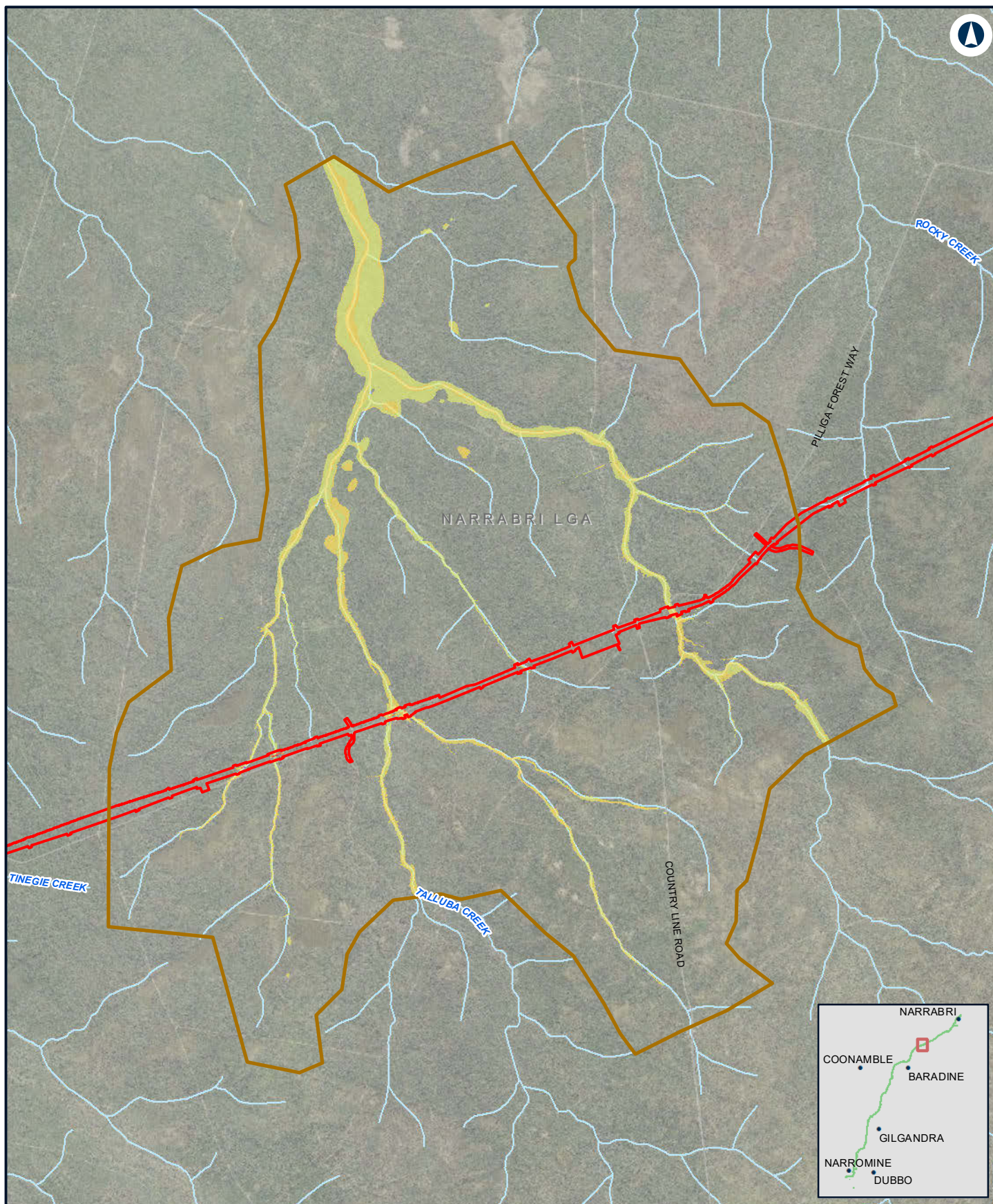
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N5

Appendix G - Figure 3.6j

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

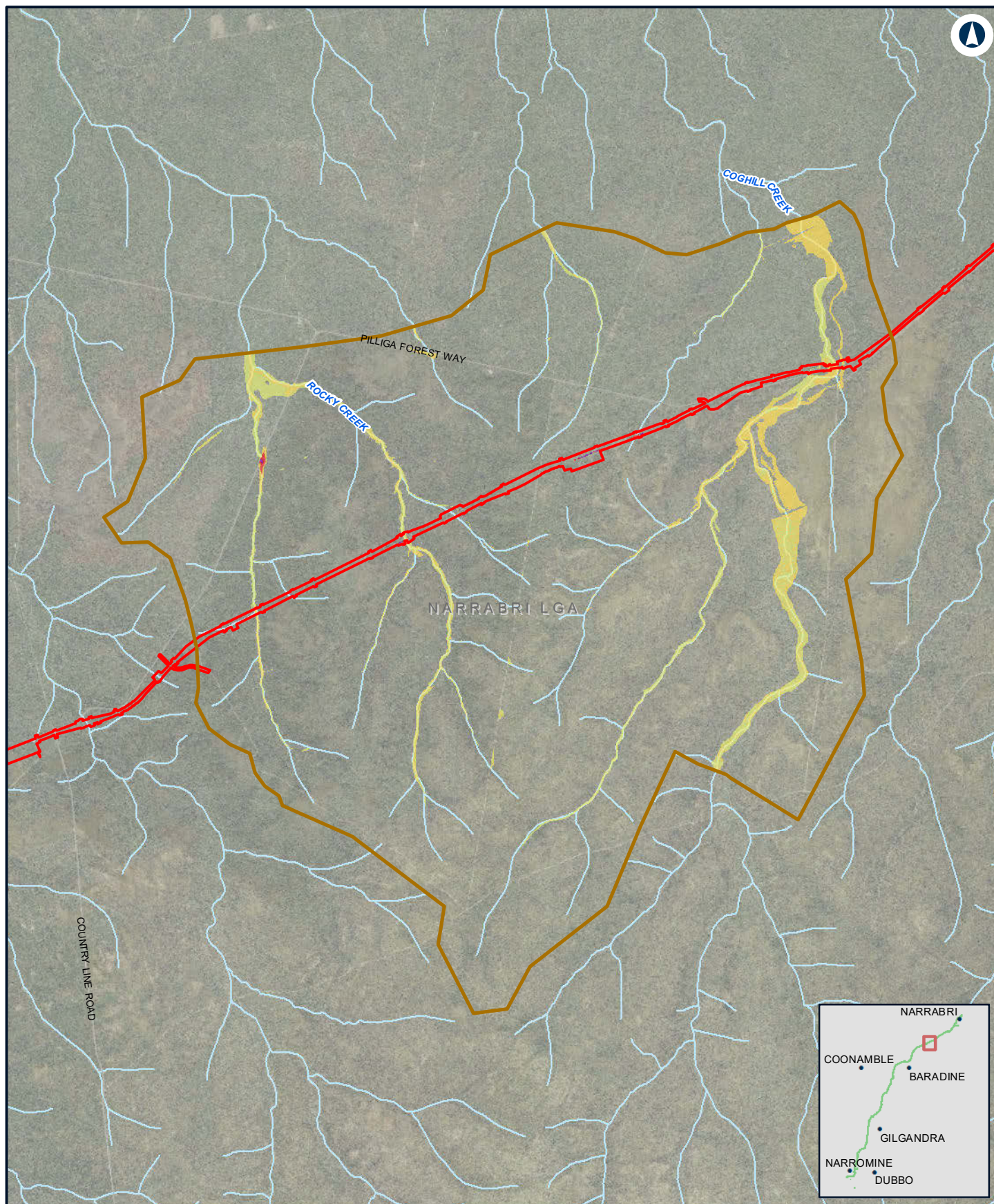
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N4

Appendix G - Figure 3.6k

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

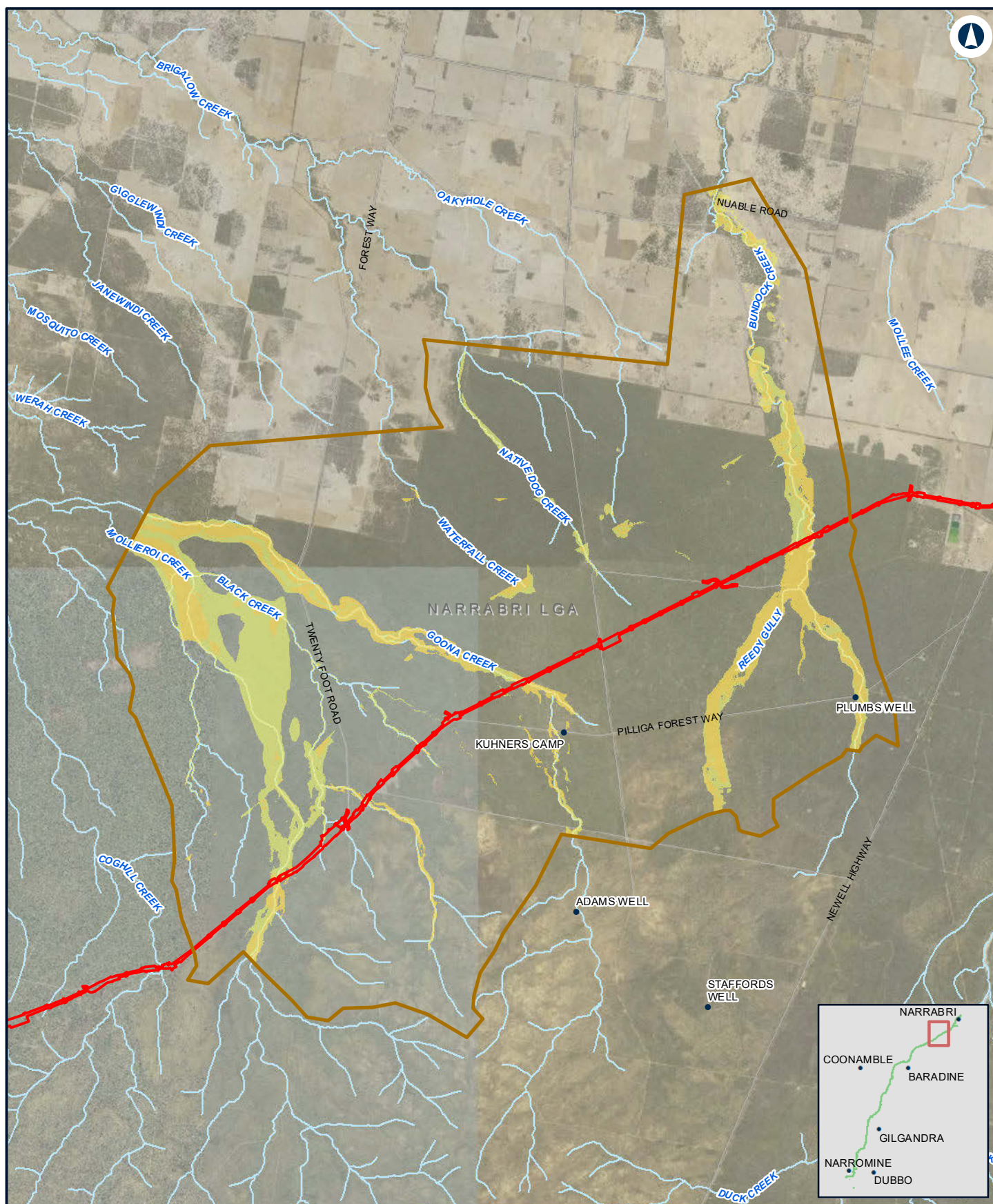
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARRABRI TO NARRABRI

Change in duration - 1% AEP - N2N23

Appendix G - Figure 3.6I

0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

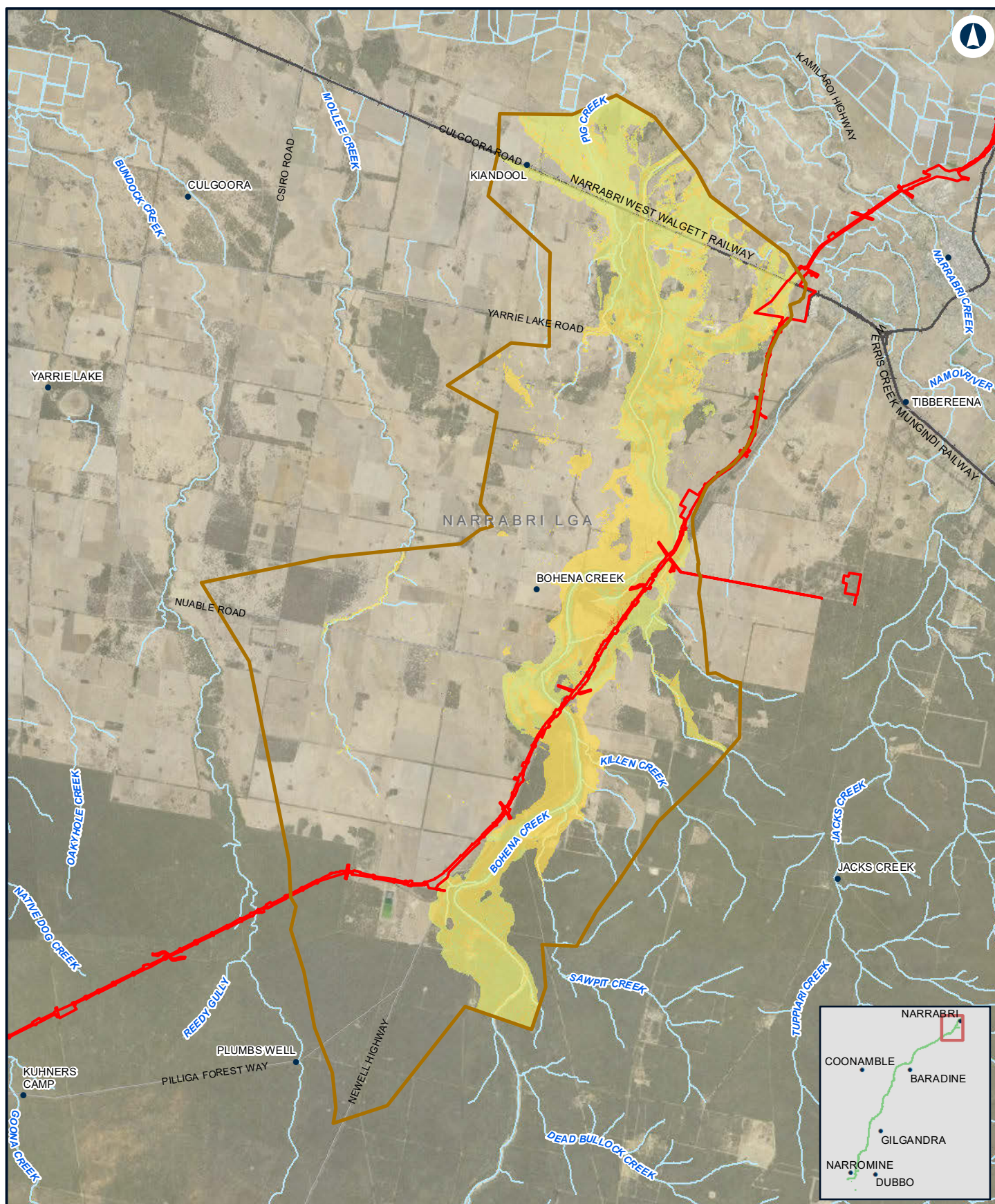
12 hr - 24 hr increase

> 24 hr increase

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - N2N1

Appendix G - Figure 3.6m

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

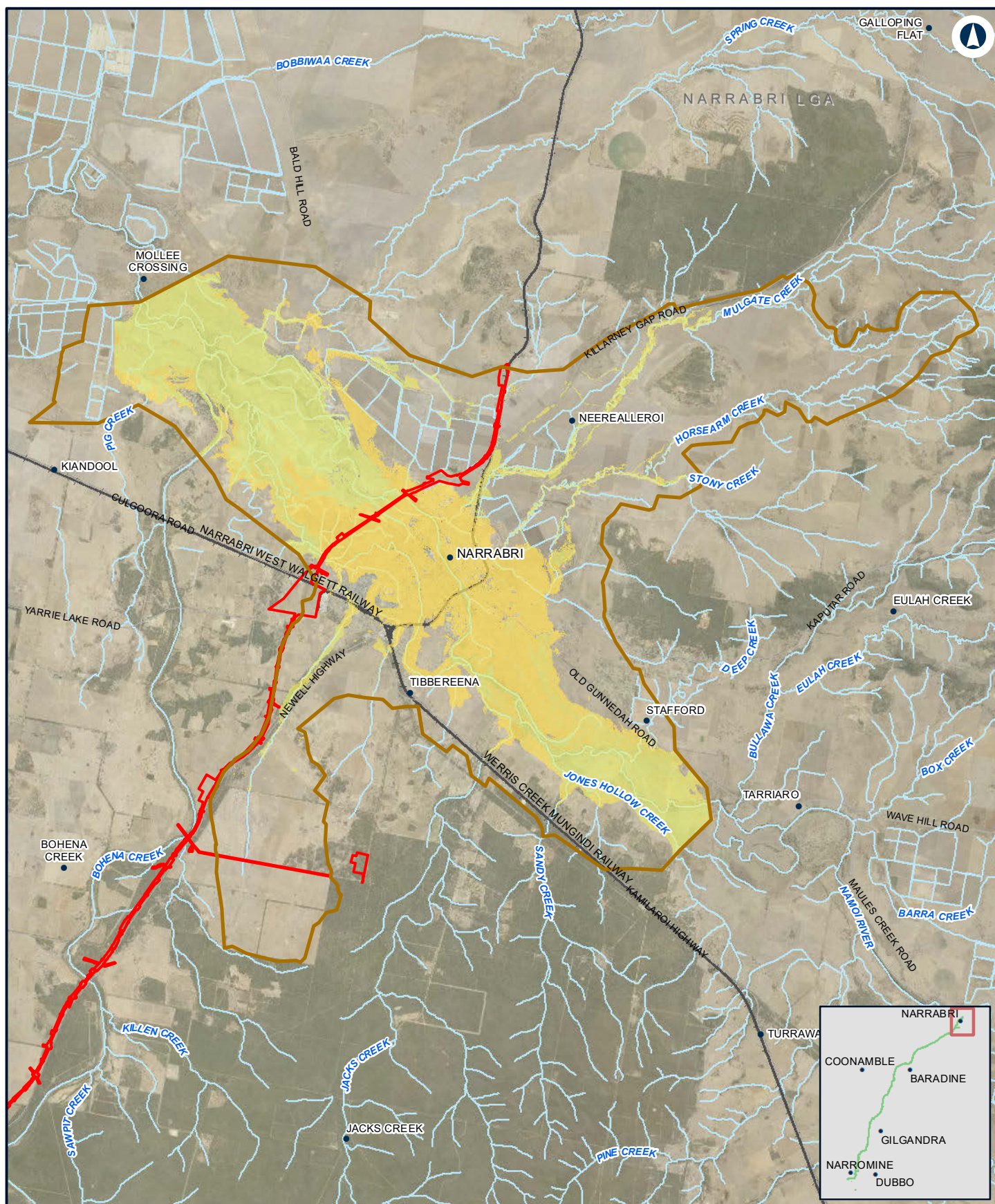
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 1% AEP - Narrabri

Appendix G - Figure 3.6n

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

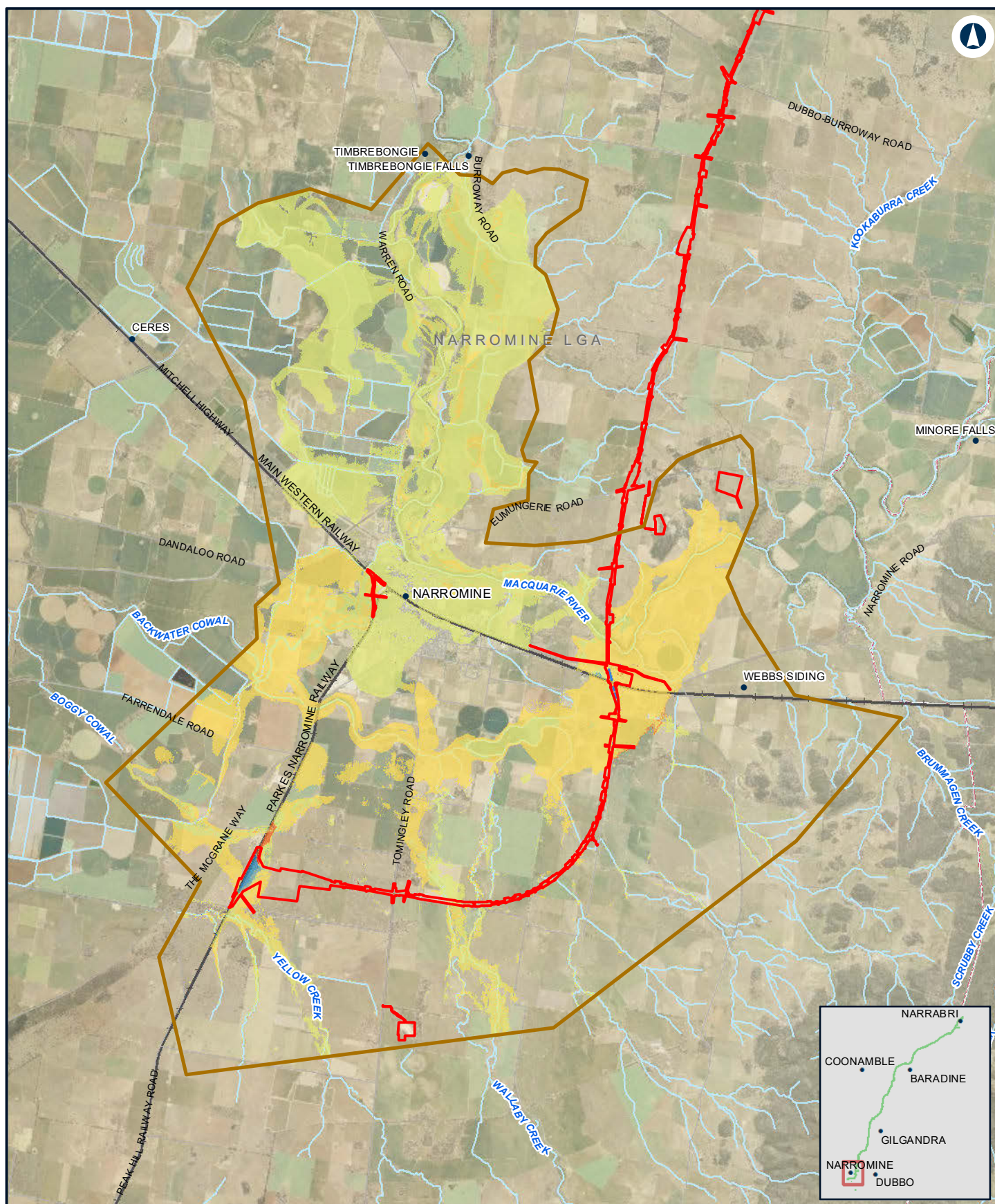
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - NFM

Appendix G - Figure 3.7a

0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

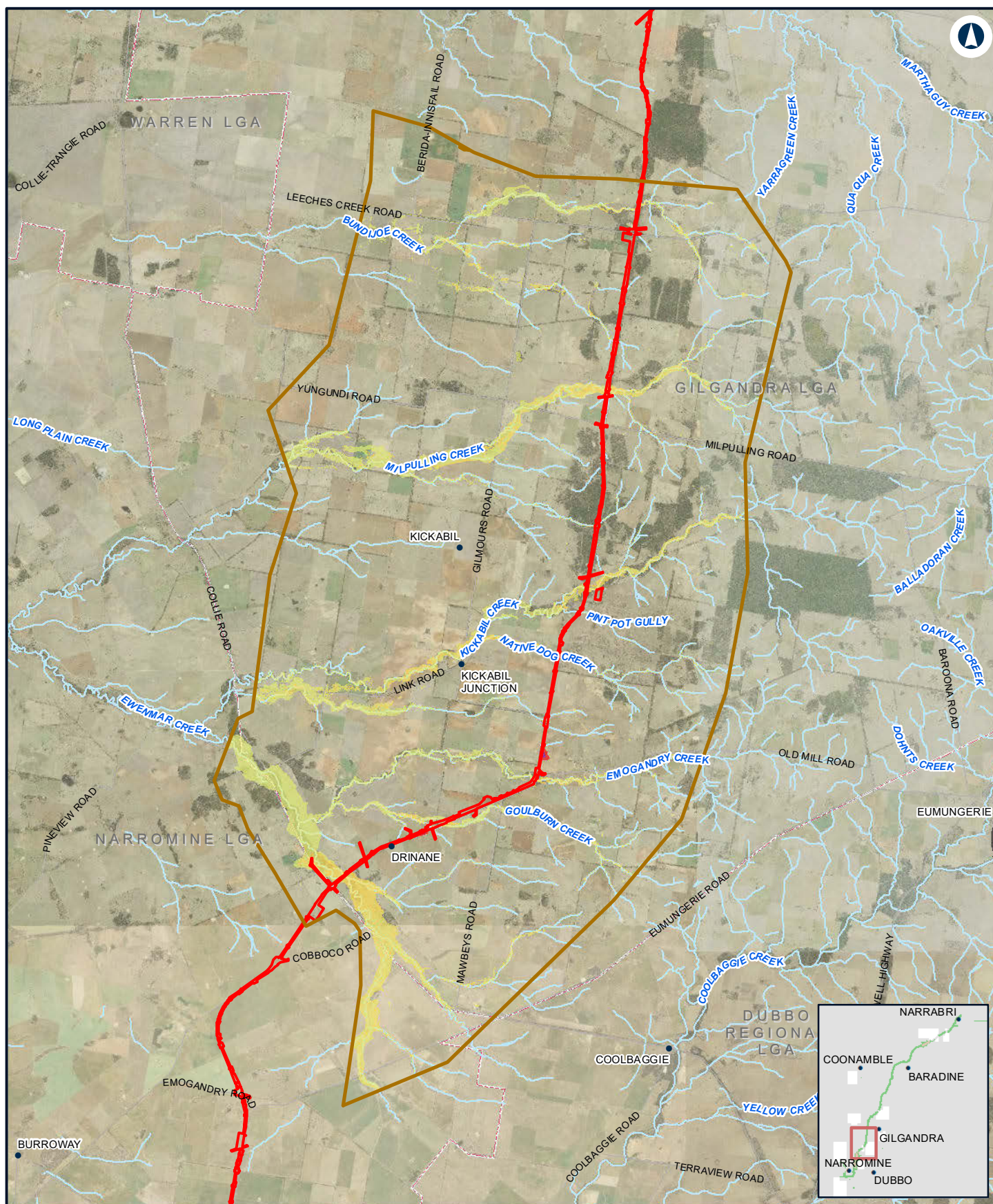
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N13

Appendix G - Figure 3.7c

0 2.5 5 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

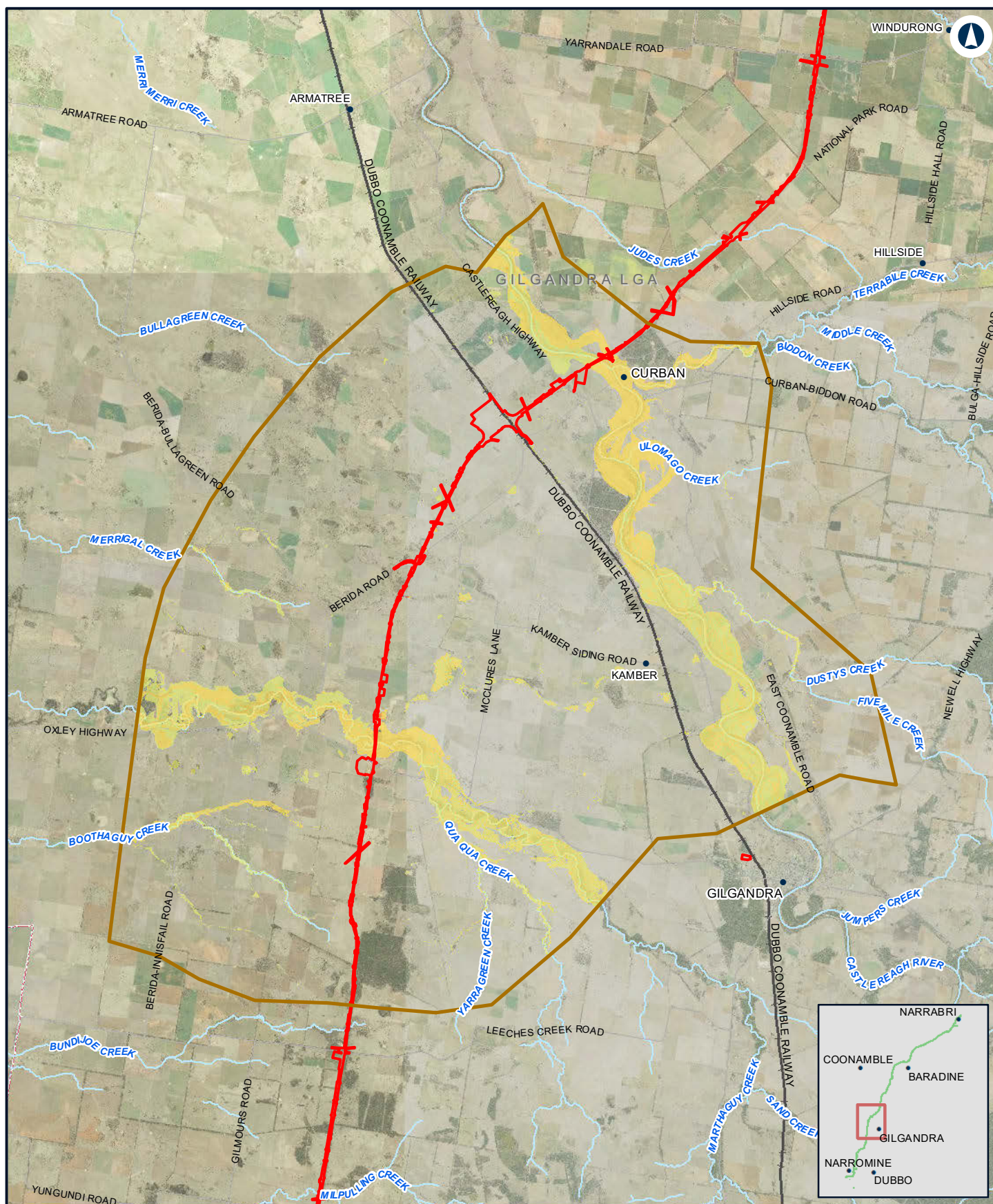
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N11N12

Appendix G - Figure 3.7d

0 2.5 5
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

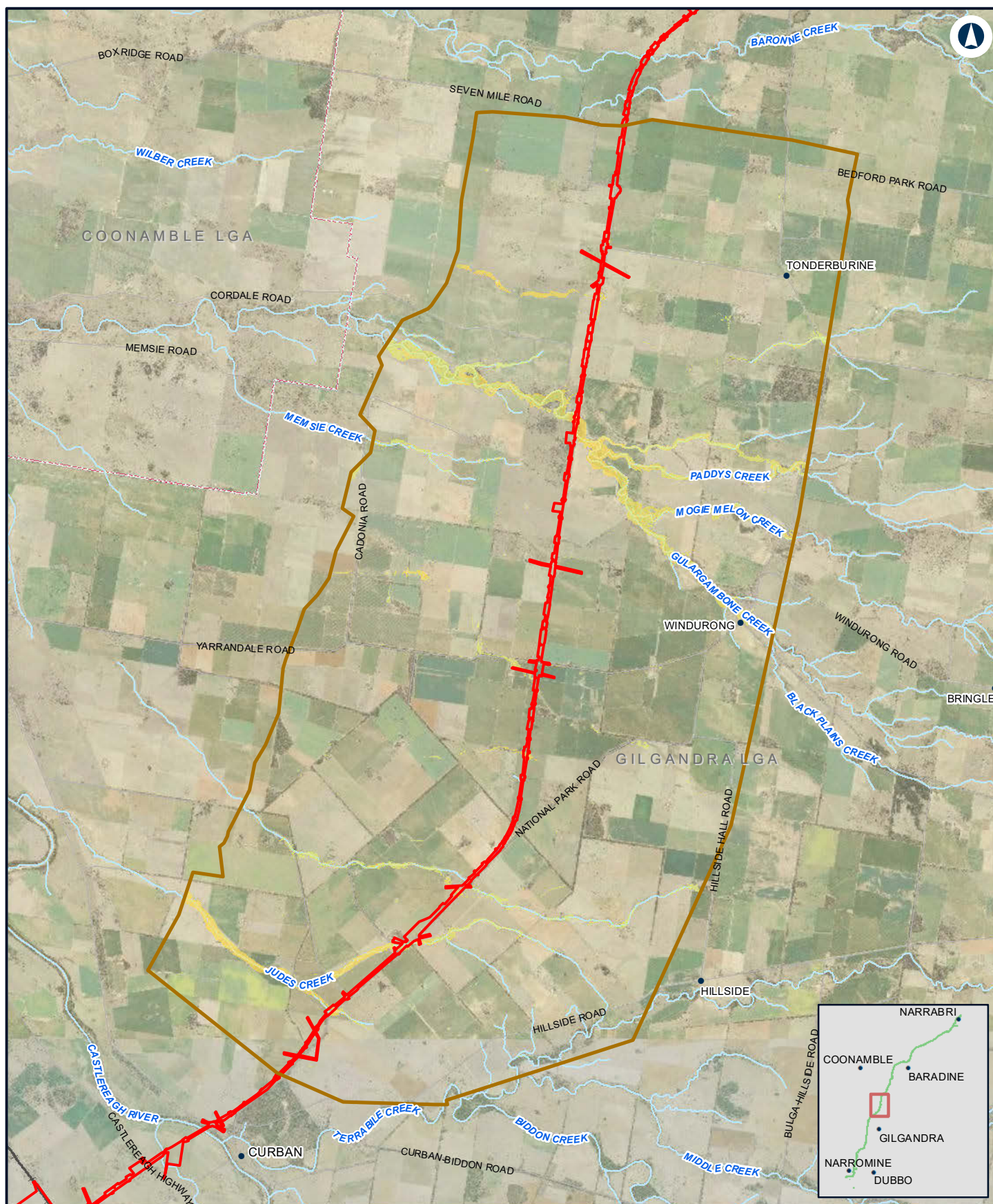
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N10

Appendix G - Figure 3.7e

0 1.5 3
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

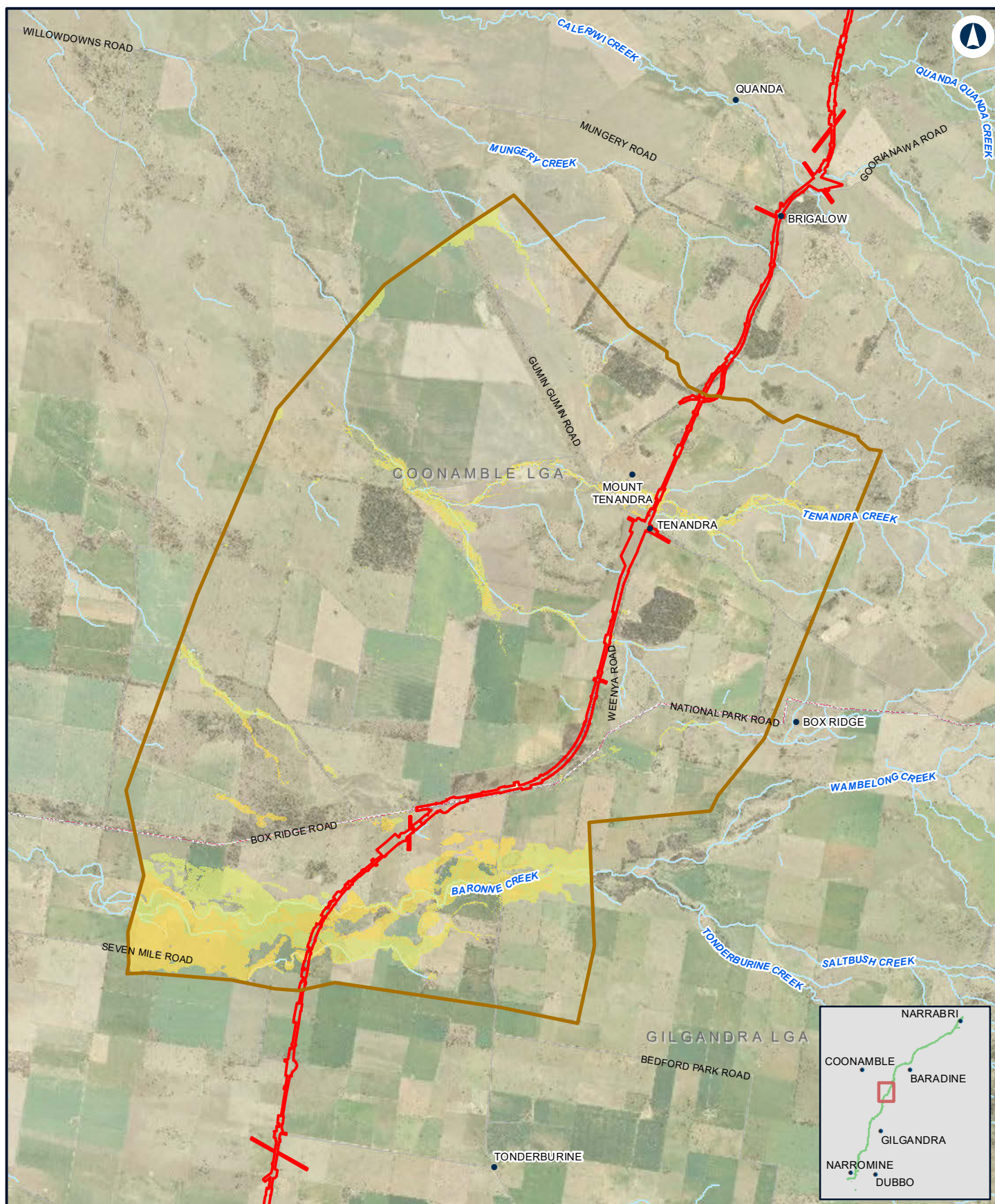
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N9

Appendix G - Figure 3.7f

0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

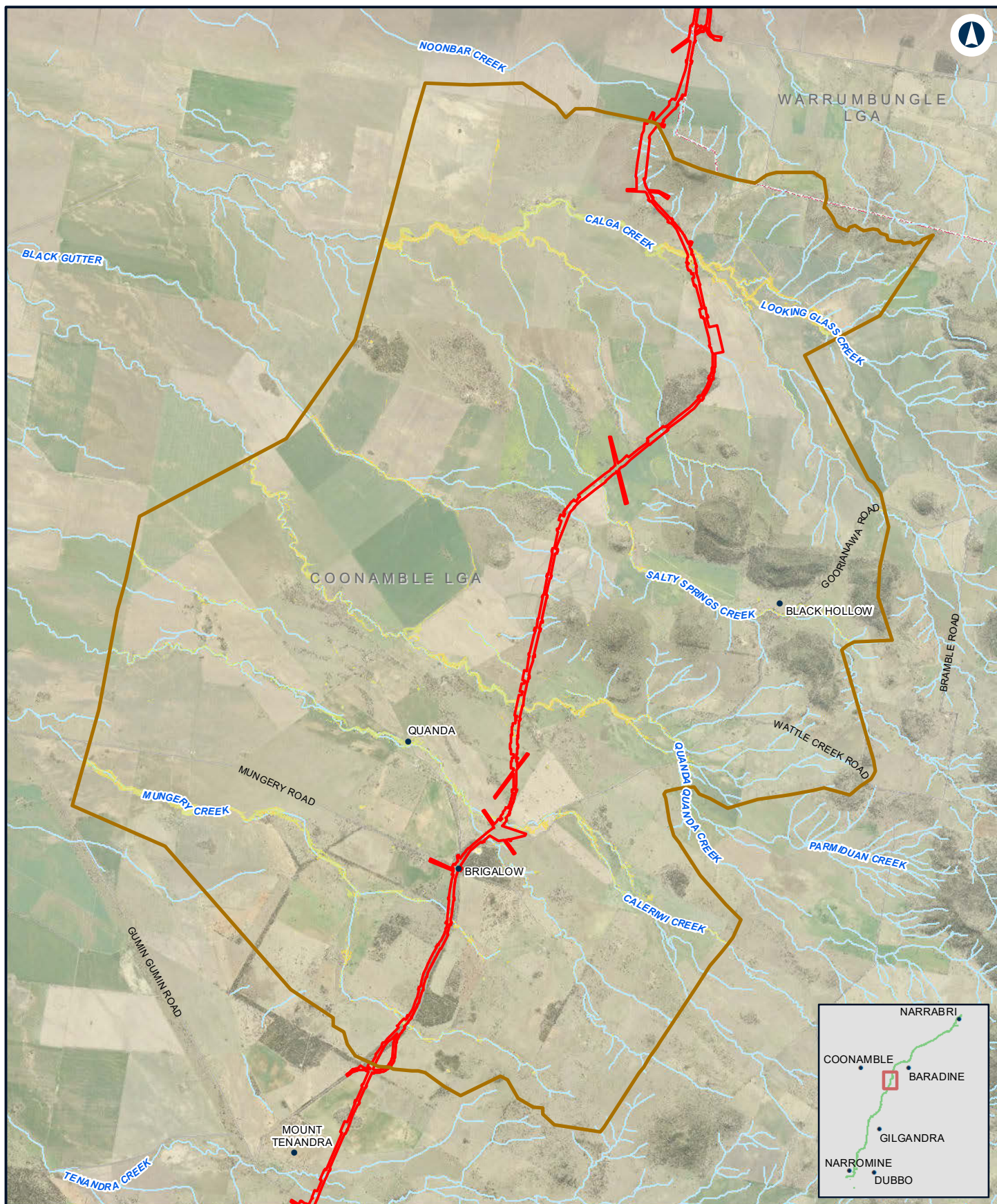
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



Narromine to Narrabri

Flood impact 0.5% AEP - duration - N2N8

Appendix G - Figure 3.7g

0 1 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

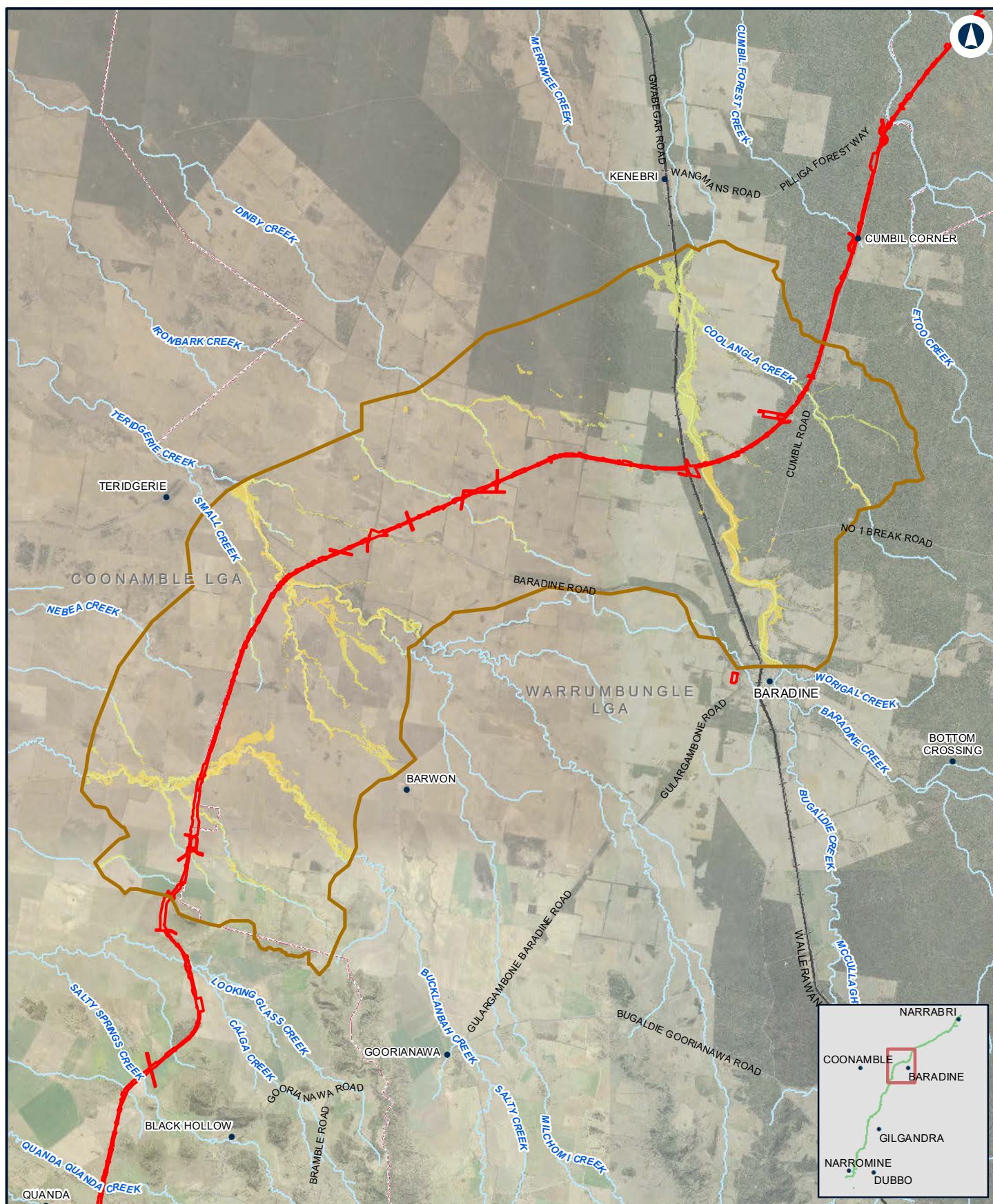
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N7

Appendix G - Figure 3.7h

0 2.5 5
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

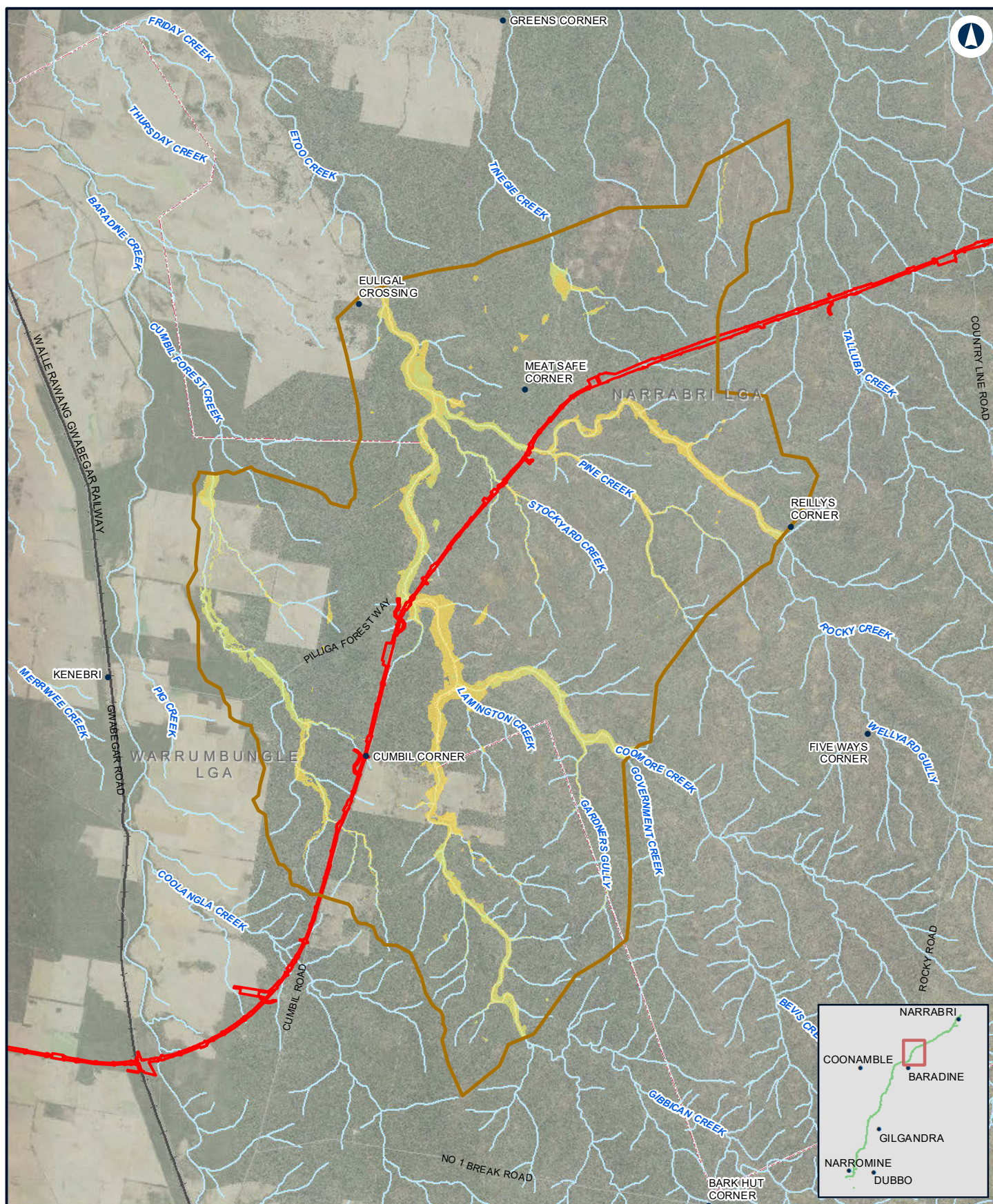
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N6

Appendix G - Figure 3.7i

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

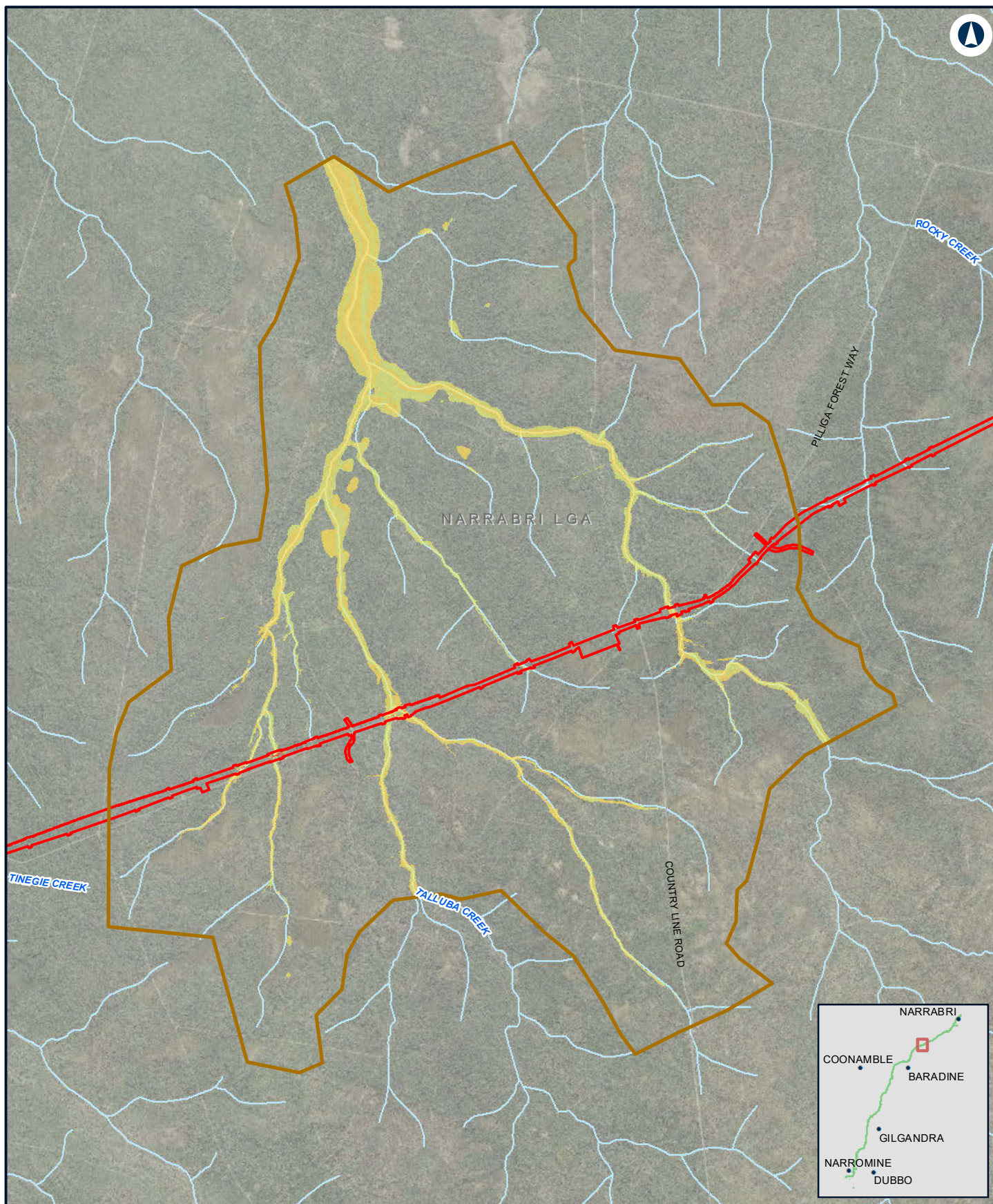
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N5

Appendix G - Figure 3.7j

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

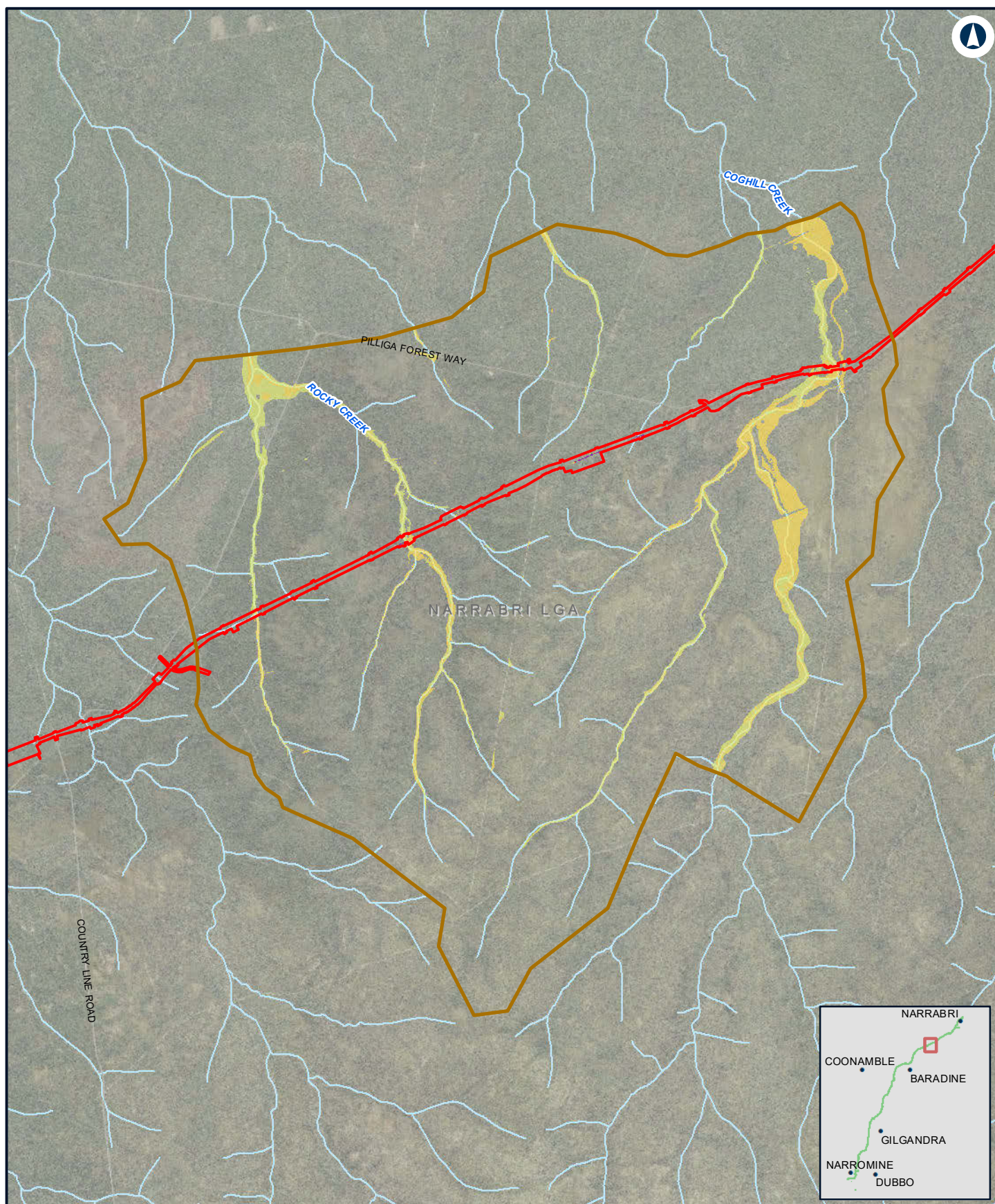
- The proposal site
- Model boundary

Duration Change

- | | |
|--|---|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | > 24 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N4

Appendix G - Figure 3.7k

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

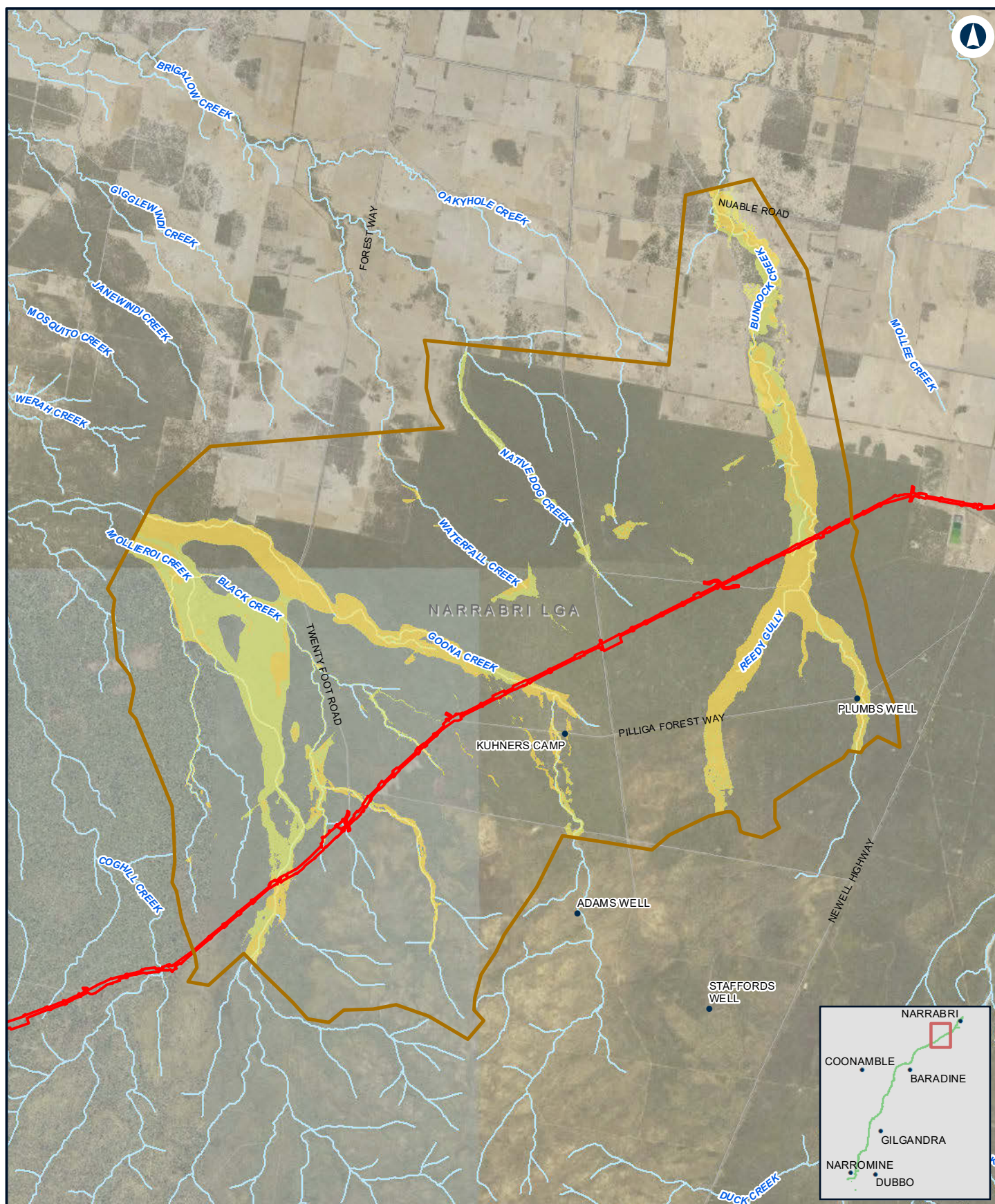
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N23

Appendix G - Figure 3.7I

0 1.5 3
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

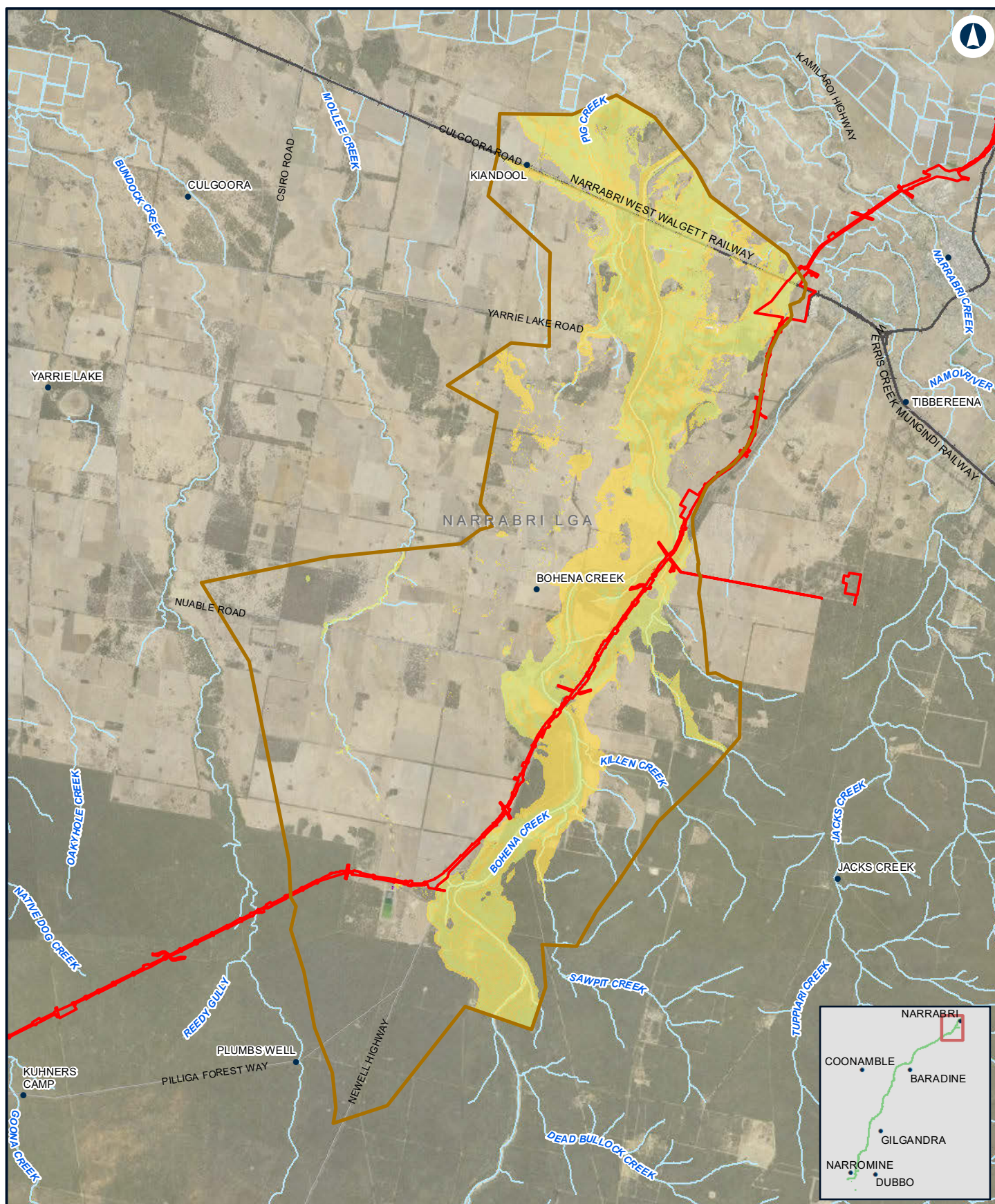
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - N2N1

Appendix G - Figure 3.7m

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

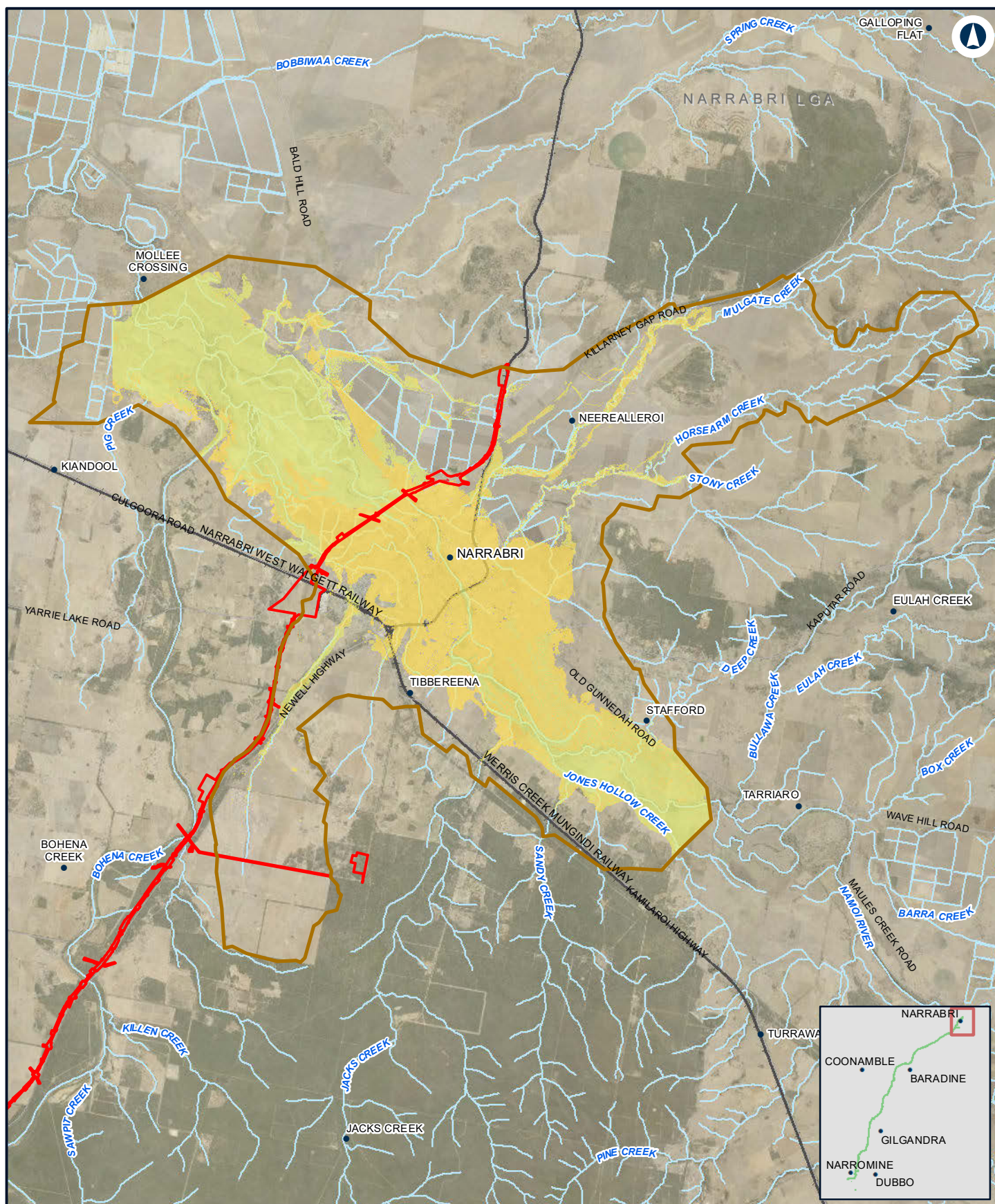
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Flood impact 0.5% AEP - duration - Narrabri

Appendix G - Figure 3.7n

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

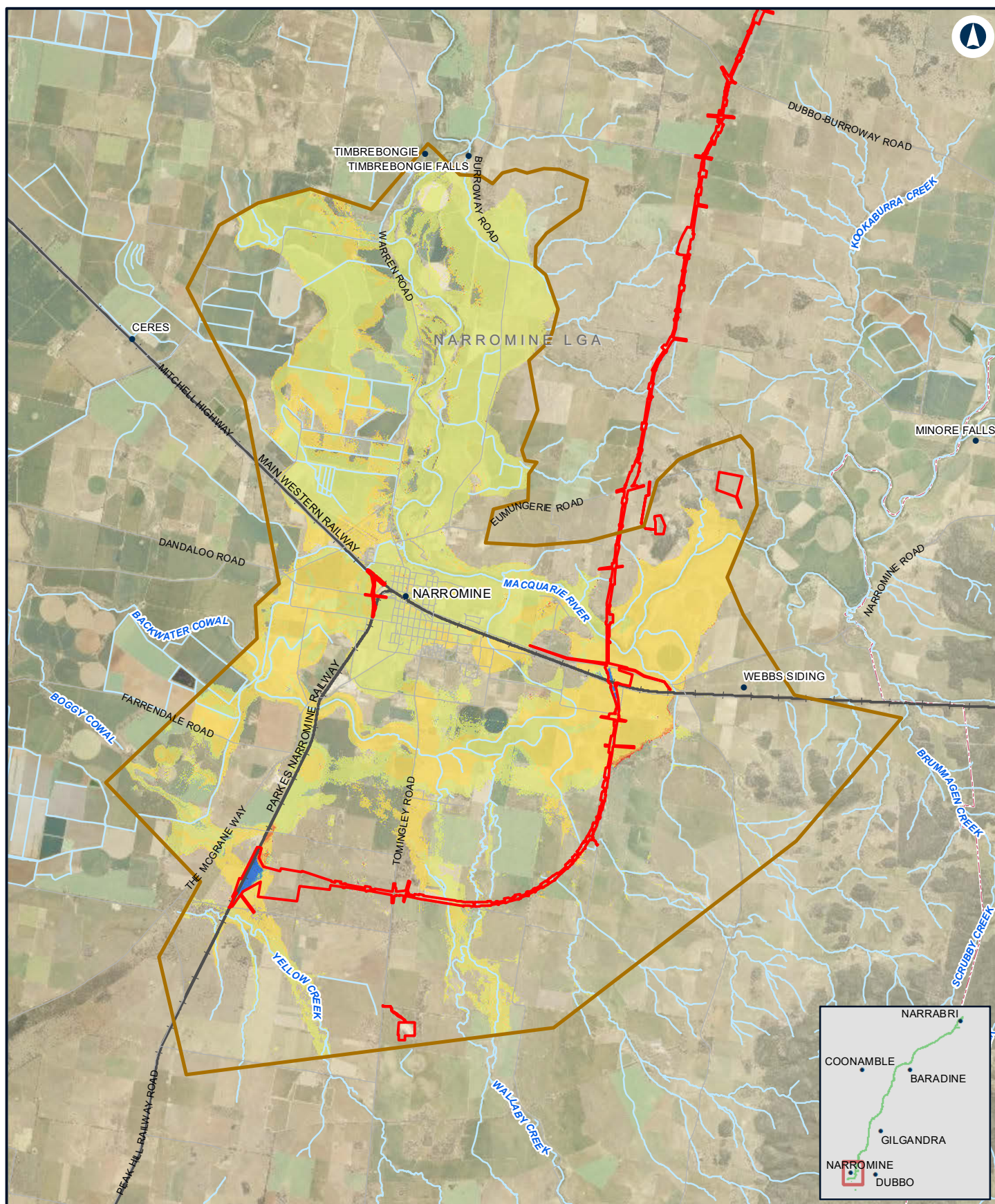
12 hr - 24 hr increase

> 24 hr increase

INLAND RAIL

ARTC

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



0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

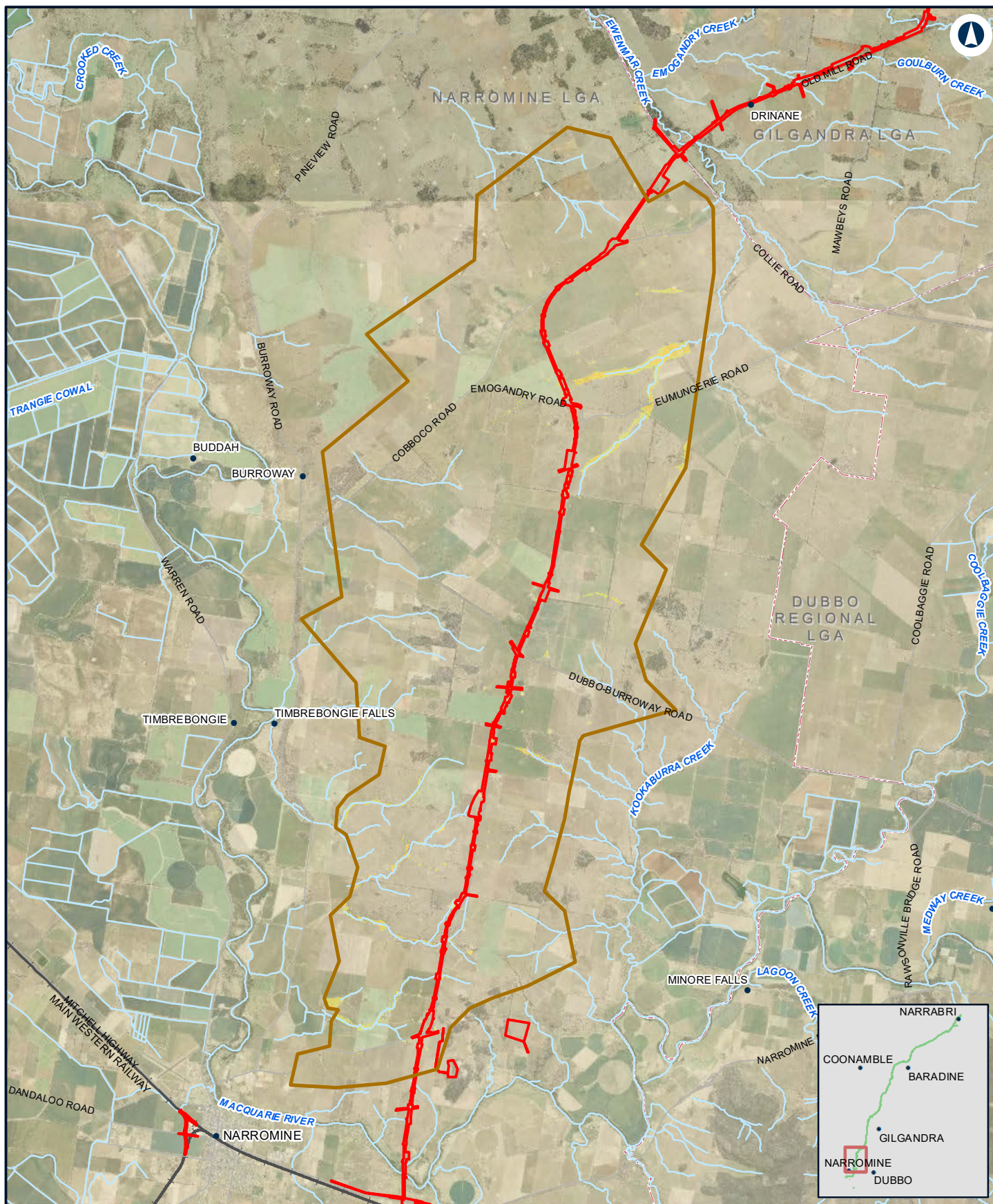
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N14

Appendix G - Figure 3.8b

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

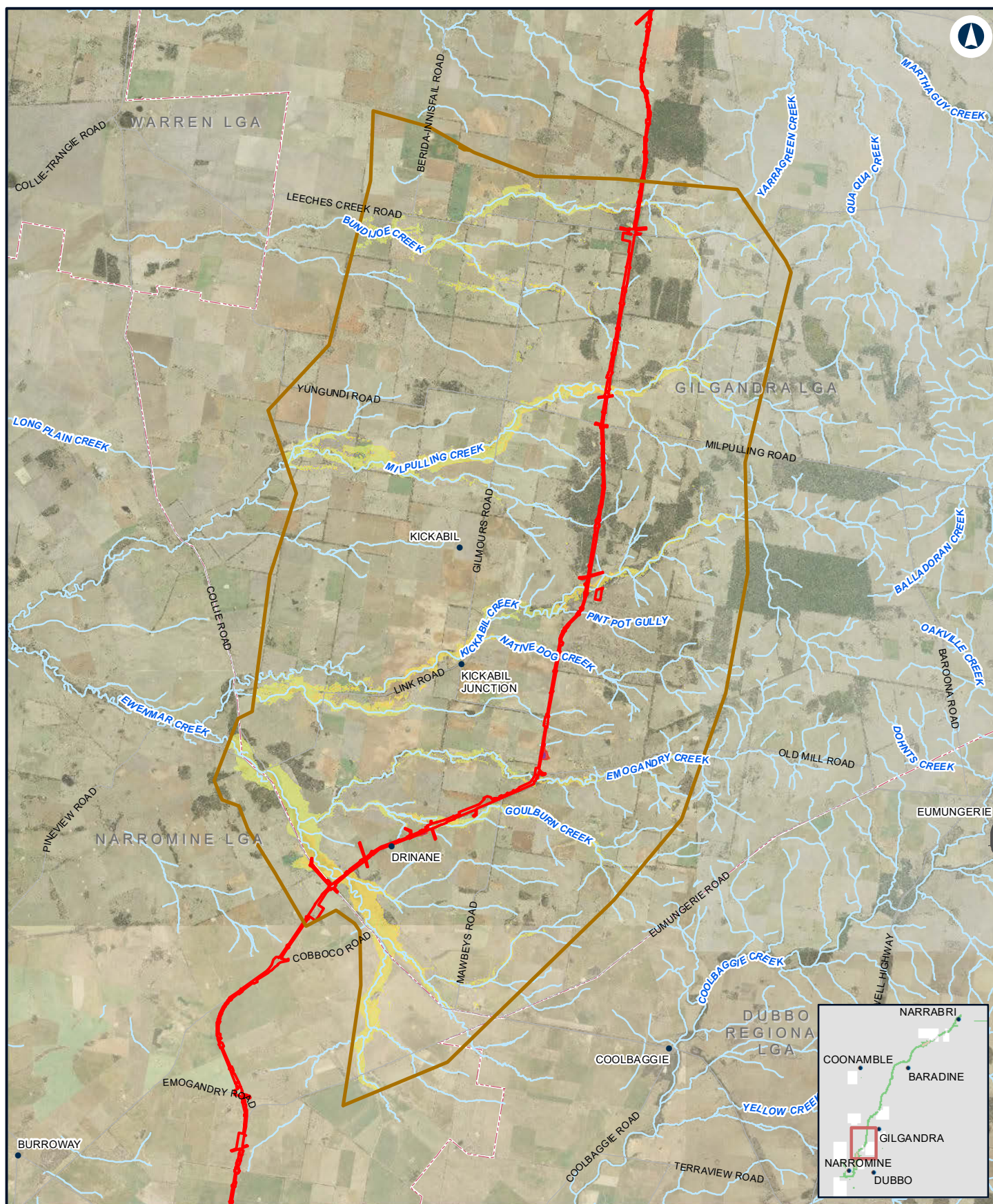
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



0 2.5 5 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

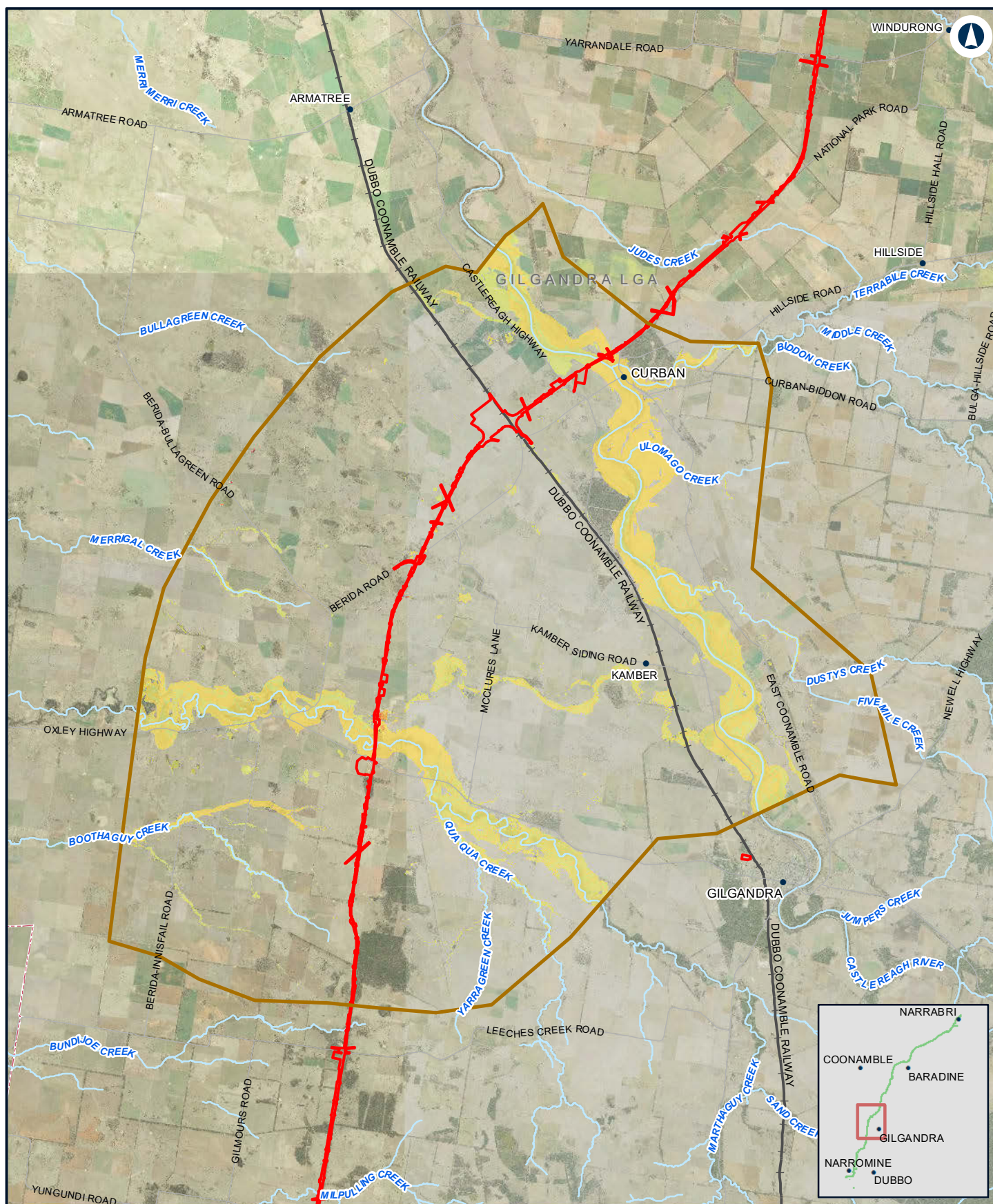
 6 hr - 12 hr increase

 12 hr - 24 hr increase

 > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N11N12

Appendix G - Figure 3.8d

0 2.5 5
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

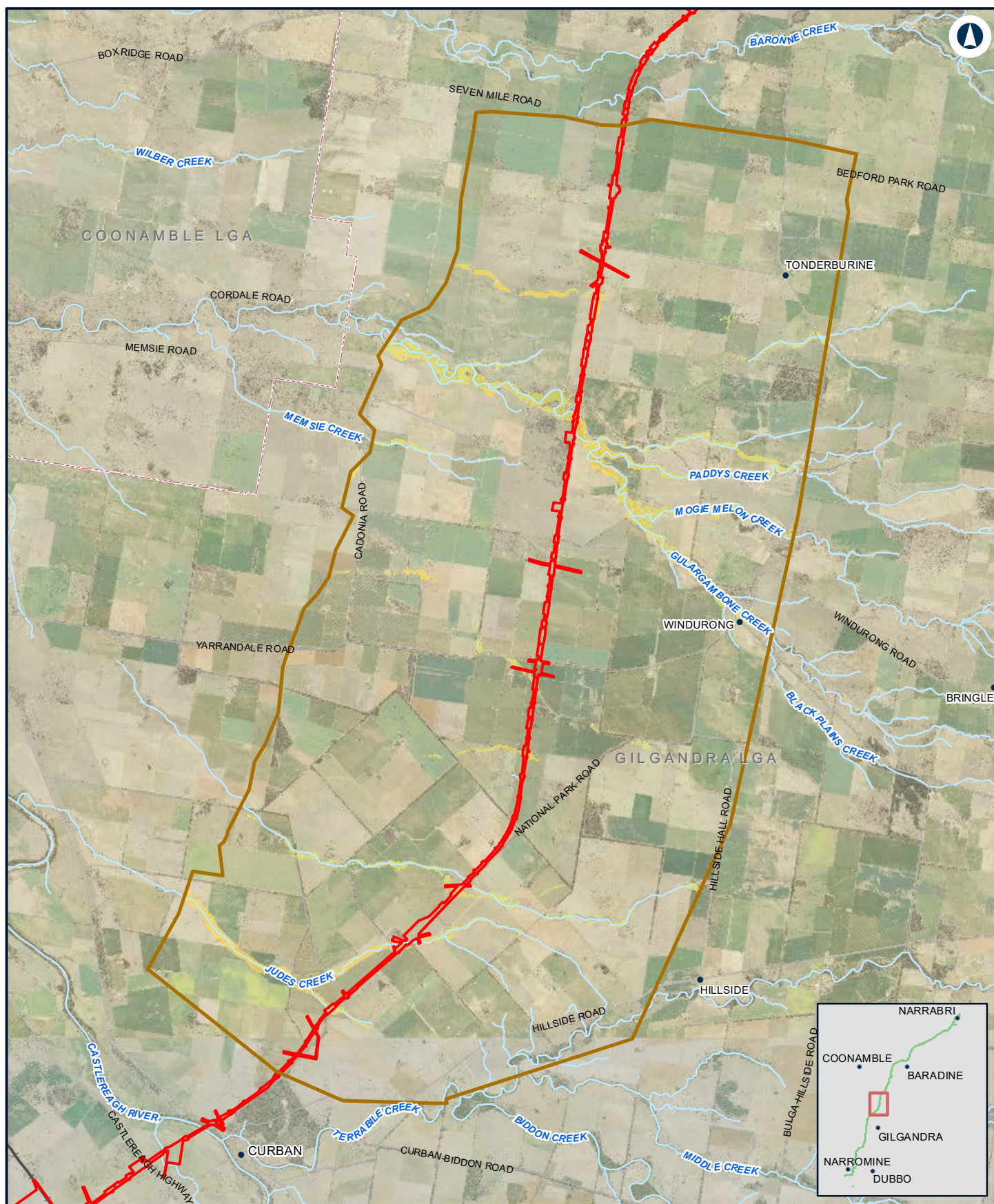
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N10

Appendix G - Figure 3.8e

0 1.5 3
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

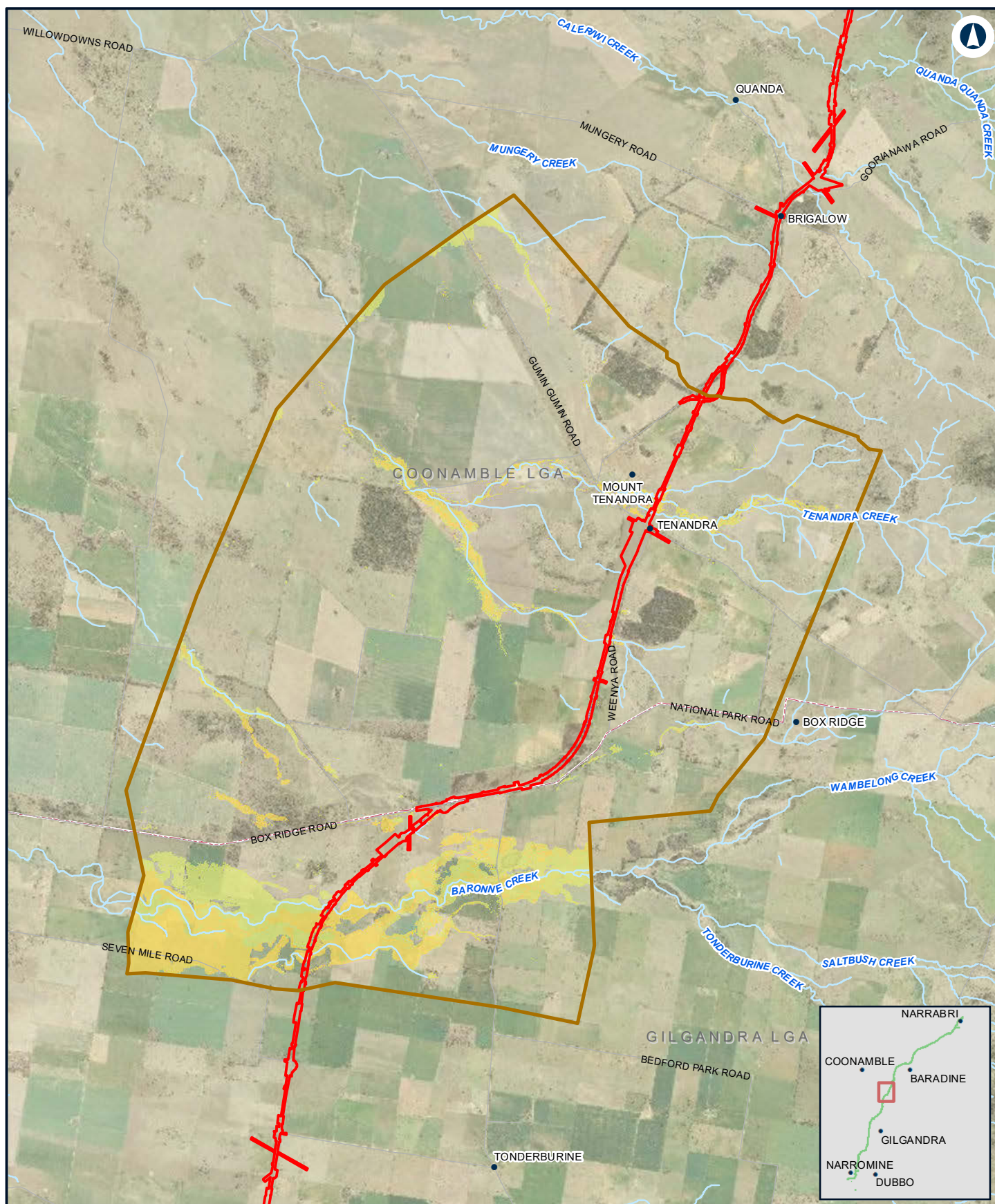
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N9

Appendix G - Figure 3.8f

0 1.5 3 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

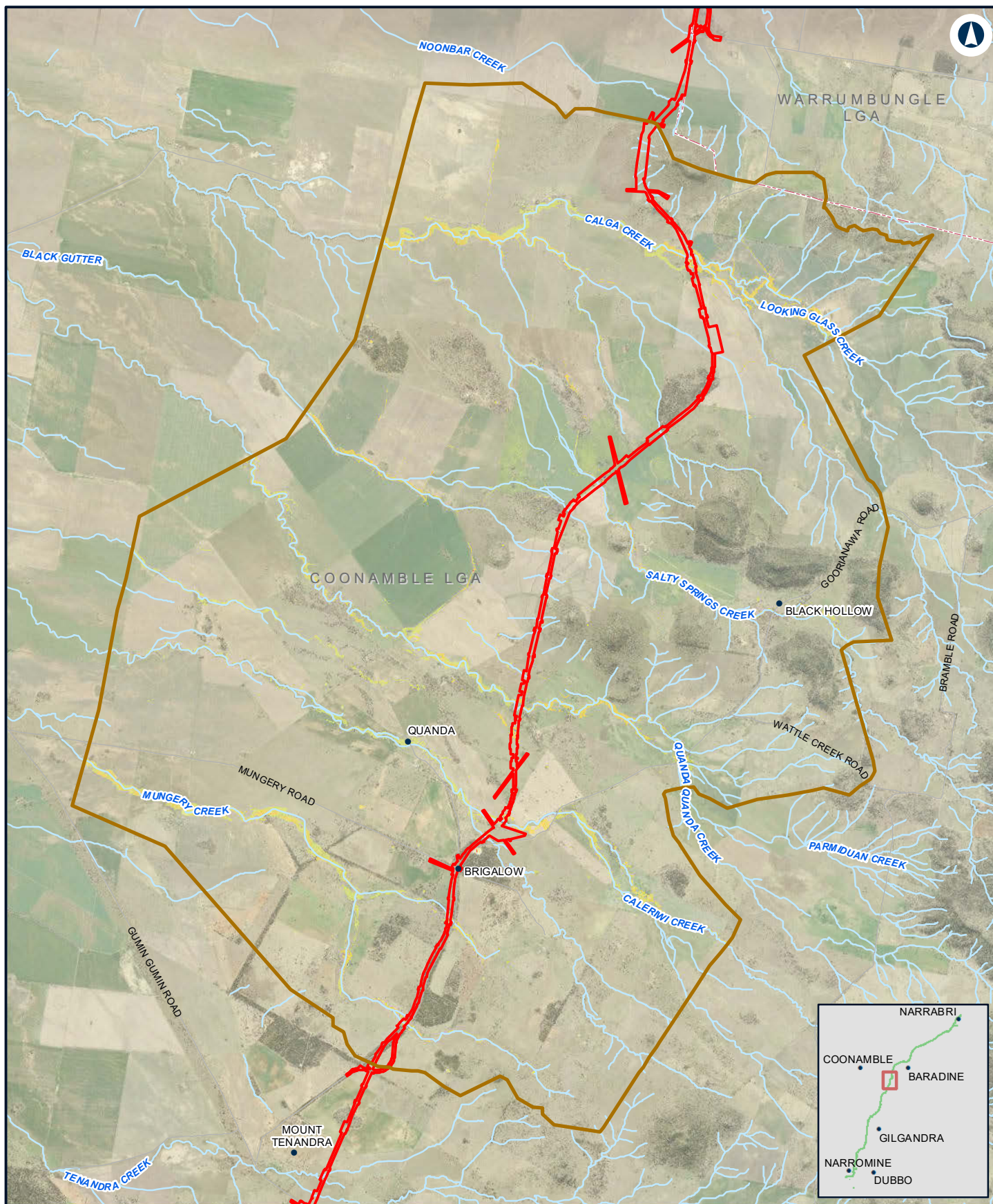
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N8

Appendix G - Figure 3.8g

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

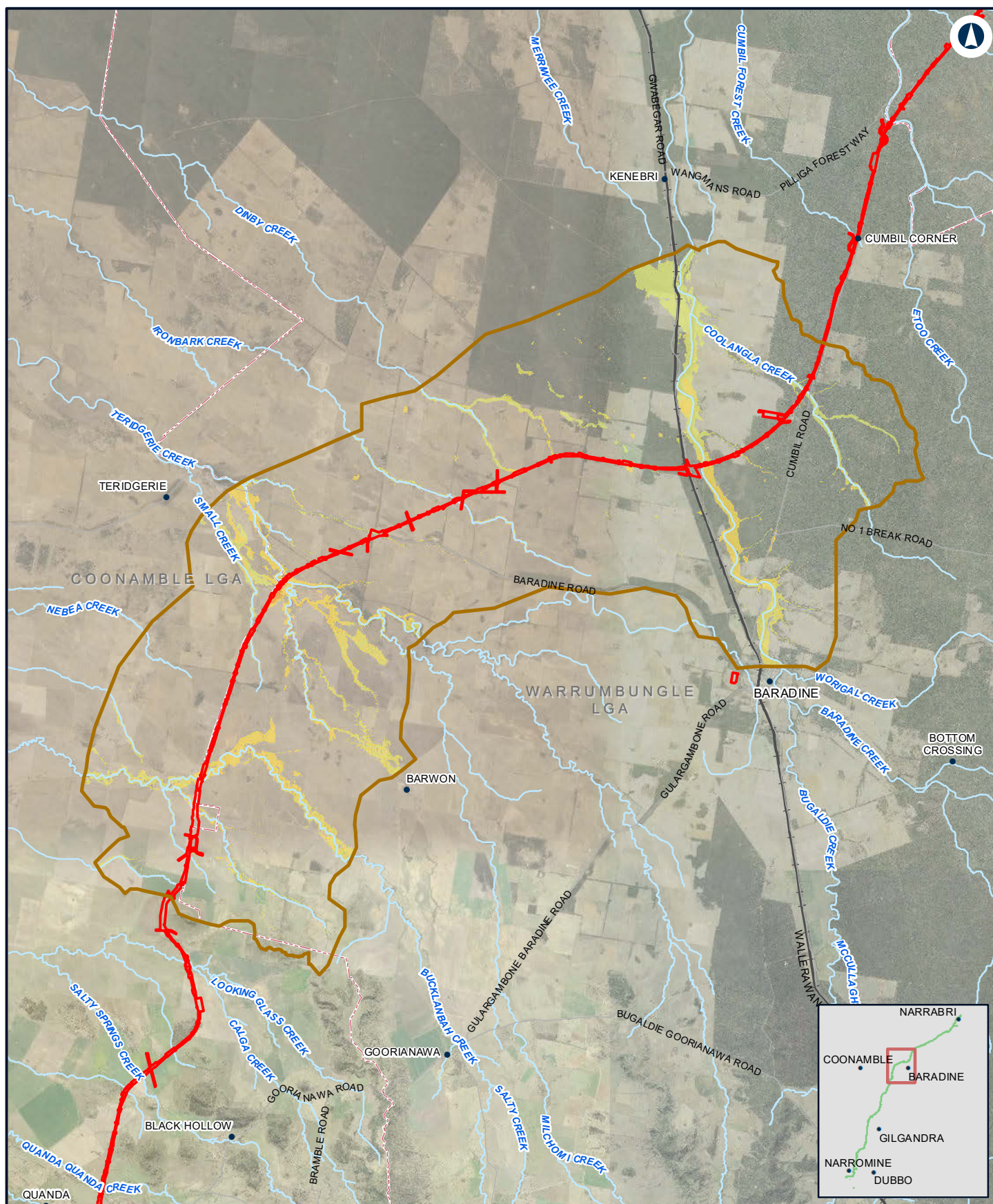
6 hr - 12 hr increase

12 hr - 24 hr increase

> 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N7

Appendix G - Figure 3.8h

0 2.5 5
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

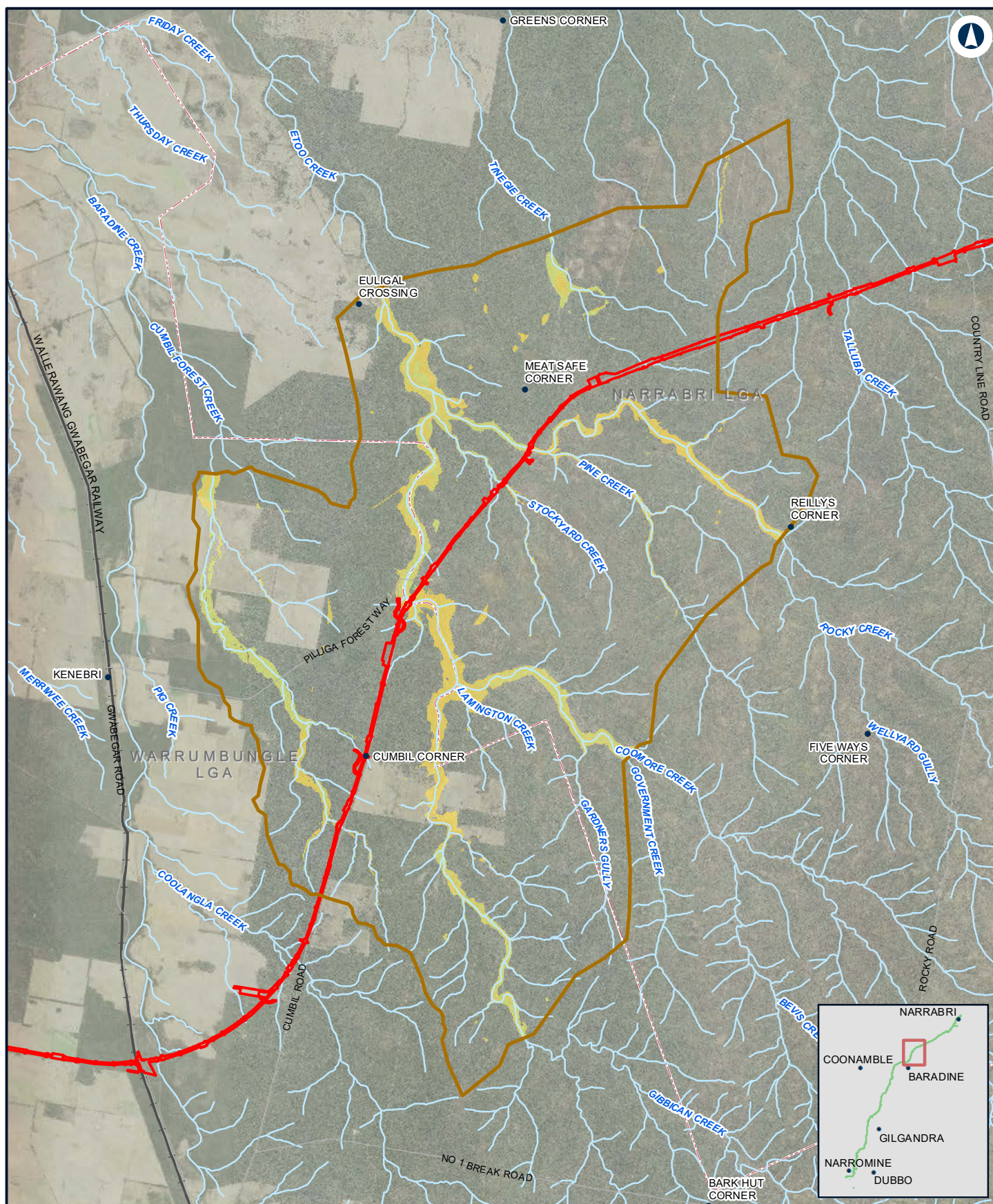
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N6

Appendix G - Figure 3.8i

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

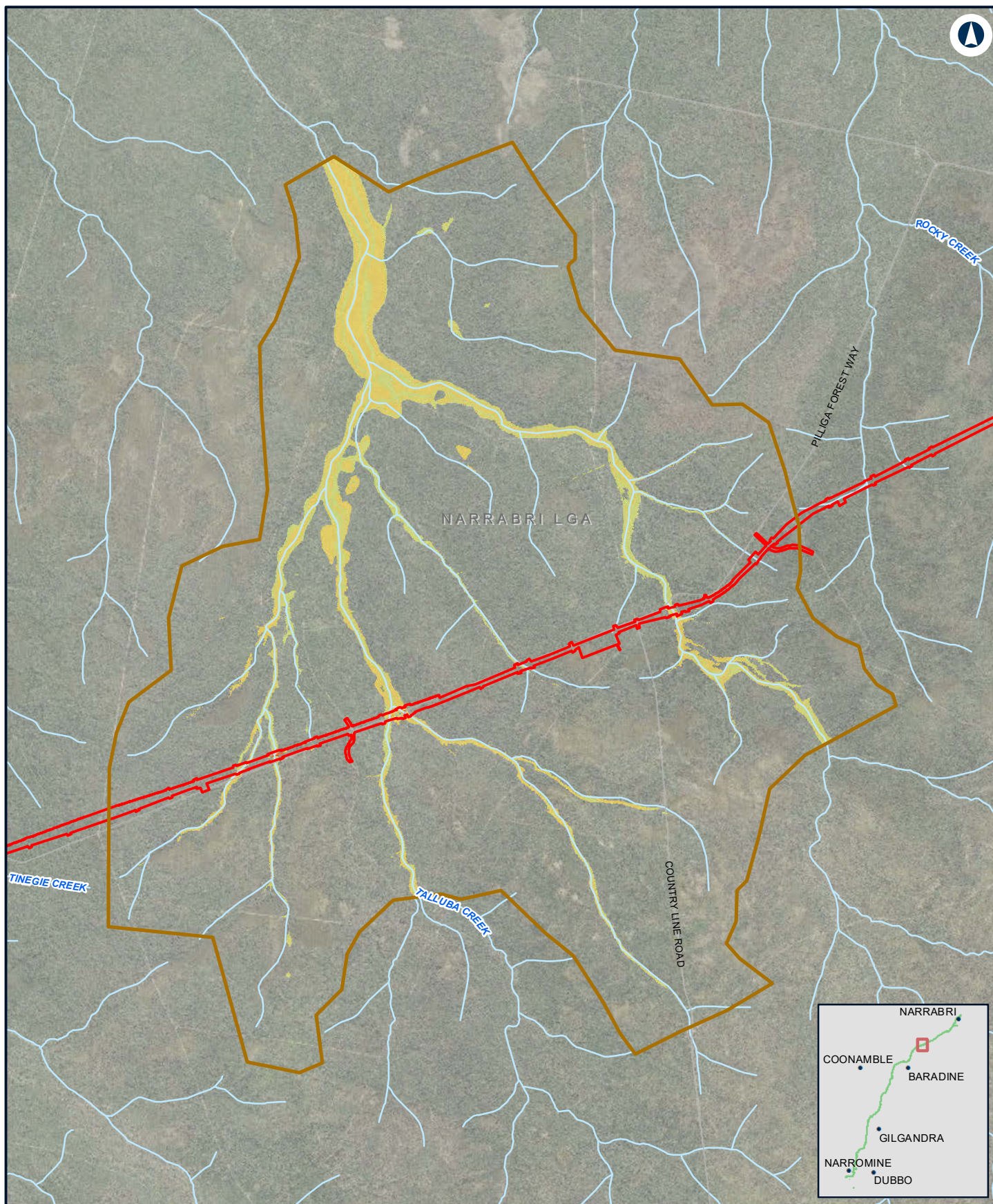
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N5

Appendix G - Figure 3.8j

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

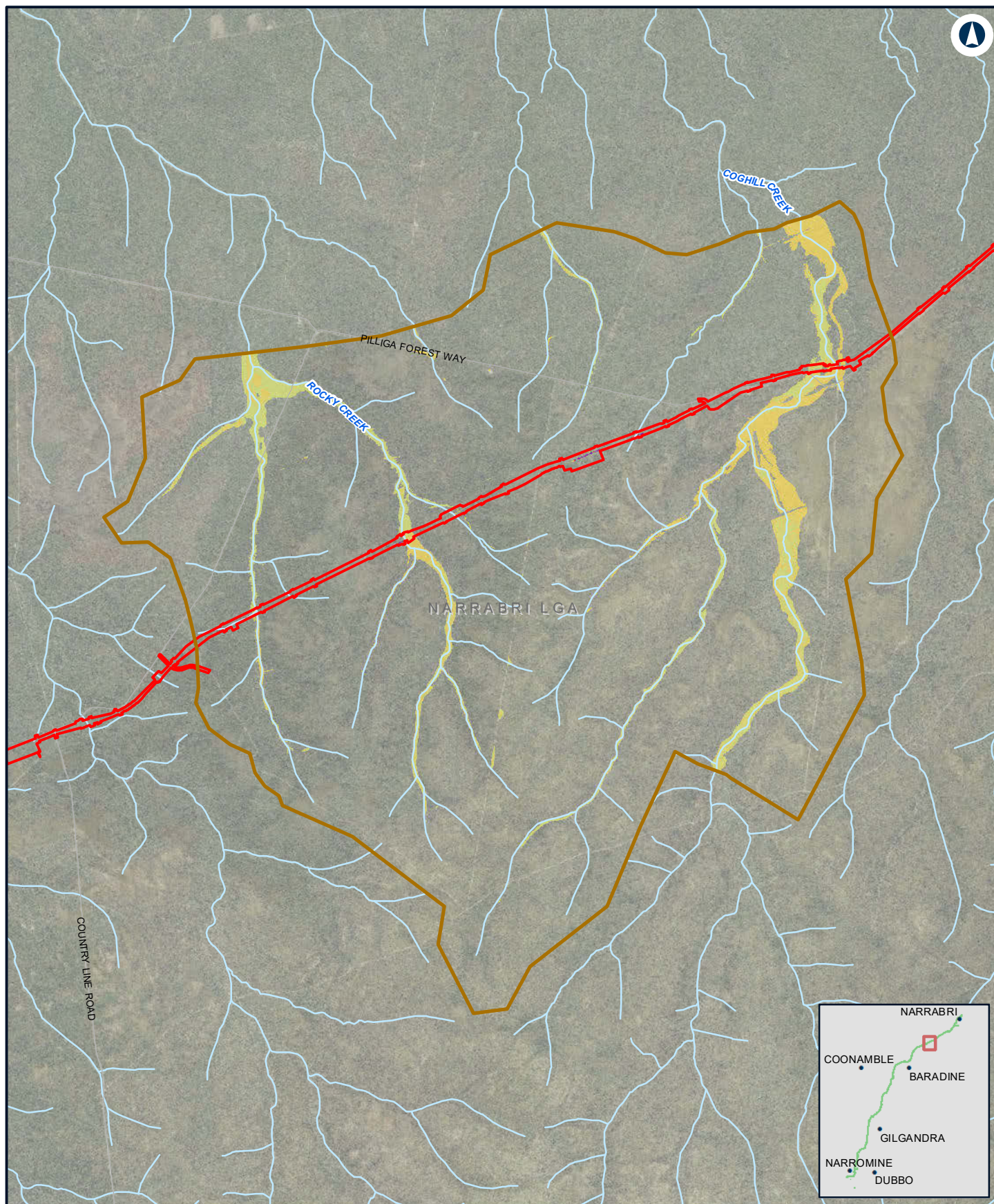
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N4

Appendix G - Figure 3.8k

0 1 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: 5/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

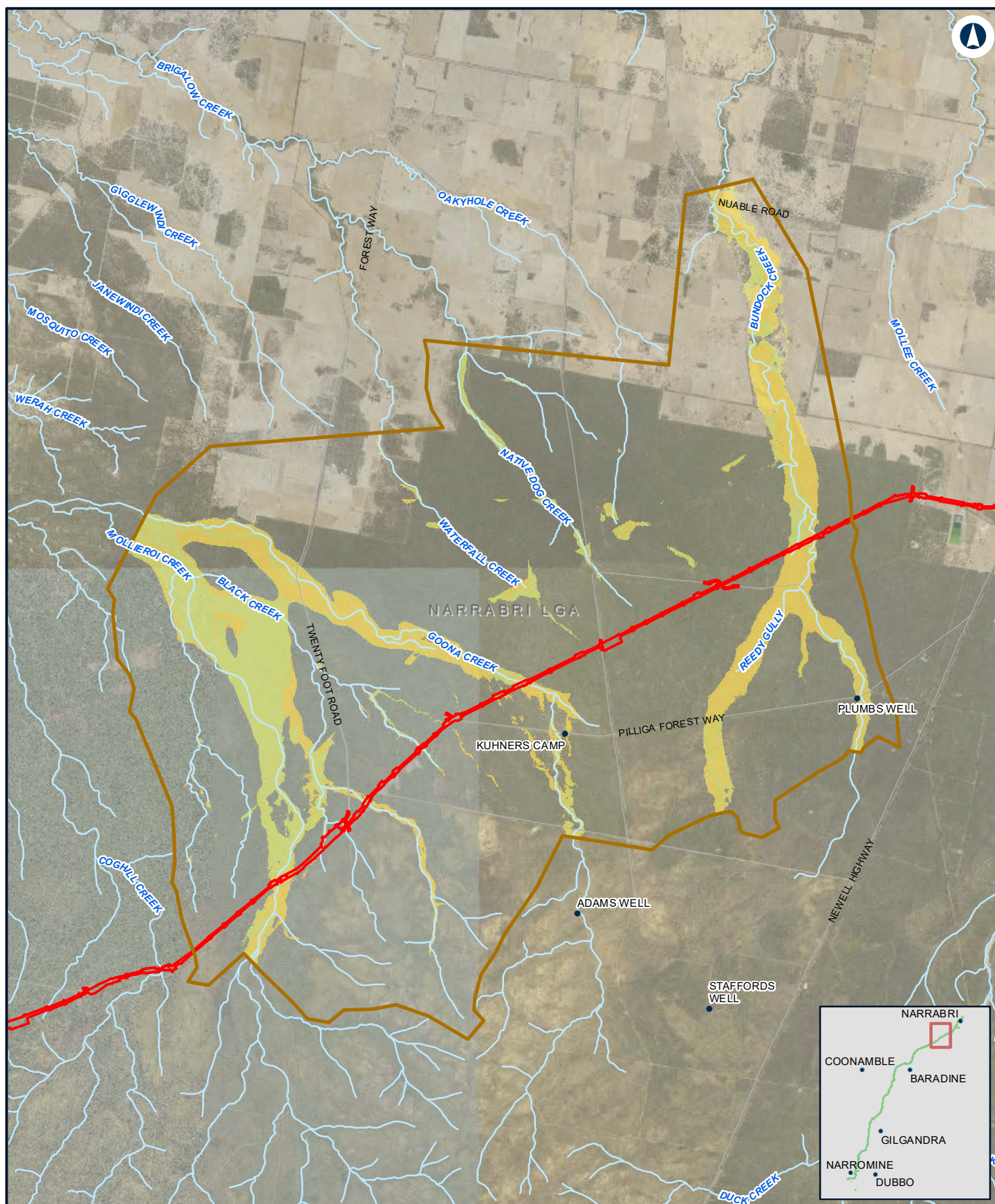
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N23

Appendix G - Figure 3.8I

0 1.5 3
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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

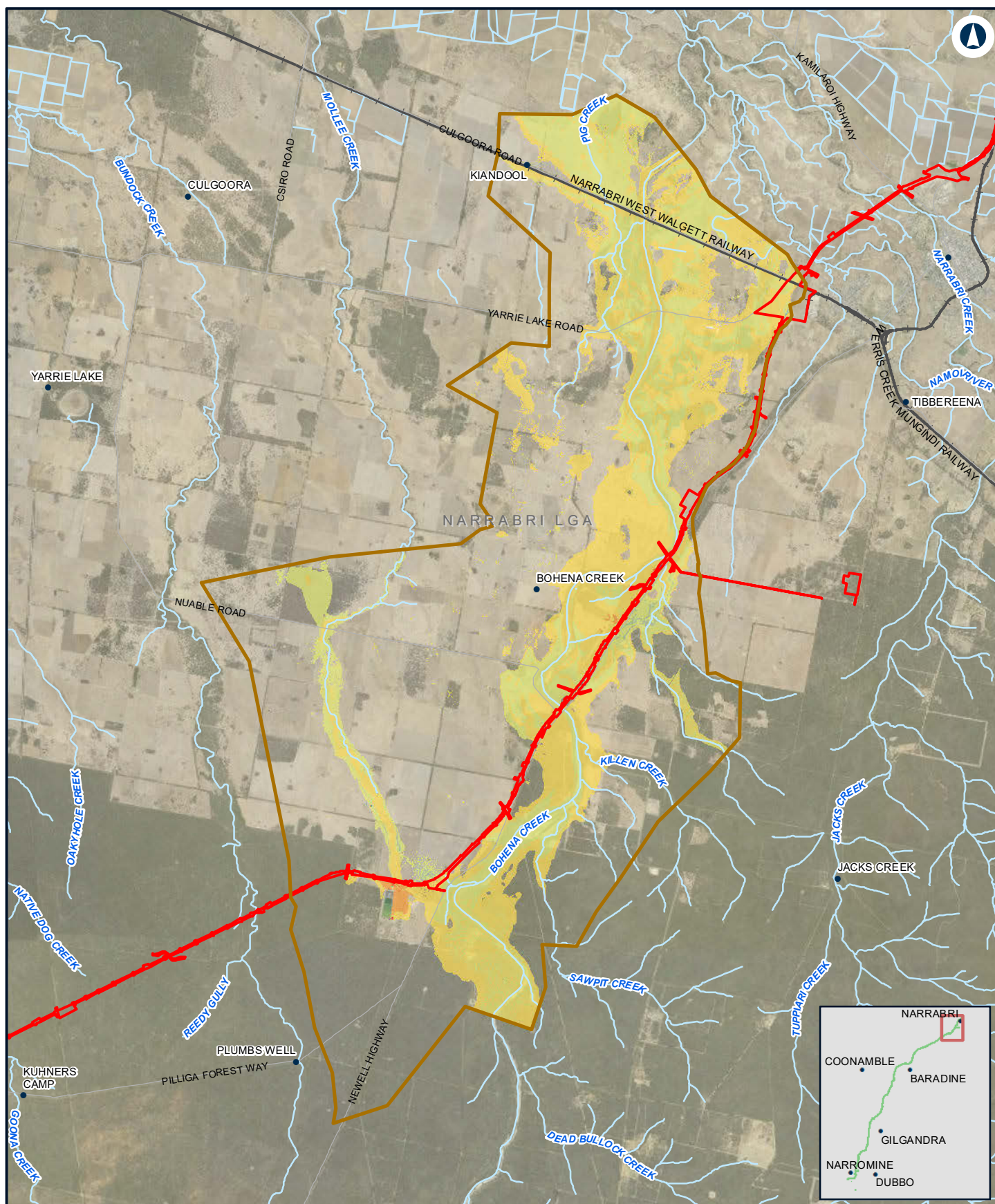
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - N2N1

Appendix G - Figure 3.8m

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

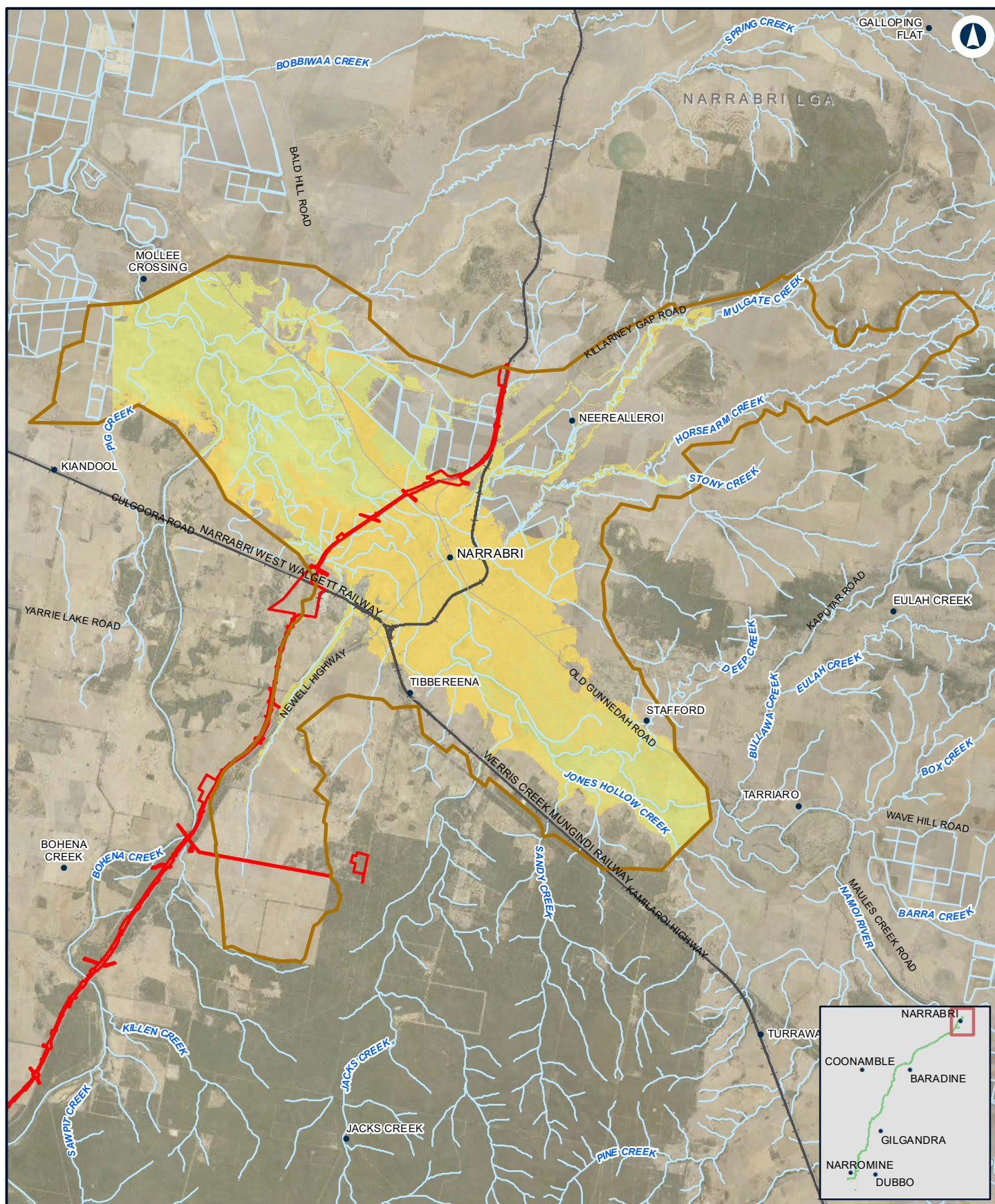
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - 0.2% AEP - Narrabri

Appendix G - Figure 3.8n

0 2 4 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: 5/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

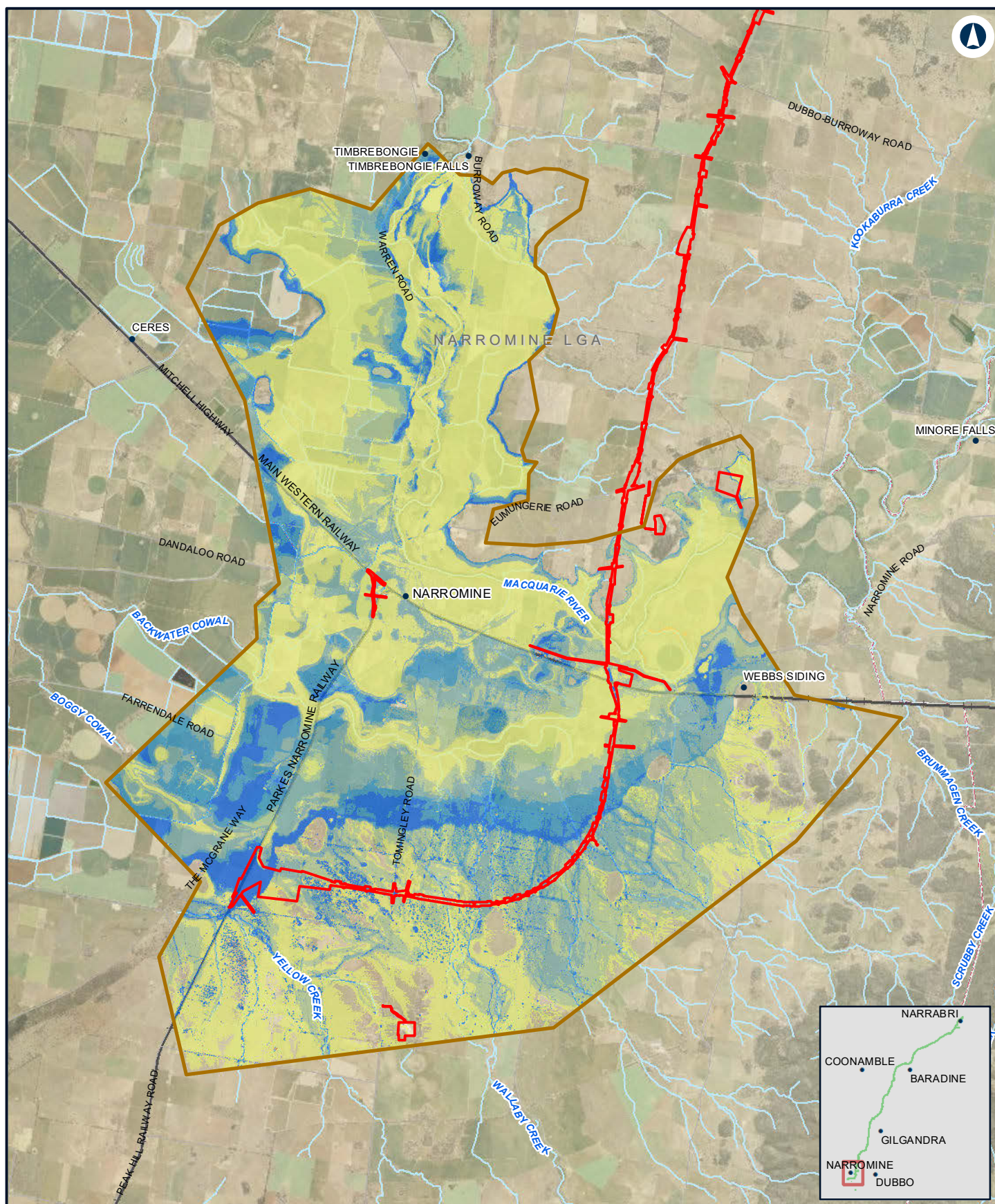
12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - PMF - NFM

Appendix G - Figure 3.9a

0 1.5 3 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: 10/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

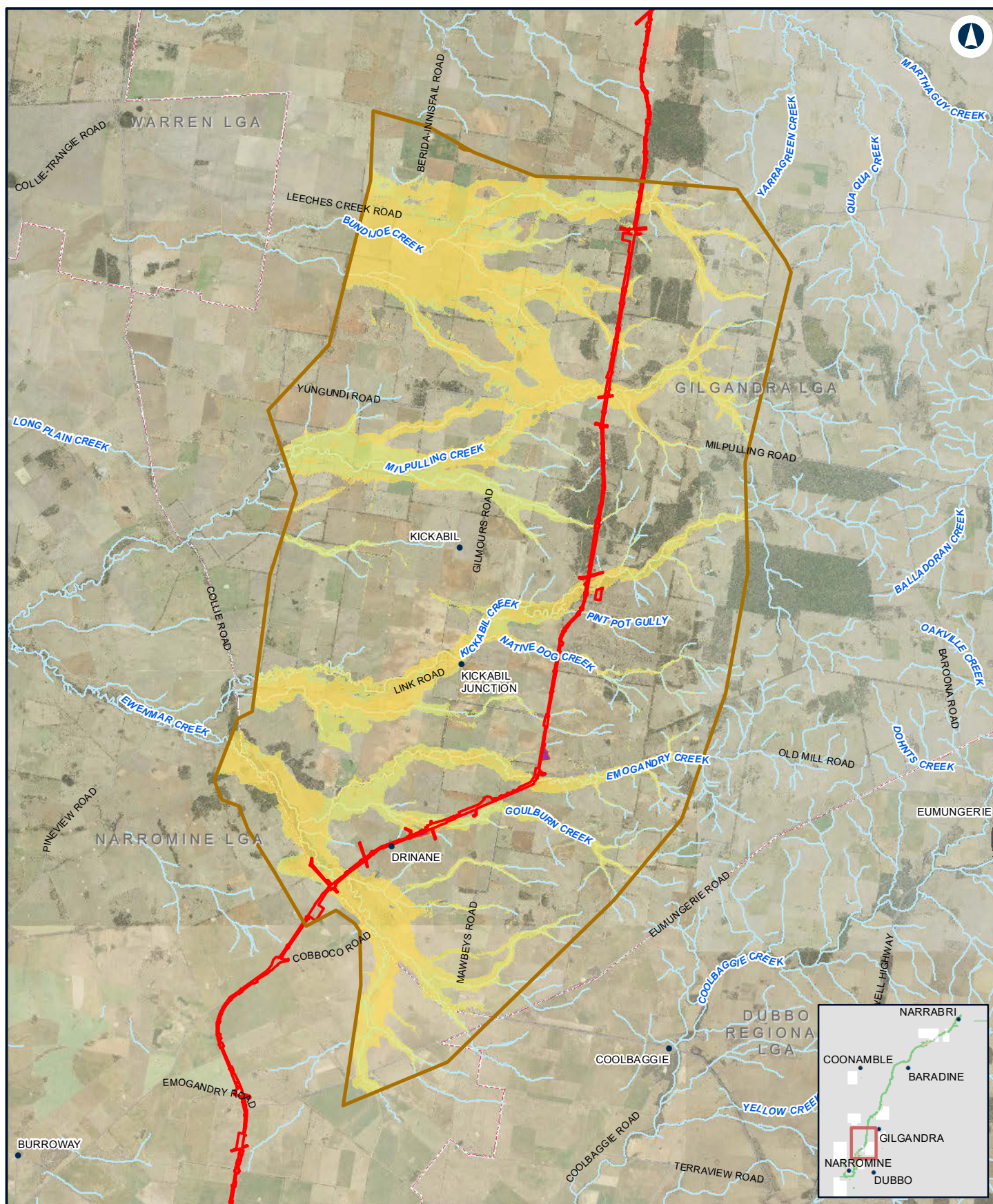
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



0 2.5 5 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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:180,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

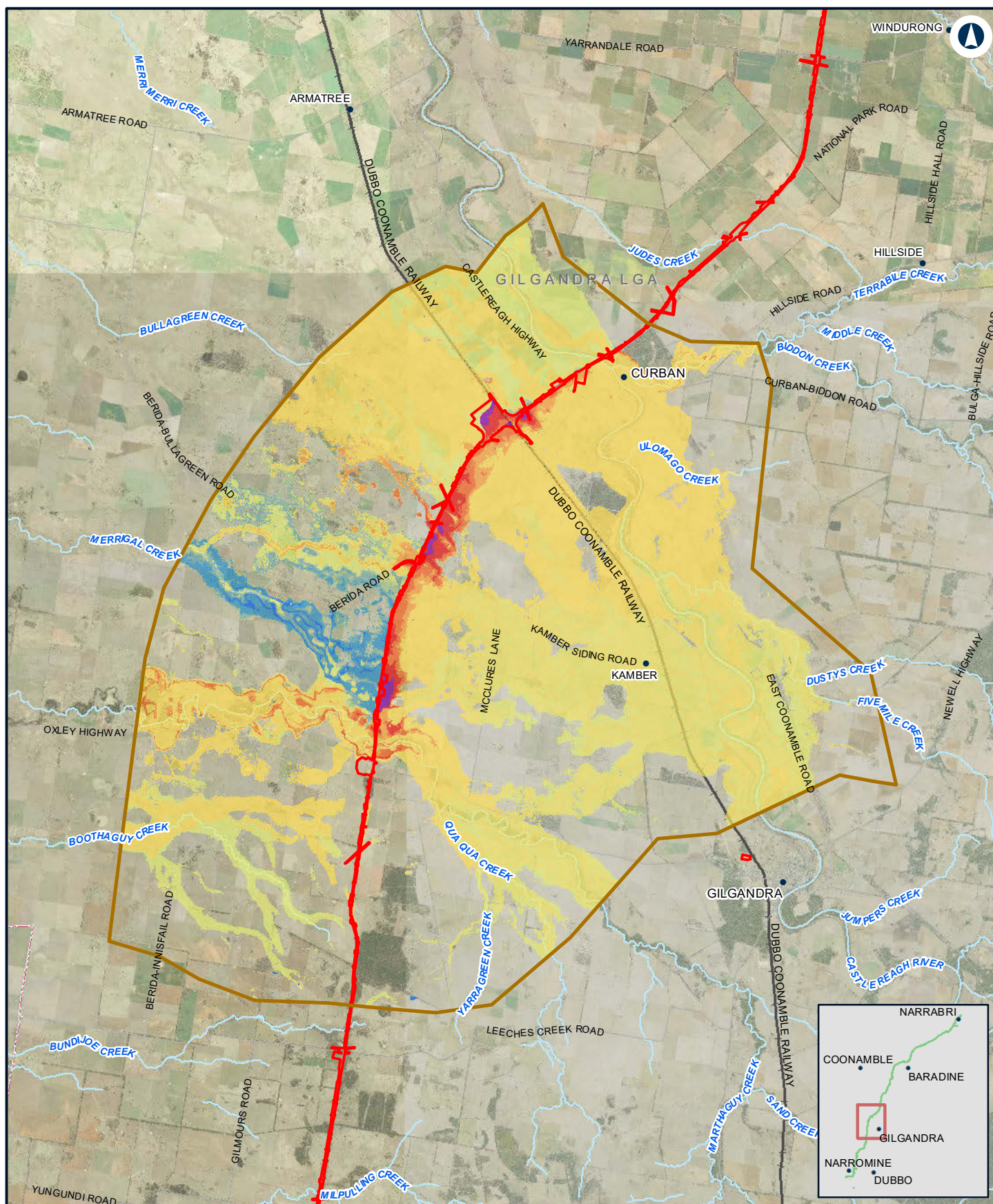
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - PMF - N2N11N12

Appendix G - Figure 3.9d

0 2.5 5
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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

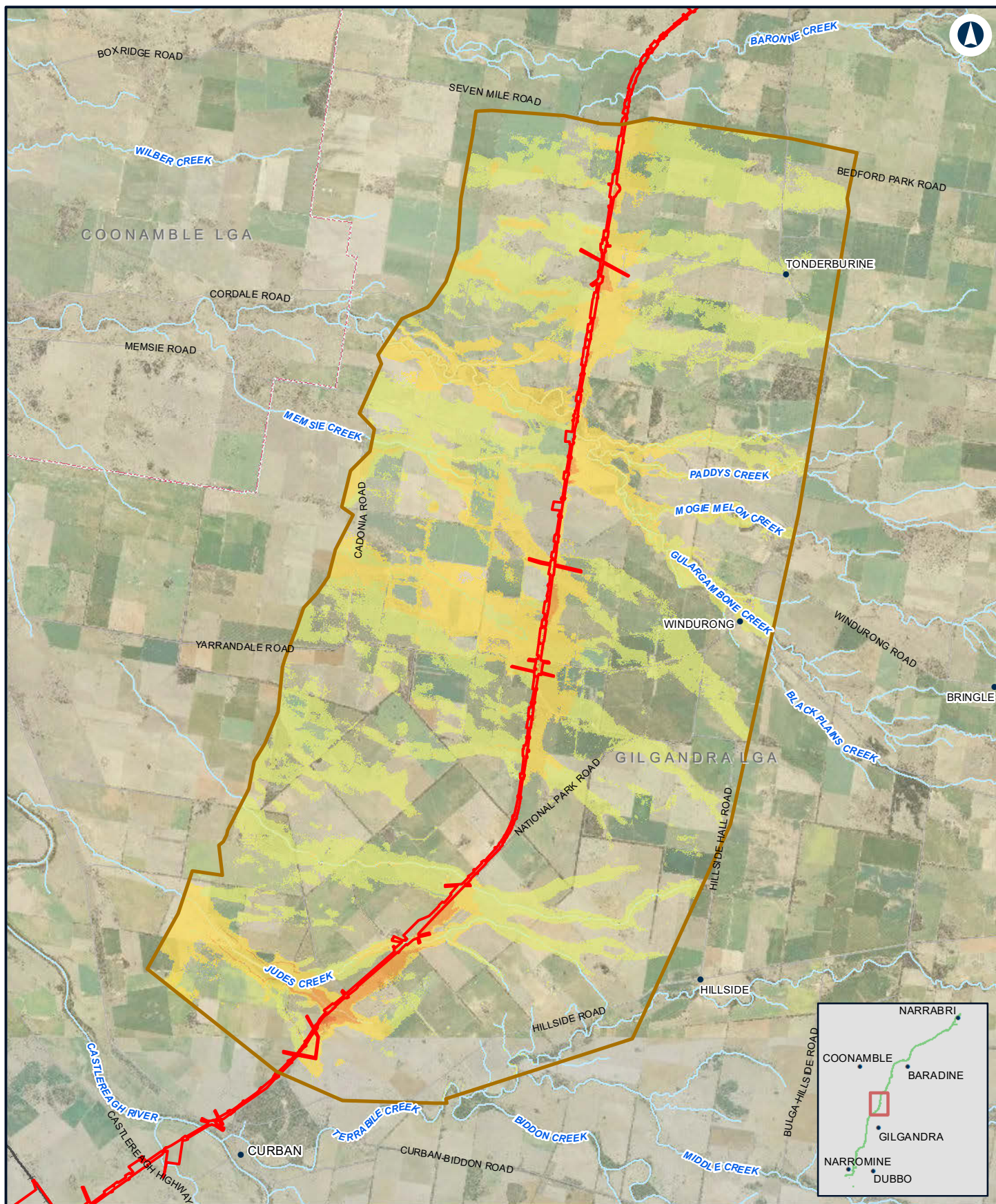
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - PMF - N2N10

Appendix G - Figure 3.9e

0 1.5 3
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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:130,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

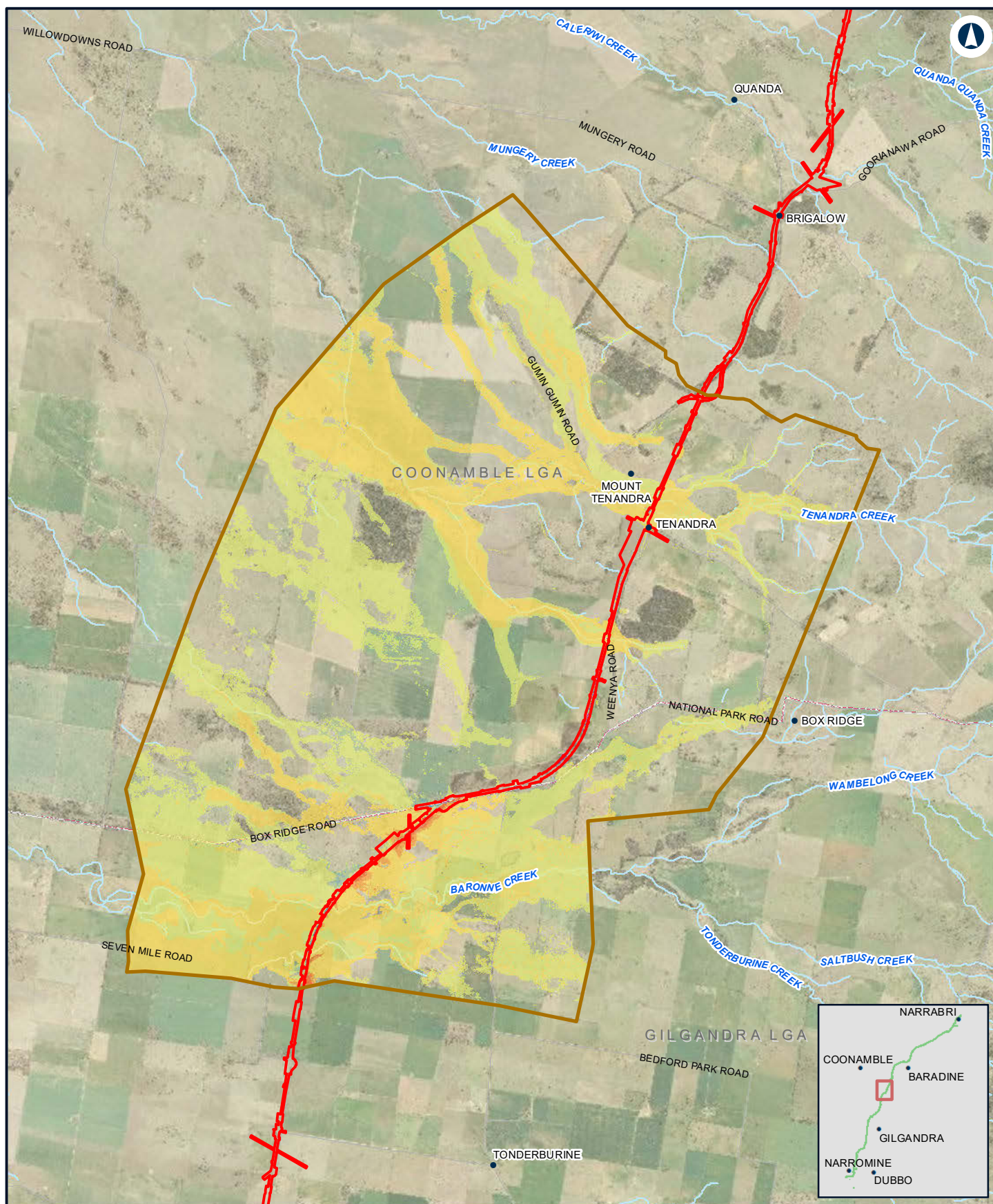
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - PMF - N2N9

Appendix G - Figure 3.9f

0 1.5 3 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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

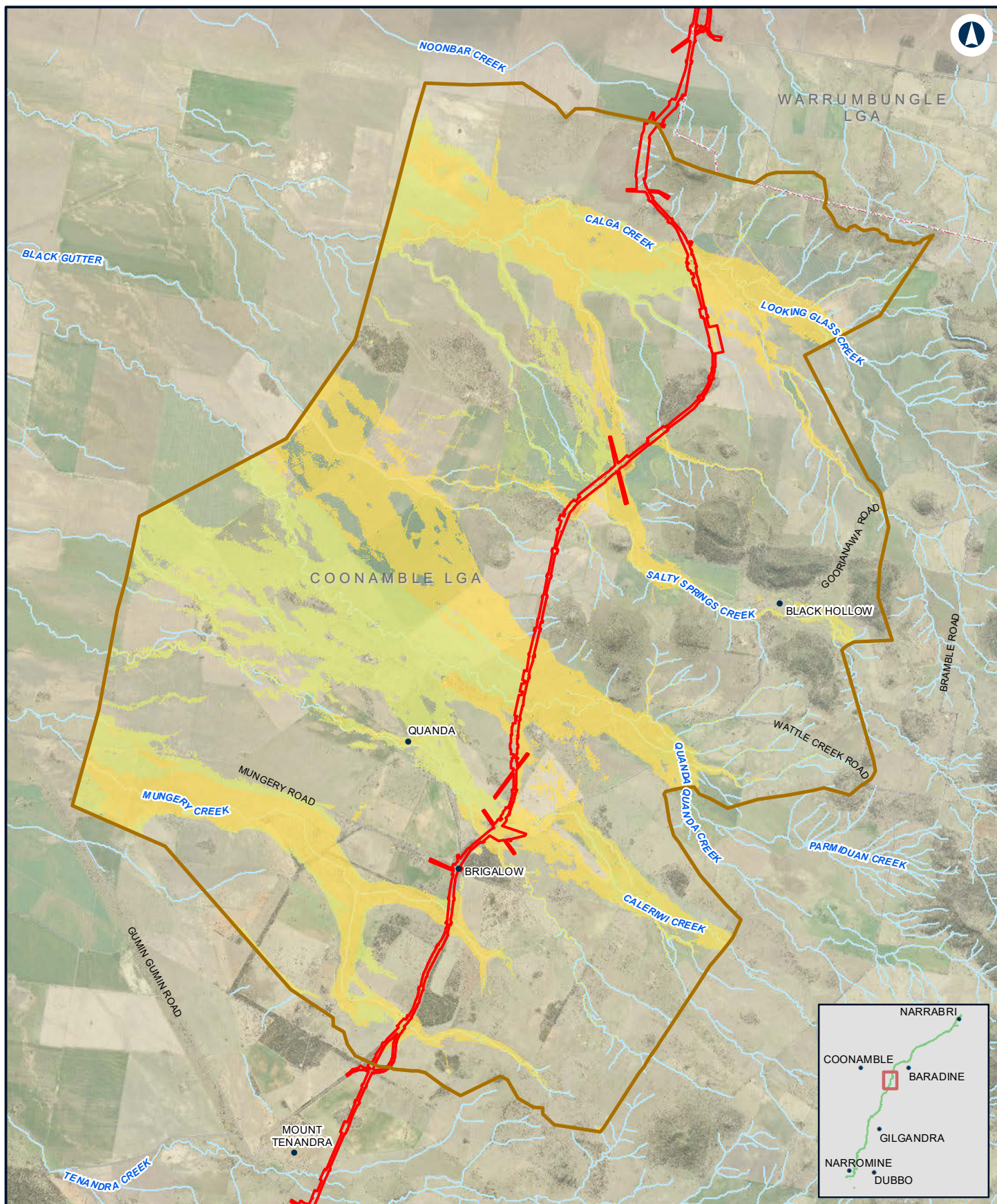
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 0 hr - 3 hr increase |
| 12 hr - 24 hr decrease | 3 hr - 6 hr increase |
| 6 hr - 12 hr decrease | 6 hr - 12 hr increase |
| 3 hr - 6 hr decrease | 12 hr - 24 hr increase |
| | > 24 hr increase |

INLAND RAIL **ARTC**

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



0 1 2 Km

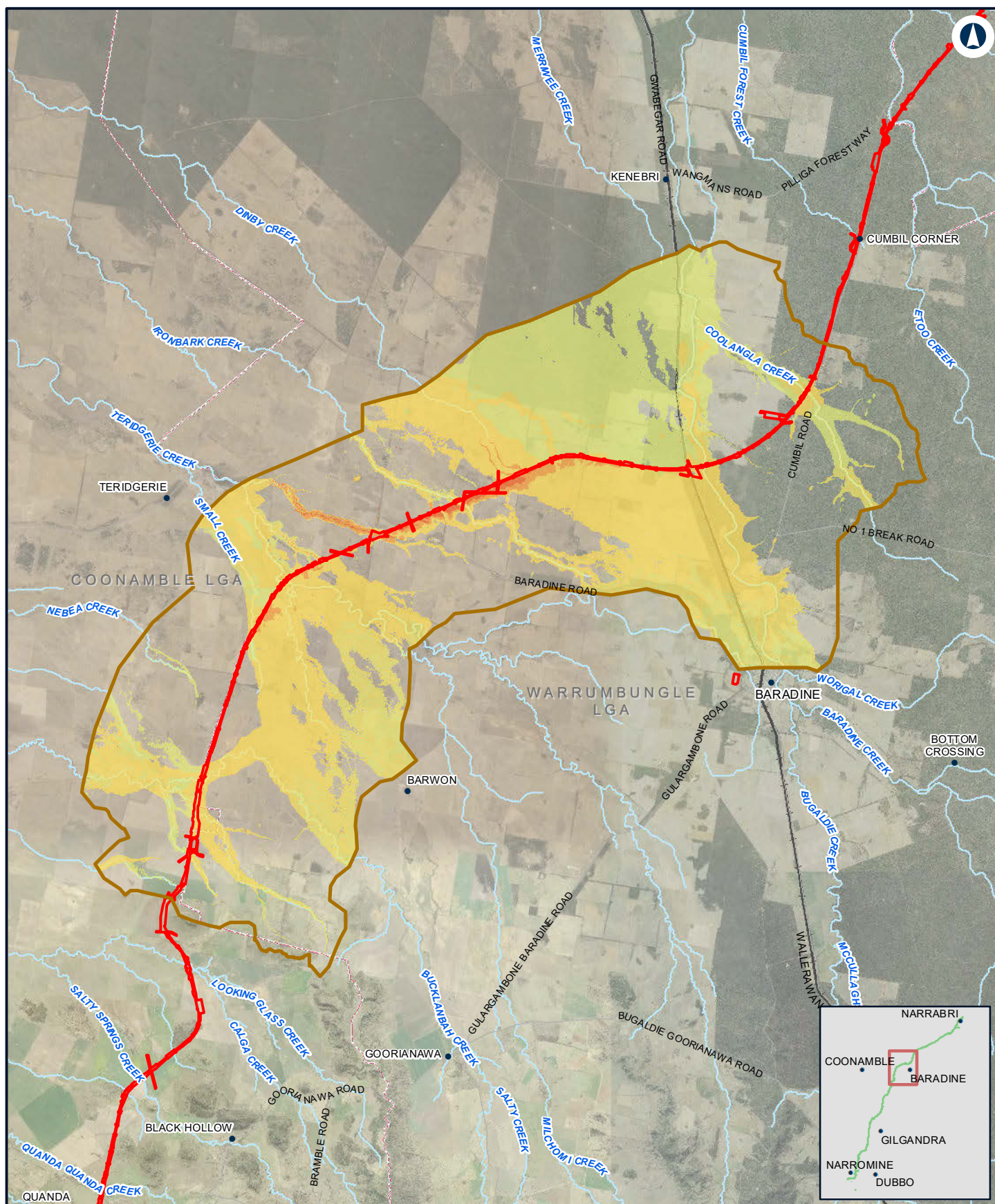
Coordinate System: GDA 1994 MGA Zone 55

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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



NARROMINE TO NARRABRI

Change in duration - PMF - N2N7

Appendix G - Figure 3.9h

0 2.5 5
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: 10/08/2022
Author: JacobsGHD

Page: A4
Scale: 1:200,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

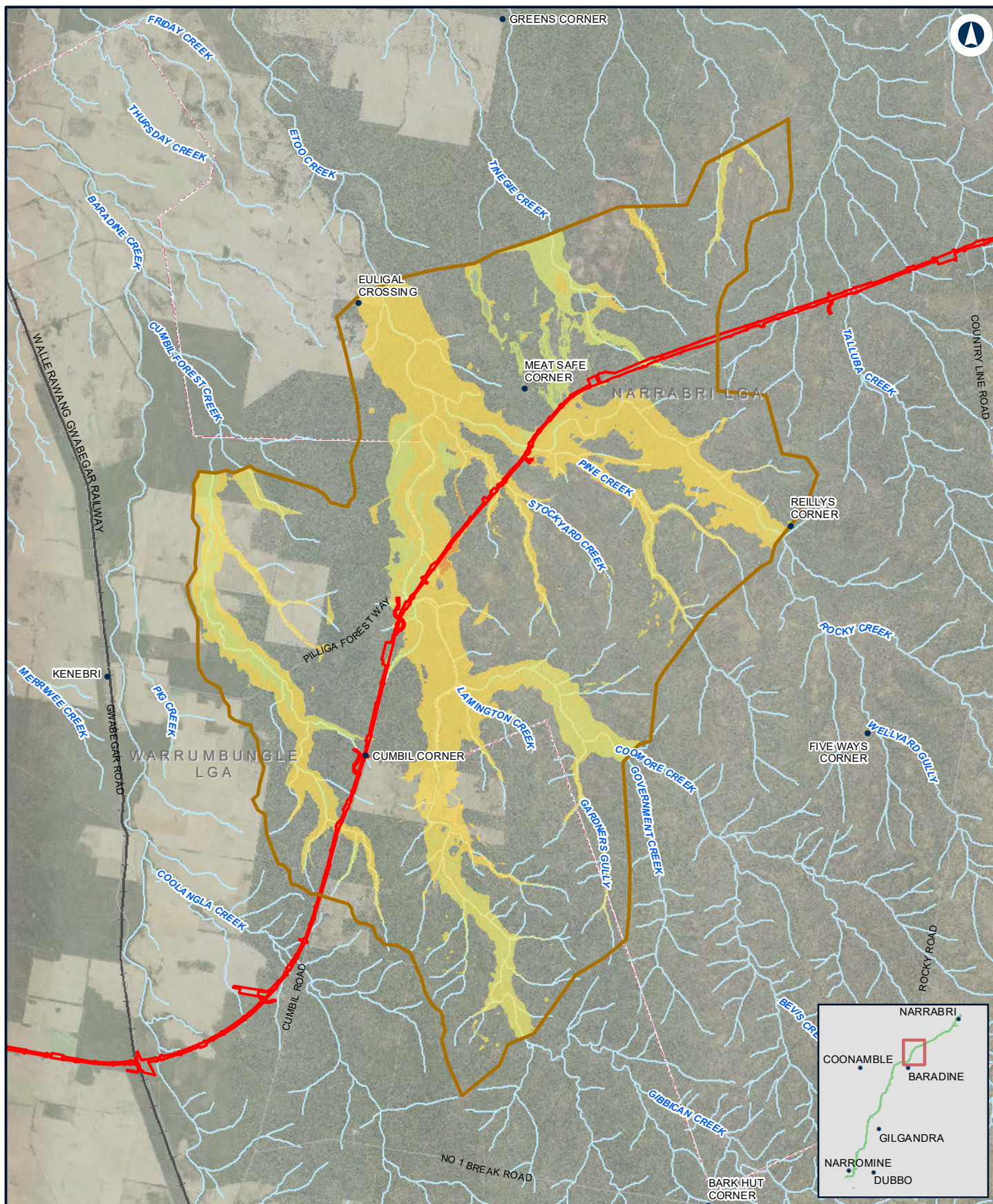
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



Narromine to Narrabri

Change in duration - PMF - N2N6

Appendix G - Figure 3.9i

0 2 4 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: 10/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

 Model boundary

Duration Change

 > 24 hr decrease

 12 hr - 24 hr decrease

 6 hr - 12 hr decrease

 3 hr - 6 hr decrease

 0 hr - 3 hr decrease

 0 hr - 3 hr increase

 3 hr - 6 hr increase

 6 hr - 12 hr increase

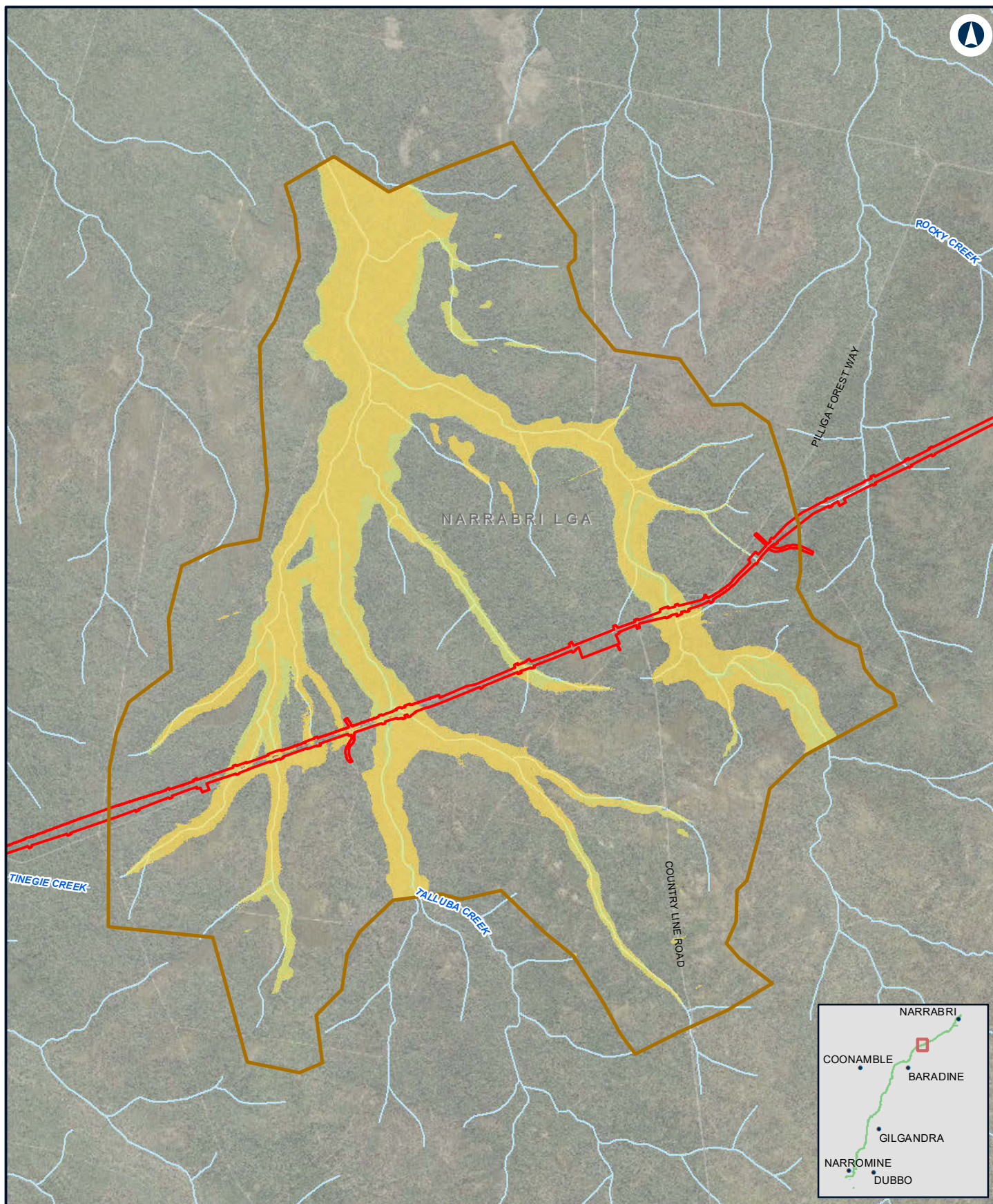
 12 hr - 24 hr increase

 > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARRABRI TO NARRABRI

Change in duration - PMF - N2N5

Appendix G - Figure 3.9j

0 1 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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

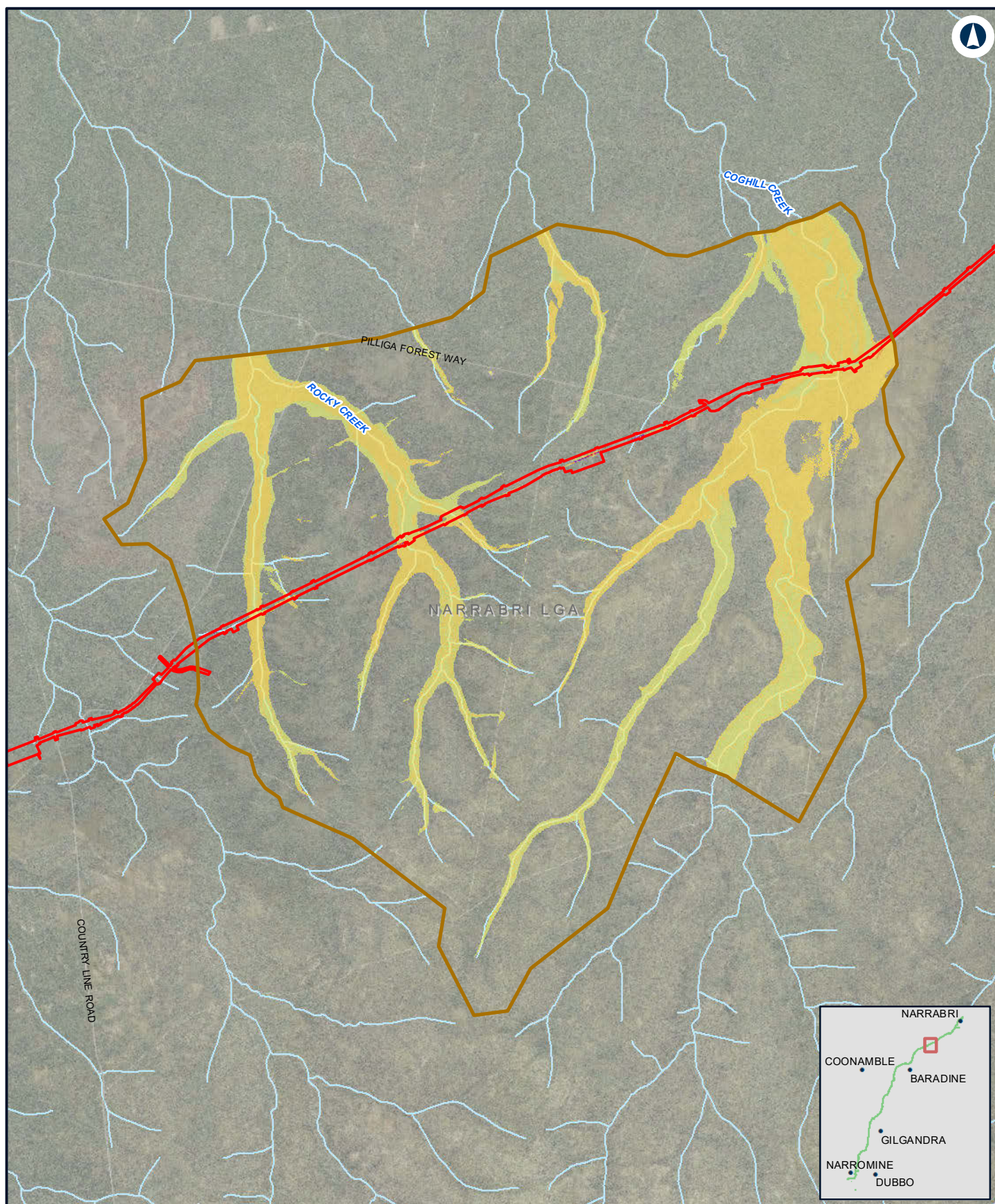
Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

**INLAND
RAIL**

ARTC

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



NARROMINE TO NARRABRI

Change in duration - PMF - N2N4

Appendix G - Figure 3.9k

0 1 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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

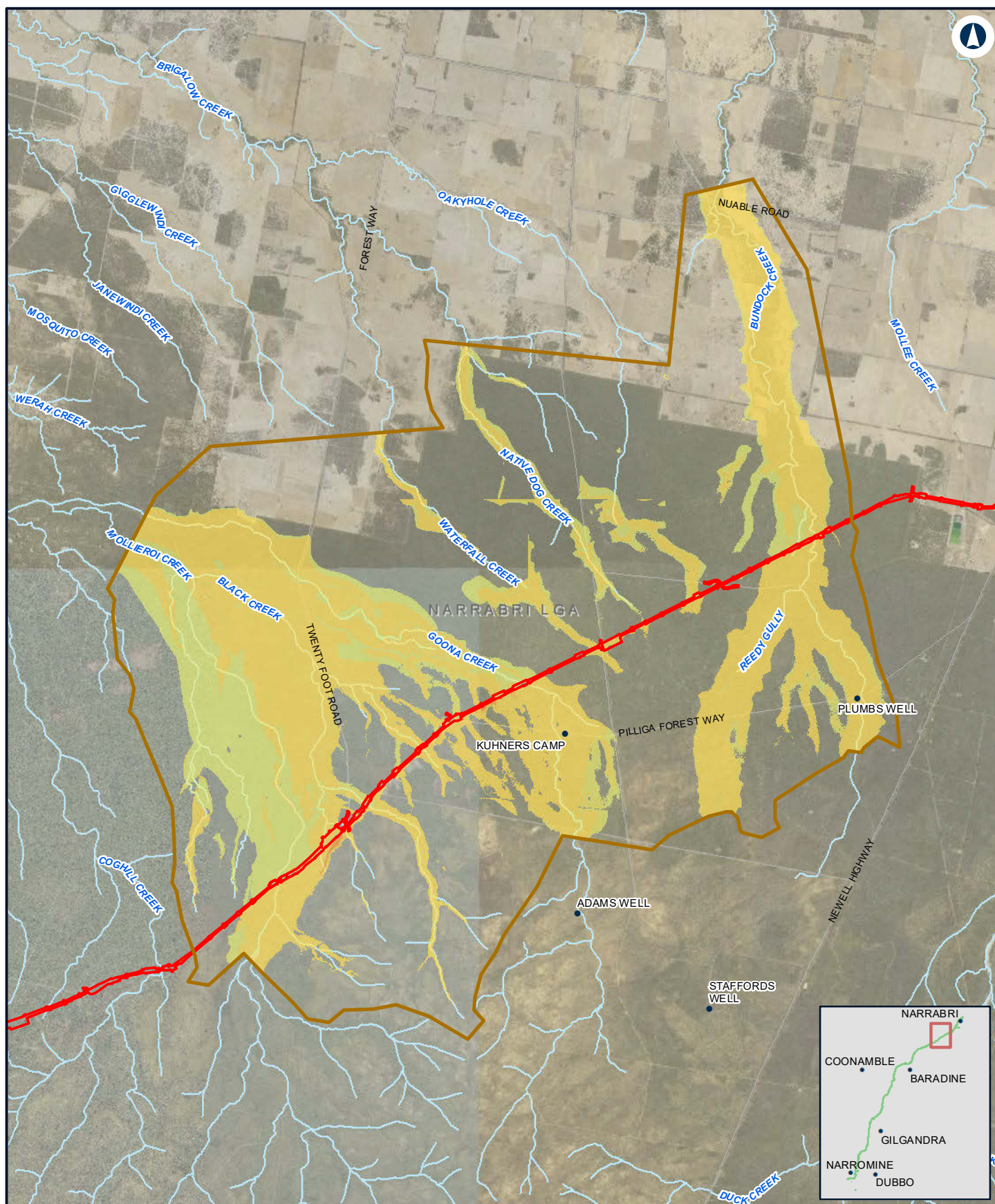
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - PMF - N2N23

Appendix G - Figure 3.9I

0 1.5 3
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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

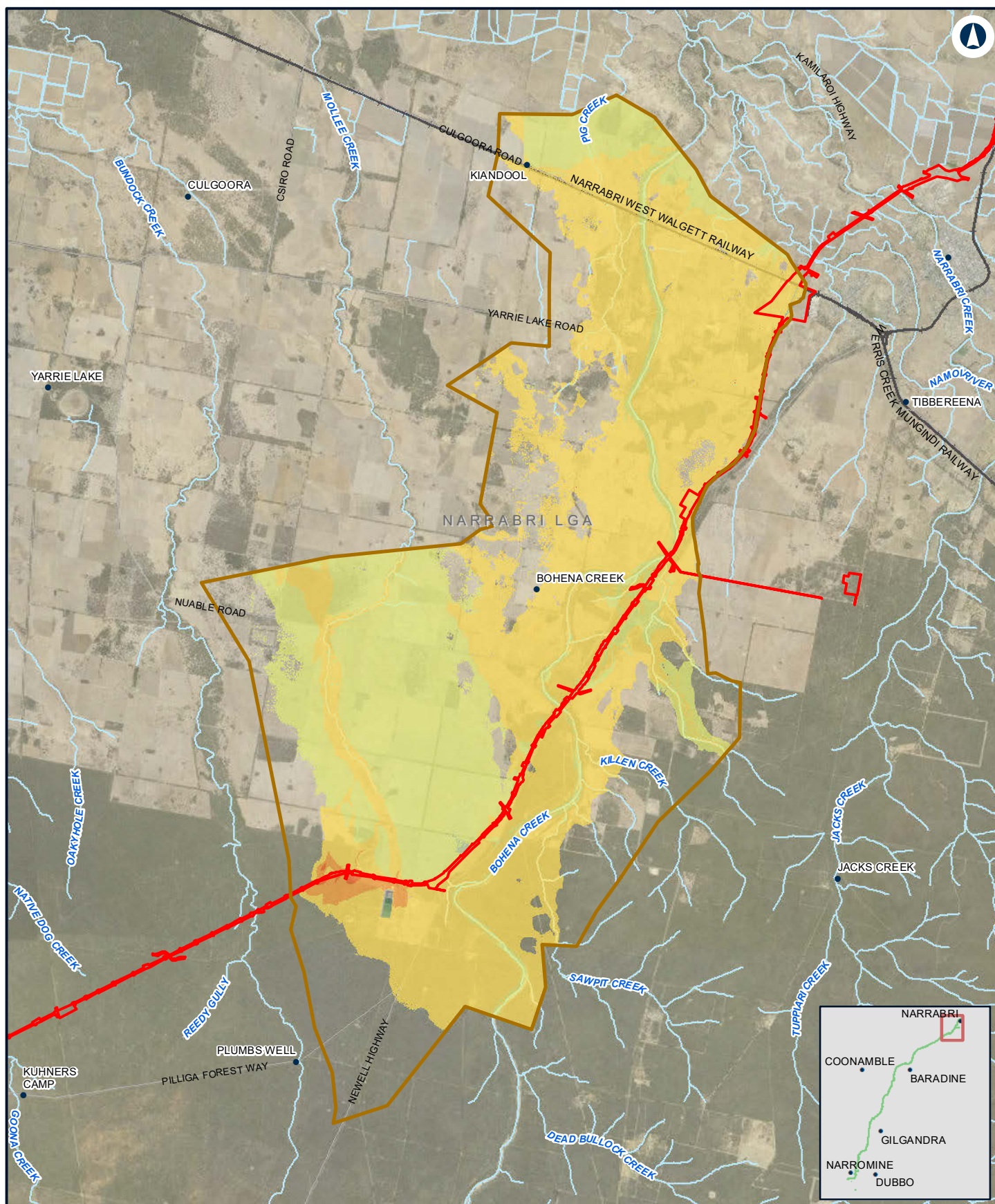
- The proposal site
- Model boundary

Duration Change

- | | |
|--|--|
| > 24 hr decrease | 6 hr - 12 hr increase |
| 12 hr - 24 hr decrease | 12 hr - 24 hr increase |
| 6 hr - 12 hr decrease | > 24 hr increase |
| 3 hr - 6 hr decrease | |
| 0 hr - 3 hr decrease | 0 hr - 3 hr increase |
| | 3 hr - 6 hr increase |

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - PMF - N2N1

Appendix G - Figure 3.9m

0 2 4 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: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

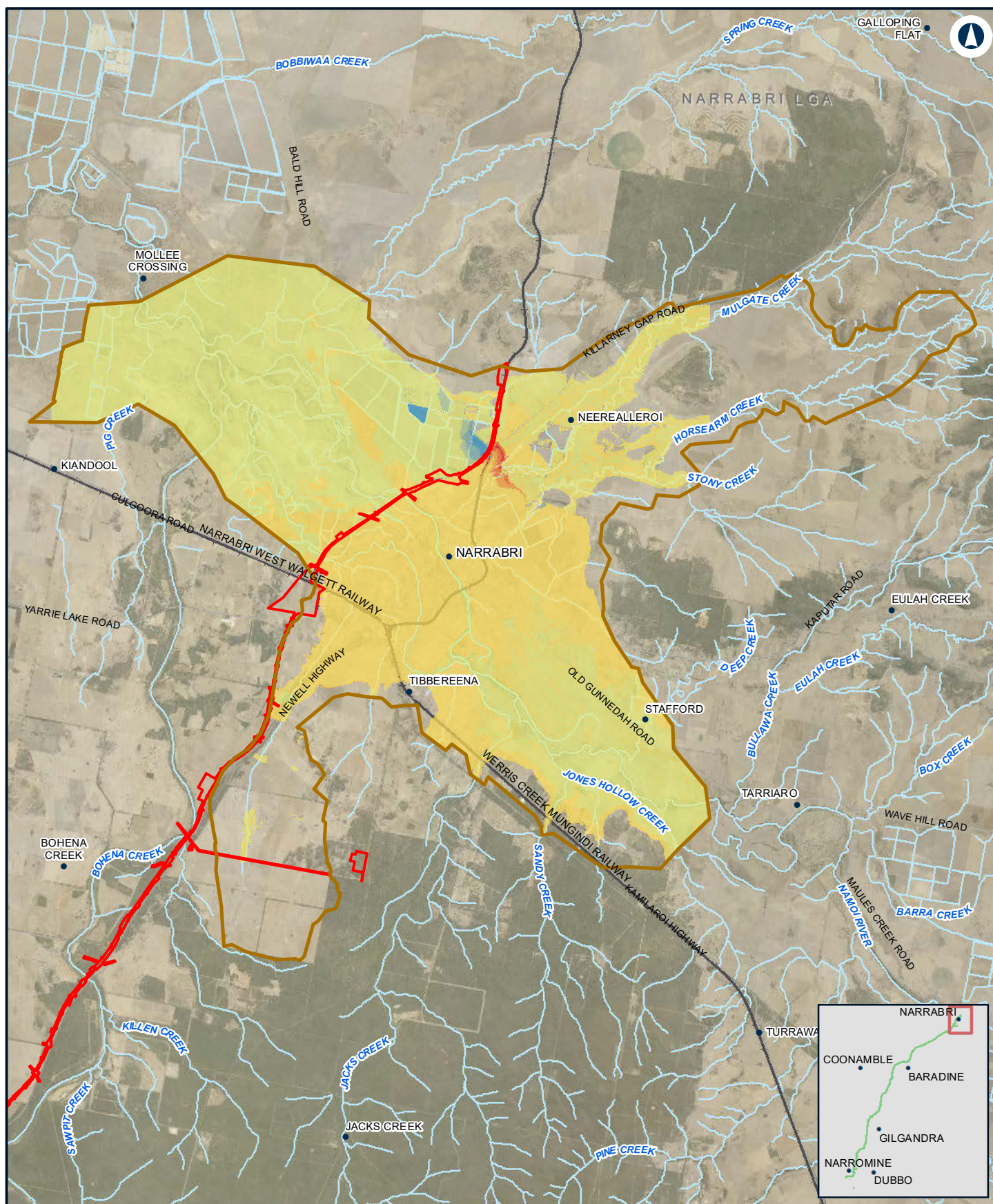
- The proposal site
- Model boundary

Duration Change

- > 24 hr decrease
- 12 hr - 24 hr decrease
- 6 hr - 12 hr decrease
- 3 hr - 6 hr decrease
- 0 hr - 3 hr decrease
- 0 hr - 3 hr increase
- 3 hr - 6 hr increase
- 6 hr - 12 hr increase
- 12 hr - 24 hr increase
- > 24 hr increase

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Change in duration - PMF - Narrabri

Appendix G - Figure 3.9n

0 2 4 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: 10/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

Model boundary

Duration Change

> 24 hr decrease

12 hr - 24 hr decrease

6 hr - 12 hr decrease

3 hr - 6 hr decrease

0 hr - 3 hr decrease

0 hr - 3 hr increase

3 hr - 6 hr increase

6 hr - 12 hr increase

12 hr - 24 hr increase

> 24 hr increase

**INLAND
RAIL**

ARTC

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