

TECHNICAL REPORT 03

Updated flooding and hydrology assessment

Appendix N Assessment of local and regional flooding at Narrabri

(Part 4 of 25)

NARROMINE TO NARRABRI PROJECT



TECHNICAL REPORT 03

Updated flooding and hydrology assessment

Appendix A Existing and operational flooding

Appendix A3 Narrabri local (existing flooding 2%)

NARROMINE TO NARRABRI PROJECT





NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.1

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

- The proposal
- Flood level (mAHD)
- Flood depth**
 - 0.0m - 0.25m
 - 0.25m - 0.5m
 - 0.5m - 1.0m
 - 1.0m - 2.0m
 - > 2.0m

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

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.2

0 0.1 0.2
Km

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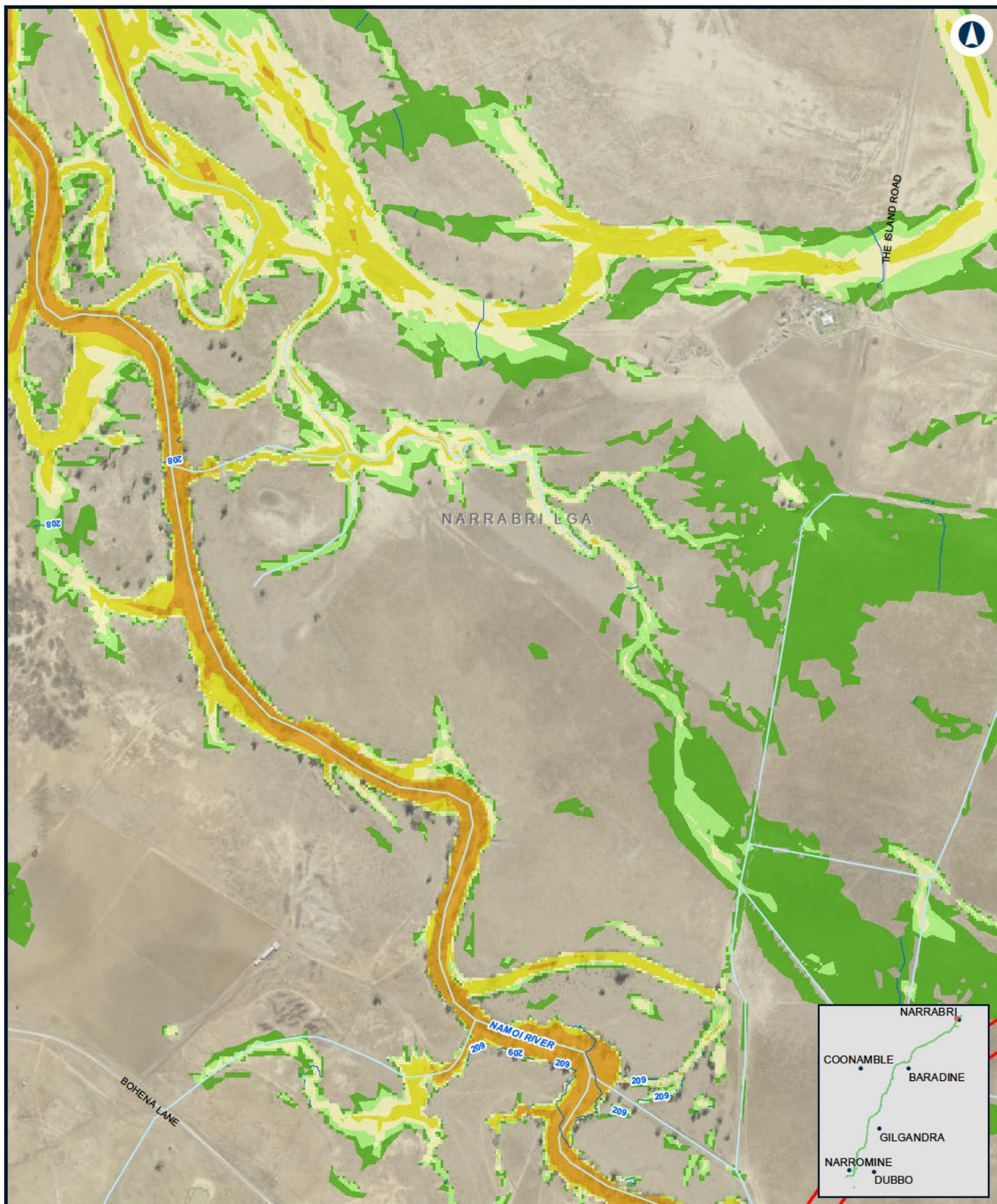
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- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.3

0 0.1 0.2
Km

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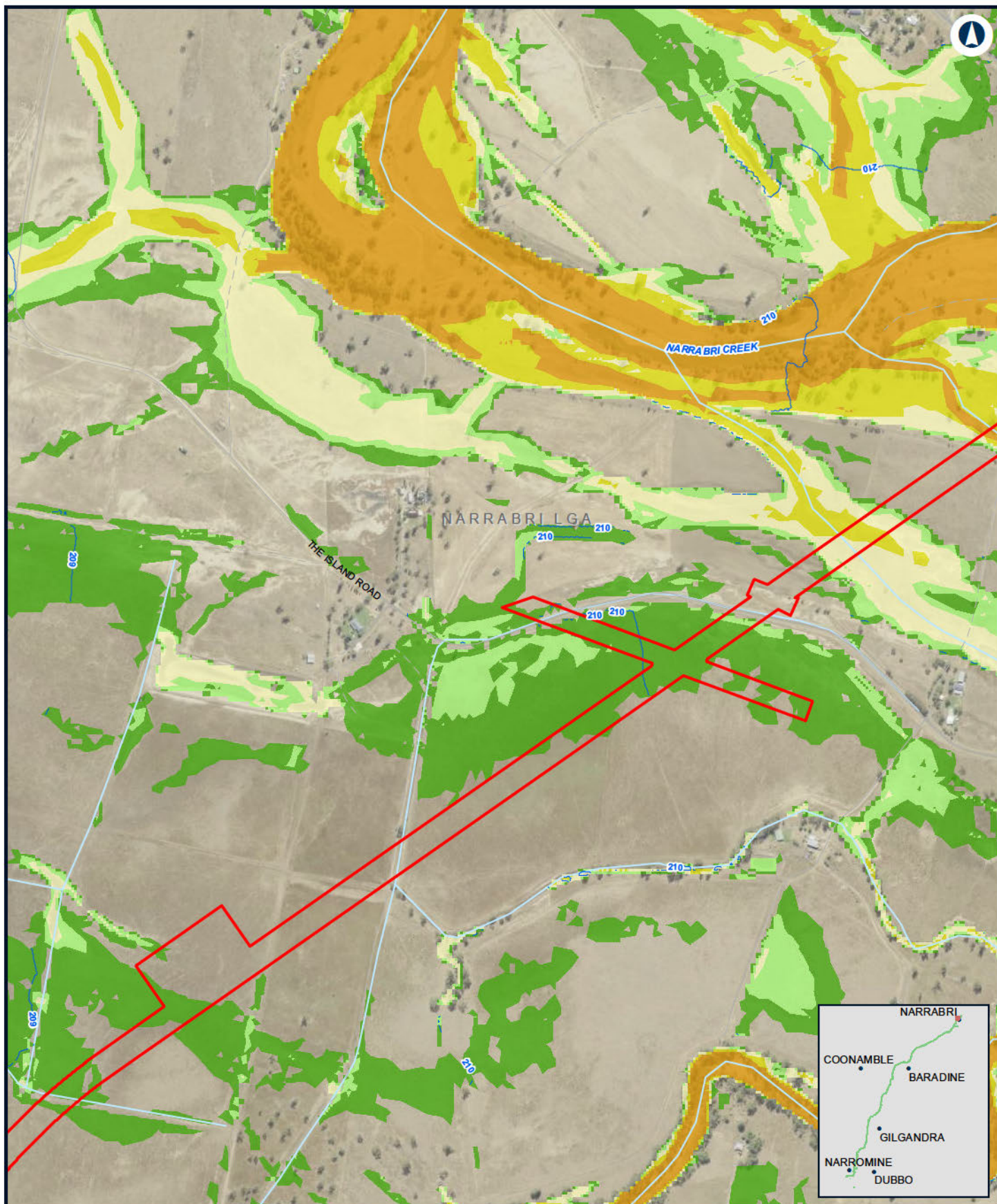
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 - 0.5m - 1.0m
 - 1.0m - 2.0m
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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.4

0 0.1 0.2
Km

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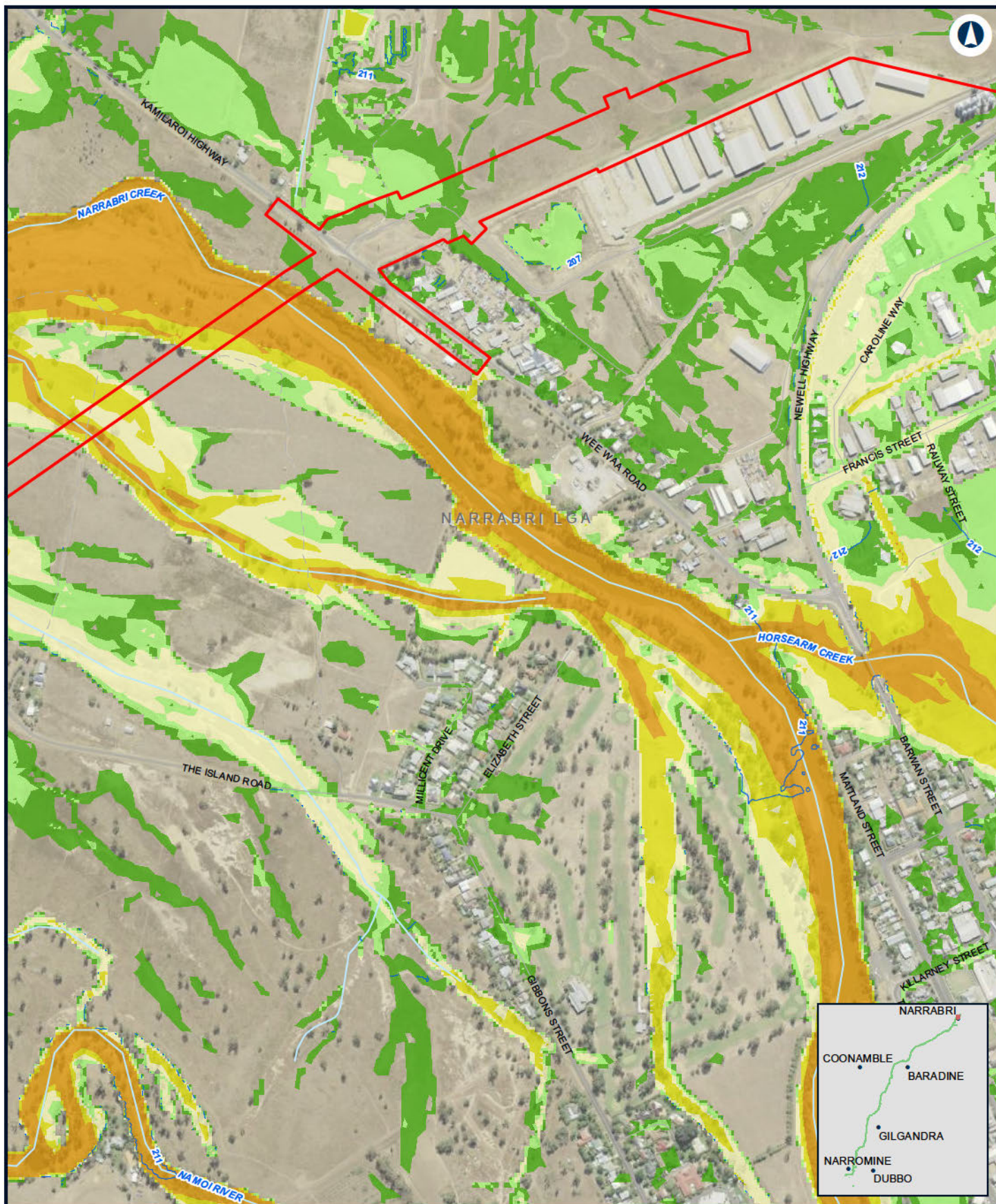
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- 0.25m - 0.5m
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- 1.0m - 2.0m
- > 2.0m

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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.5

0 0.1 0.2
Km

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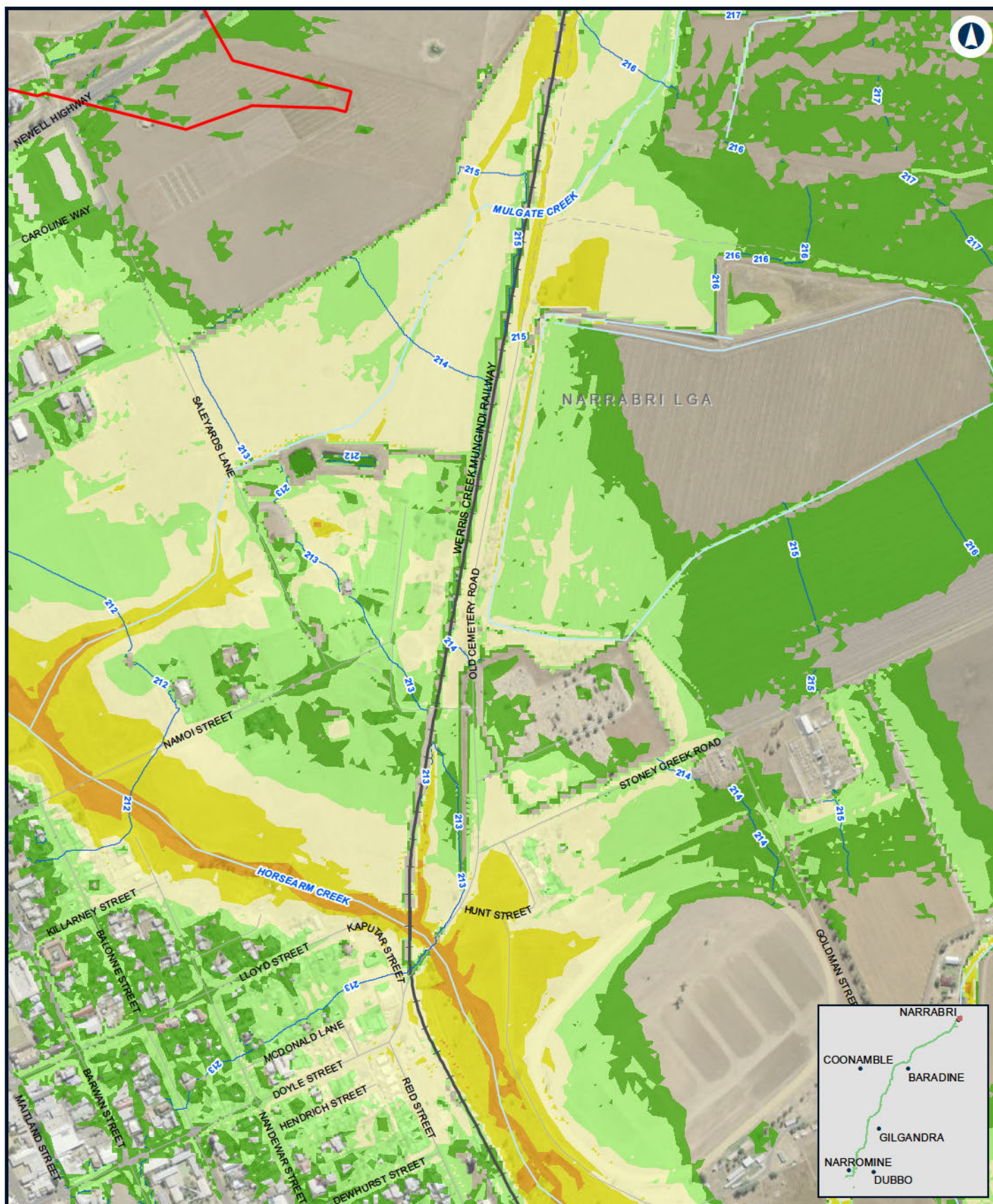
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 - 1.0m - 2.0m
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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.6

0 0.1 0.2
Km

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 - 0.25m - 0.5m
 - 0.5m - 1.0m
 - 1.0m - 2.0m
- > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.7

0 0.1 0.2
Km

LEGEND

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.8

0 0.1 0.2
Km

LEGEND

The proposal

Coordinate System: GDA 1994 MGA Zone 55

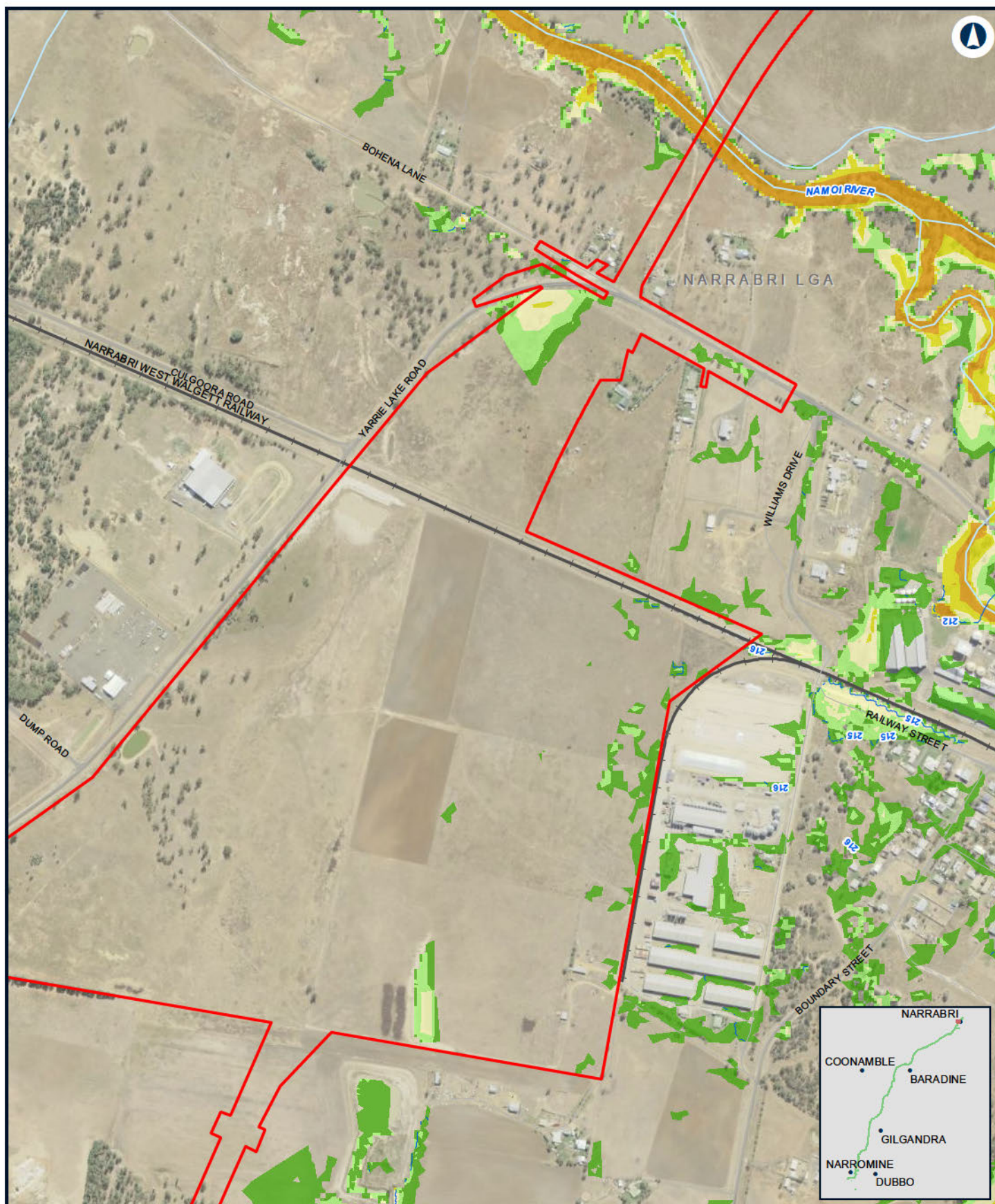
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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.9

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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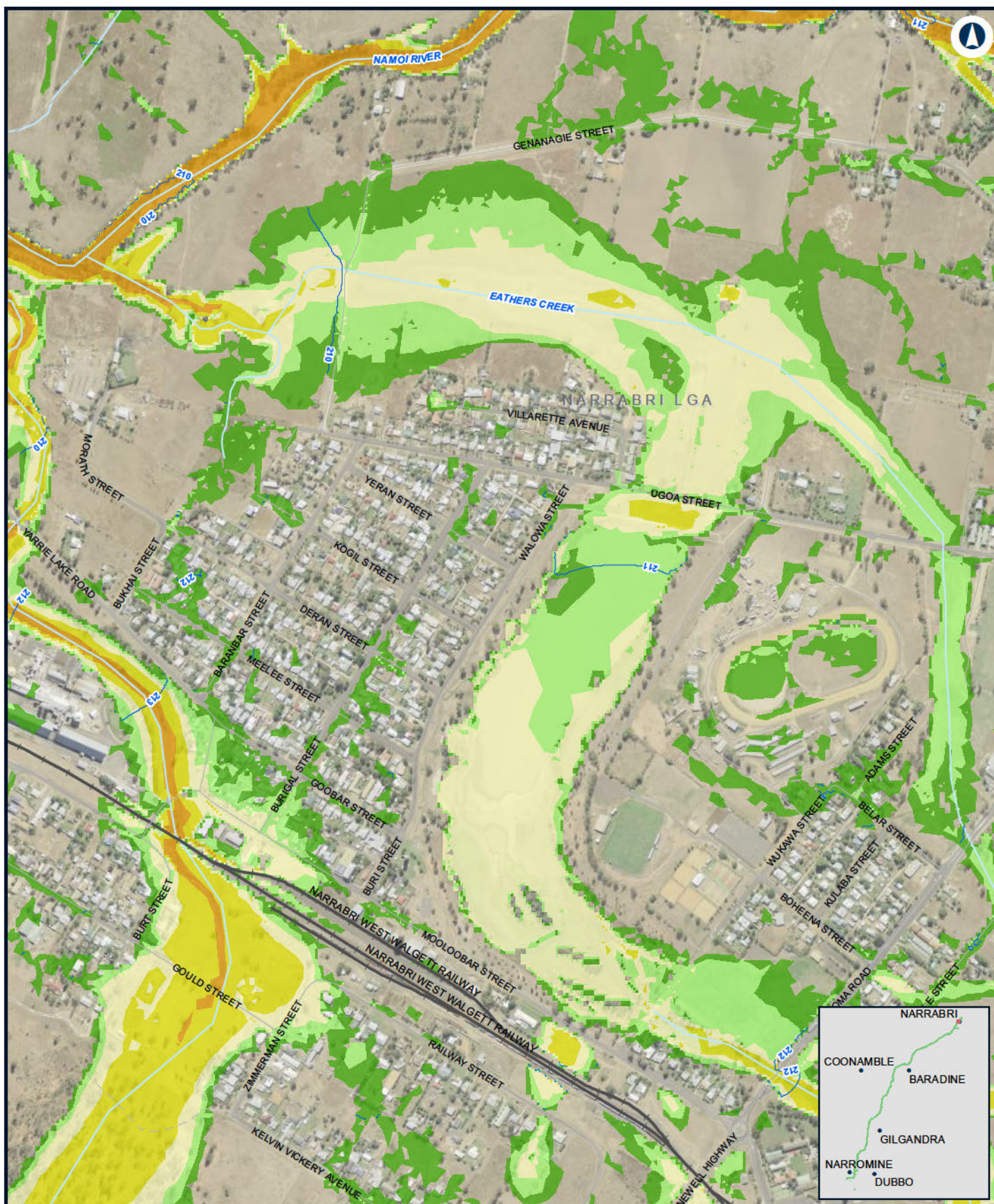
Date: 15/08/2022 Paper: A4
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Data Sources: Basemap layers: NSWSS;

LEGEND

- The proposal
- Flood level (mAHD)
- Flood depth**
 - 0.0m - 0.25m
 - 0.25m - 0.5m
 - 0.5m - 1.0m
 - 1.0m - 2.0m
 - > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.10

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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LEGEND

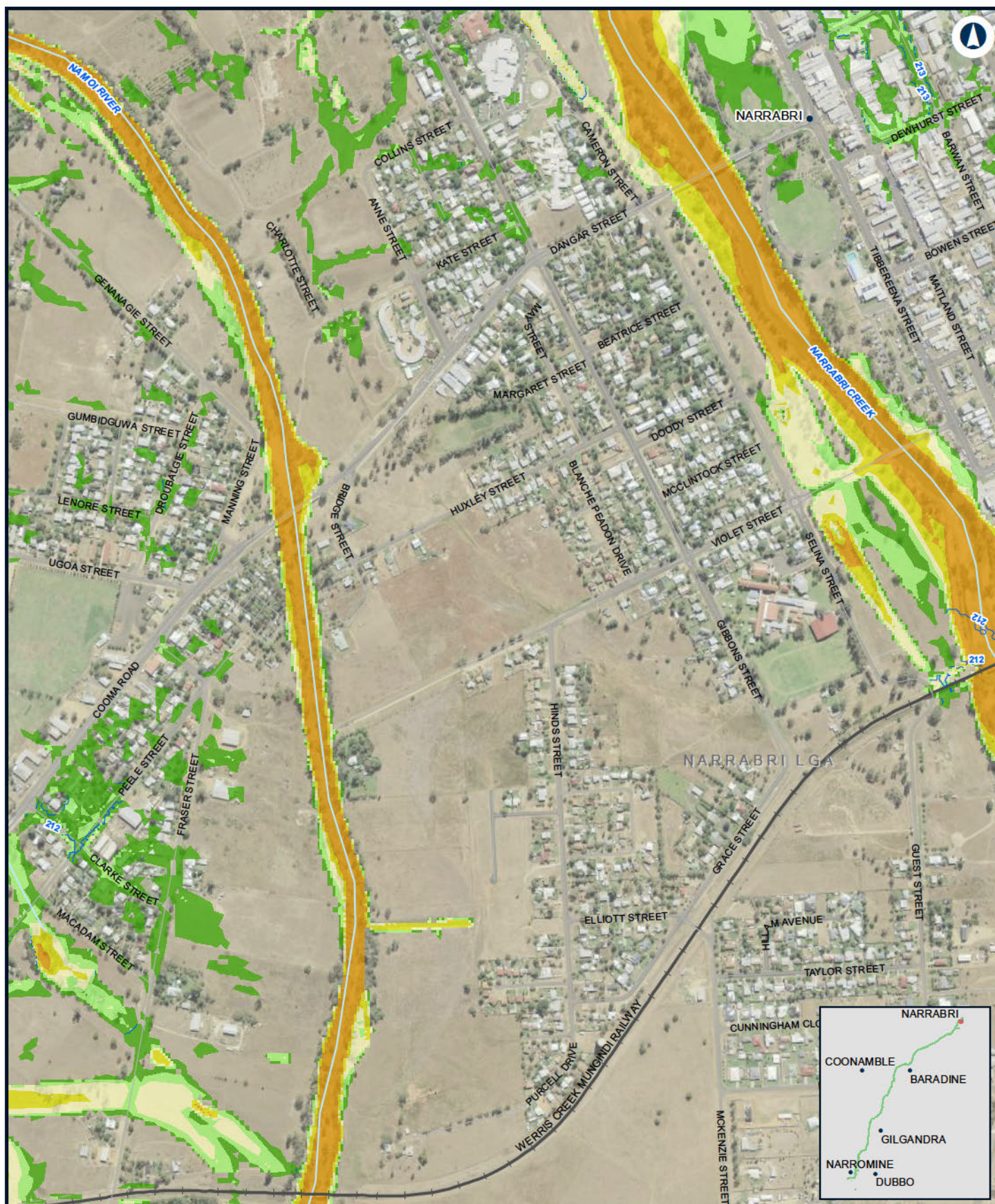
— Flood level (mAHD)

Flood depth

- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.11

0 0.1 0.2
Km

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LEGEND

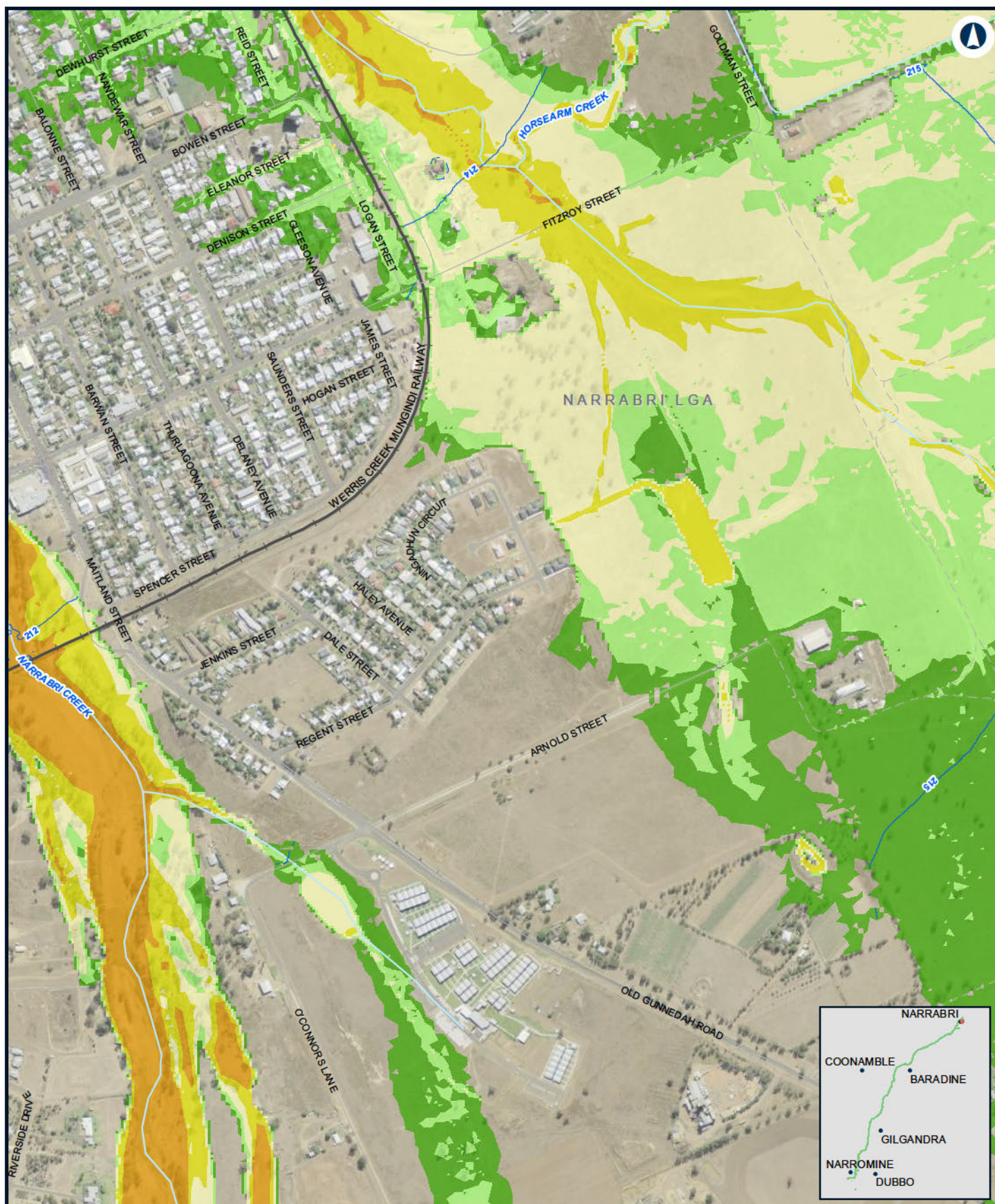
— Flood level (mAHD)

Flood depth

- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.12

0 0.1 0.2
Km

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LEGEND

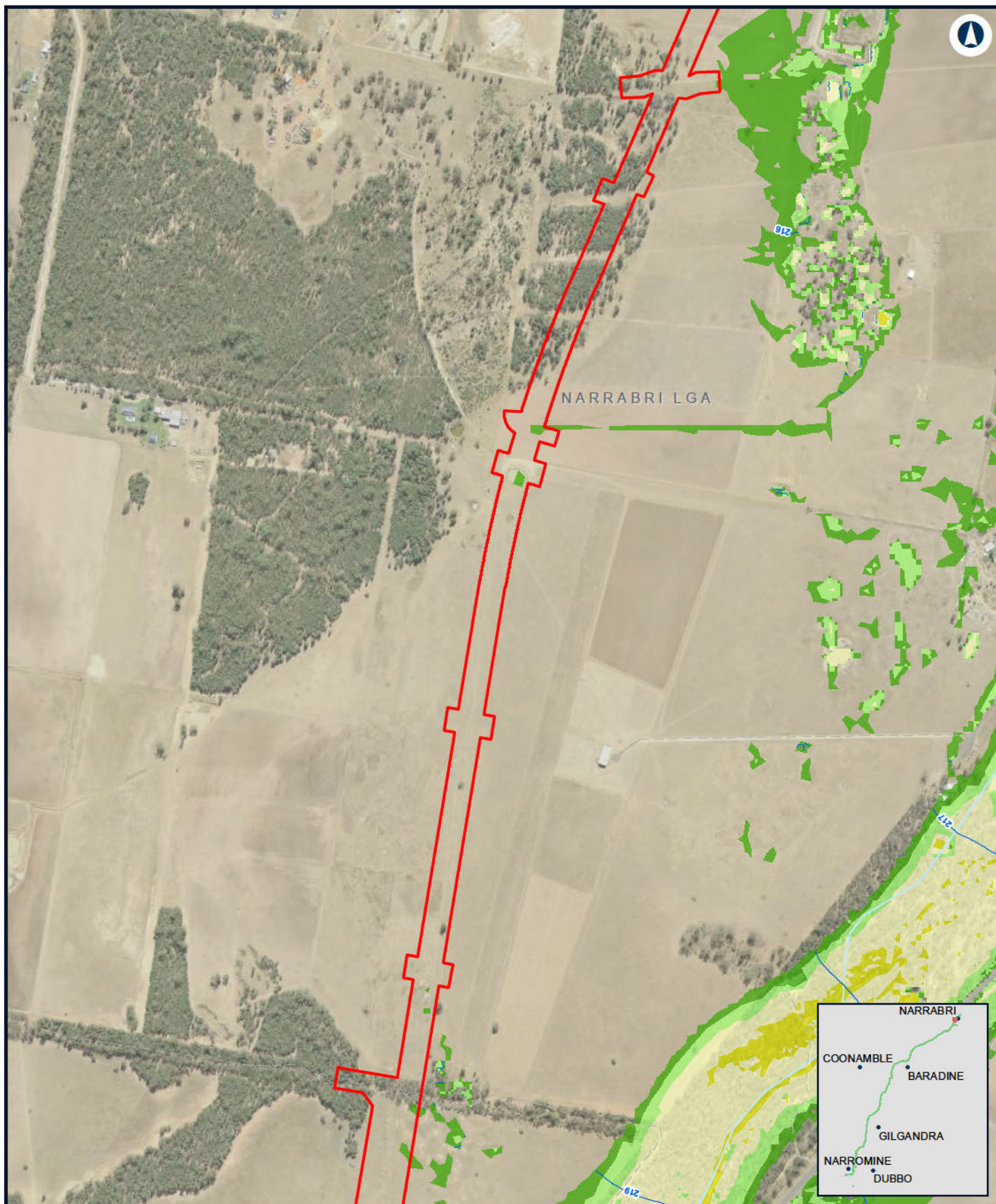
— Flood level (mAHD)

Flood depth

- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.13

0 0.1 0.2
Km

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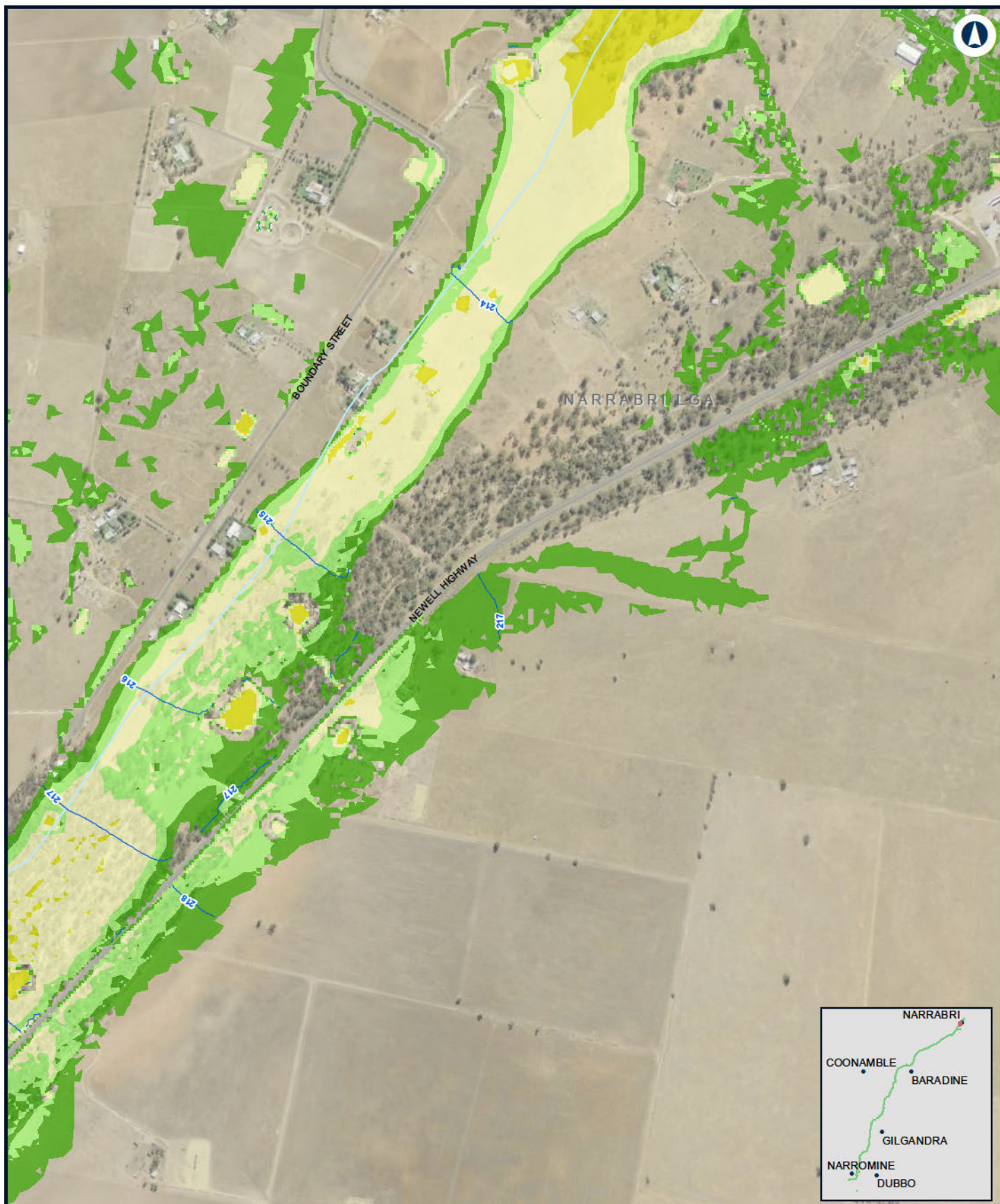
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Data Sources: Basemap layers: NSWSS;

LEGEND

- The proposal
- Flood level (mAHD)
- Flood depth**
 - 0.0m - 0.25m
 - 0.25m - 0.5m
 - 0.5m - 1.0m
 - 1.0m - 2.0m
 - > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.14

0 0.1 0.2
Km

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LEGEND

— Flood level (mAHD)

Flood depth

- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.15

0 0.1 0.2
Km

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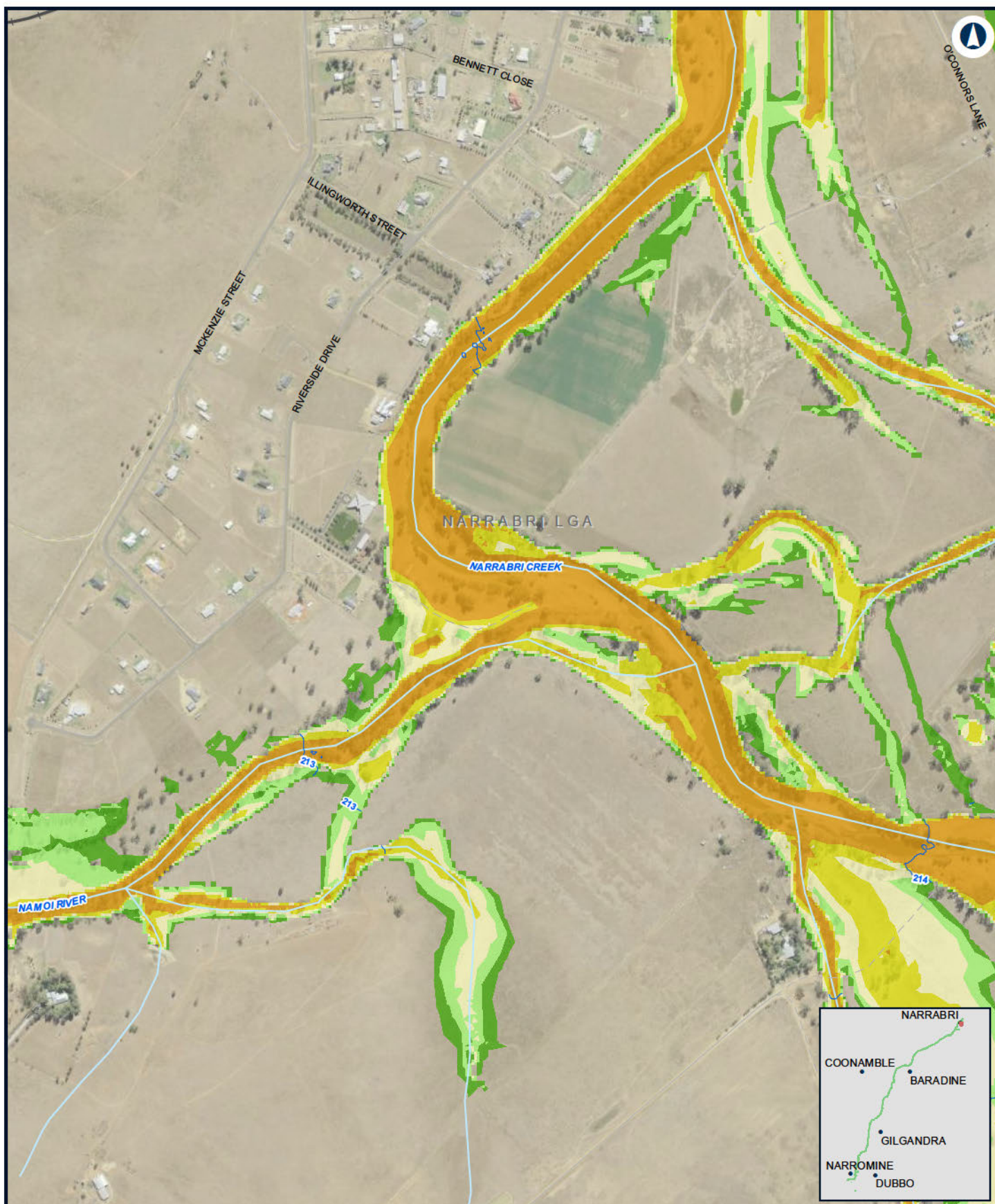
— Flood level (mAHD)

Flood depth

- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP - Narrabri Local

Appendix A - Figure 1.25.16

0 0.1 0.2
Km

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LEGEND

— Flood level (mAHD)

Flood depth

- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.1

0 0.1 0.2
Km

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

LEGEND

 The proposal site

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.2

0 0.1 0.2
Km

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LEGEND

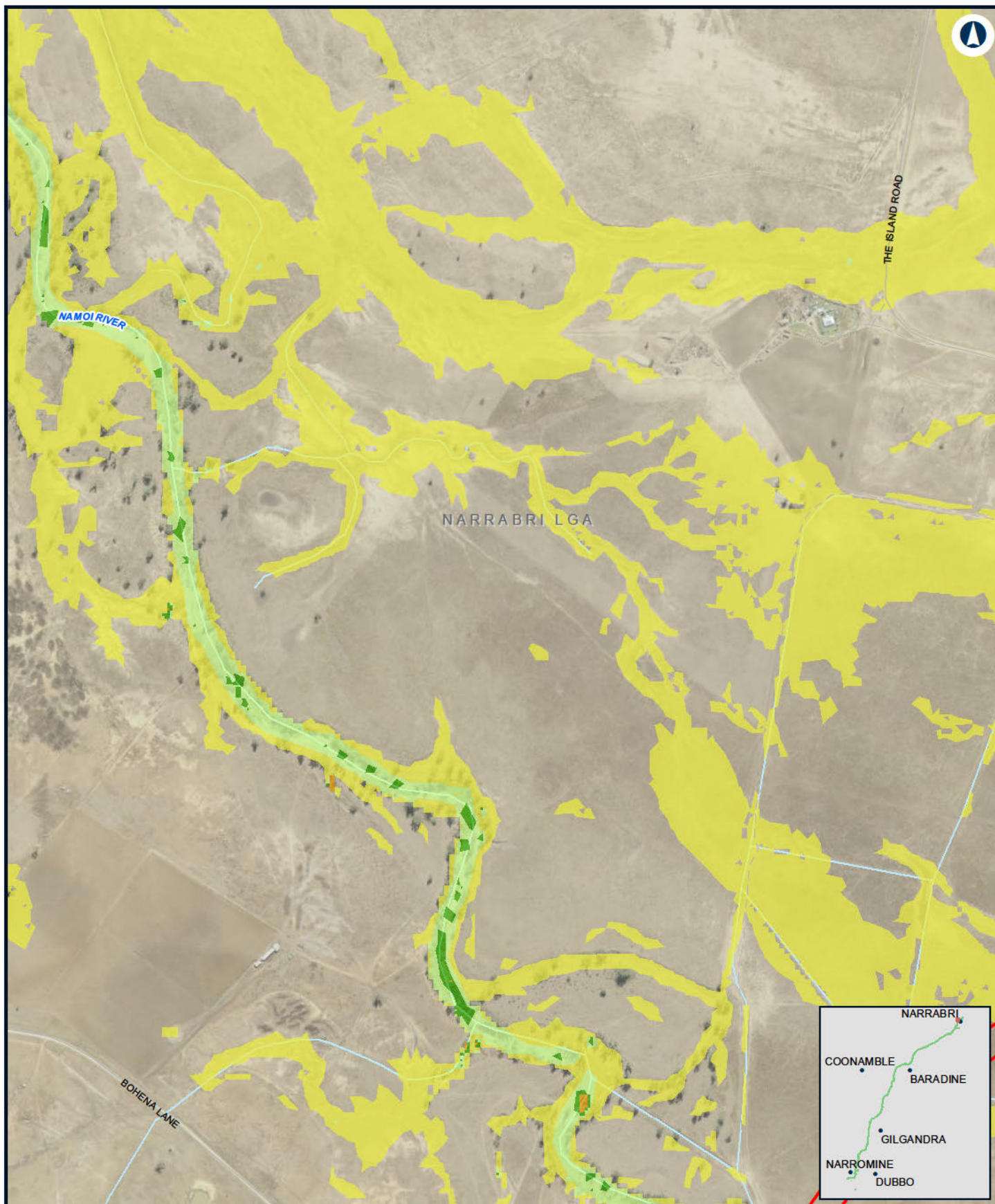
 The proposal site

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.3

0 0.1 0.2
Km

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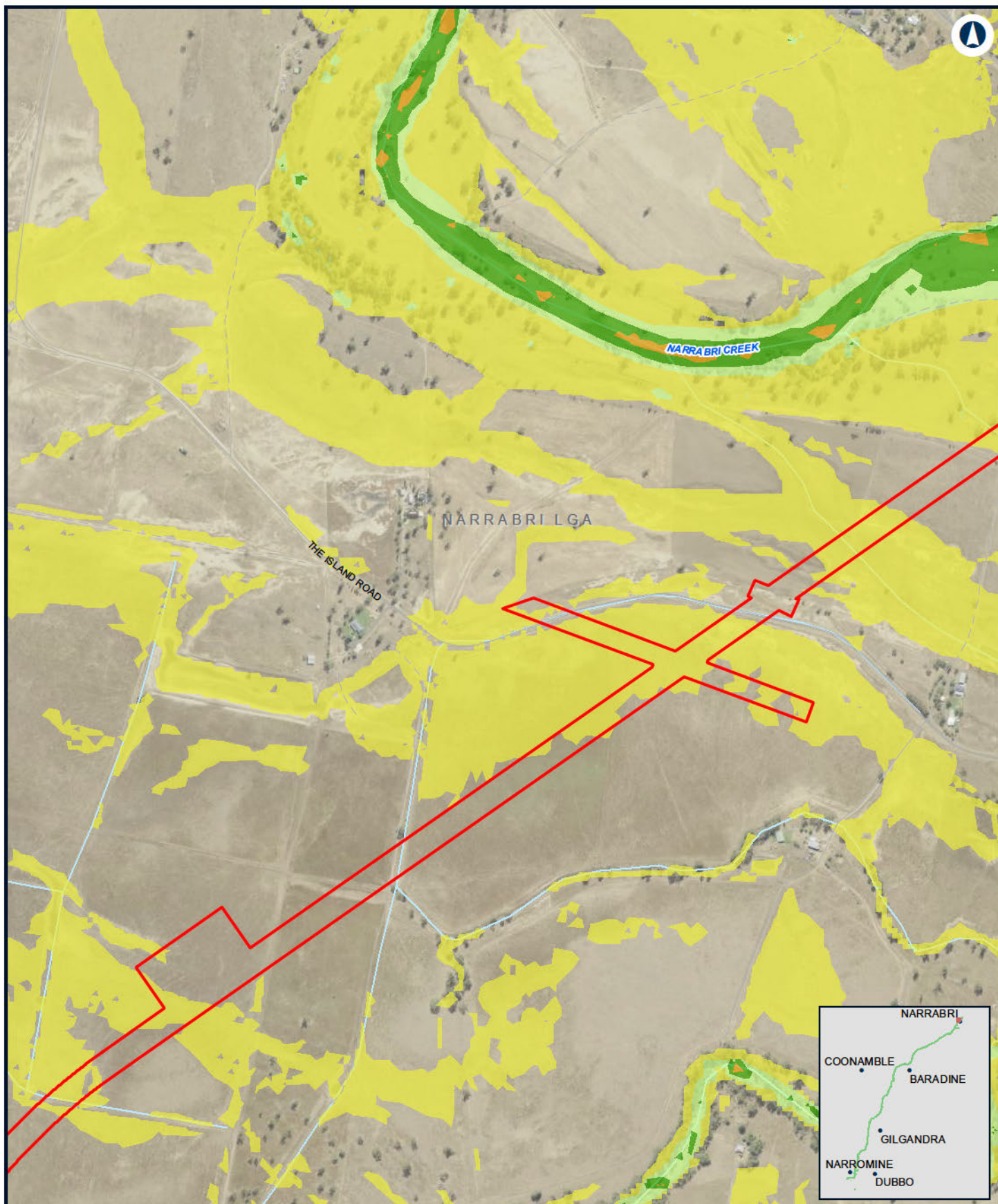
The proposal site

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.4

0 0.1 0.2
Km

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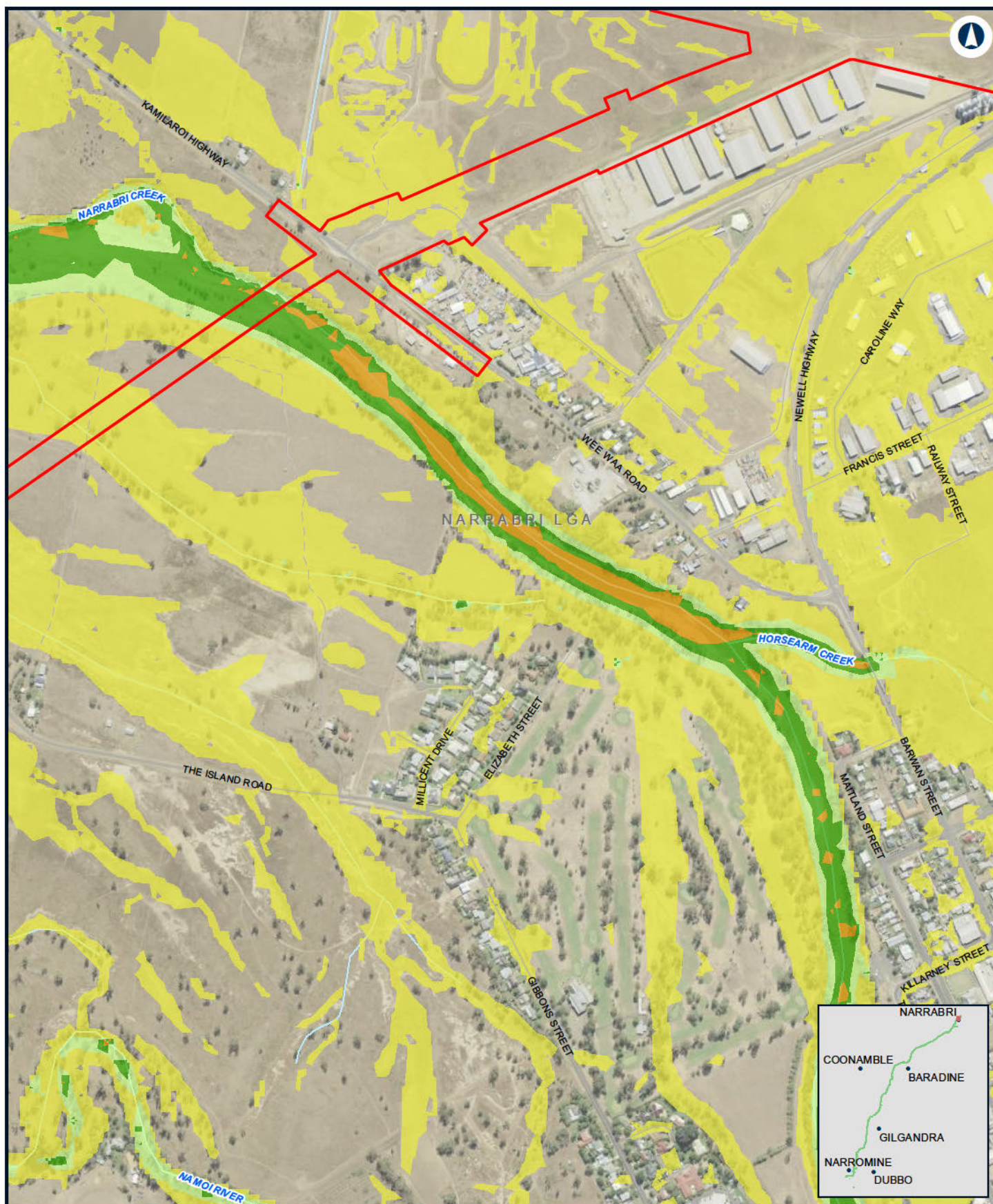
The proposal site

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.5

0 0.1 0.2
Km

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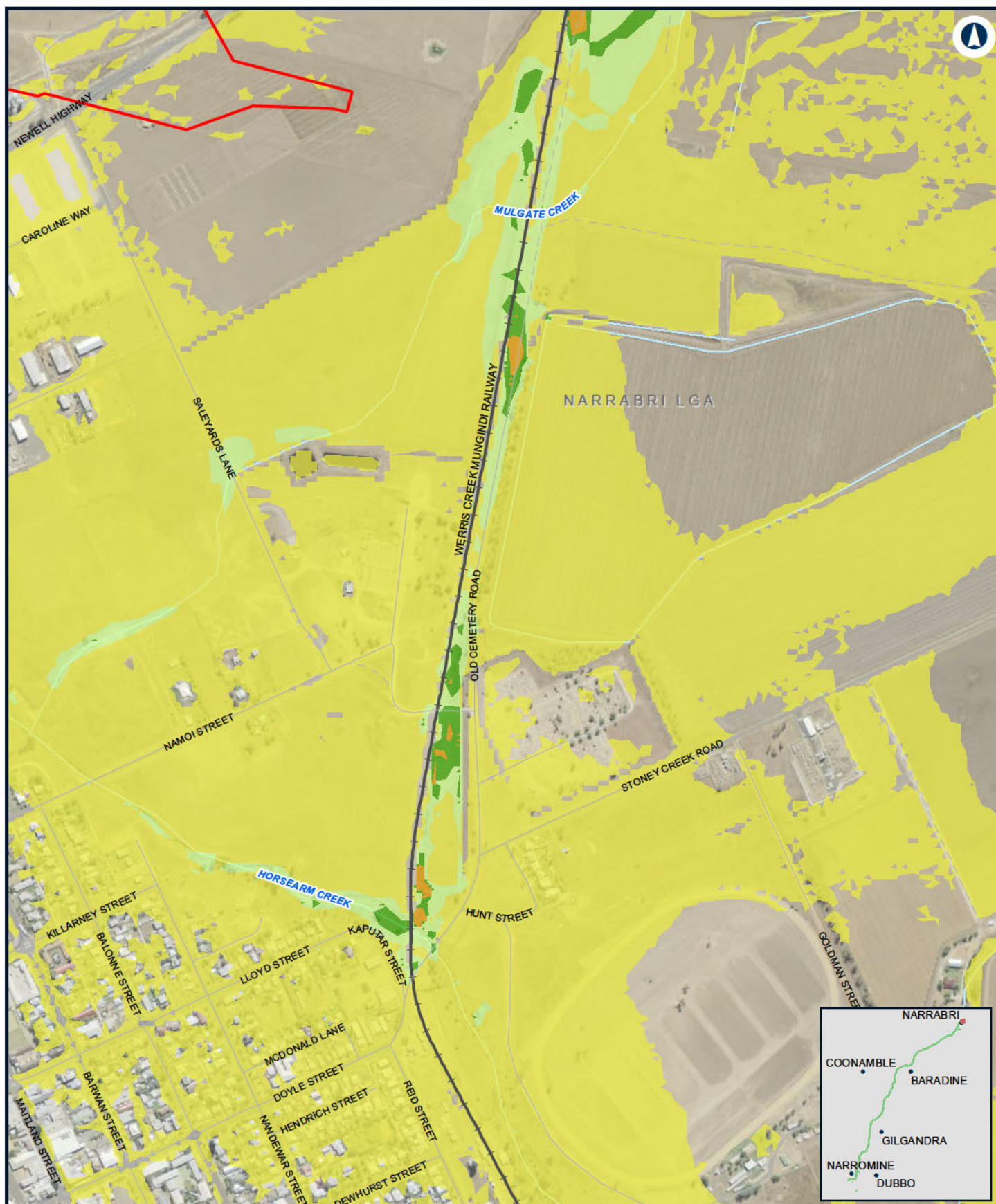
 The proposal site

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

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

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.6

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

LEGEND

 The proposal site

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.7

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

**INLAND
RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.8

0 0.1 0.2
Km

LEGEND

The proposal site

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022

Paper: A4

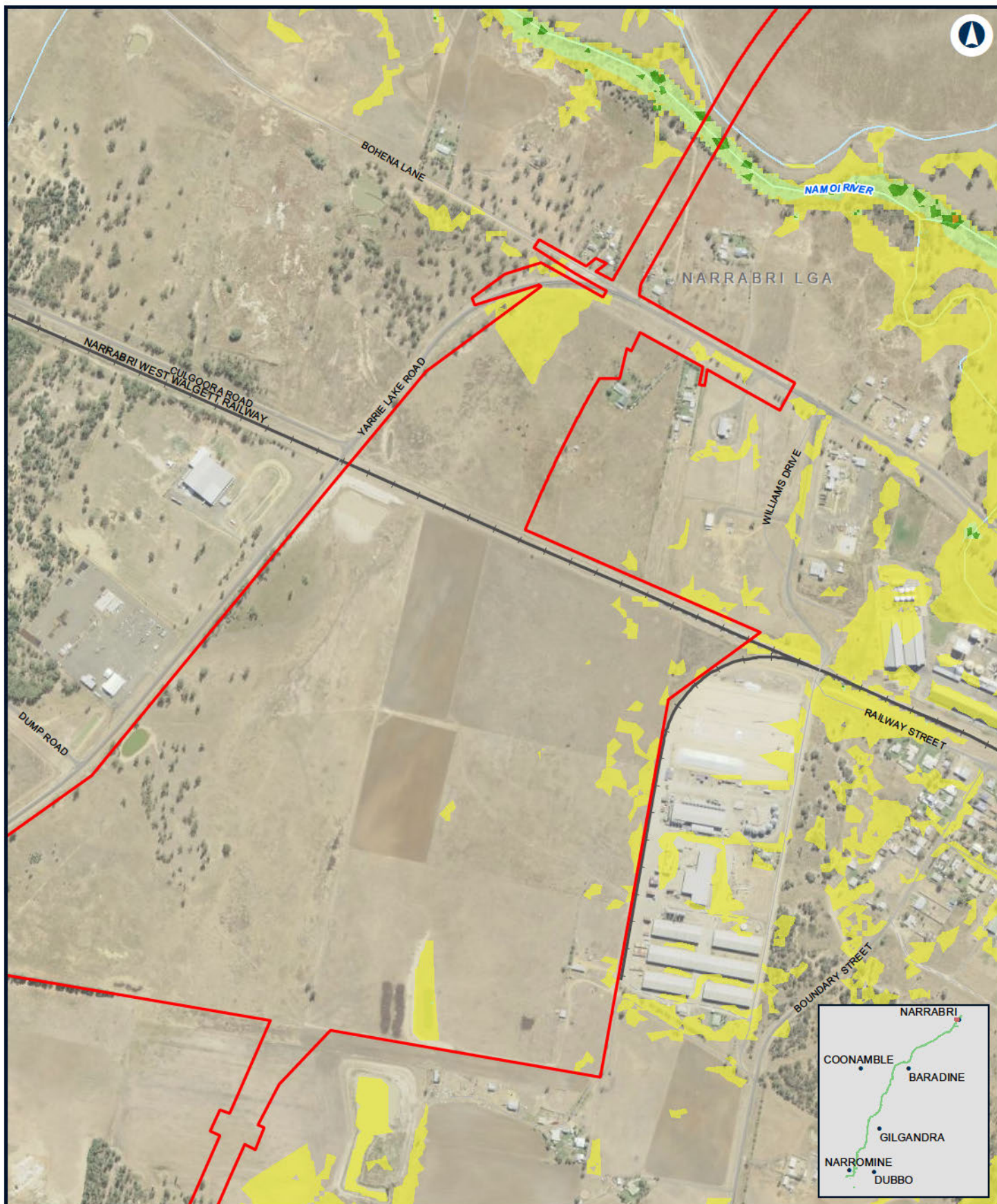
Author: JacobsGHD

Scale: 1:10,000

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

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.9

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

LEGEND

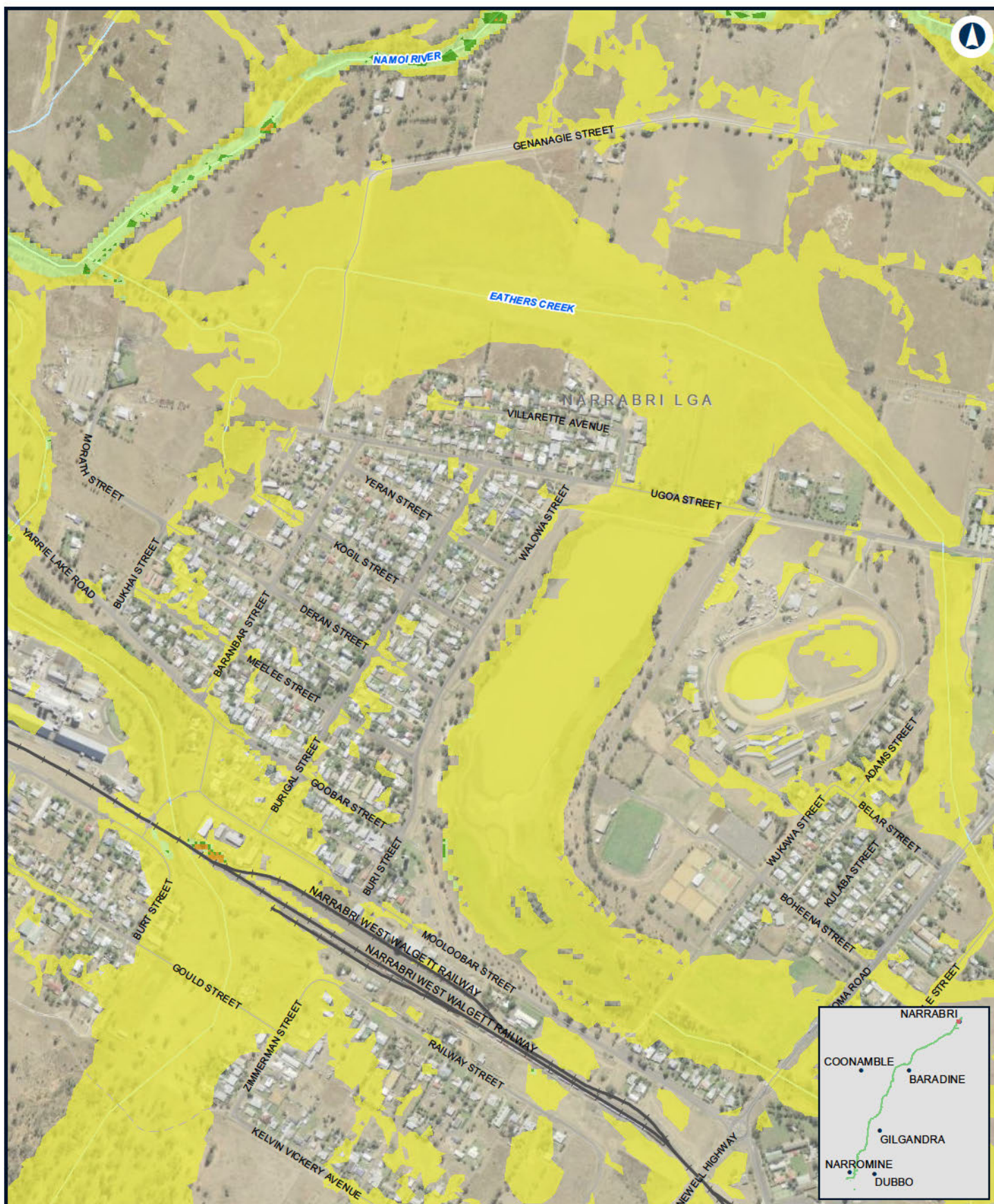
 The proposal site

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.10

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

LEGEND

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.11

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4
Scale: 1:10,000

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

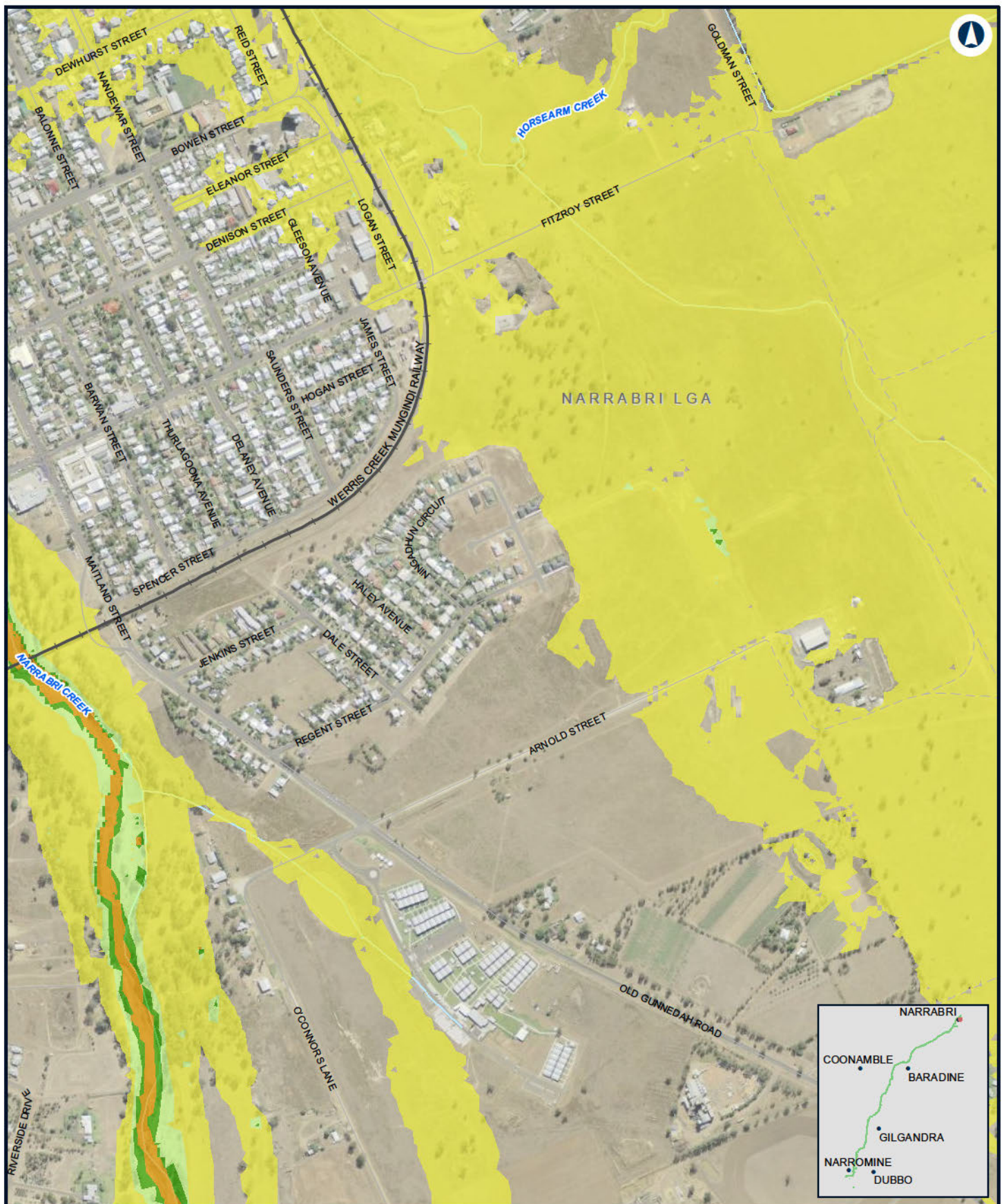
LEGEND

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.12

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

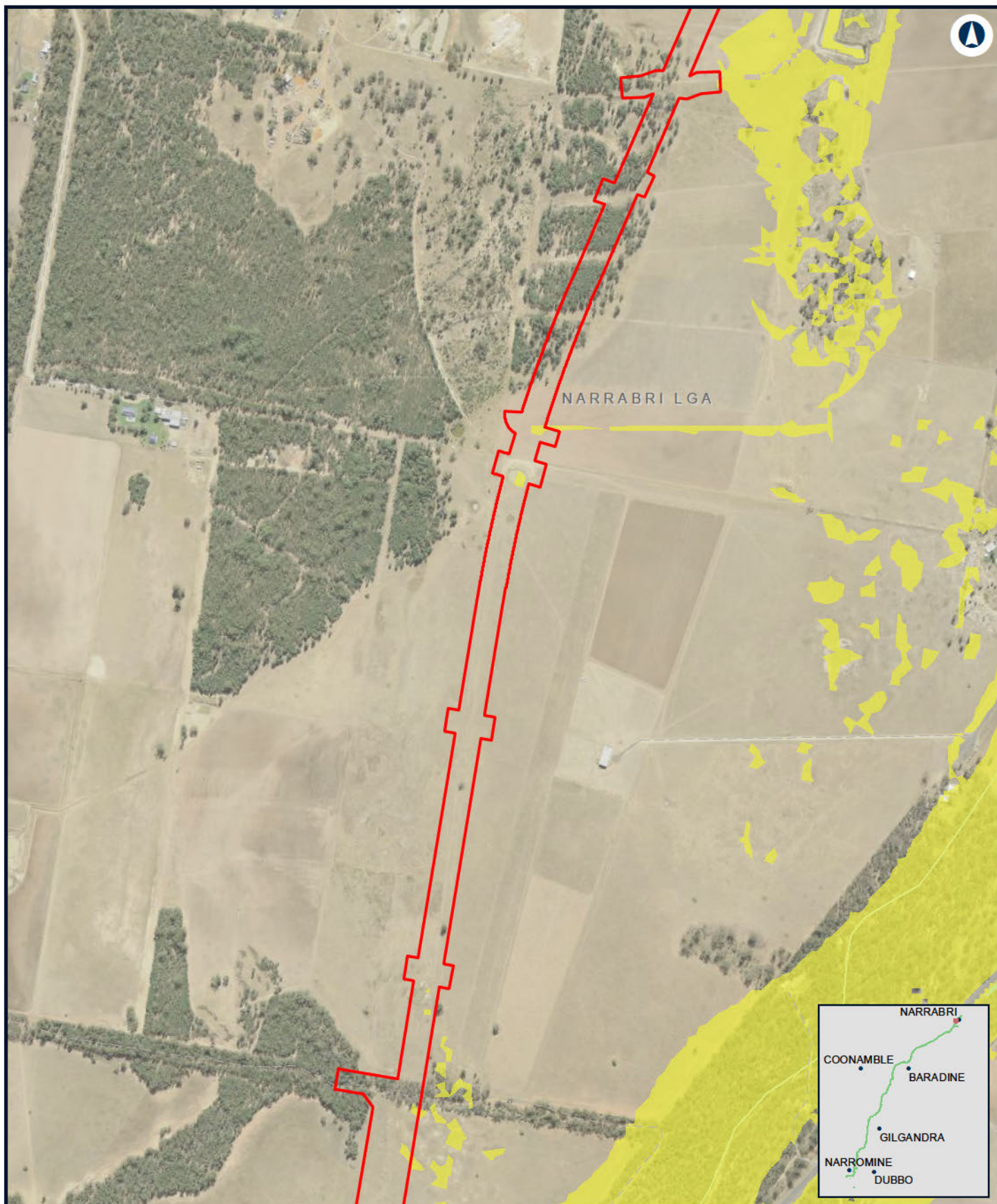
LEGEND

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.13

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

LEGEND

The proposal site

Flood velocity

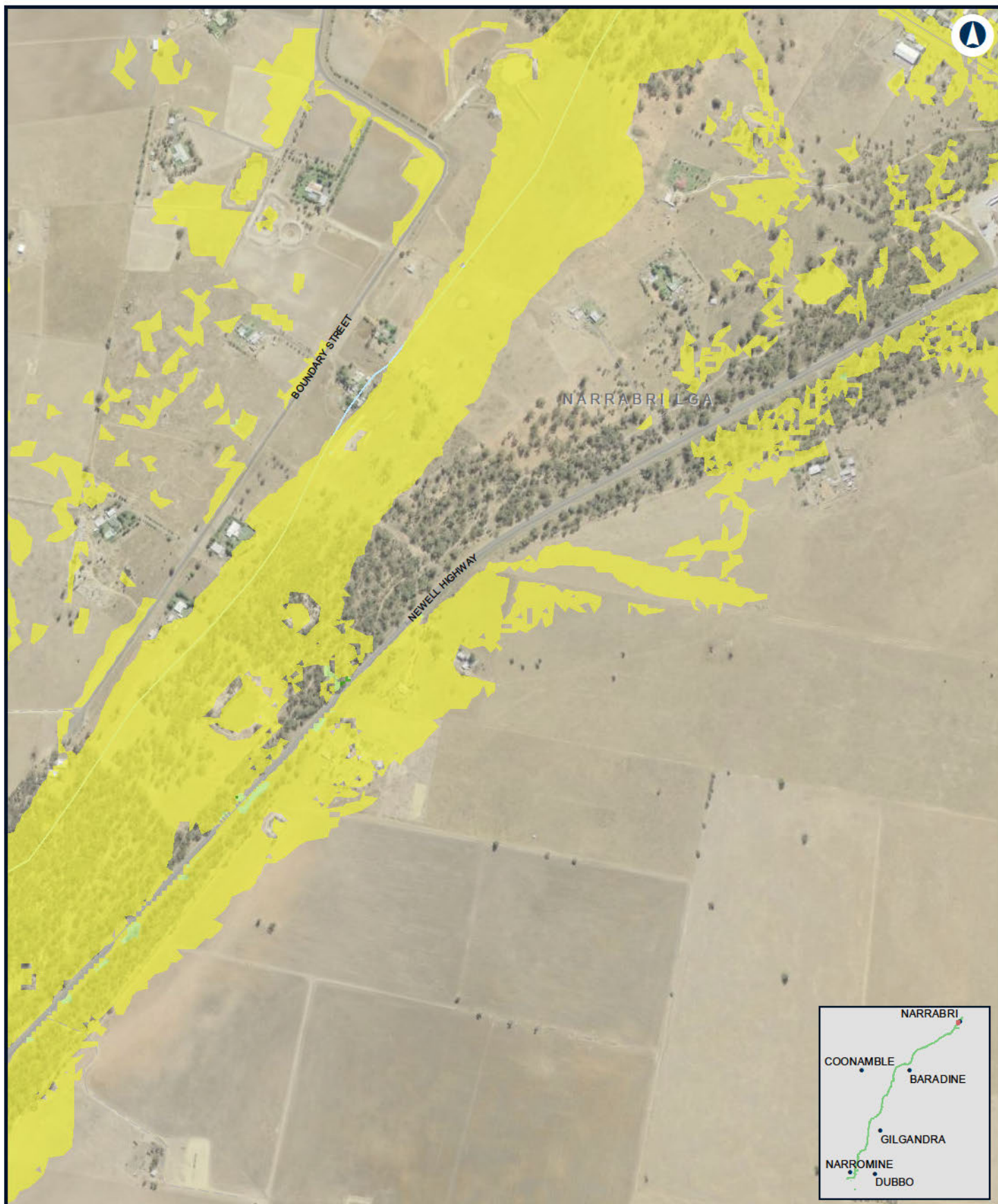
0.0m/s - 1.0m/s

1.0m/s - 1.5m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.14

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

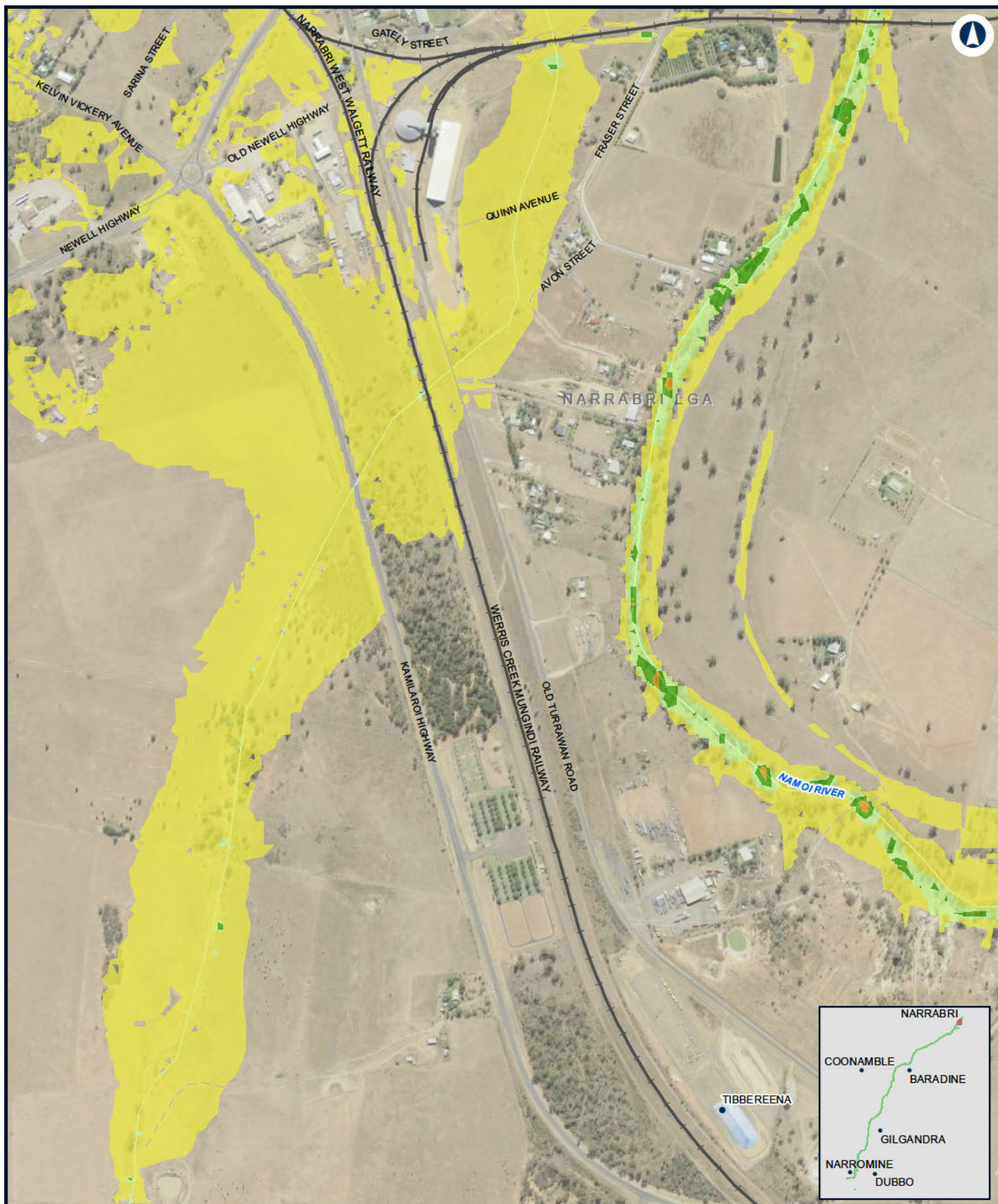
LEGEND

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.15

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

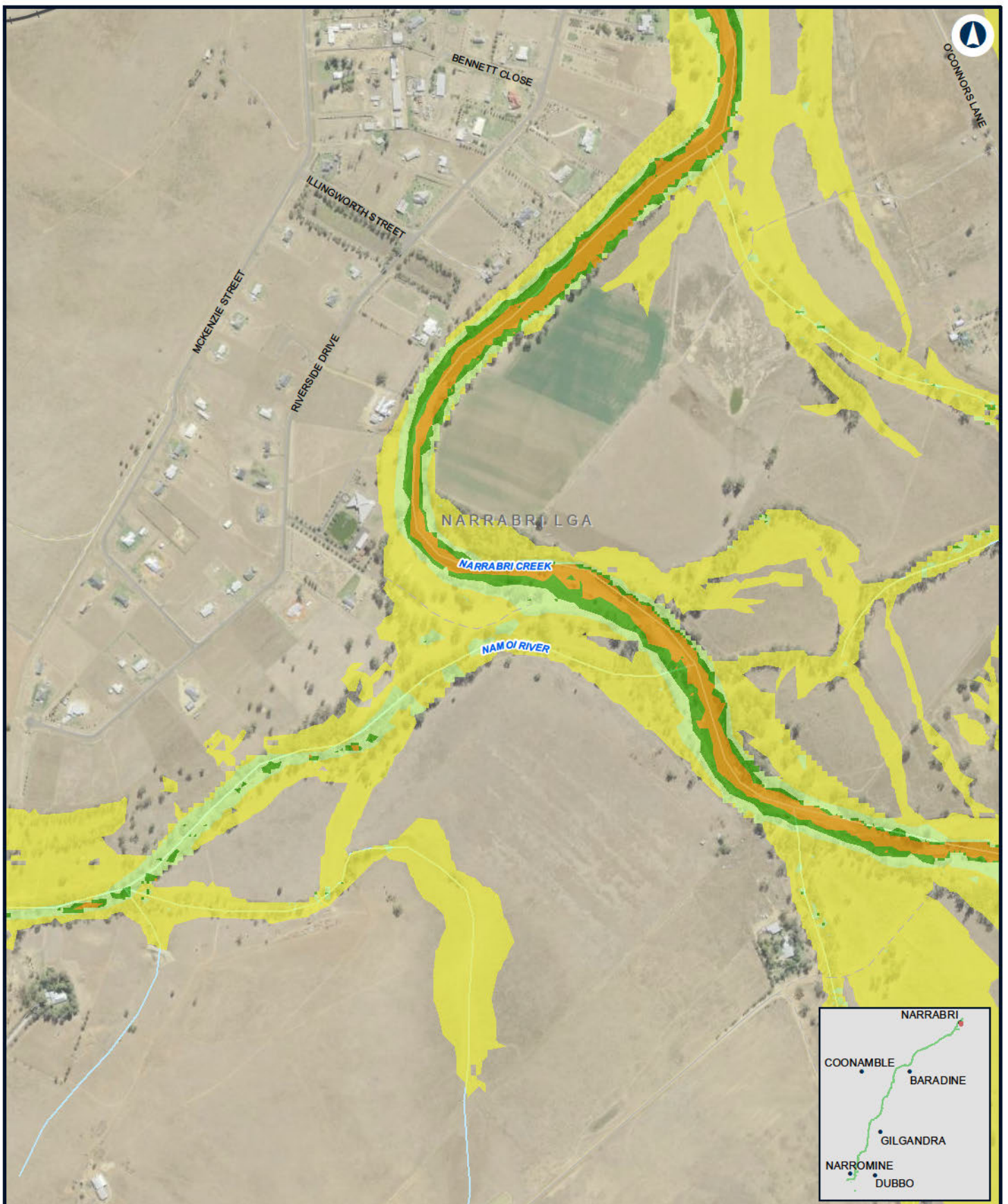
LEGEND

Flood velocity

- 0.0m/s - 1.0m/s
- 1.0m/s - 1.5m/s
- 1.5m/s - 2.0m/s
- > 2.0m/s

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Local

Appendix A - Figure 1.26.16

0 0.1 0.2
Km

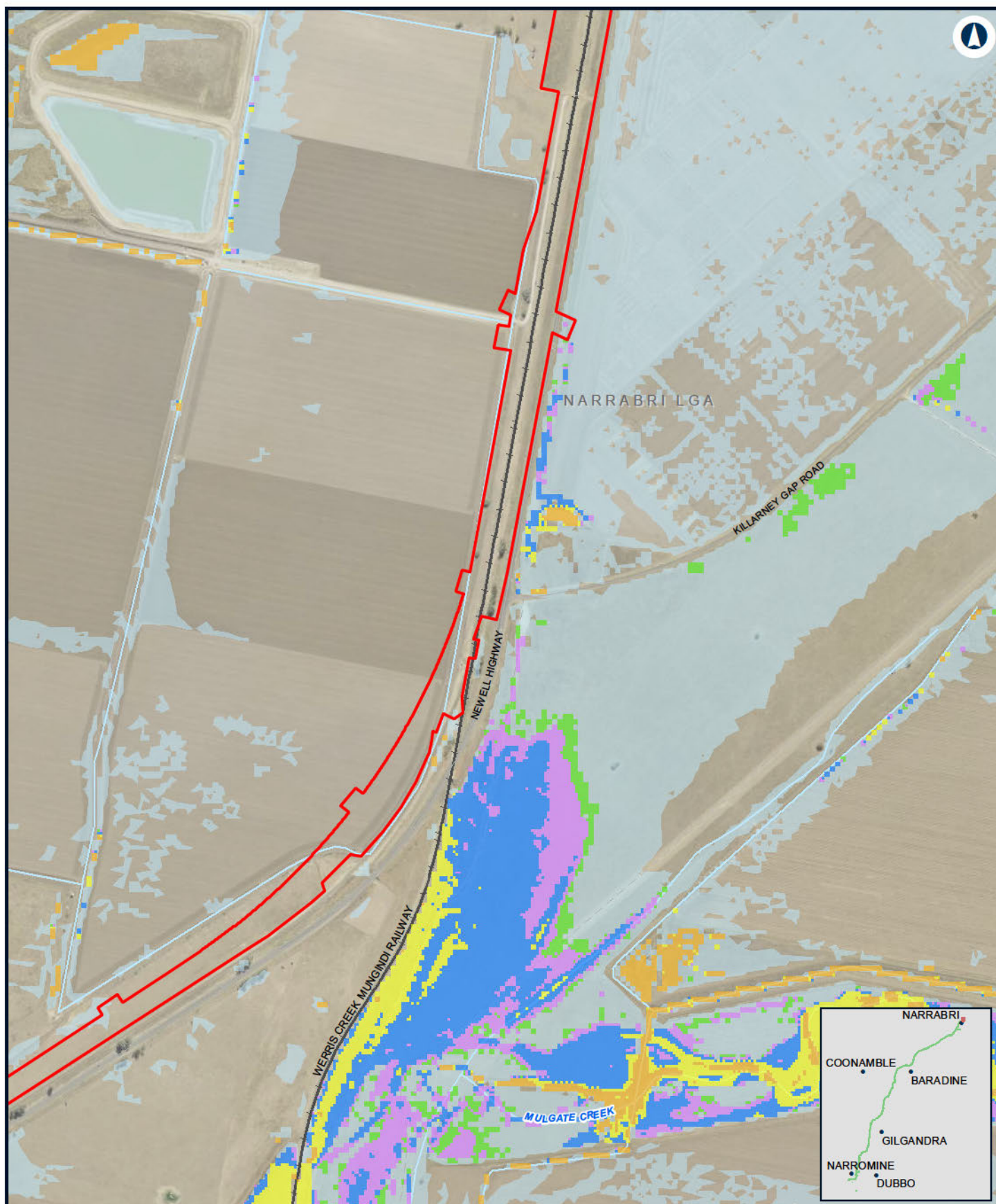
Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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



NARRABRI TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.1

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

LEGEND

 The proposal site

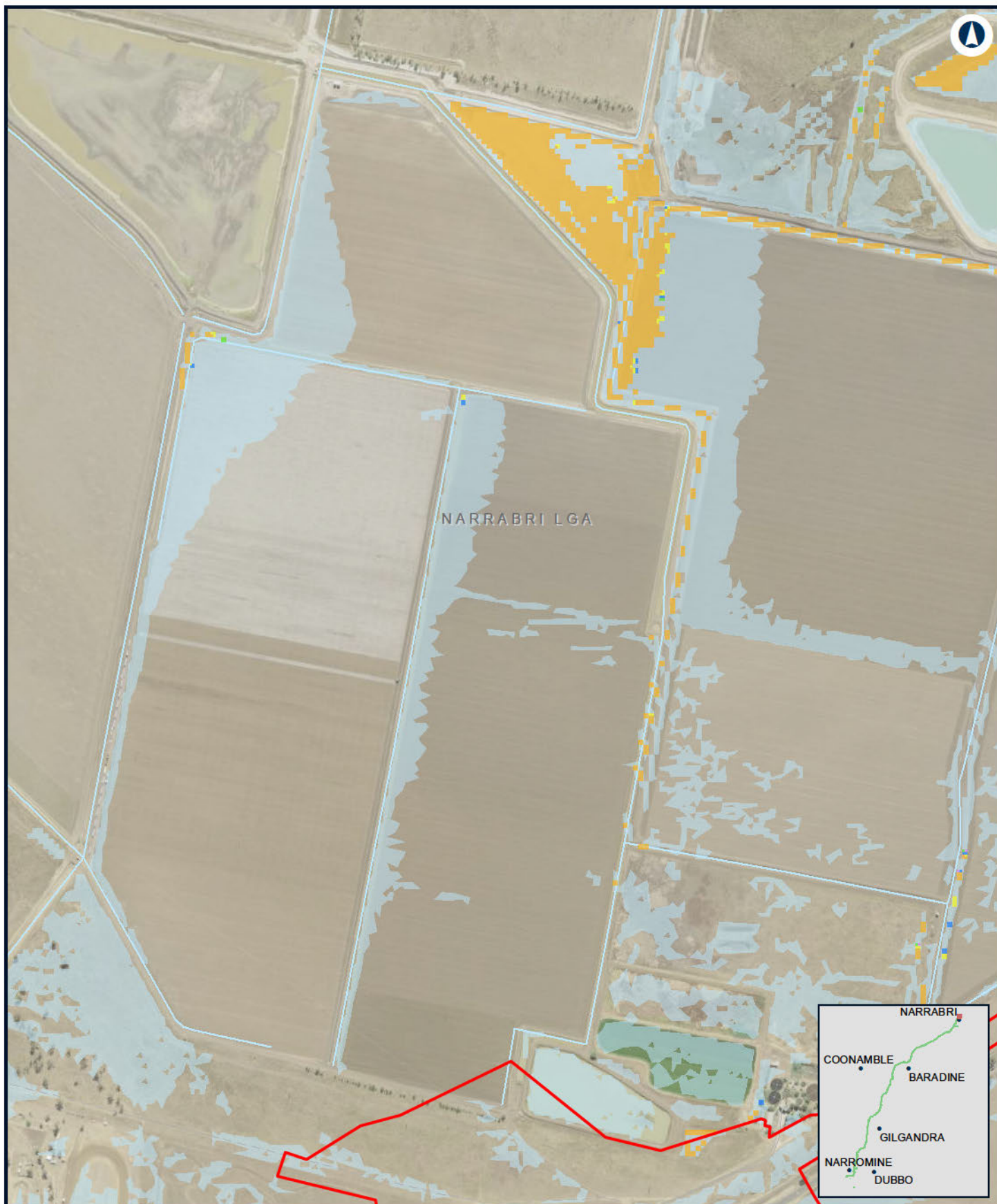
Duration (hrs)

- 0 - 3hrs
- 3hrs - 6hrs
- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.2

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

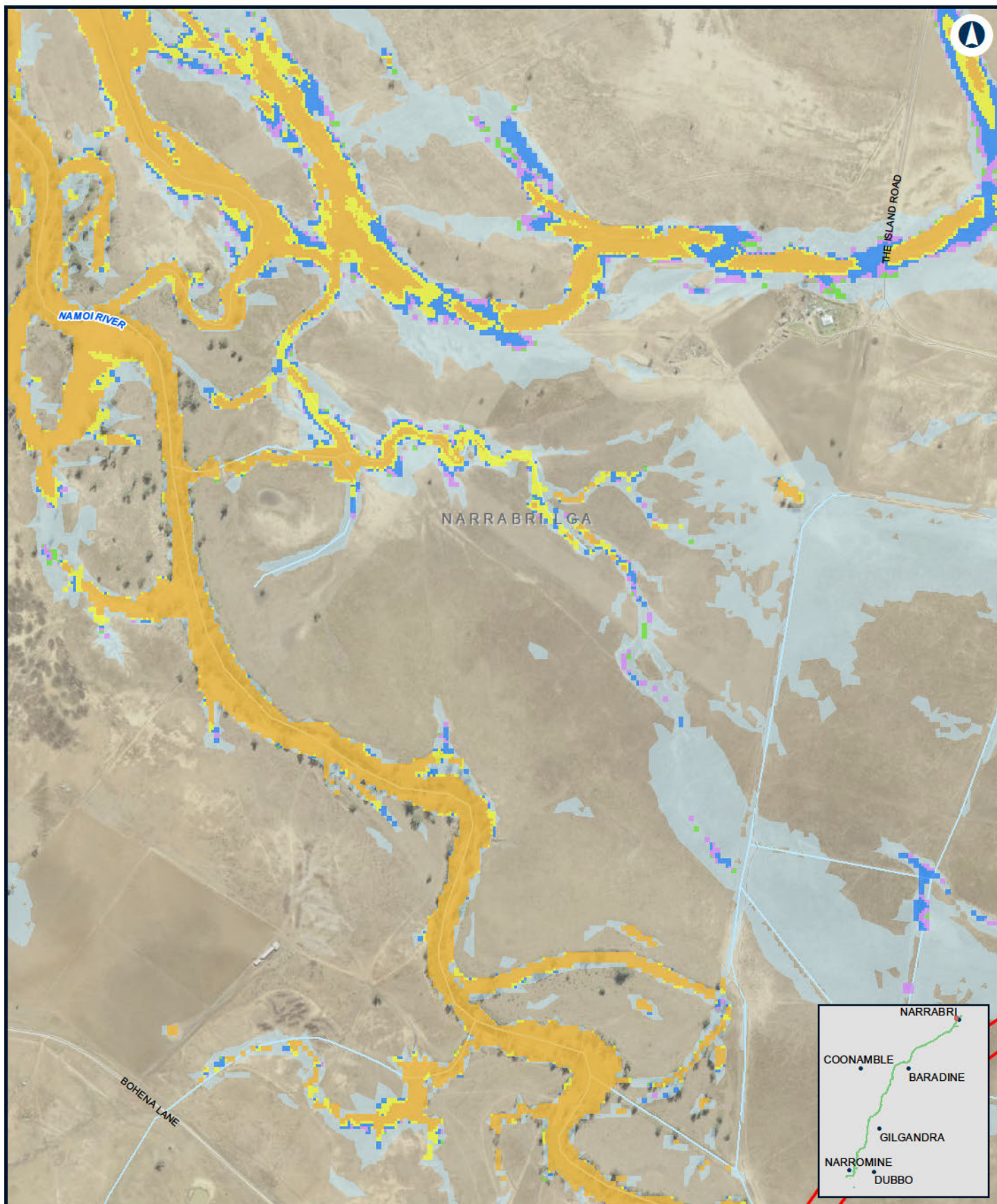
Duration (hrs)

0 - 3hrs
 3hrs - 6hrs
 6hrs - 12hrs
 12hrs - 24hrs
 > 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.3

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000

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

LEGEND

The proposal site

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

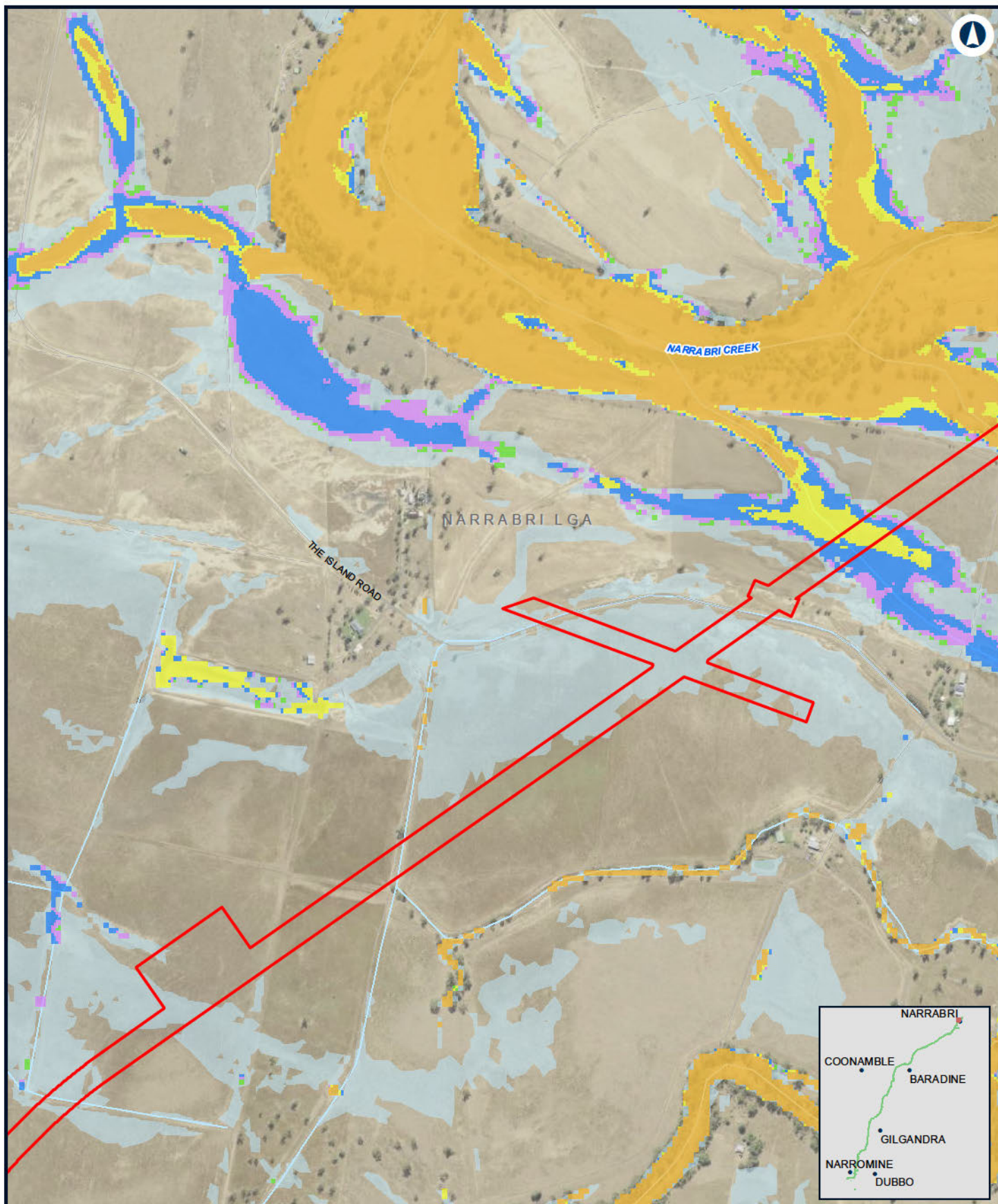
12hrs - 24hrs

> 24hrs

Flood extent

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.4

0 0.1 0.2
Km

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Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

The proposal site

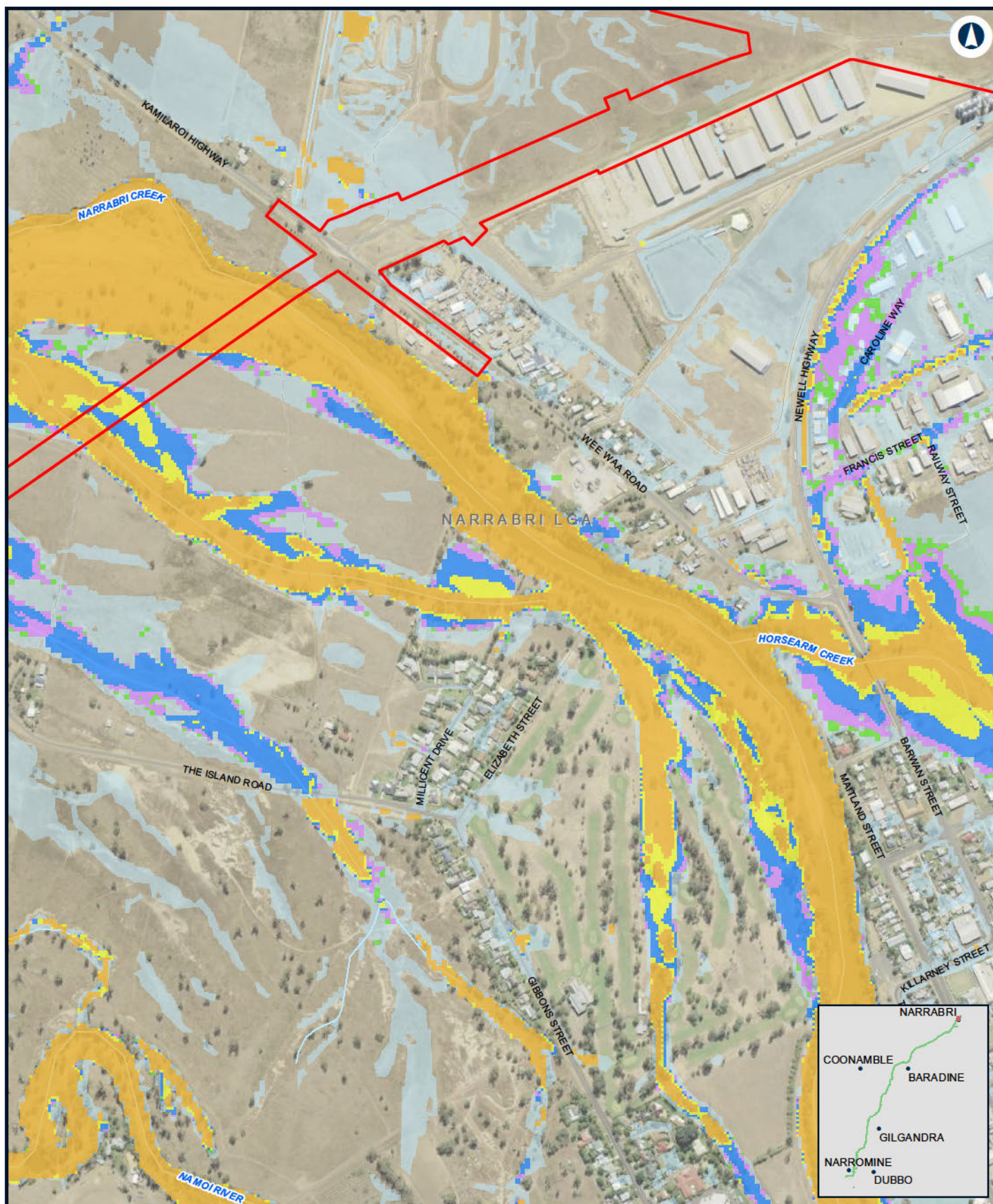
Duration (hrs)

- 0 - 3hrs
- 3hrs - 6hrs
- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.5

0 0.1 0.2
Km

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Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000

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

LEGEND

 The proposal site

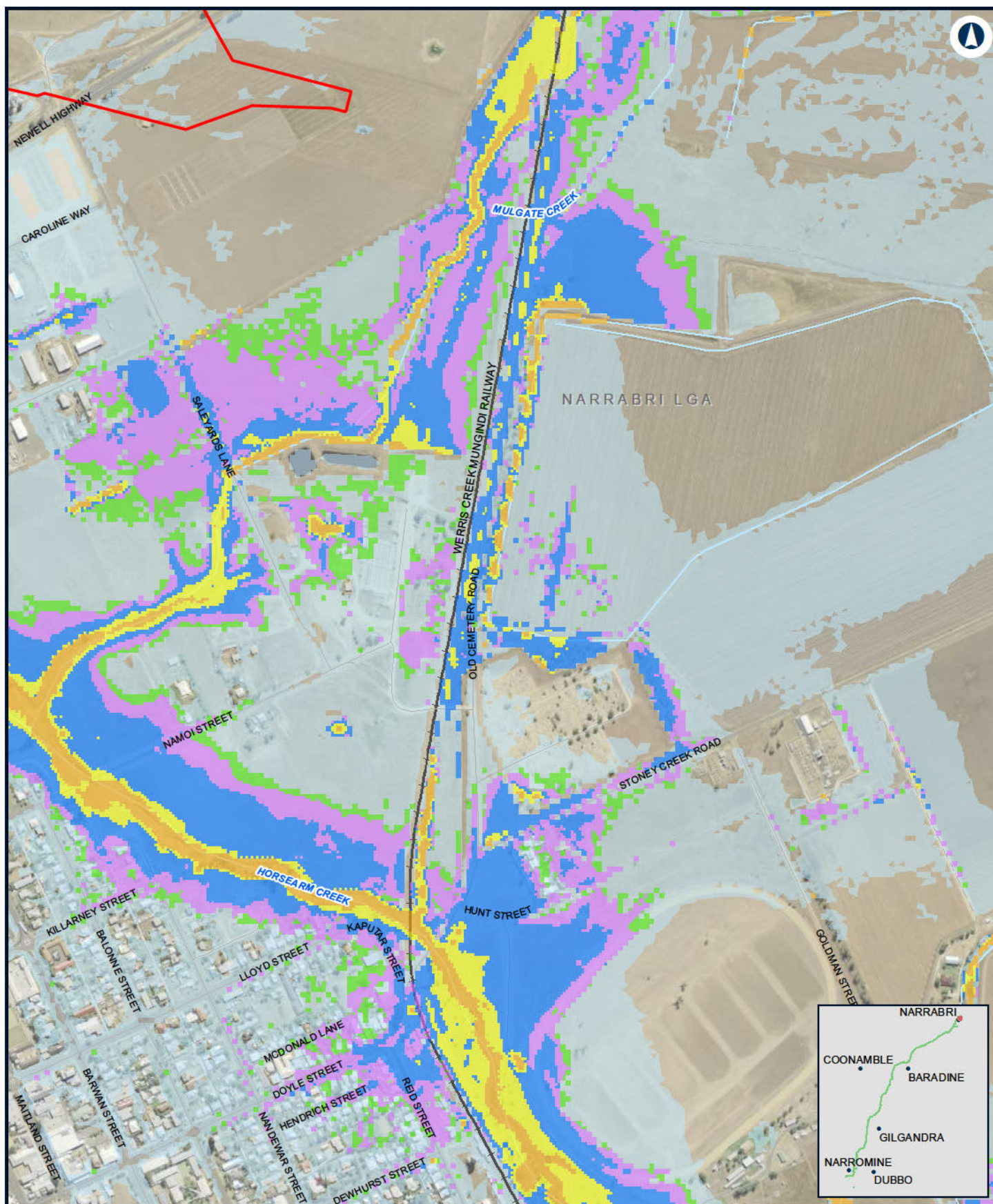
Duration (hrs)

- 0 - 3hrs
- 3hrs - 6hrs
- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.6

0 0.1 0.2
Km

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Date: 15/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

 The proposal site

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

12hrs - 24hrs

> 24hrs

Flood extent

**INLAND
RAIL**

ARTC

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.7

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 55

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

**INLAND
RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.8

0 0.1 0.2
Km

LEGEND

The proposal site

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4

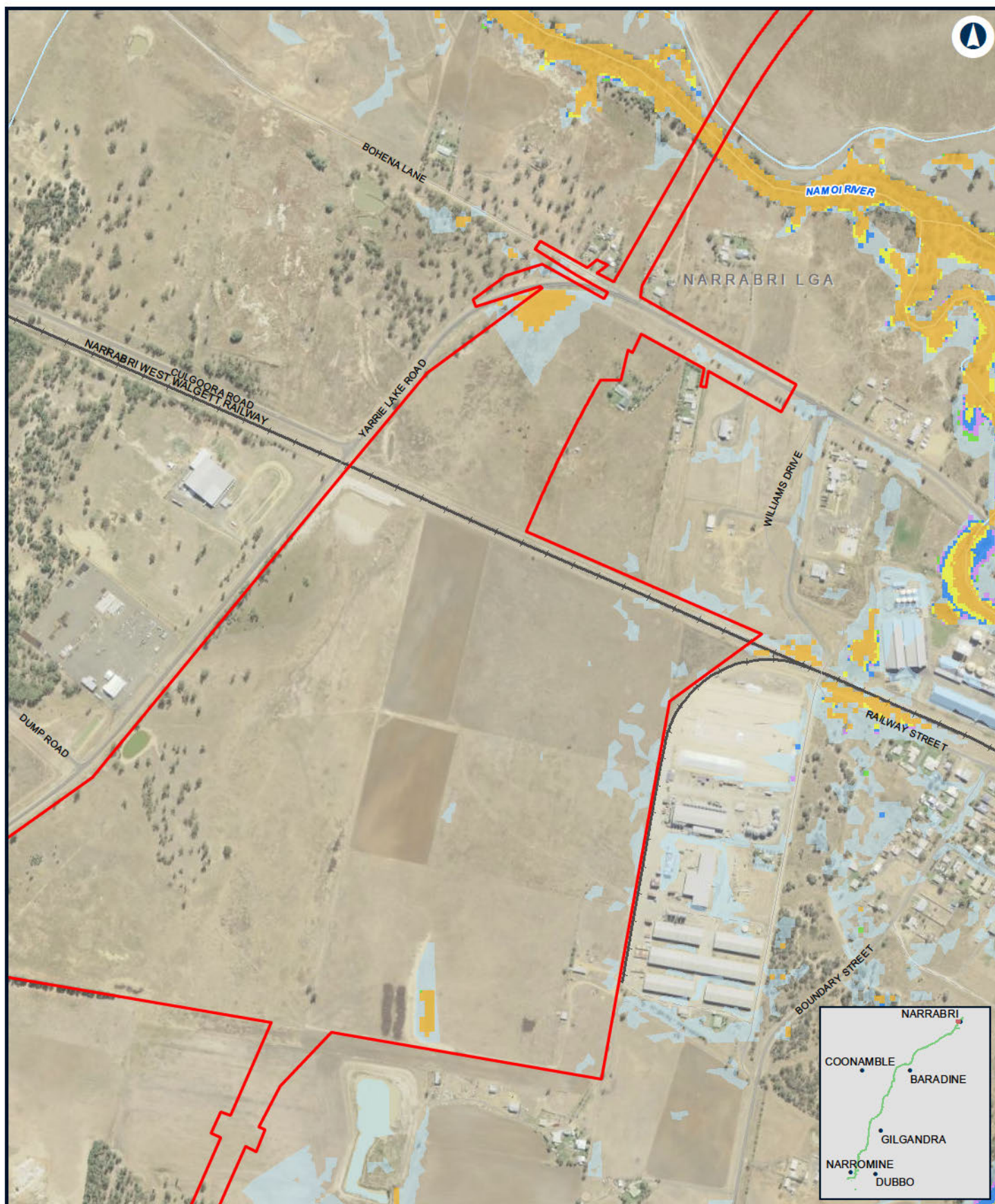
Author: JacobsGHD

Scale: 1:10,000

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

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.9

0 0.1 0.2
Km

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Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

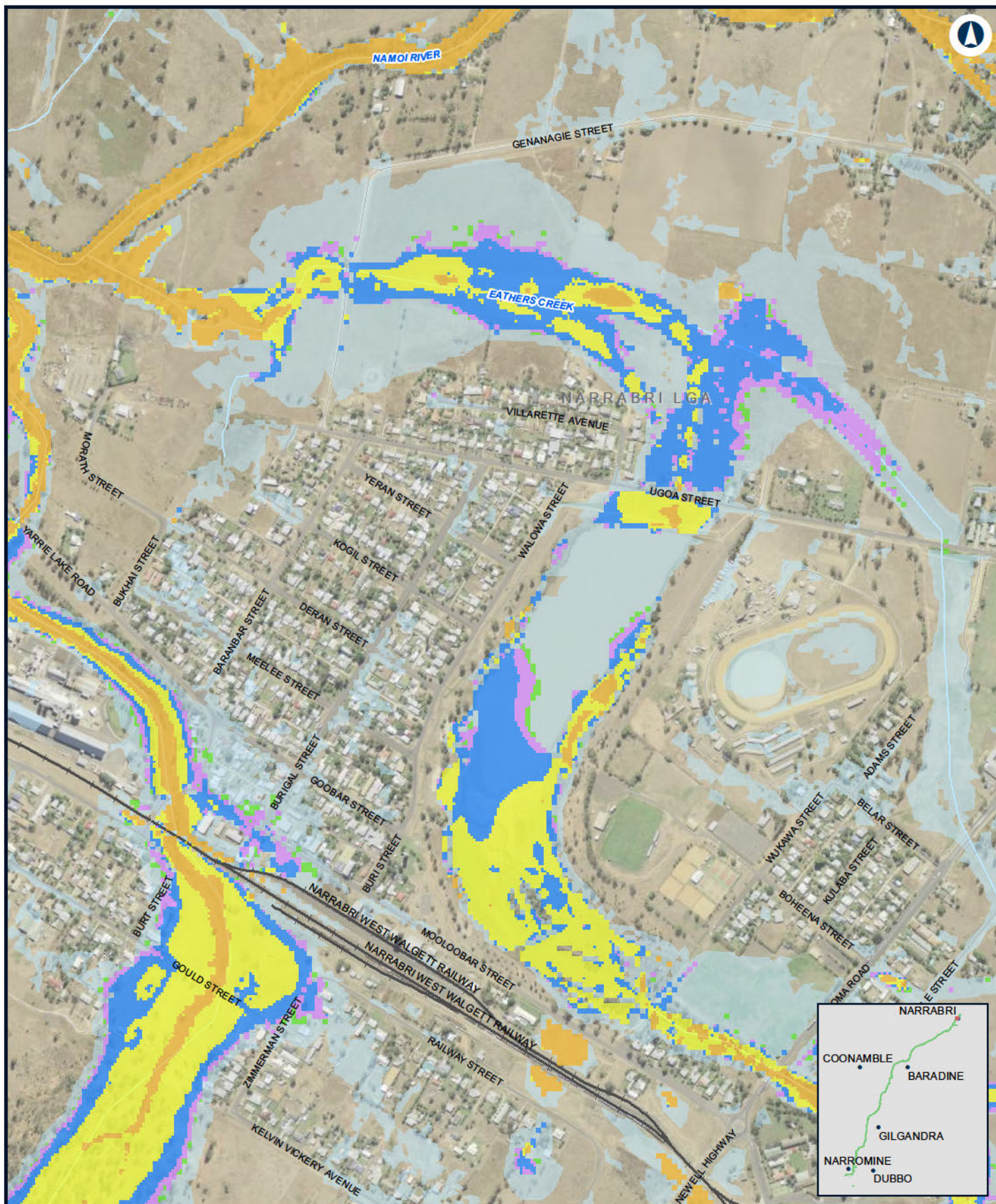
12hrs - 24hrs

> 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.10

0 0.1 0.2
Km

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

12hrs - 24hrs

> 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.11

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

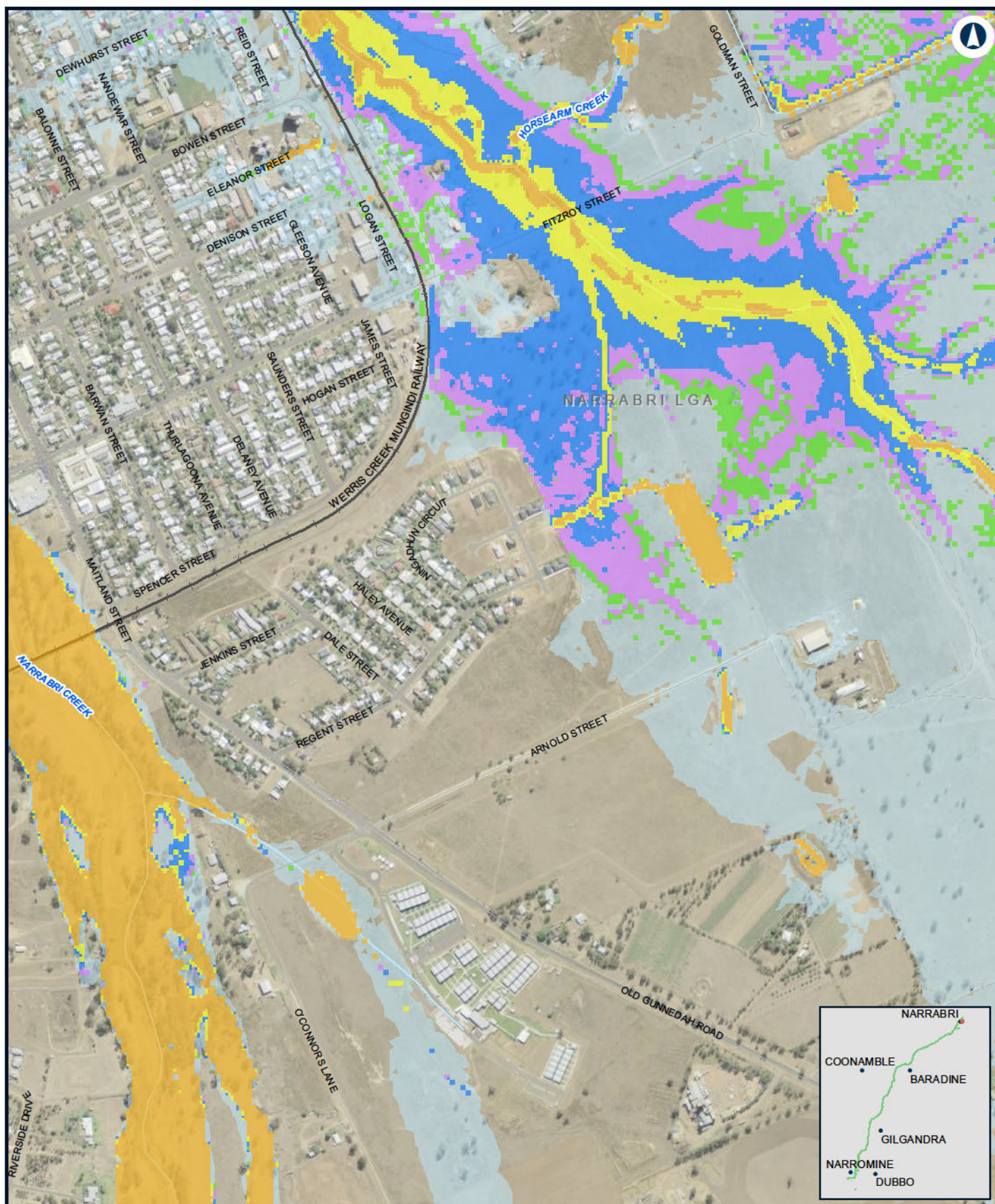
12hrs - 24hrs

> 24hrs

Flood extent

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

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.12

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

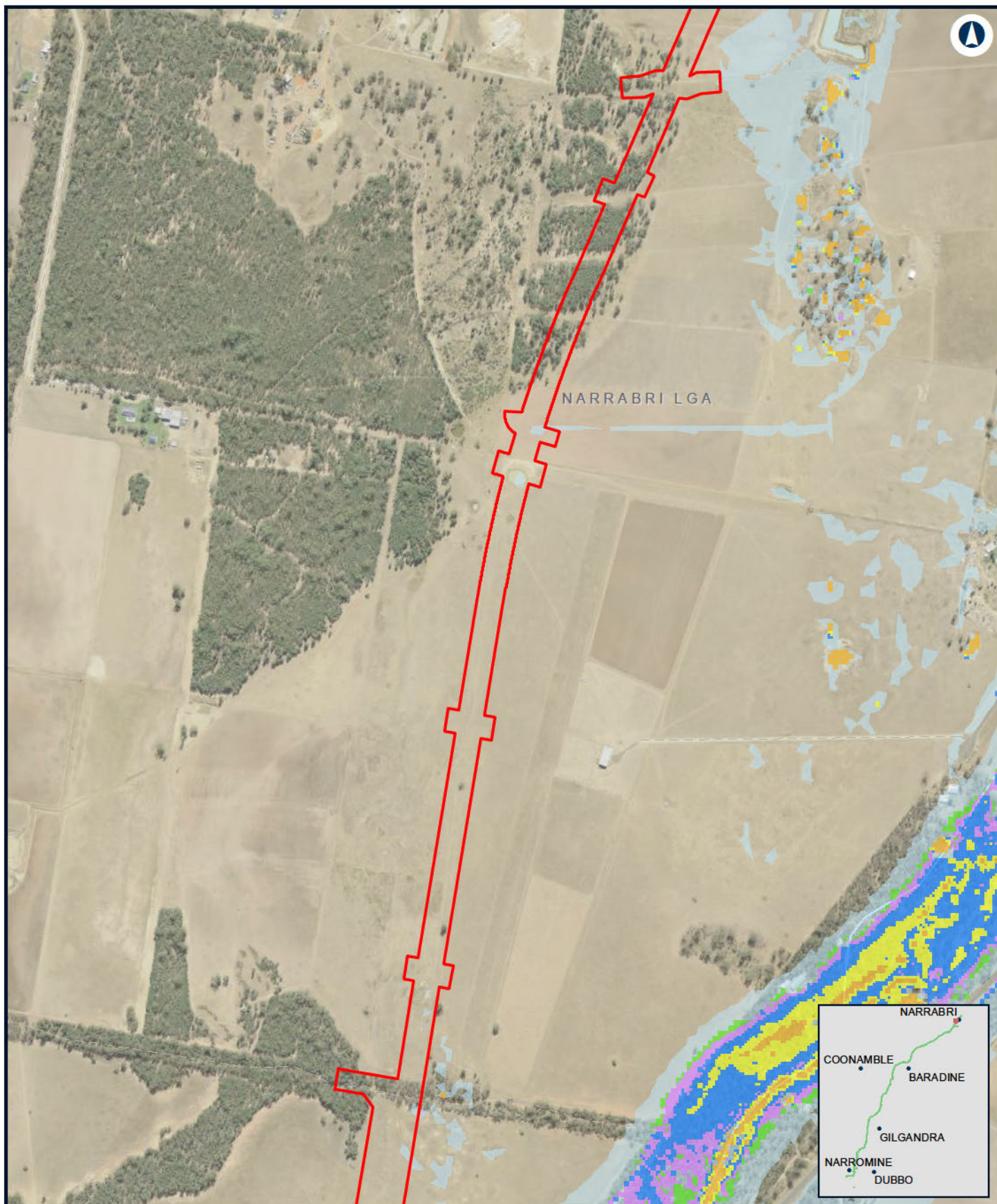
LEGEND

Duration (hrs)

- 0 - 3hrs
- 3hrs - 6hrs
- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs
- Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.13

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

 The proposal site

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

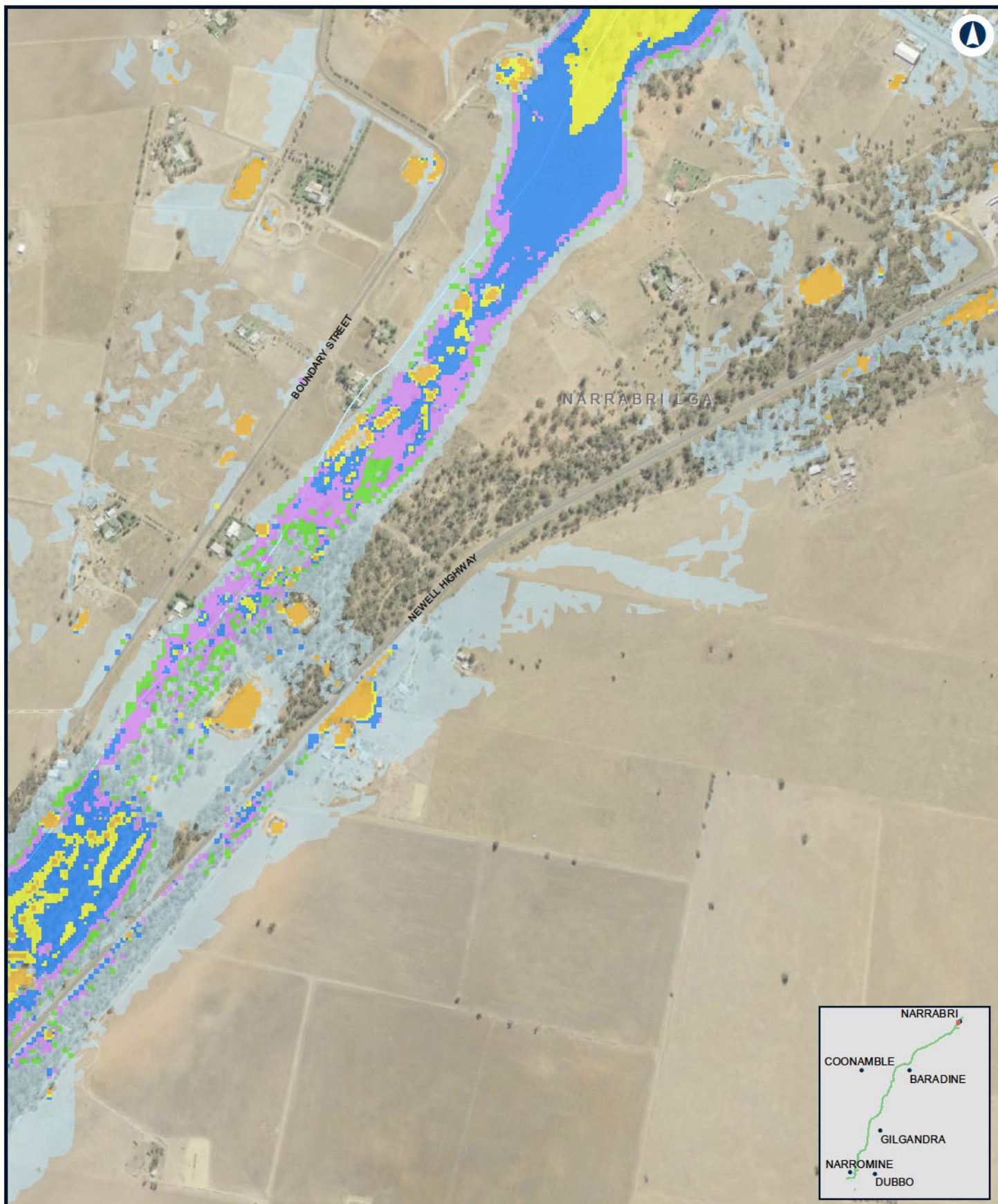
12hrs - 24hrs

> 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.14

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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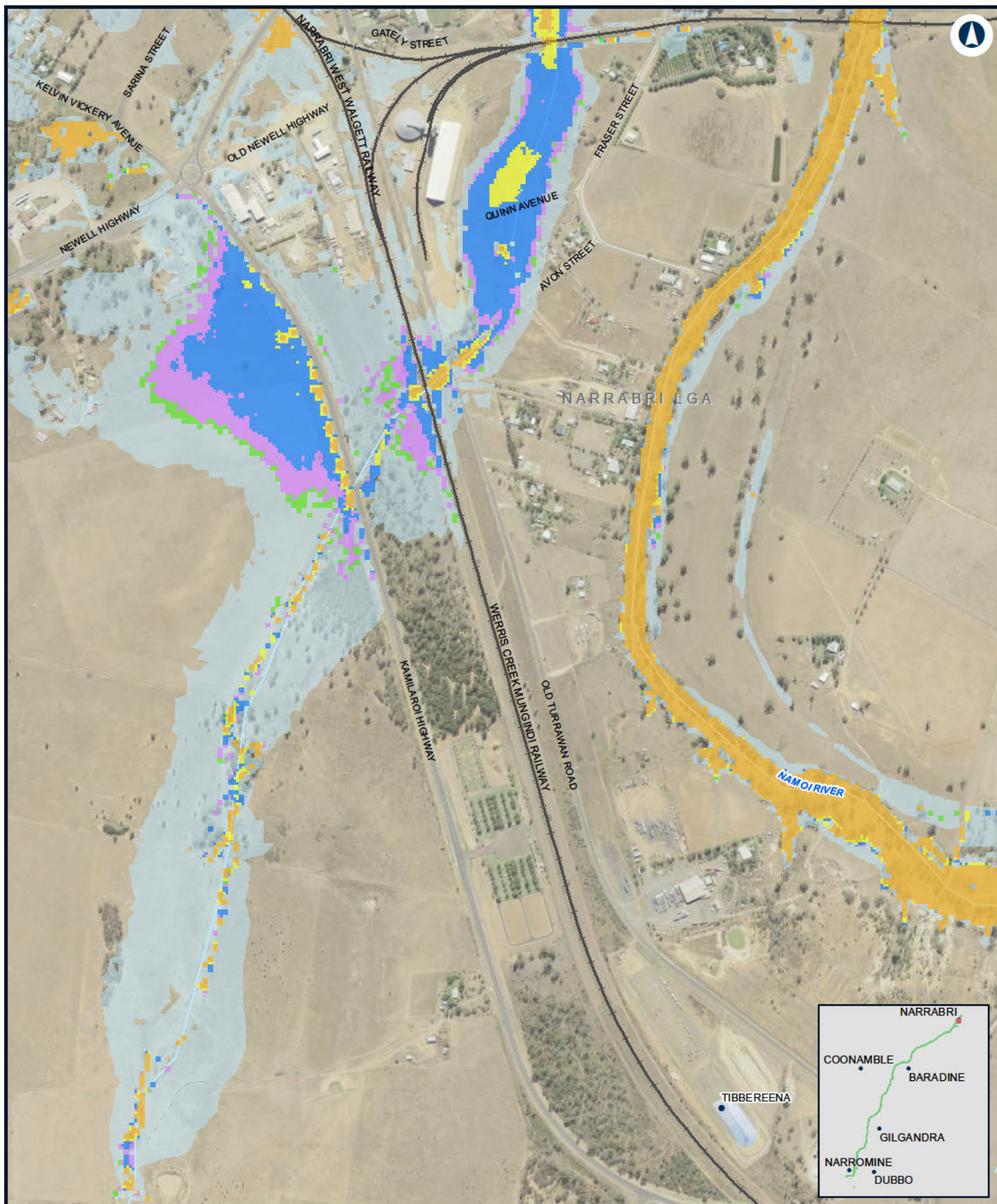
LEGEND

Duration (hrs)

- 0 - 3hrs
- 3hrs - 6hrs
- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs
- Flood extent

INLAND RAIL **ARTC**

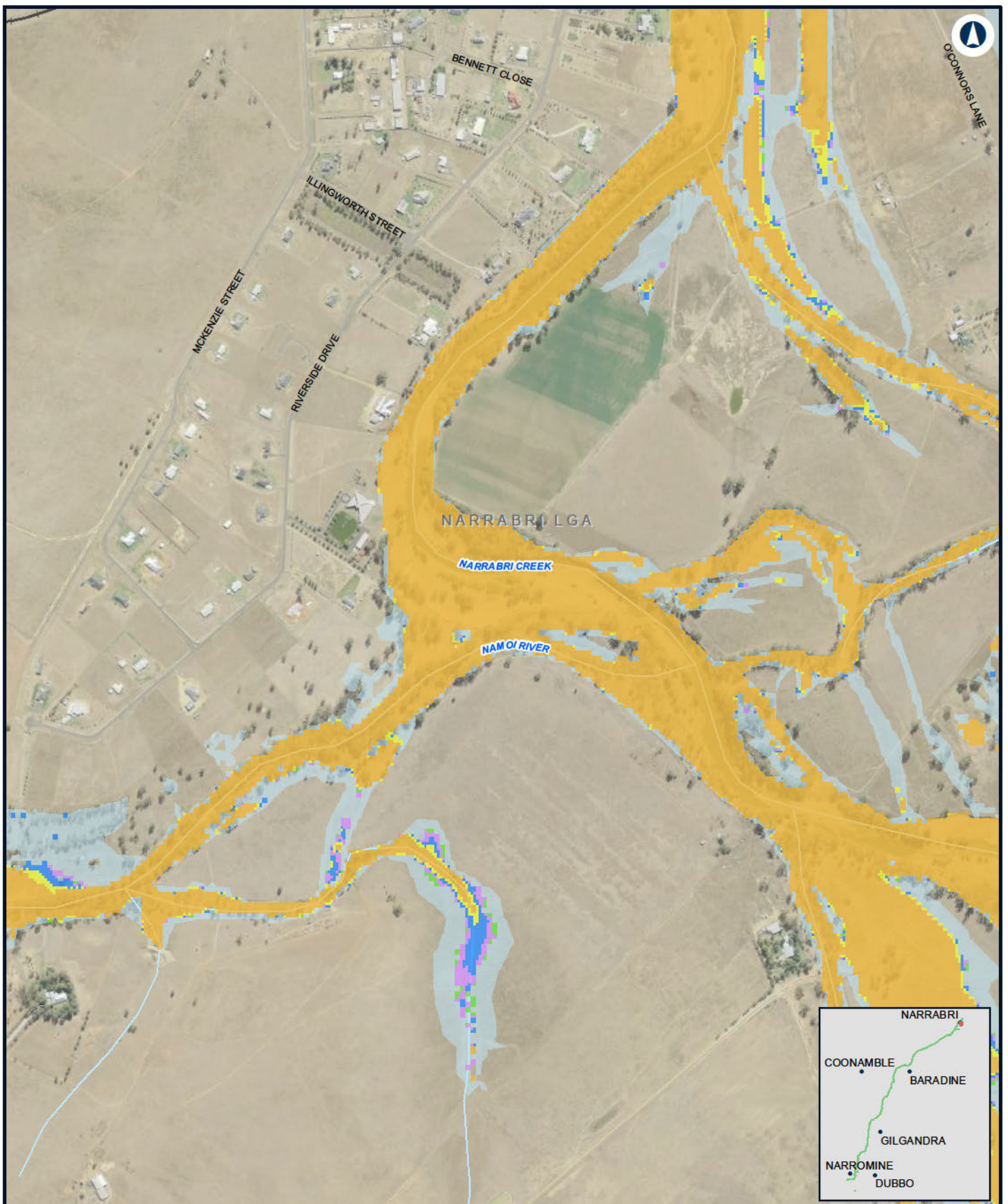
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NARRABRI TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.15



NARRABRI TO NARRABRI

Existing duration - 2% AEP - Narrabri Local

Appendix A - Figure 1.27.16

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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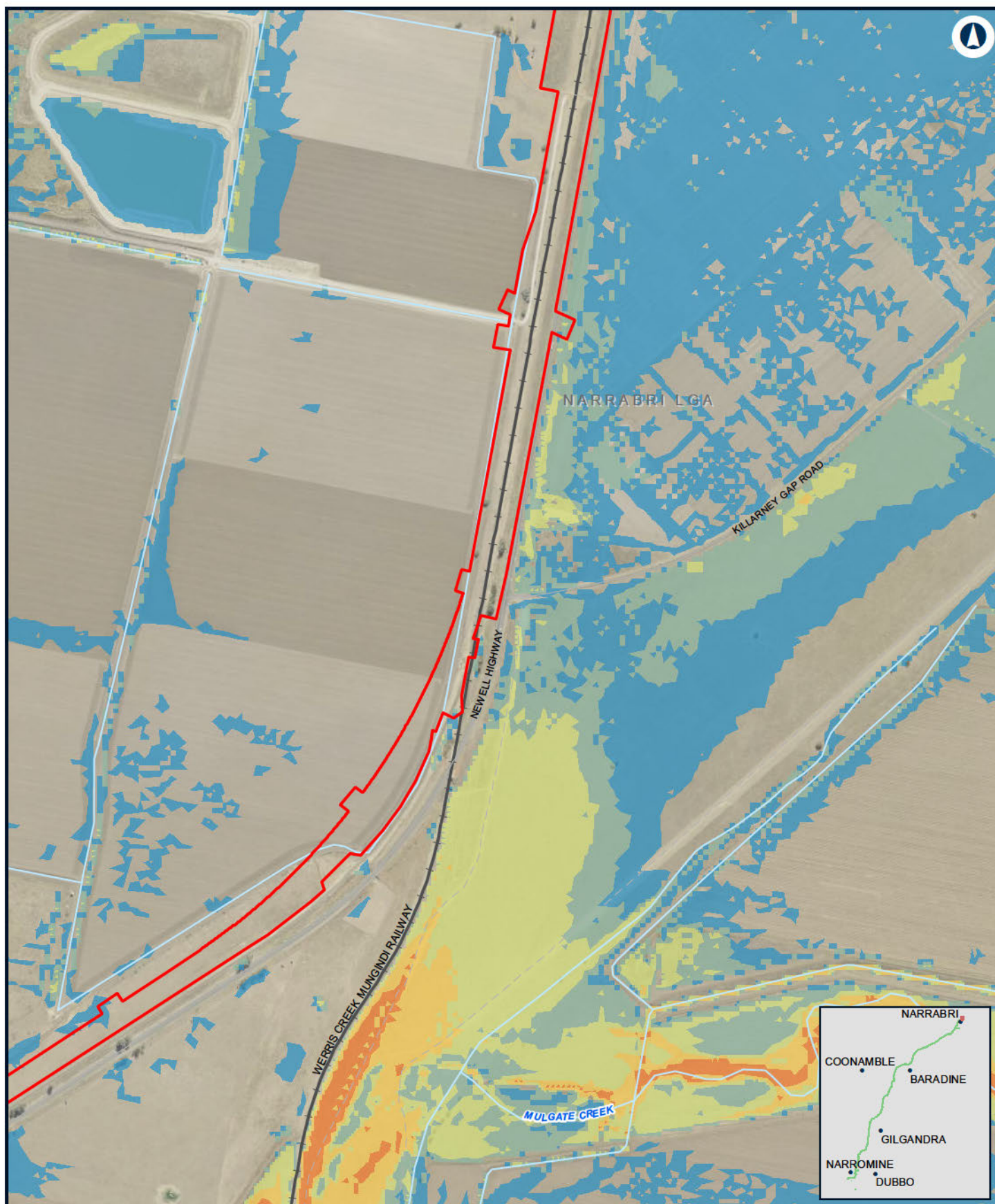
LEGEND

Duration (hrs)

- 0 - 3hrs
- 3hrs - 6hrs
- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs
- Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.1

0 0.1 0.2
Km

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Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

LEGEND

- The proposal site
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.2

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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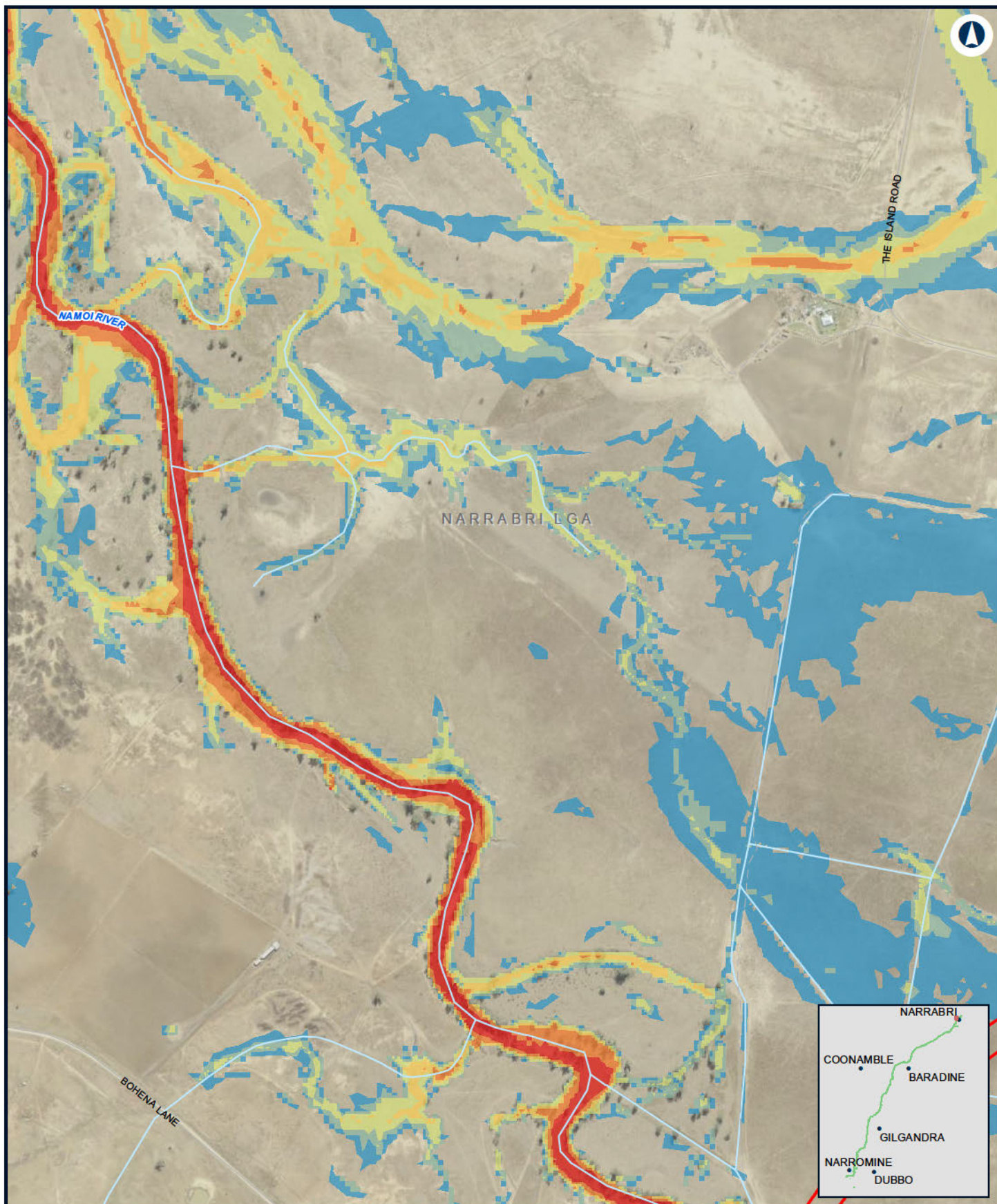
LEGEND

- The proposal site
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.3

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

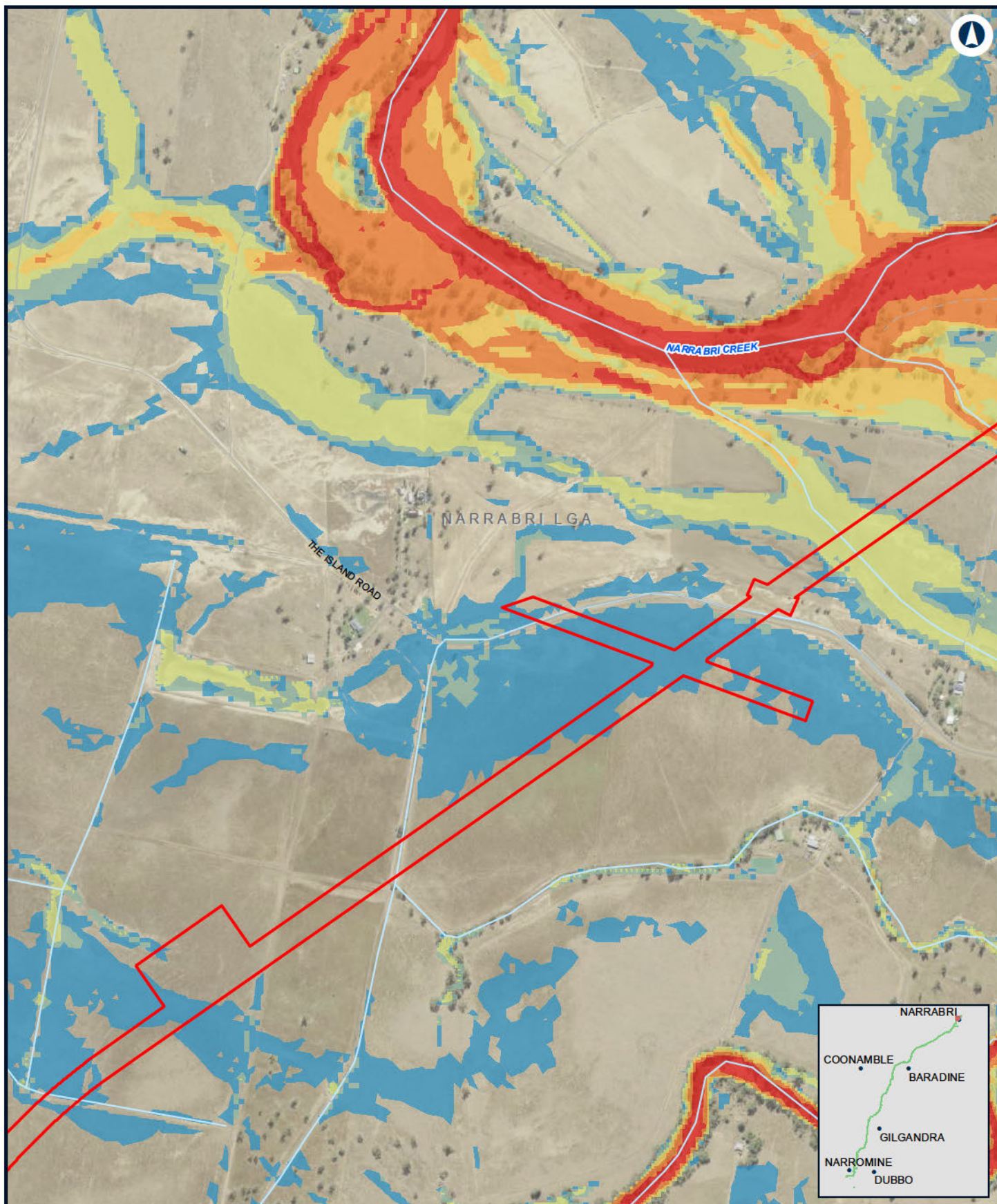
LEGEND

- The proposal site
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
- Unconditionally dangerous

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.4

0 0.1 0.2
Km

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

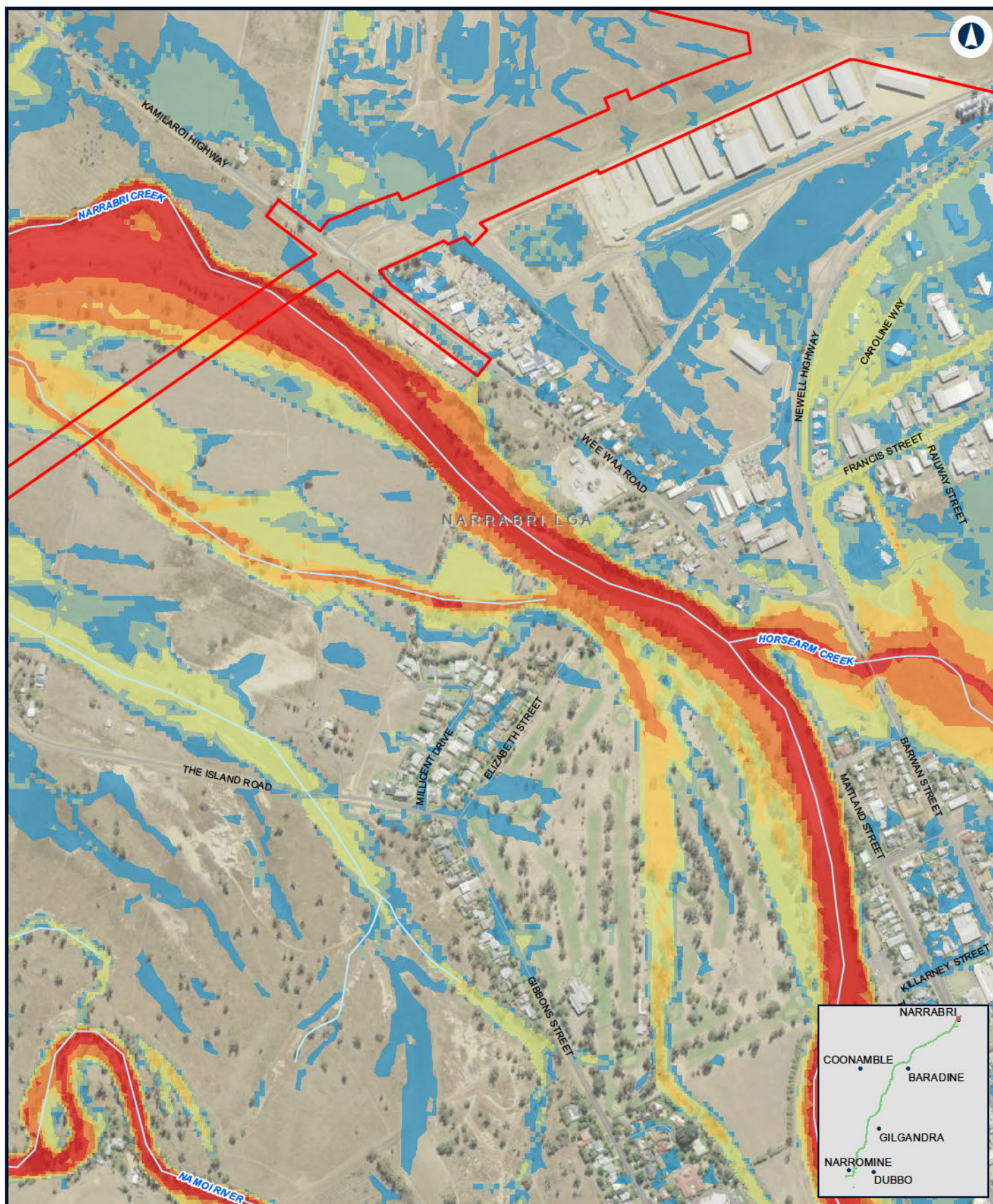
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
- Unconditionally dangerous

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.5

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

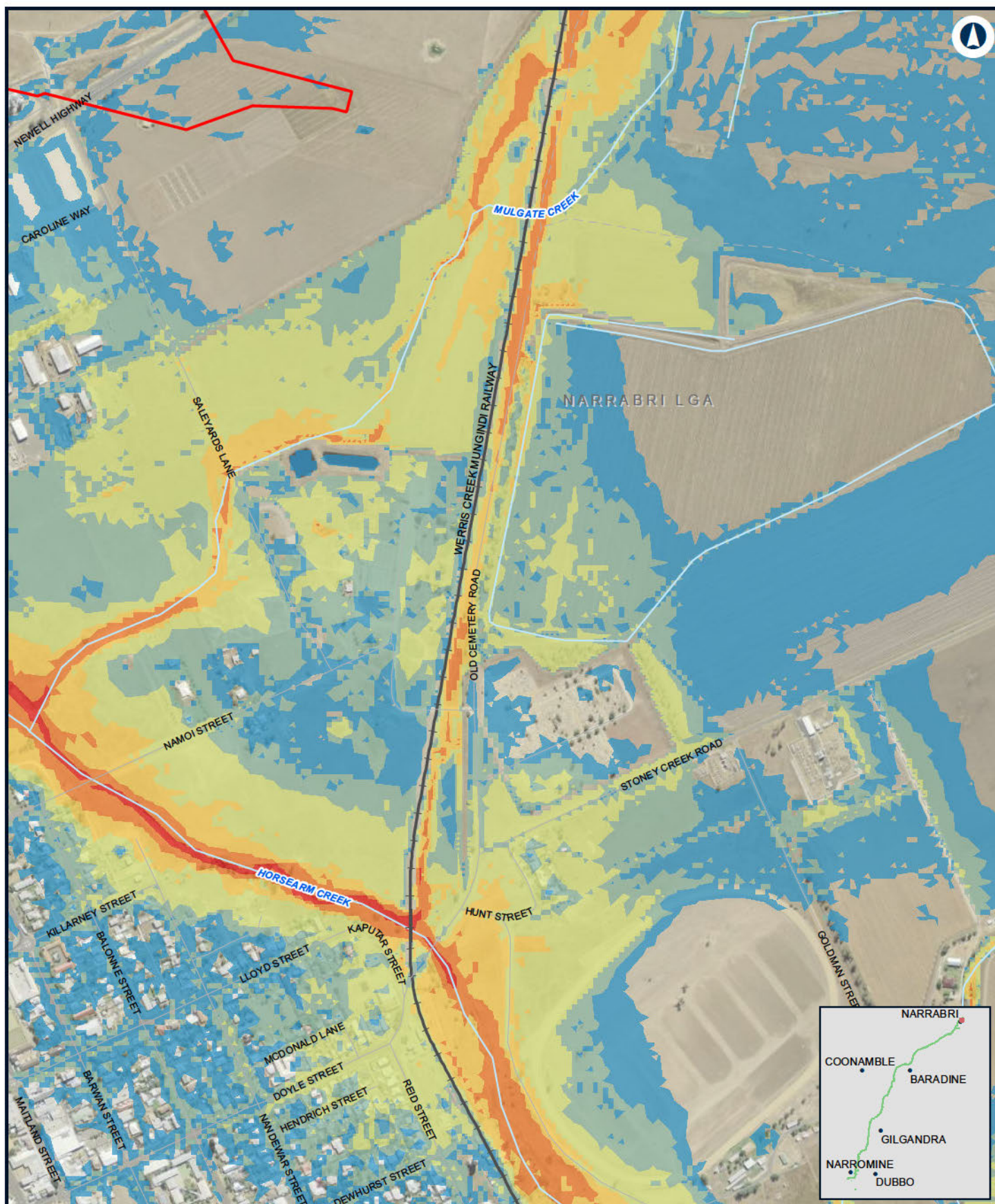
LEGEND

- The proposal site
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
- Unconditionally dangerous

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.6

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

LEGEND

- The proposal site
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
- Unconditionally dangerous

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.7

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:10,000

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.8

0 0.1 0.2
Km

LEGEND

The proposal site

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022

Paper: A4

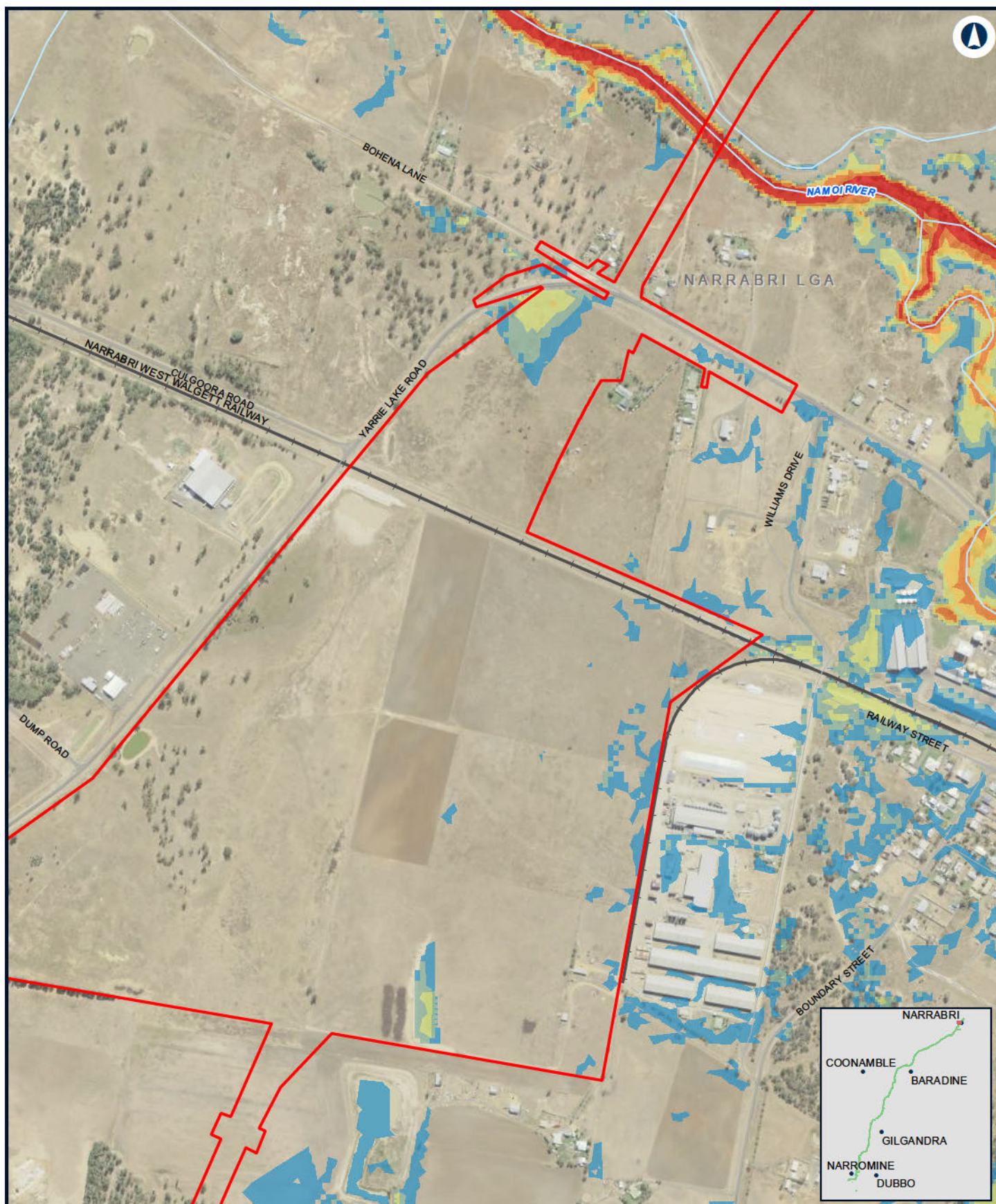
Author: JacobsGHD

Scale: 1:10,000

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.9

0 0.1 0.2
Km

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Author: JacobsGHD

Paper: A4
Scale: 1:10,000

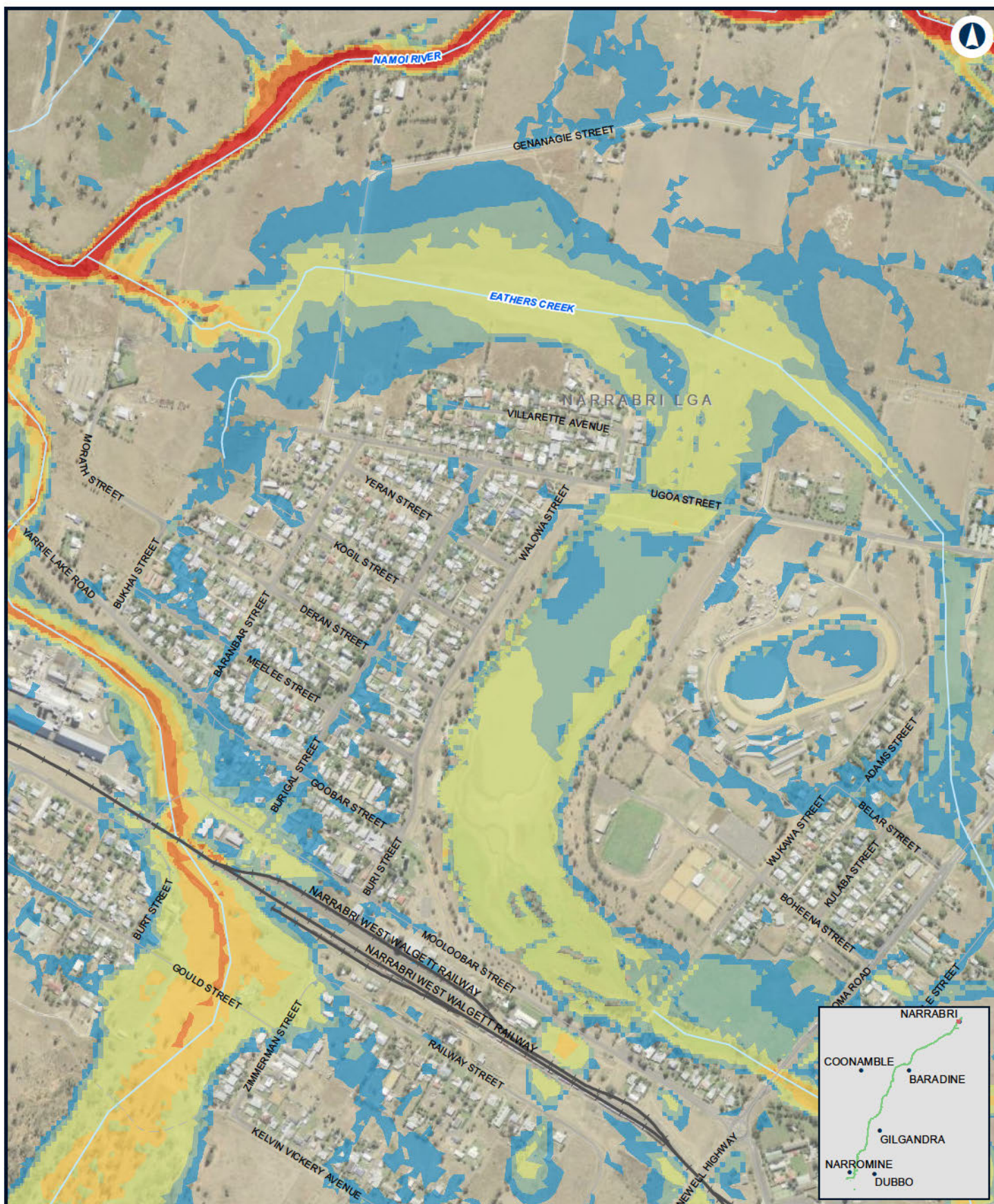
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
- Unconditionally dangerous

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.10

0 0.1 0.2
Km

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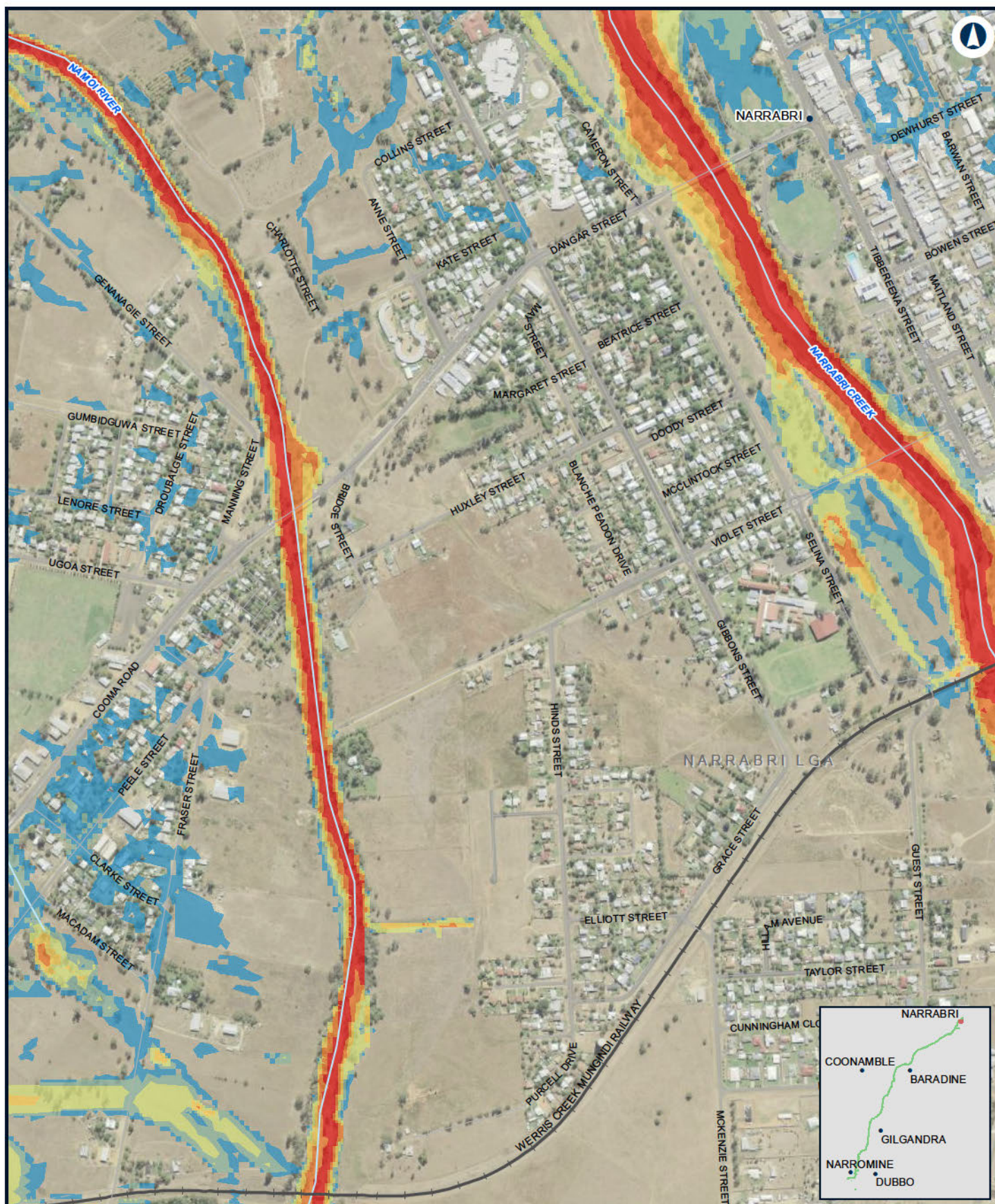
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.11

0 0.1 0.2
Km

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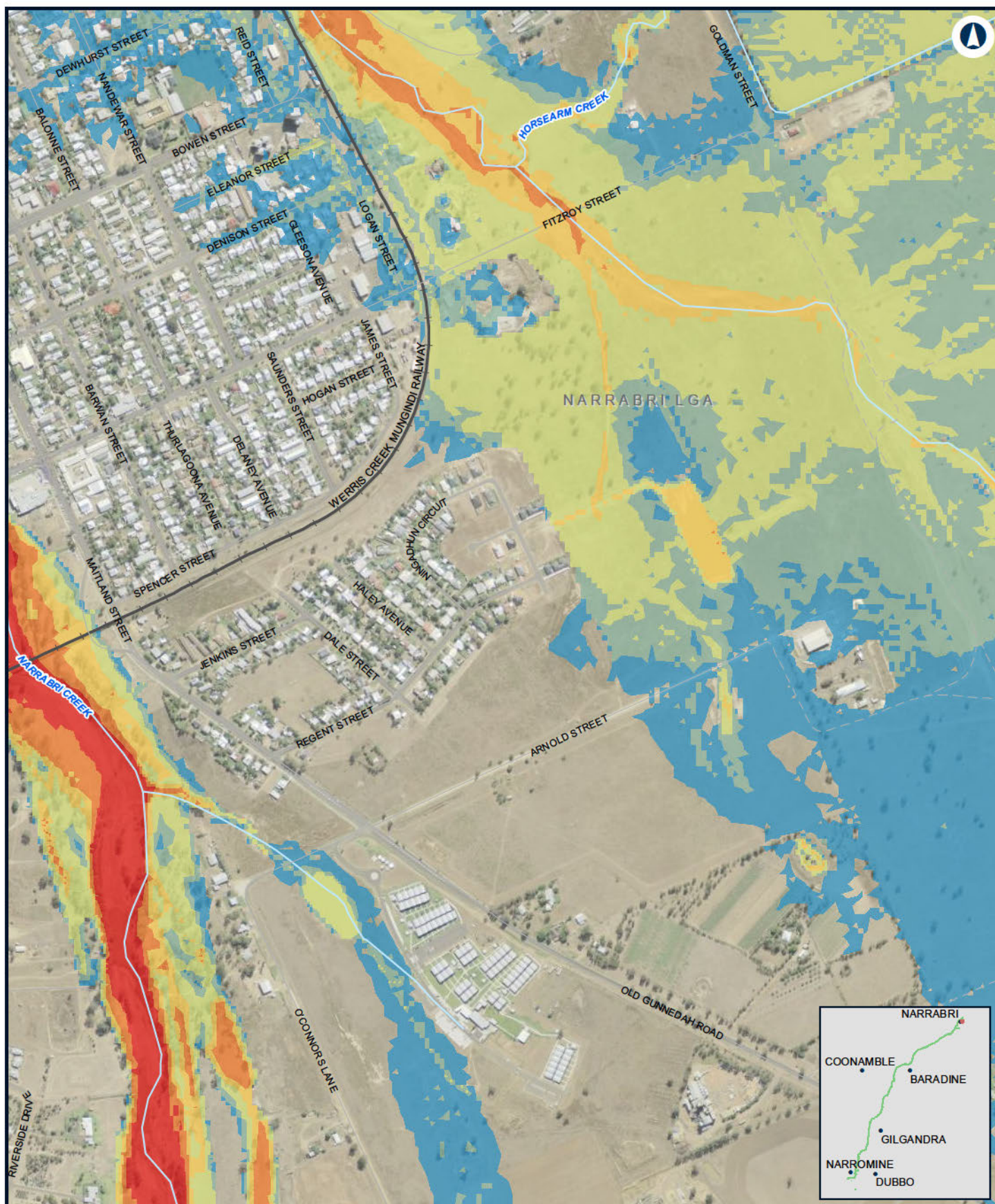
LEGEND

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- Unsafe for vehicles and people
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- Unconditionally dangerous

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NARRABRI TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.12

0 0.1 0.2
Km

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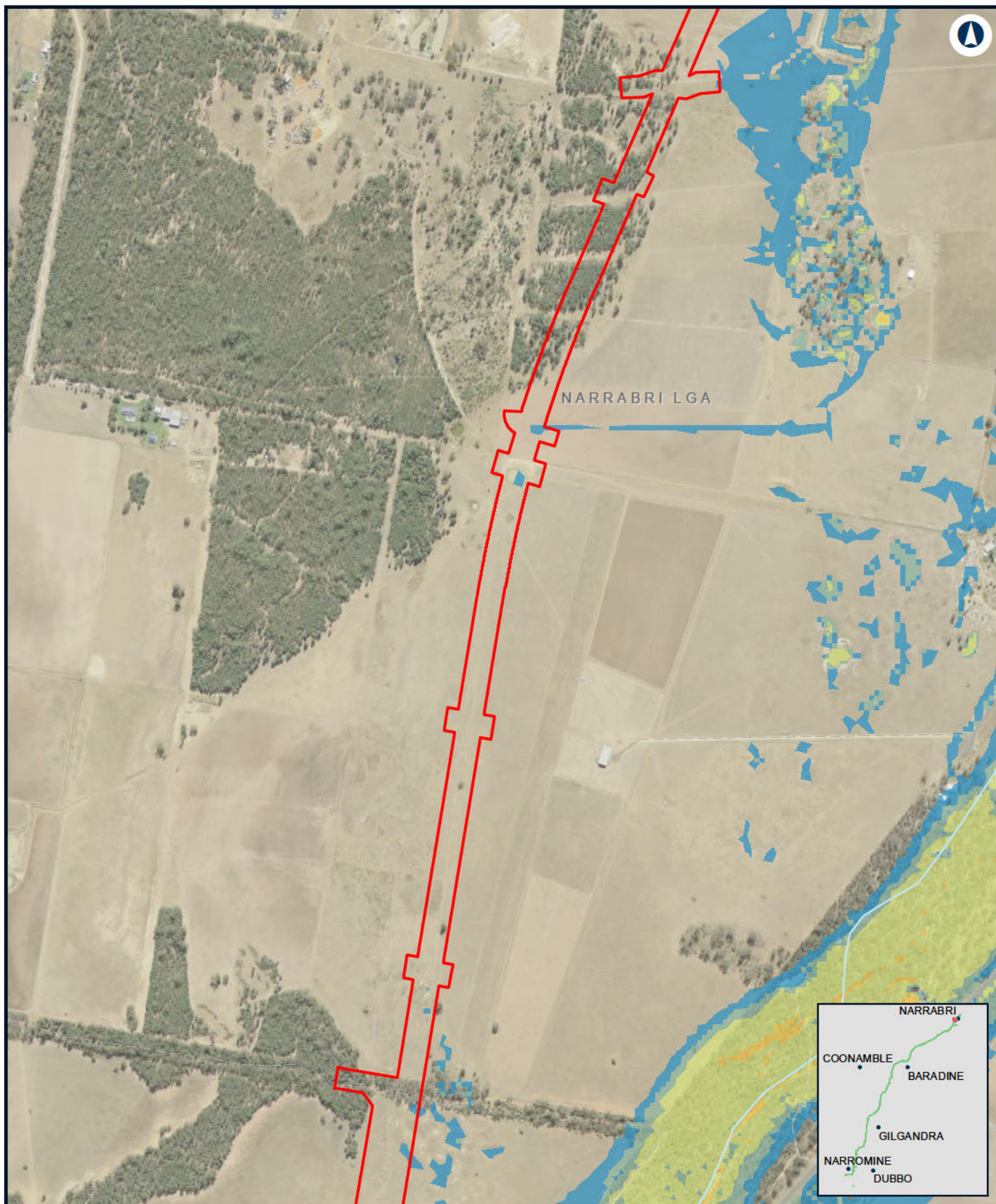
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.13

0 0.1 0.2
Km

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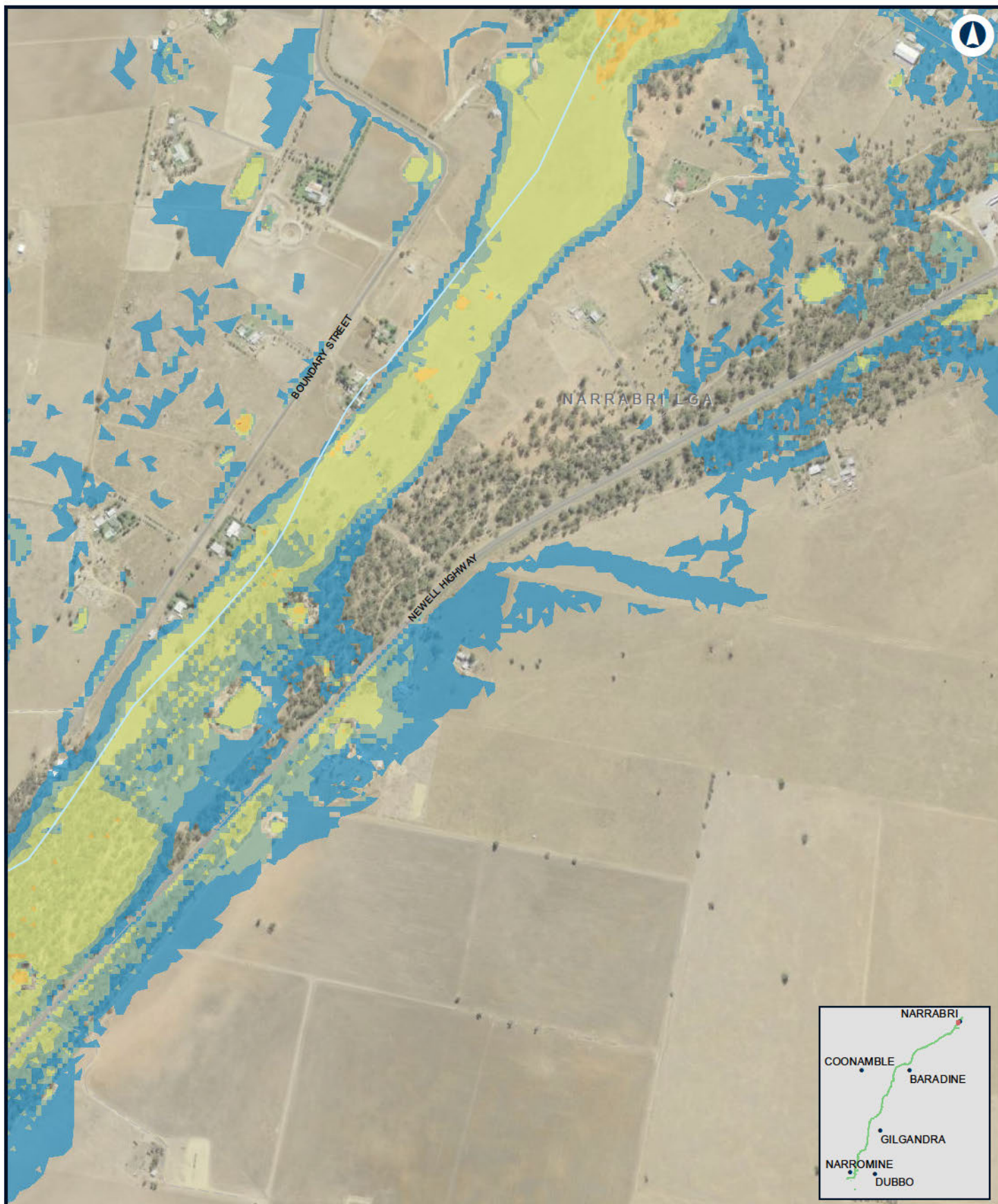
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.14

0 0.1 0.2
Km

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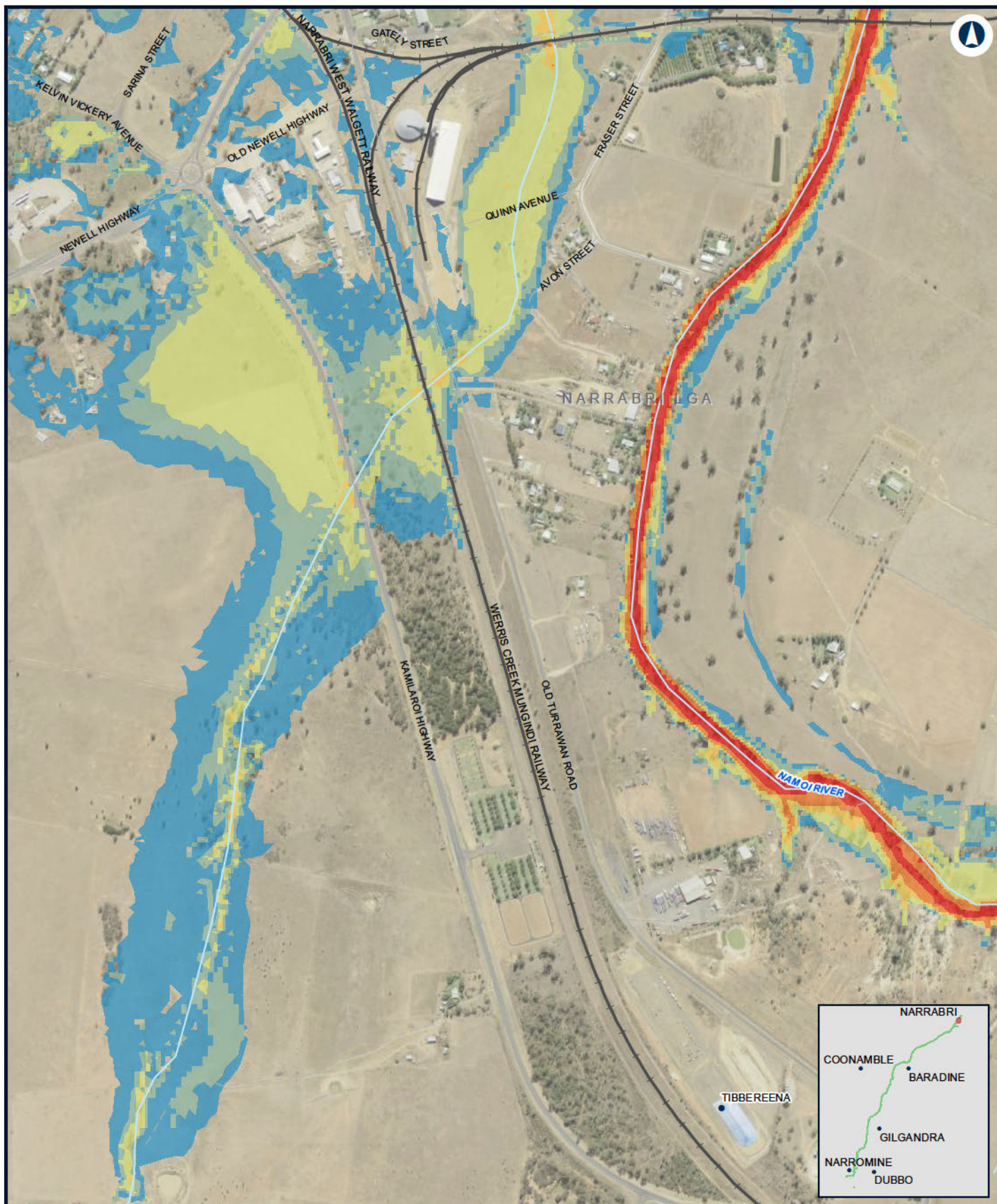
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.15

0 0.1 0.2
Km

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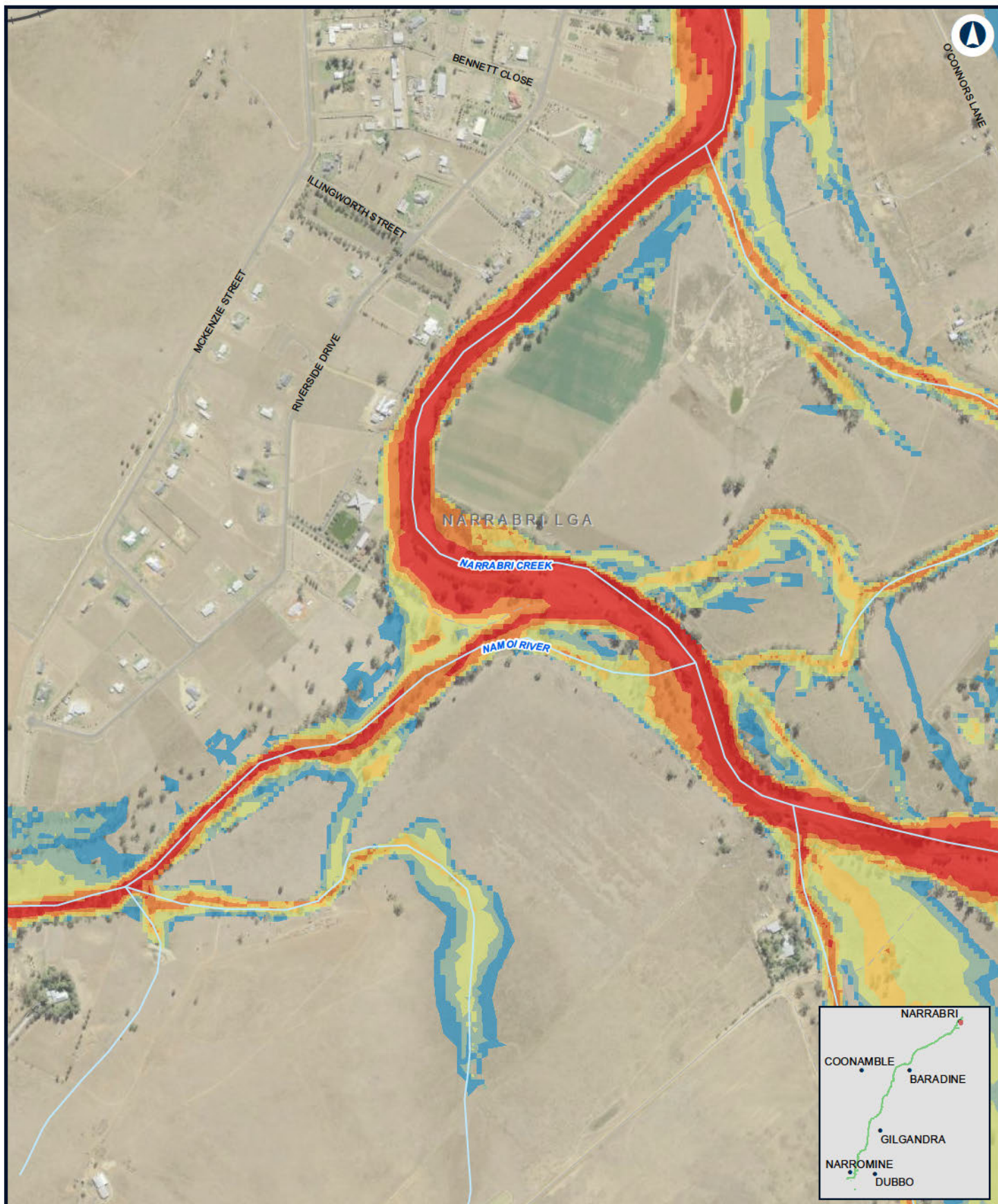
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LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Local

Appendix A - Figure 1.28.16

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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