

TECHNICAL REPORT 03

Updated flooding and hydrology assessment

Appendix N Assessment of local and regional flooding at Narrabri

(Part 8 of 25)

NARROMINE TO NARRABRI PROJECT



TECHNICAL REPORT 03

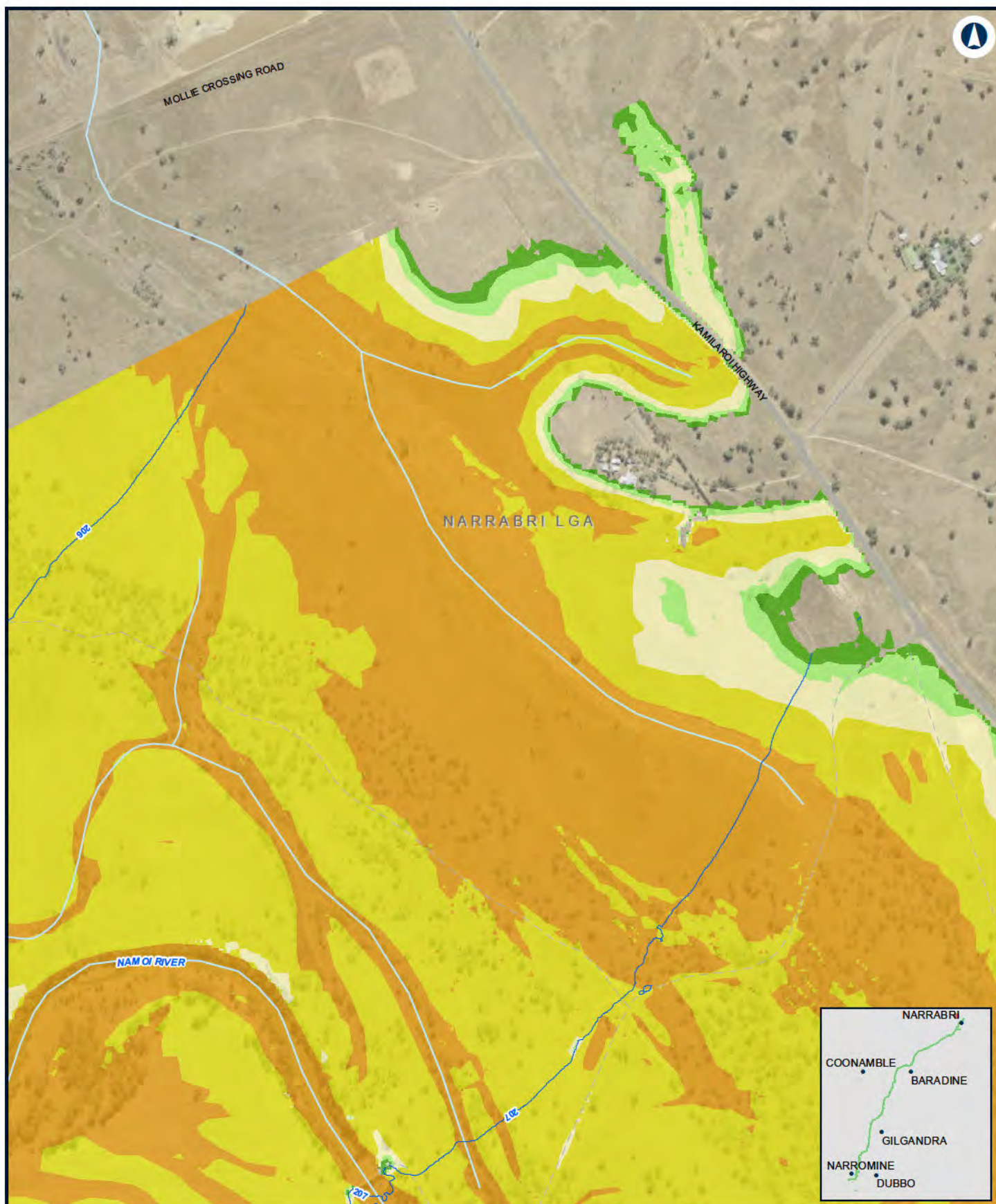
Updated flooding and hydrology assessment

Appendix A Existing and operational flooding

Appendix A7 Narrabri regional (existing flooding 2%)

NARROMINE TO NARRABRI PROJECT





NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.1

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

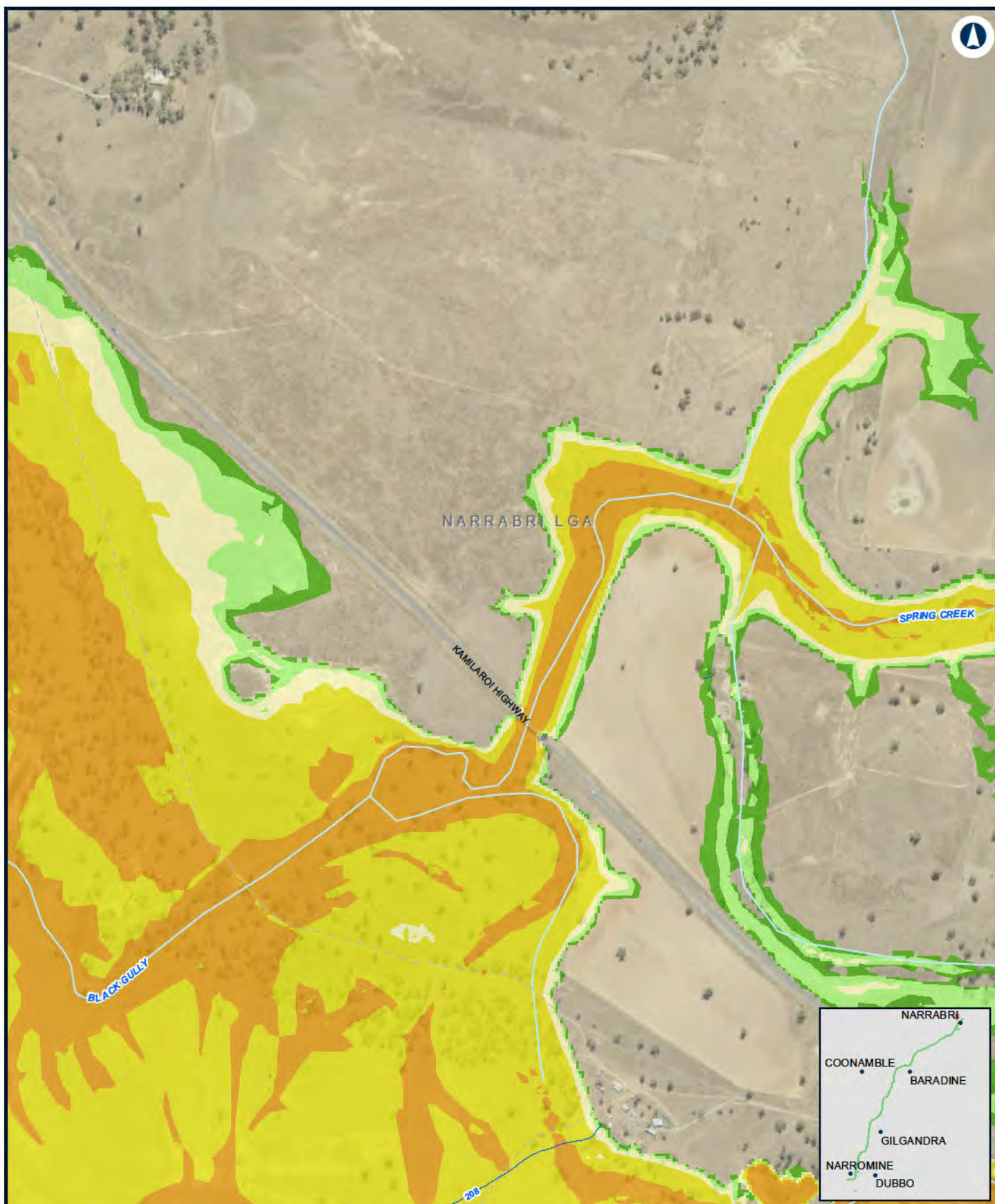
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.2

0 0.1 0.2
Km

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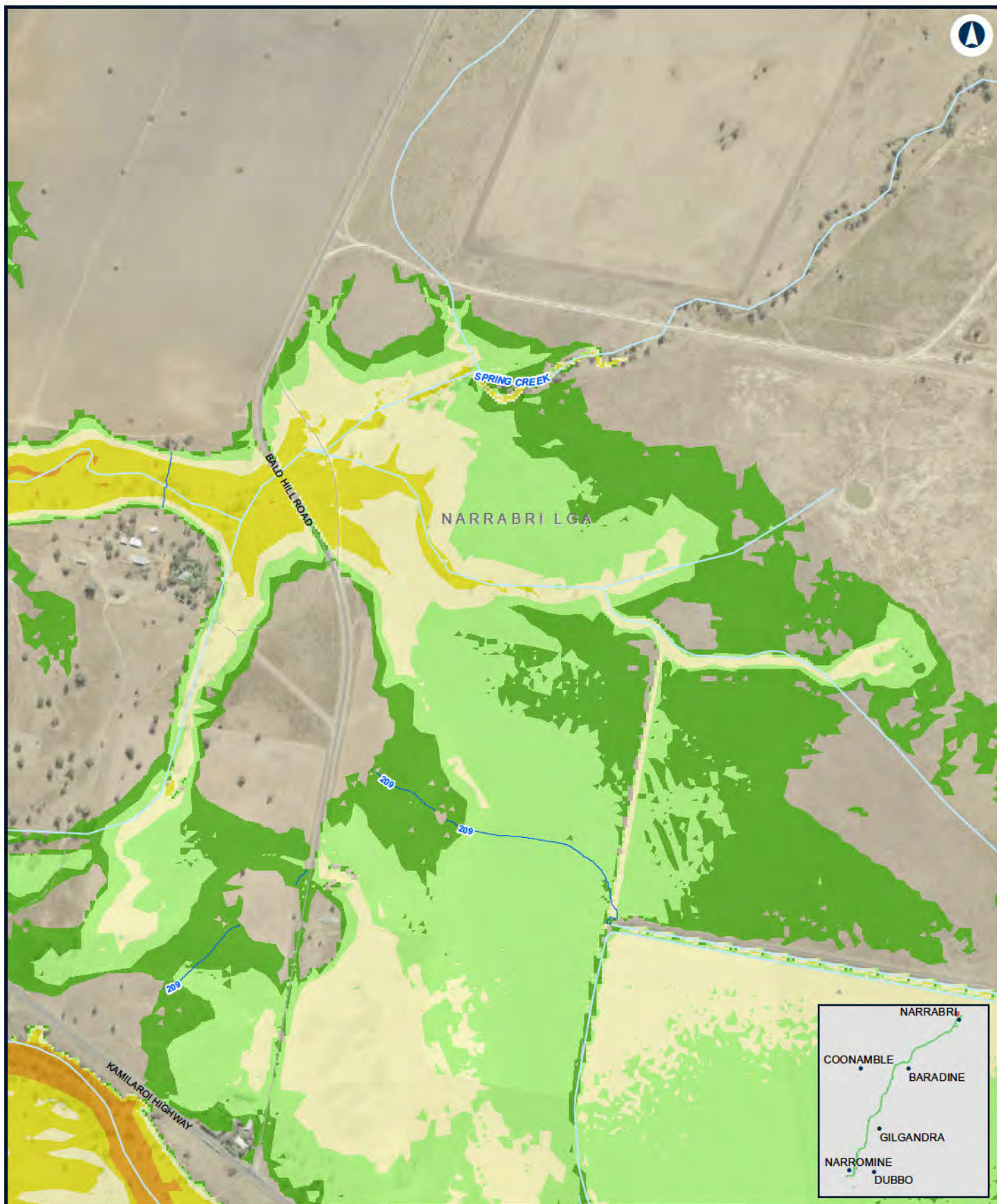
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.3

0 0.1 0.2
Km

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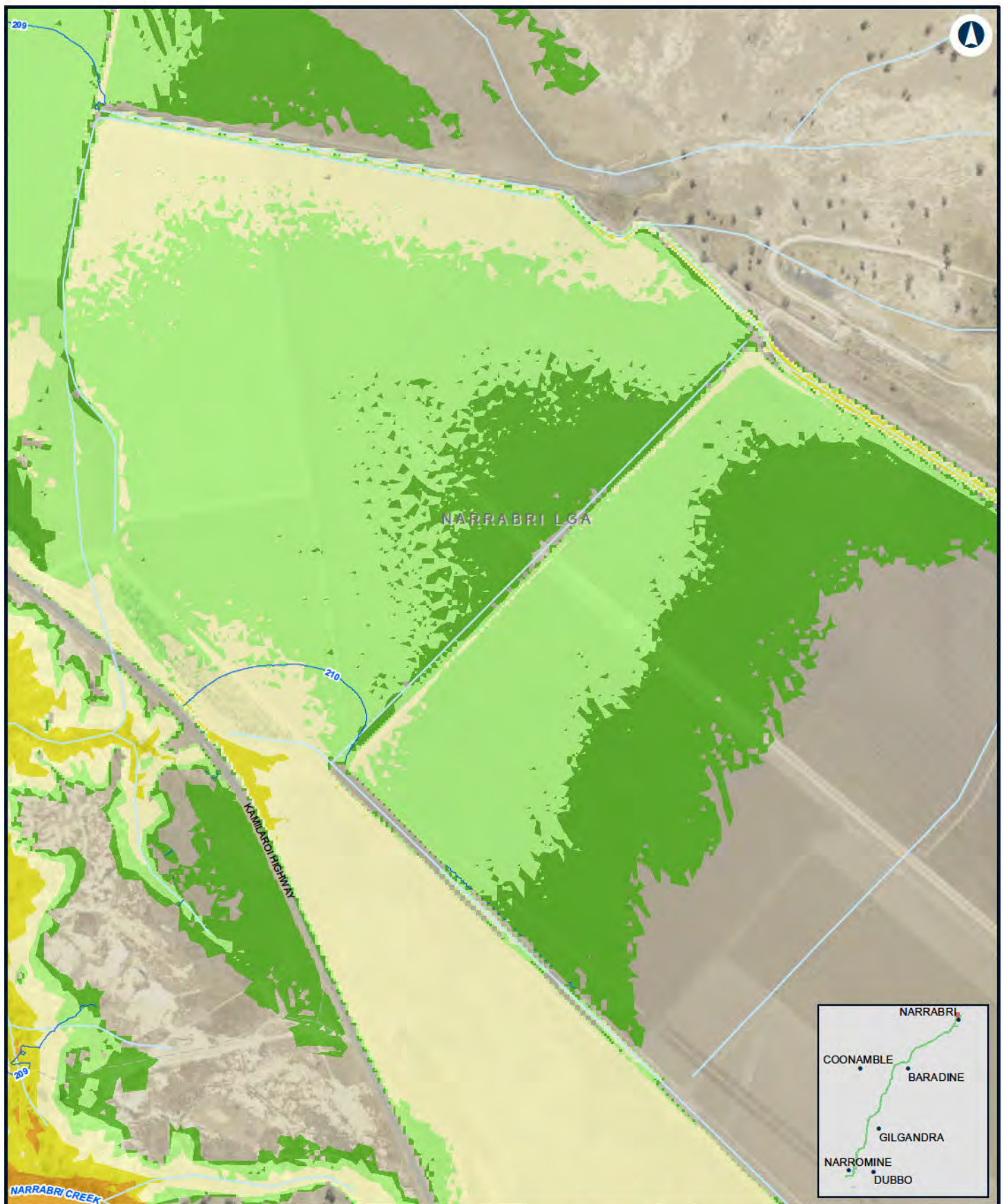
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.4

0 0.1 0.2
Km

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LEGEND

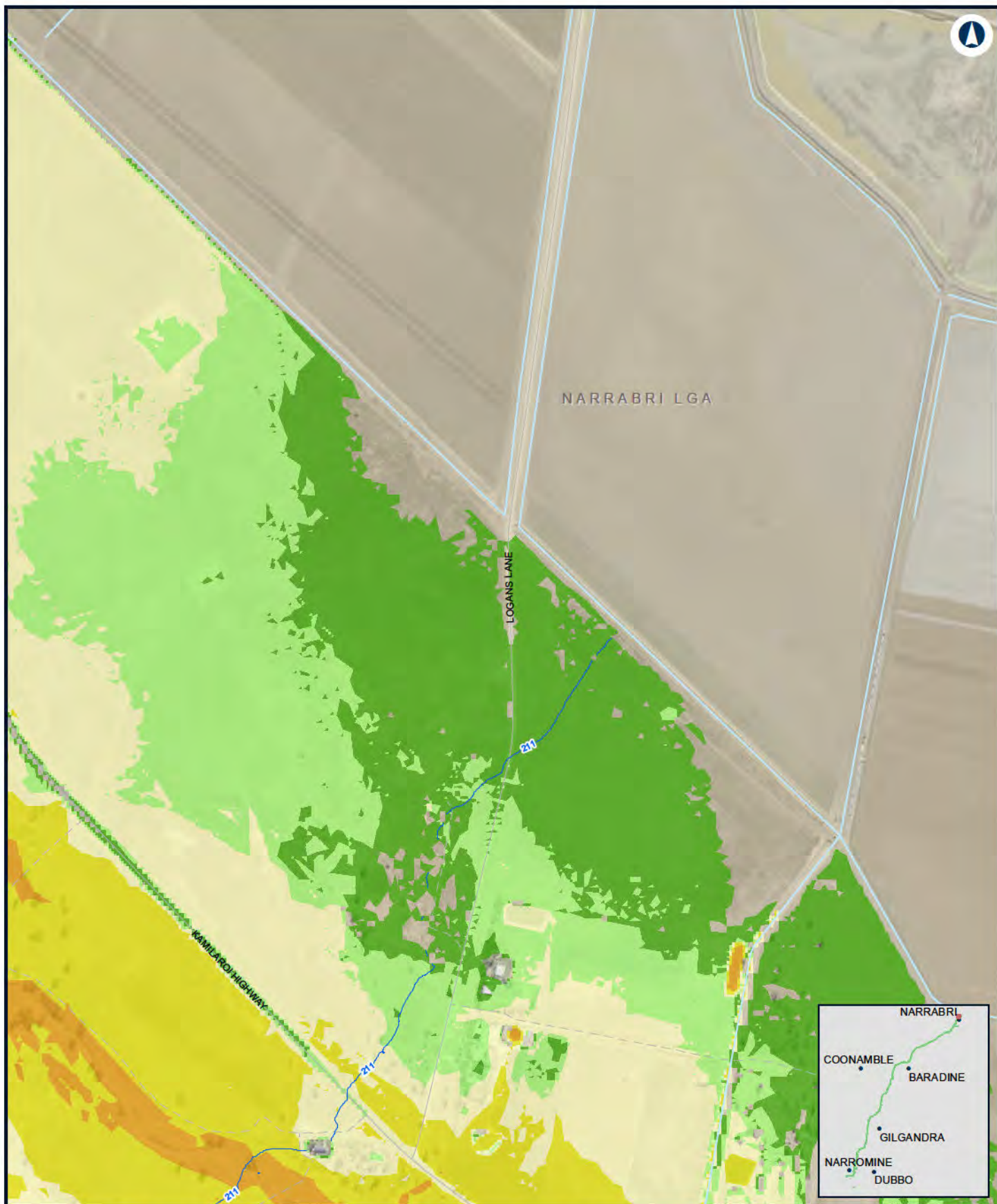
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.5

0 0.1 0.2
Km

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LEGEND

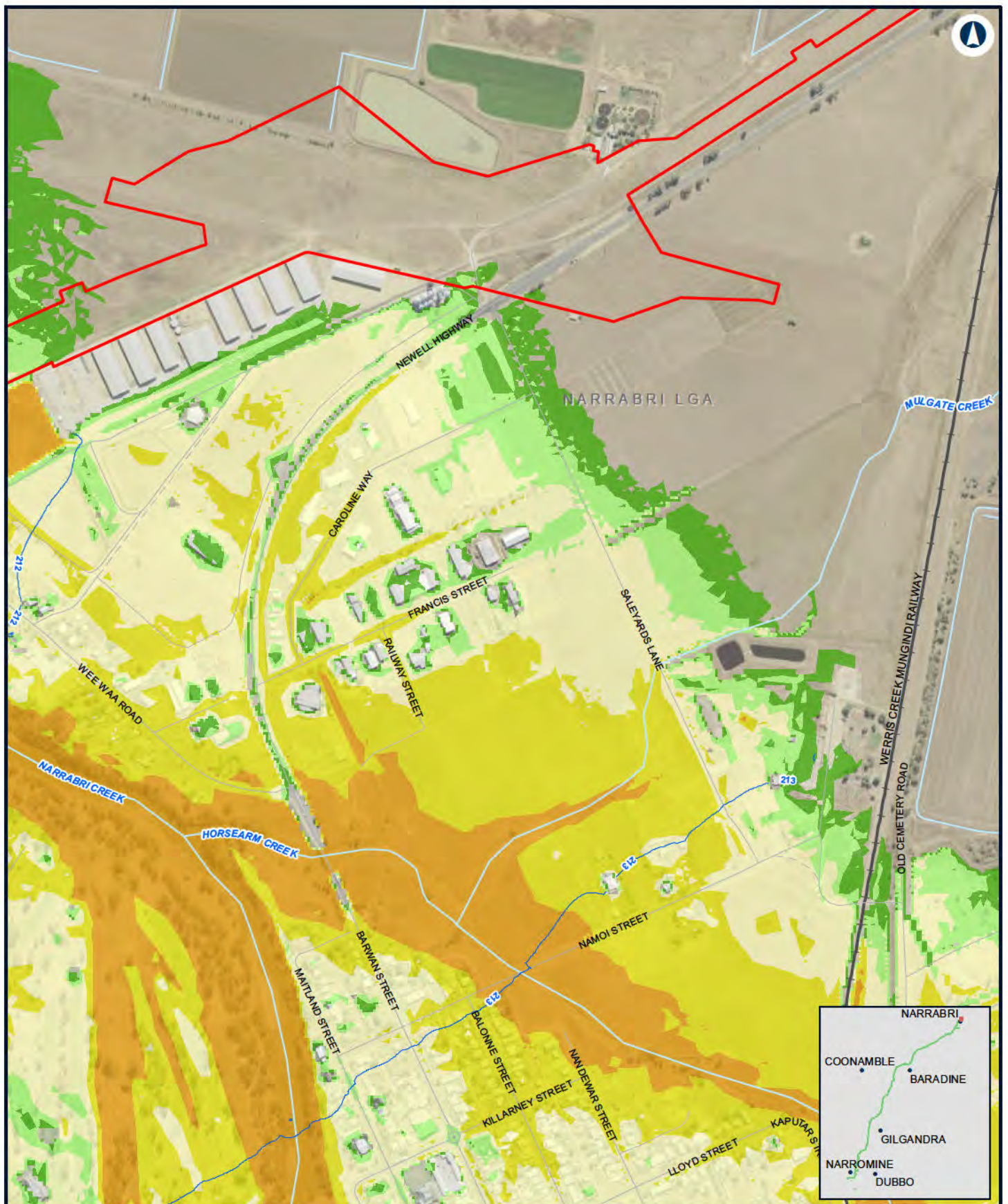
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.6

0 0.1 0.2
Km

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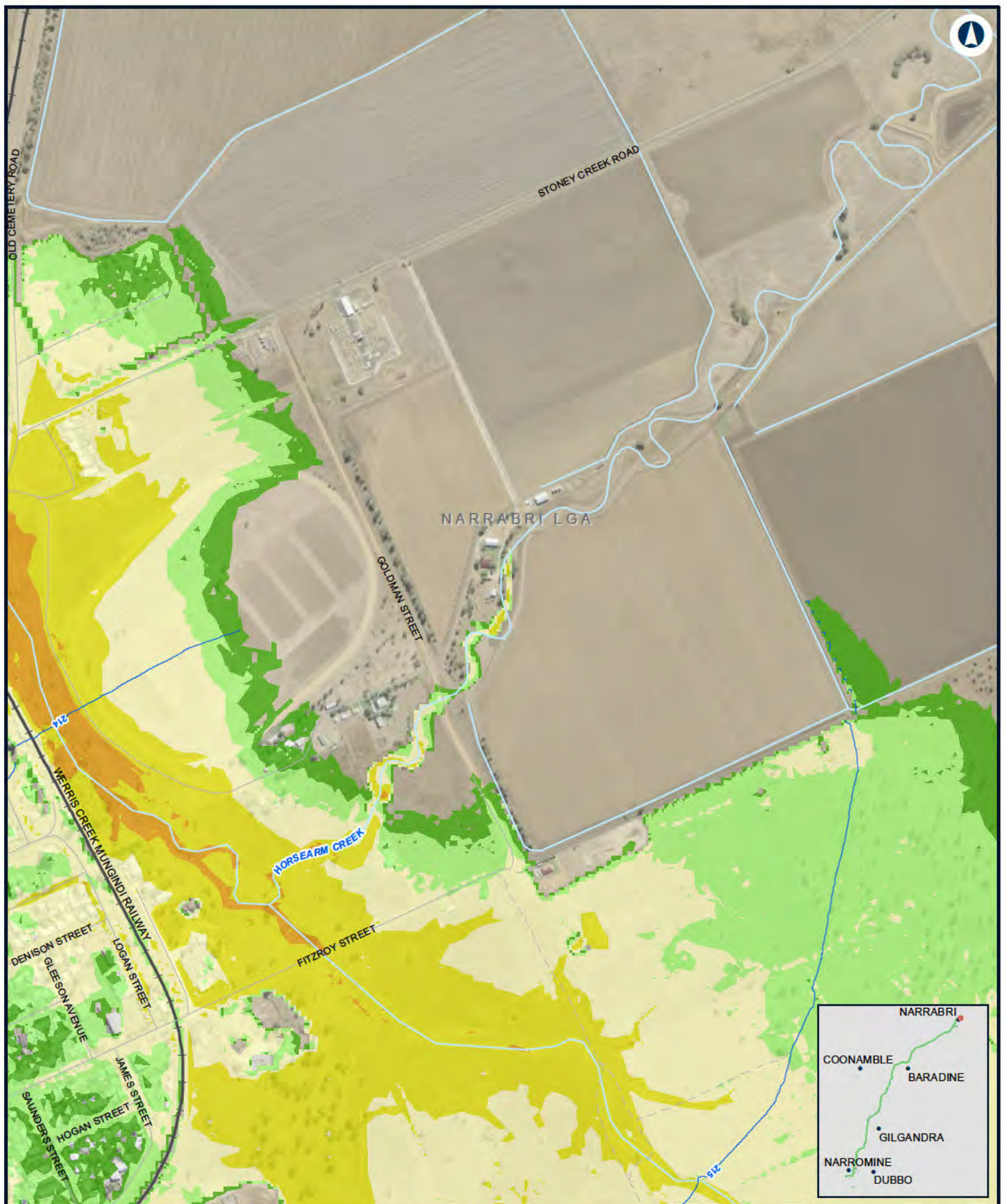
Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

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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NARRABRI TO NARRABRI

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

Appendix A - Figure 1.29.7

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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LEGEND

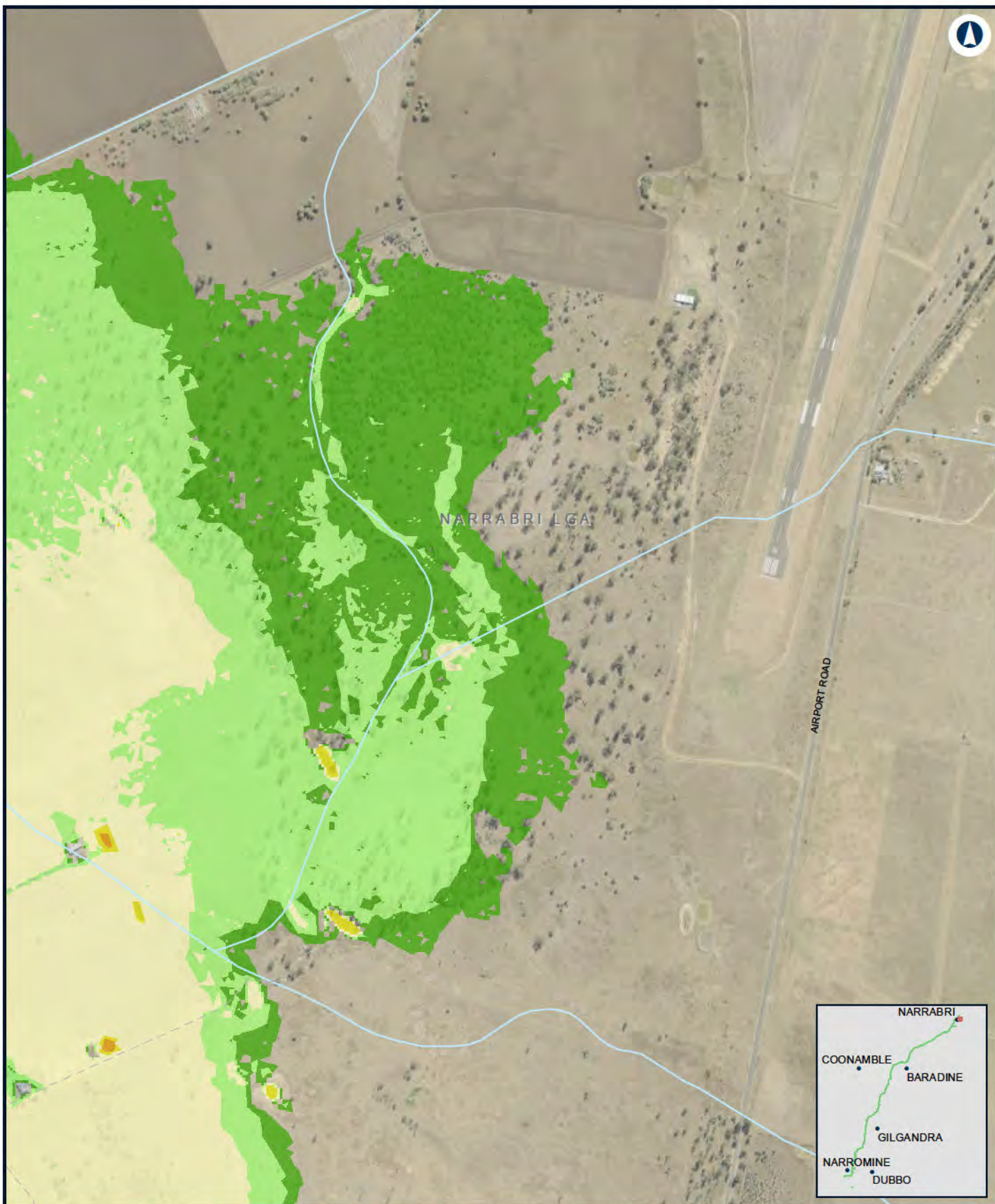
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.8

0 0.1 0.2
Km

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

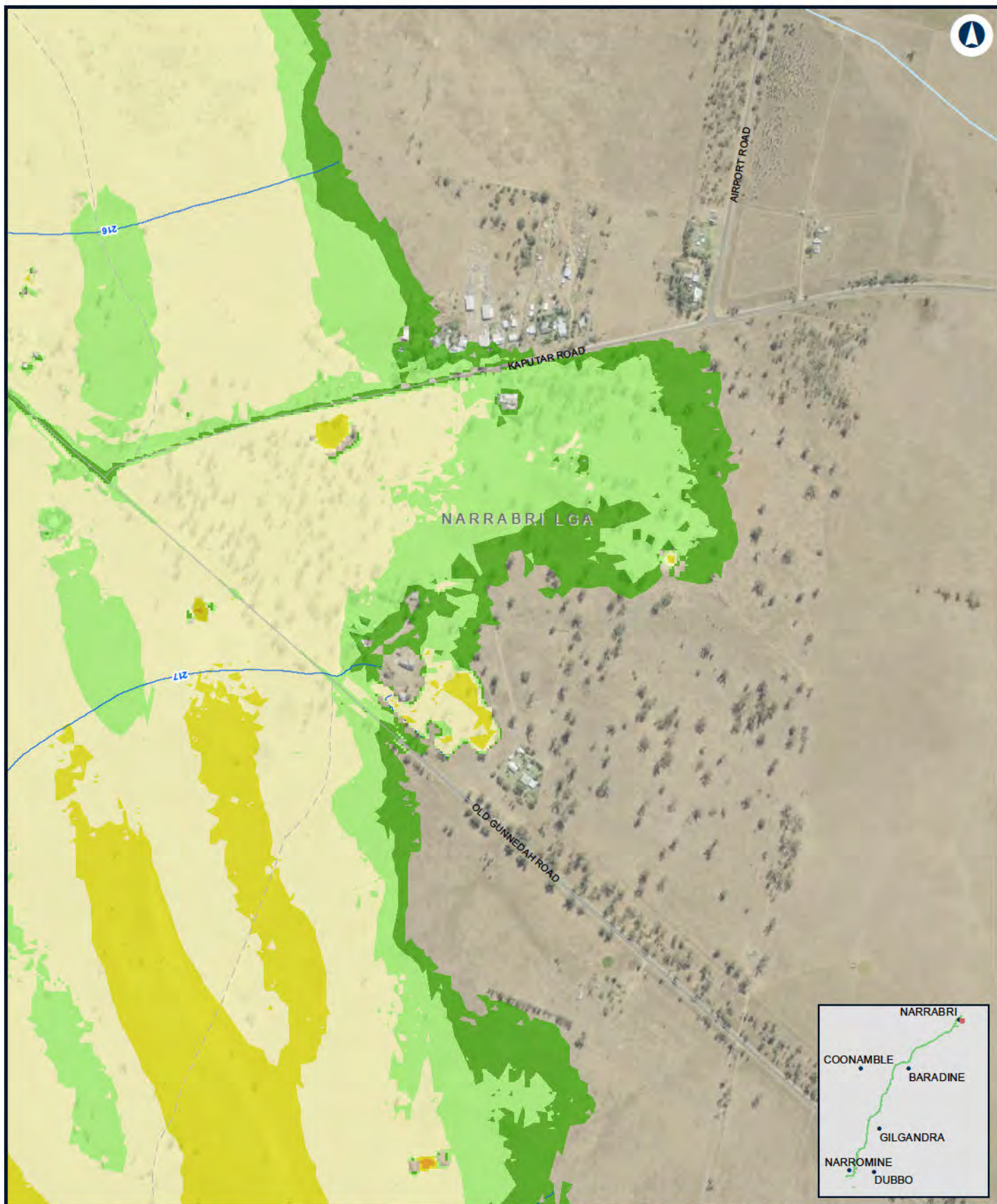
LEGEND

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 Regional

Appendix A - Figure 1.29.9

0 0.1 0.2
Km

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Data Sources: Basemap layers: NSWSS;

LEGEND

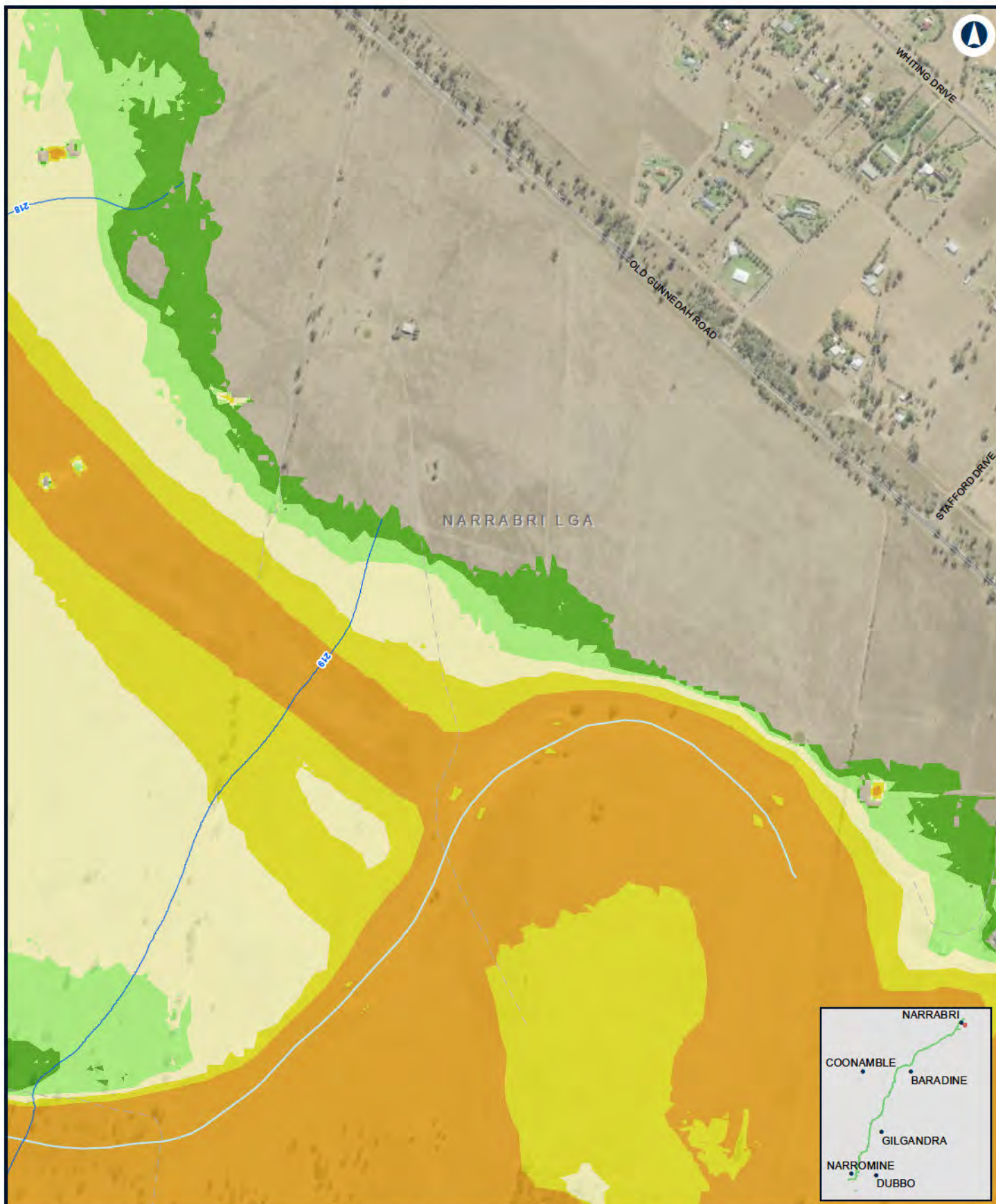
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.10

0 0.1 0.2
Km

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Data Sources: Basemap layers: NSWSS;

LEGEND

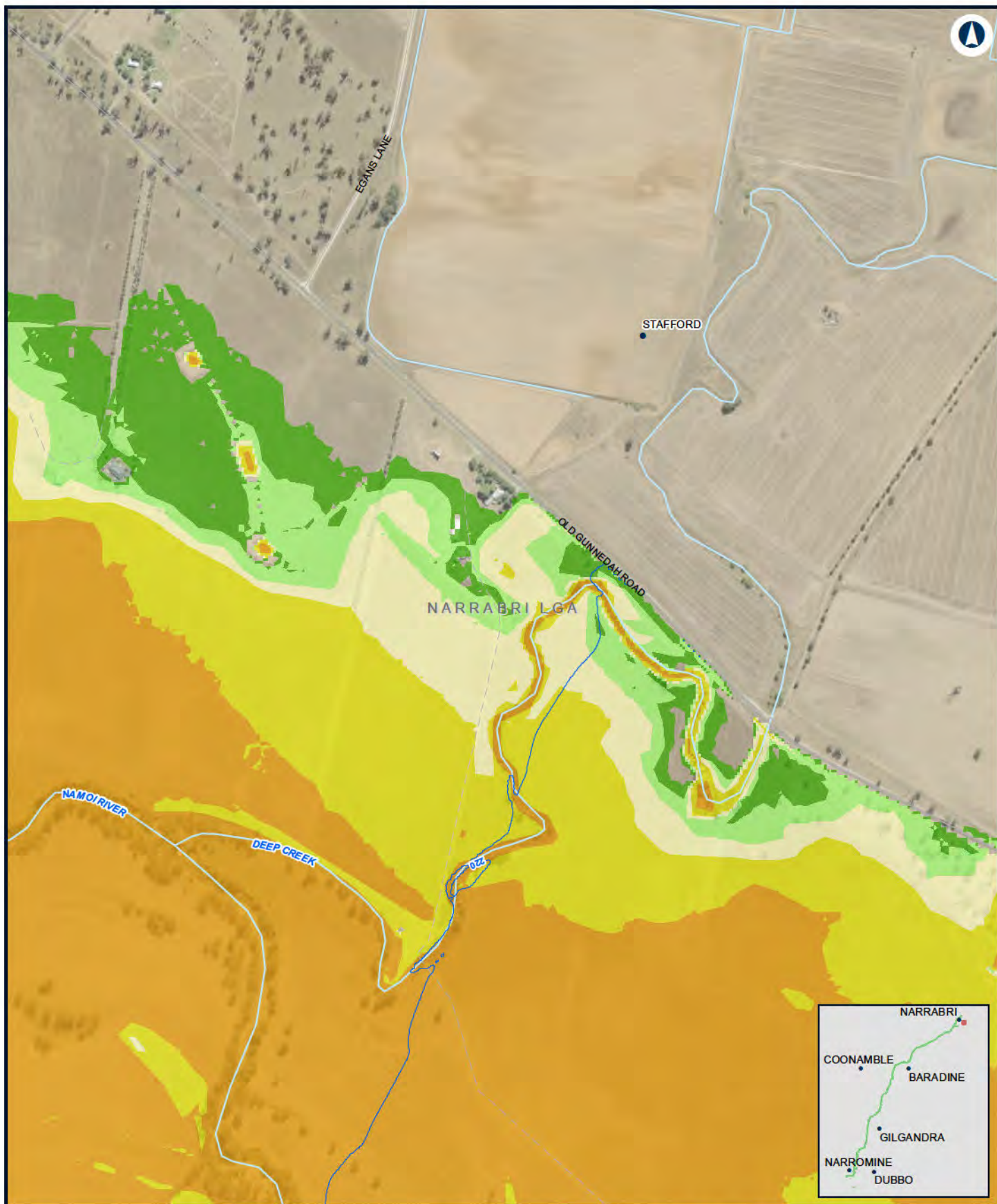
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.11

0 0.1 0.2
Km

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LEGEND

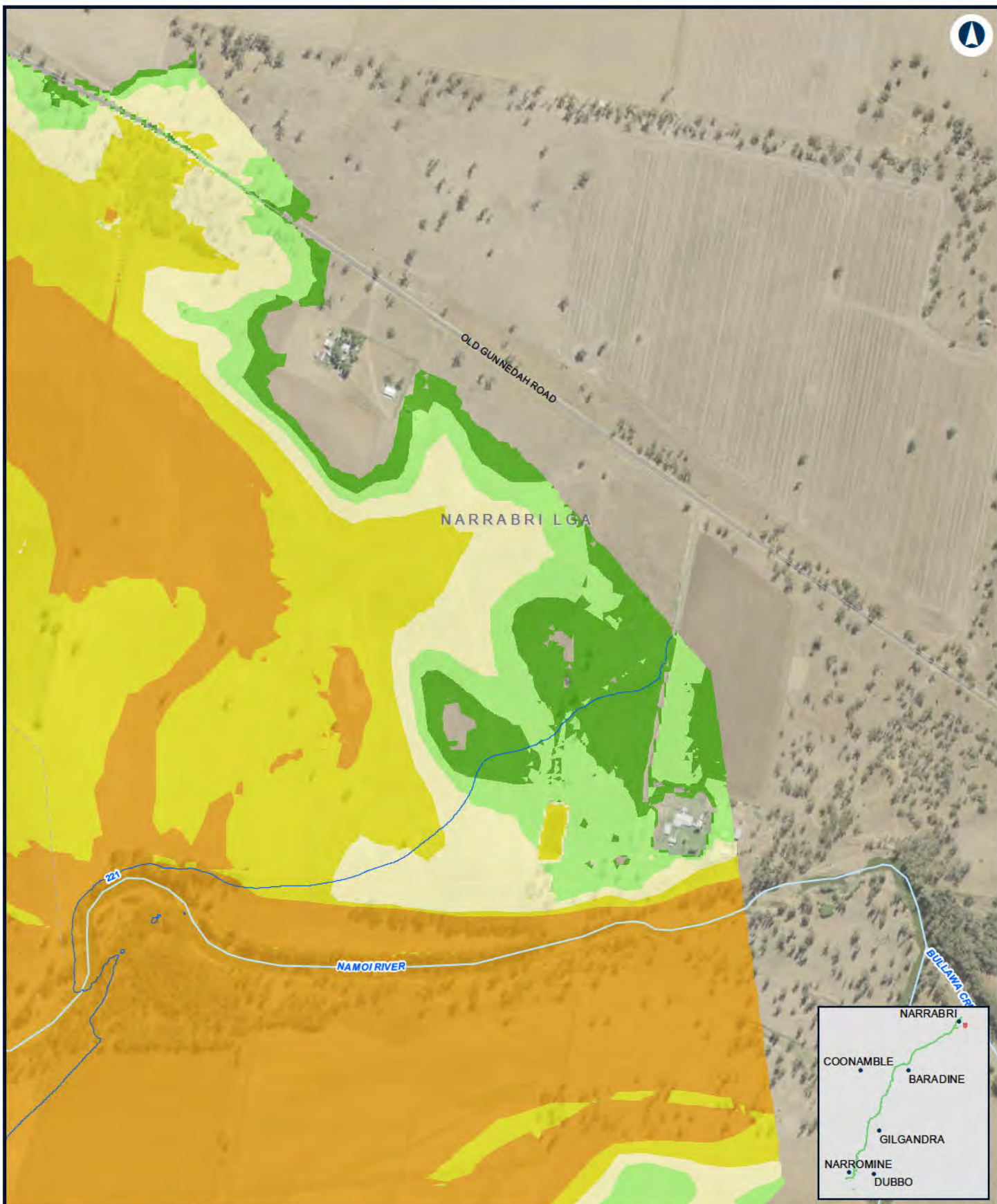
— Flood level (mAHD)

Flood depth

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

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.12

0 0.1 0.2
Km

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LEGEND

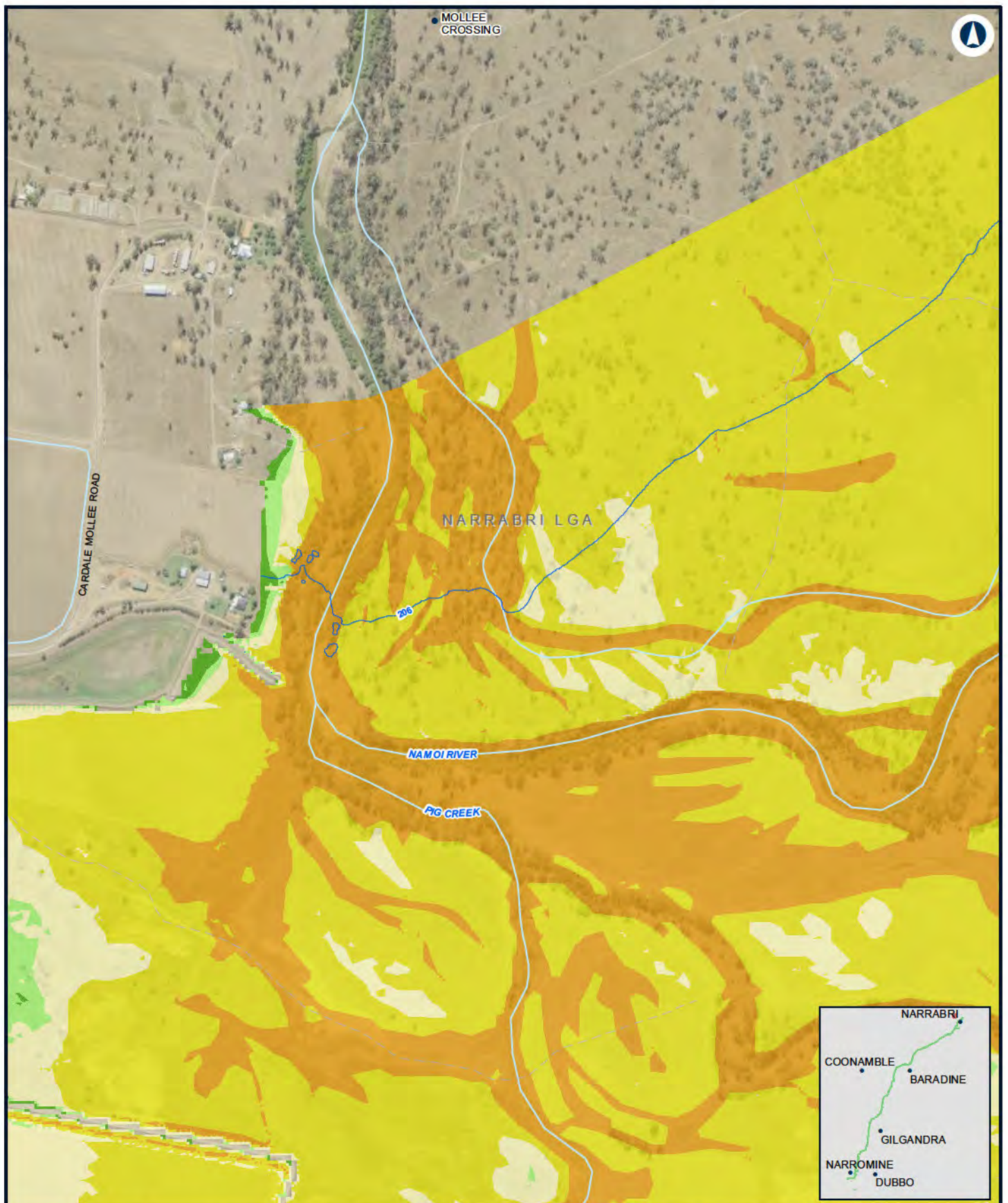
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.13

0 0.1 0.2
Km

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LEGEND

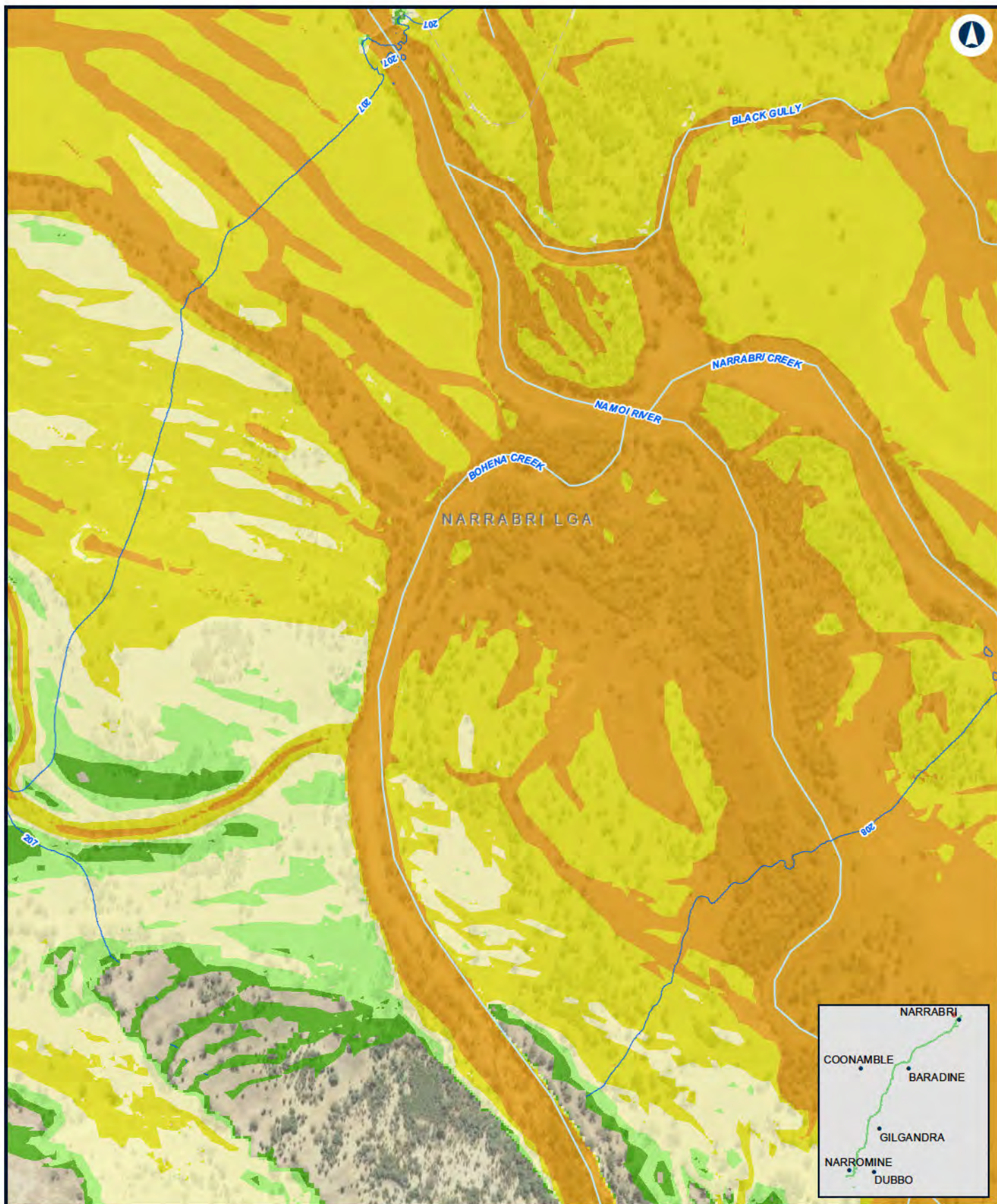
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.14

0 0.1 0.2
Km

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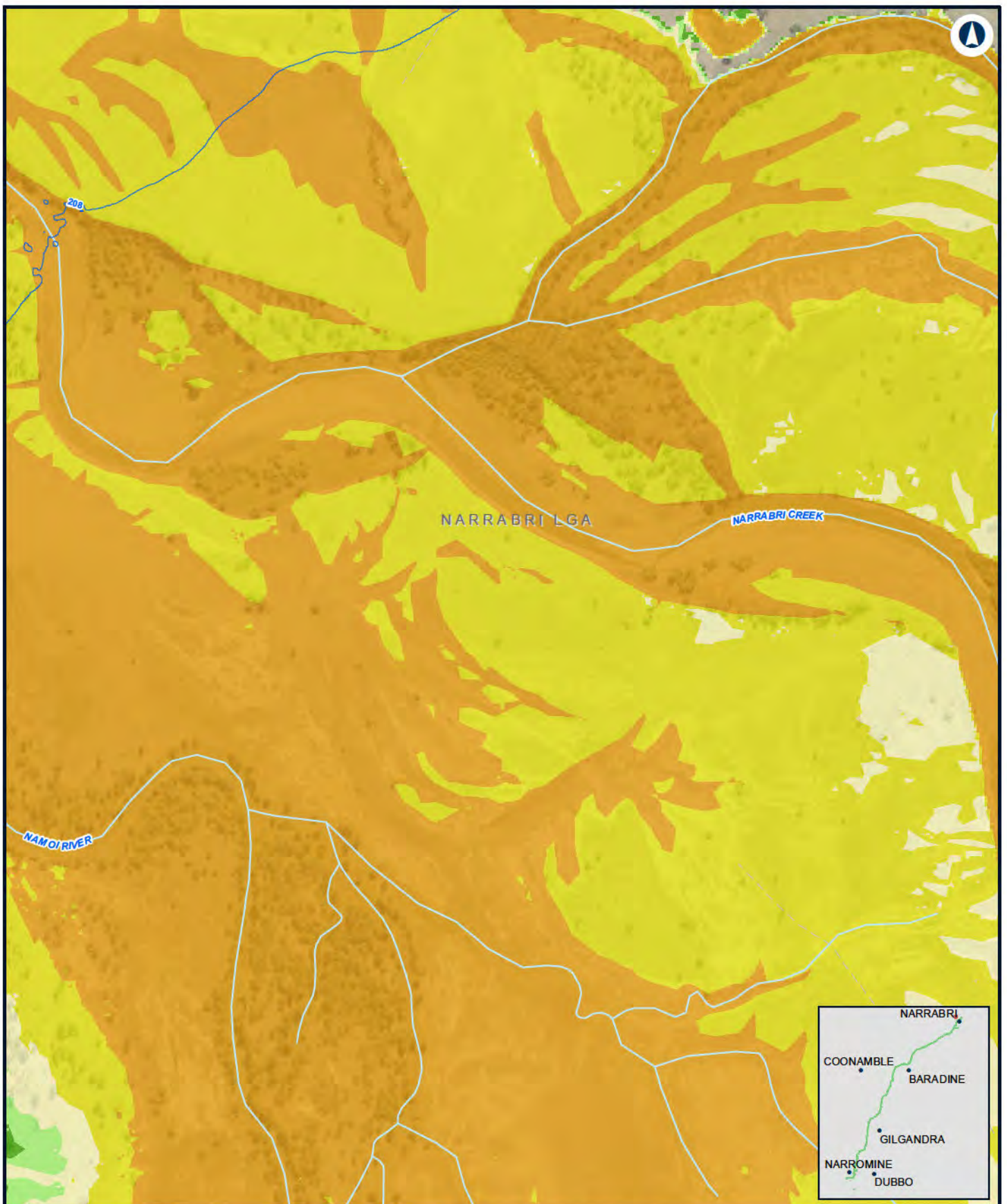
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.15

0 0.1 0.2
Km

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LEGEND

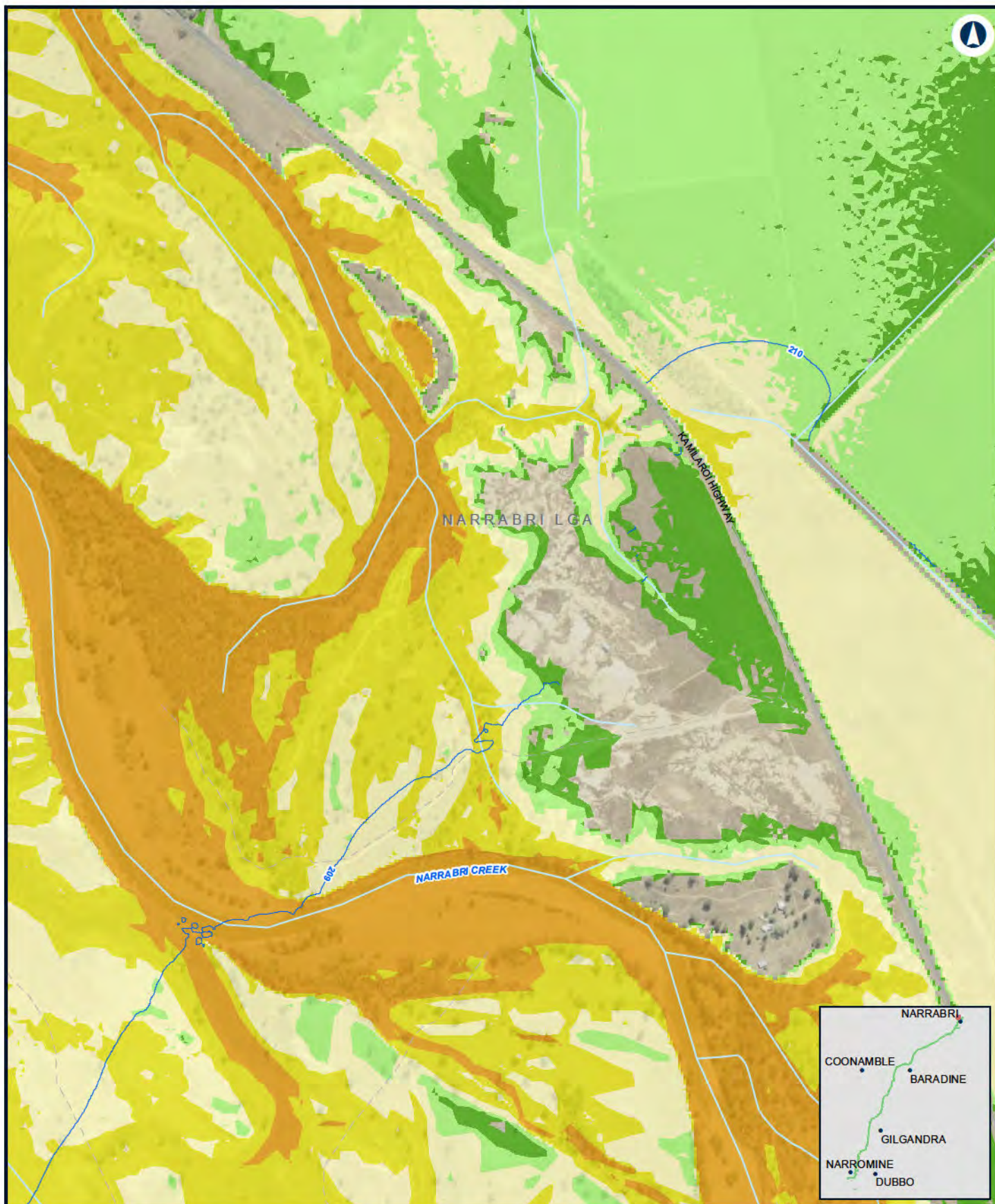
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.16

0 0.1 0.2
Km

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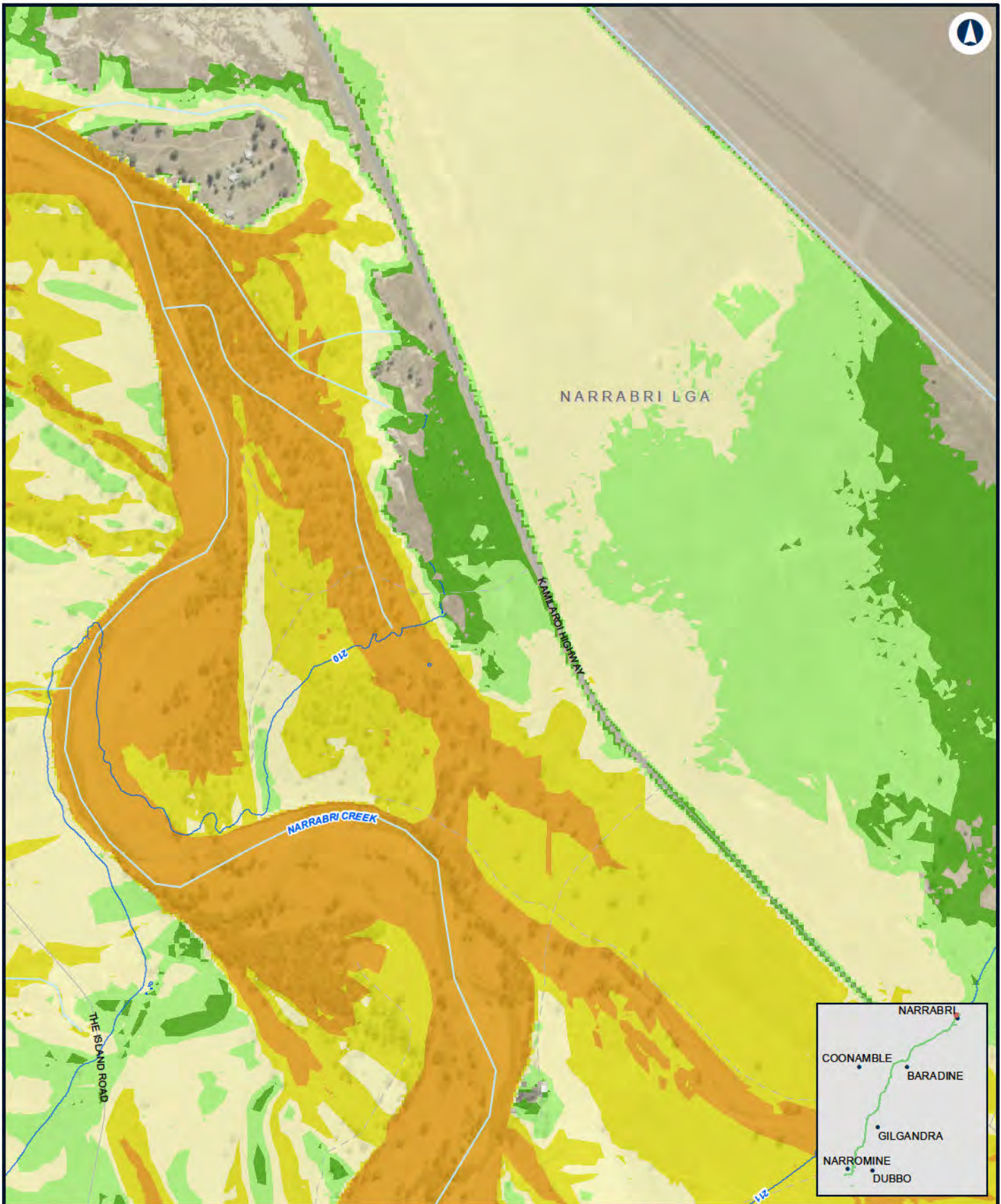
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.17

0 0.1 0.2
Km

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LEGEND

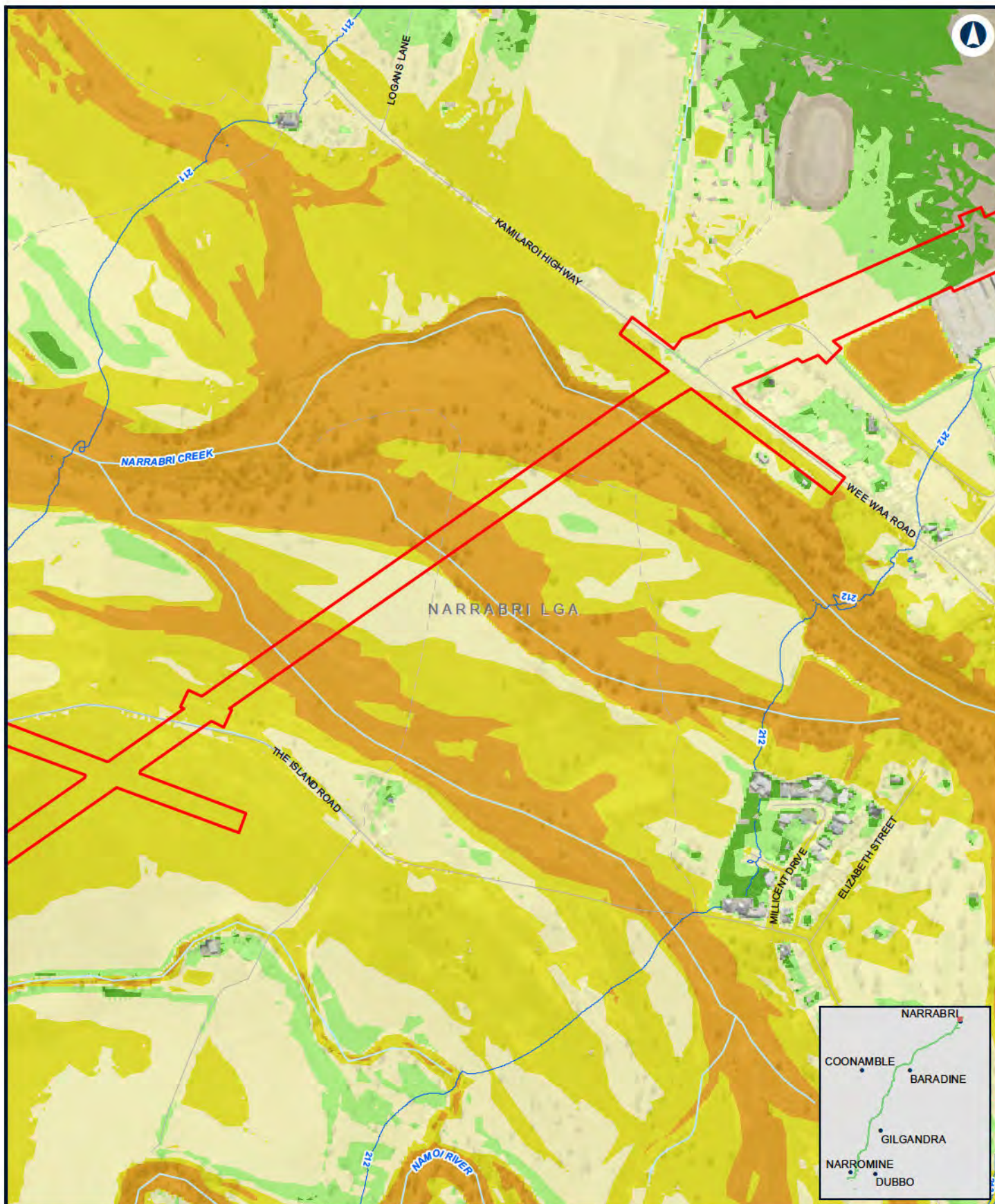
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.18

0 0.1 0.2
Km

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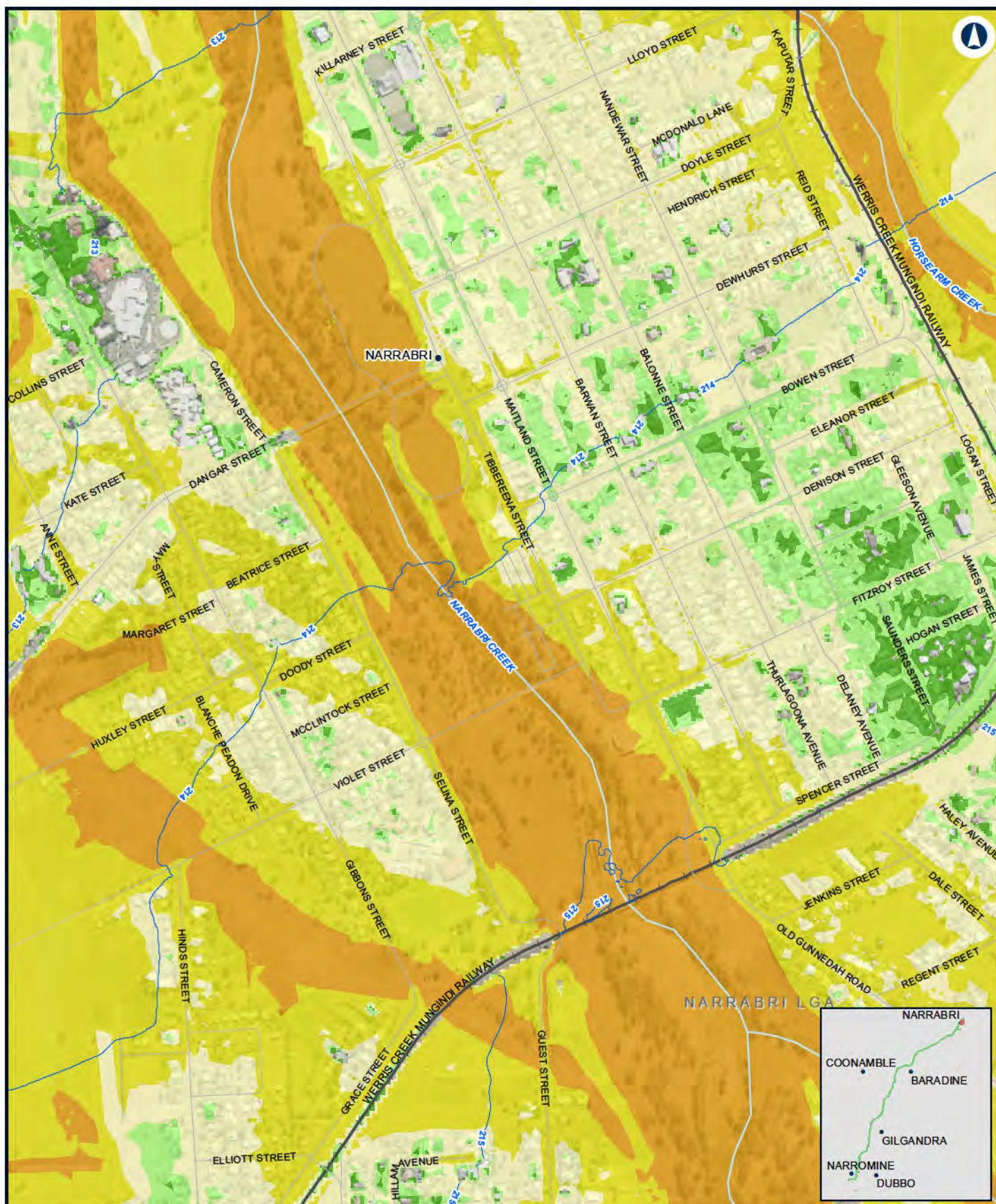
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Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

- The proposal
- Flood level (mAHD)
- 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 Regional

Appendix A - Figure 1.29.19

0 0.1 0.2
Km

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LEGEND

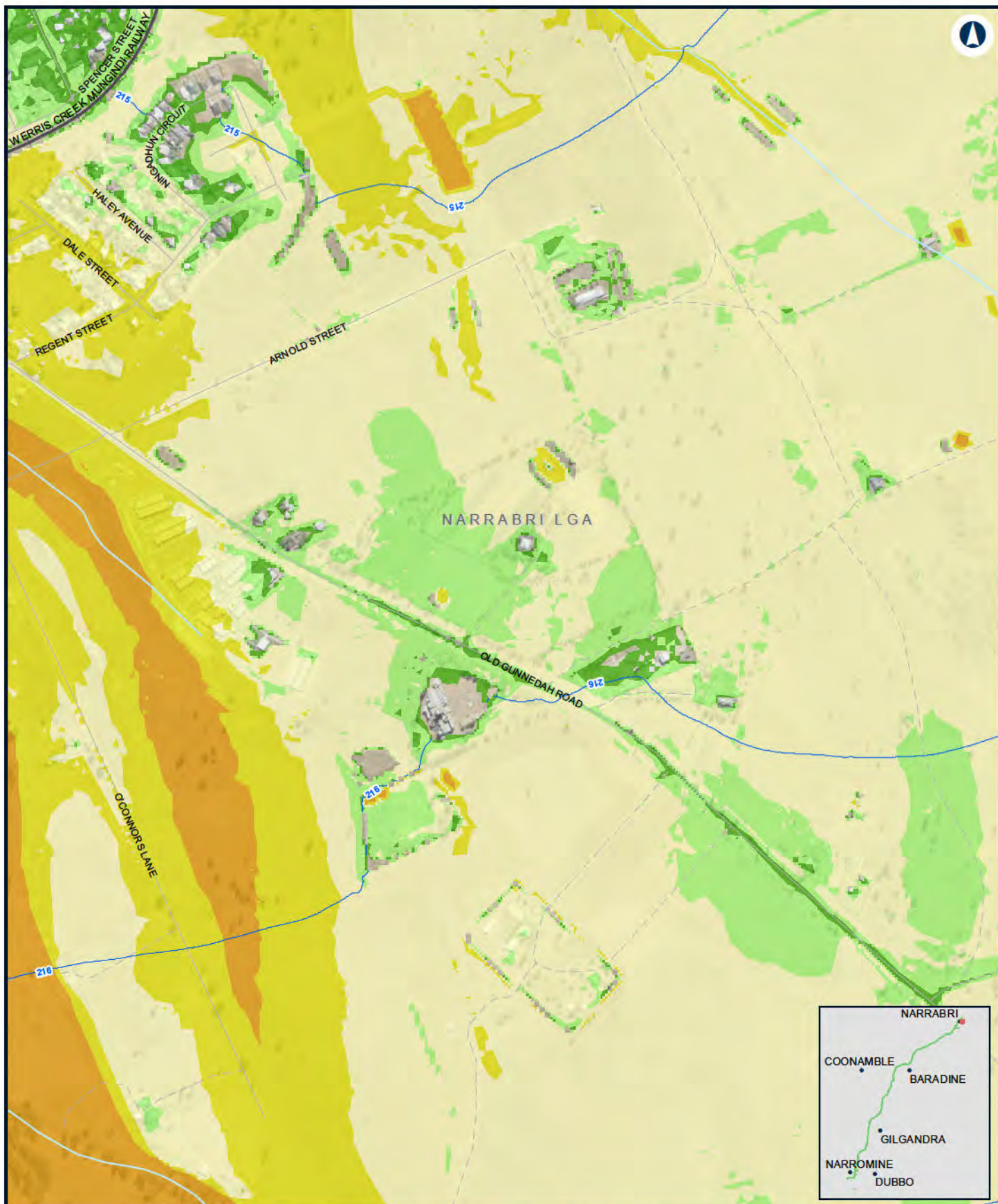
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.20

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

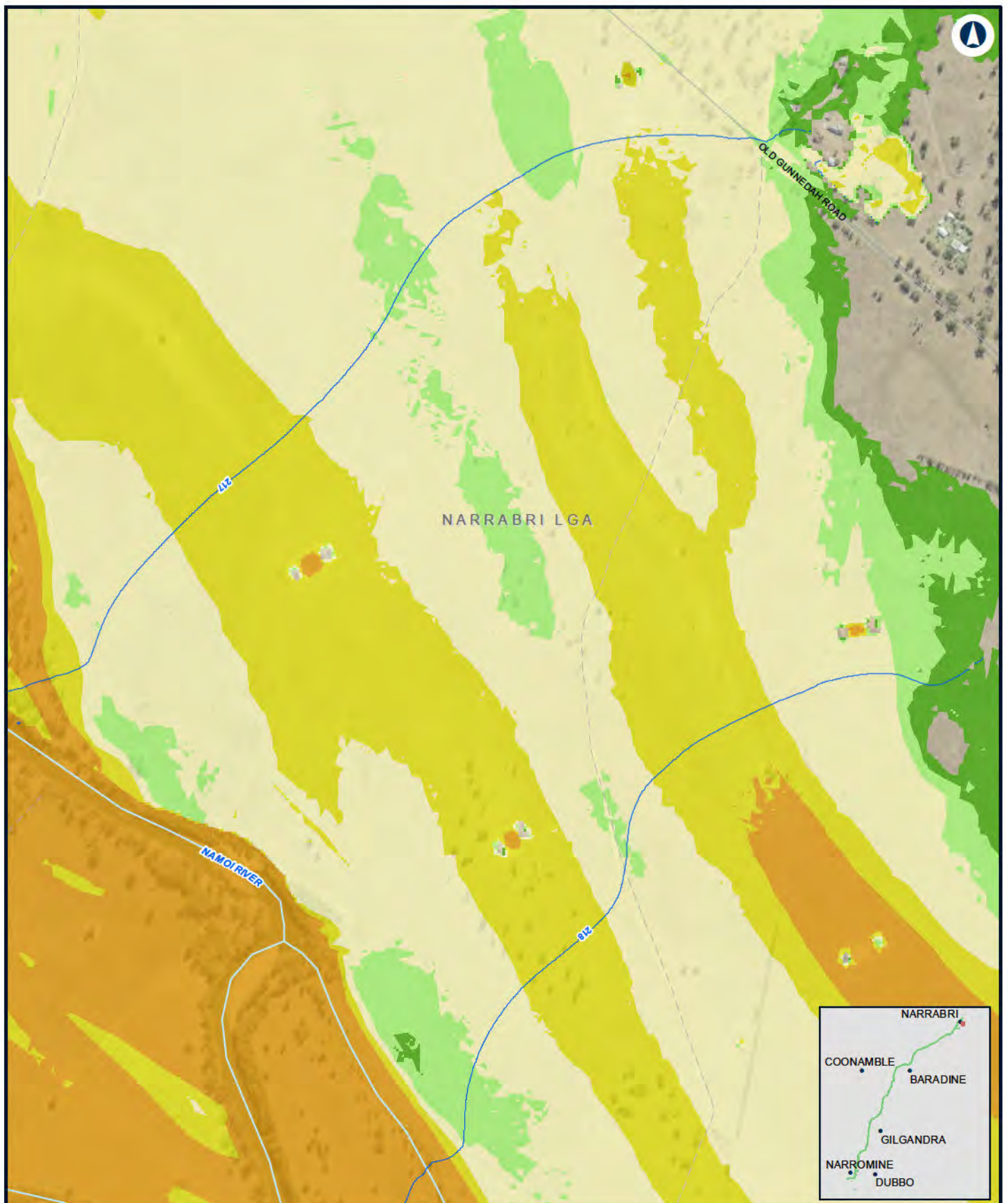
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.21

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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LEGEND

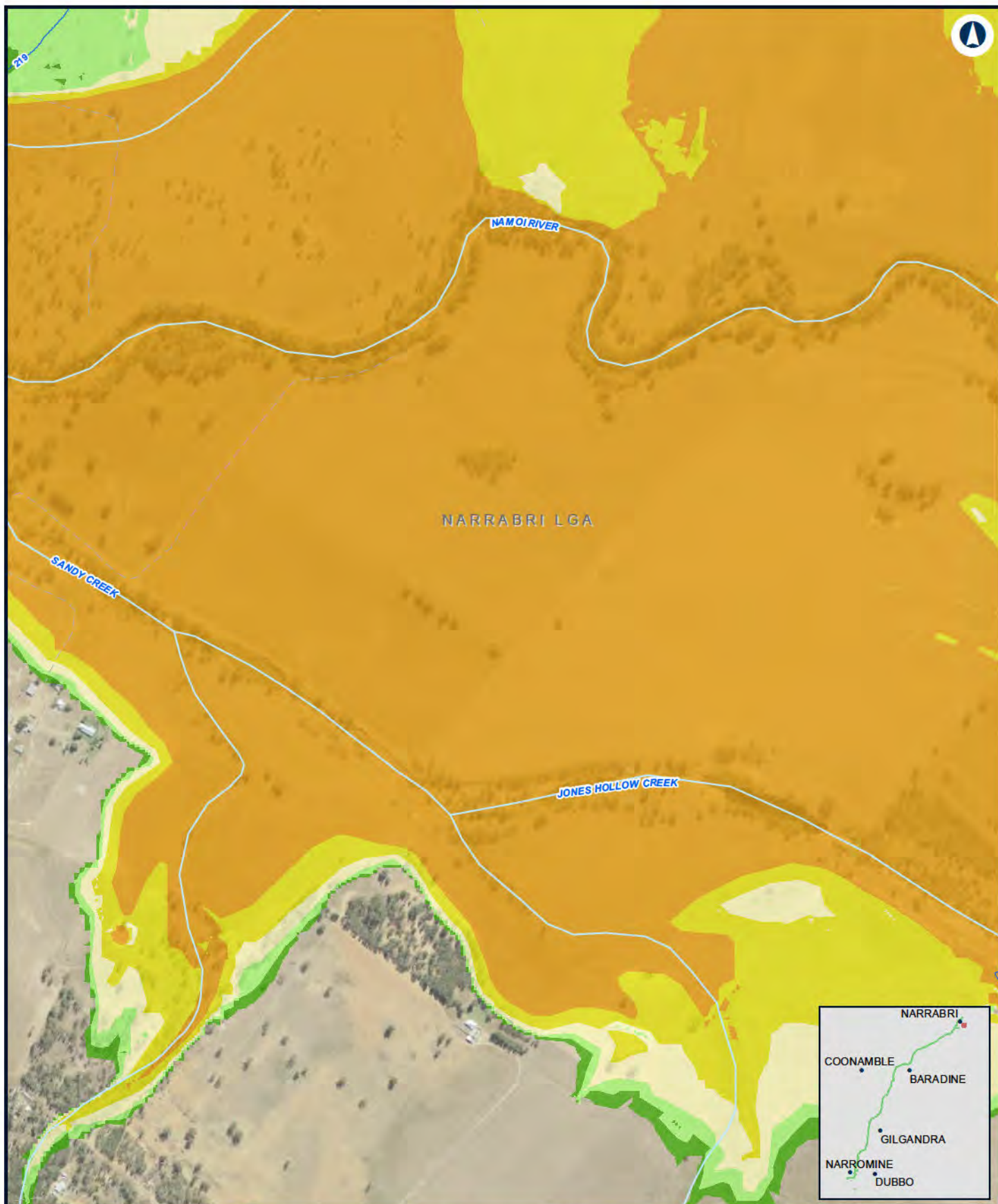
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

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

Appendix A - Figure 1.29.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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LEGEND

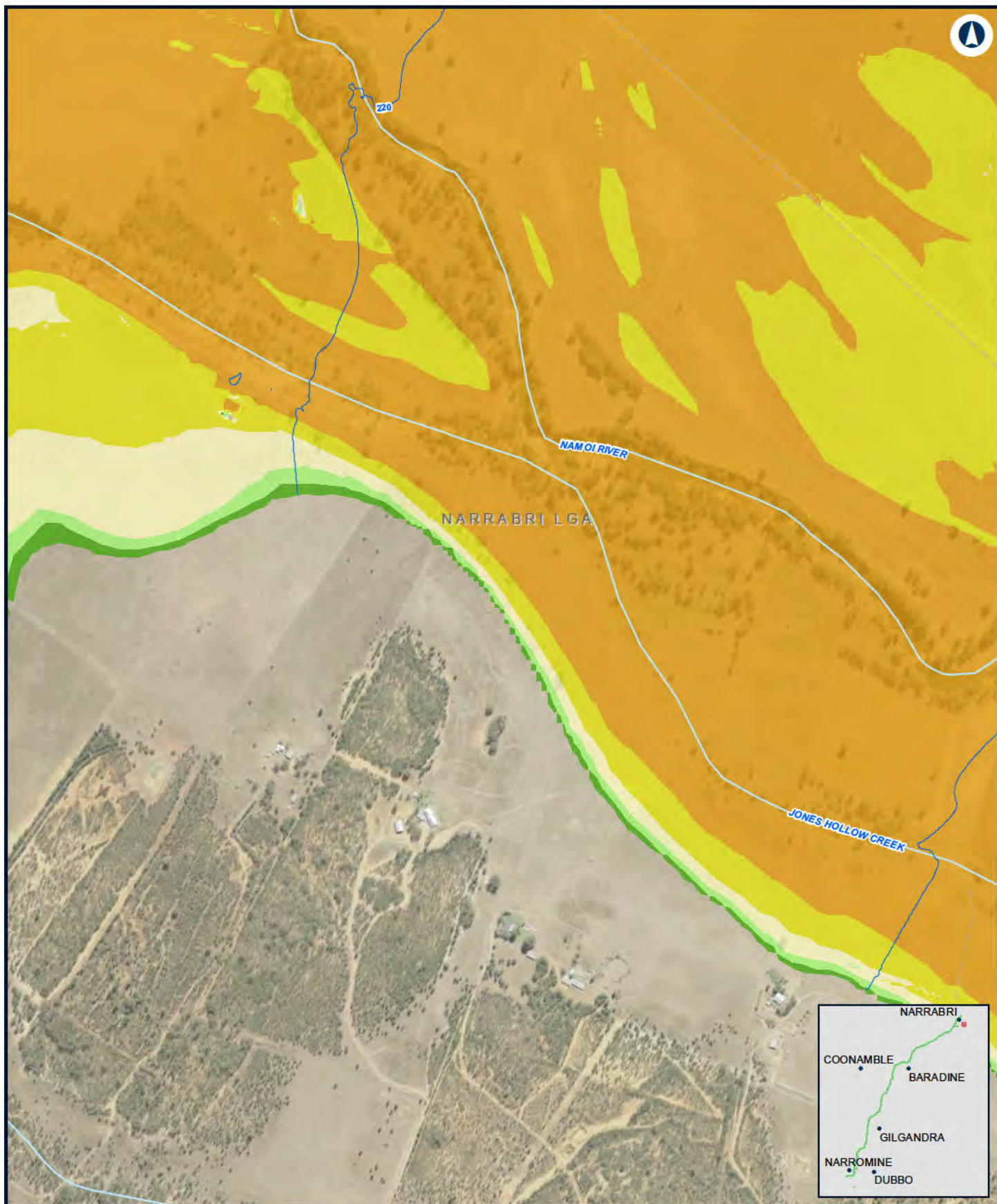
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

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

Appendix A - Figure 1.29.23

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: Basemap layers: NSWSS;

LEGEND

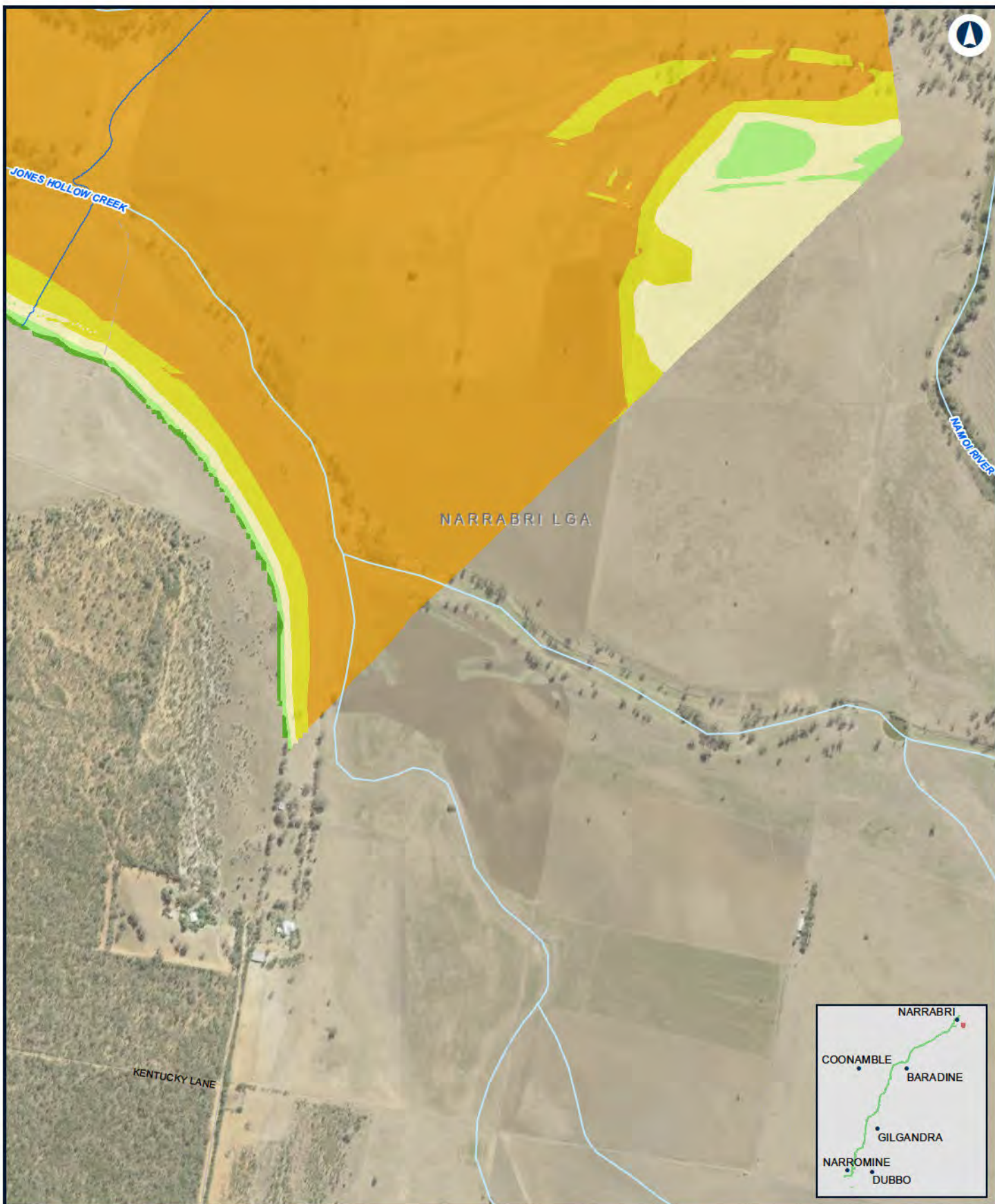
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.24

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

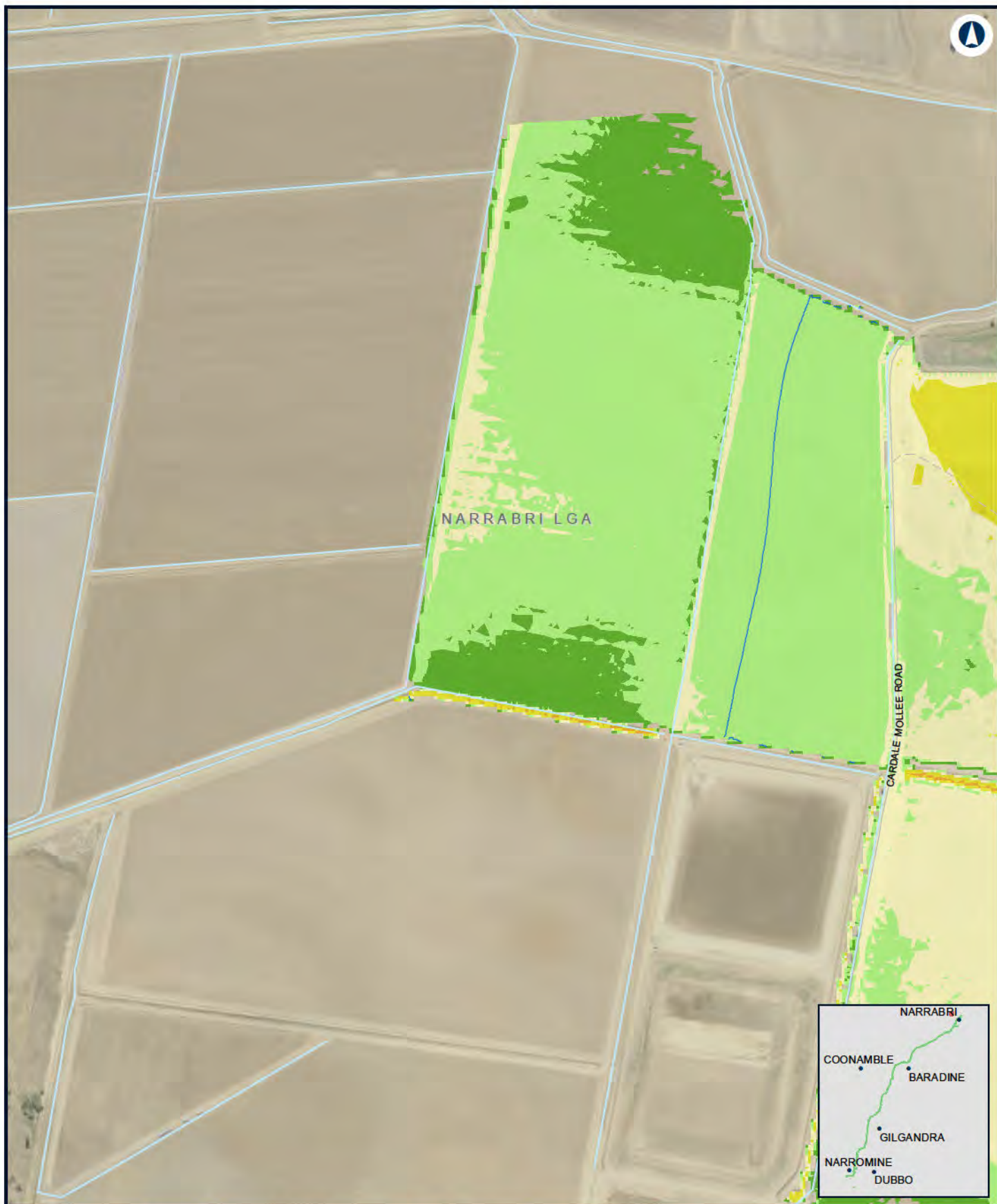
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.25

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

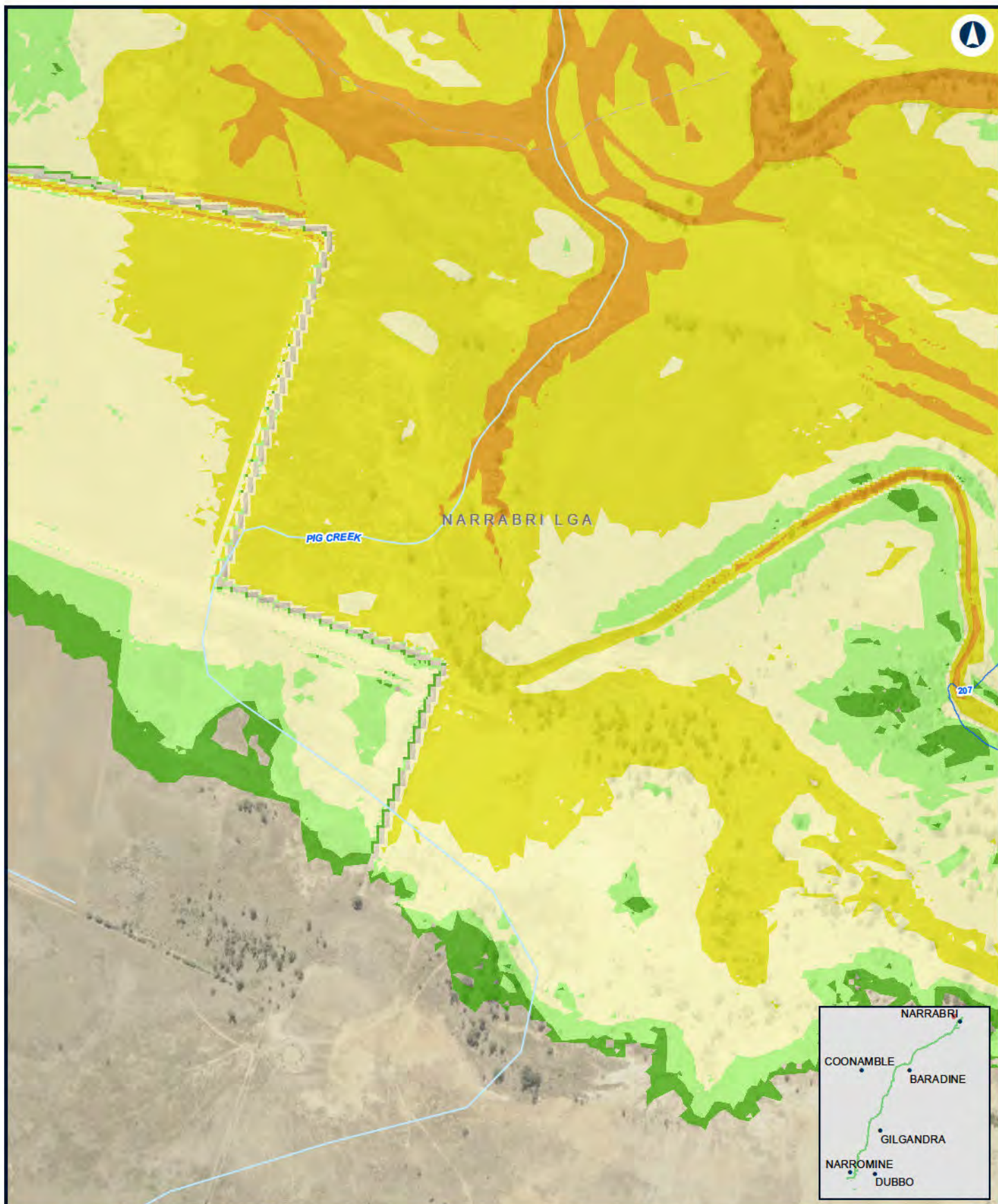
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.26

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

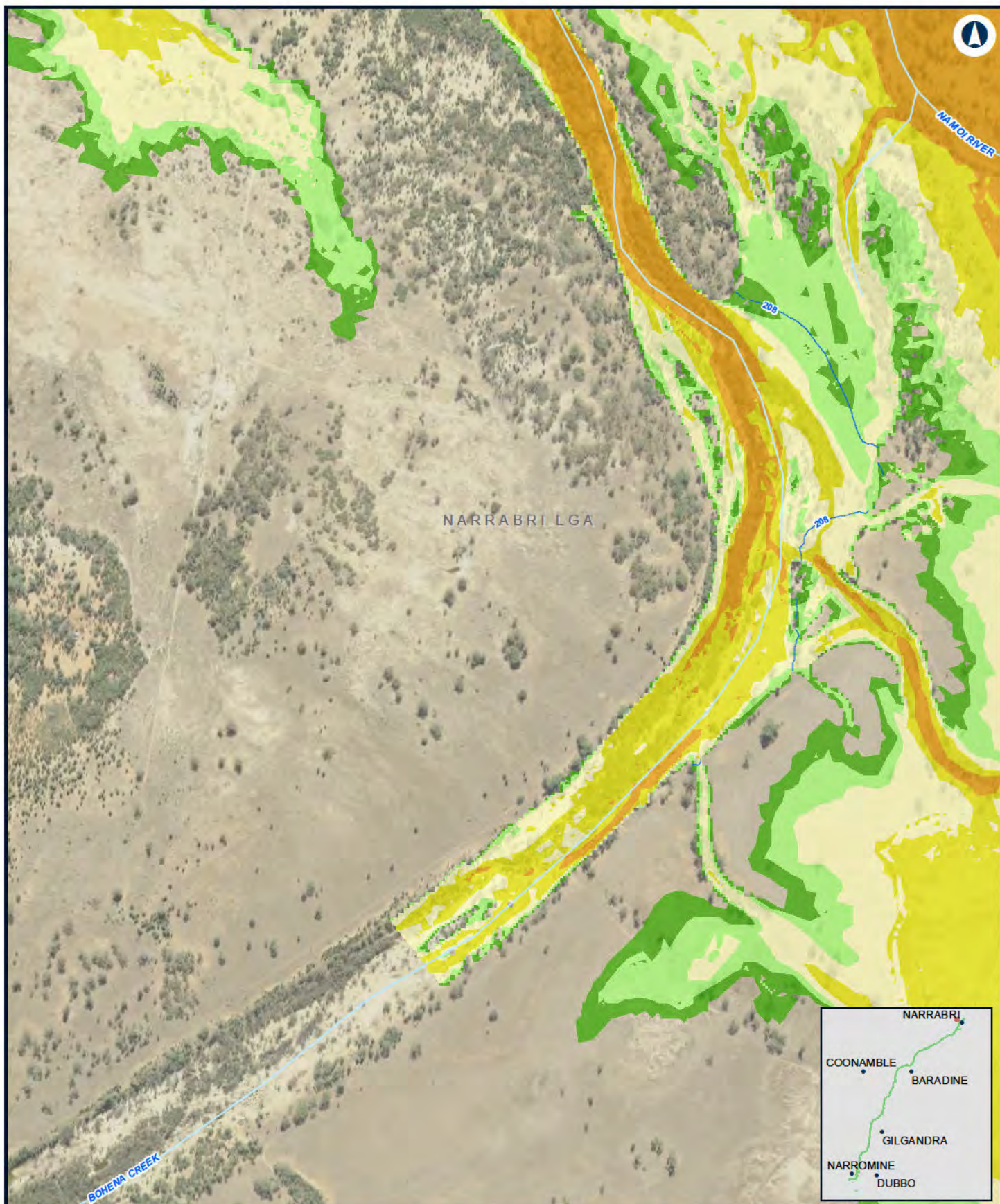
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.27

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

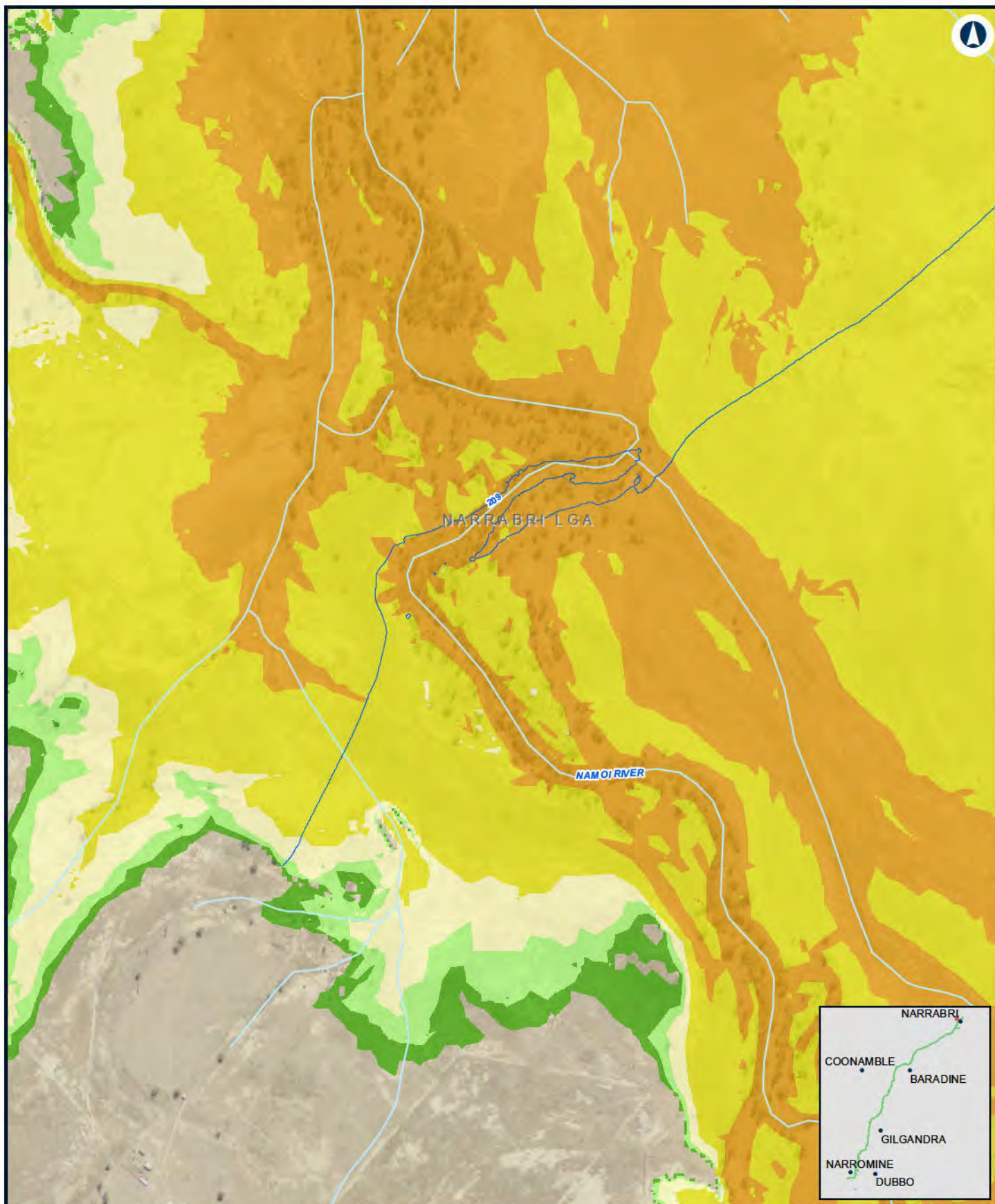
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.28

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

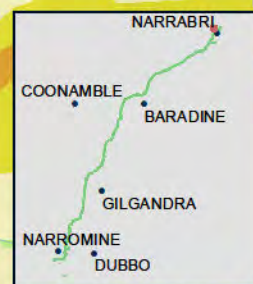
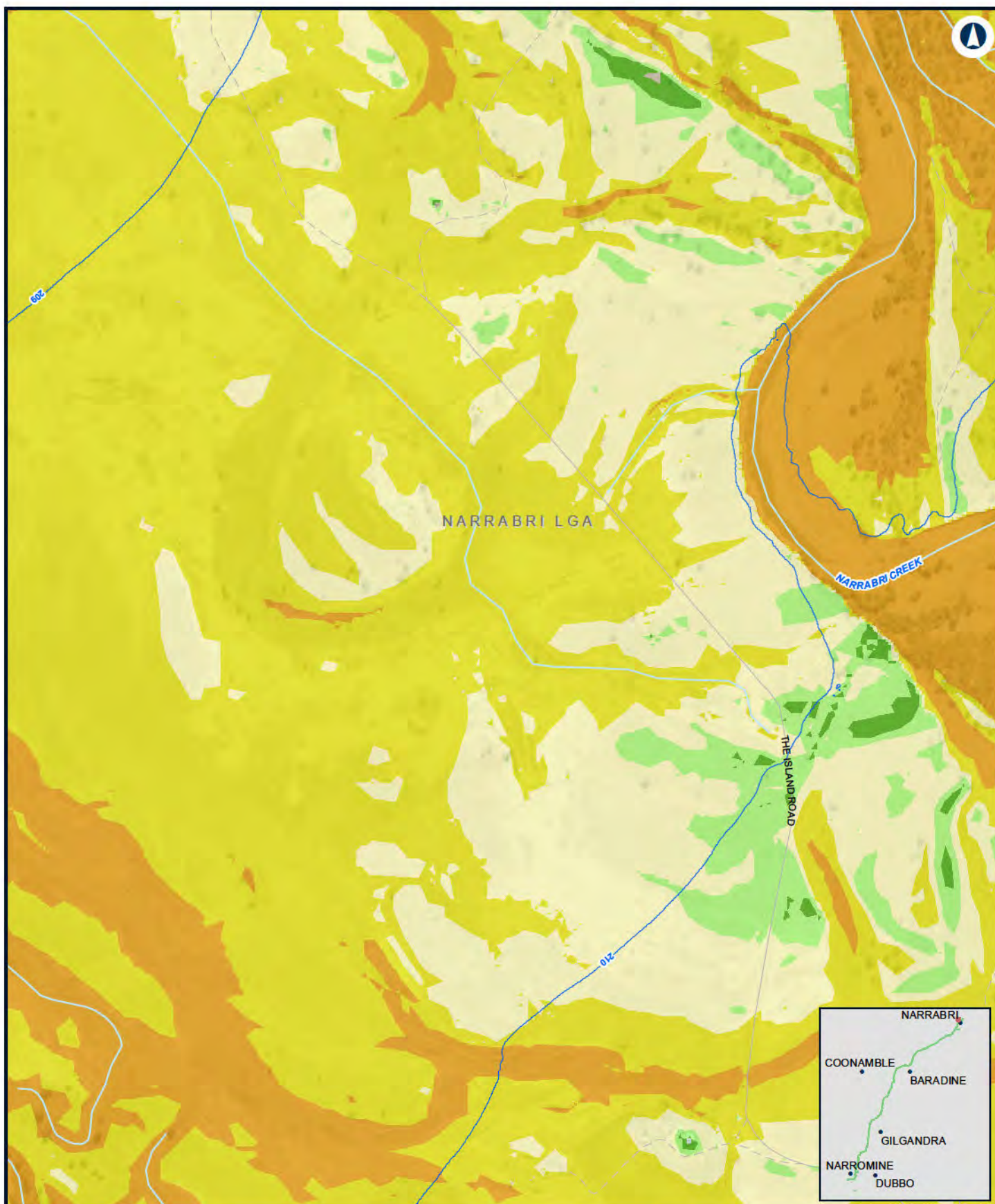
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.29

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

— 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**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.30

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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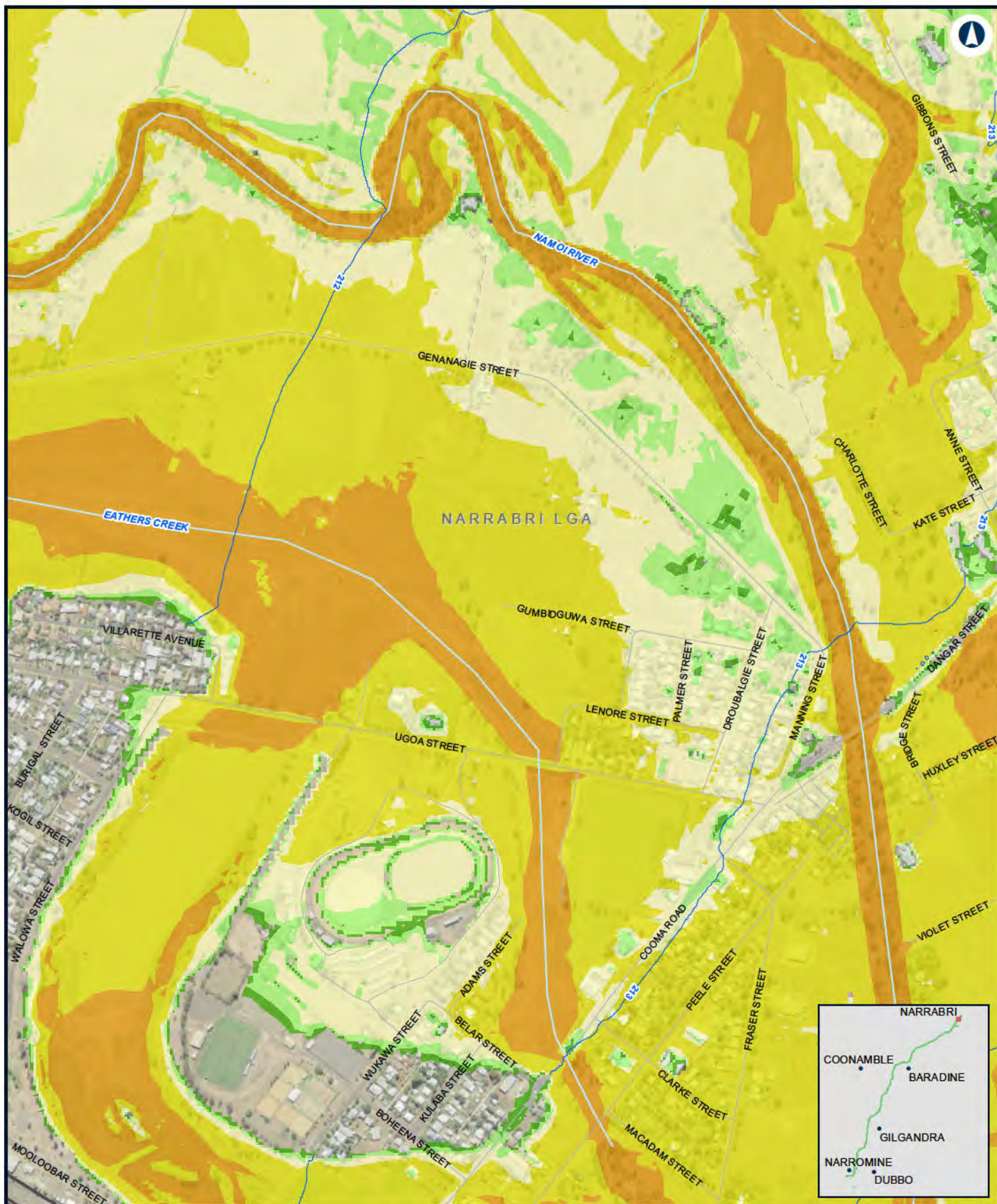
Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

- The proposal
- Flood level (mAHD)
- 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 Regional

Appendix A - Figure 1.29.31

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

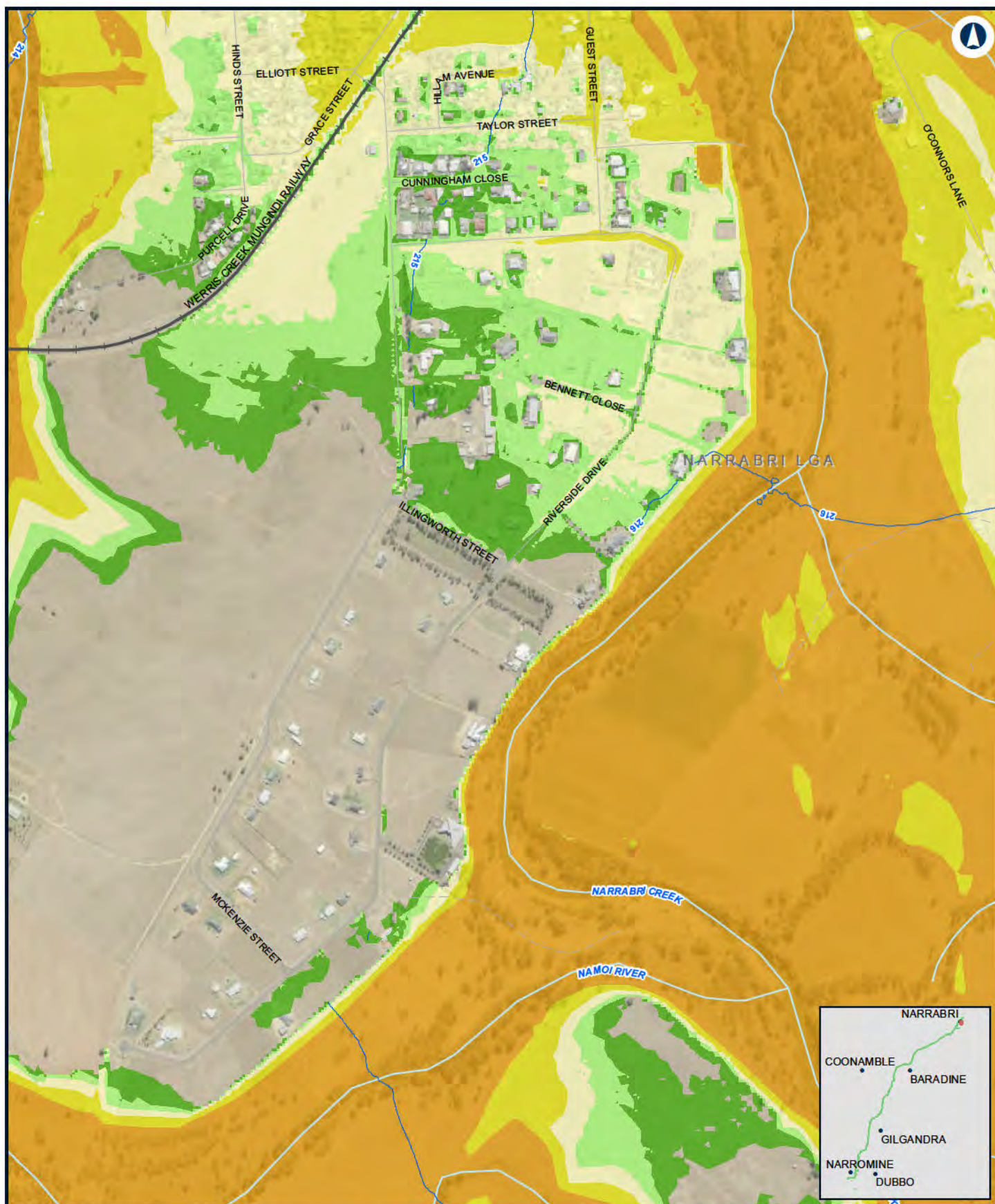
— Flood level (mAHD)

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.32

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

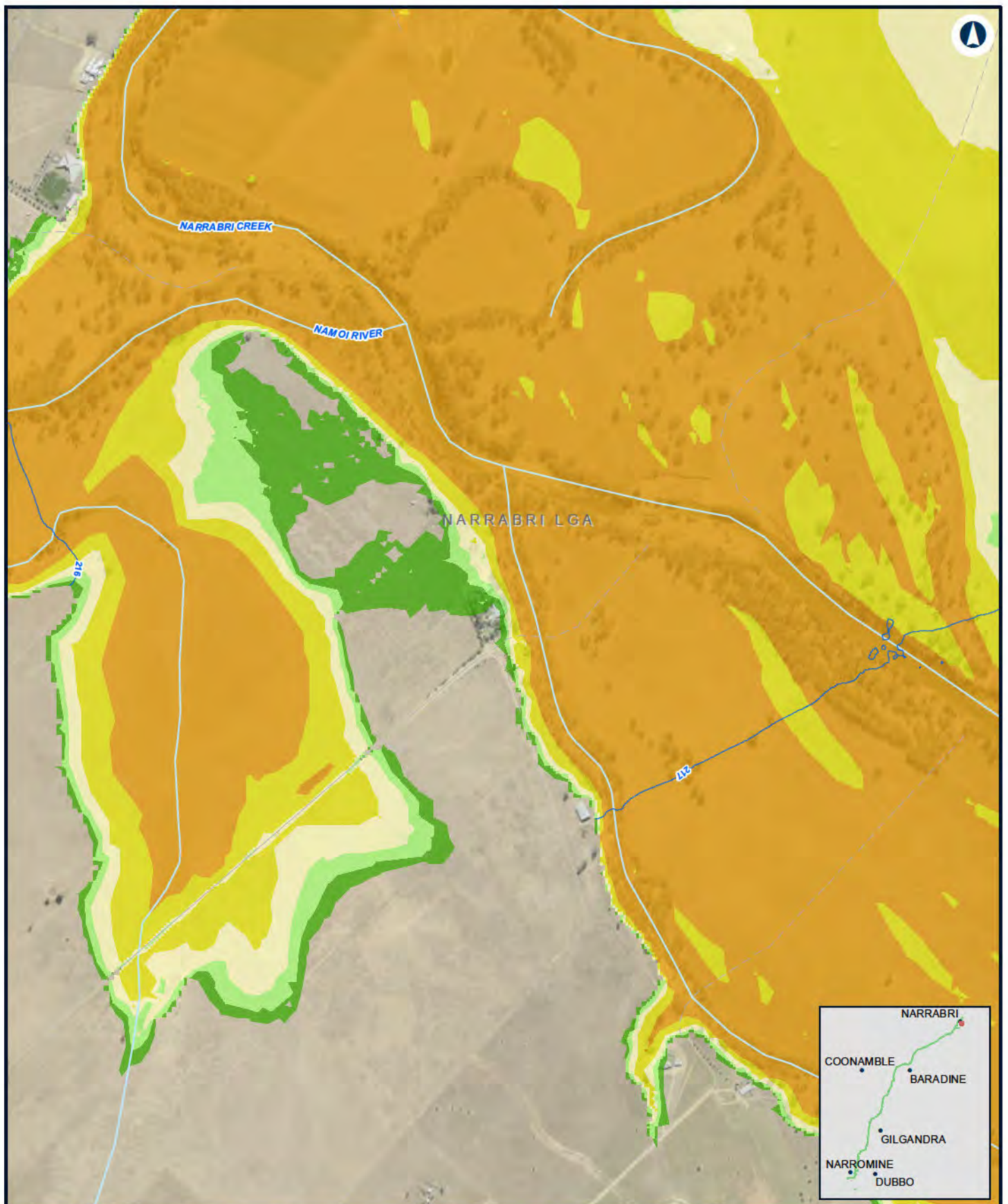
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.33

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: Basemap layers: NSWSS;

LEGEND

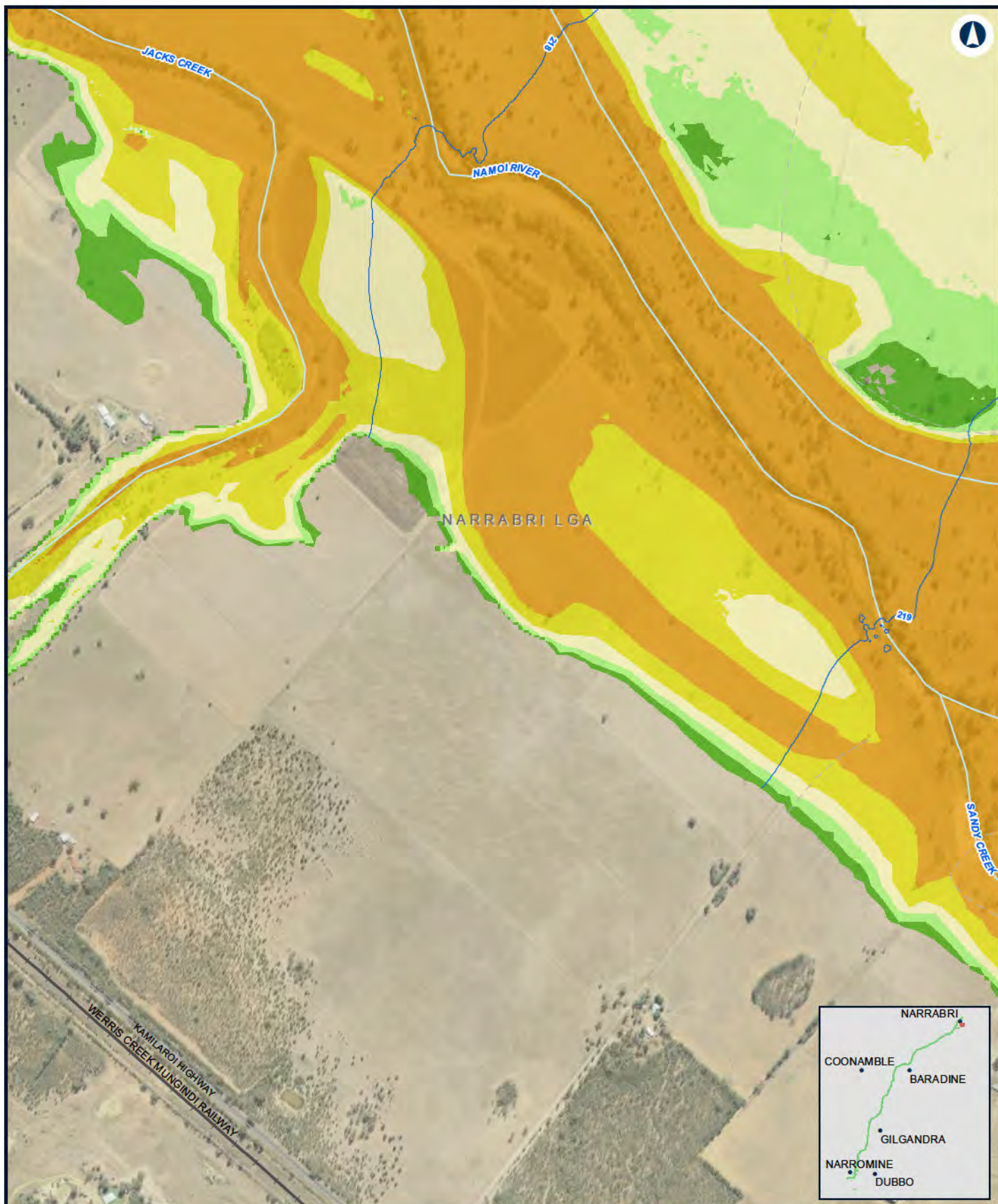
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.34

0 0.1 0.2
Km

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

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 Regional

Appendix A - Figure 1.29.35

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Data Sources: Basemap layers: NSWSS;

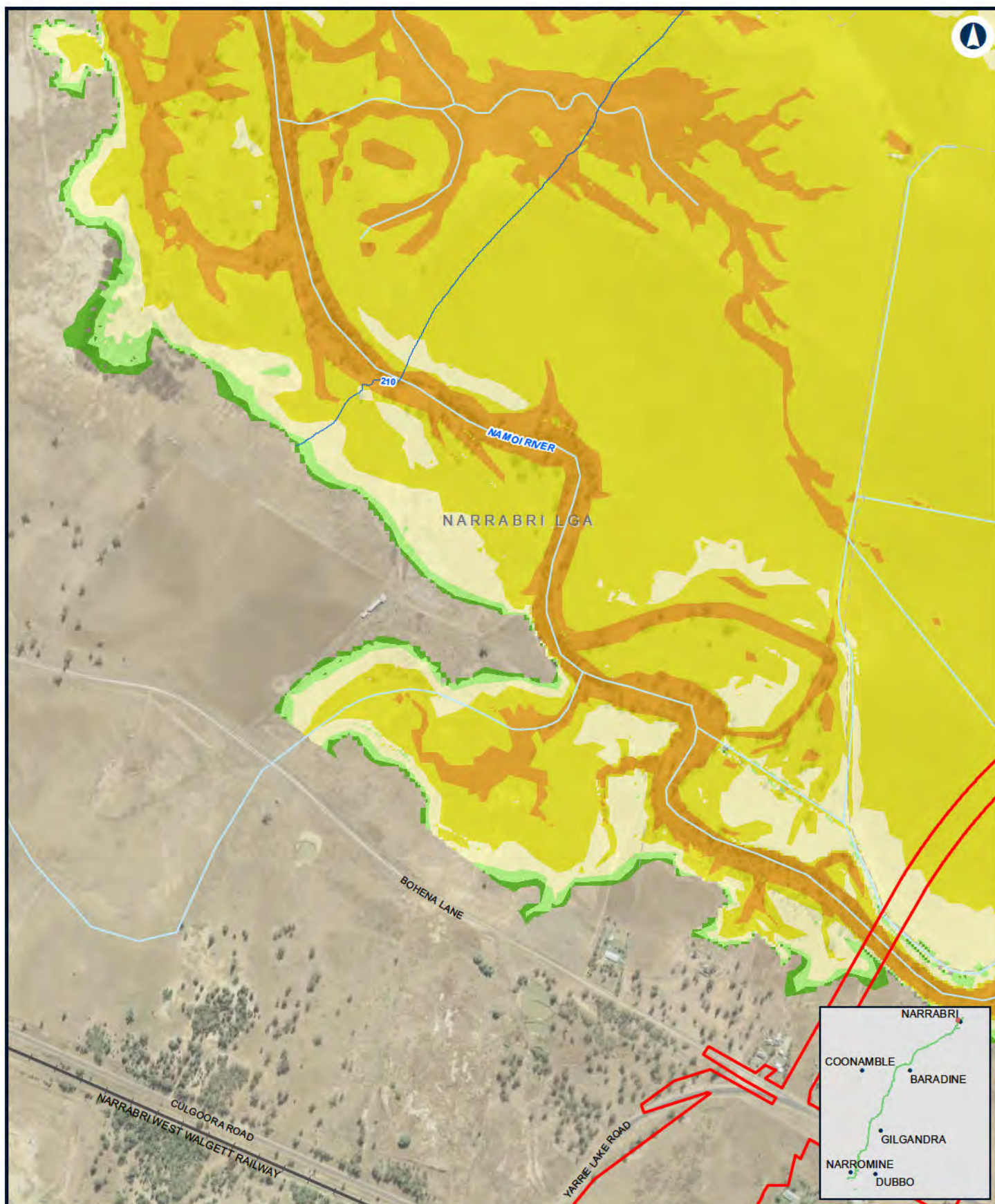
LEGEND

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 Regional

Appendix A - Figure 1.29.36

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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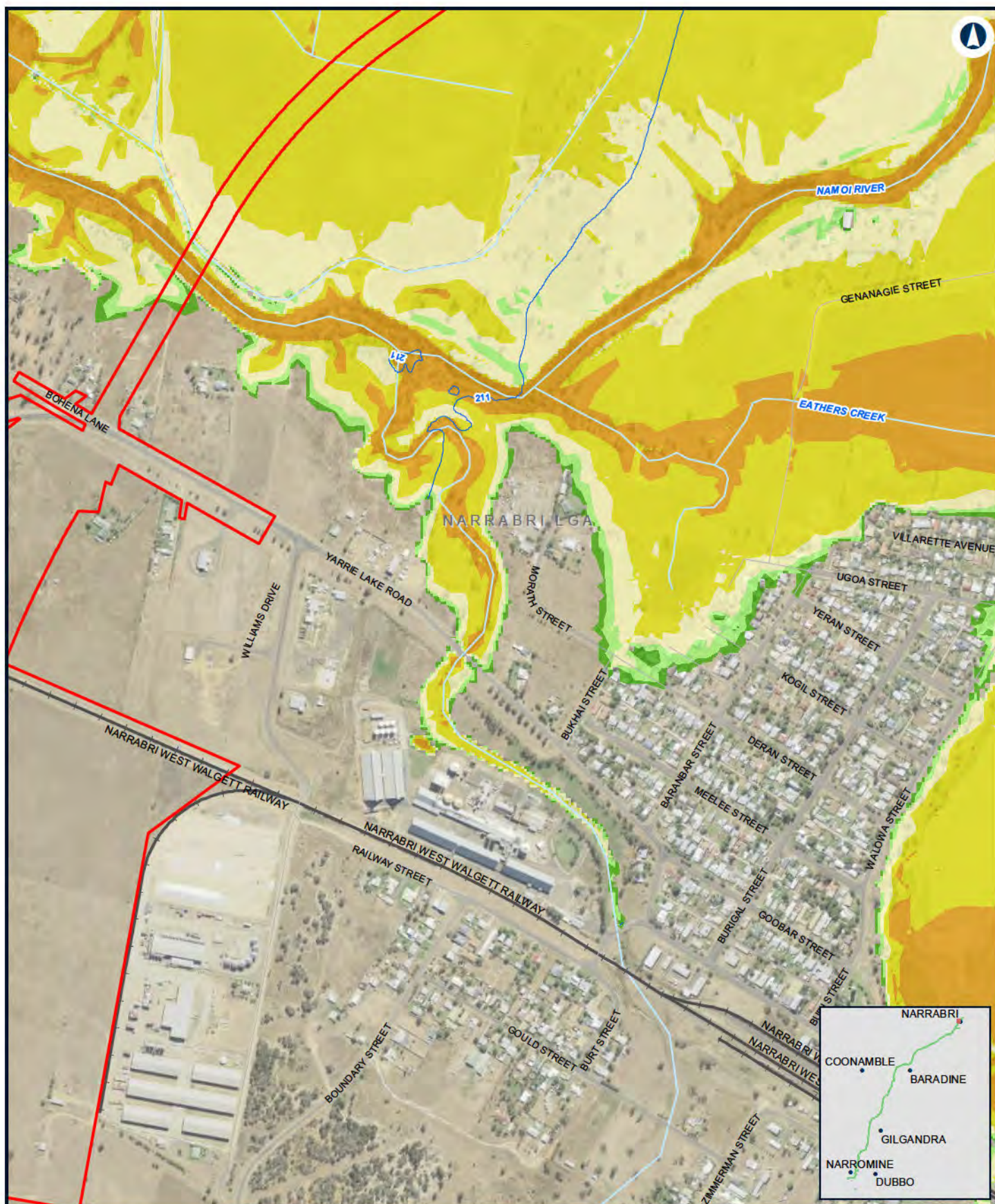
Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

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

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NARROMINE TO NARRABRI

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

Appendix A - Figure 1.29.37

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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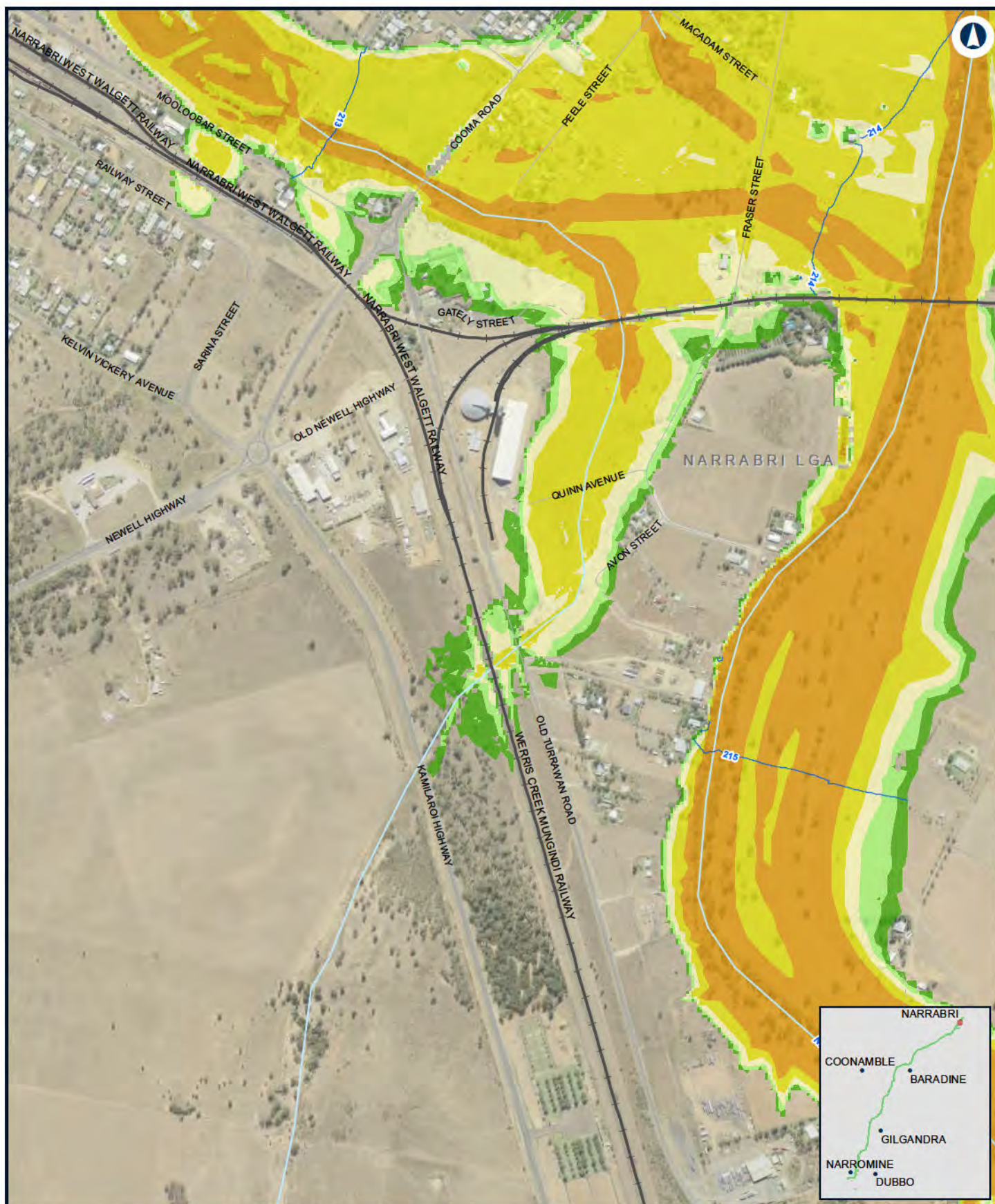
Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

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

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NARRABRI TO NARRABRI

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

Appendix A - Figure 1.29.38

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

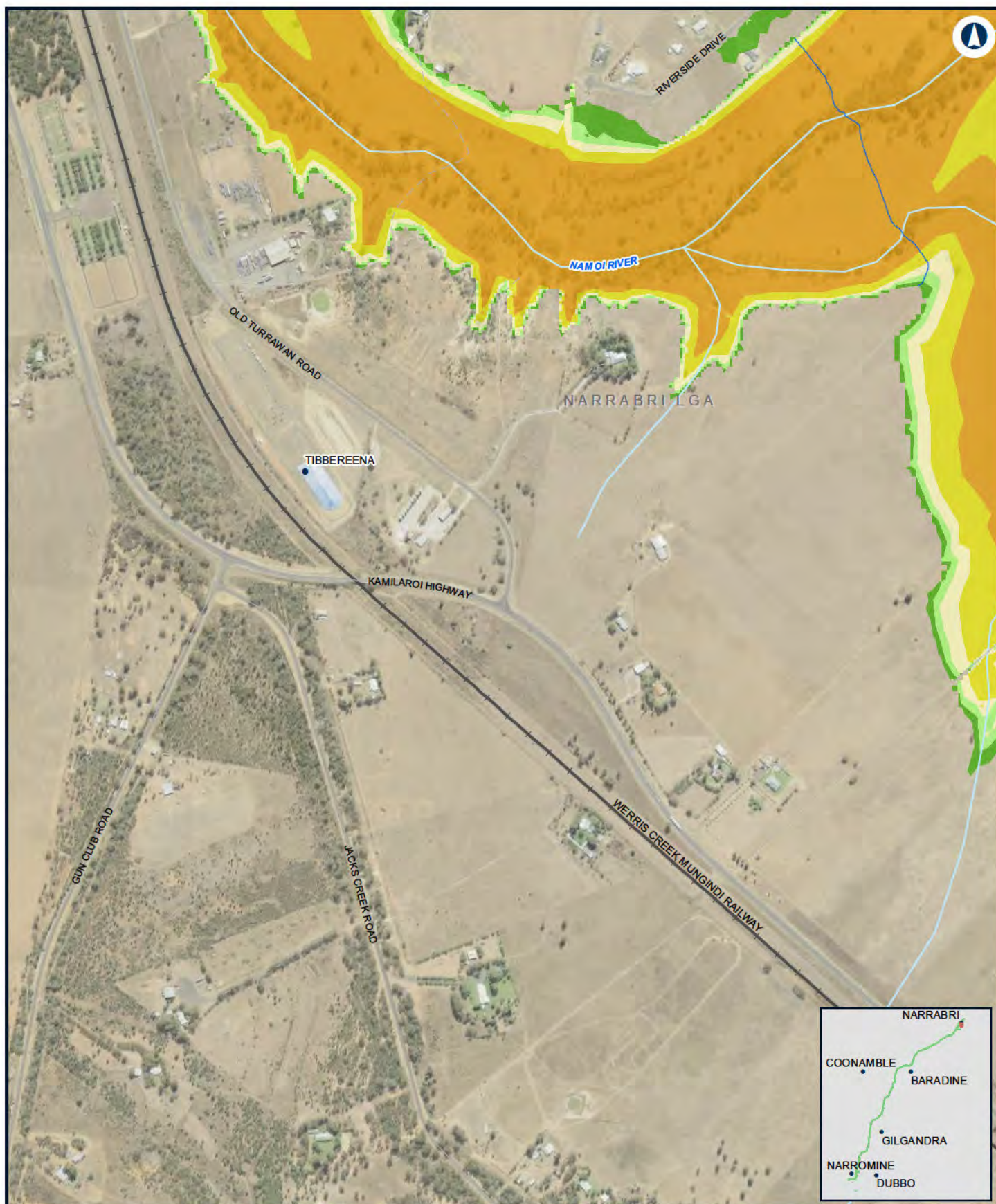
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.39

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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

LEGEND

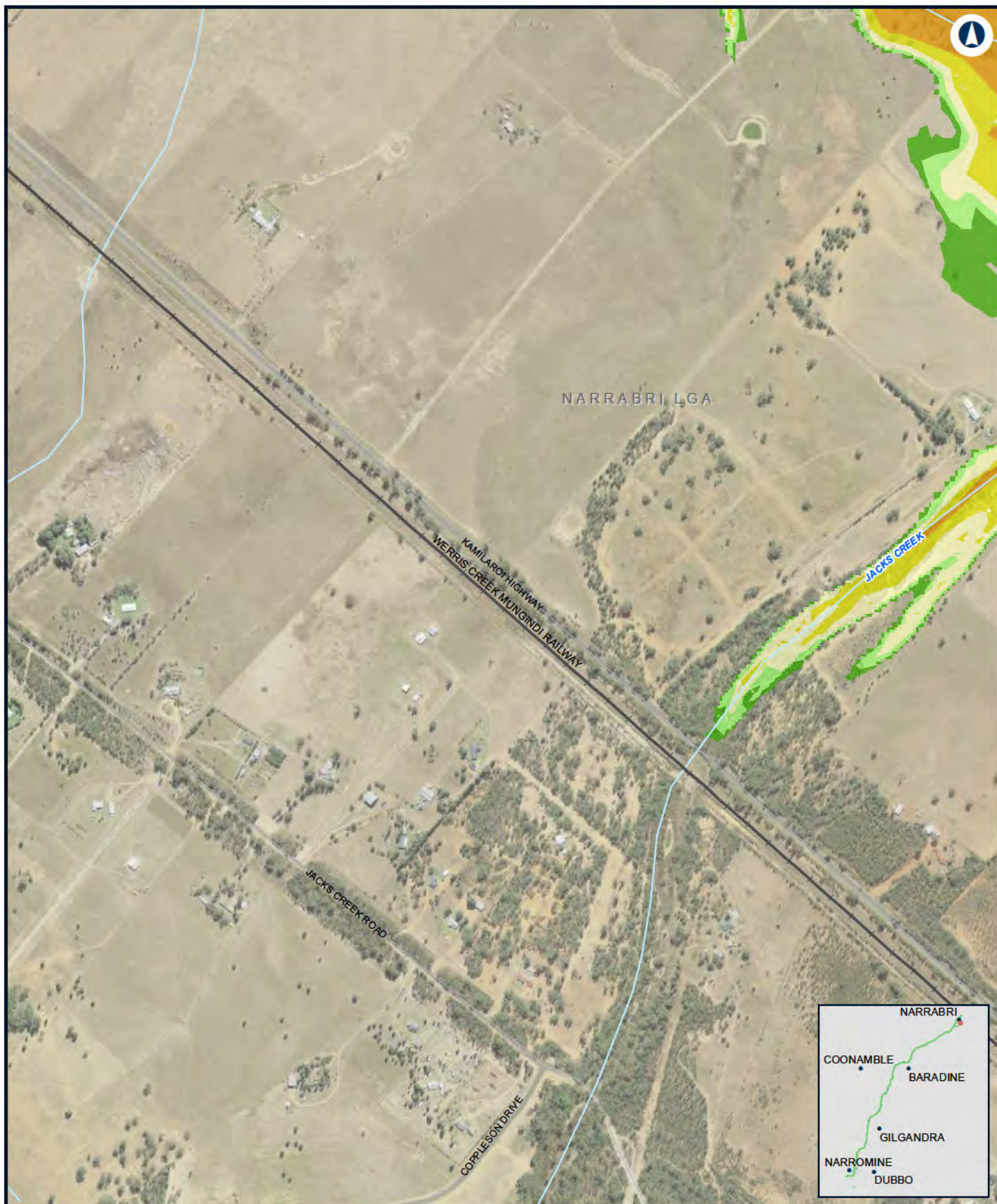
— Flood level (mAHD)

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 Regional

Appendix A - Figure 1.29.40

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;

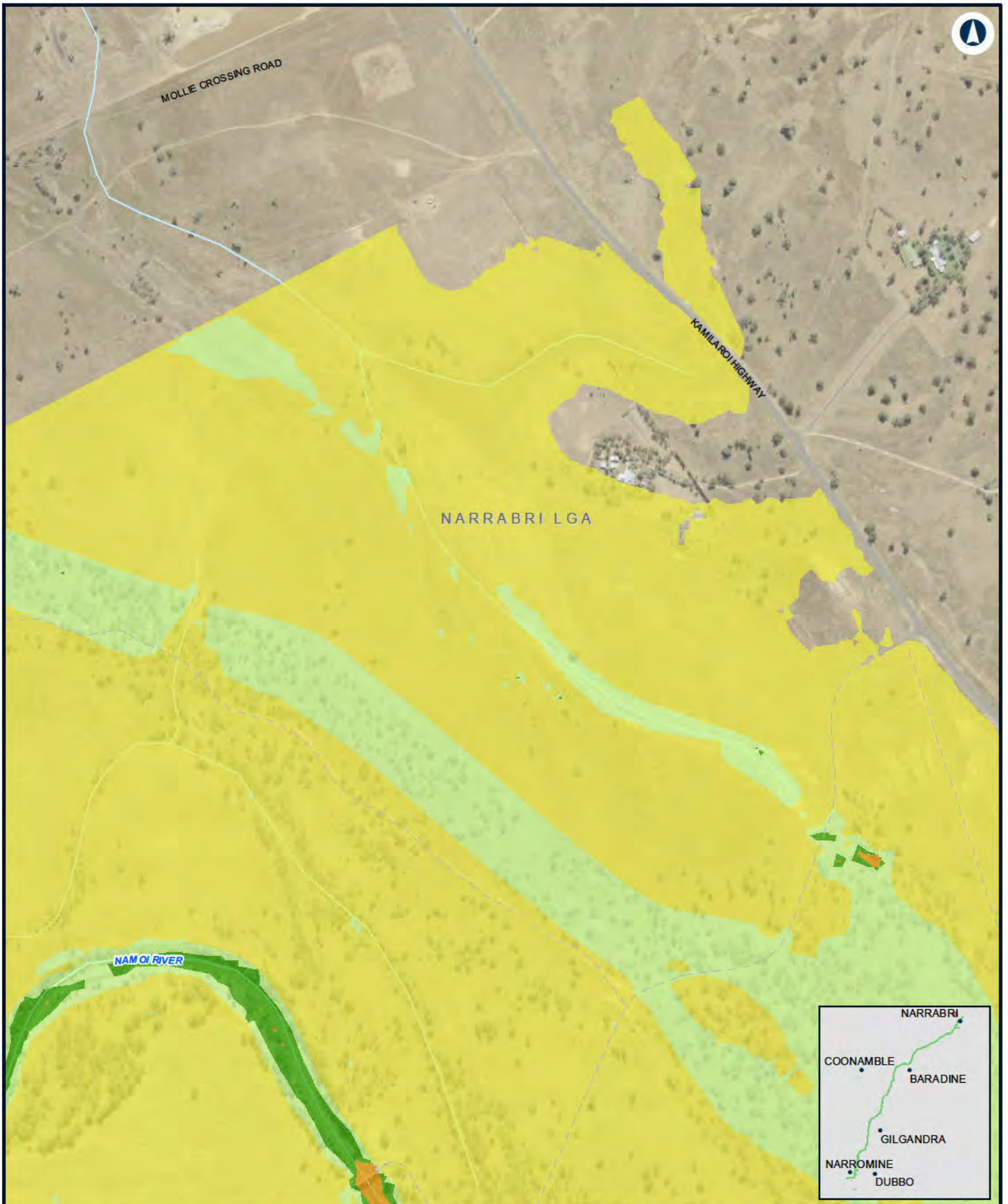
LEGEND

Flood depth

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.1

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

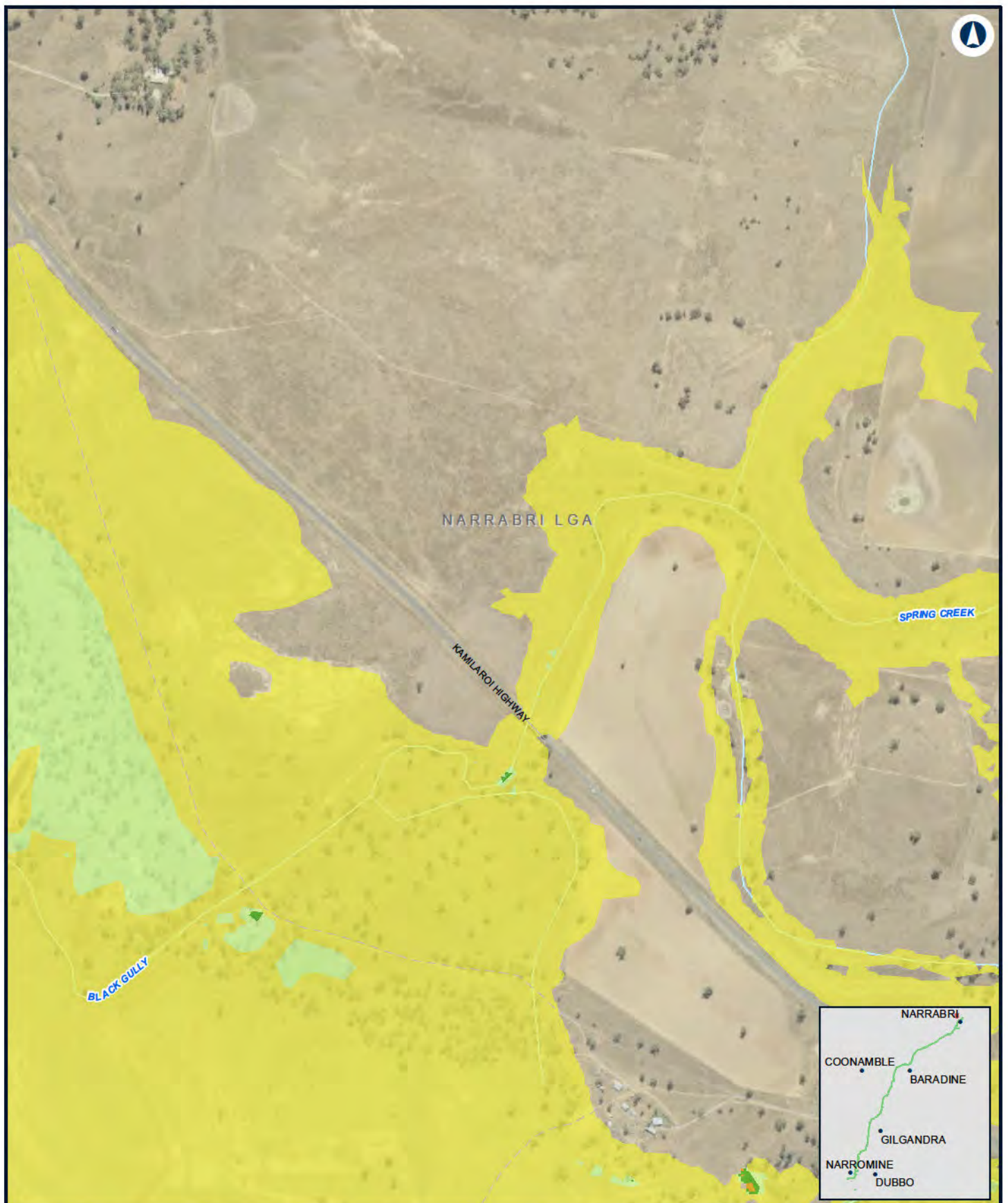
LEGEND

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 Regional

Appendix A - Figure 1.30.2

0 0.1 0.2
Km

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

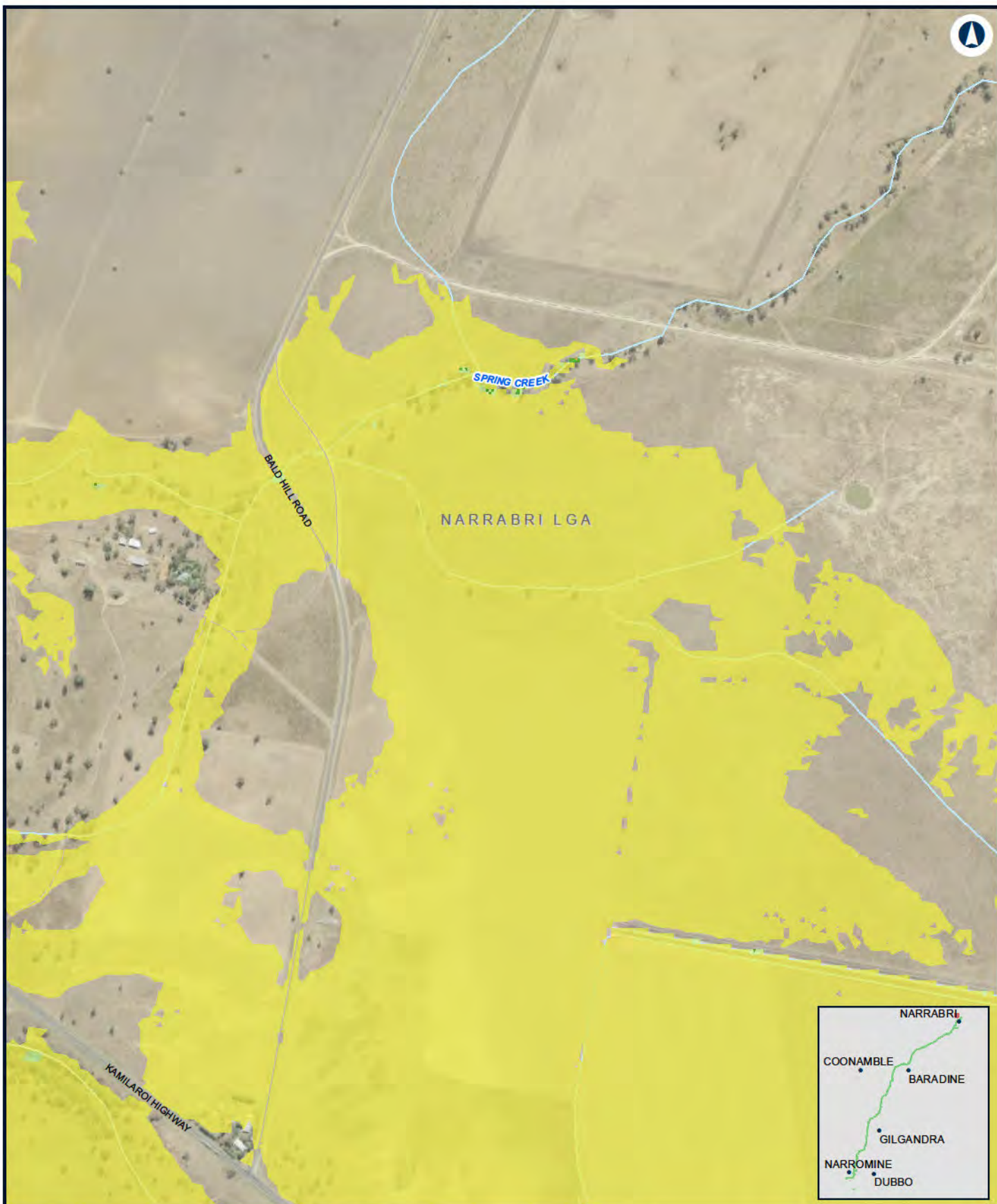
LEGEND

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 Regional

Appendix A - Figure 1.30.3

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

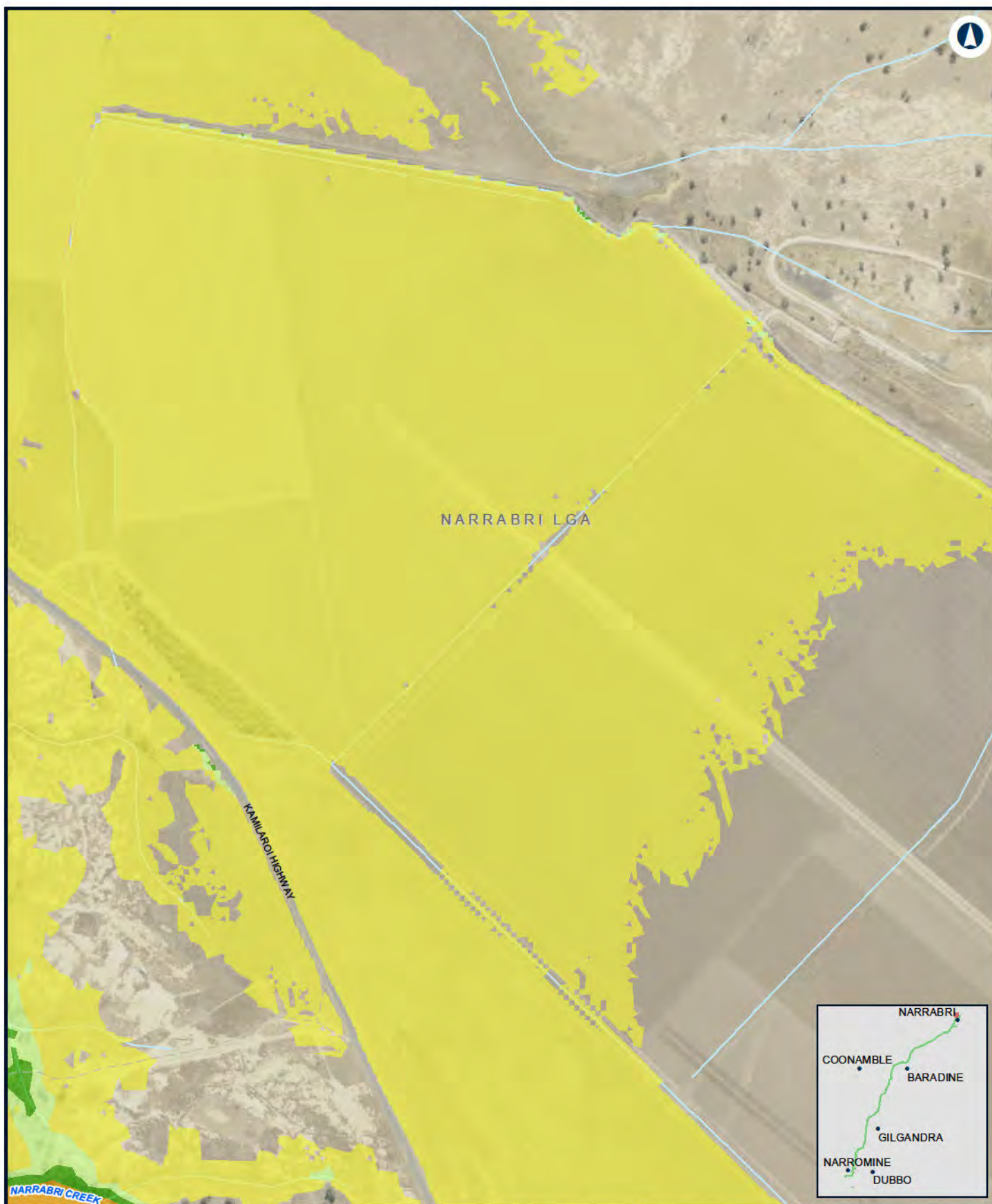
LEGEND

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 Regional

Appendix A - Figure 1.30.4

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

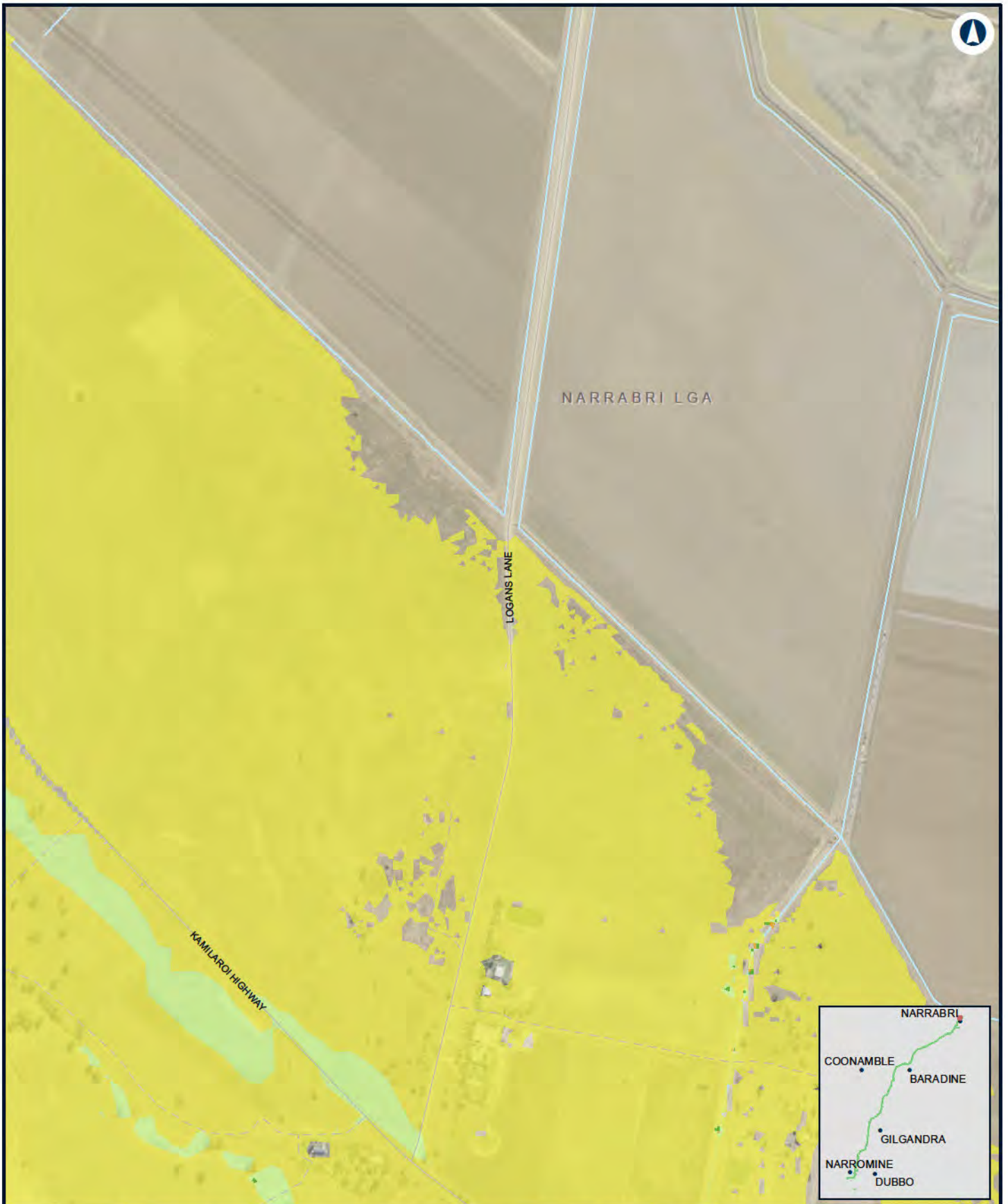
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.5

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

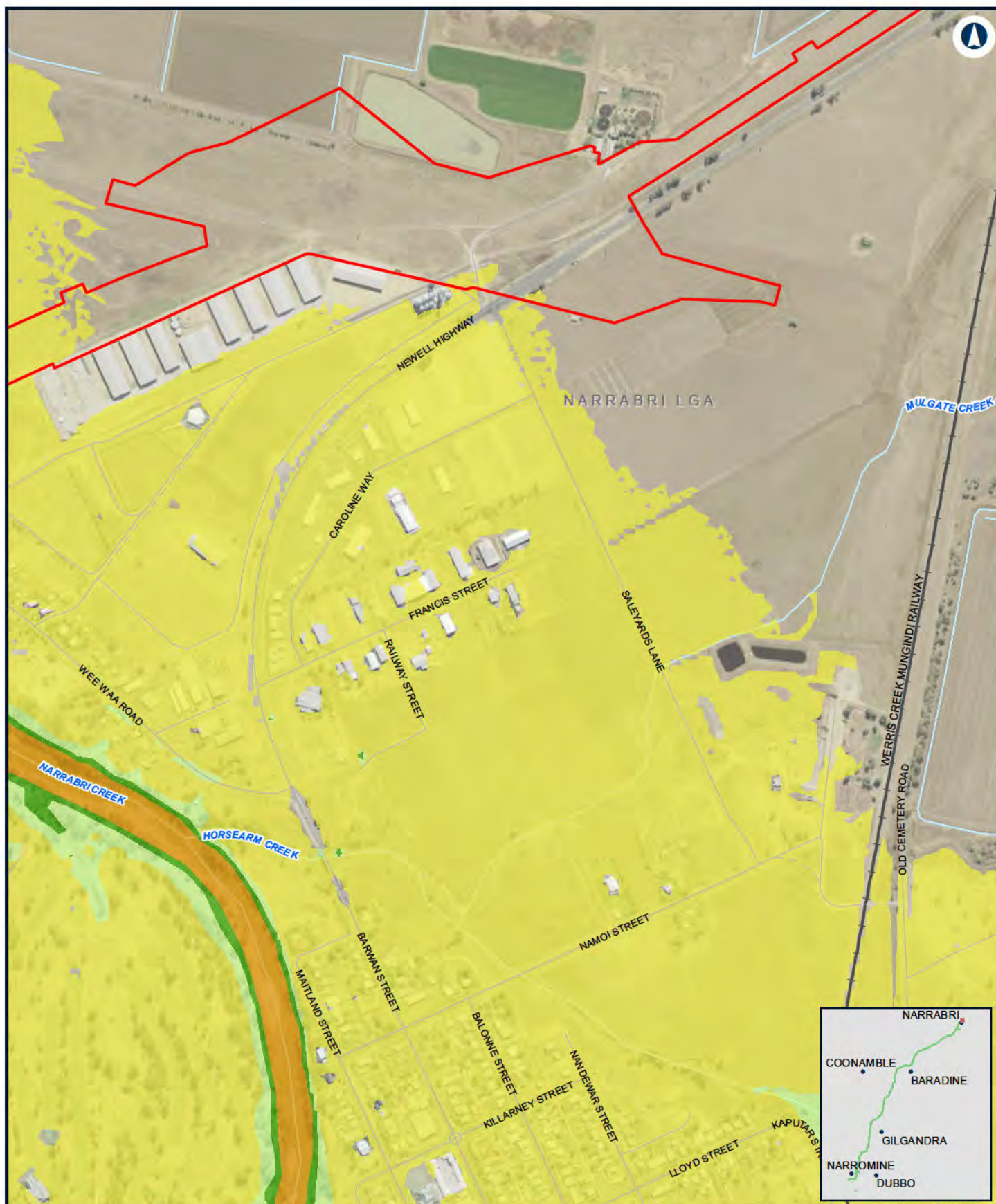
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.6

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

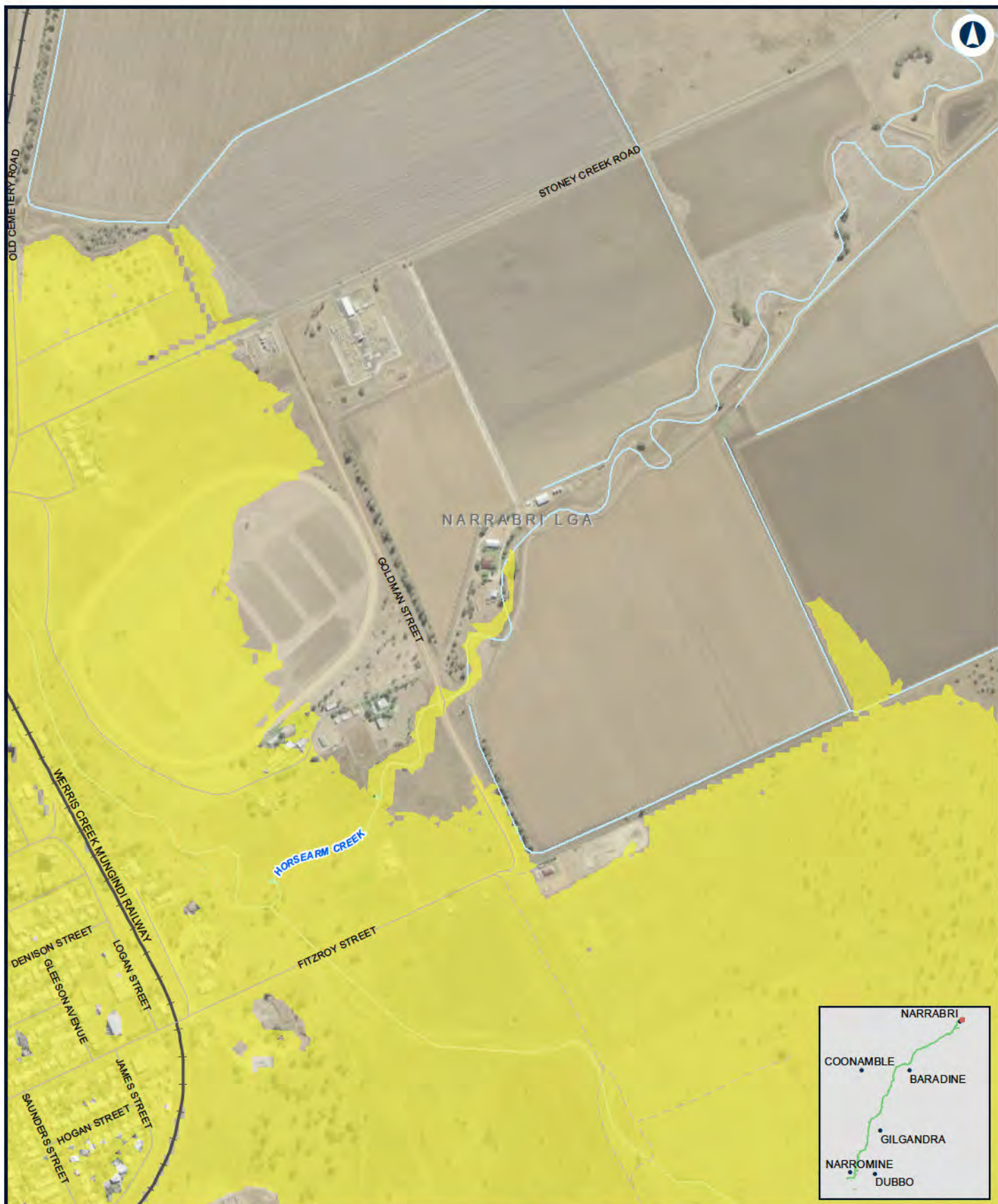
 The proposal site

Flood velocity

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

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NARRABRI TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.7

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

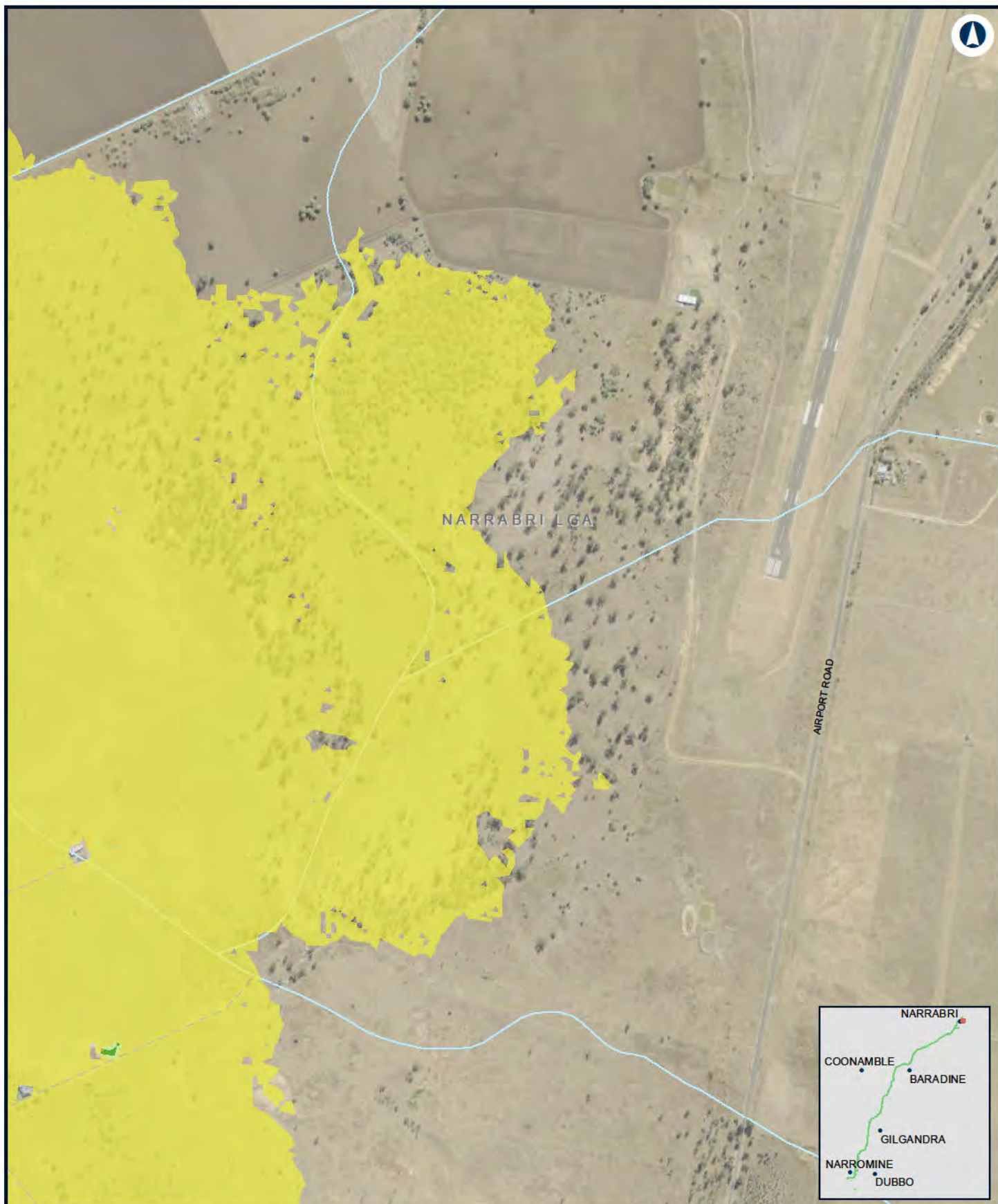
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.8

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

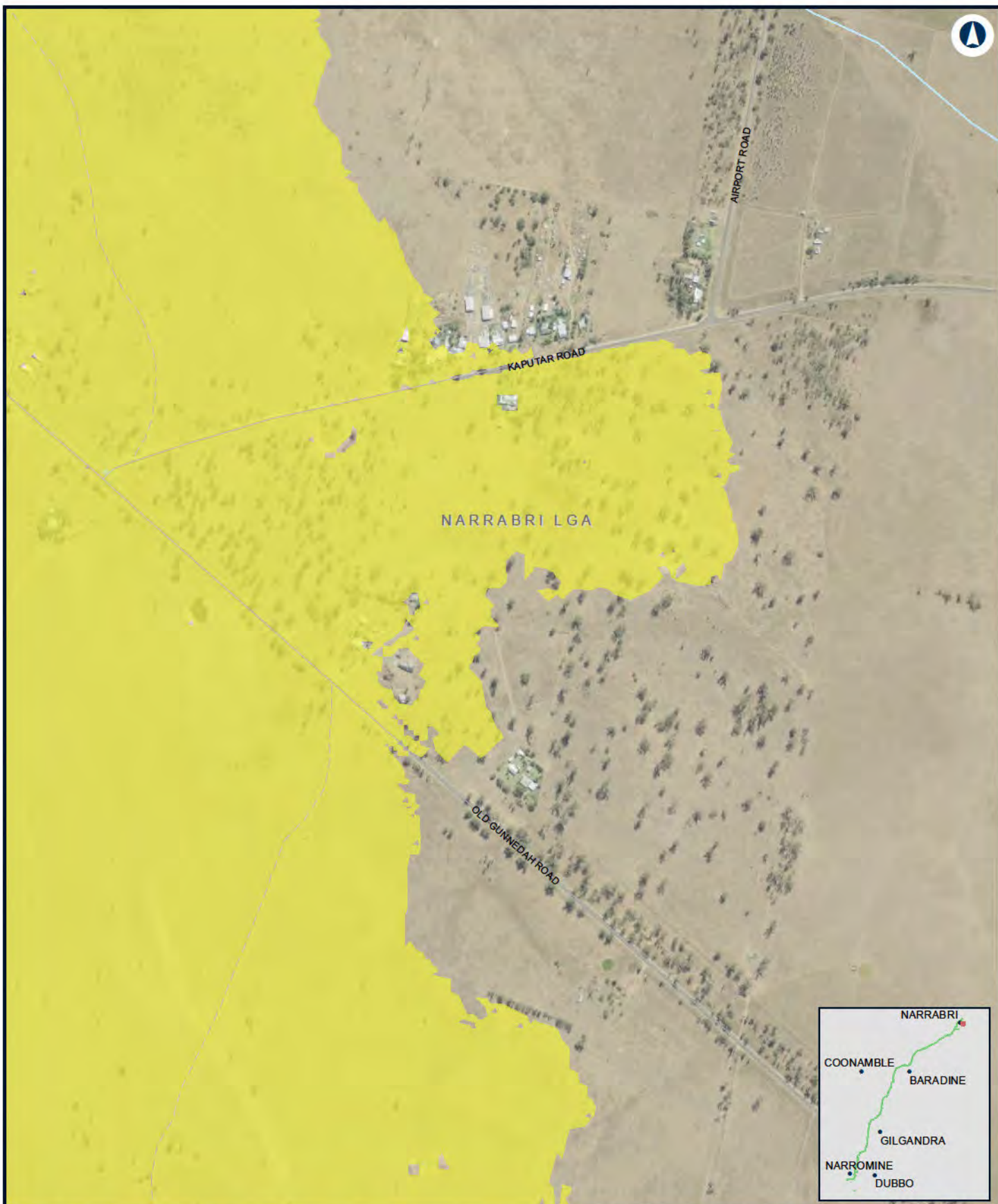
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.9

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

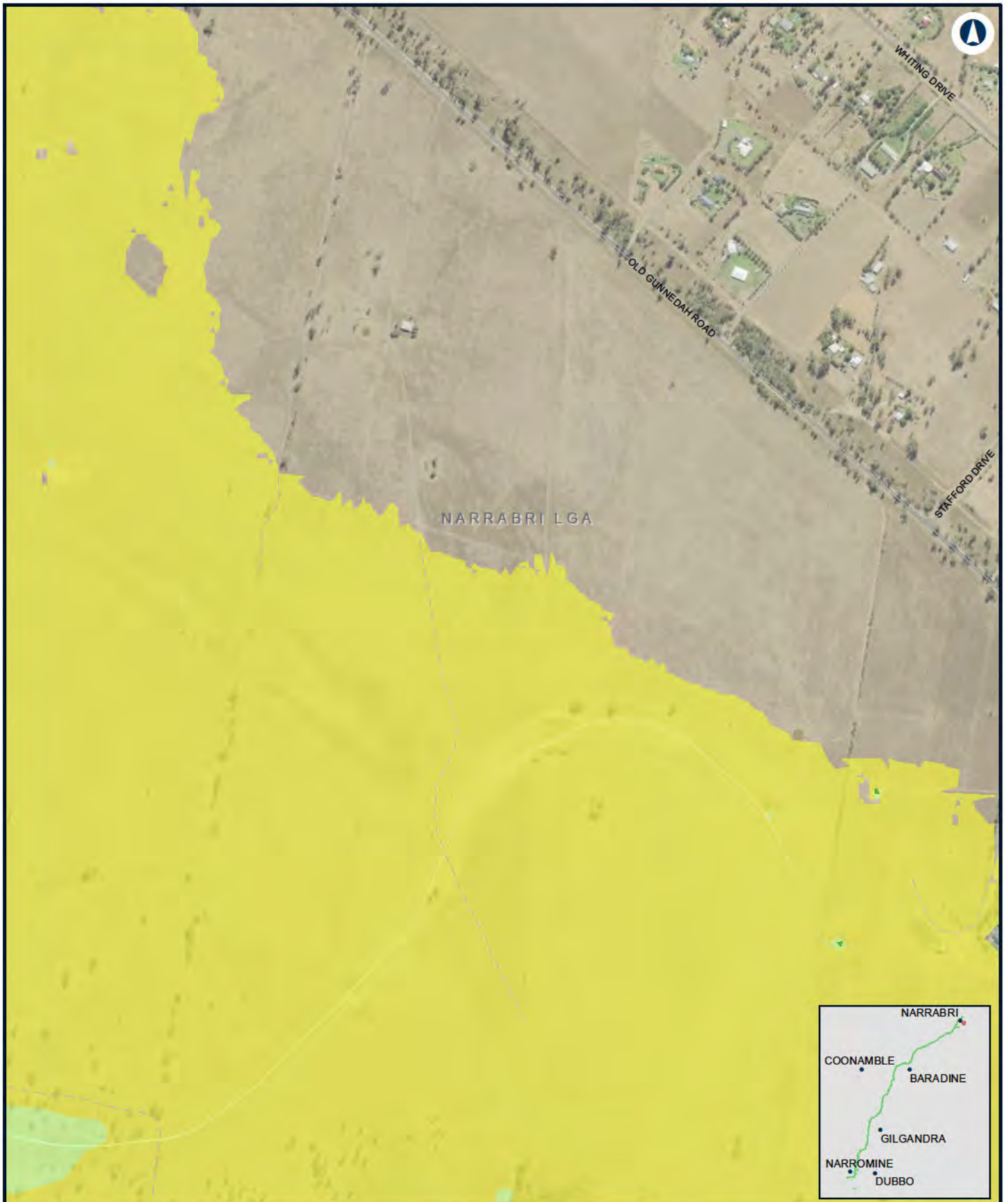
LEGEND

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 Regional

Appendix A - Figure 1.30.10

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

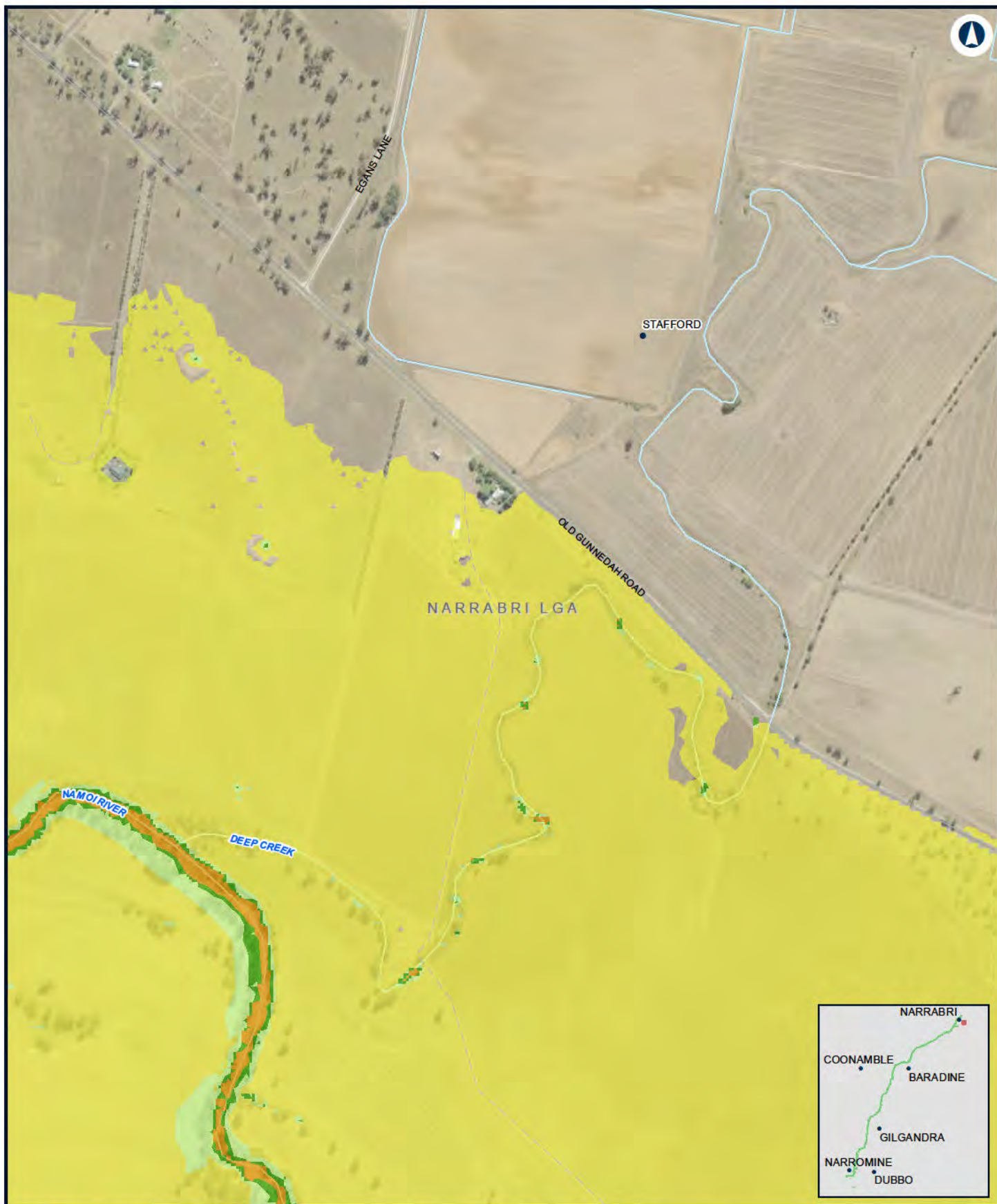
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.11

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

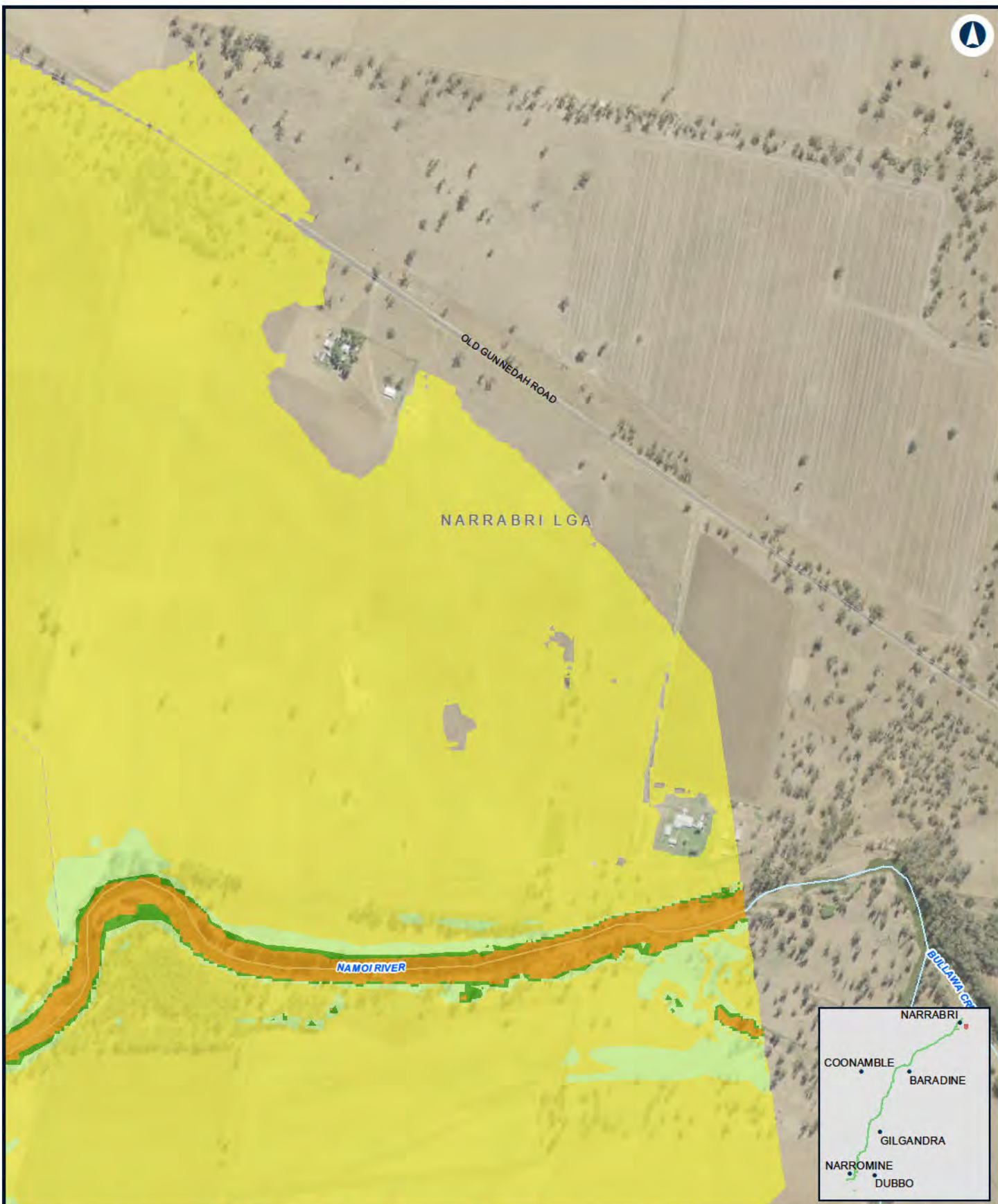
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.12

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

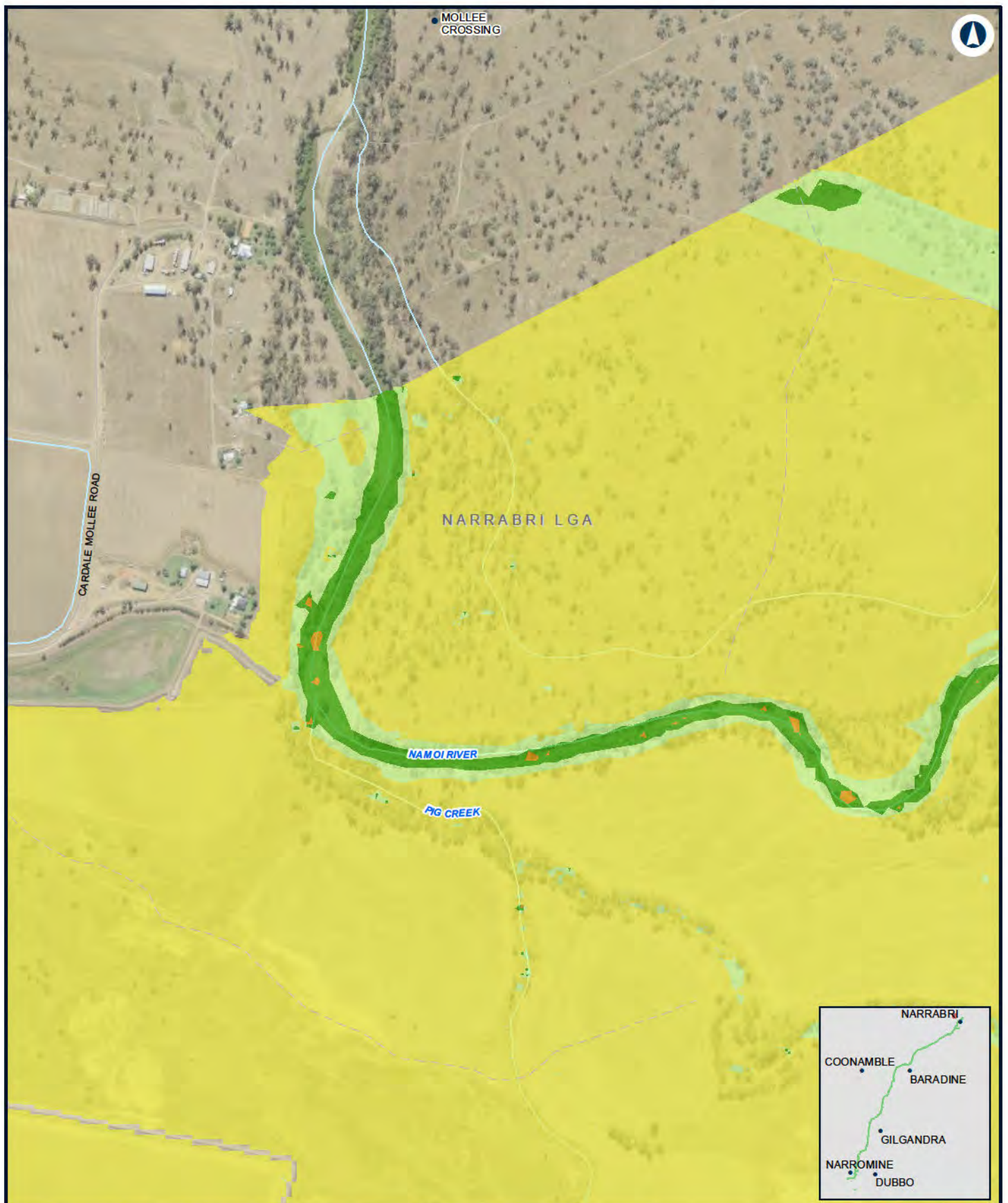
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.13

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

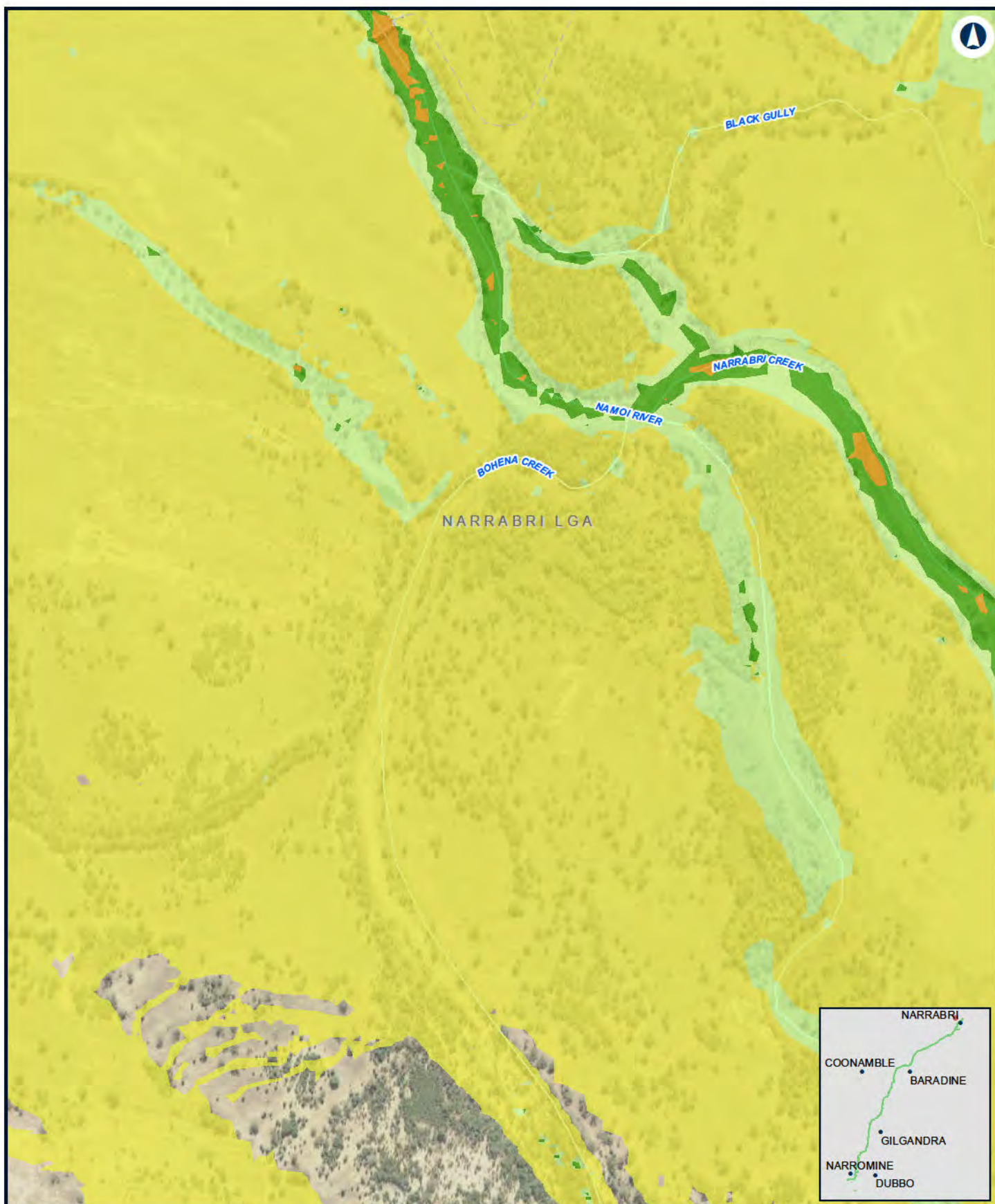
LEGEND

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 Regional

Appendix A - Figure 1.30.14

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

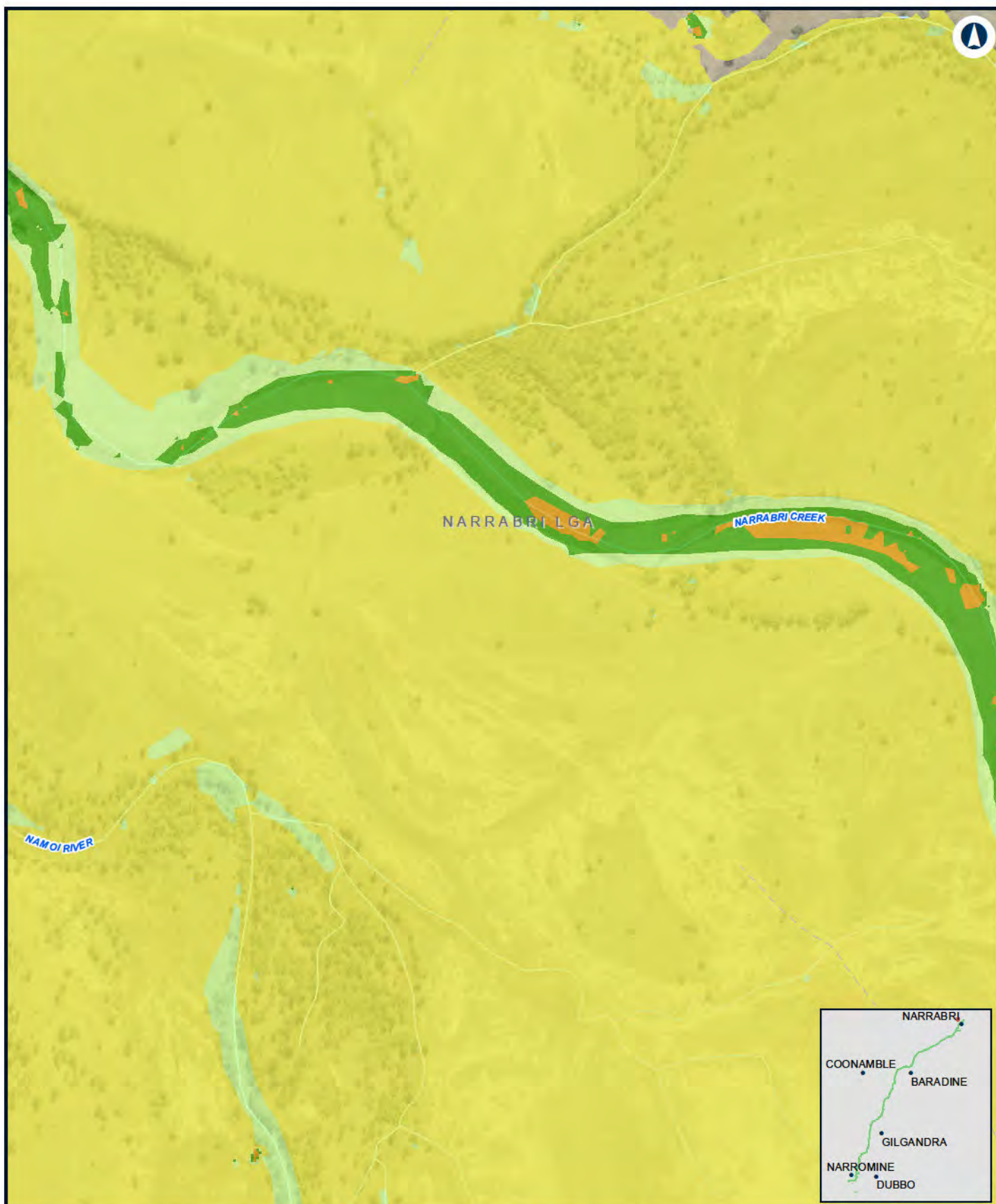
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.15

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

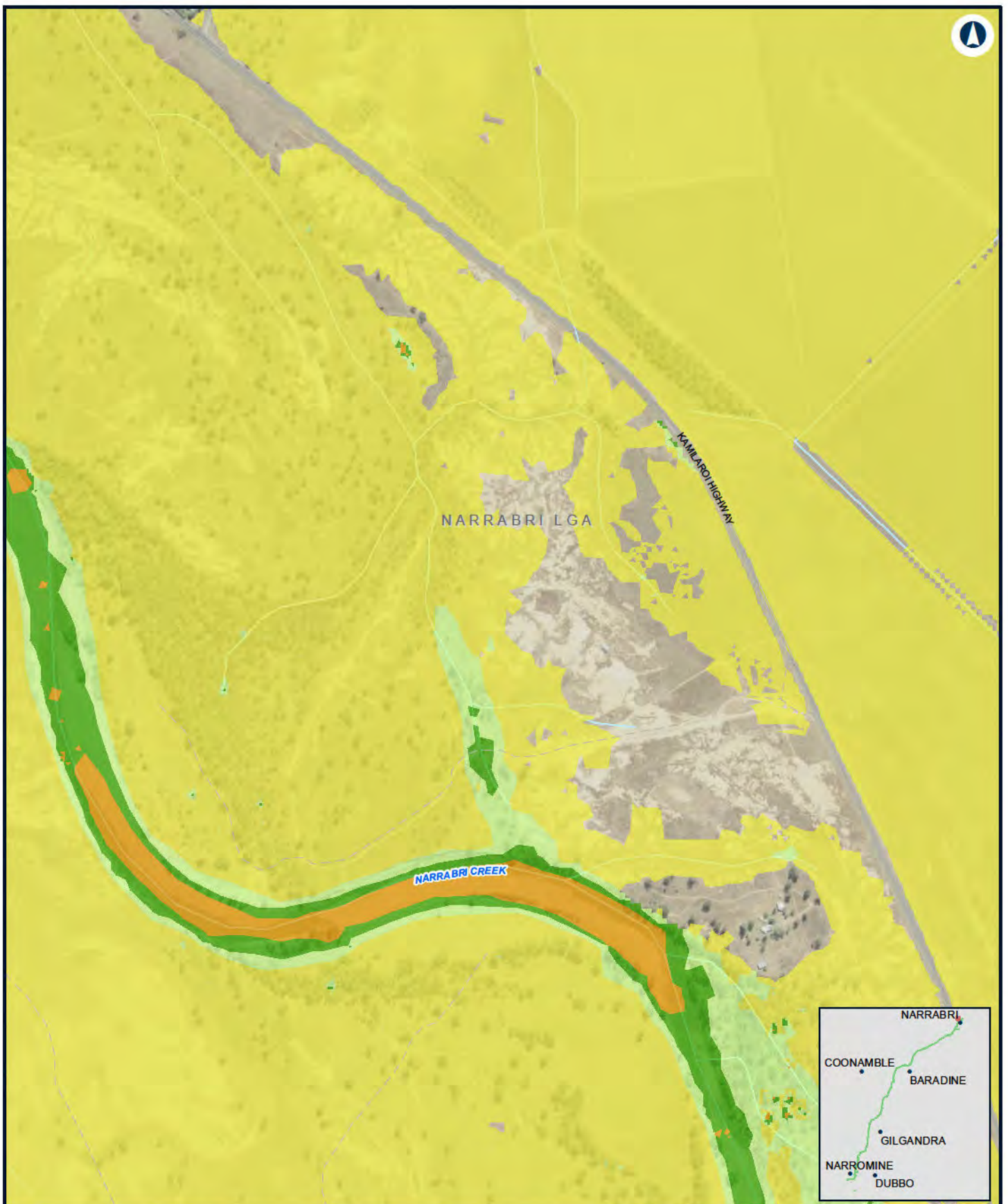
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.16

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Scale: 1:10,000

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

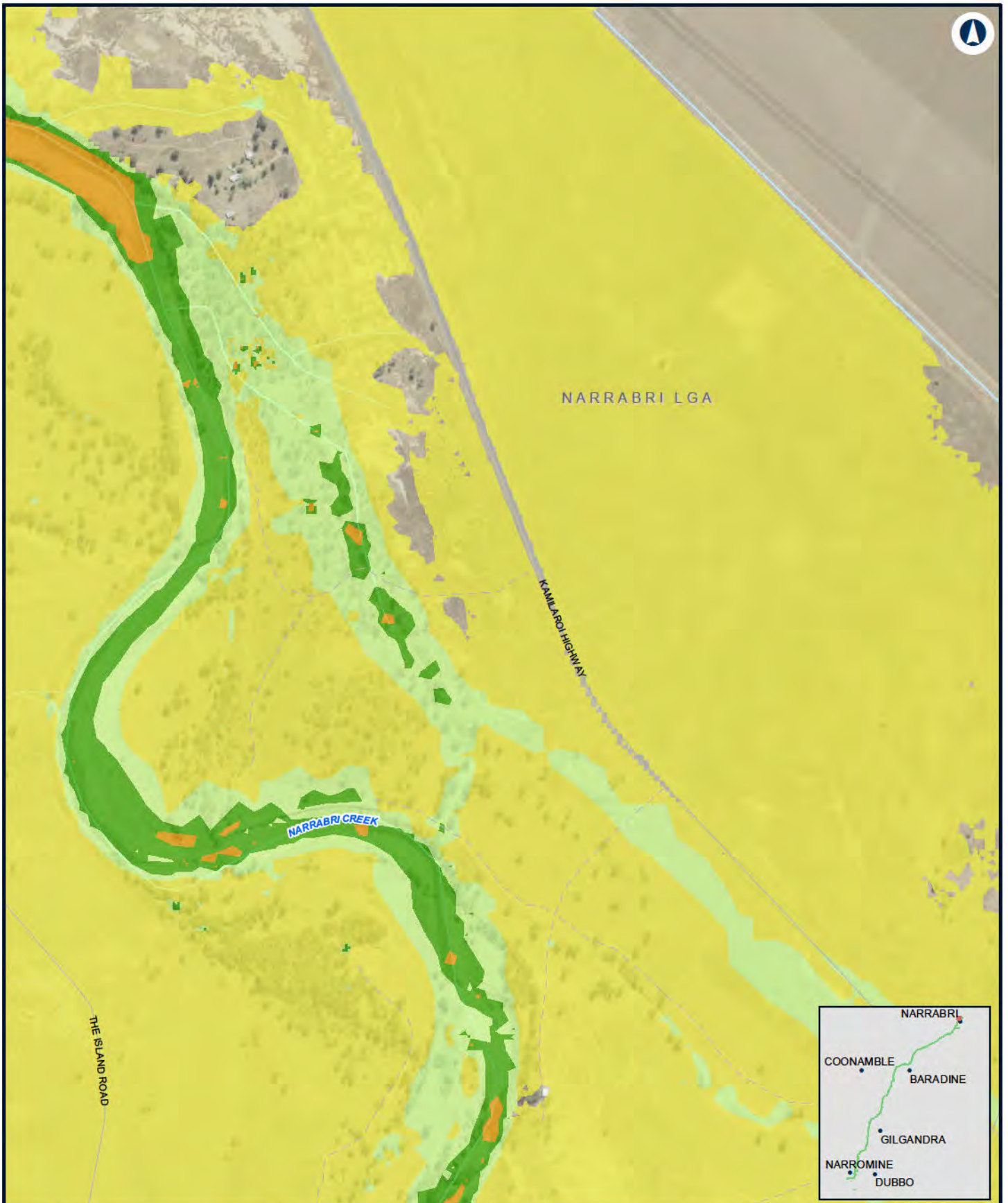
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.17

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

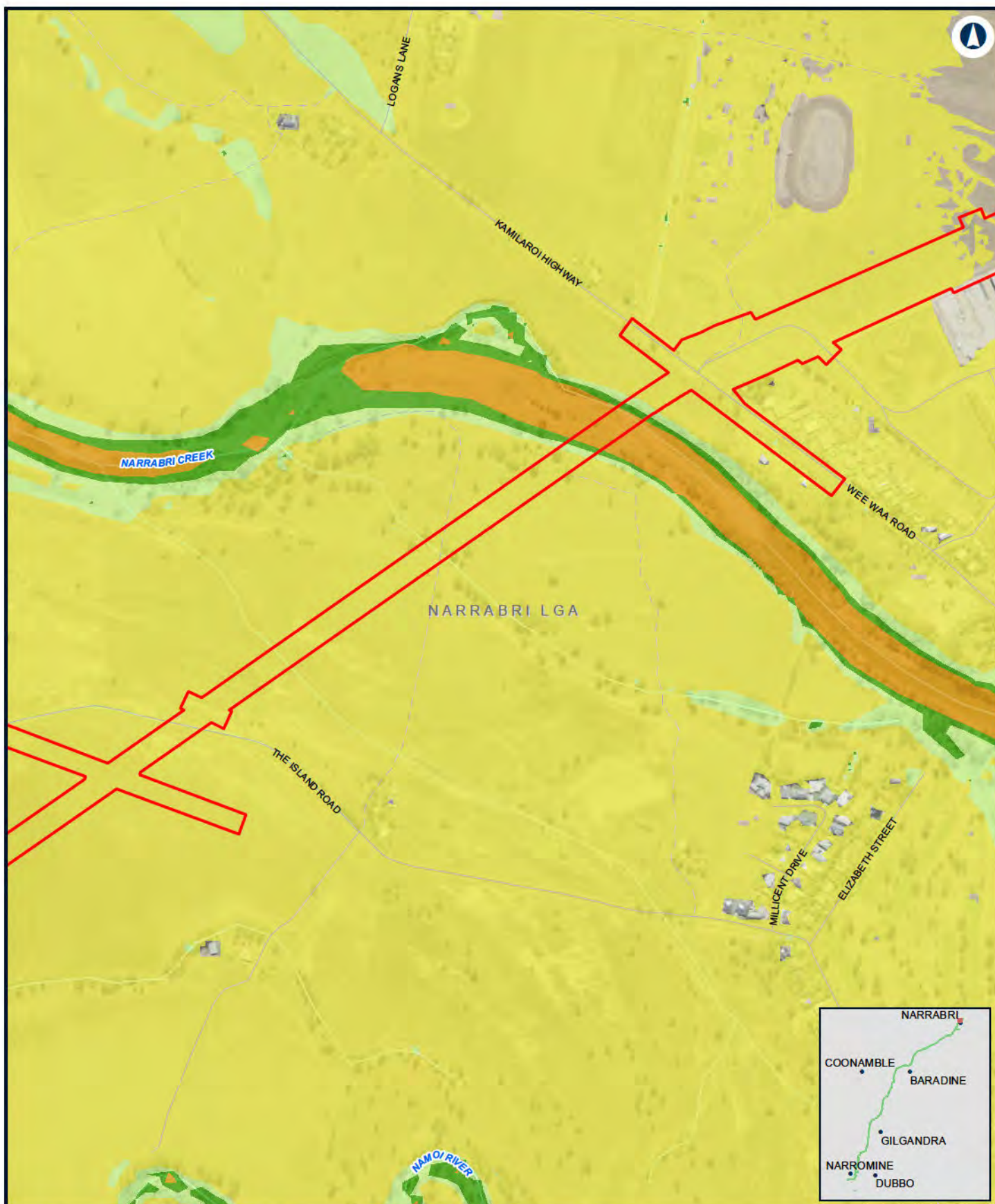
LEGEND

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 Regional

Appendix A - Figure 1.30.18

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

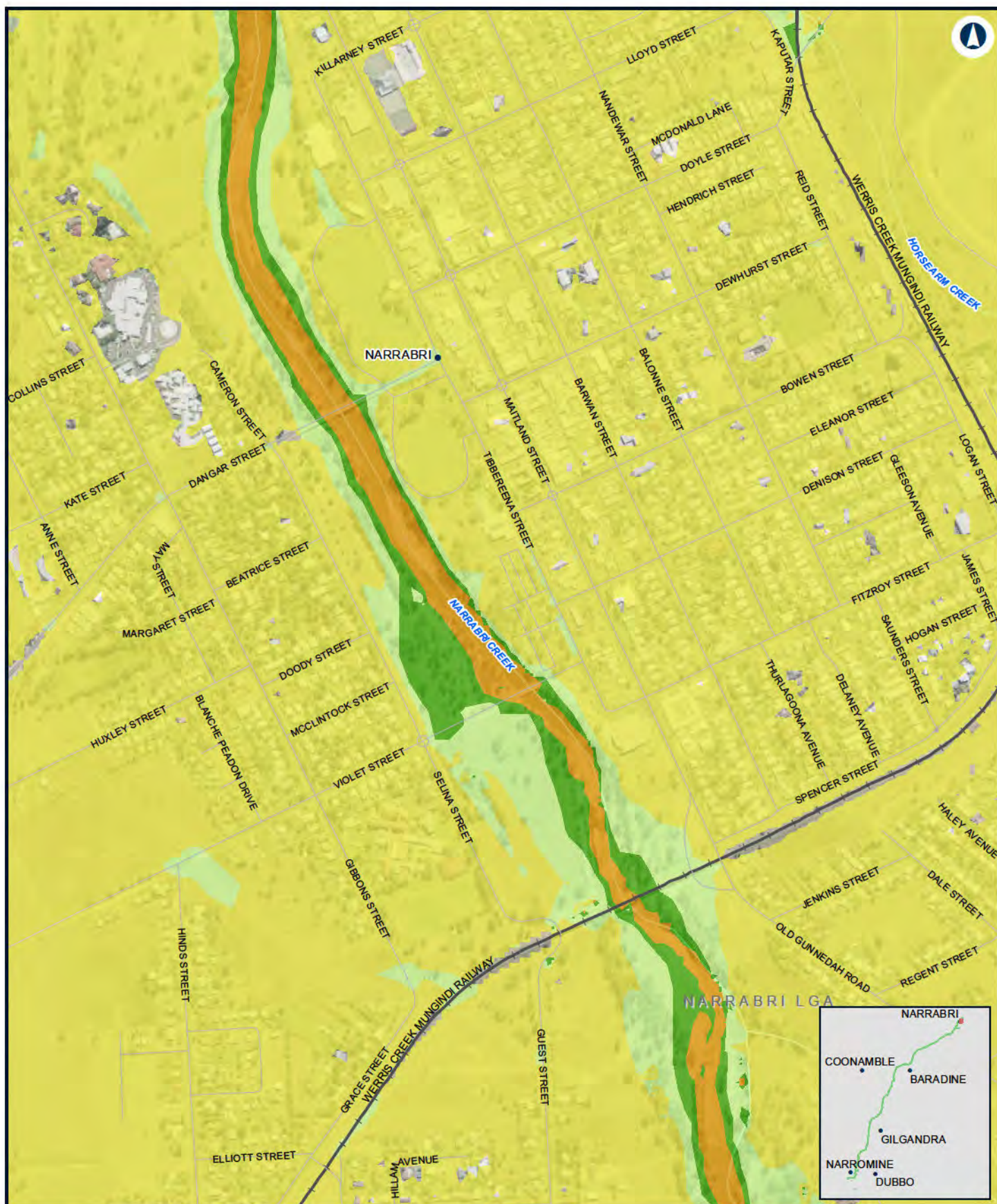
The proposal site

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.19

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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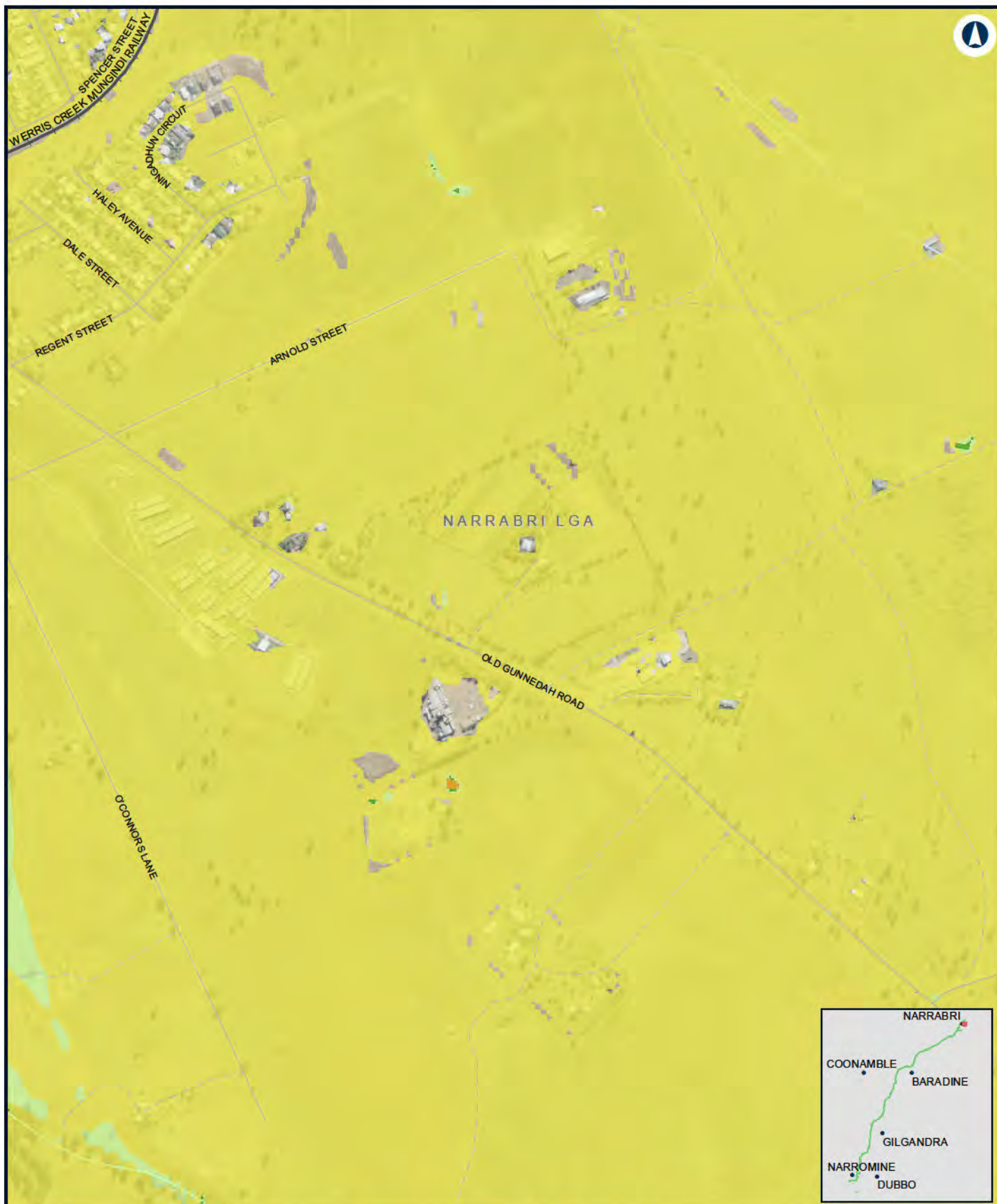
LEGEND

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**

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 Regional

Appendix A - Figure 1.30.20

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

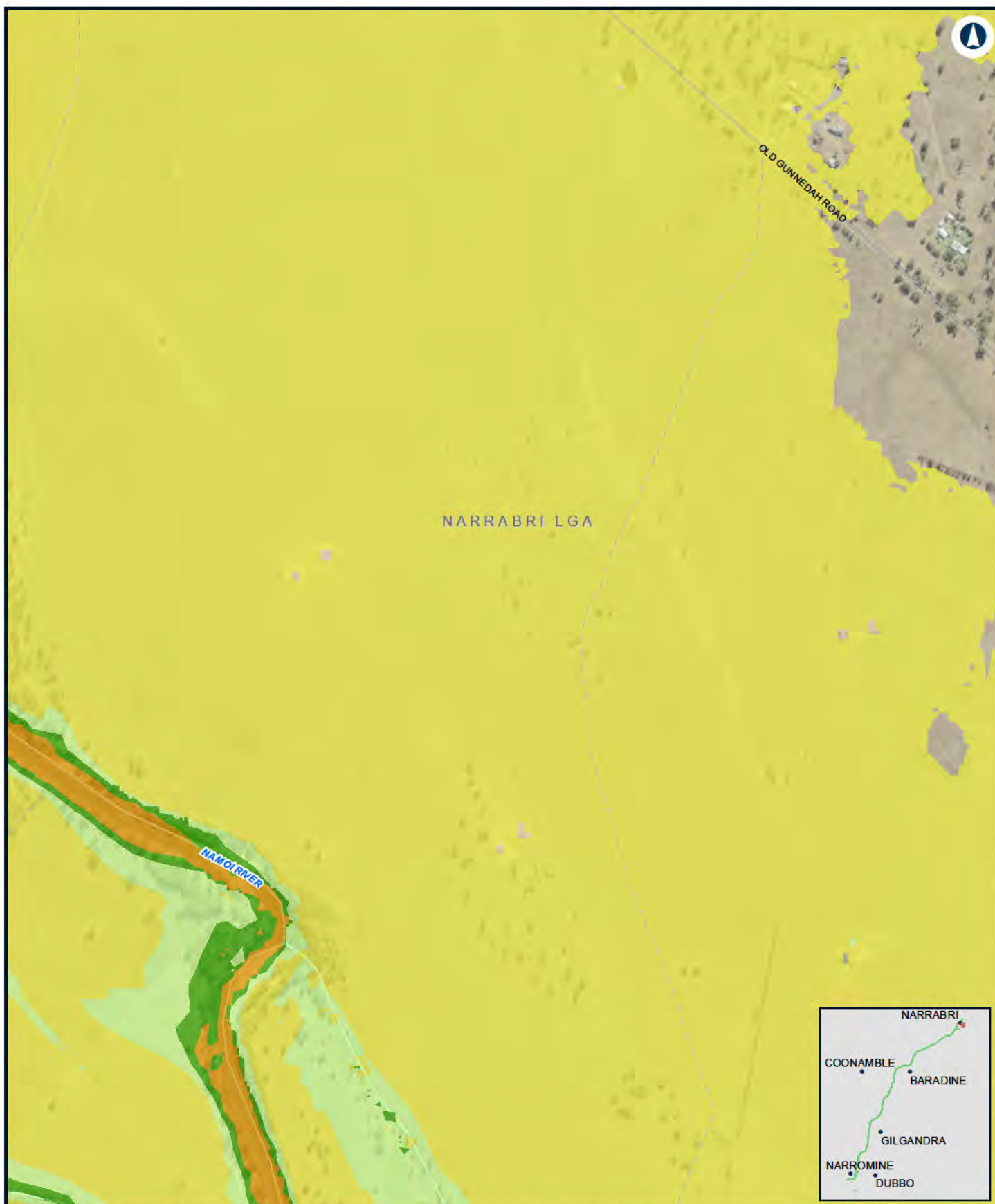
LEGEND

Flood velocity

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.21

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

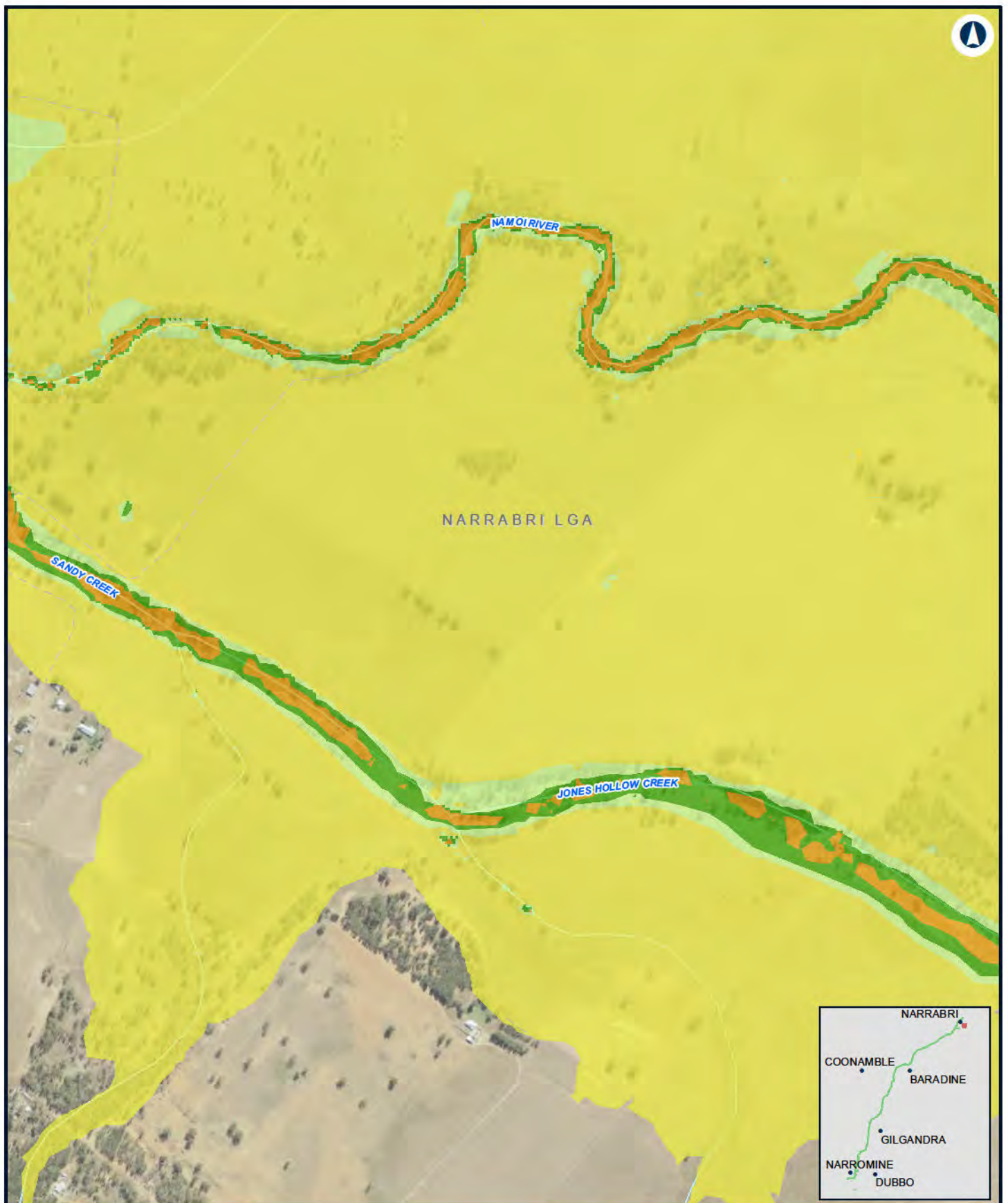
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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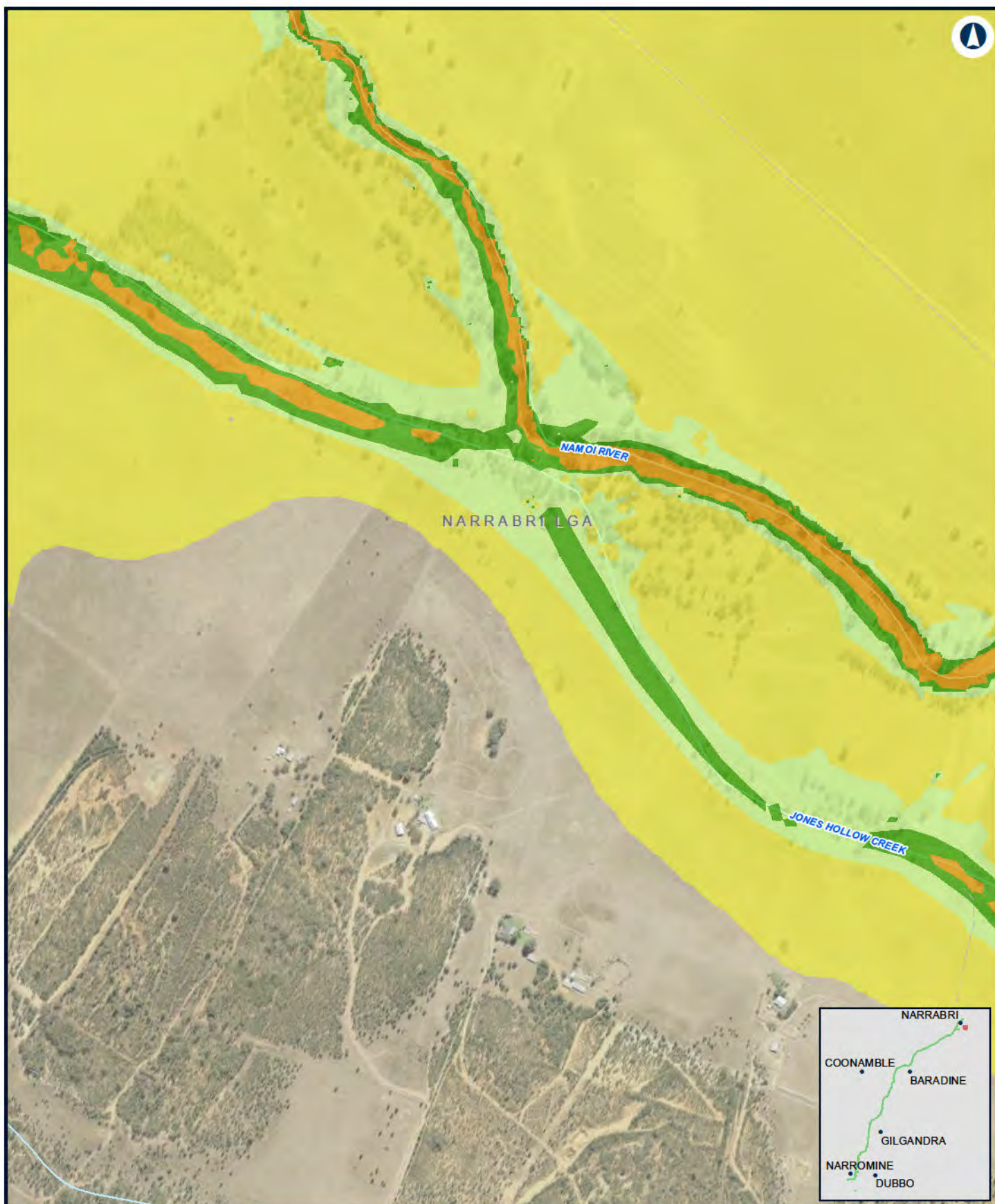
LEGEND

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 Regional

Appendix A - Figure 1.30.23

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

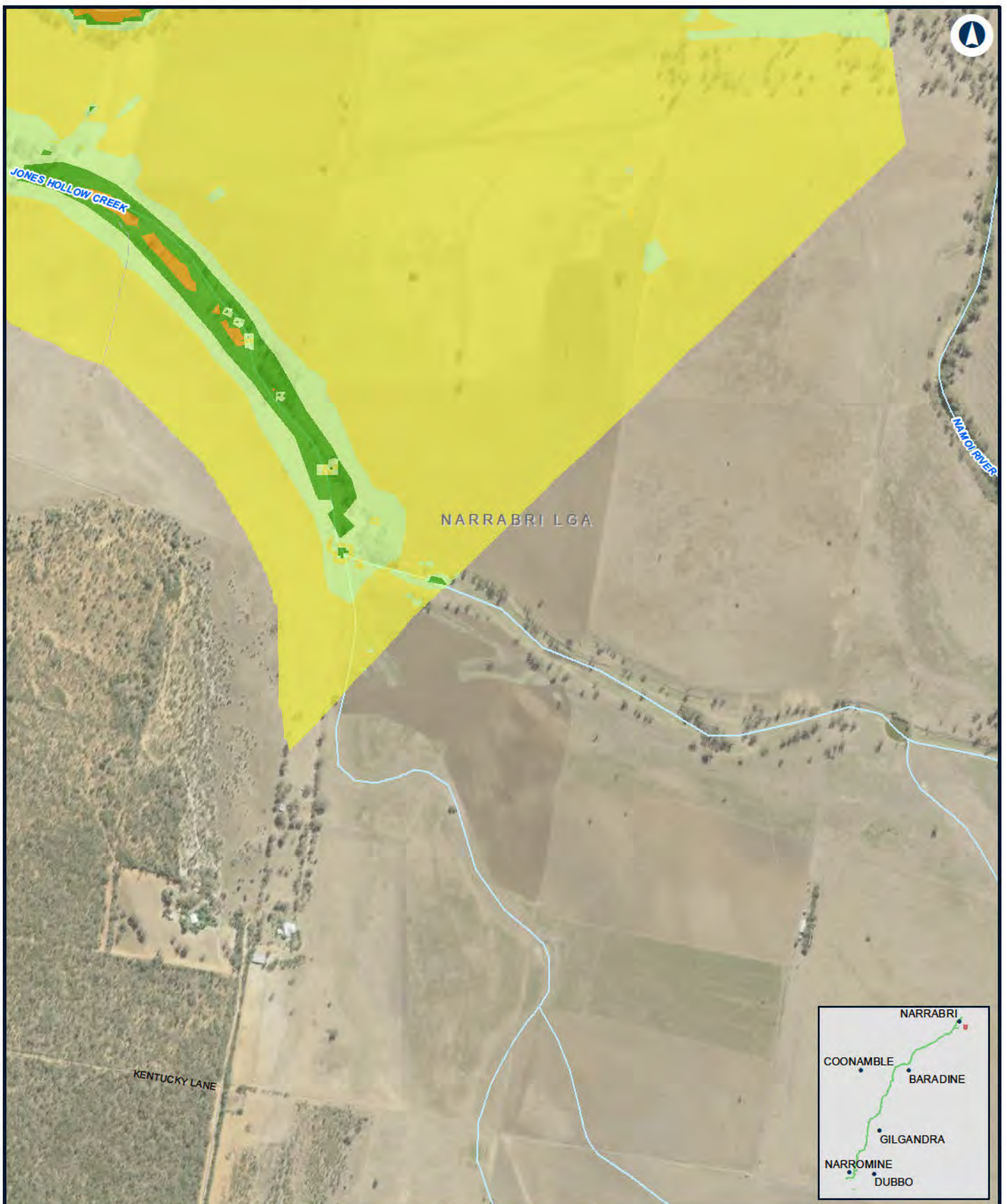
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.24

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

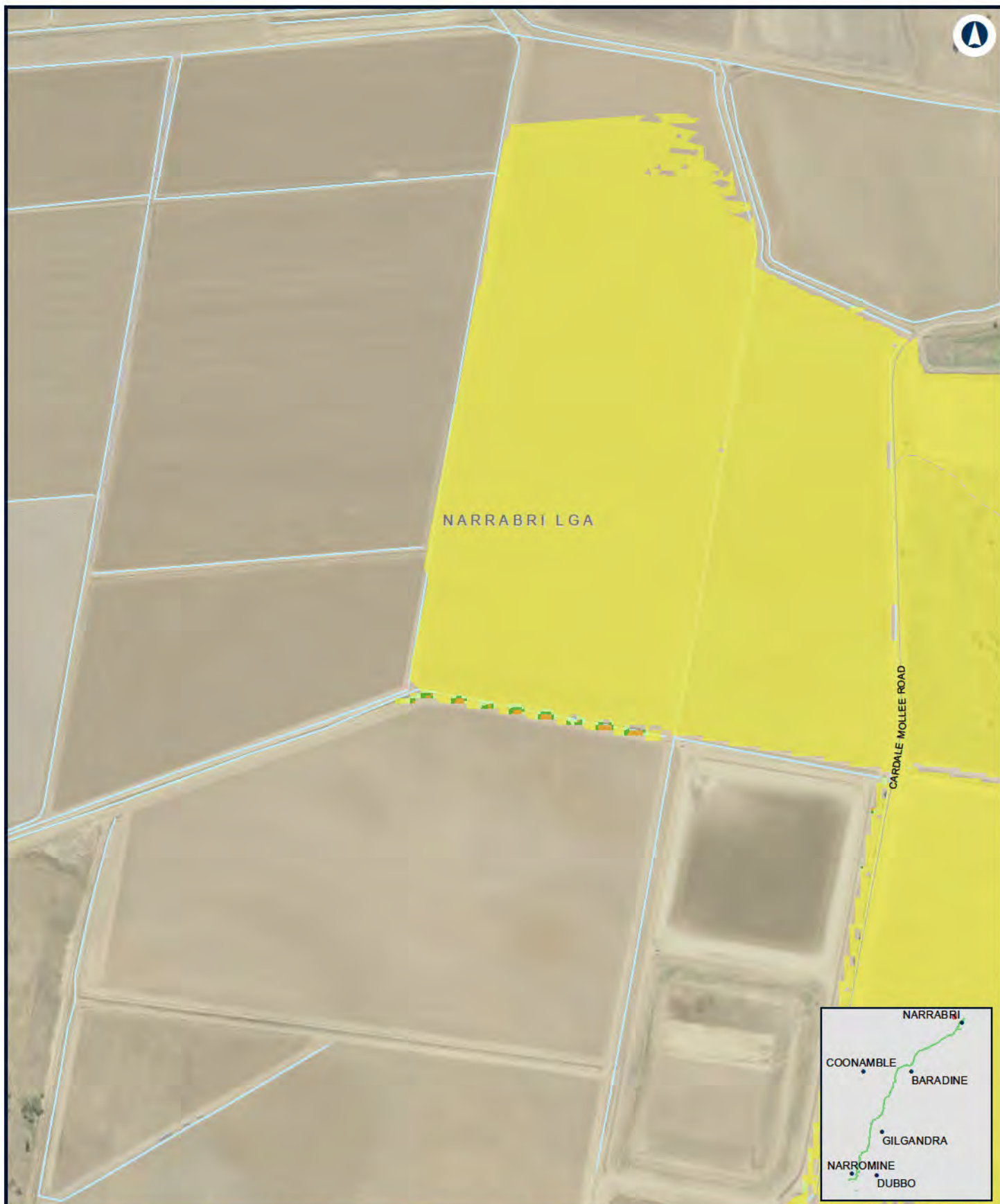
LEGEND

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 Regional

Appendix A - Figure 1.30.25

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Scale: 1:10,000

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

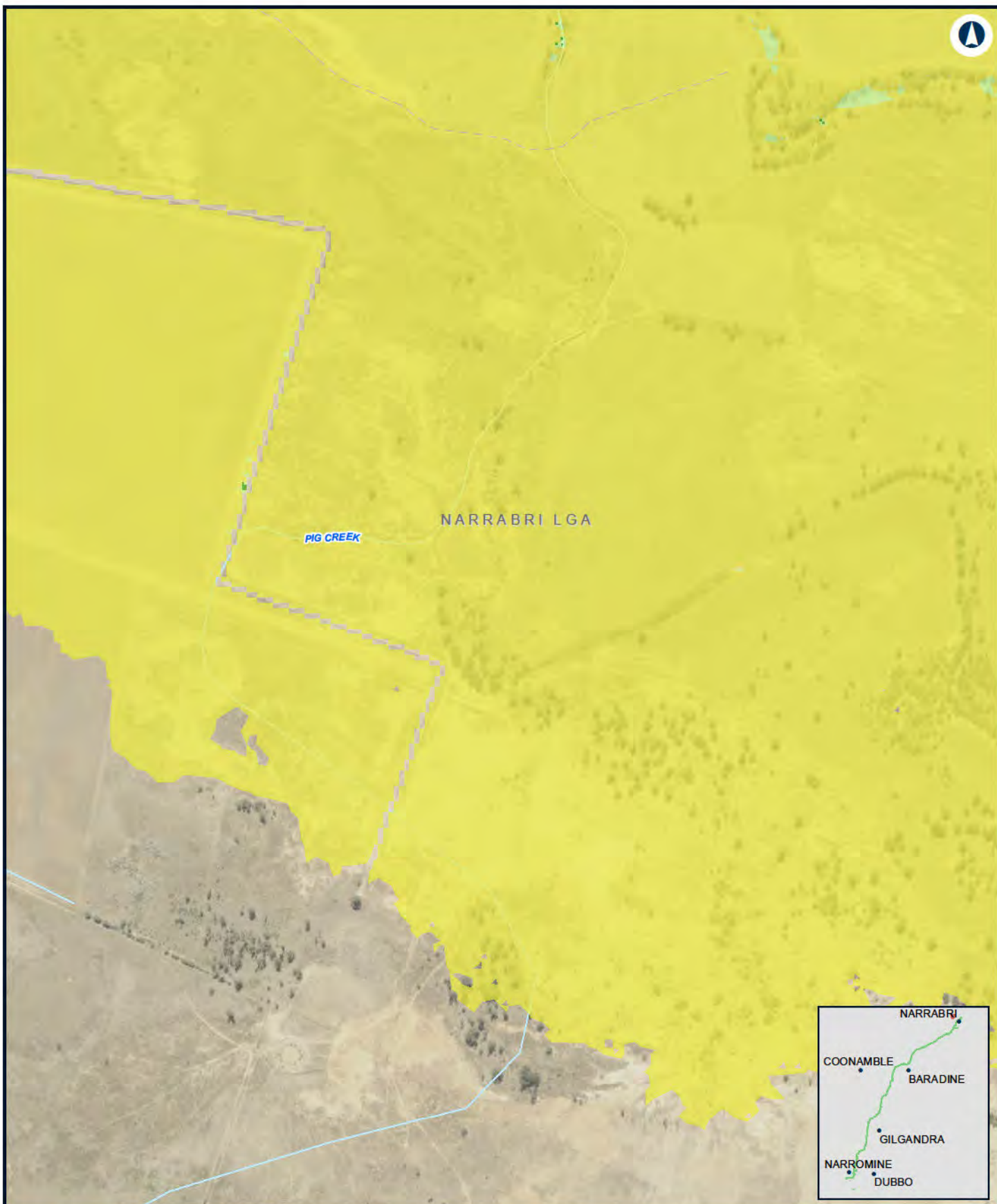
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.26

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

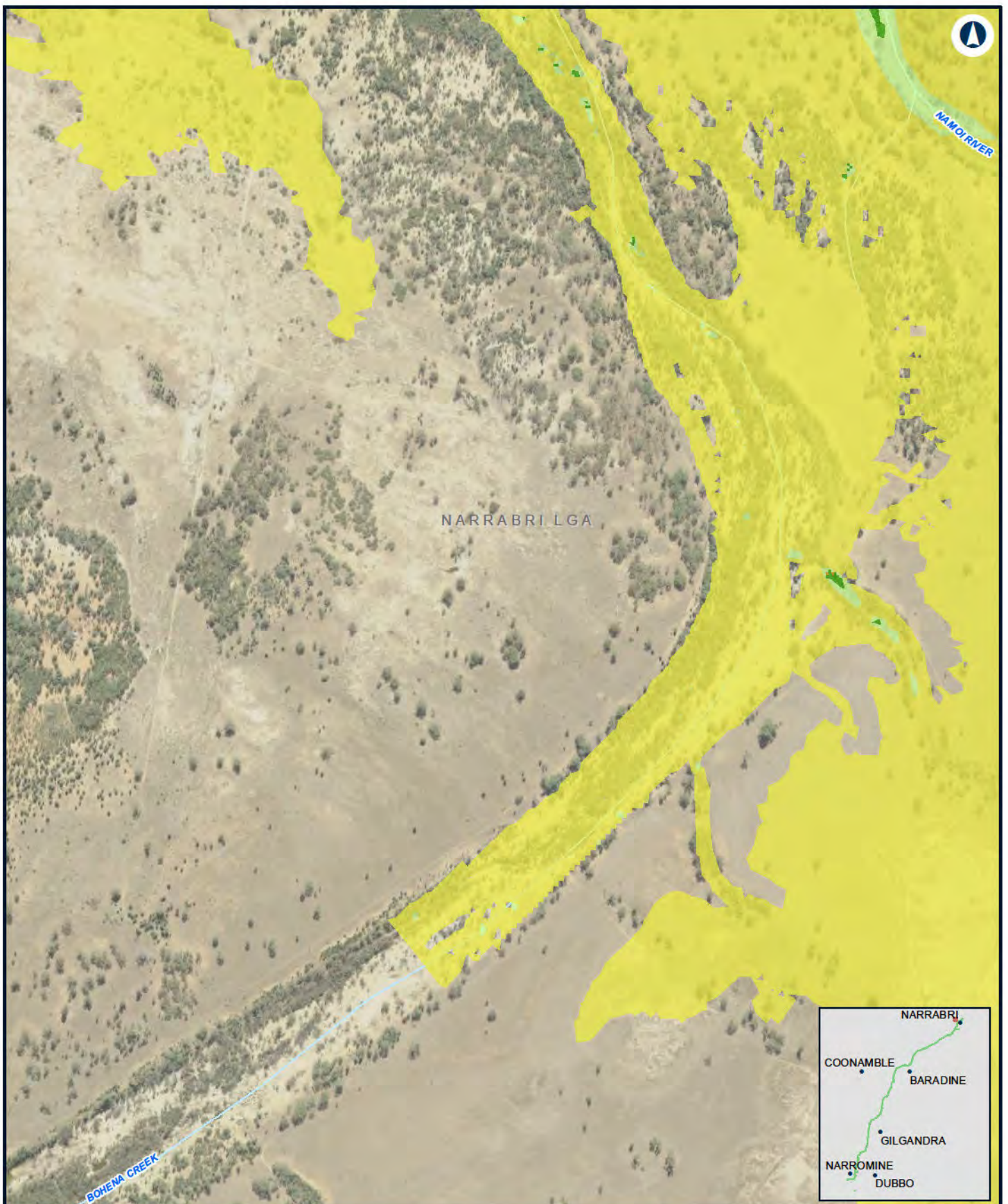
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.27

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

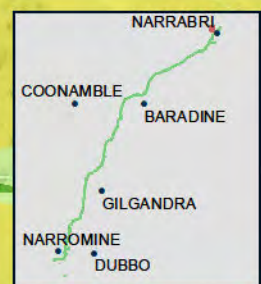
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NARRABRI LGA

NAMOI RIVER



NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.28

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Scale: 1:10,000

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

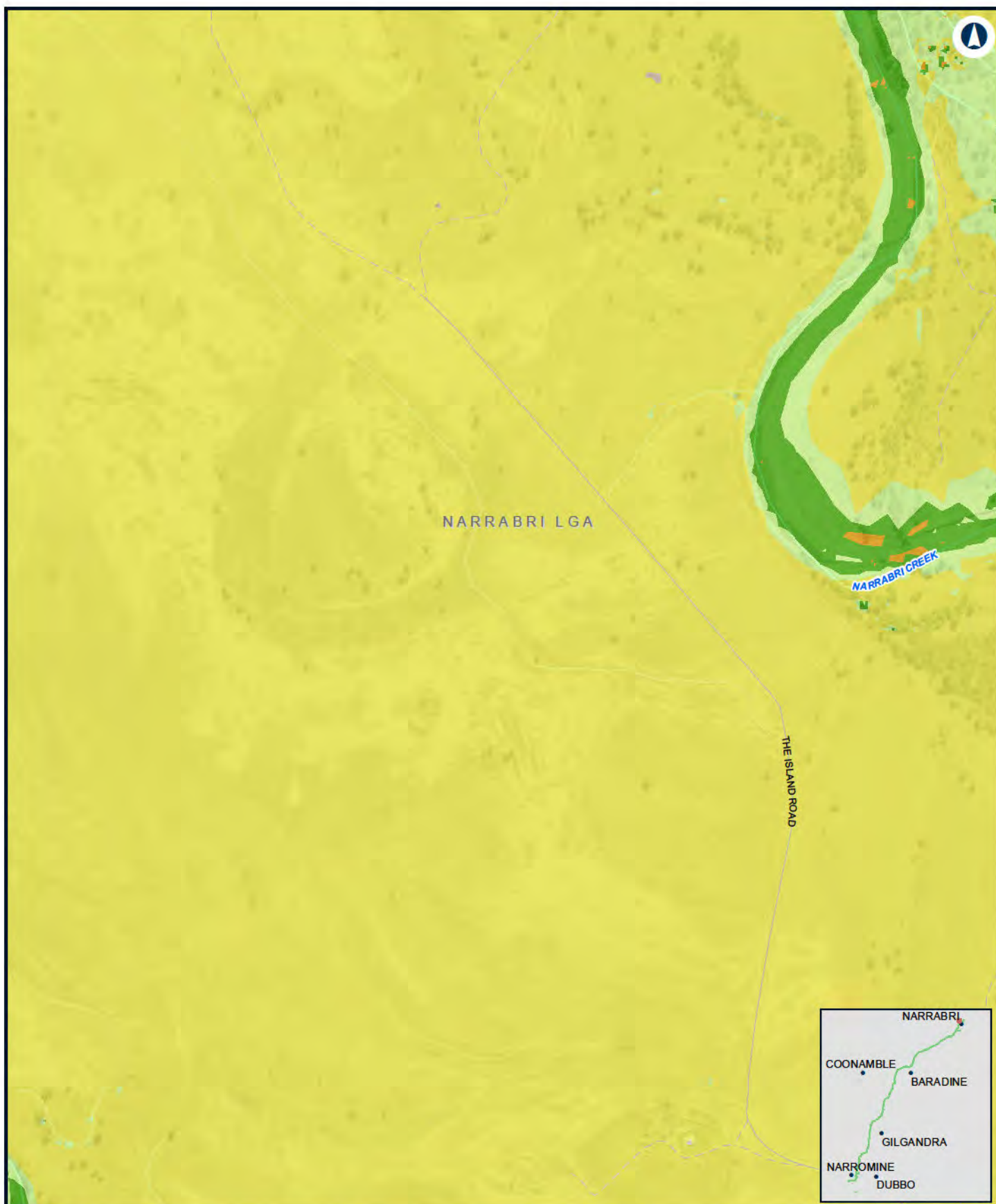
LEGEND

Flood velocity

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

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RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.29

0 0.1 0.2
Km

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

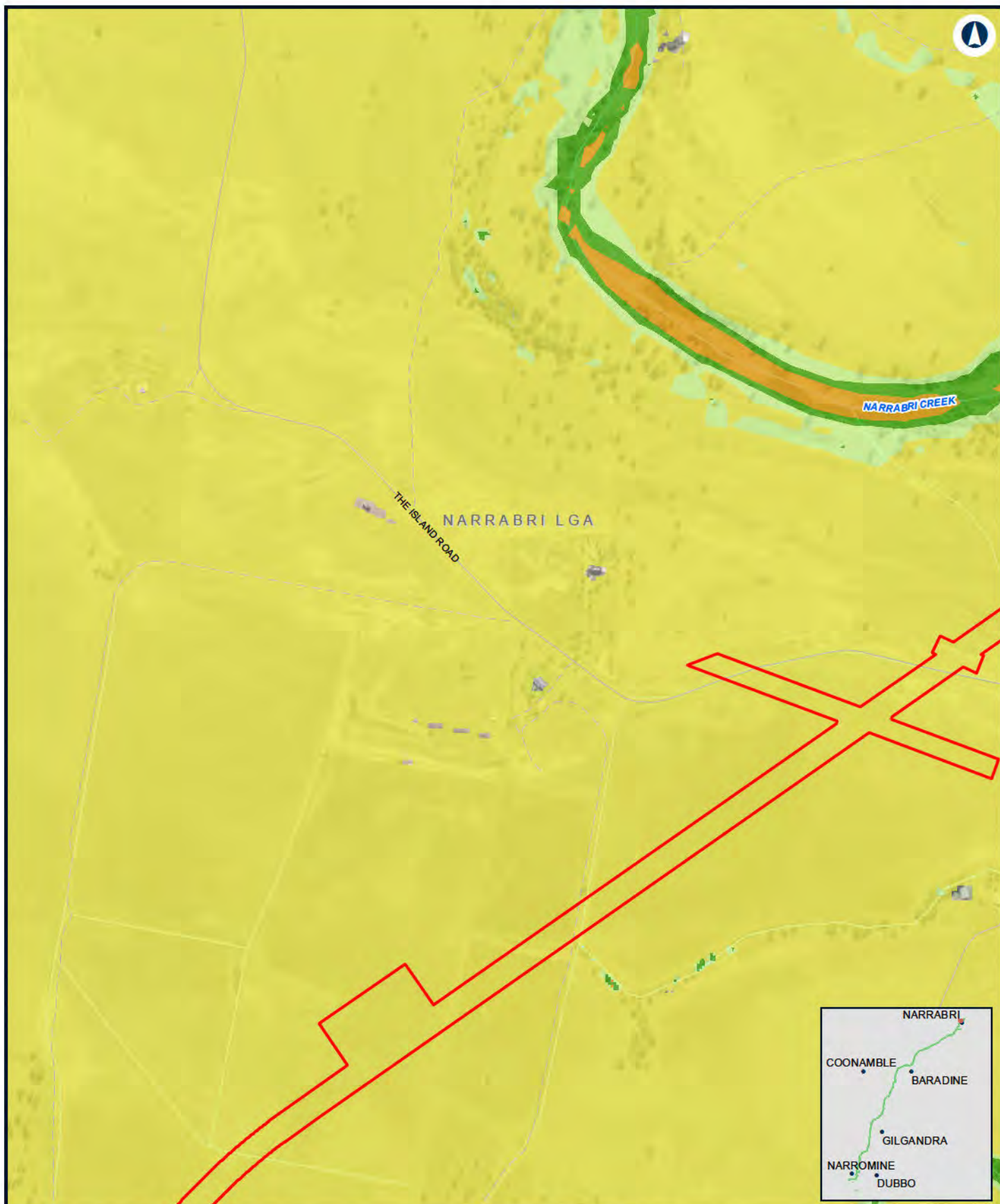
LEGEND

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 Regional

Appendix A - Figure 1.30.30

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

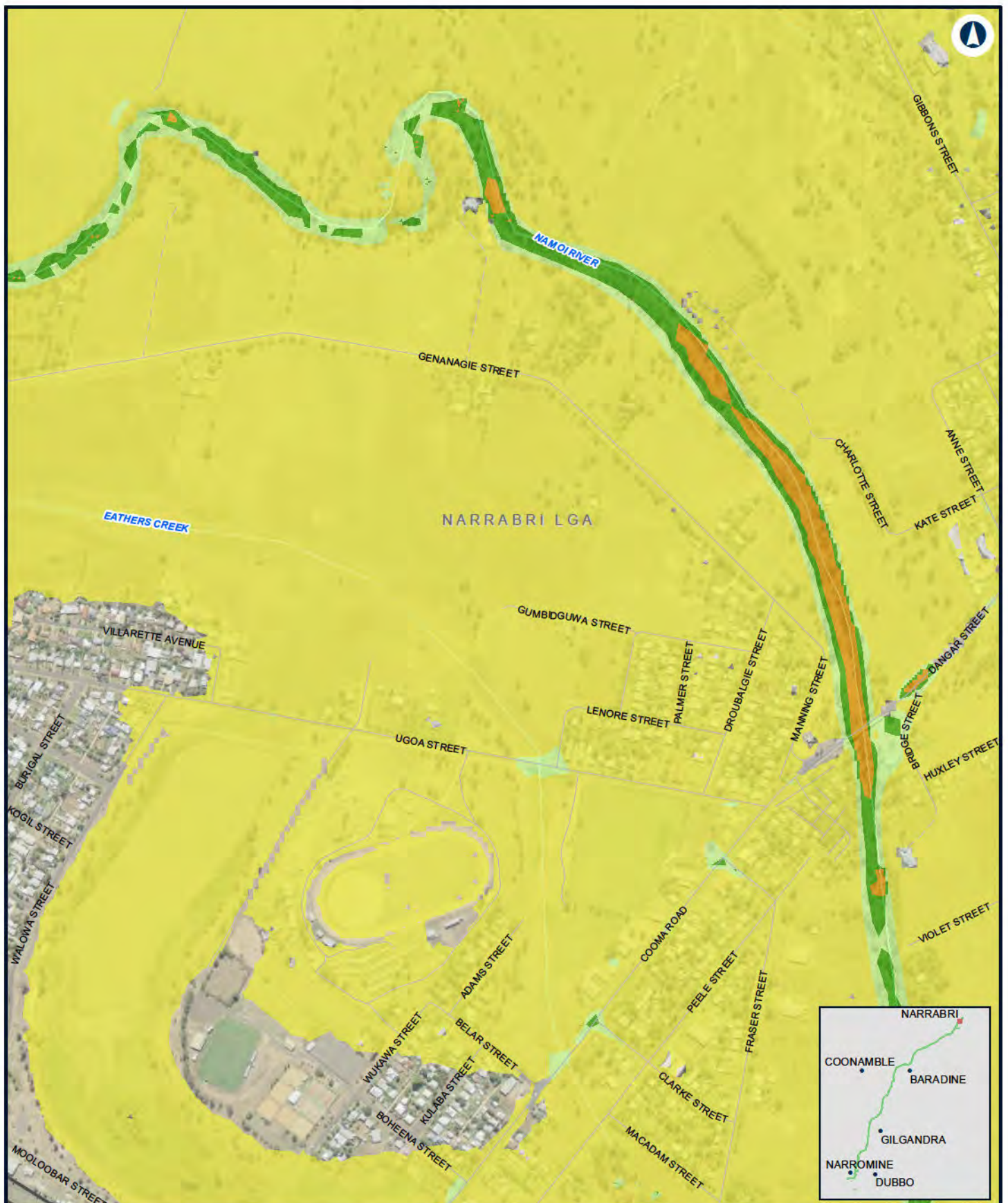
The proposal site

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.31

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

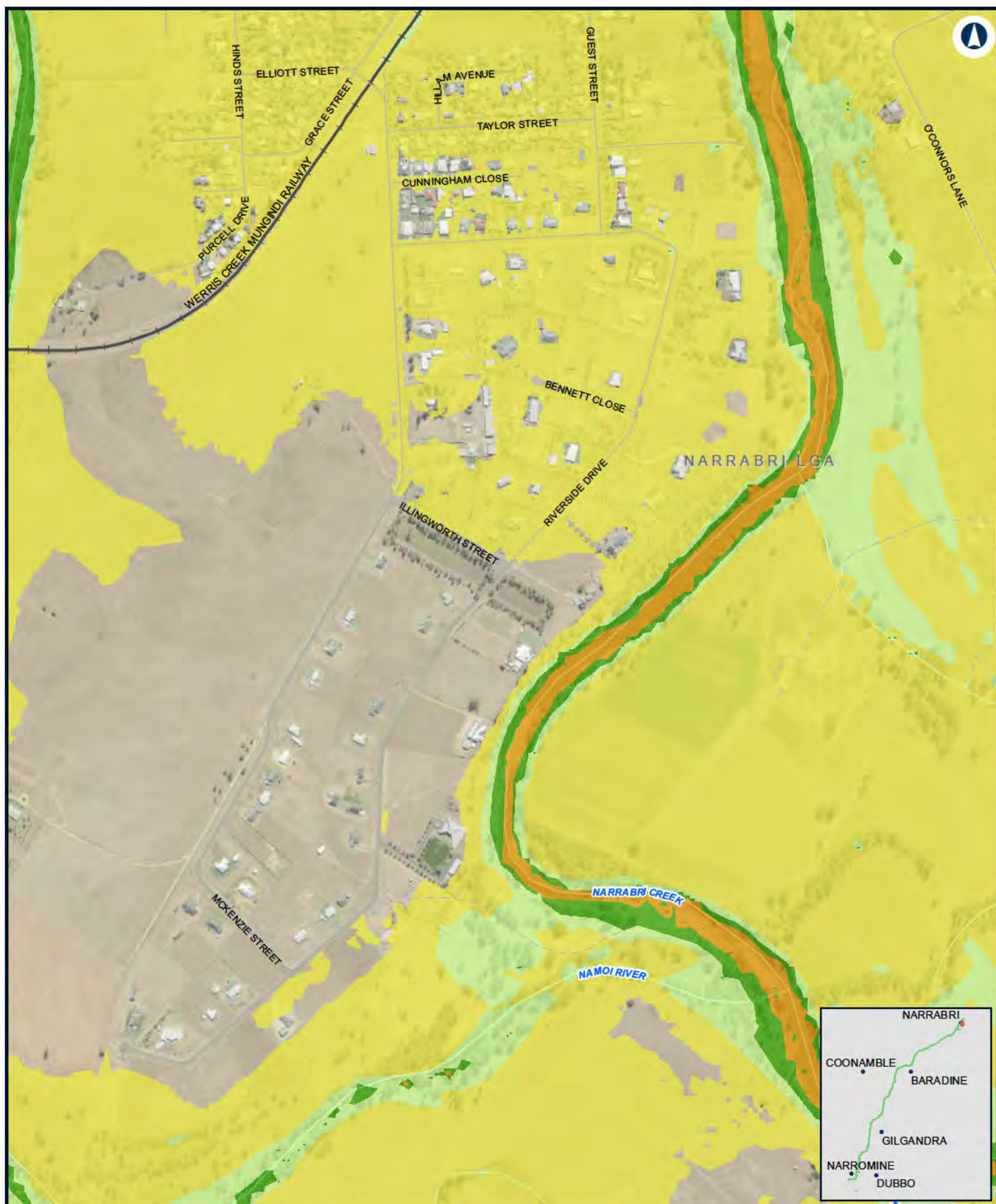
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.32

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

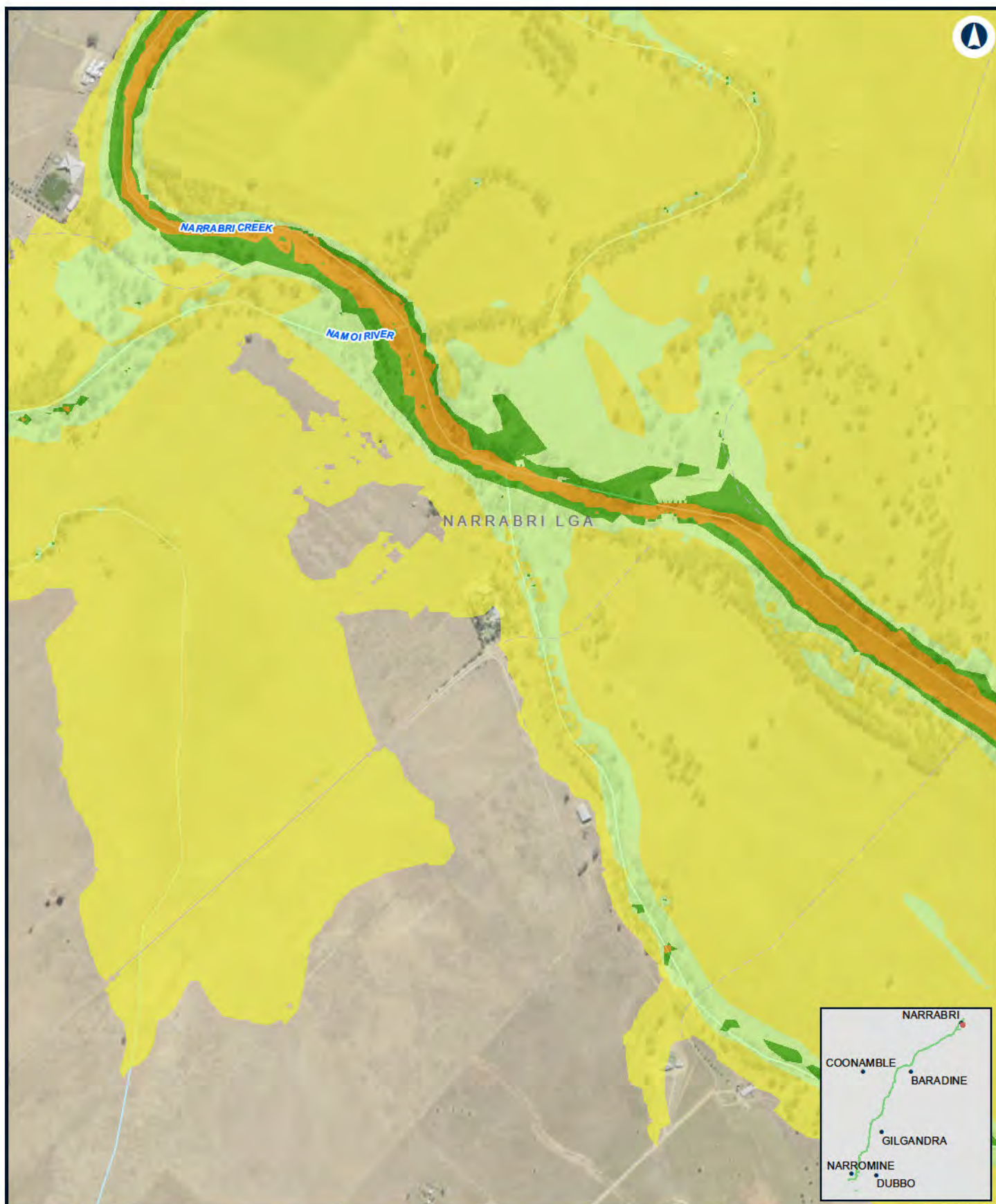
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.33

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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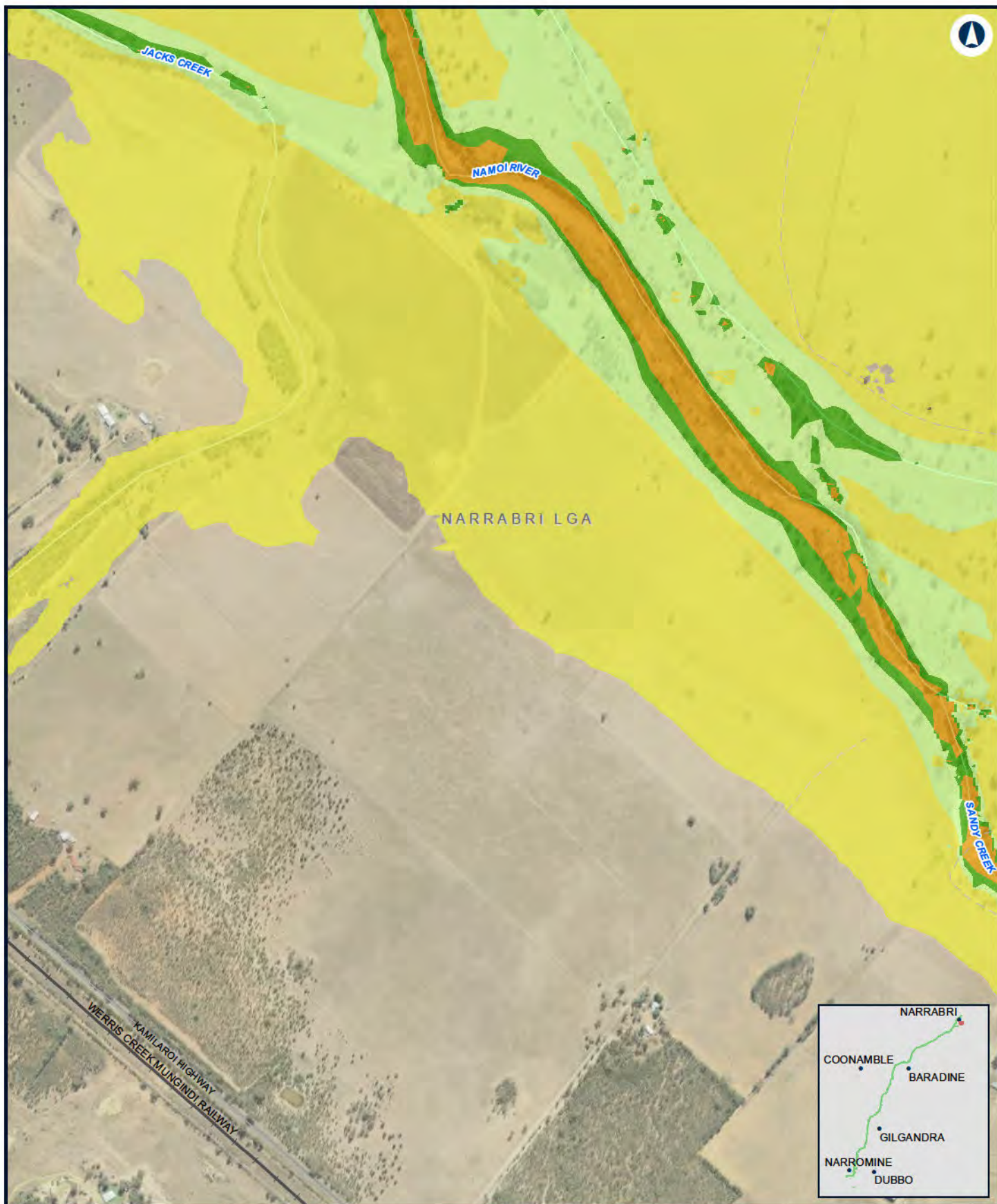
LEGEND

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 Regional

Appendix A - Figure 1.30.34

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

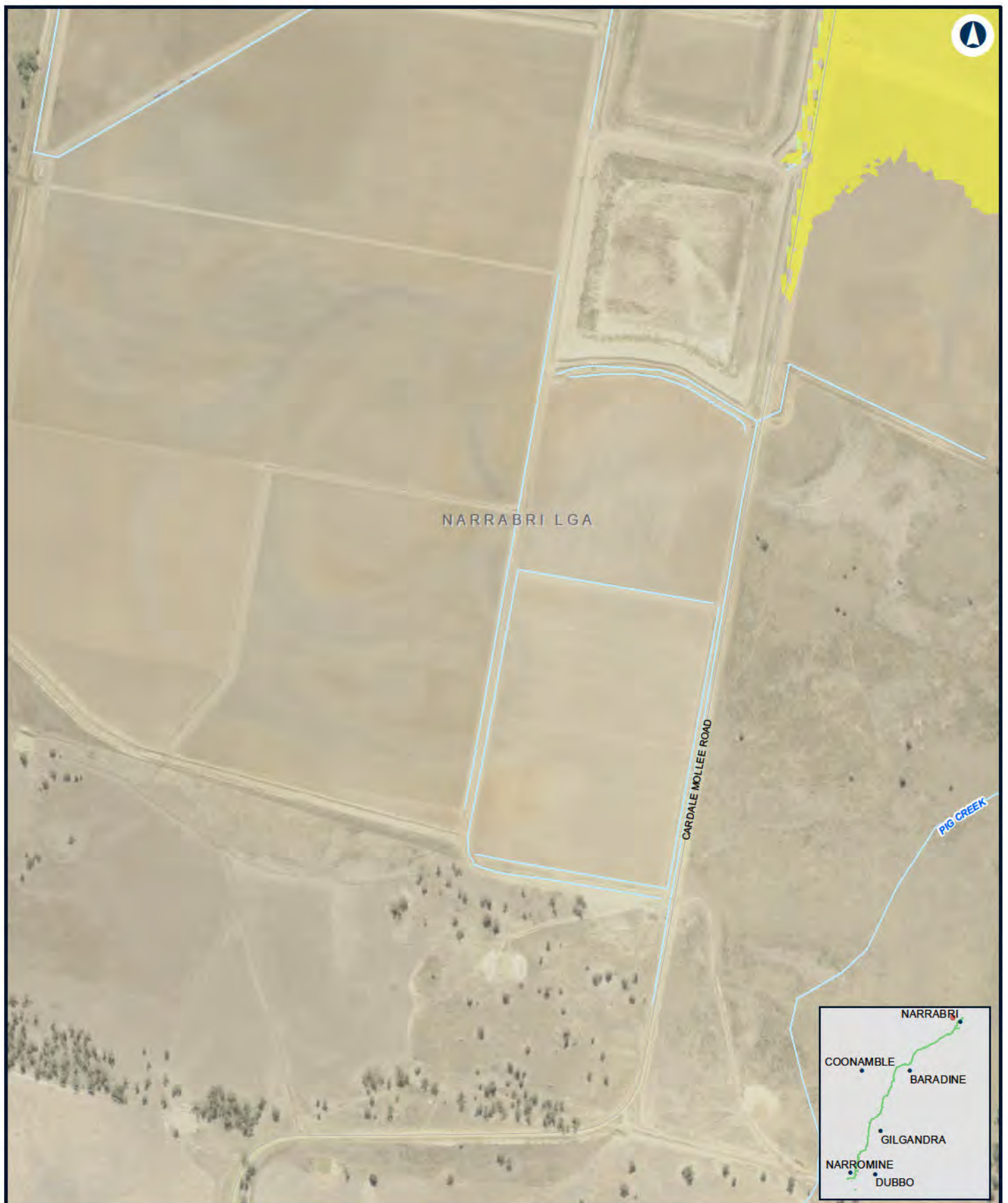
LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.35

0 0.1 0.2
Km

LEGEND

Flood velocity

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

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022

Paper: A4

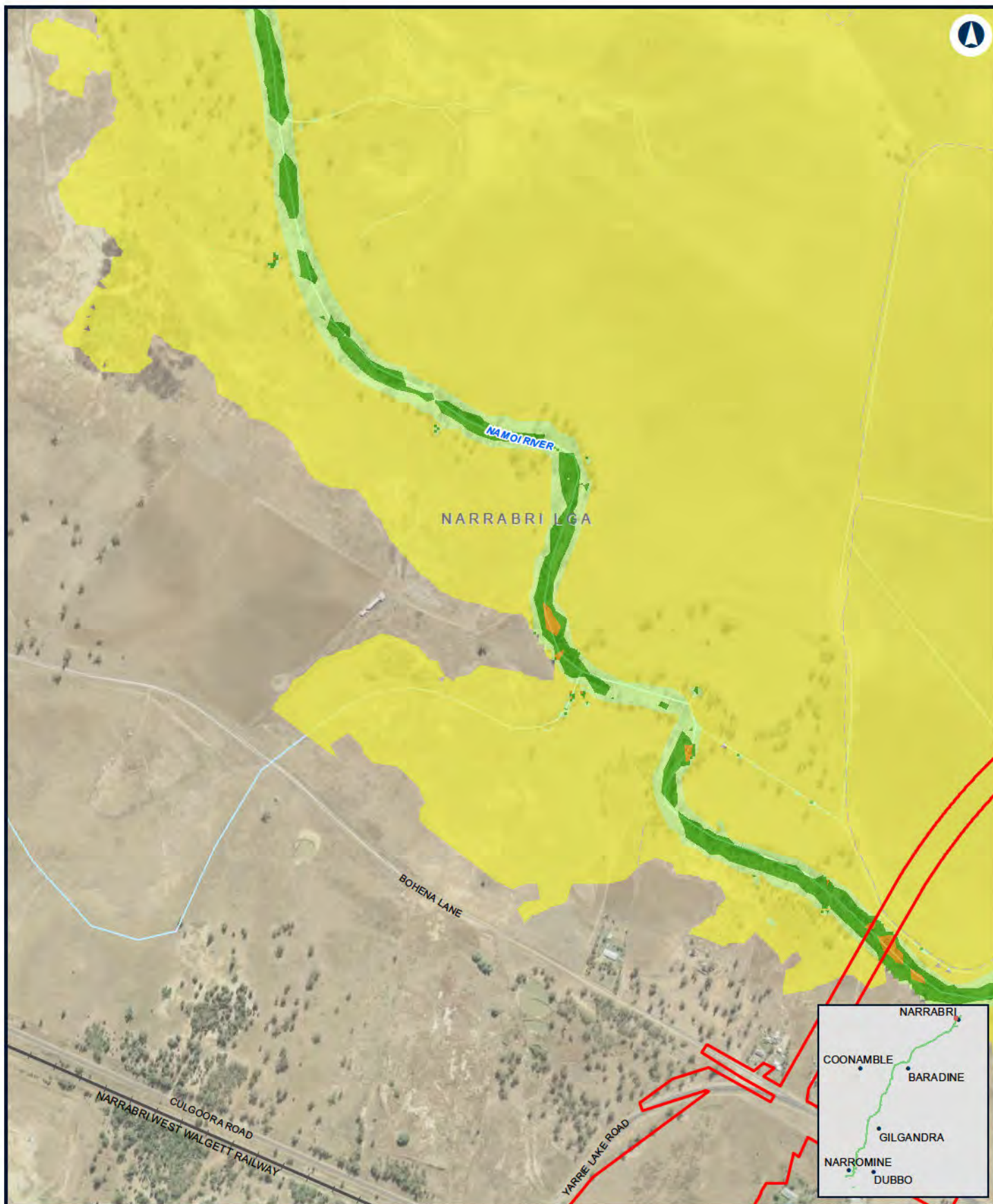
Author: JacobsGHD

Scale: 1:10,000

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

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NARROMINE TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.36

0 0.1 0.2
Km

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Scale: 1:10,000

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

LEGEND

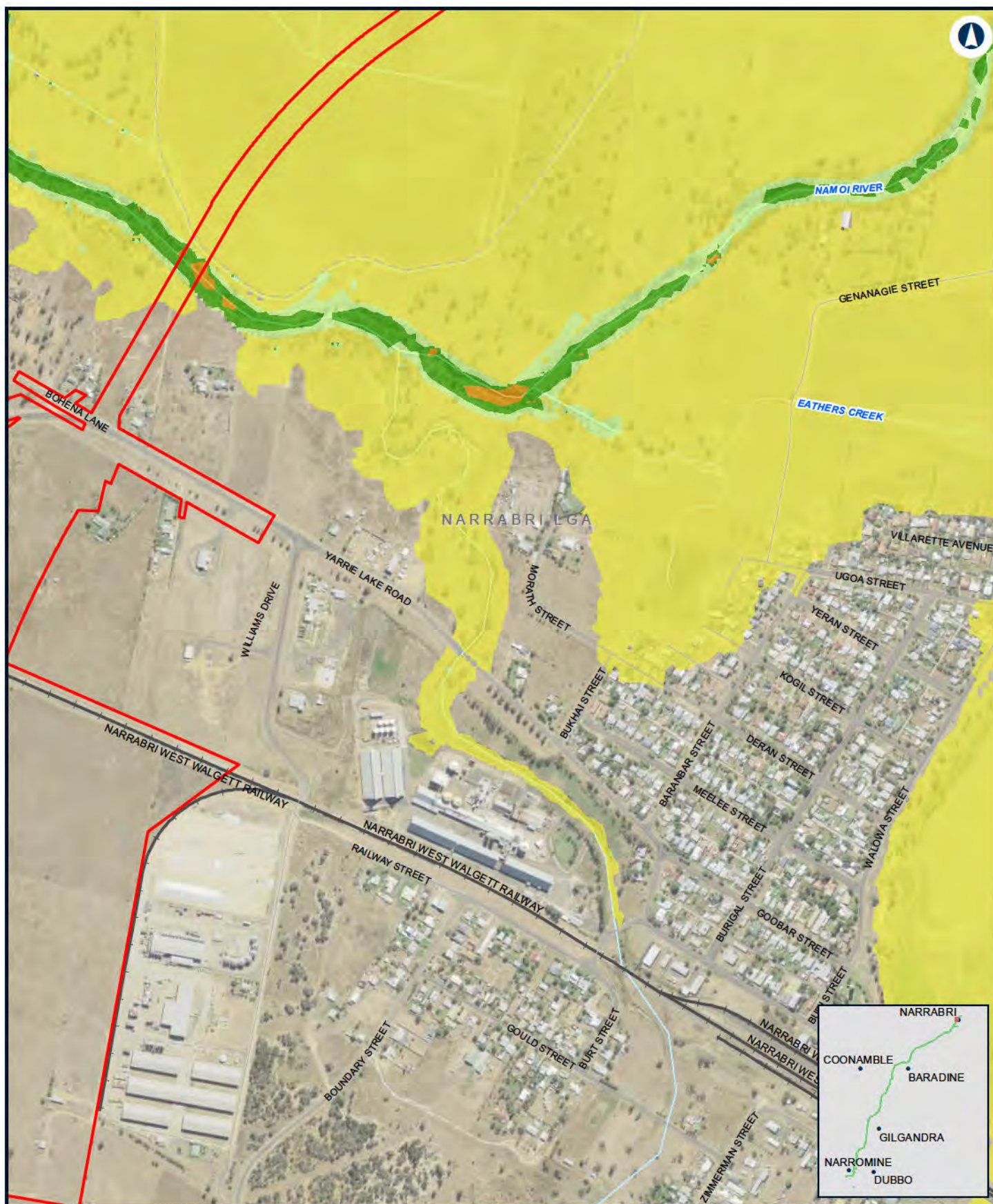
 The proposal site

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 Regional

Appendix A - Figure 1.30.37

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

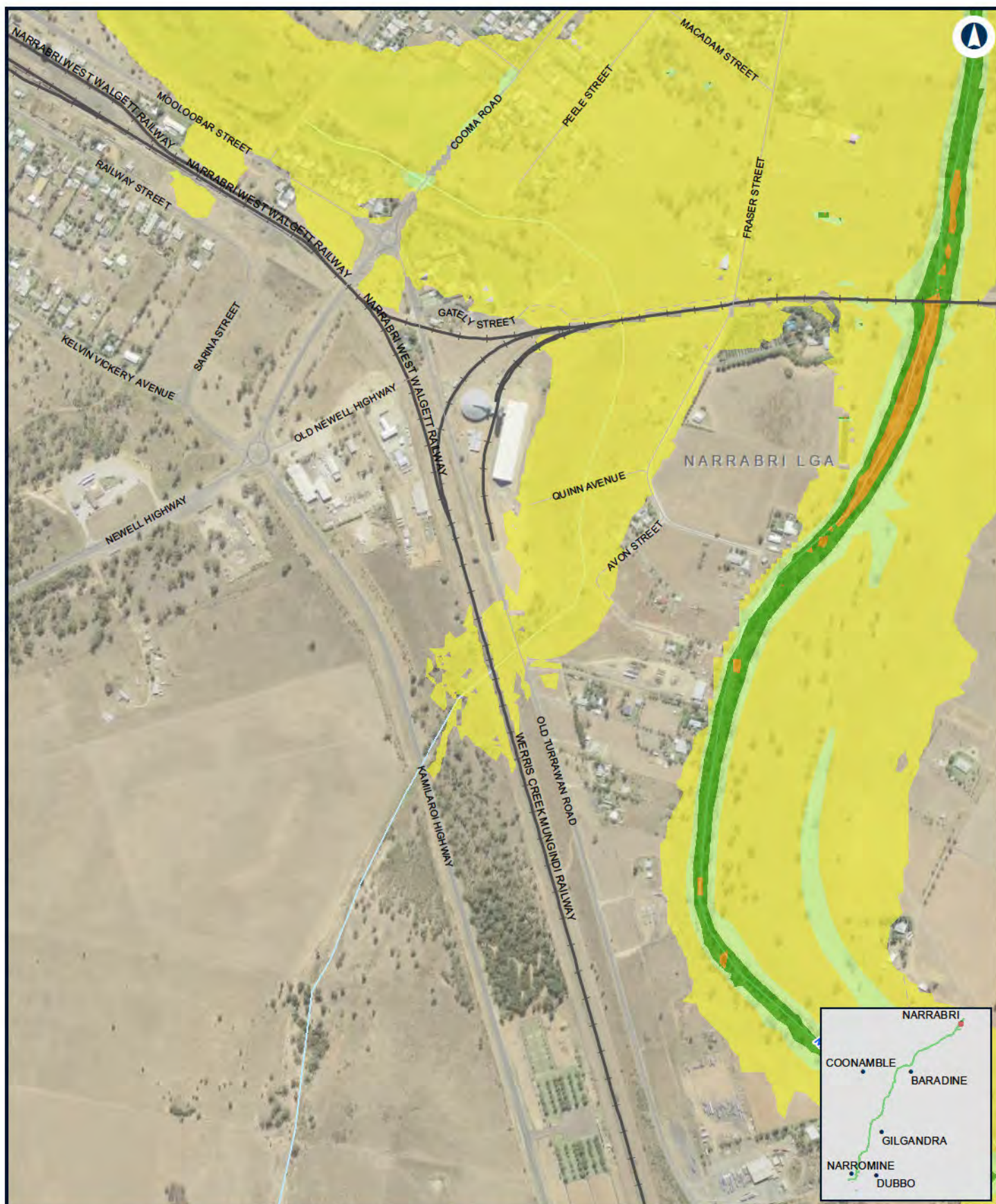
 The proposal site

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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NARRABRI TO NARRABRI

Existing peak velocity - 2% AEP - Narrabri Regional

Appendix A - Figure 1.30.38

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

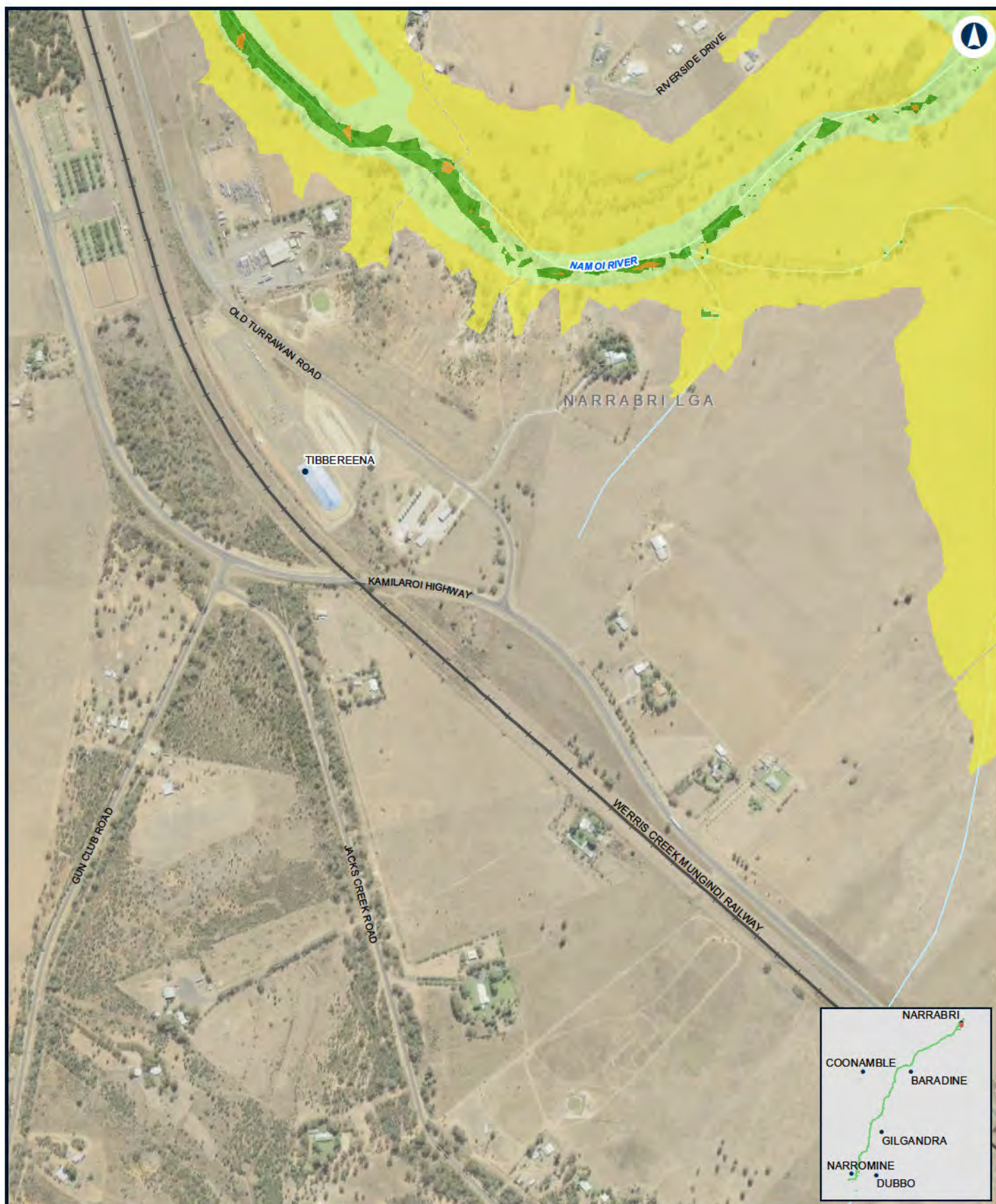
LEGEND

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 Regional

Appendix A - Figure 1.30.39

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**

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 Regional

Appendix A - Figure 1.30.40

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.1

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: 1:7,163,937

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

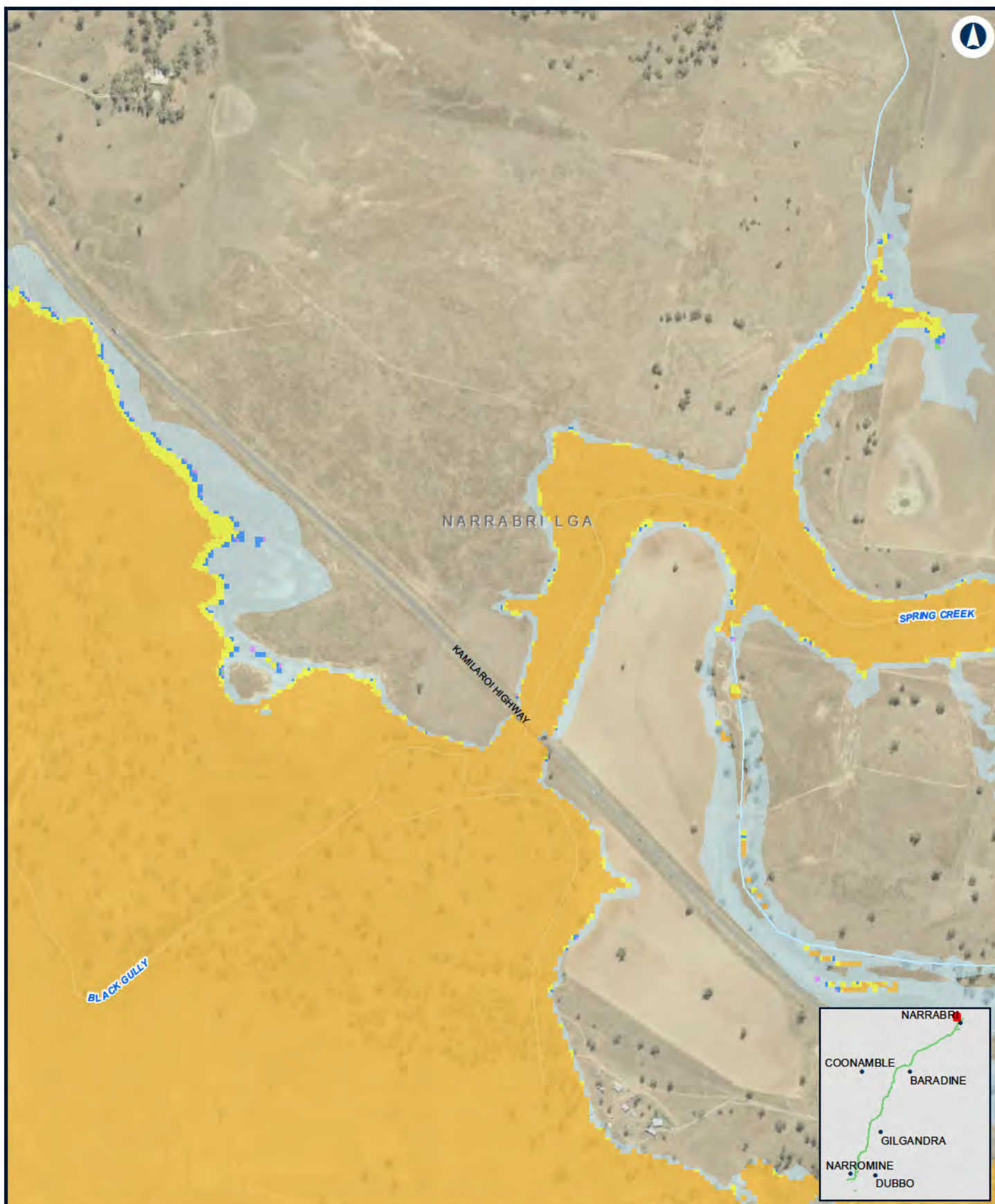
LEGEND

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 Regional

Appendix A - Figure 1.31.2

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: 1:7,163,937

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

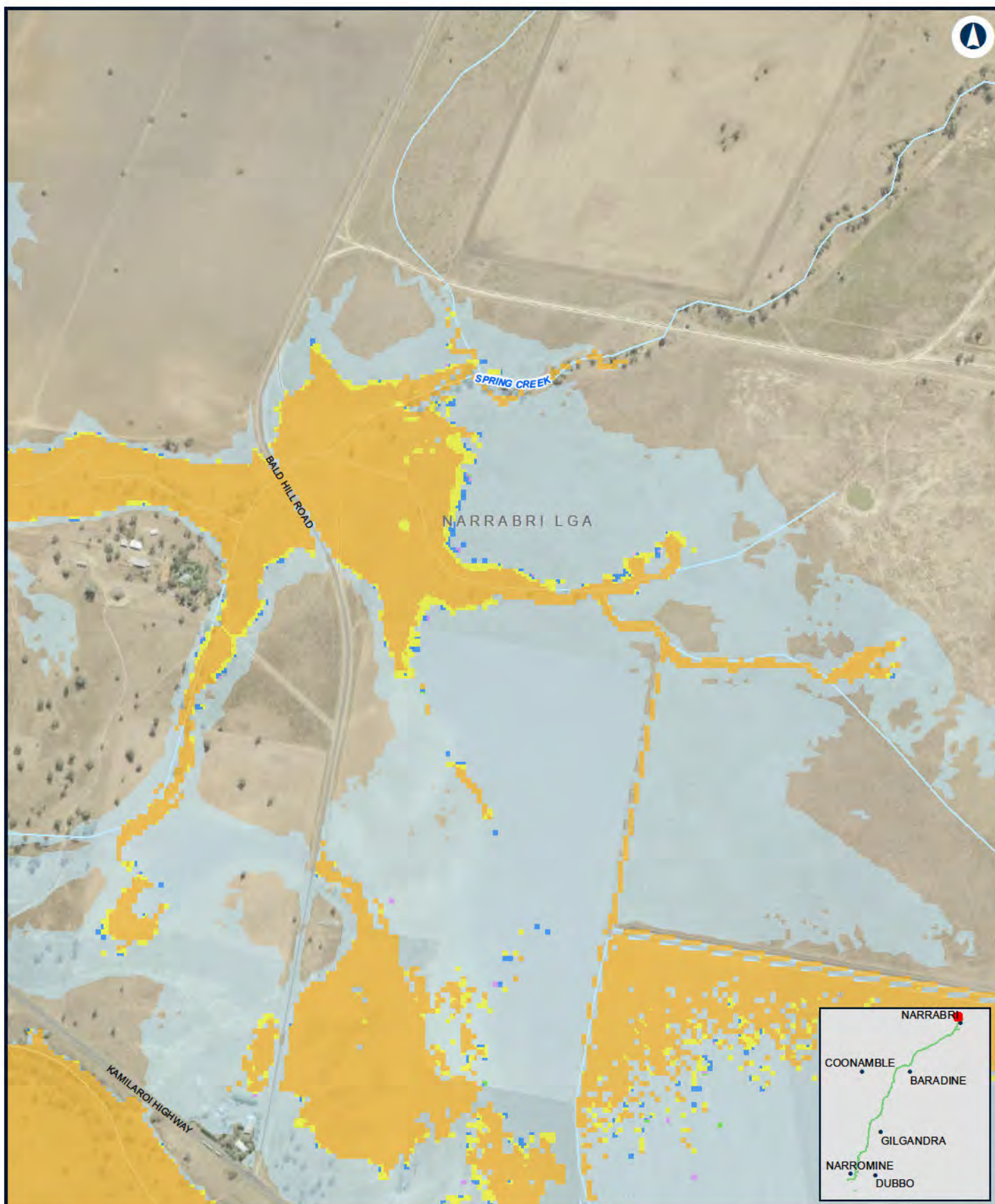
LEGEND

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 Regional

Appendix A - Figure 1.31.3

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: 1:7,163,937

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

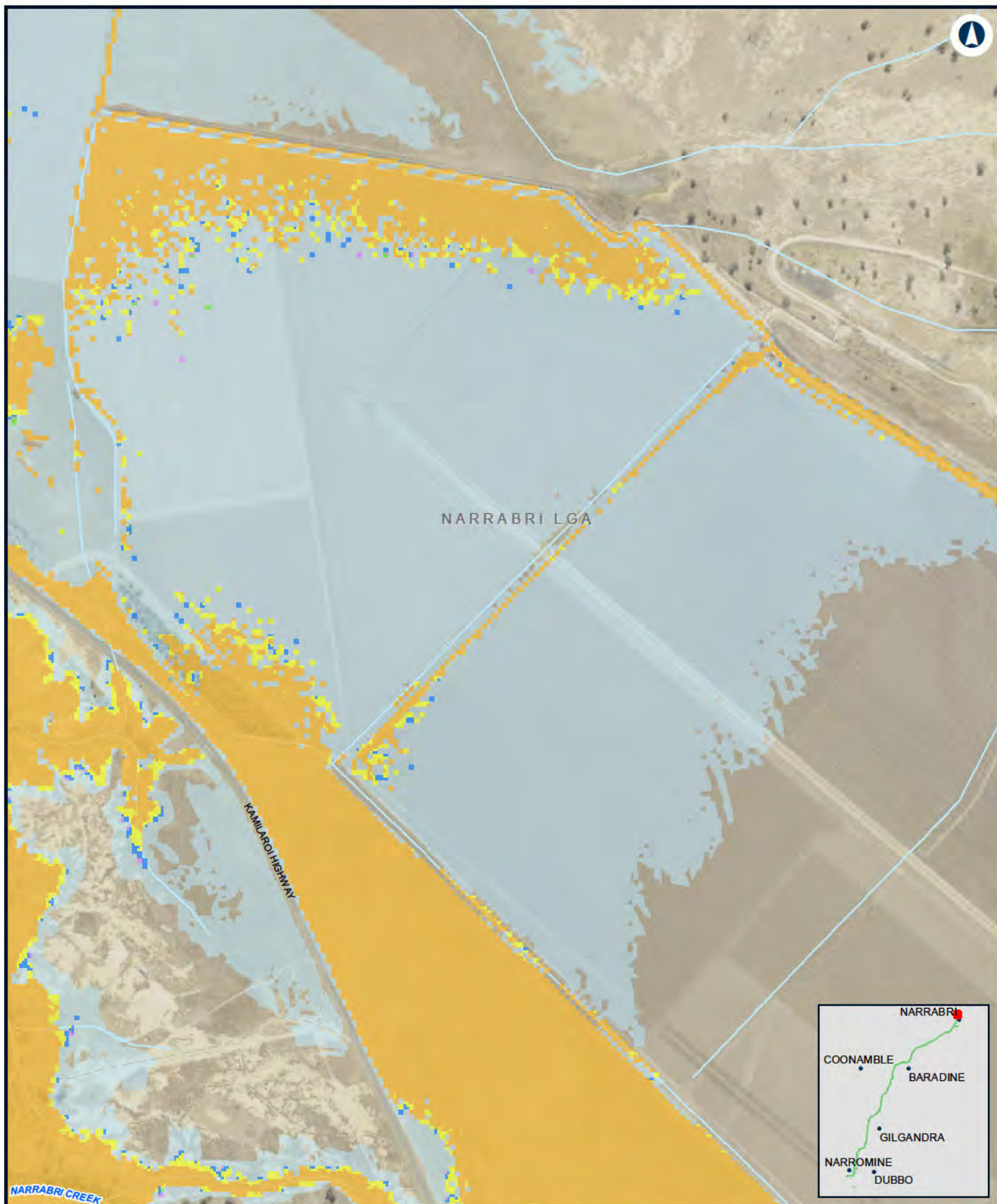
LEGEND

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 Regional

Appendix A - Figure 1.31.4

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: 1:7,163,937

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

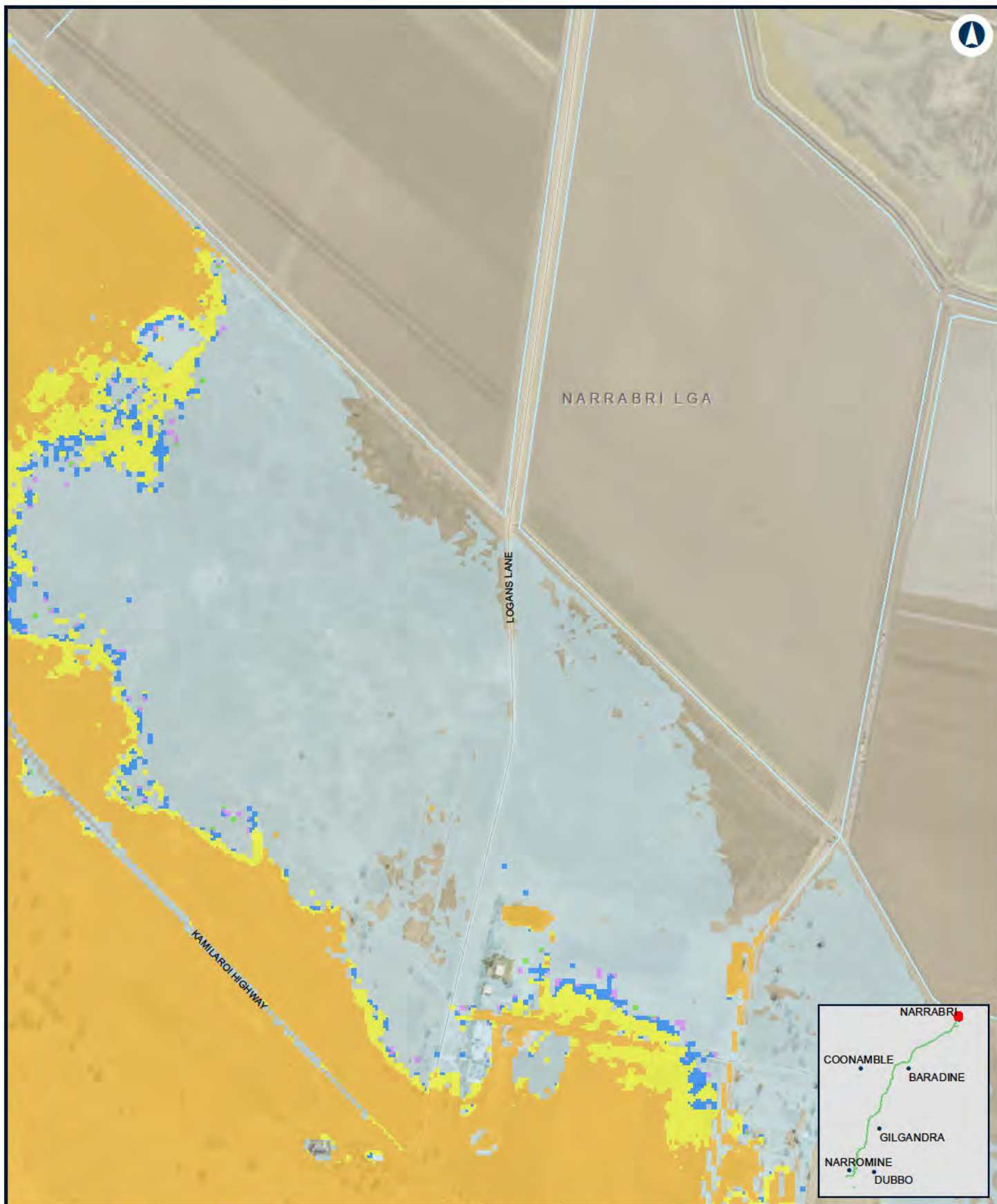
LEGEND

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 Regional

Appendix A - Figure 1.31.5

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: 1:7,163,937

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

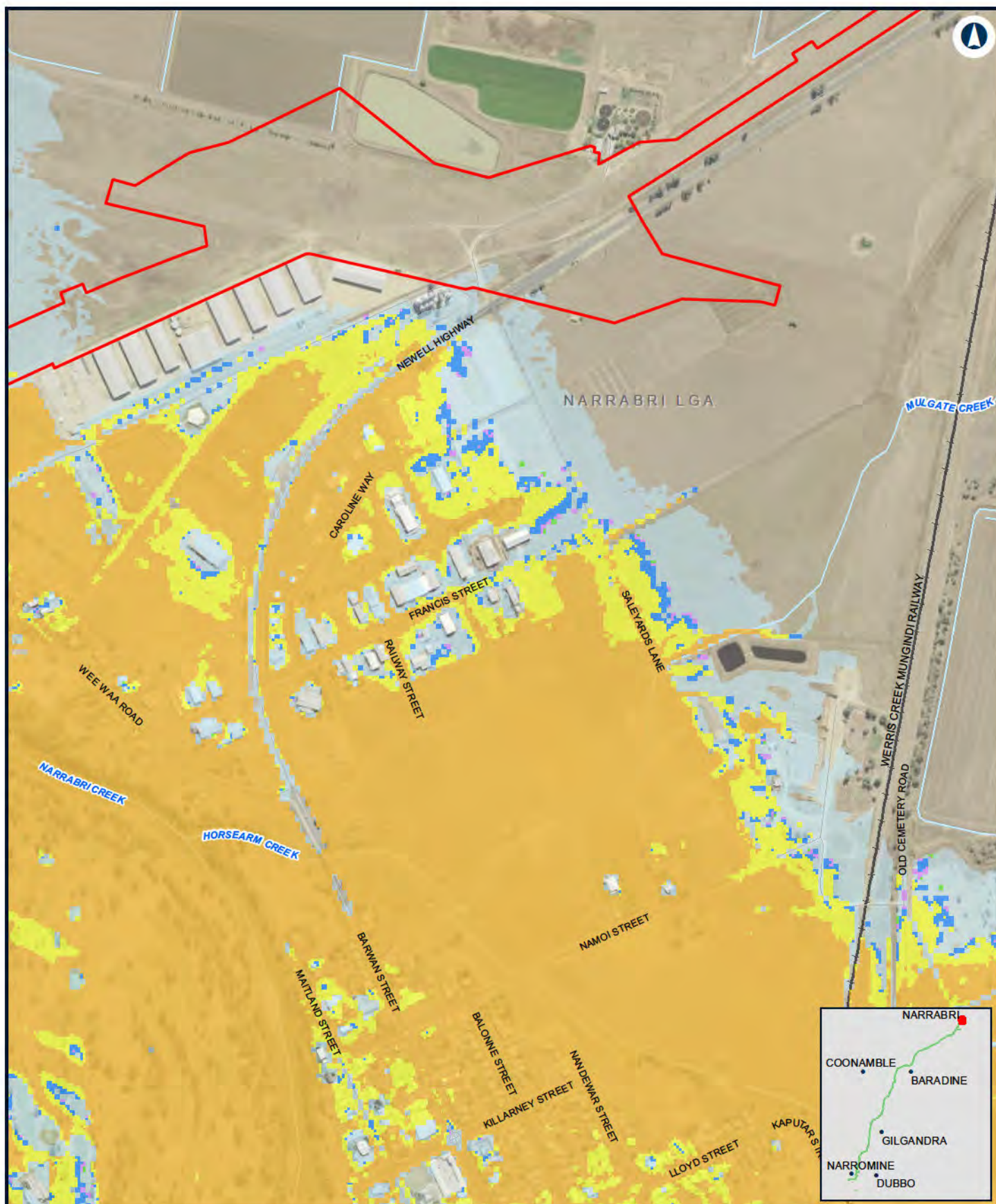
LEGEND

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 Regional

Appendix A - Figure 1.31.6

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: 1:7,163,937
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

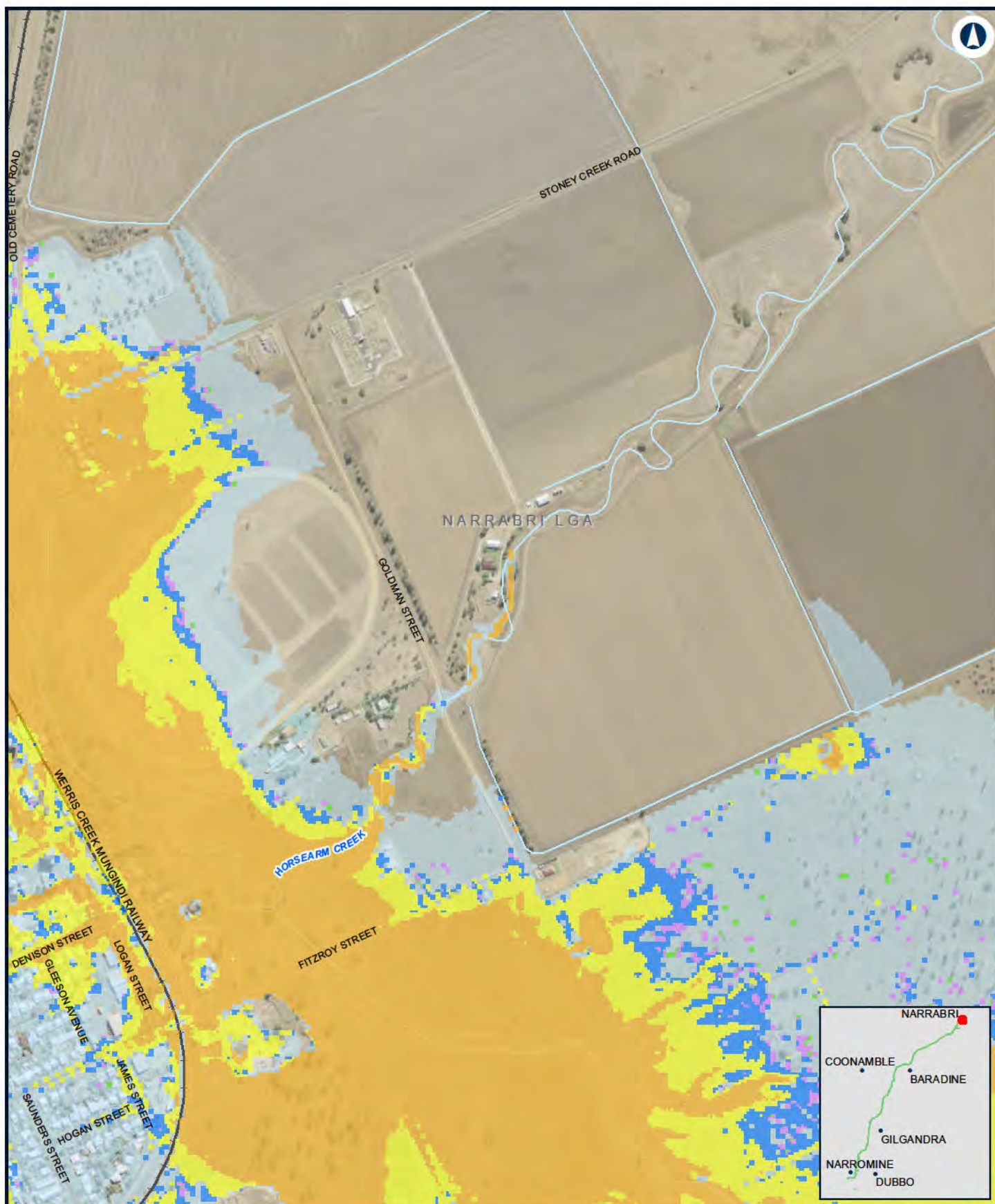
Duration (hrs)

- 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 Regional

Appendix A - Figure 1.31.7

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: 1:7,163,937

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

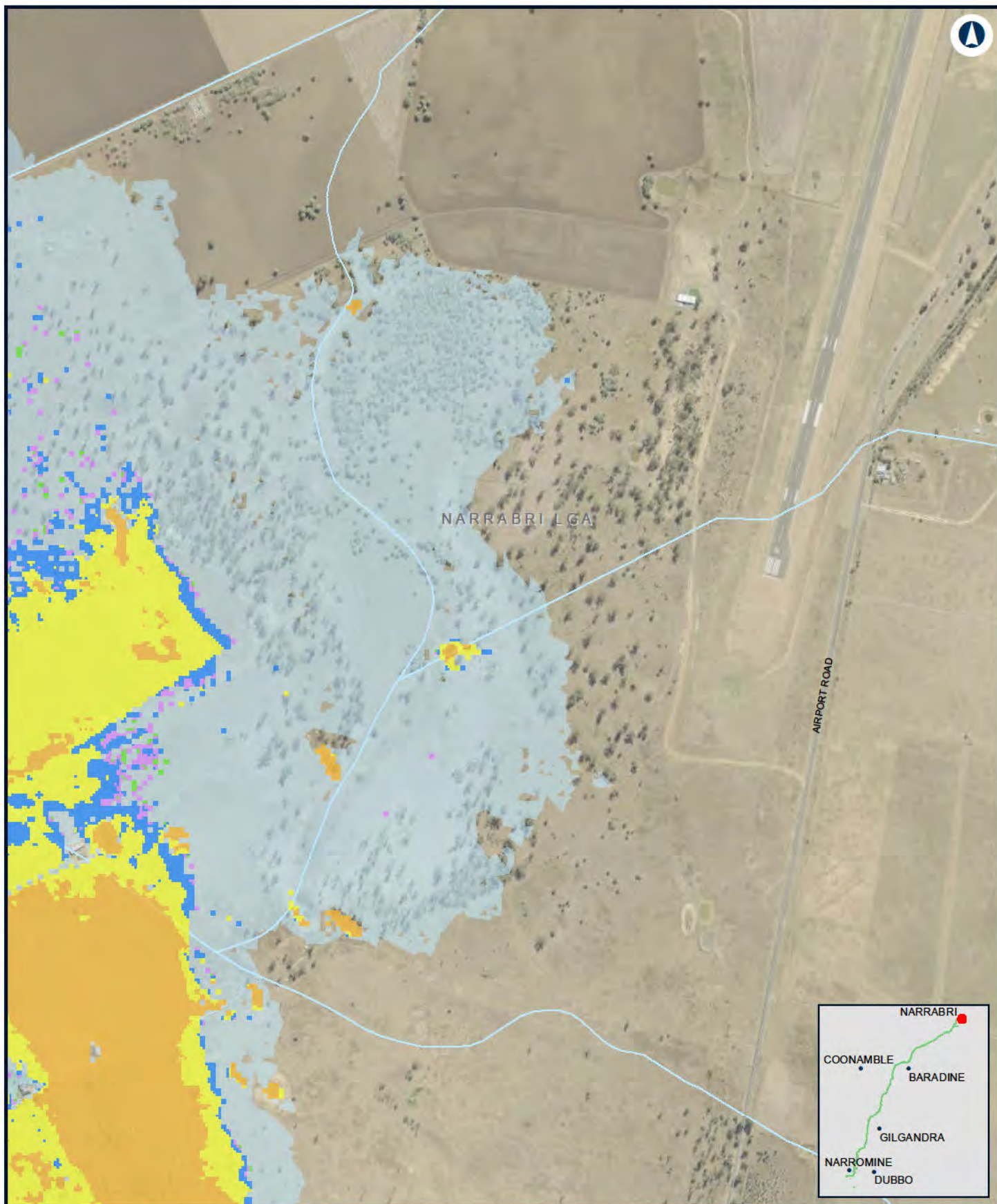
LEGEND

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 Regional

Appendix A - Figure 1.31.8

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: 1:7,163,937

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

LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

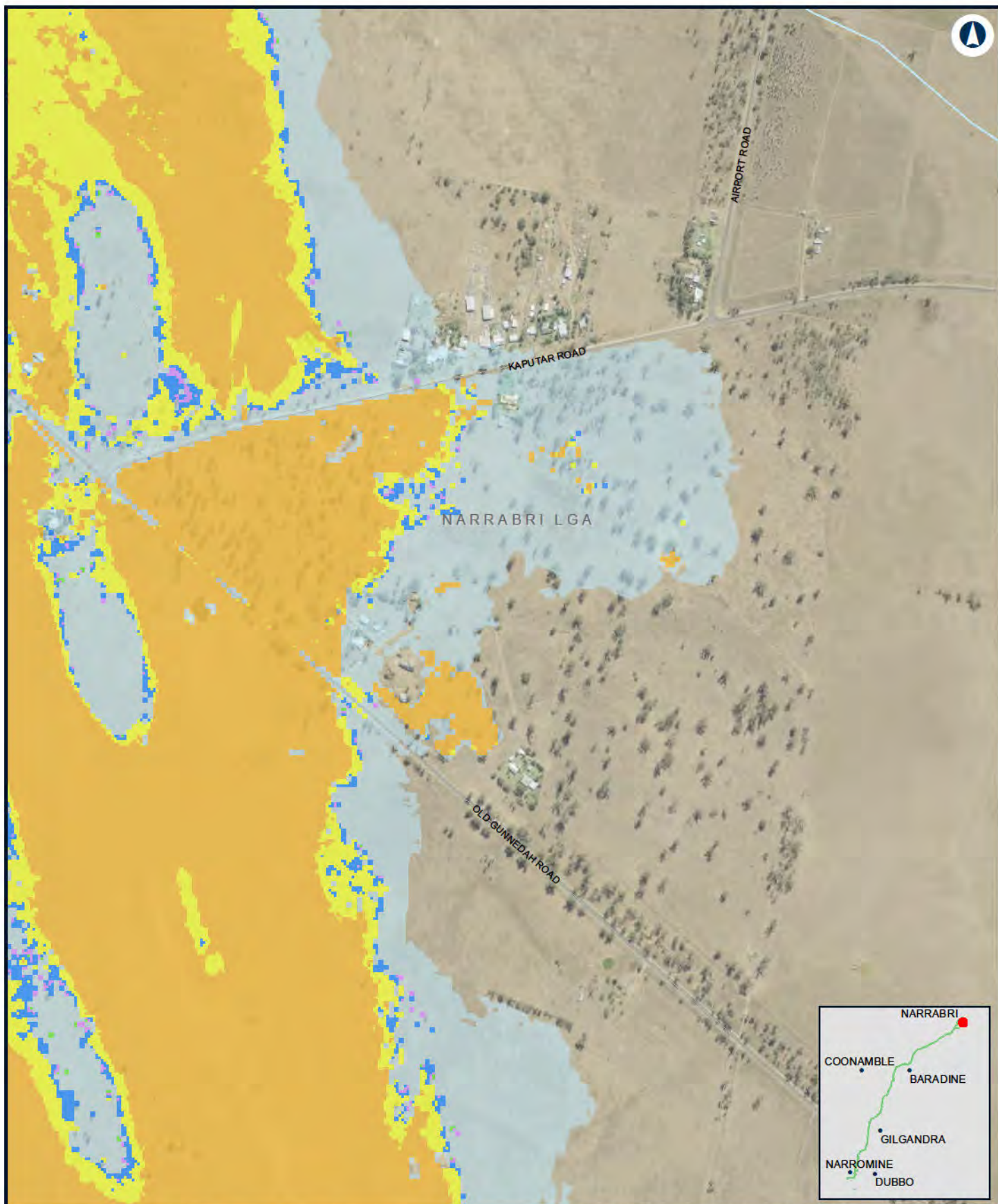
12hrs - 24hrs

> 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 Regional

Appendix A - Figure 1.31.9

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: 1:7,163,937

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

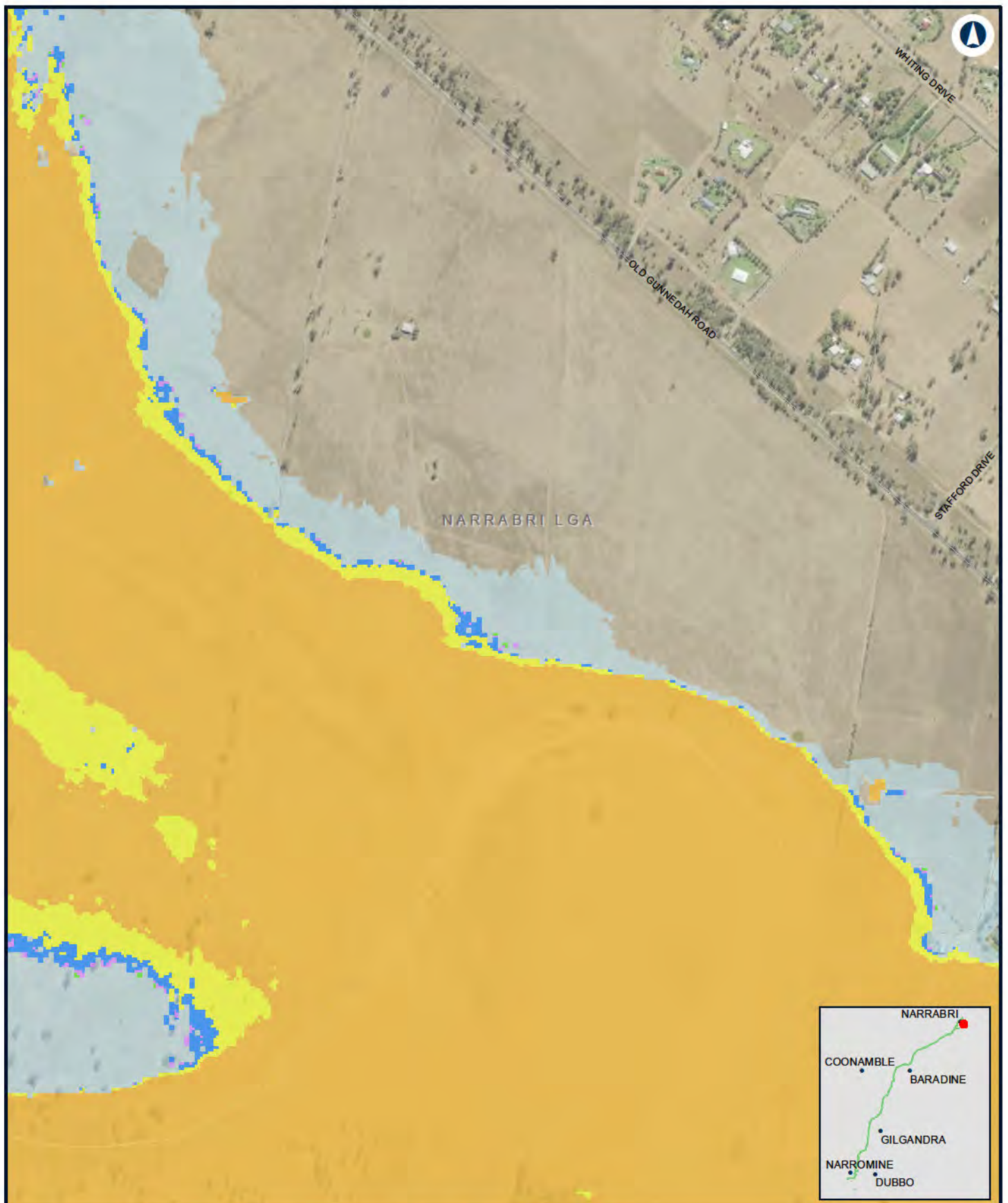
LEGEND

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 Regional

Appendix A - Figure 1.31.10

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: 1:7,163,937

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 Regional

Appendix A - Figure 1.31.11

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: 1:7,163,937

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

LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

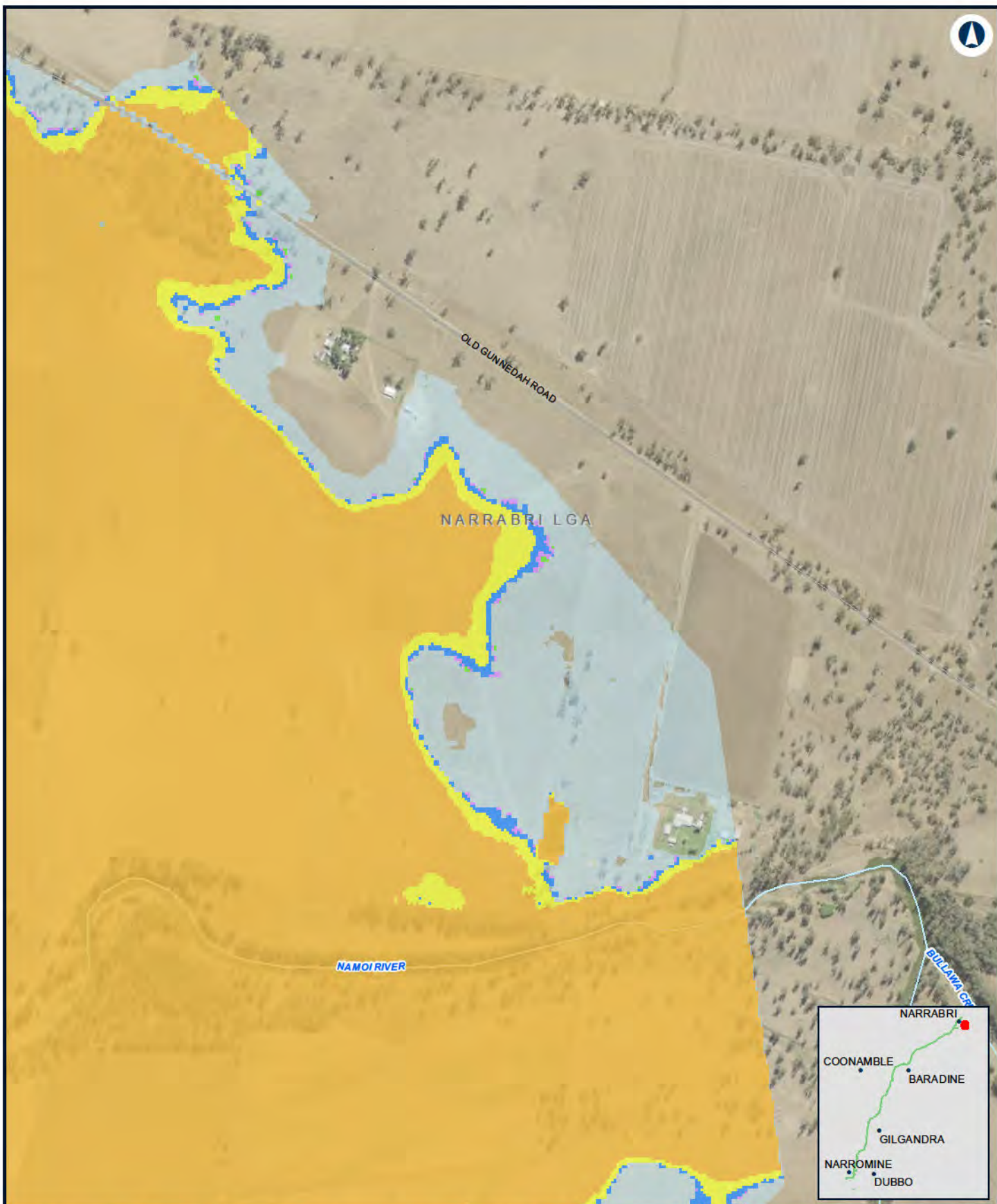
12hrs - 24hrs

> 24hrs

Flood extent

**INLAND
RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.12

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: 1:7,163,937

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

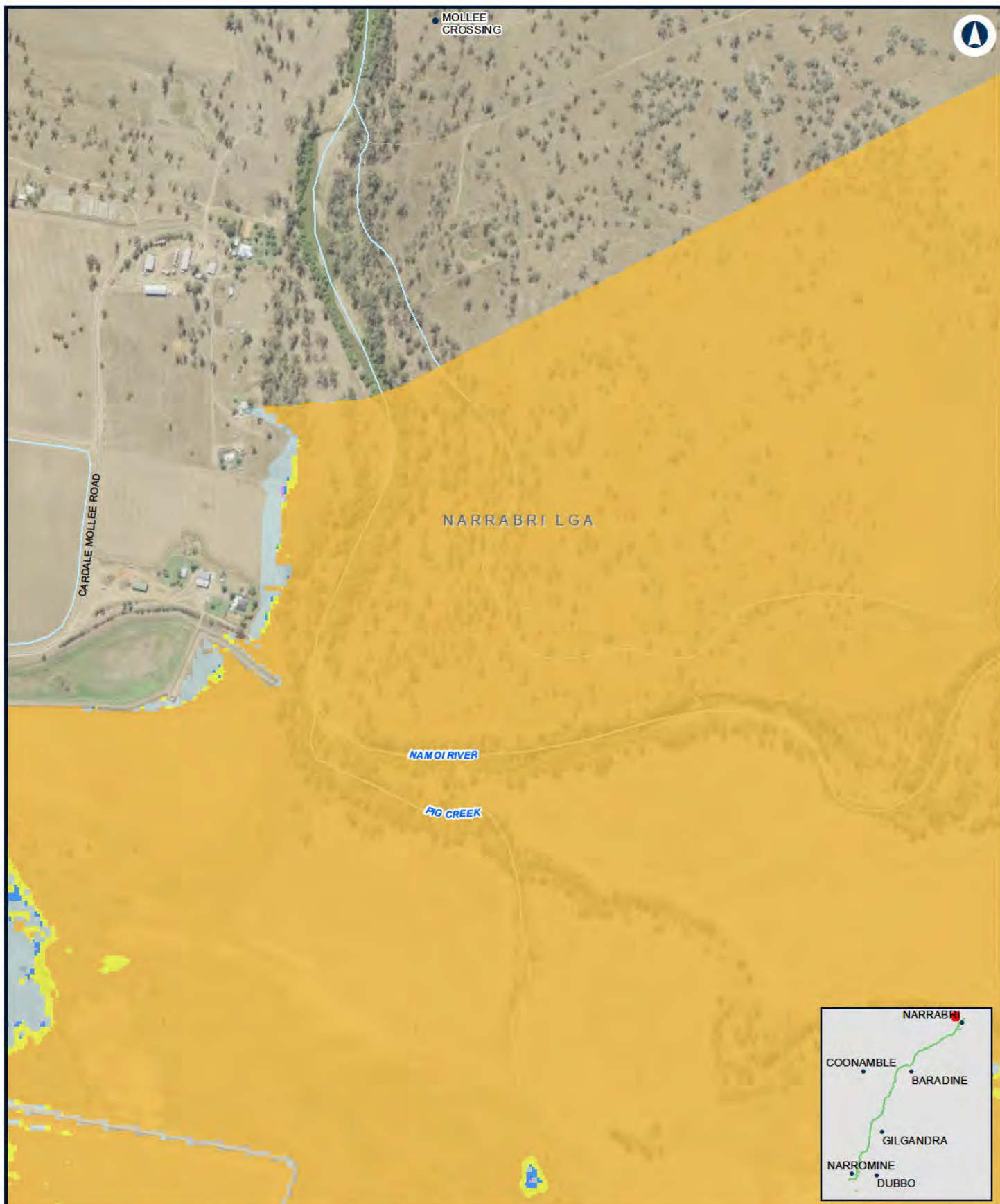
LEGEND

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 Regional

Appendix A - Figure 1.31.13

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: 1:7,163,937

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

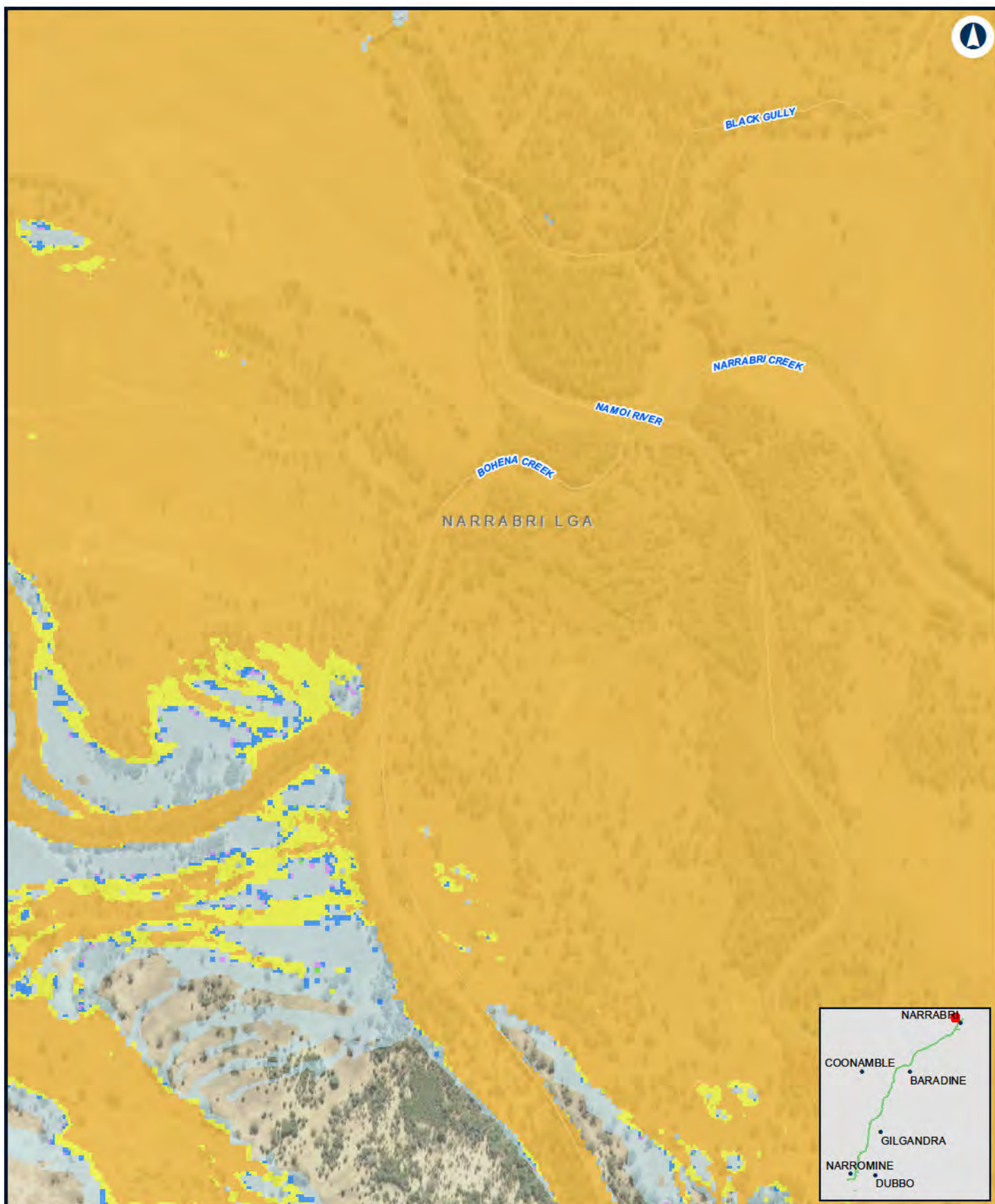
LEGEND

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 Regional

Appendix A - Figure 1.31.14

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD Scale: 1:7,163,937

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

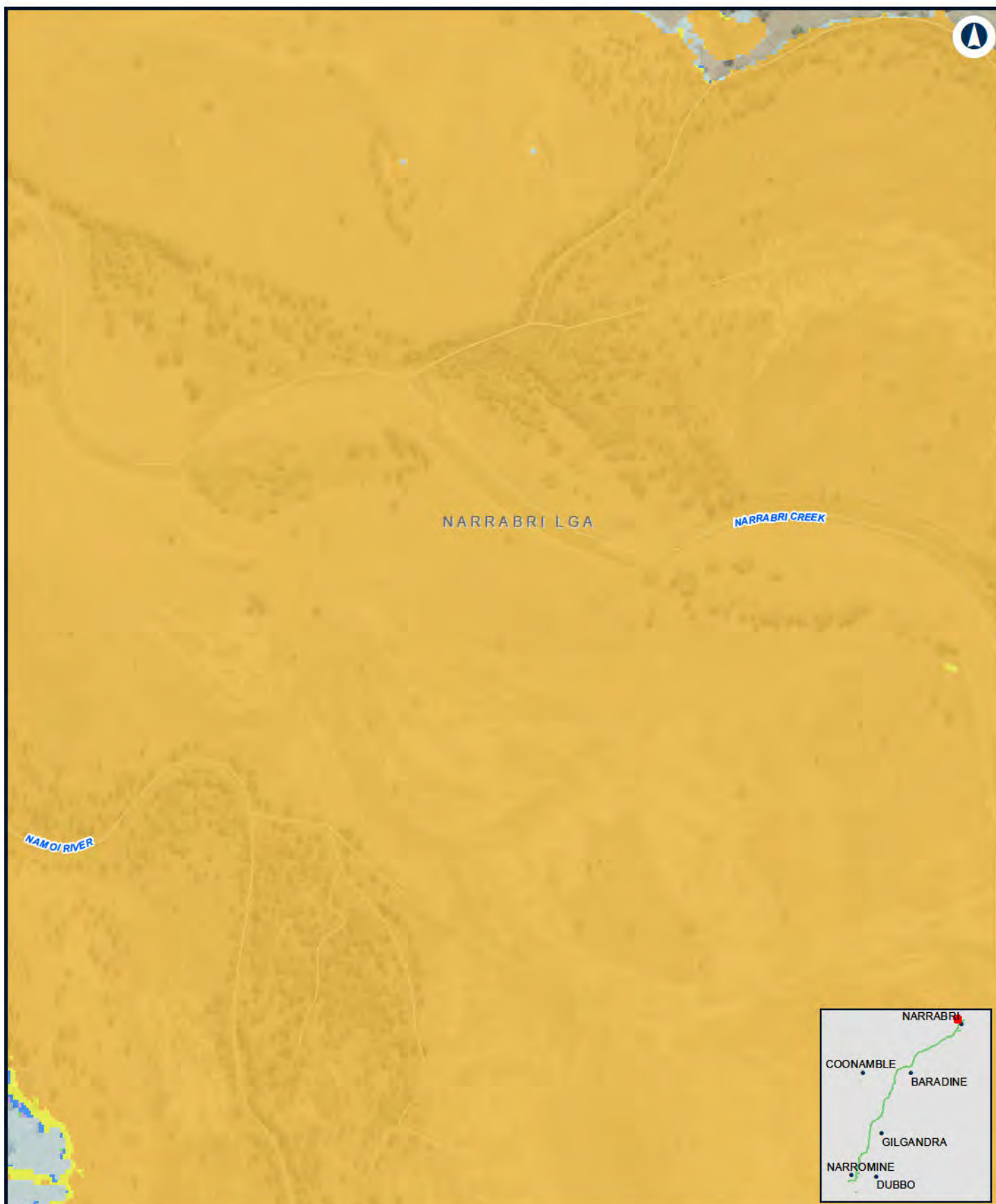
LEGEND

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 Regional

Appendix A - Figure 1.31.15

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: 1:7,163,937

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

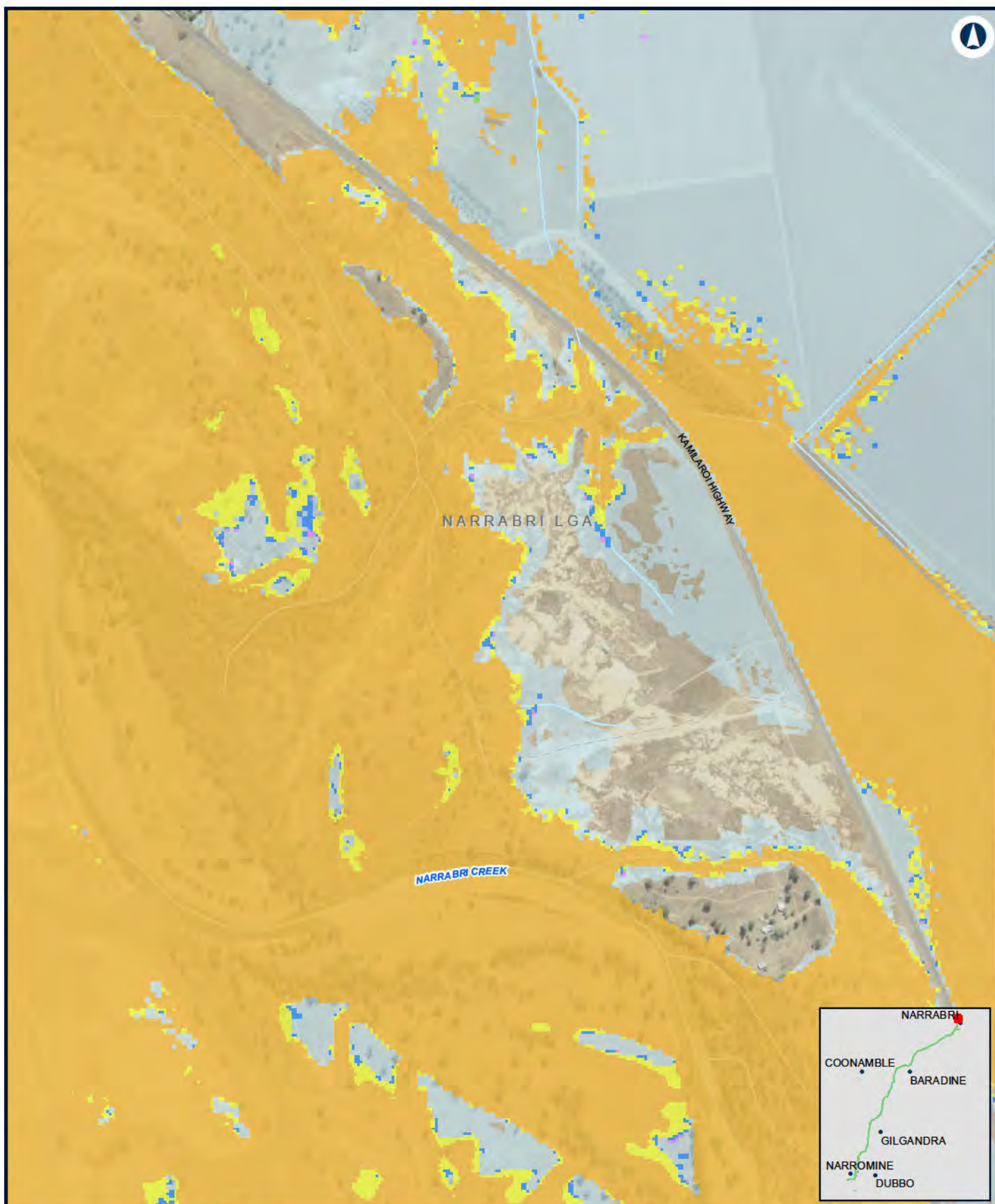
LEGEND

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 Regional

Appendix A - Figure 1.31.16

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: 1:7,163,937

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

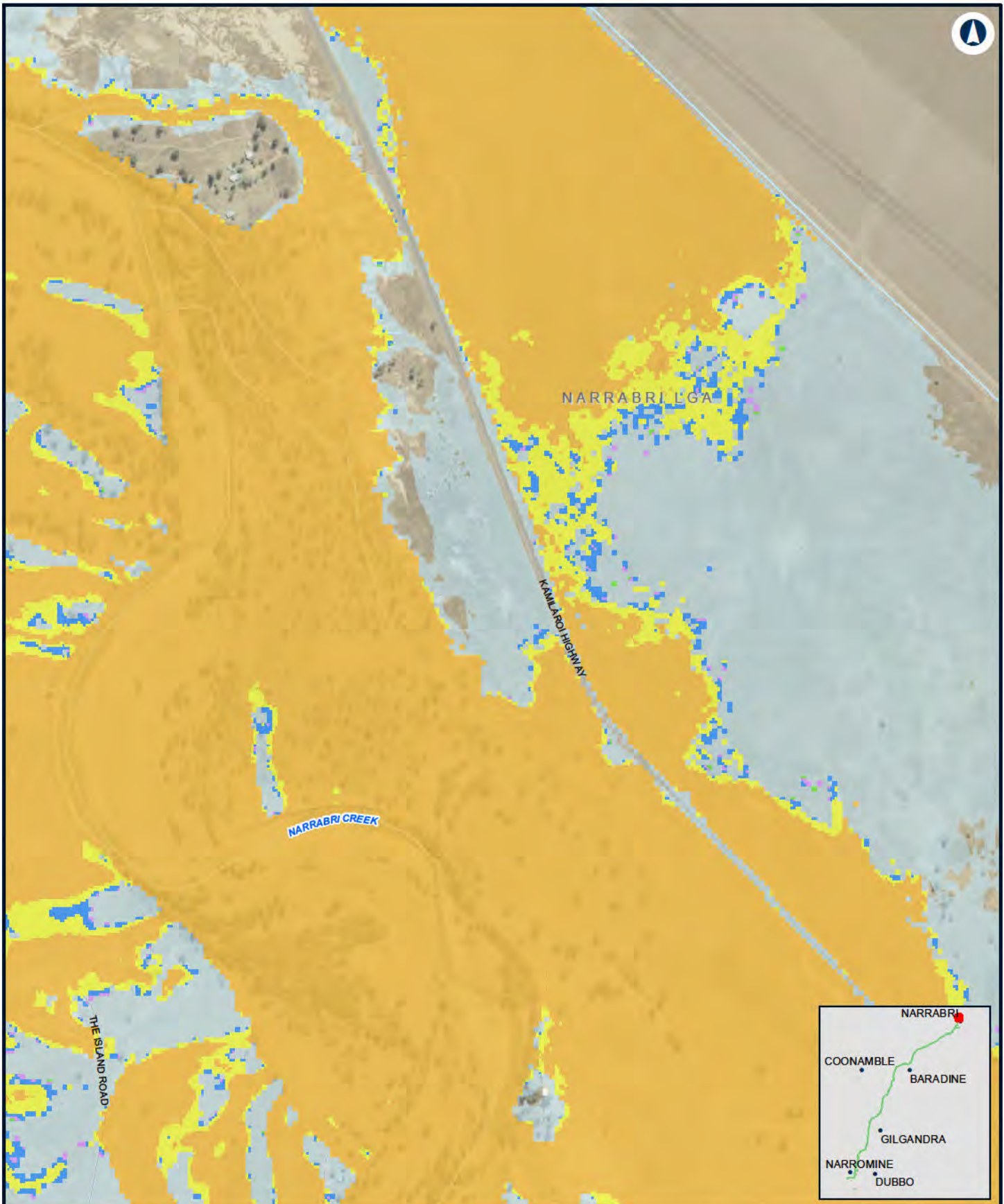
LEGEND

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 Regional

Appendix A - Figure 1.31.17

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD Scale: 1:7,163,937

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

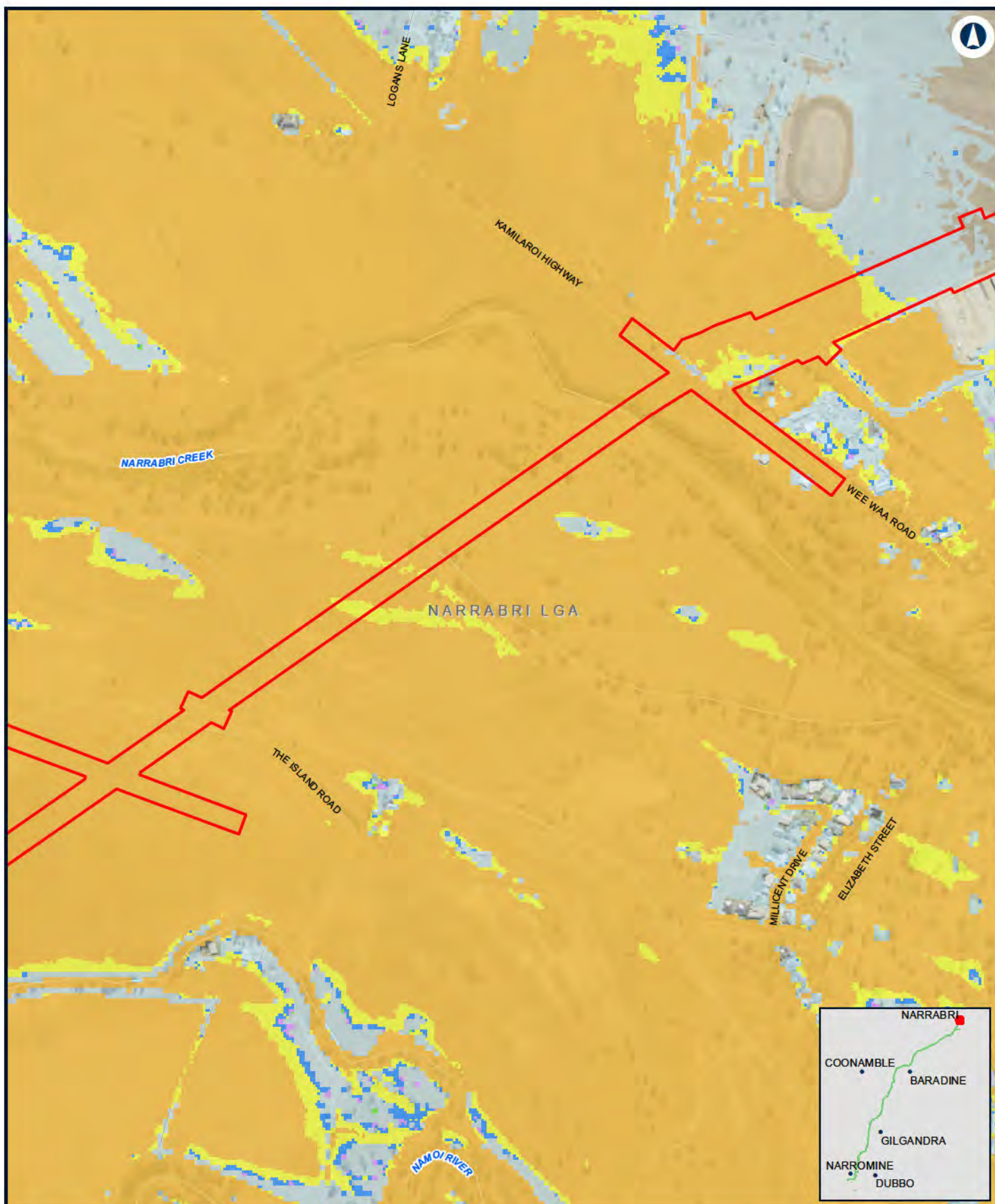
LEGEND

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 Regional

Appendix A - Figure 1.31.18

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: 1:7,163,937
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

 The proposal site

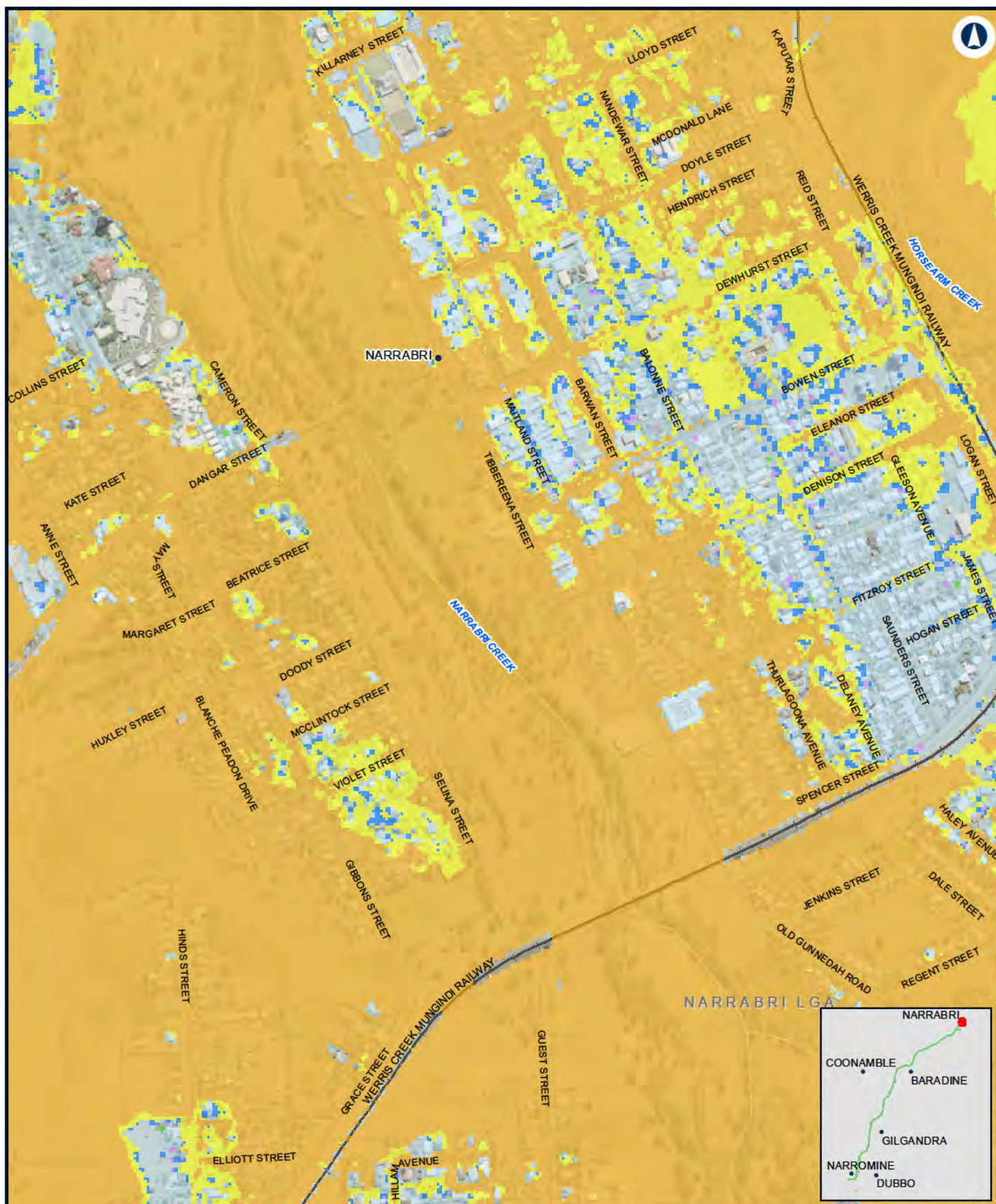
Duration (hrs)

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 Regional

Appendix A - Figure 1.31.19

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: 1:7,163,937

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

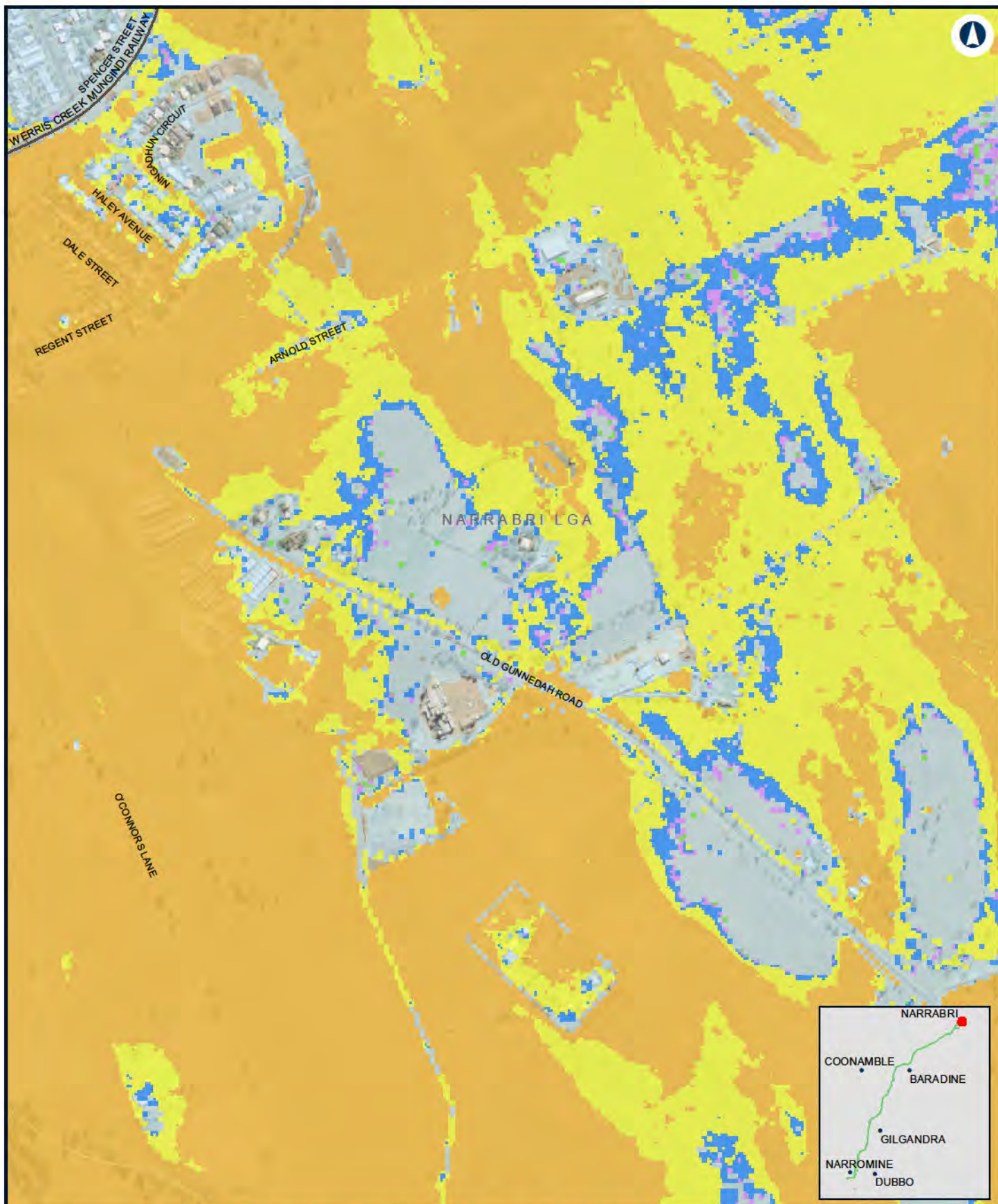
LEGEND

Duration (hrs)

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

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.20

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: 1:7,163,937

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

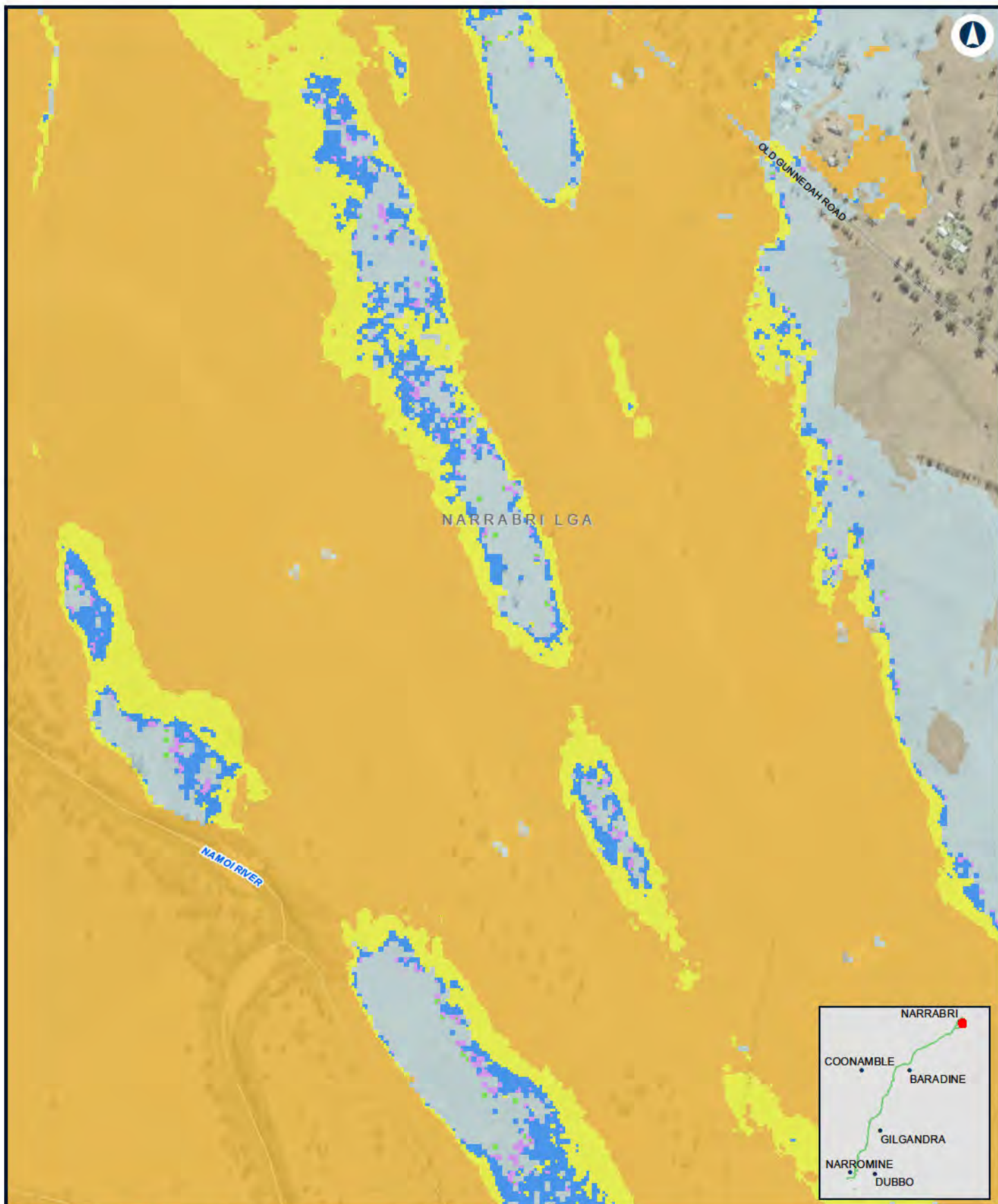
LEGEND

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.



NARRABRI TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.21

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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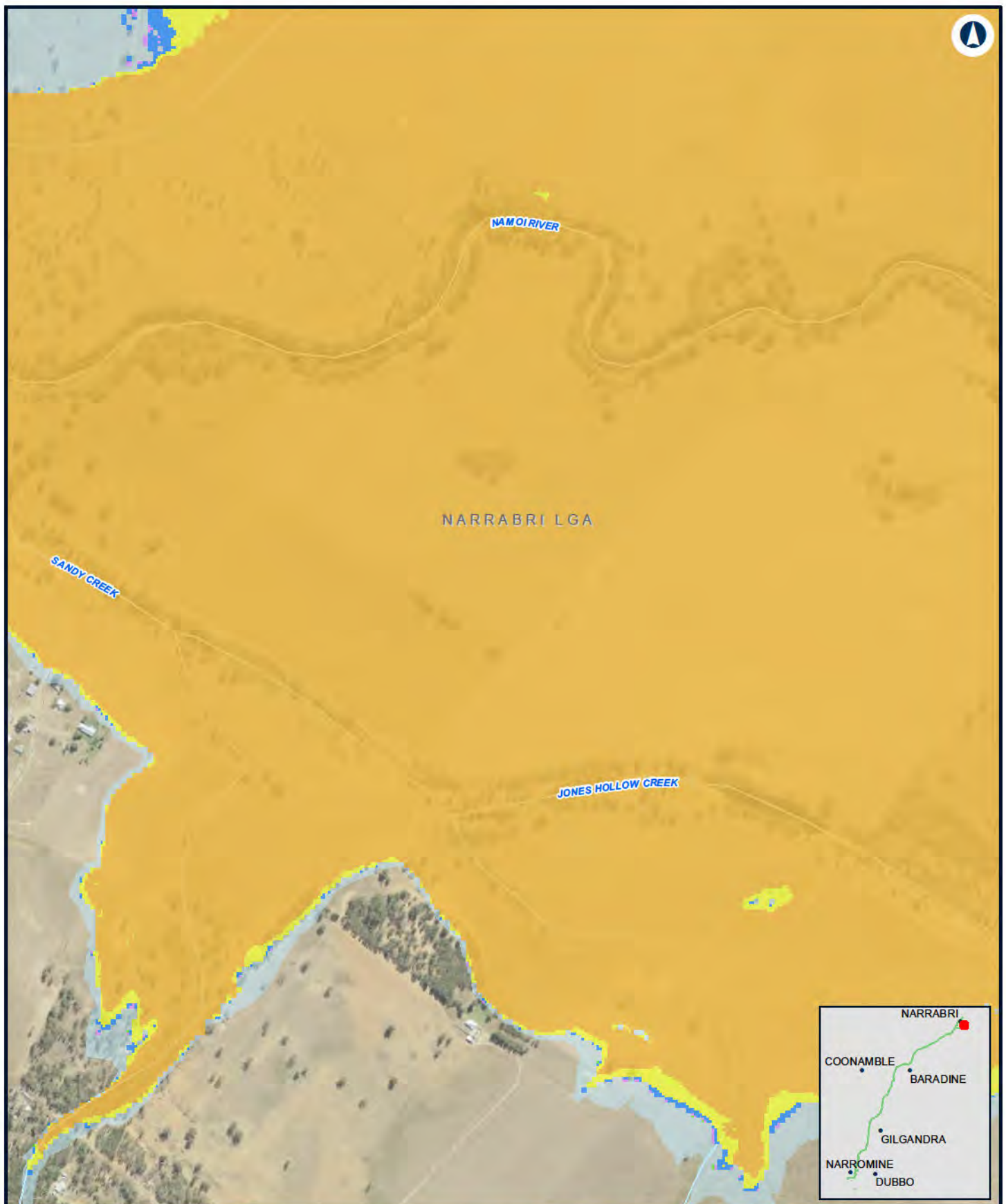
LEGEND

Duration (hrs)

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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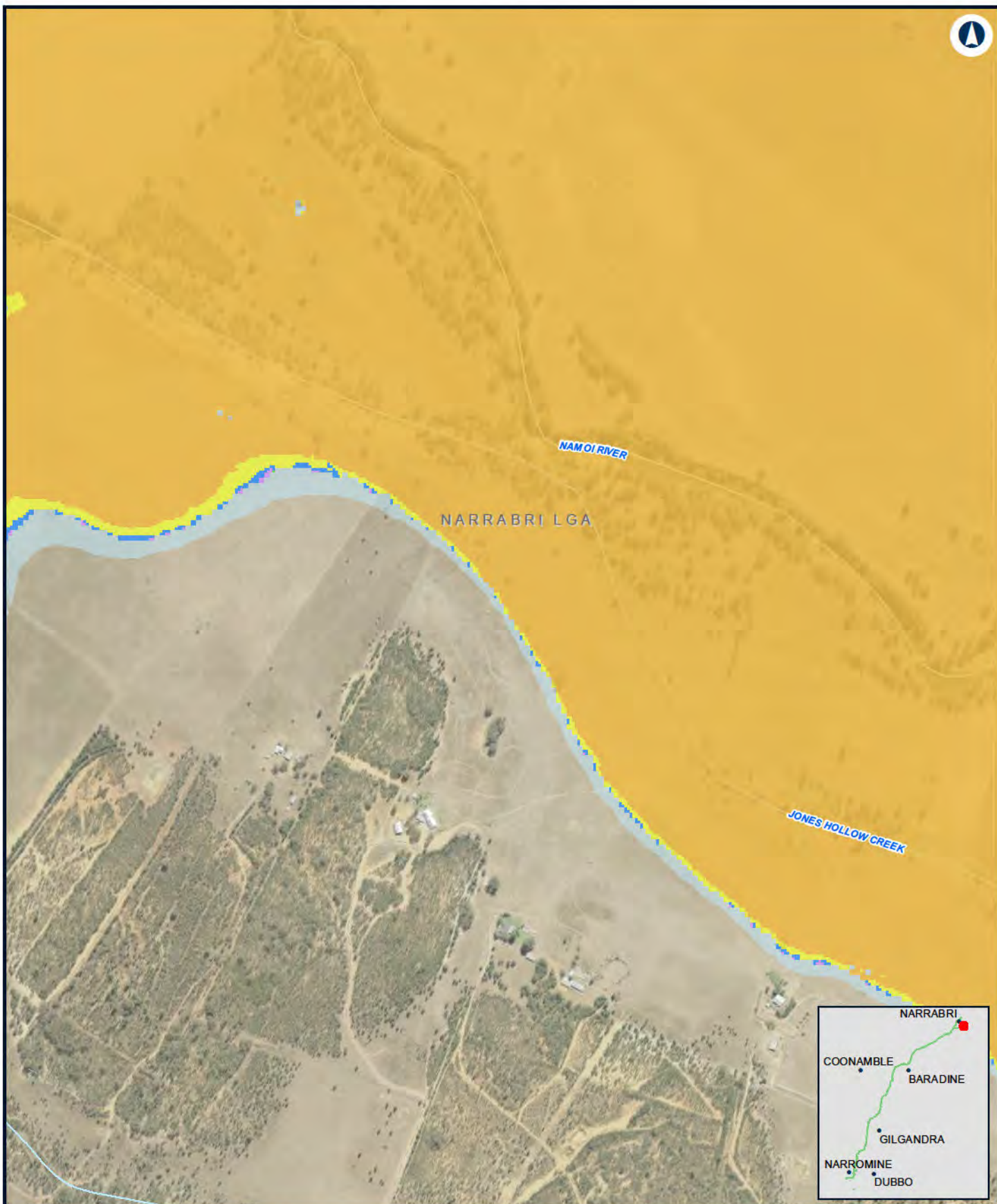
LEGEND

Duration (hrs)

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

**INLAND
RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.23

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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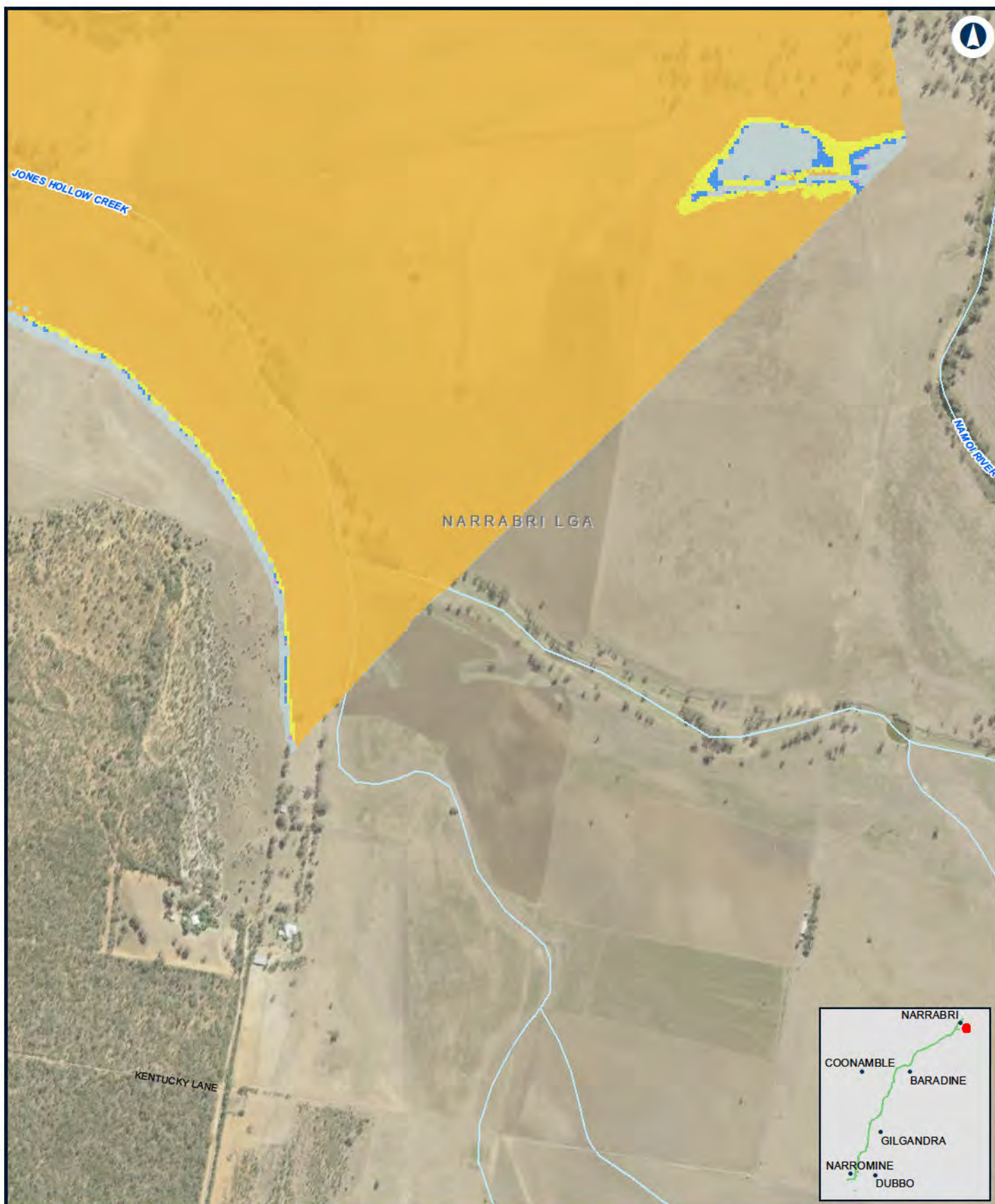
LEGEND

Duration (hrs)

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

**INLAND
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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.24

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

LEGEND

Duration (hrs)

3hrs - 6hrs

6hrs - 12hrs

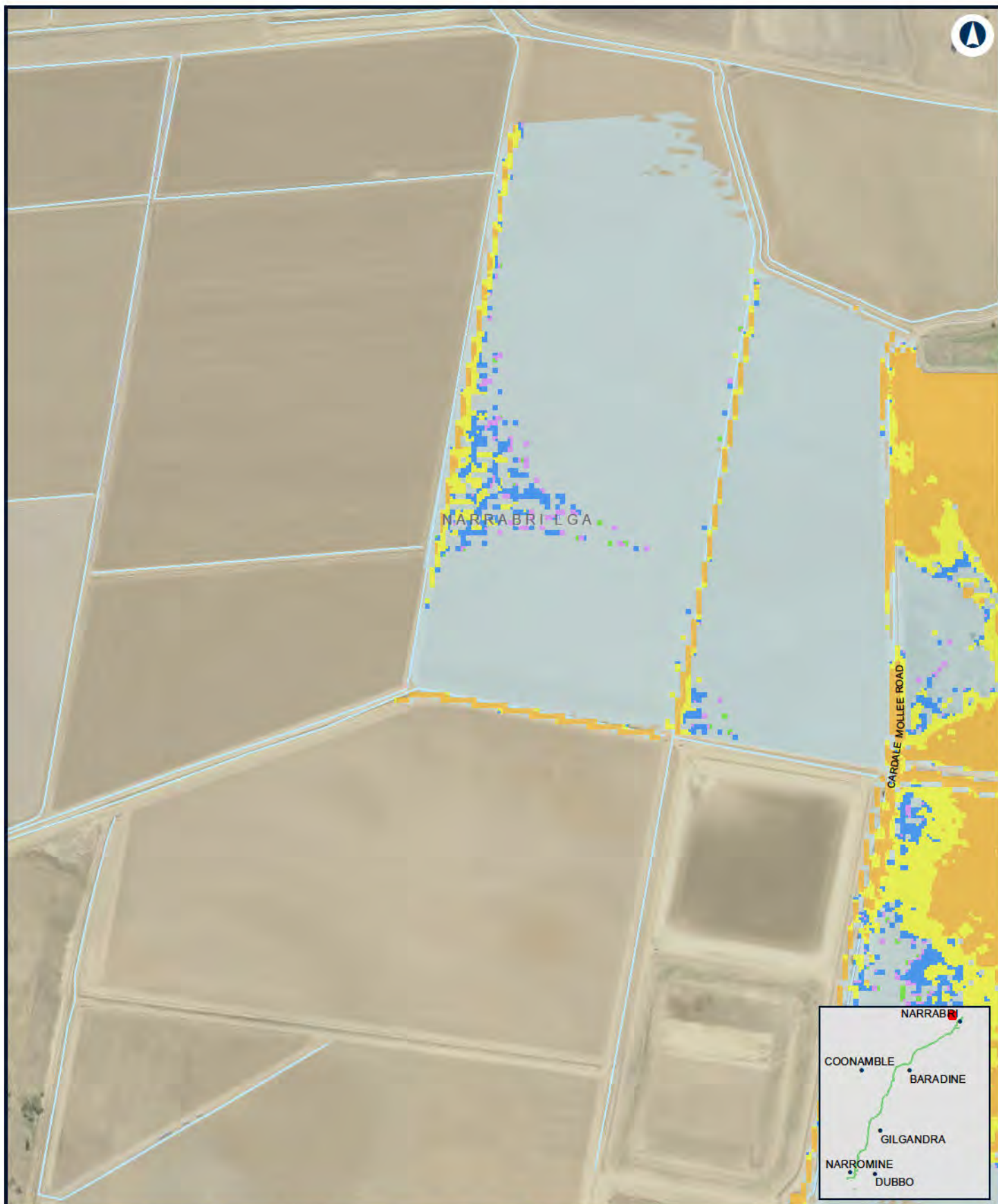
12hrs - 24hrs

> 24hrs

Flood extent

INLAND
RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.25

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

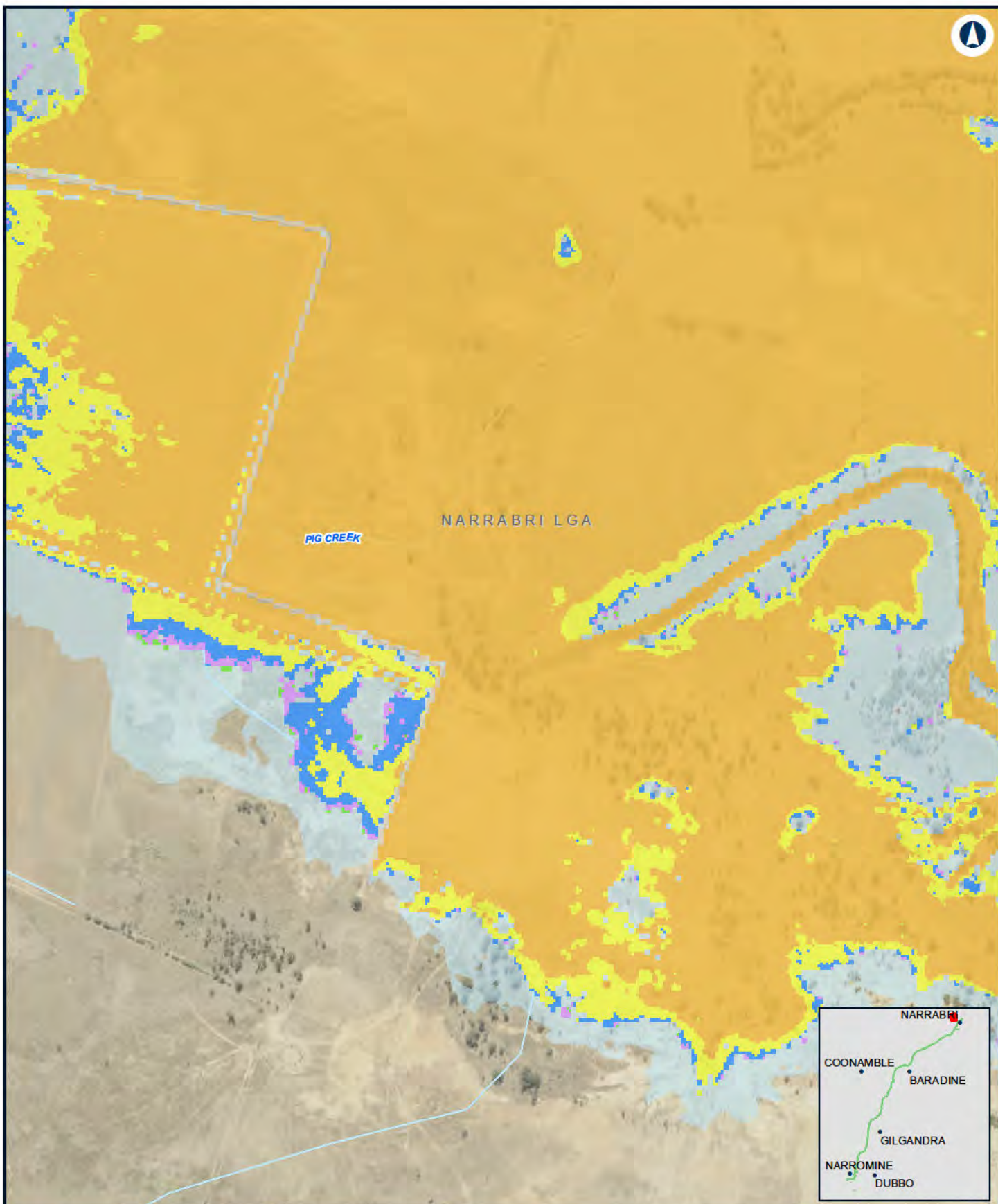
LEGEND

Duration (hrs)

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.26

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

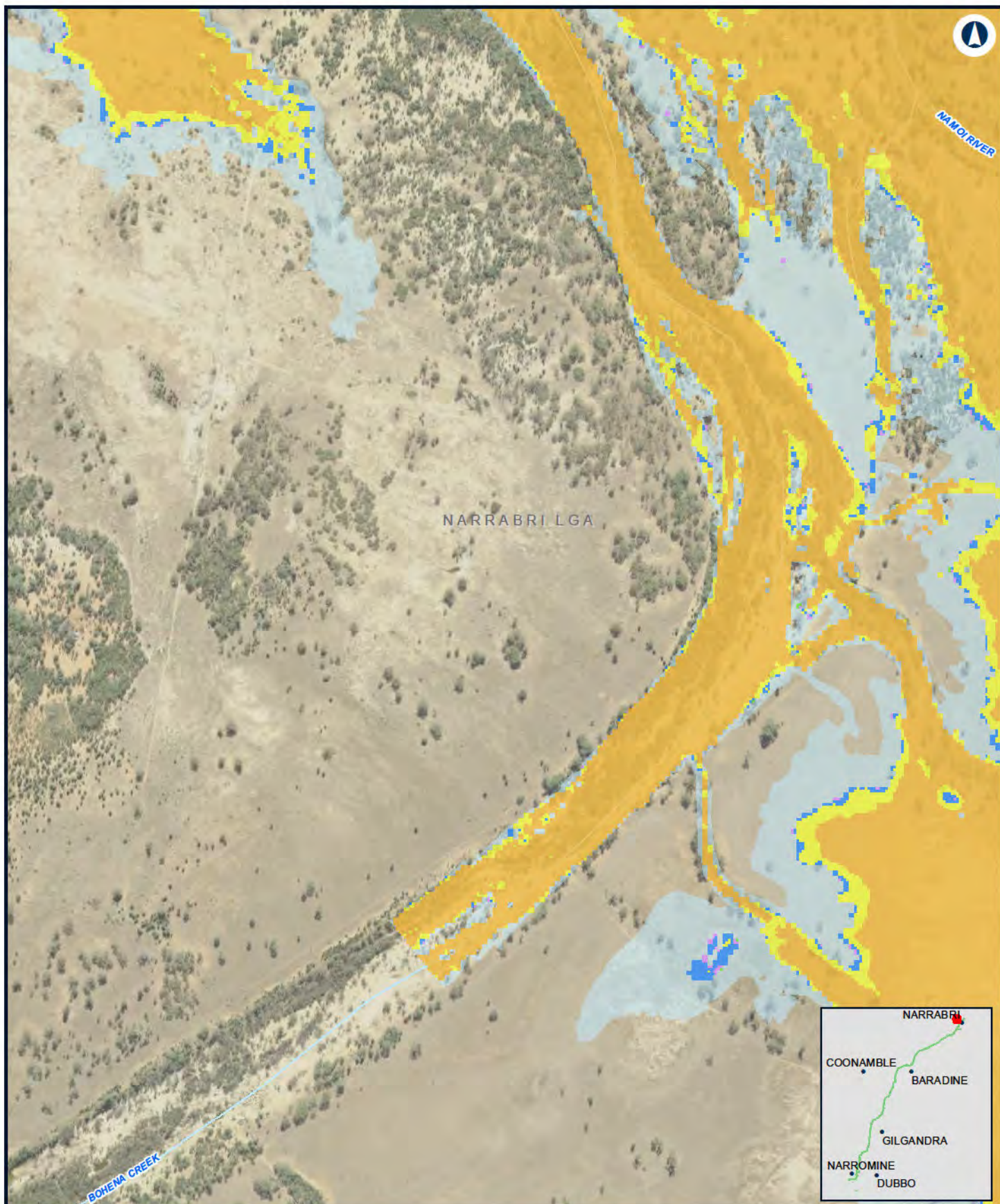
LEGEND

Duration (hrs)

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

**INLAND
RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.27

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**

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NARRABRI LGA

NAMOIR RIVER



NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.28

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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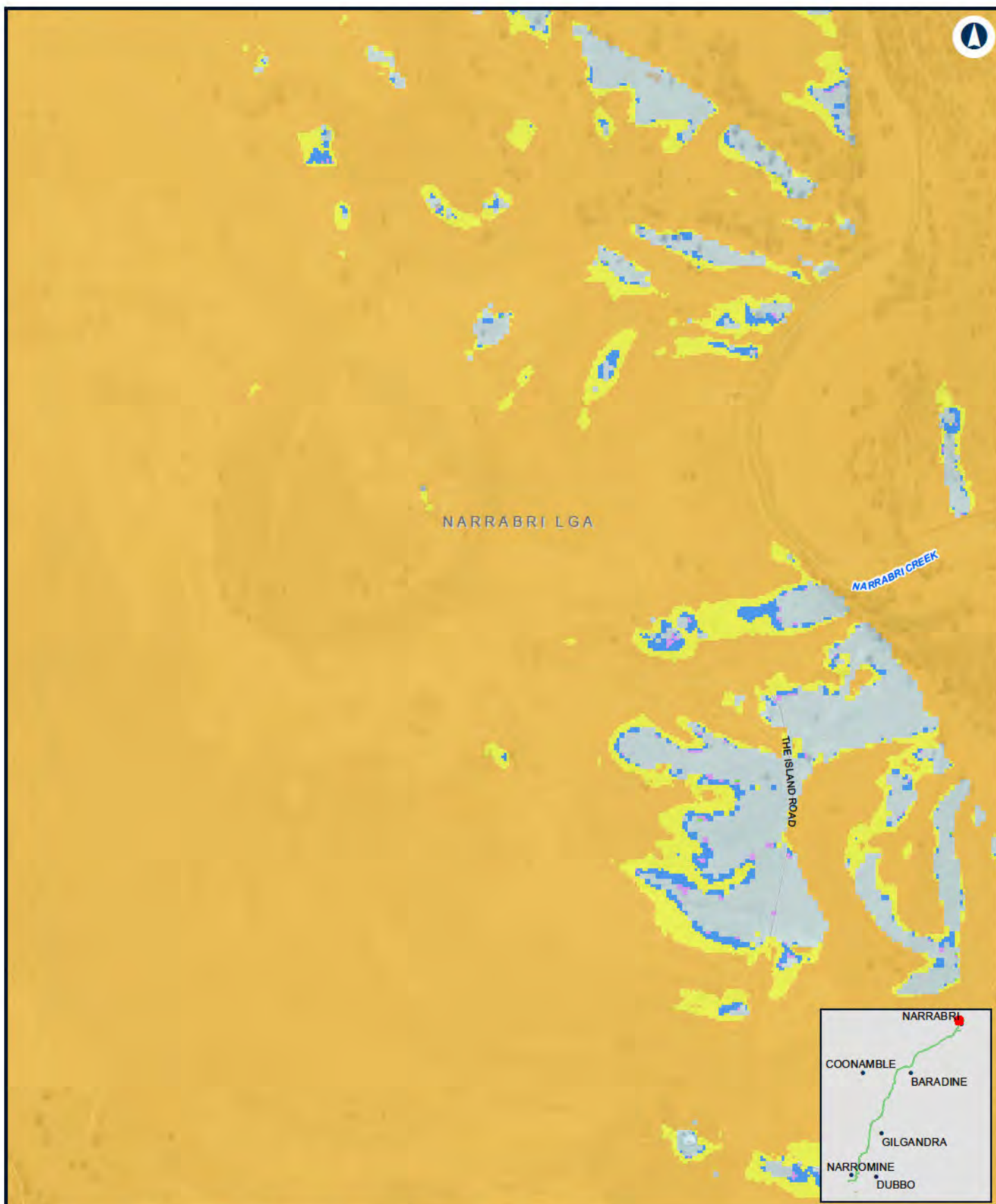
LEGEND

Duration (hrs)

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

**INLAND
RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.29

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

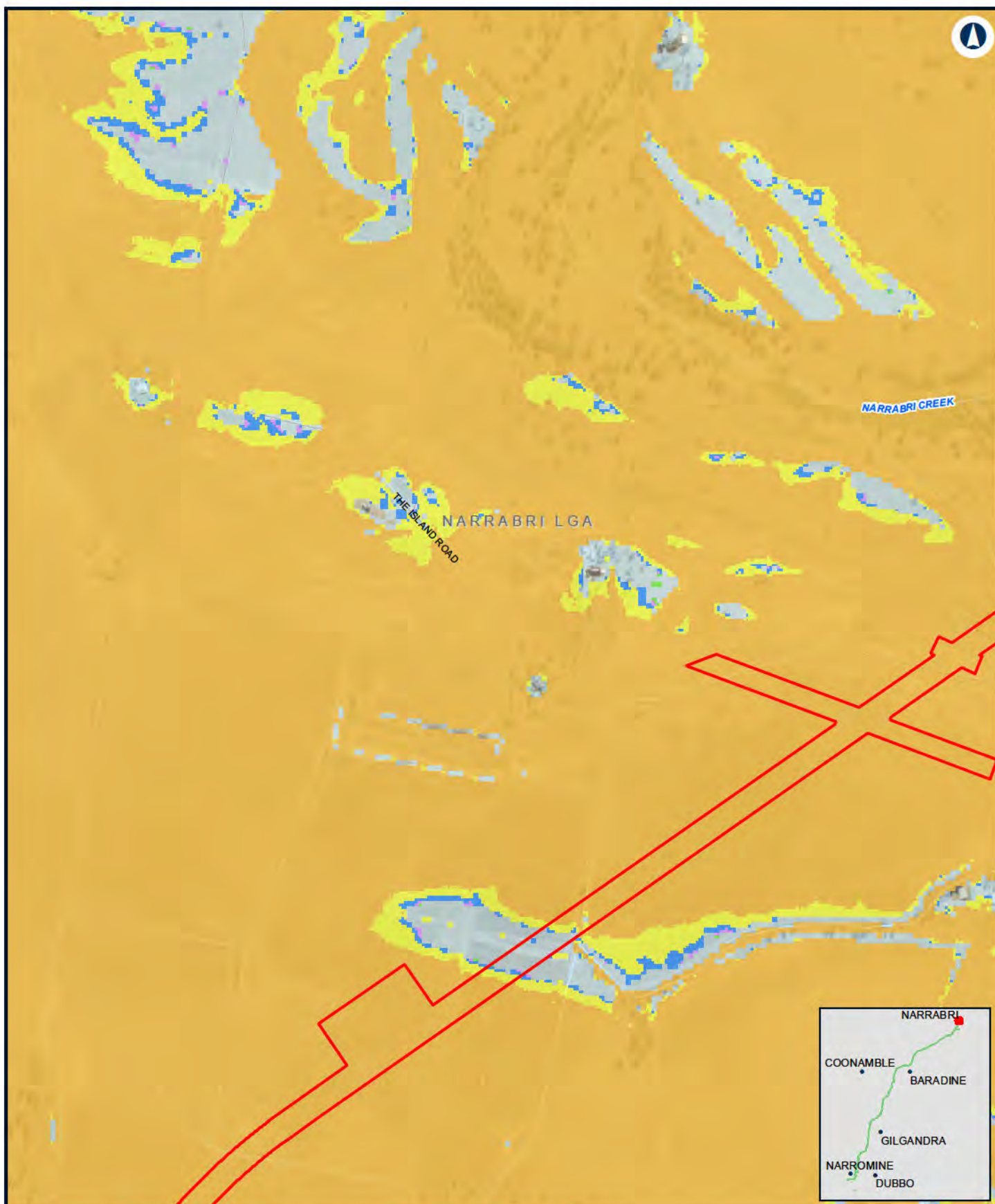
12hrs - 24hrs

> 24hrs

Flood extent

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.30

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD Scale: 1:7,163,937

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

LEGEND

 The proposal site

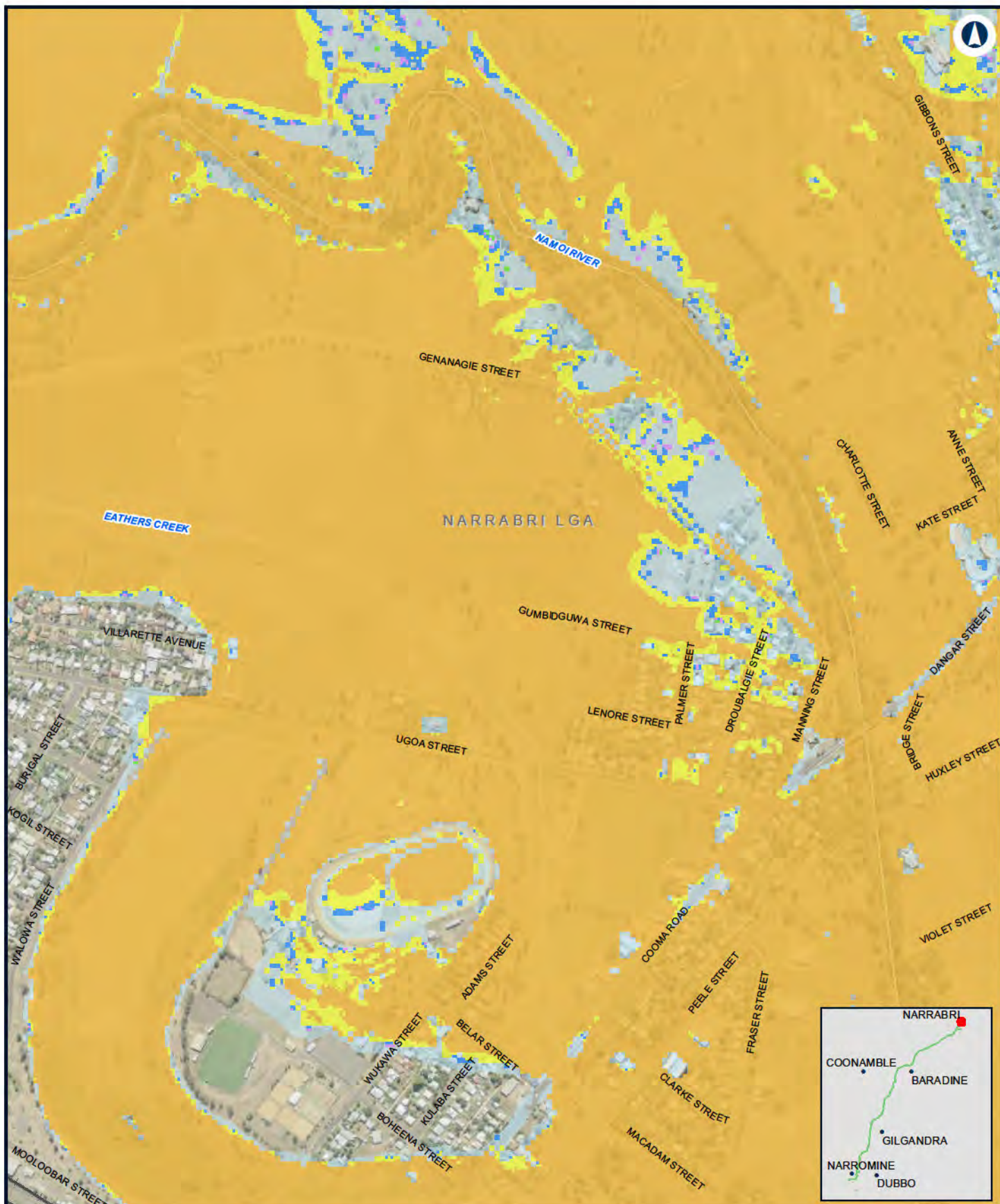
Duration (hrs)

- 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 Regional

Appendix A - Figure 1.31.31

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4
Scale: 1:7,163,937

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

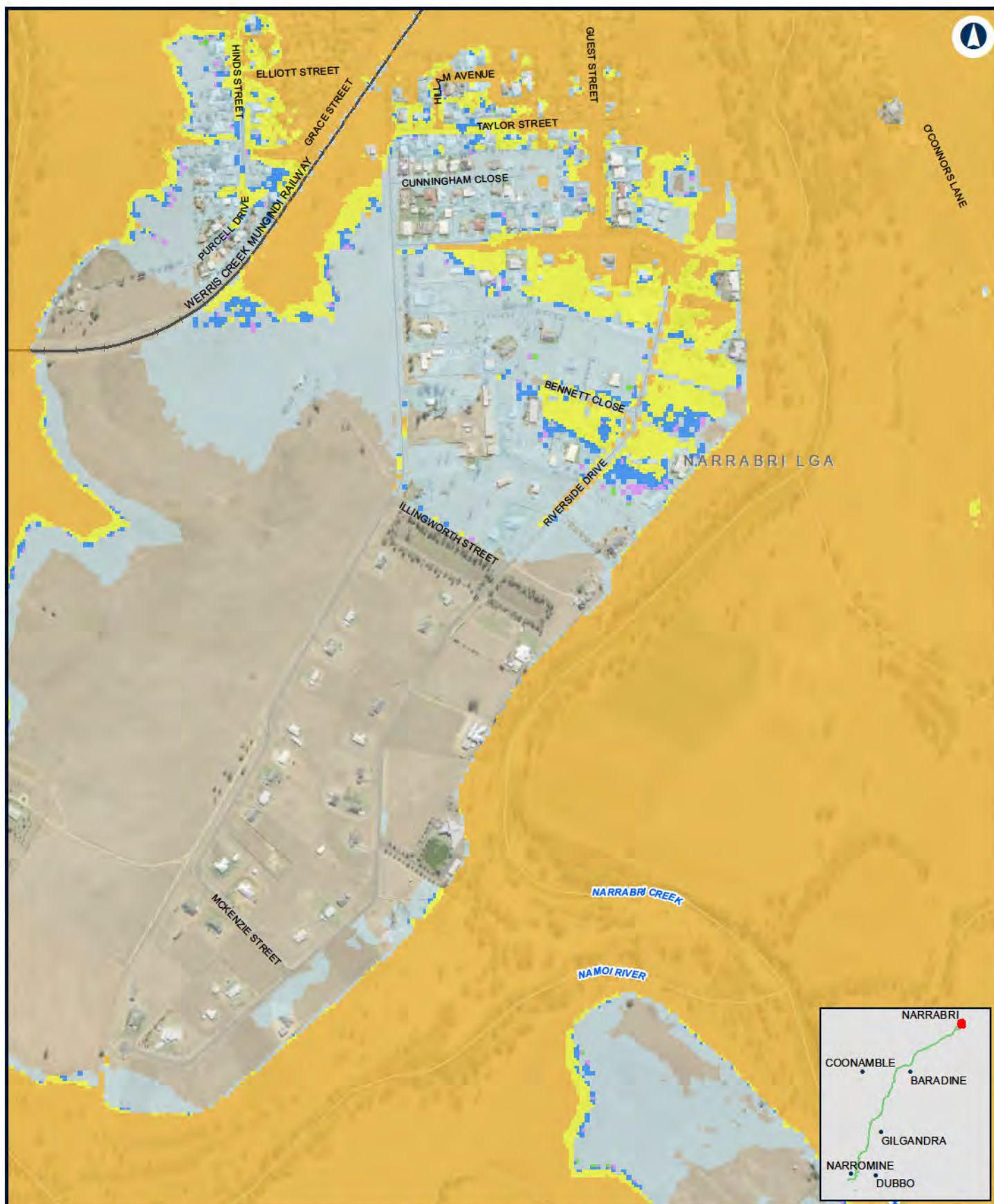
LEGEND

Duration (hrs)

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

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.32

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:7,163,937

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

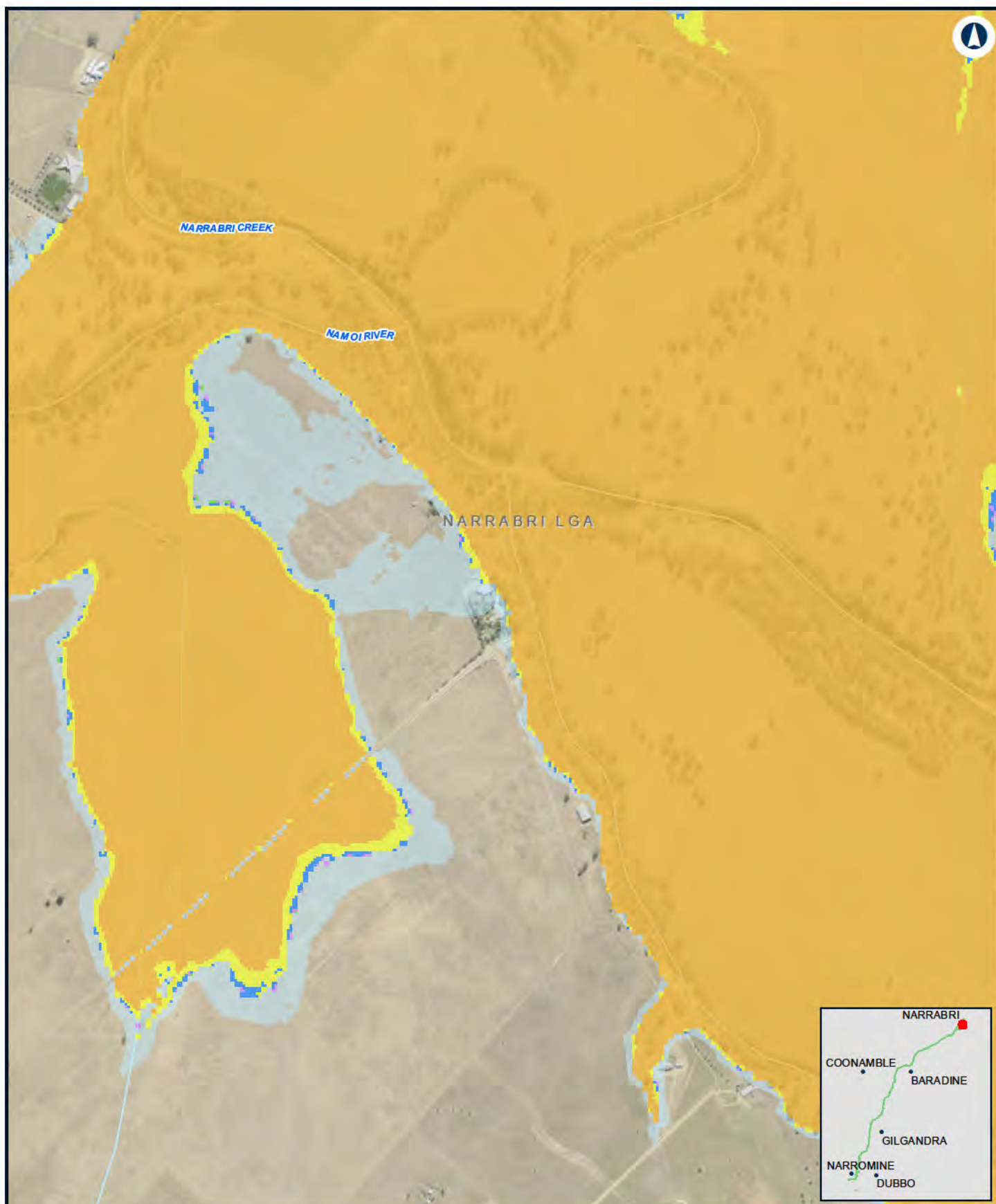
LEGEND

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 Regional

Appendix A - Figure 1.31.33

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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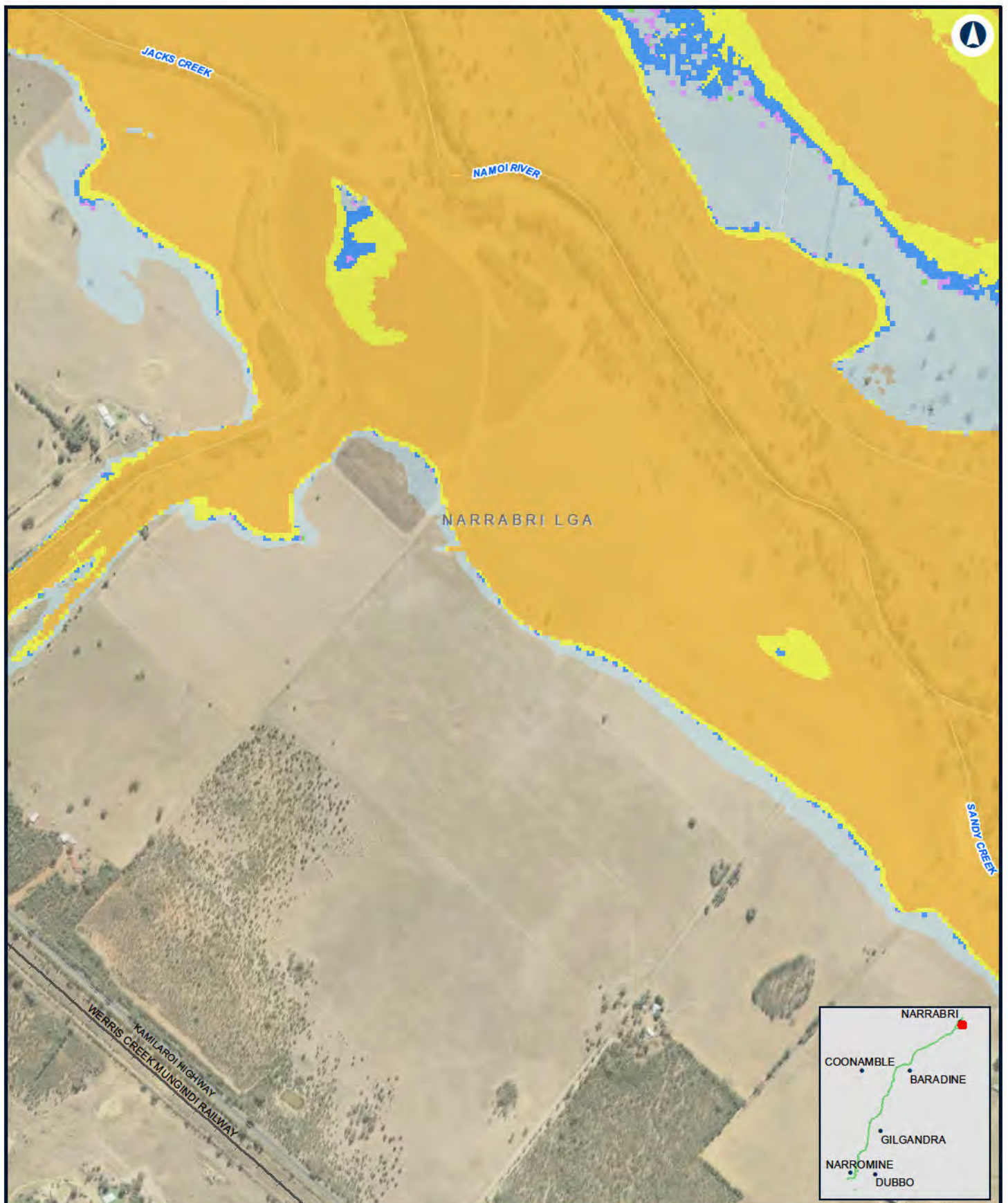
LEGEND

Duration (hrs)

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

**INLAND
RAIL** **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.34

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 Regional

Appendix A - Figure 1.31.35

0 0.1 0.2
Km

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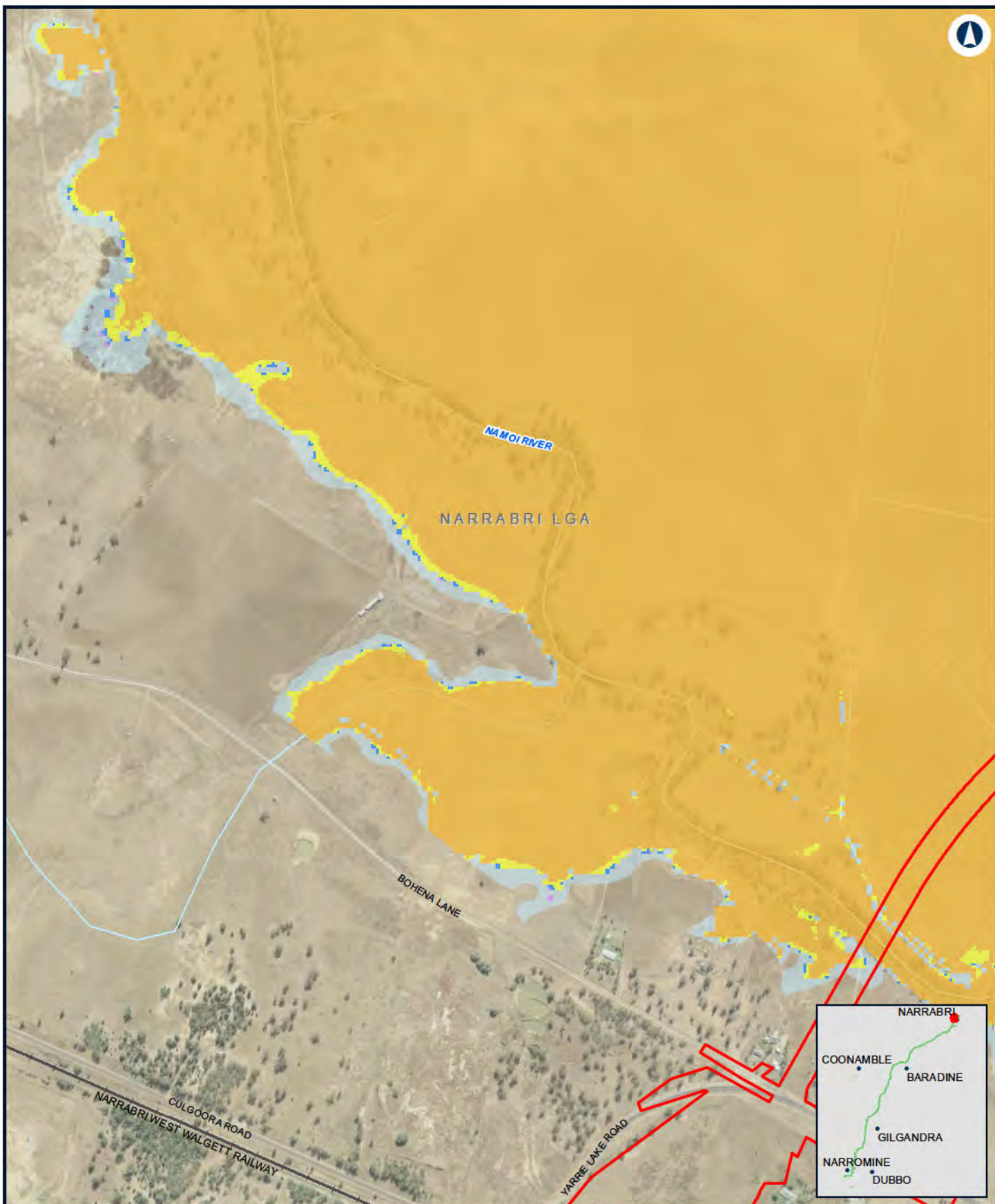
LEGEND

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 Regional

Appendix A - Figure 1.31.36

0 0.1 0.2
Km

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LEGEND

 The proposal site

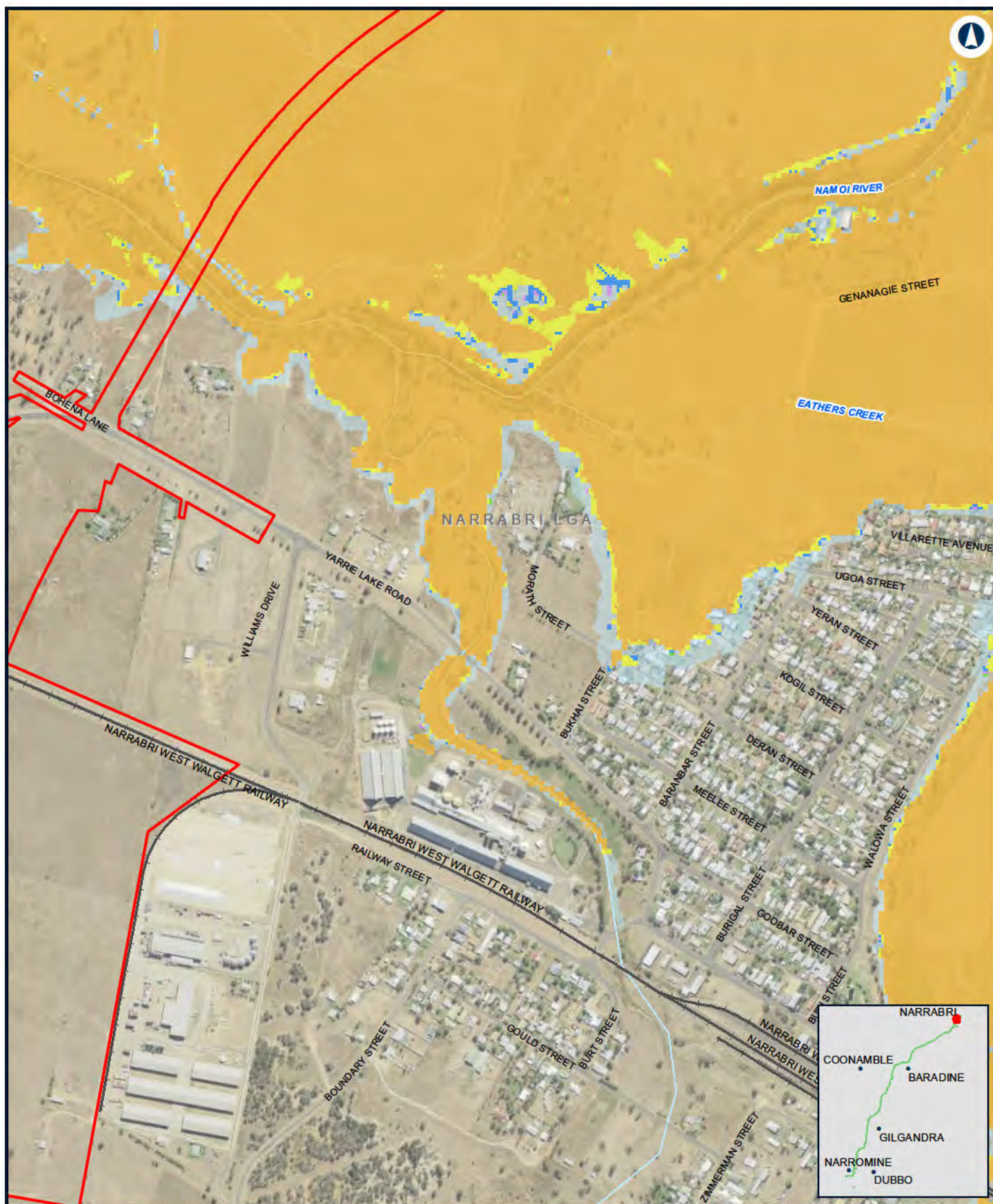
Duration (hrs)

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 Regional

Appendix A - Figure 1.31.37

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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LEGEND

 The proposal site

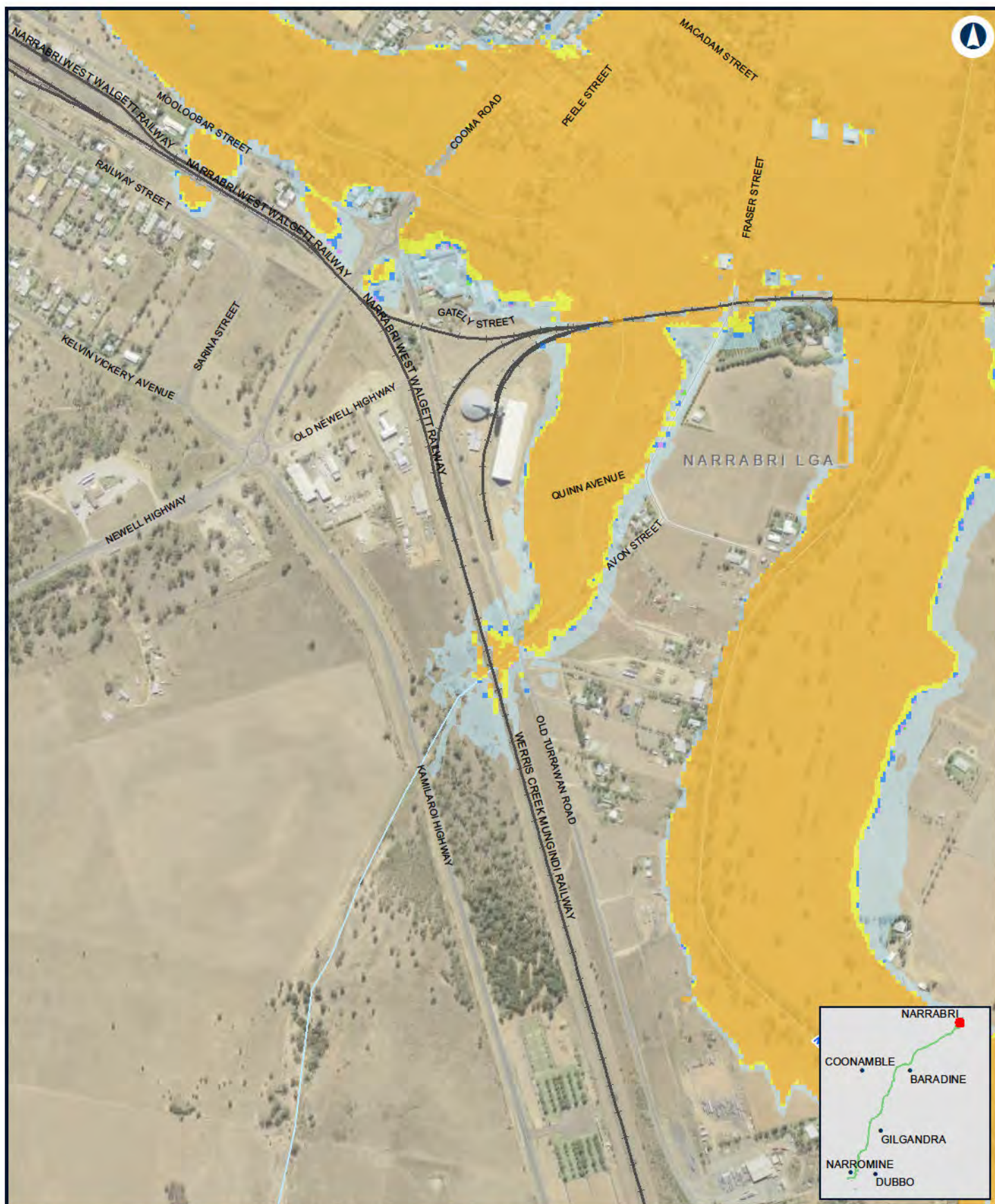
Duration (hrs)

- 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 Regional

Appendix A - Figure 1.31.38

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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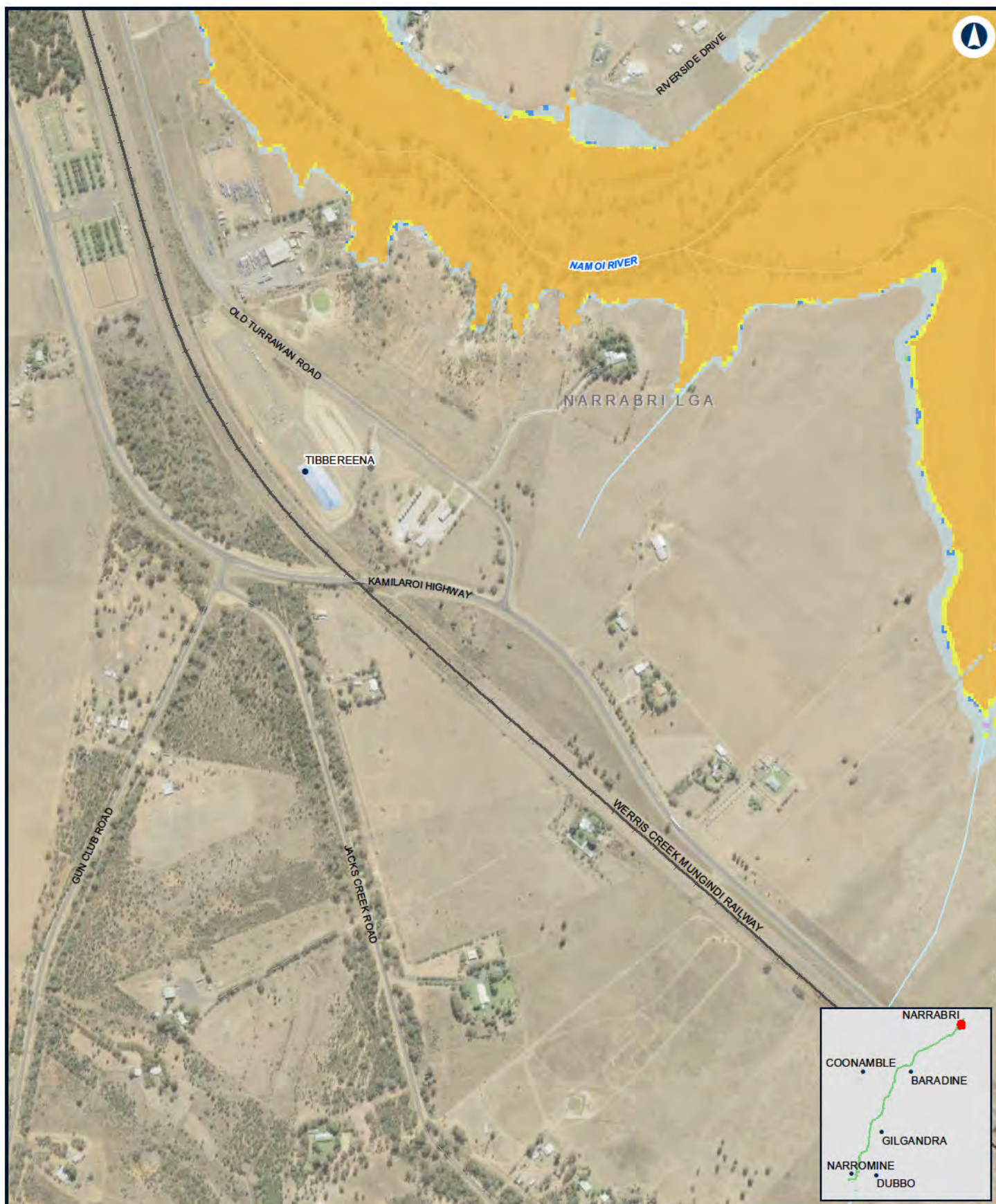
LEGEND

Duration (hrs)

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 2% AEP - Narrabri Regional

Appendix A - Figure 1.31.39

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:7,163,937

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 Regional

Appendix A - Figure 1.31.40

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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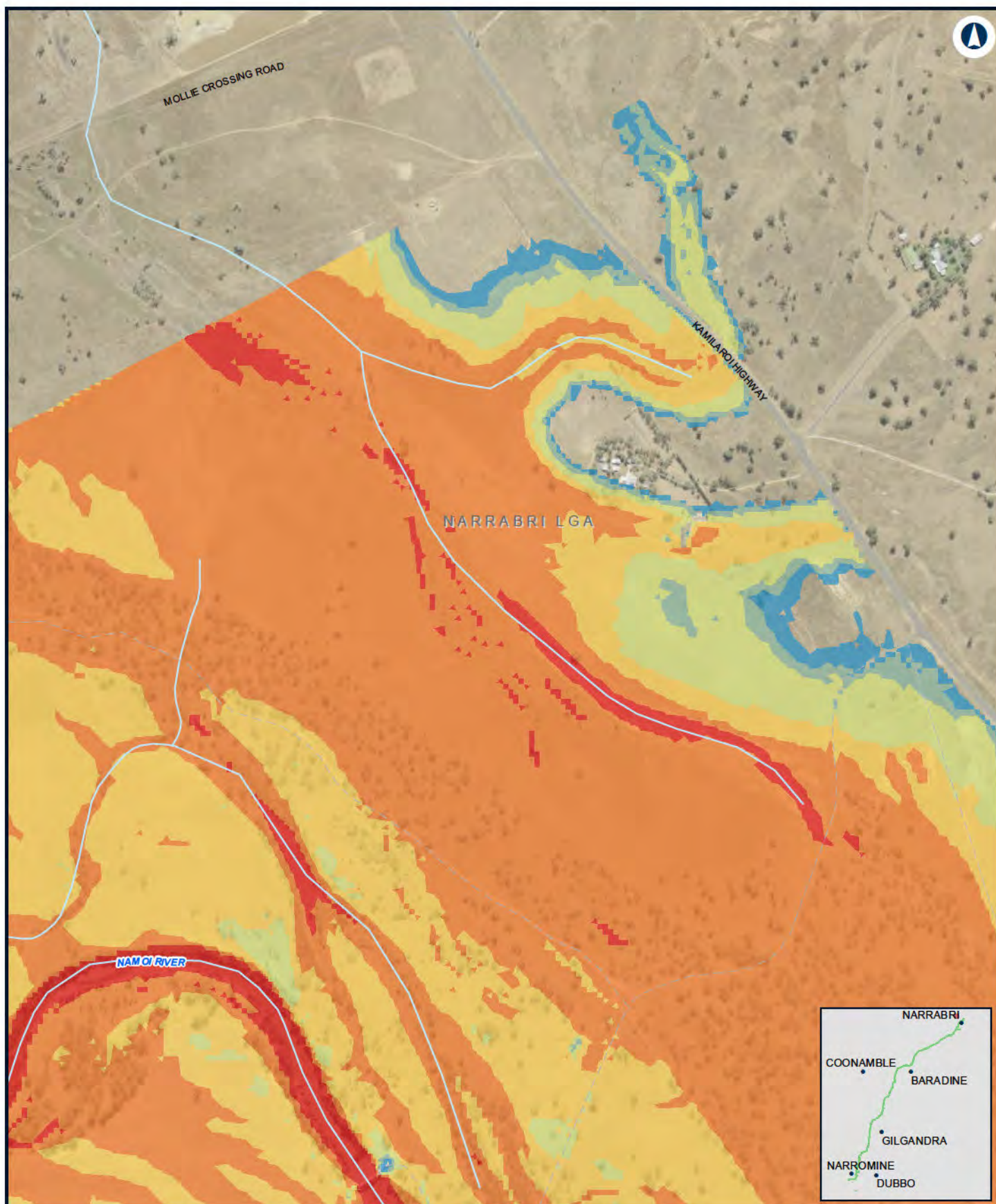
LEGEND

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 Regional

Appendix A - Figure 1.32.1

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: 1:7,163,937

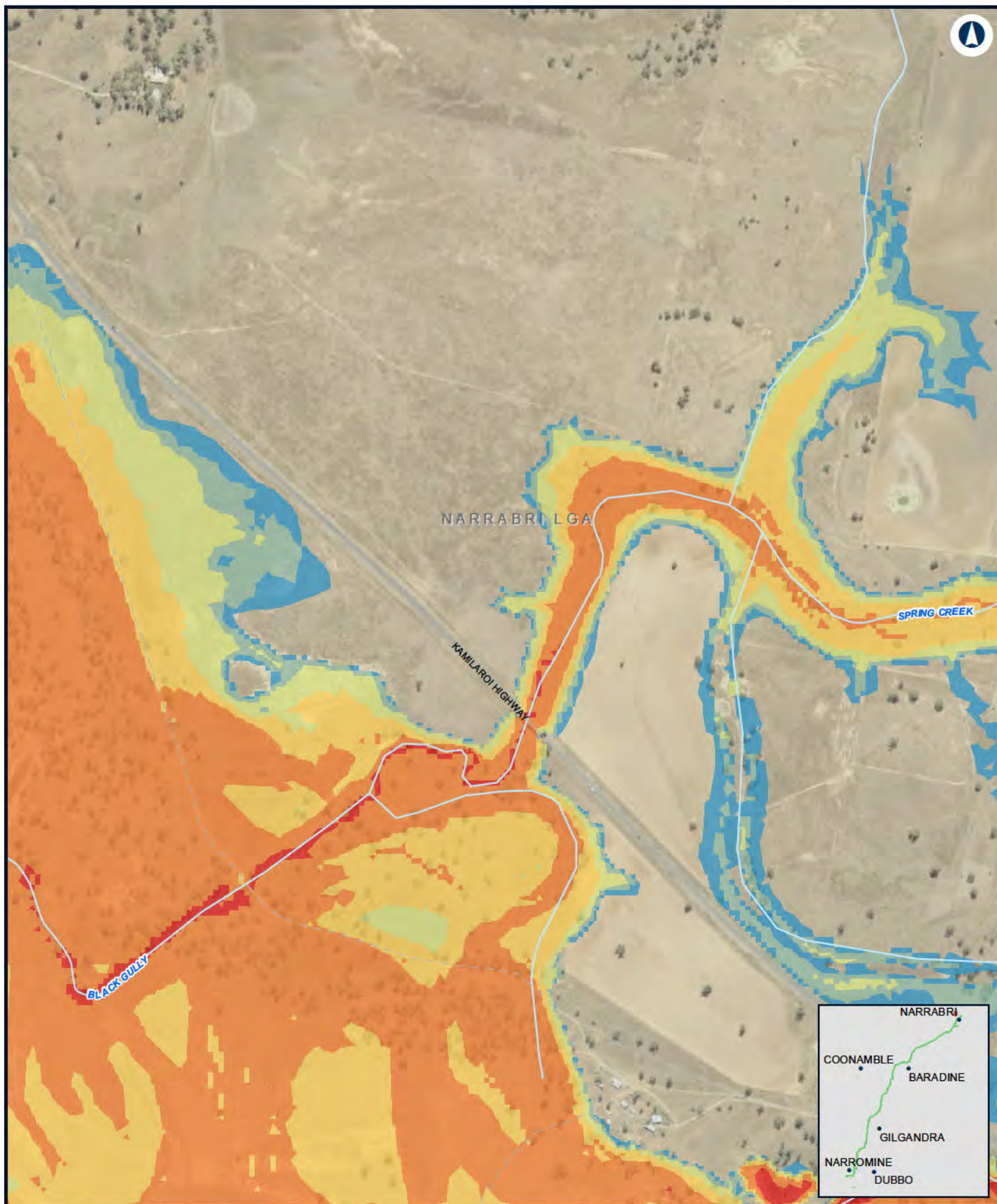
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

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 flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.2

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: 1:7,163,937

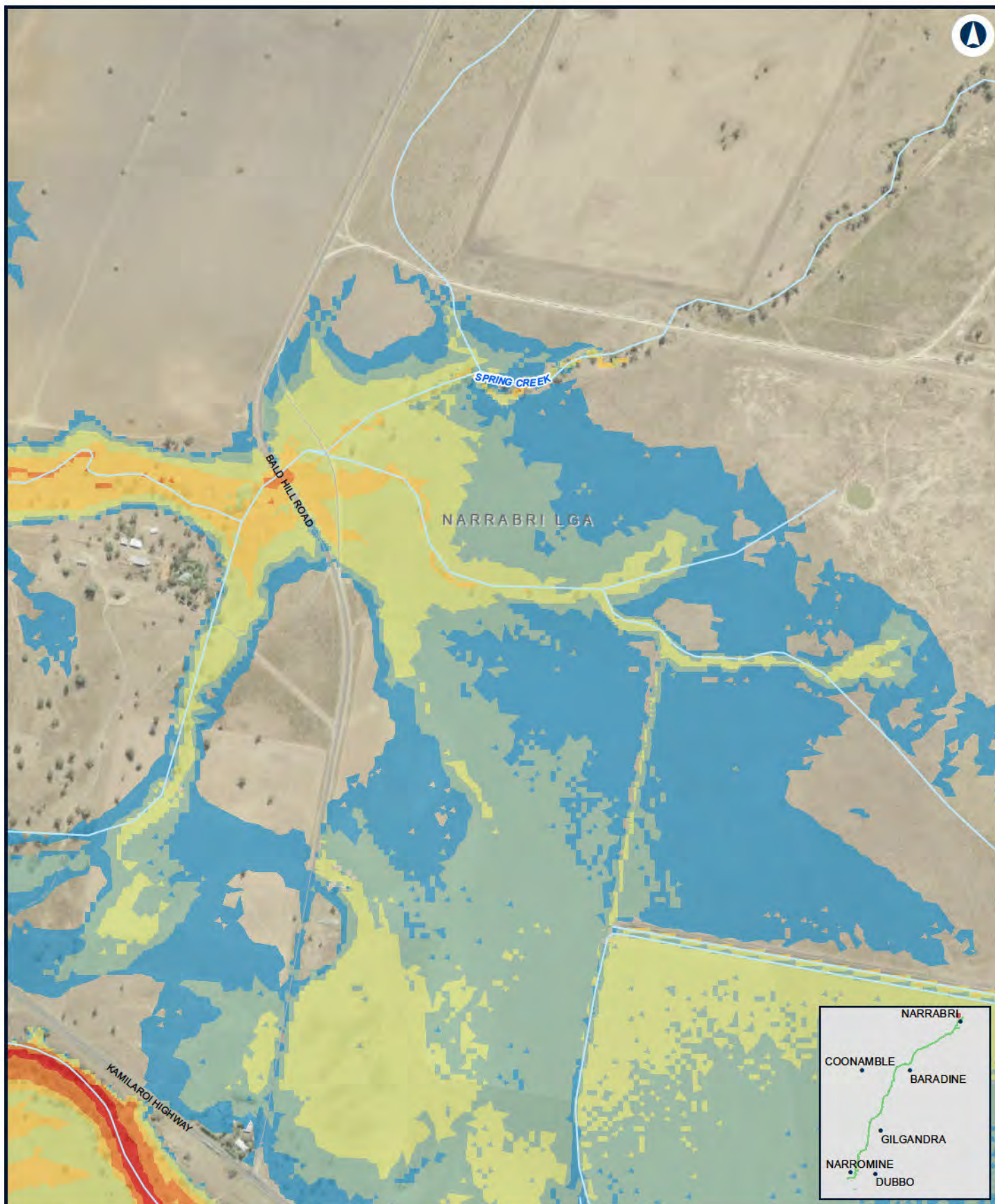
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.3

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: 1:7,163,937

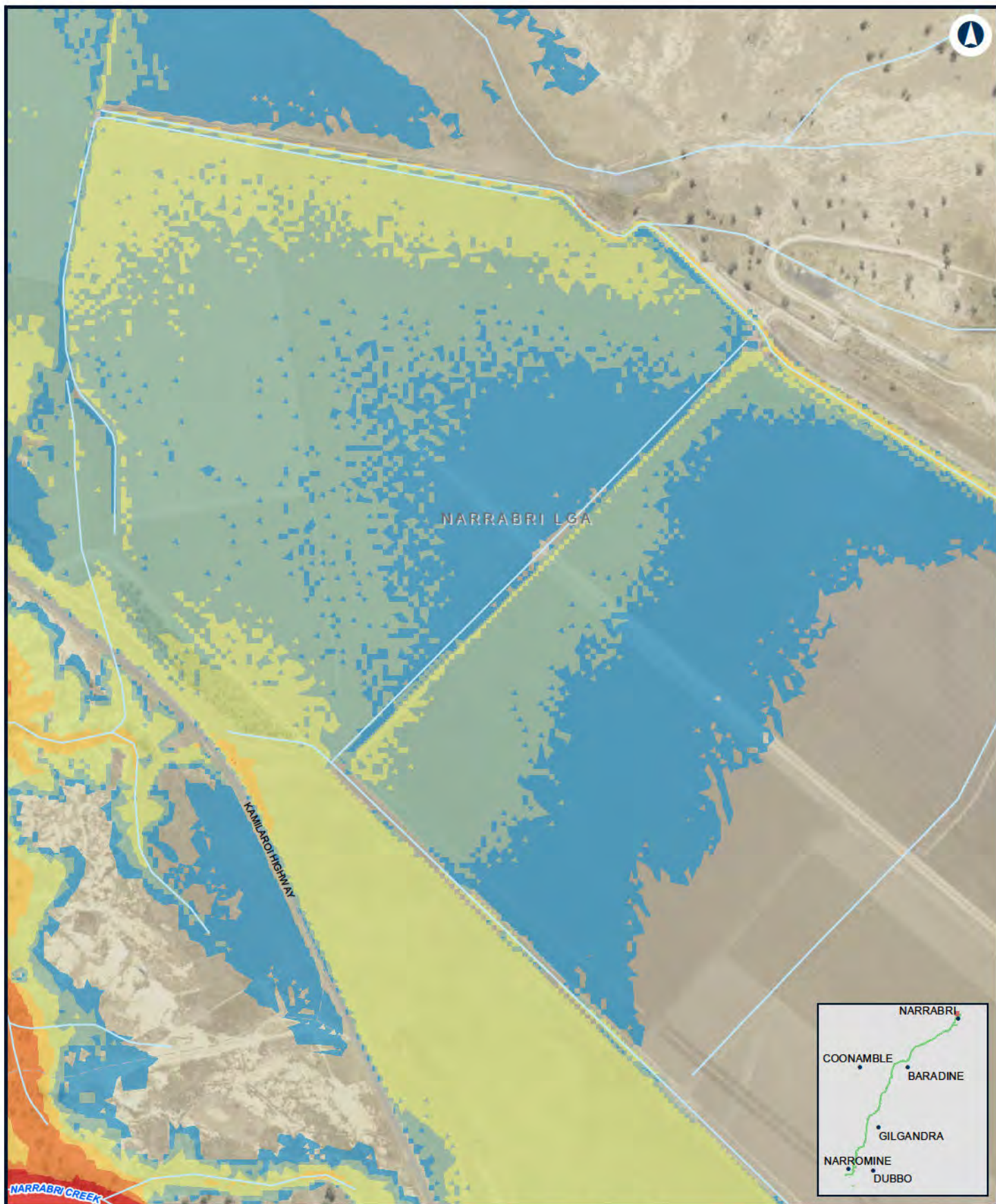
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.4

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: 1:7,163,937

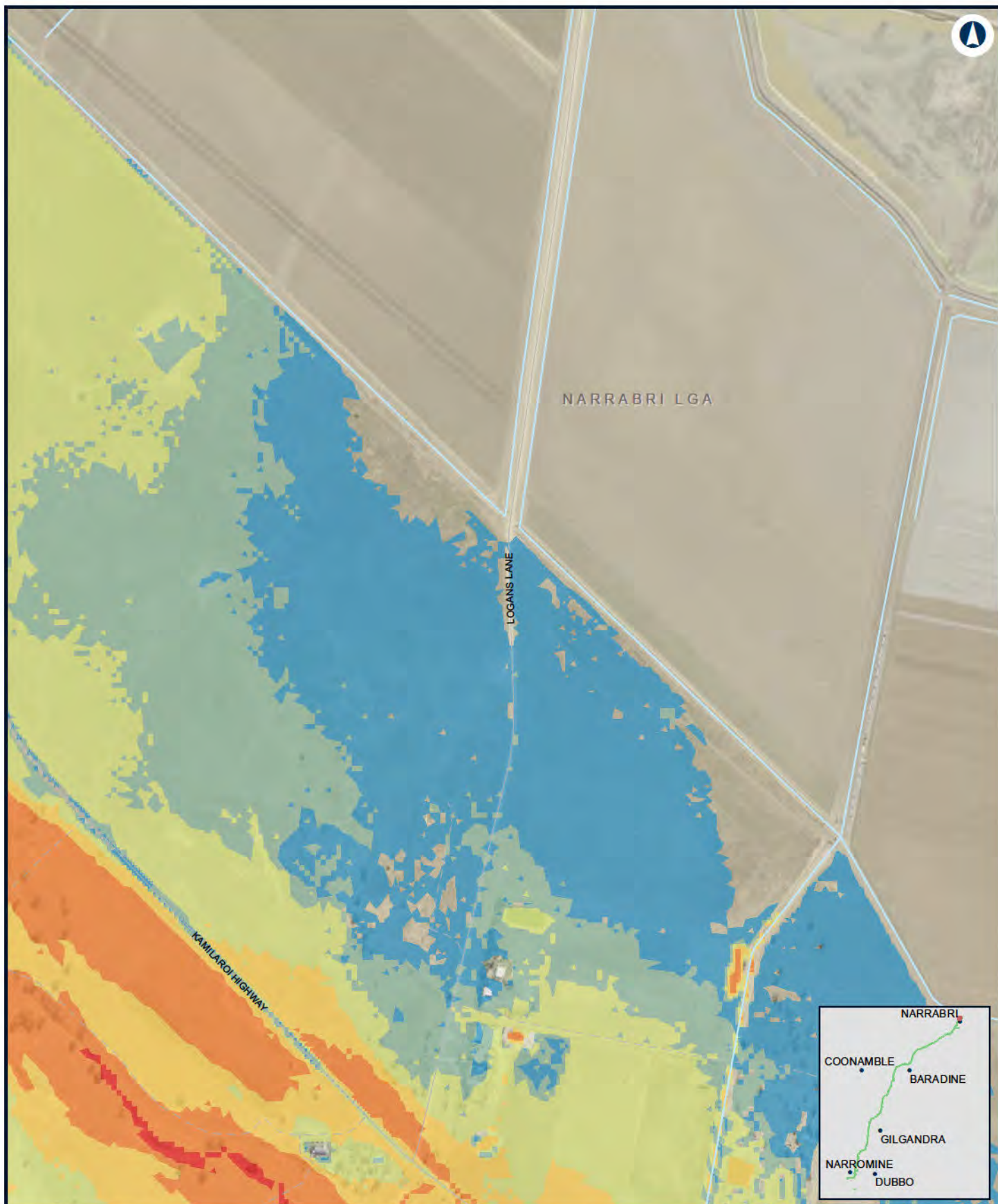
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.5

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: 1:7,163,937

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

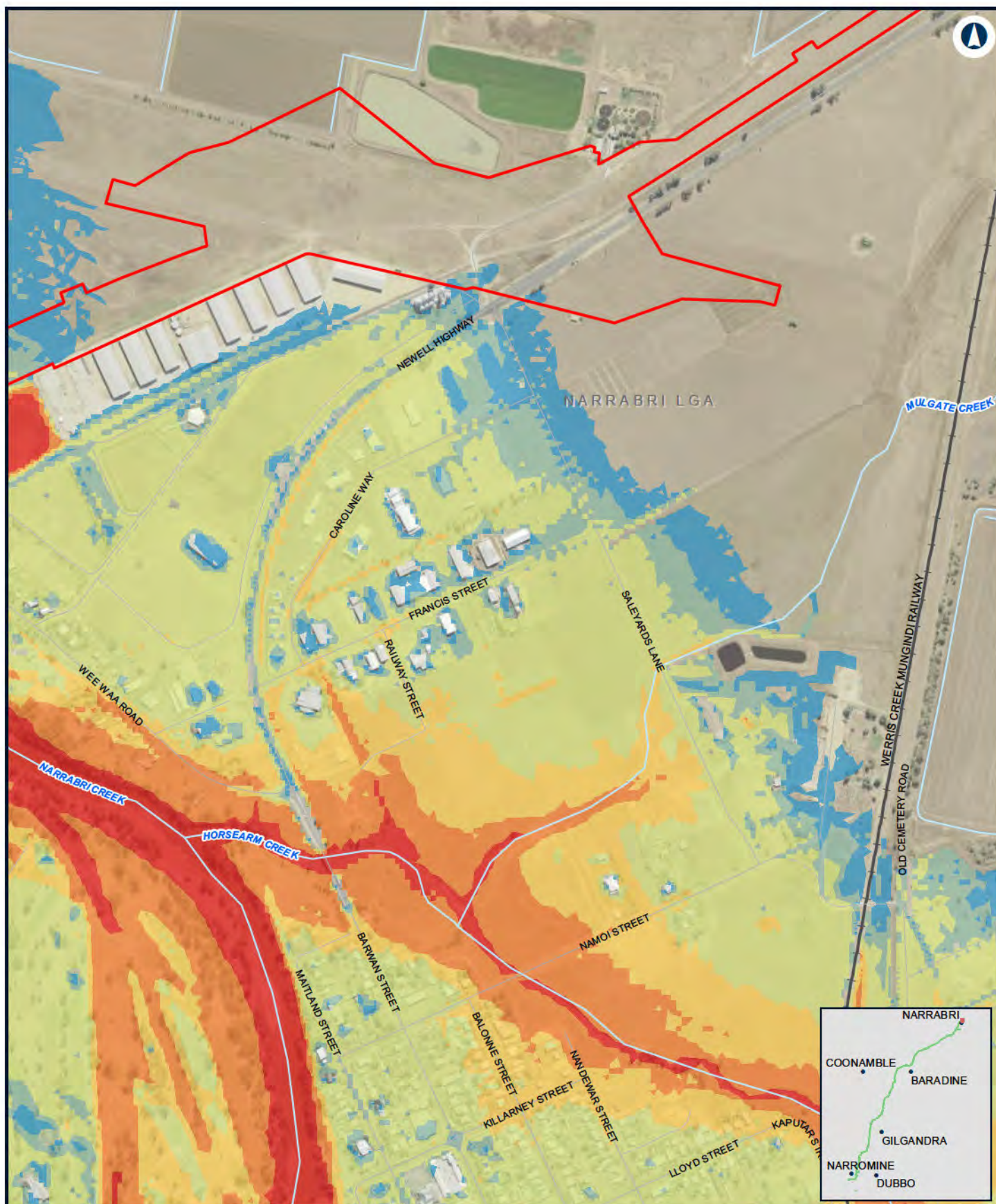
LEGEND

- 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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ARTC

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.6

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: 1:7,163,937

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.7

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: 1:7,163,937

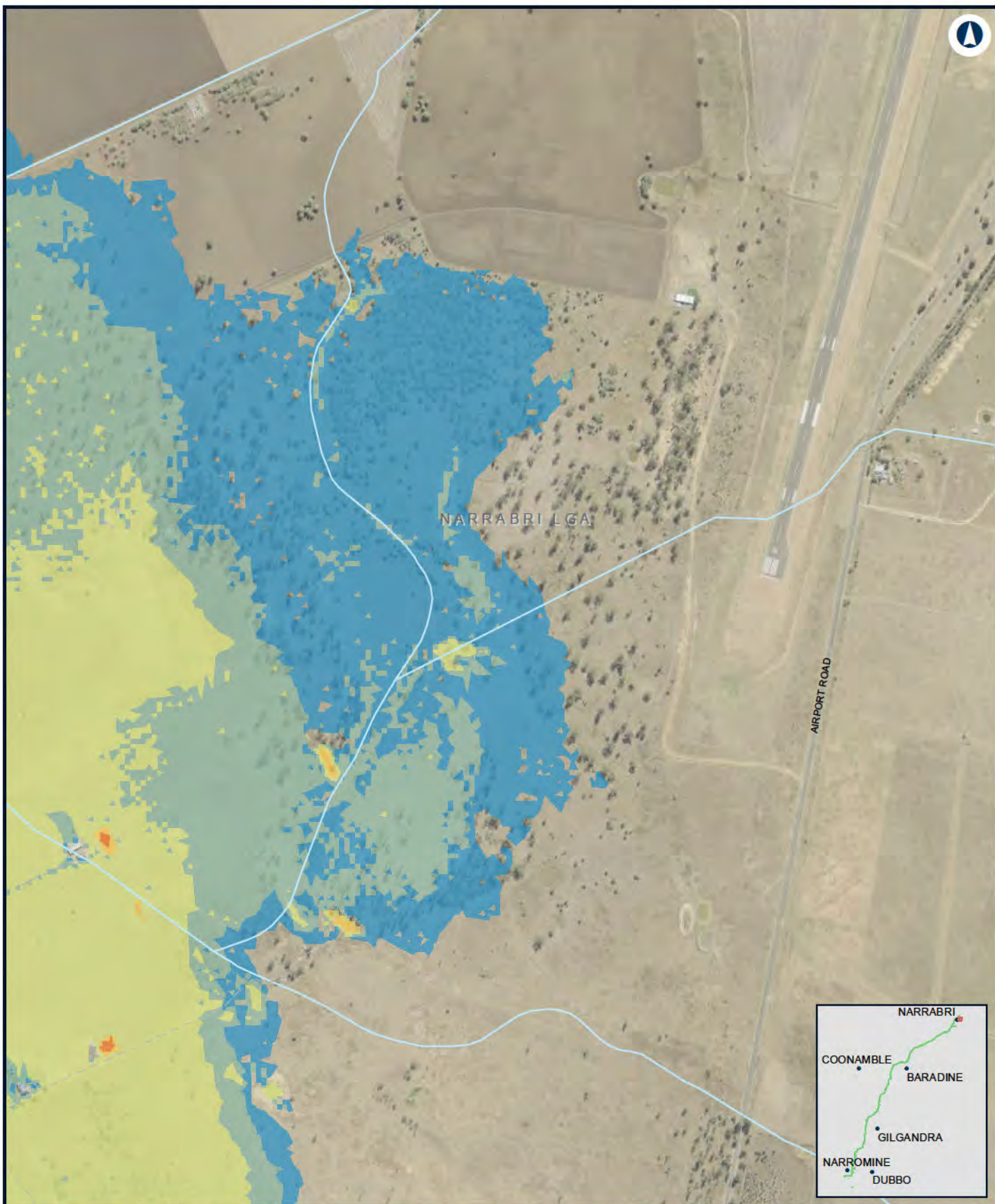
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.8

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: 1:7,163,937

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

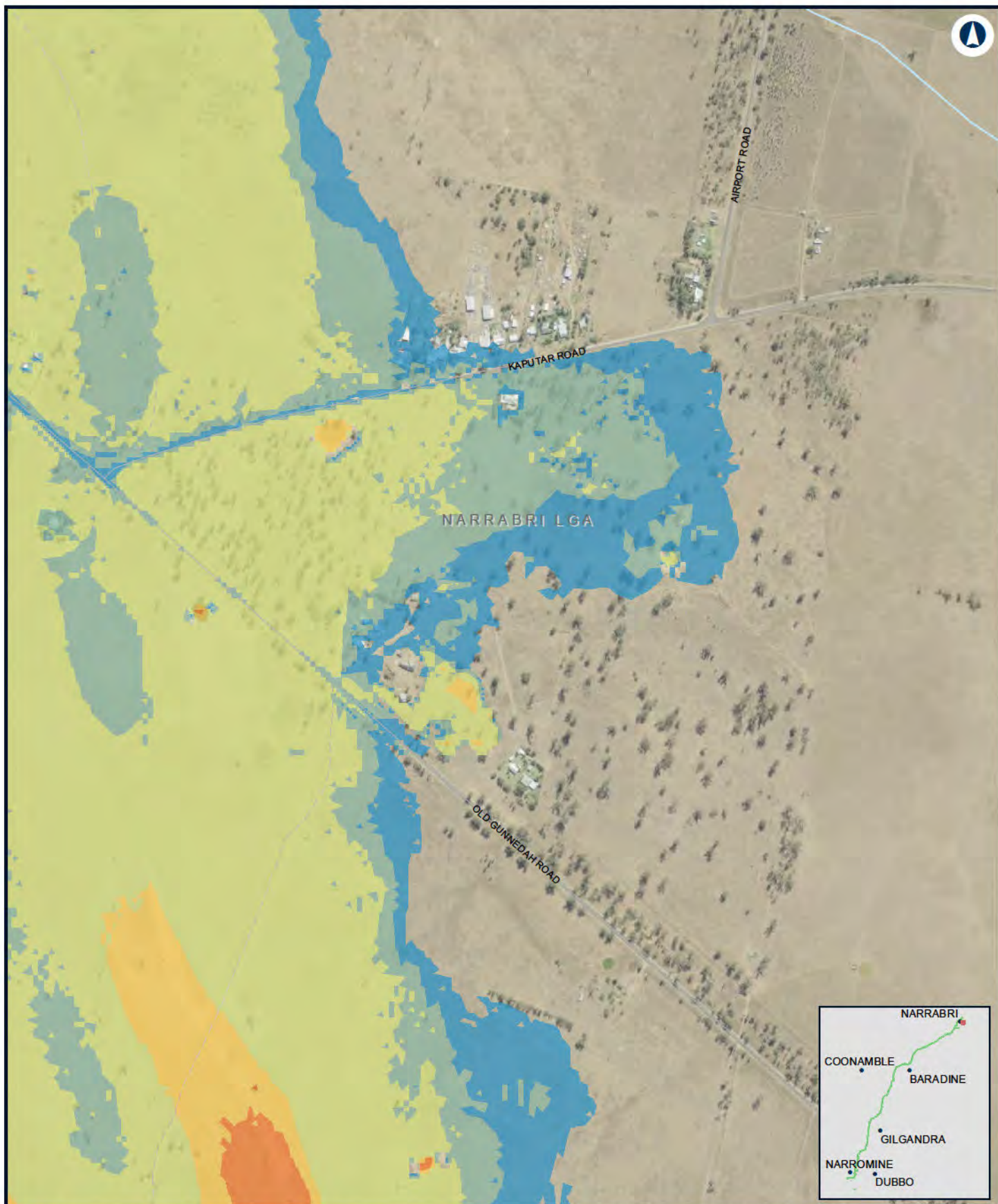
LEGEND

- 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
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NARRABRI TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.9

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: 1:7,163,937

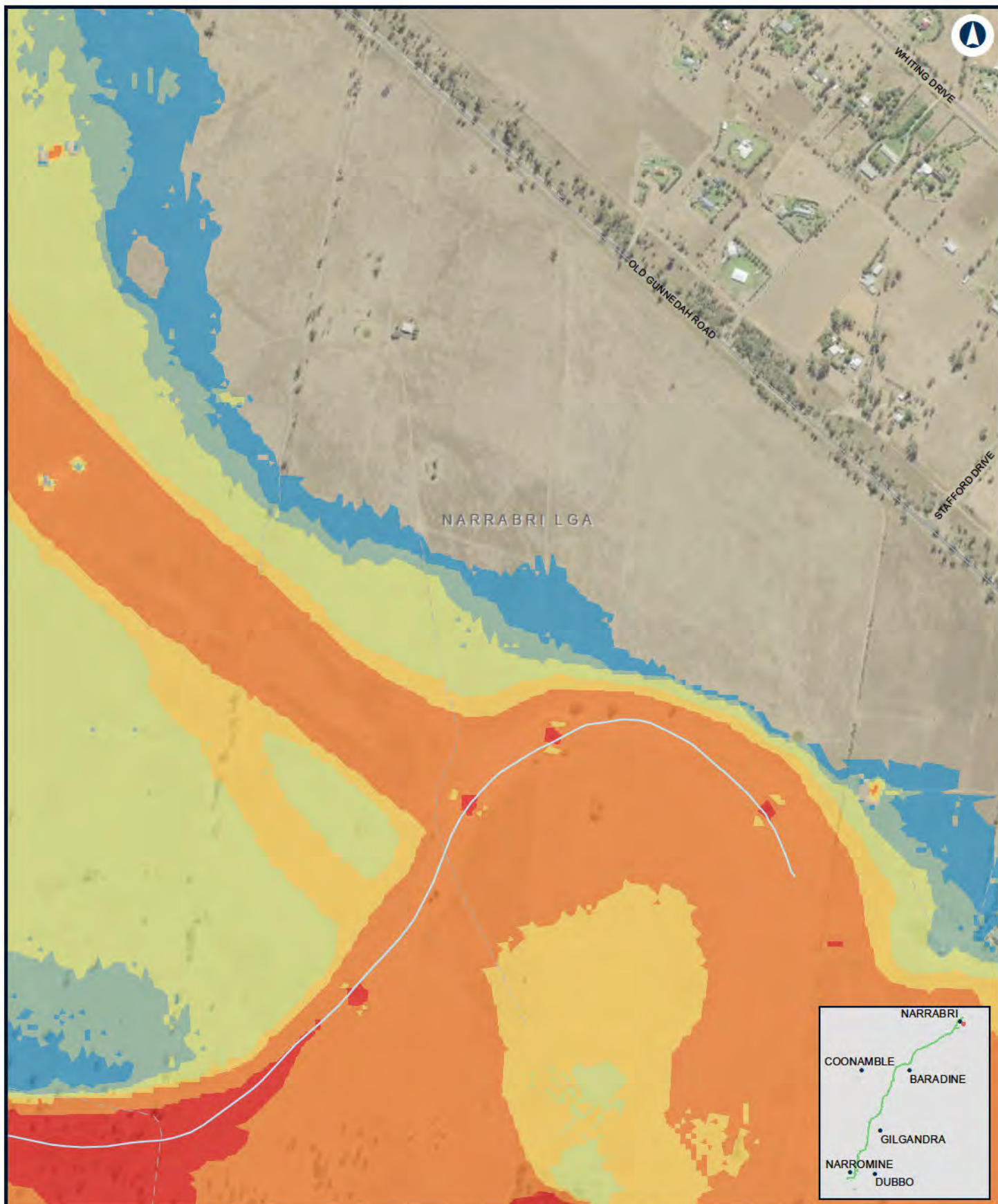
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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 Regional

Appendix A - Figure 1.32.10

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: 1:7,163,937

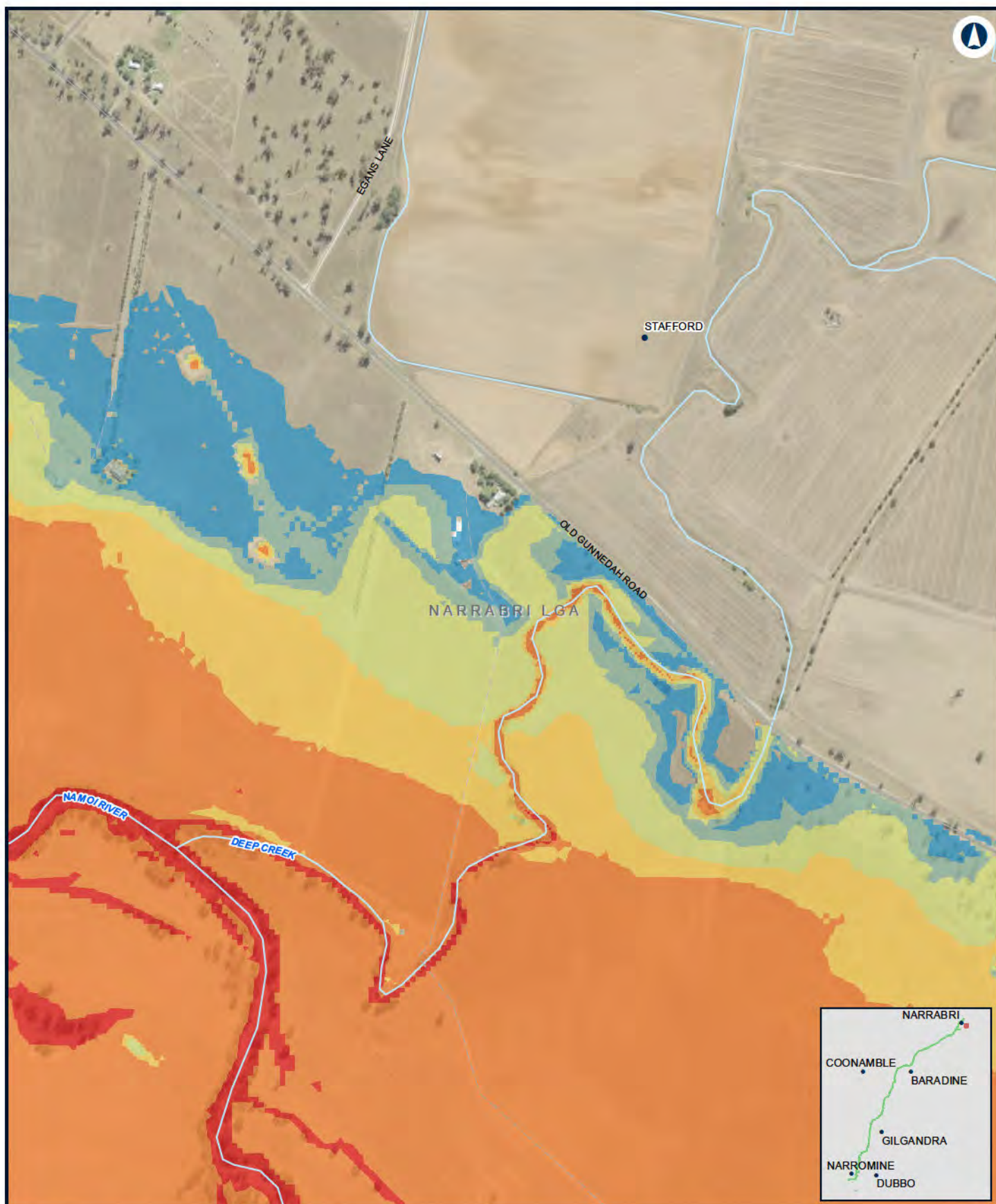
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

INLAND RAIL **ARTC**

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0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/08/2022

Paper: A4

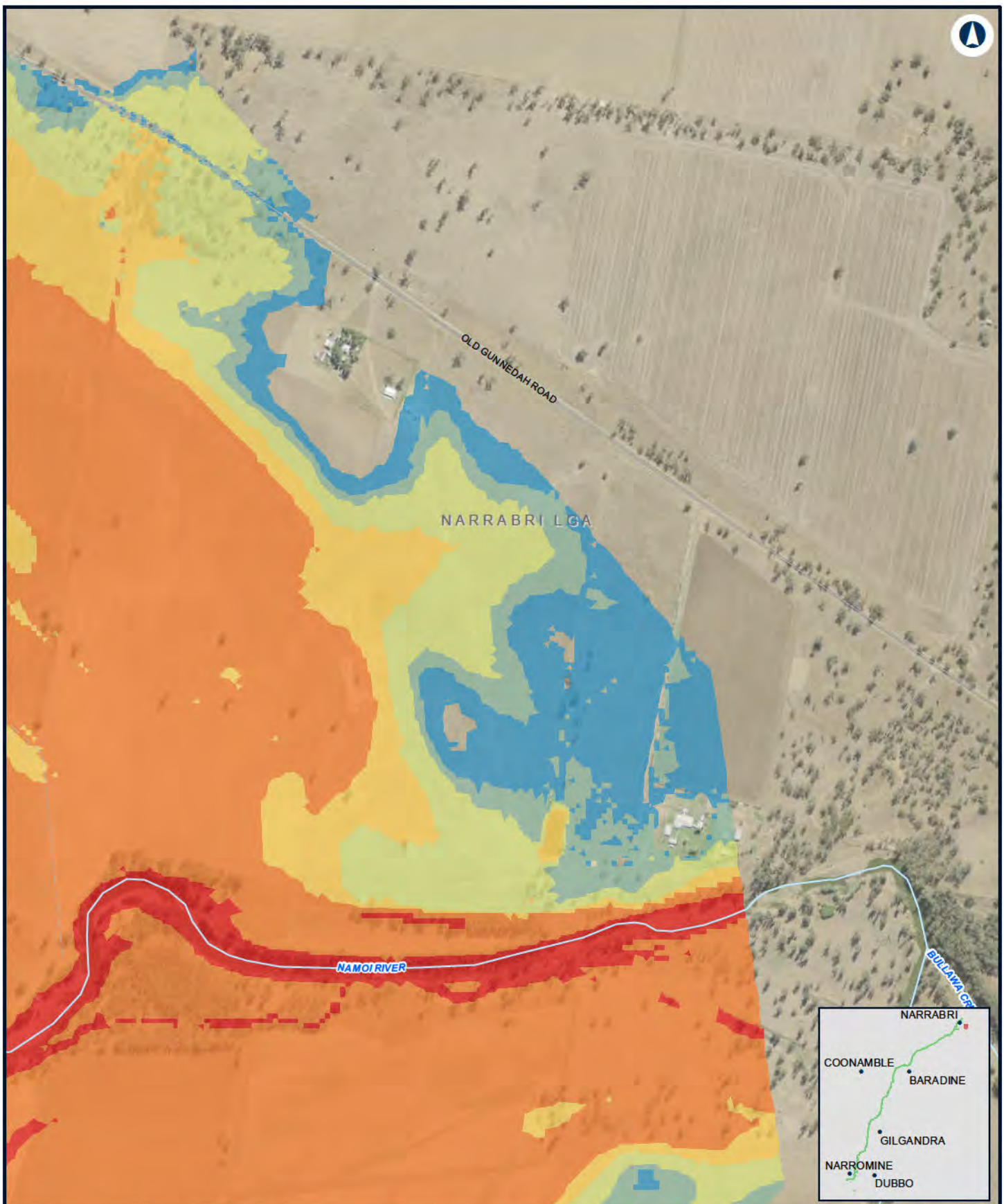
Author: JacobsGHD

Scale: 1:7,163,937

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.12

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: 1:7,163,937

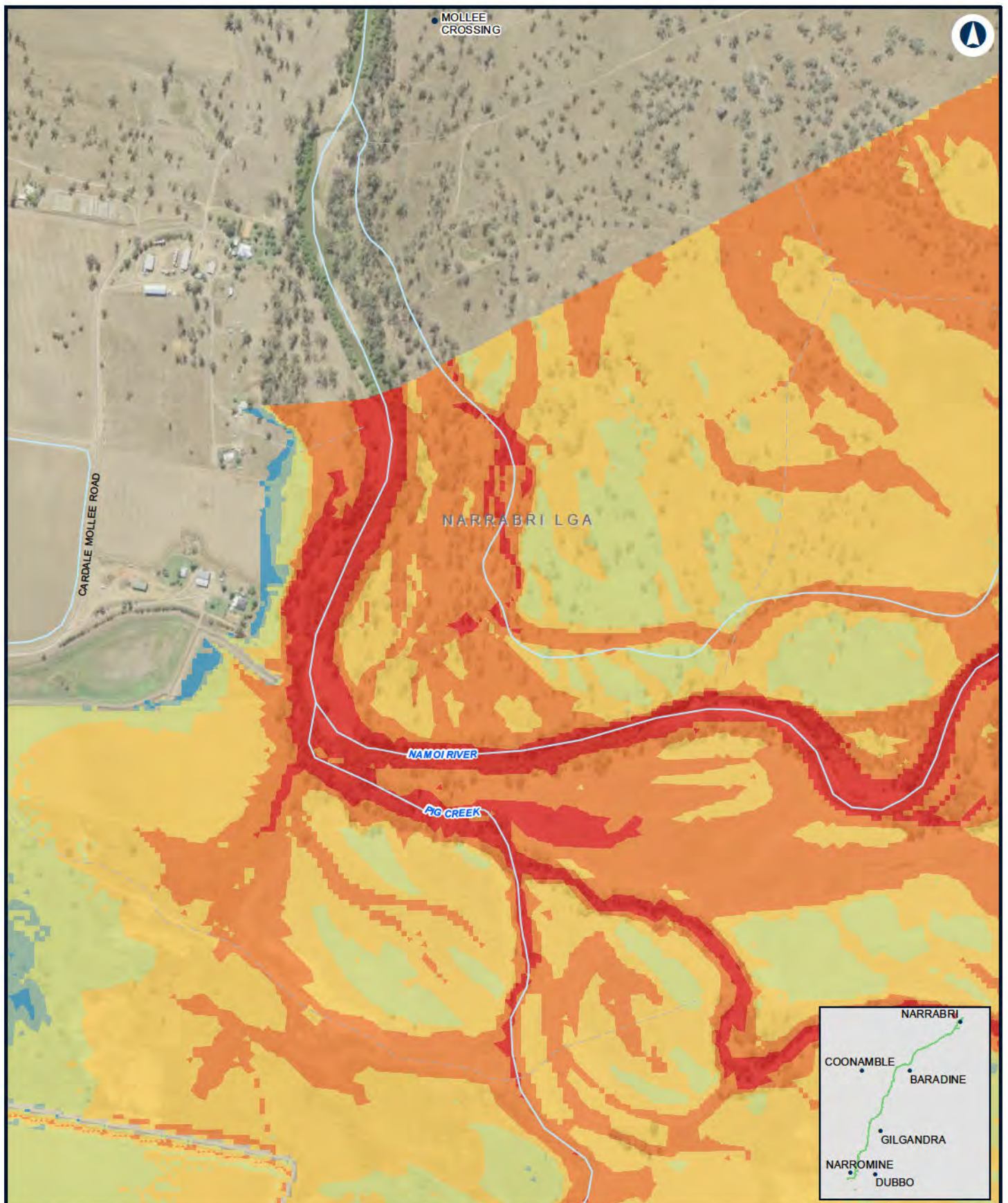
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

**INLAND
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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.13

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: 1:7,163,937

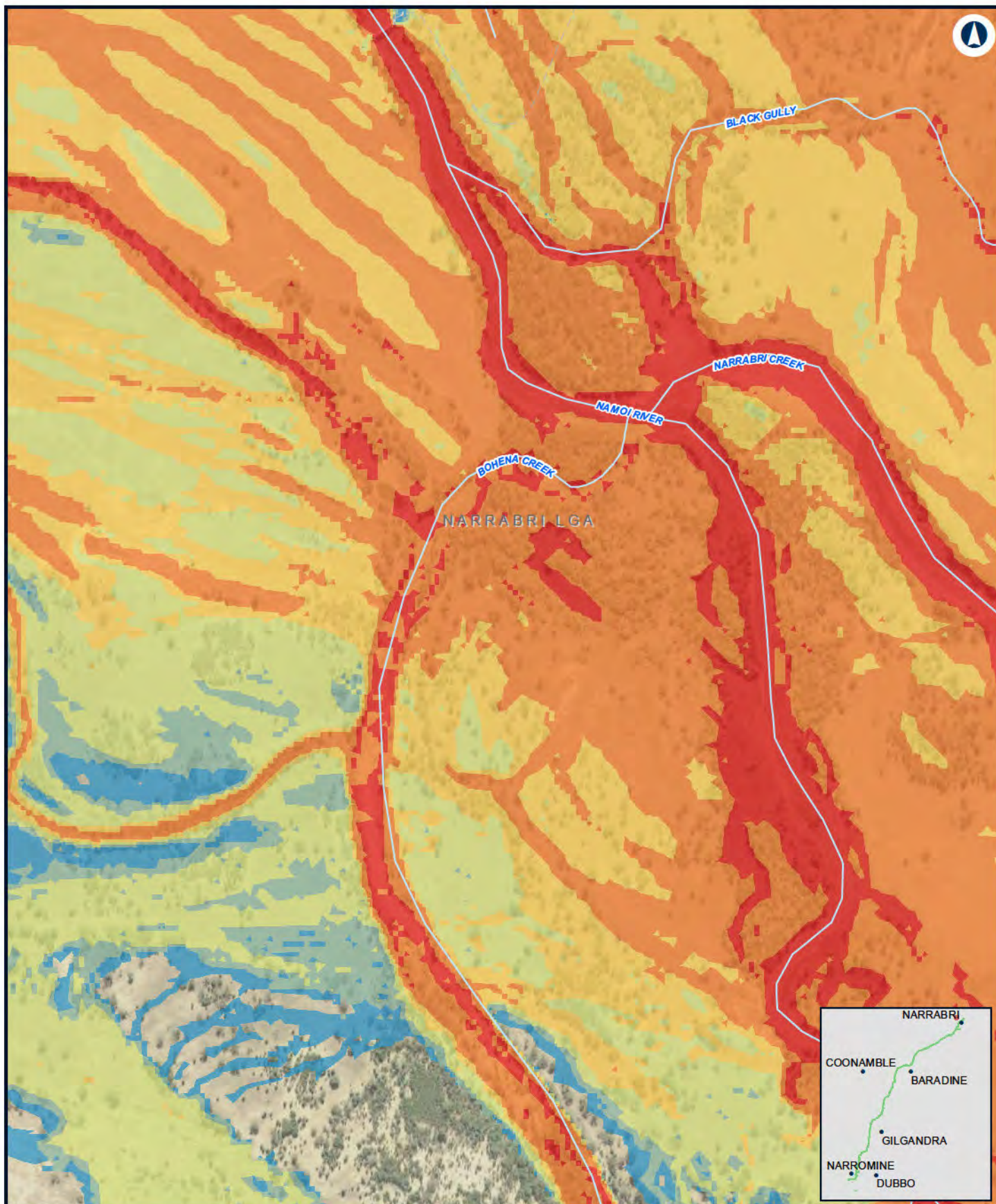
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- Generally safe for vehicles, people and buildings
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NARRABRI TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.14

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: 1:7,163,937

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

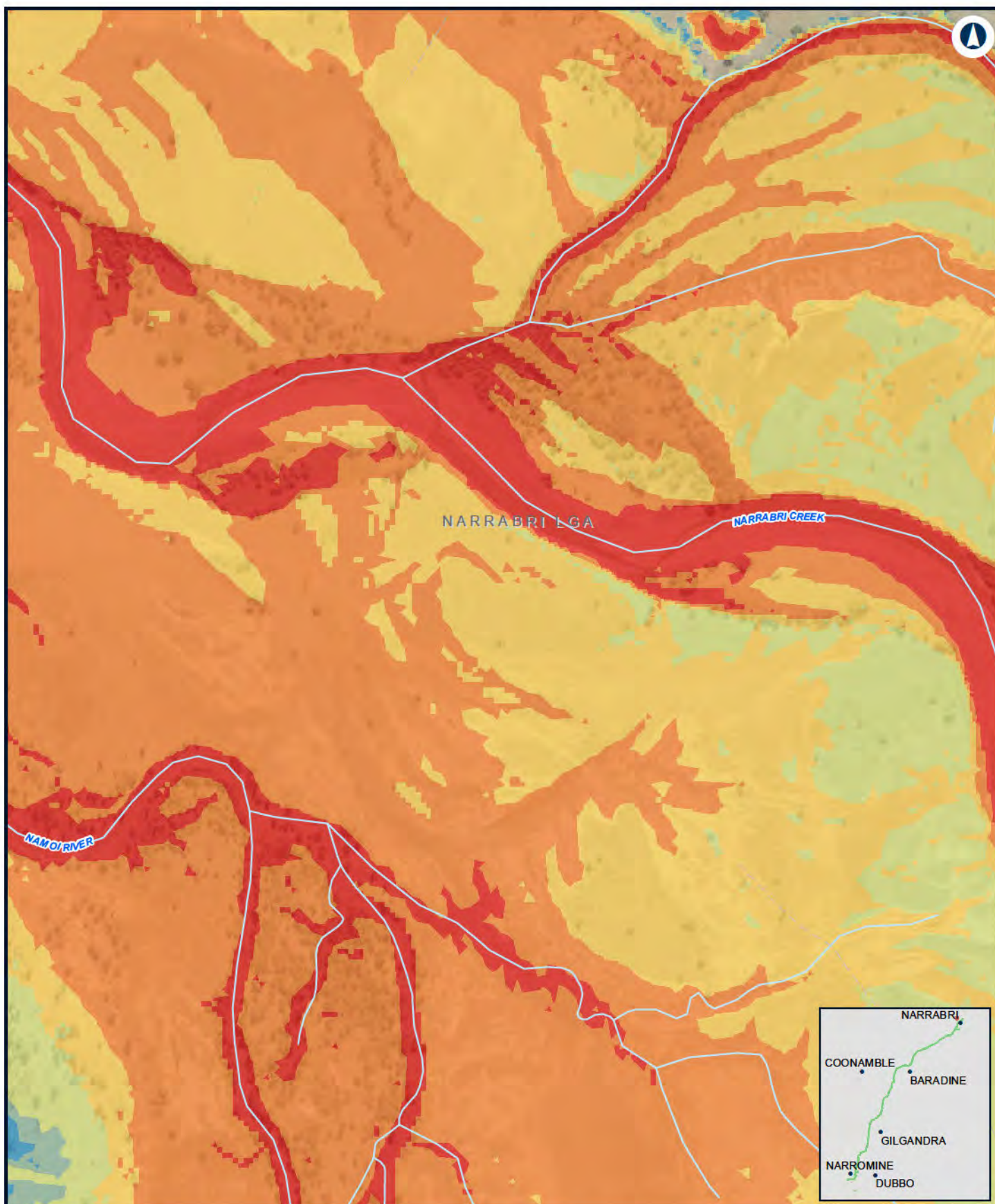
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.15

0 0.1 0.2
Km

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Author: JacobsGHD

Paper: A4
Scale: 1:7,163,937

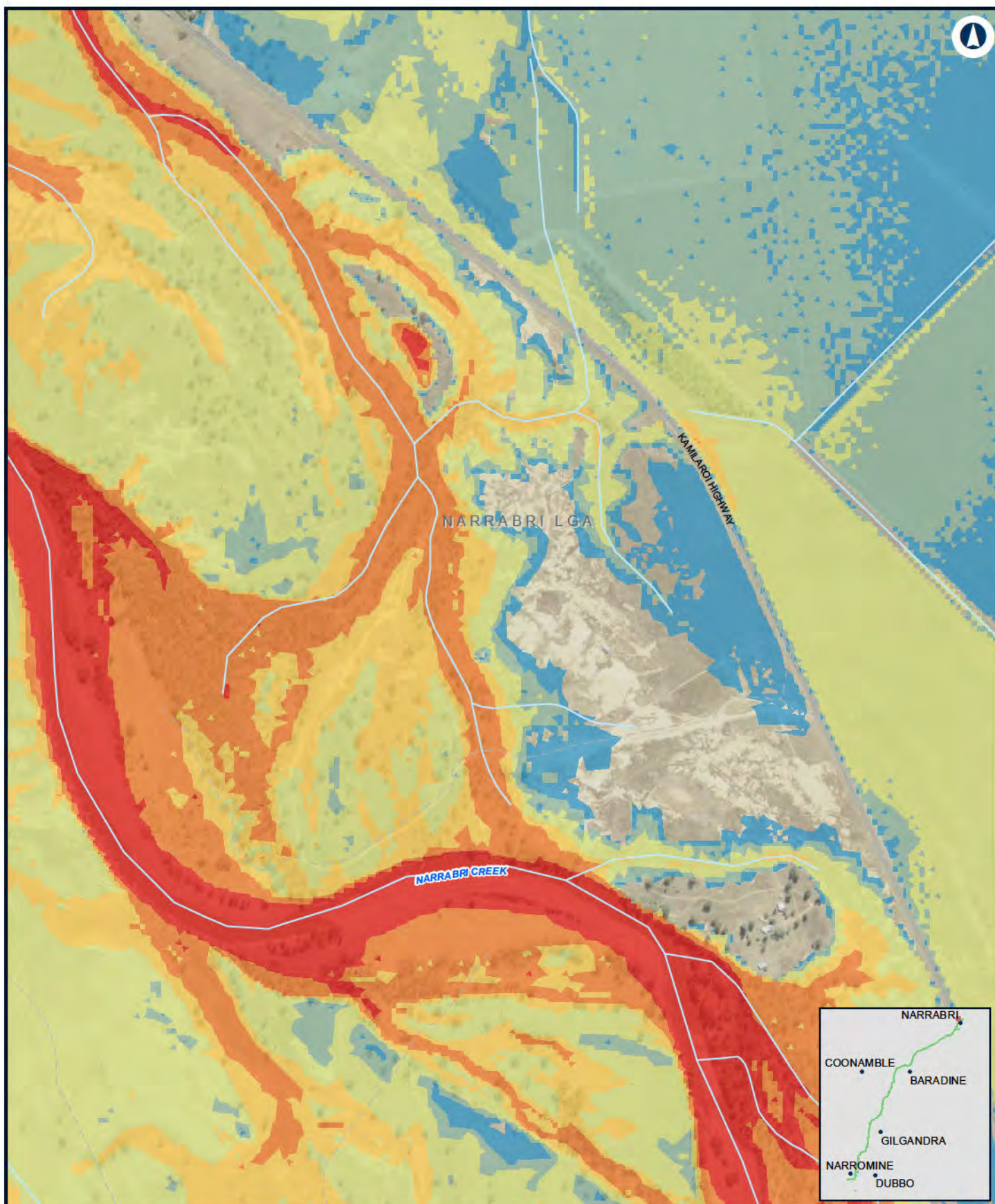
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- Generally safe for vehicles, people and buildings
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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.16

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: 1:7,163,937

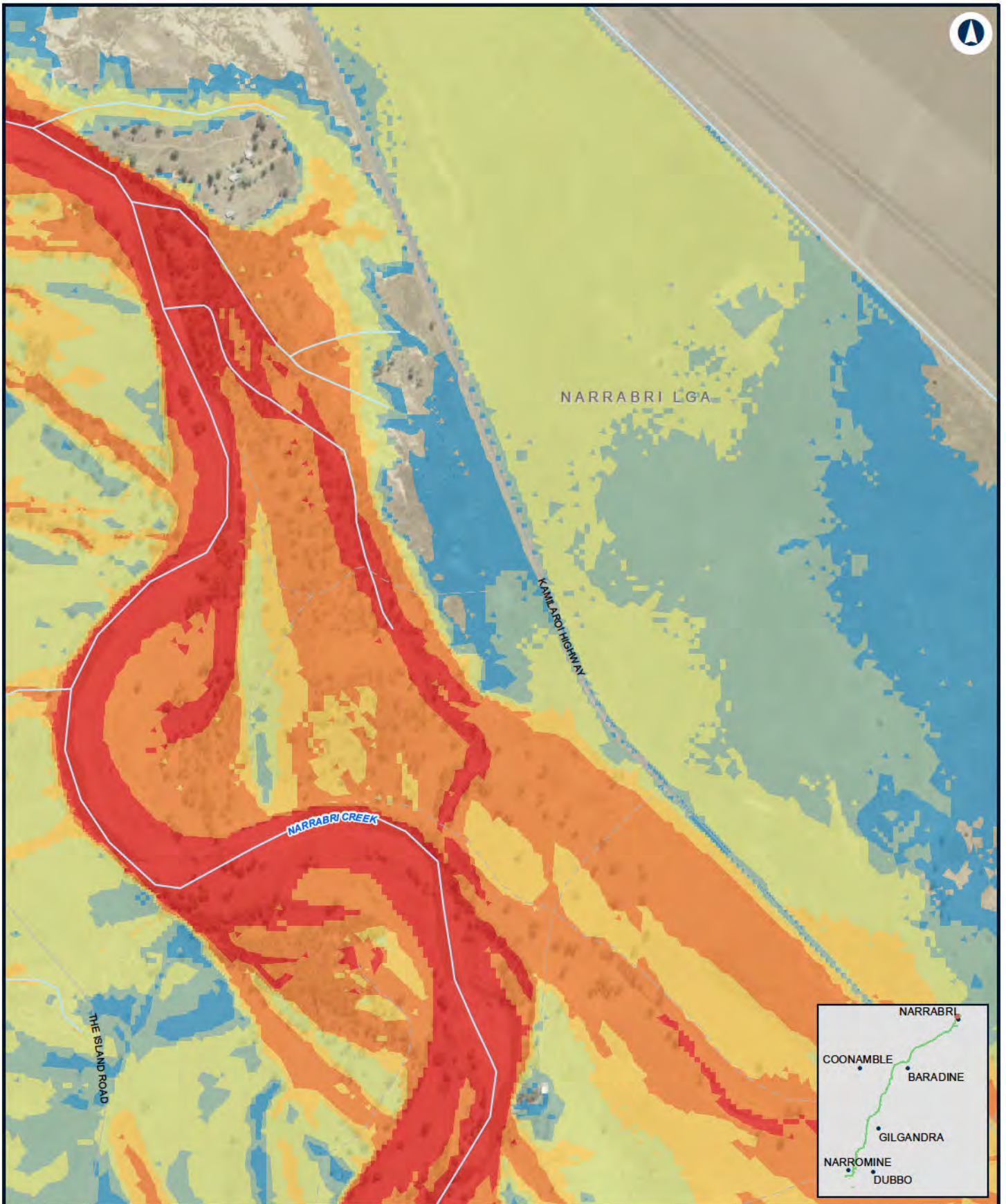
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.17

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:7,163,937

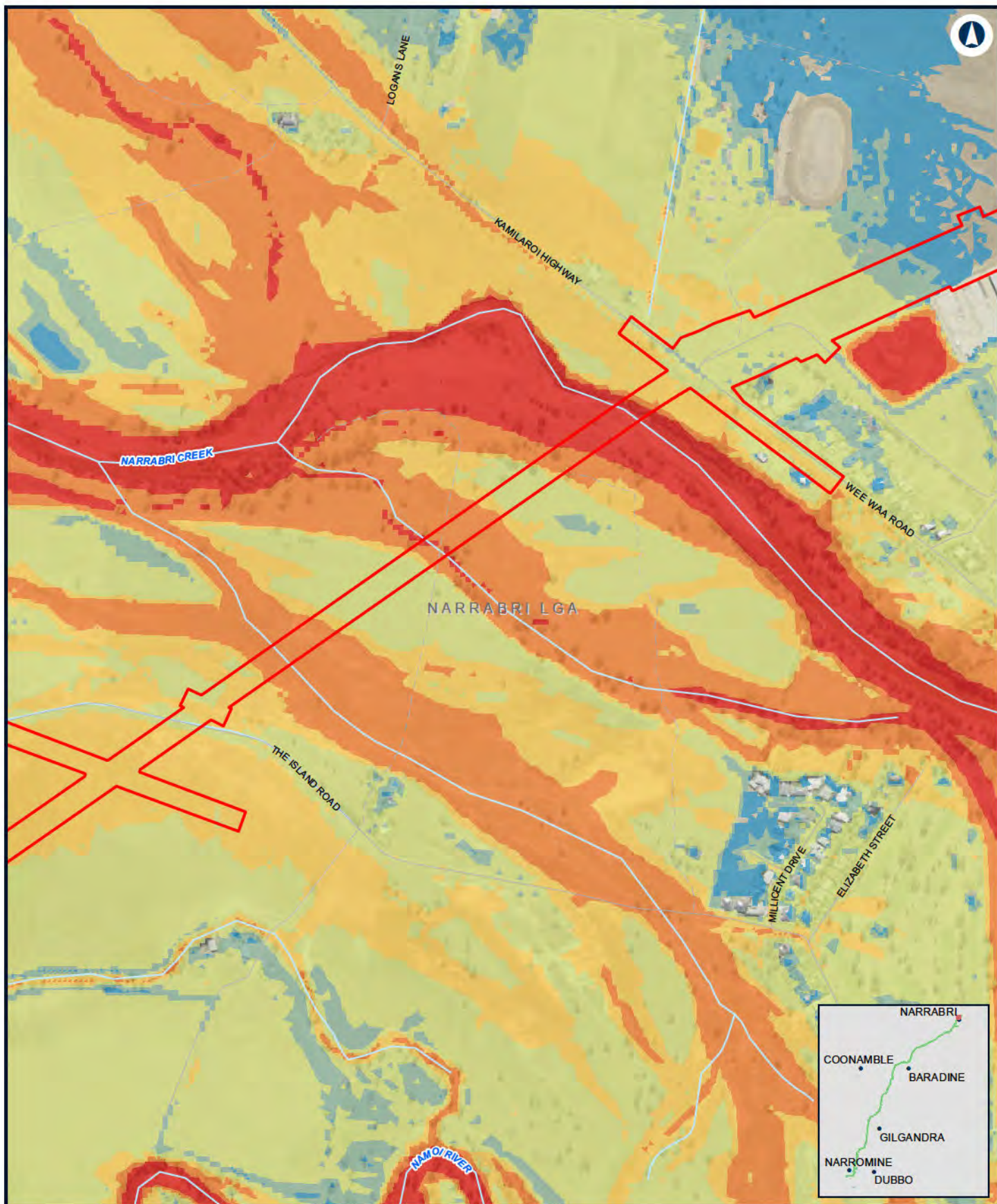
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.18

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: 1:7,163,937

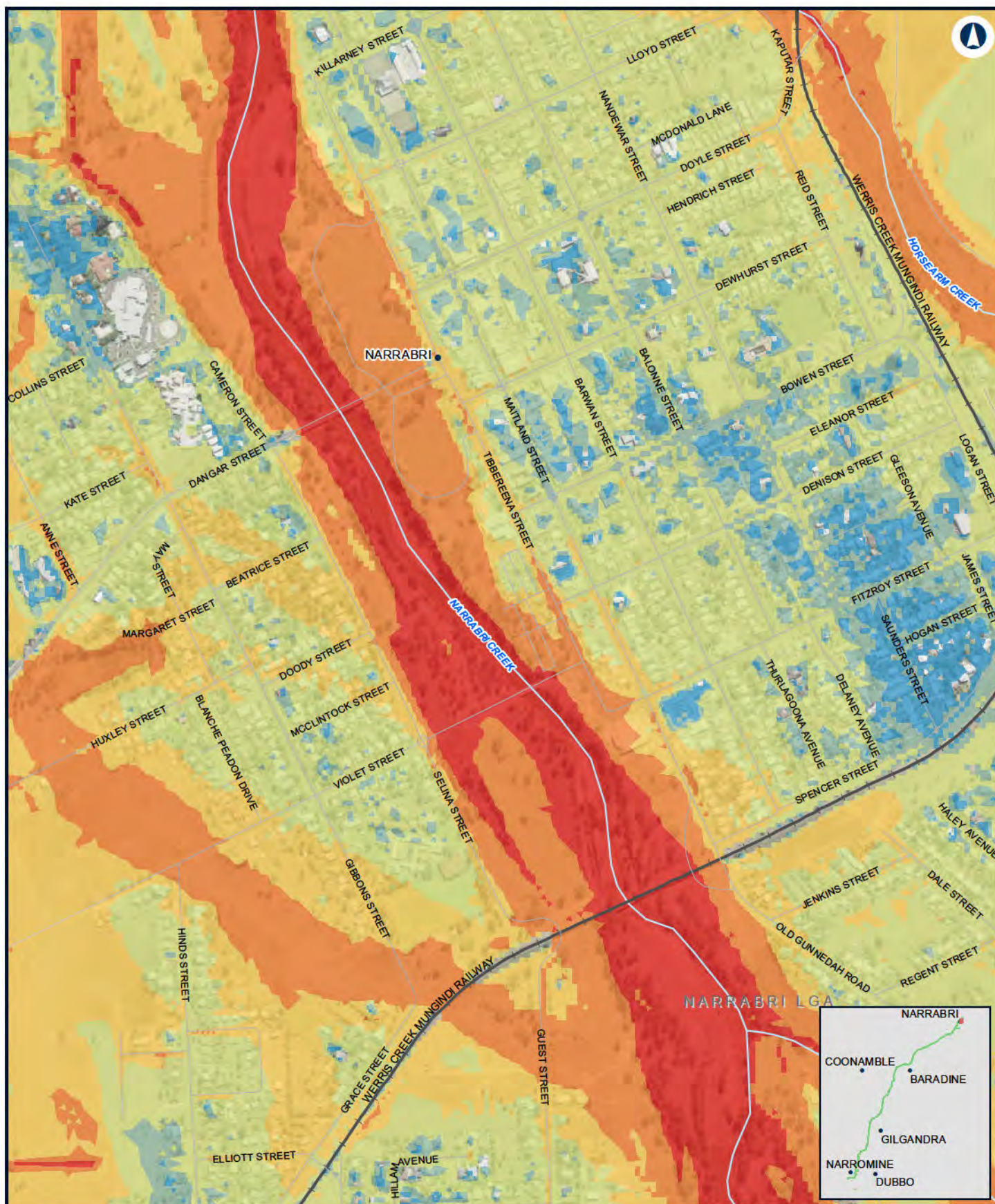
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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 Regional

Appendix A - Figure 1.32.19

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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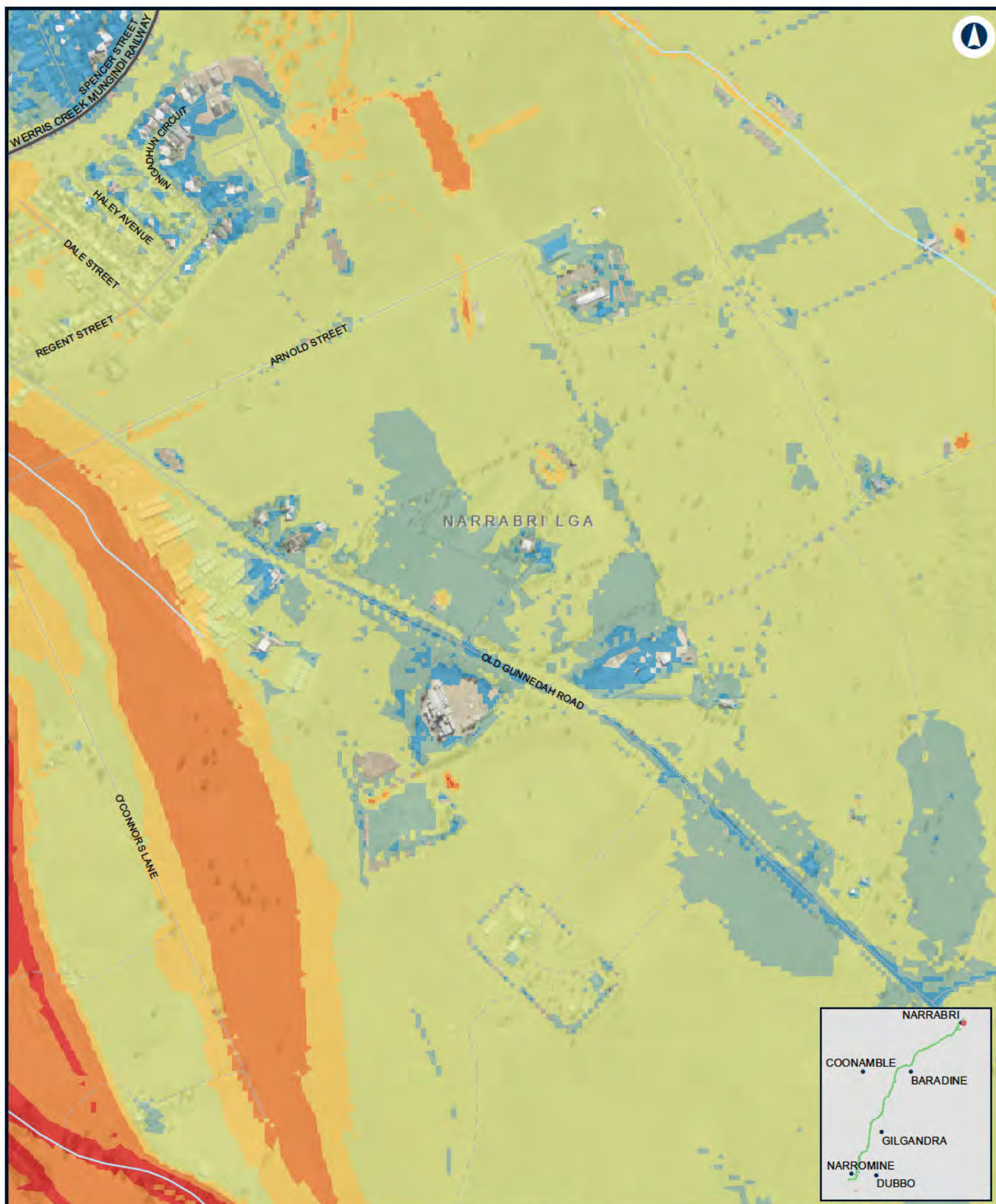
Date: 15/08/2022 Paper: A4
Author: JacobsGHD Scale: 1:7,163,937
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- Generally safe for vehicles, people and buildings
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- 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 Regional

Appendix A - Figure 1.32.20

0 0.1 0.2
Km

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Date: 15/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

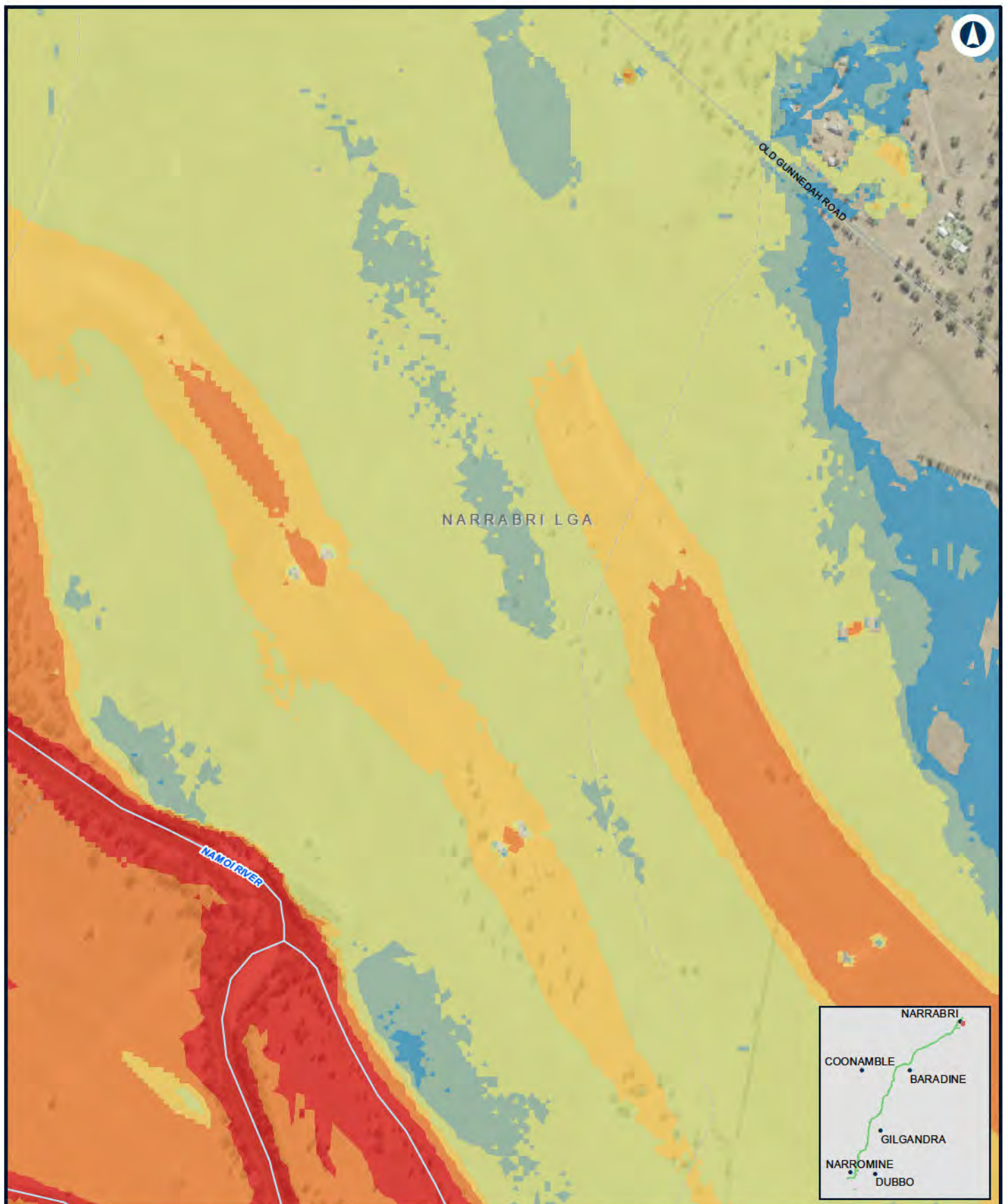
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
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- Unconditionally dangerous

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.21

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: 1:7,163,937

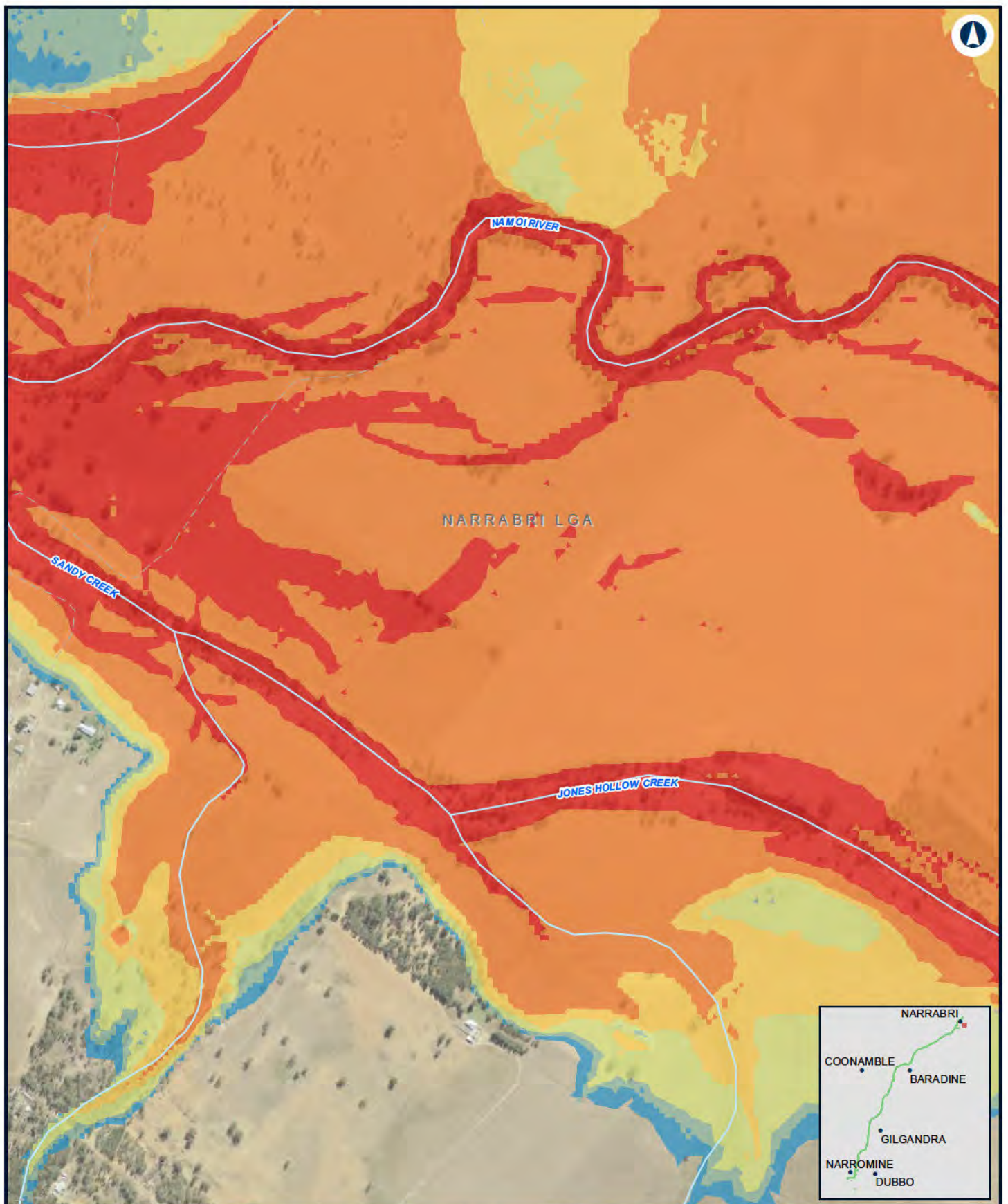
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- 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

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:7,163,937

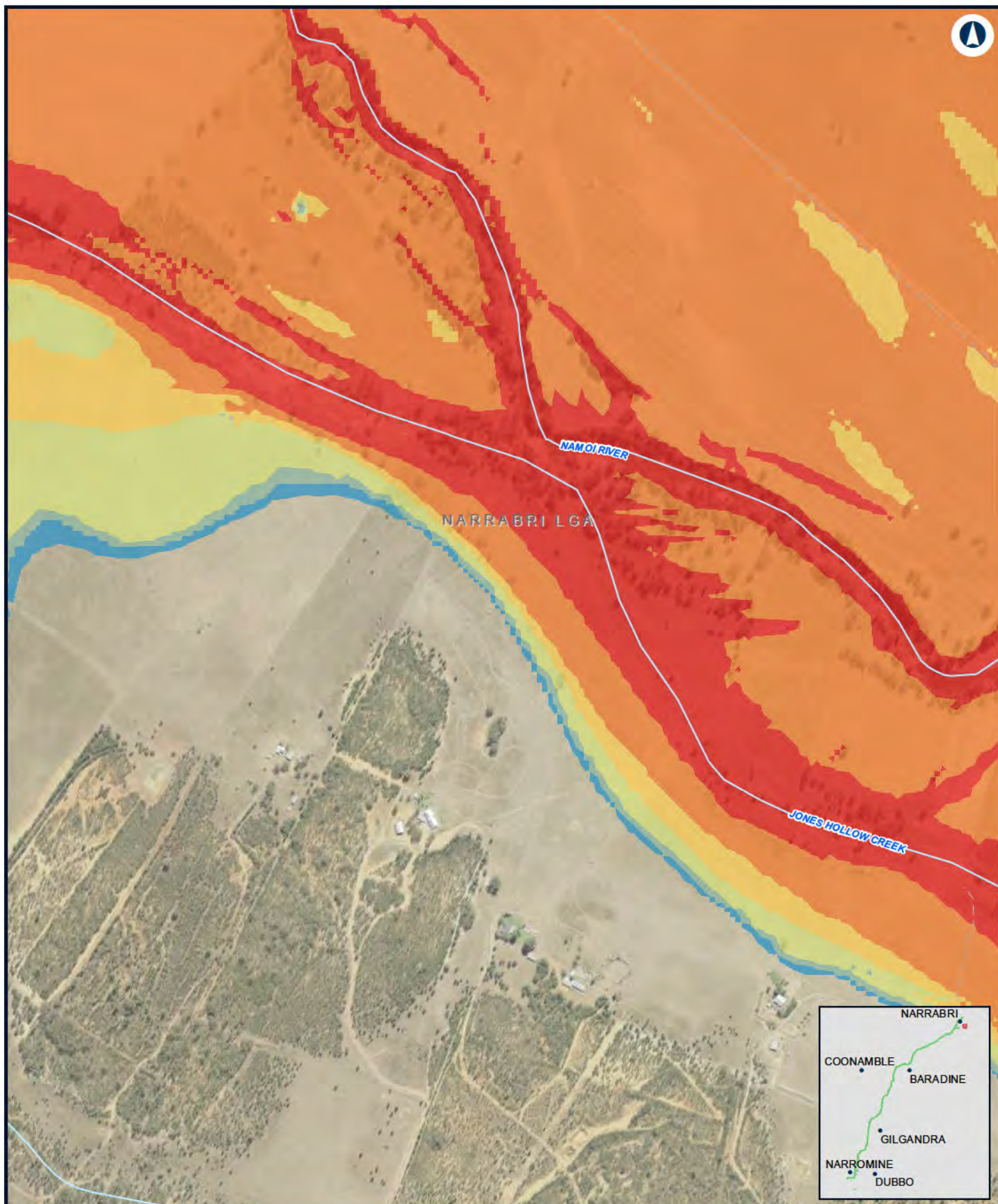
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.23

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: 1:7,163,937

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

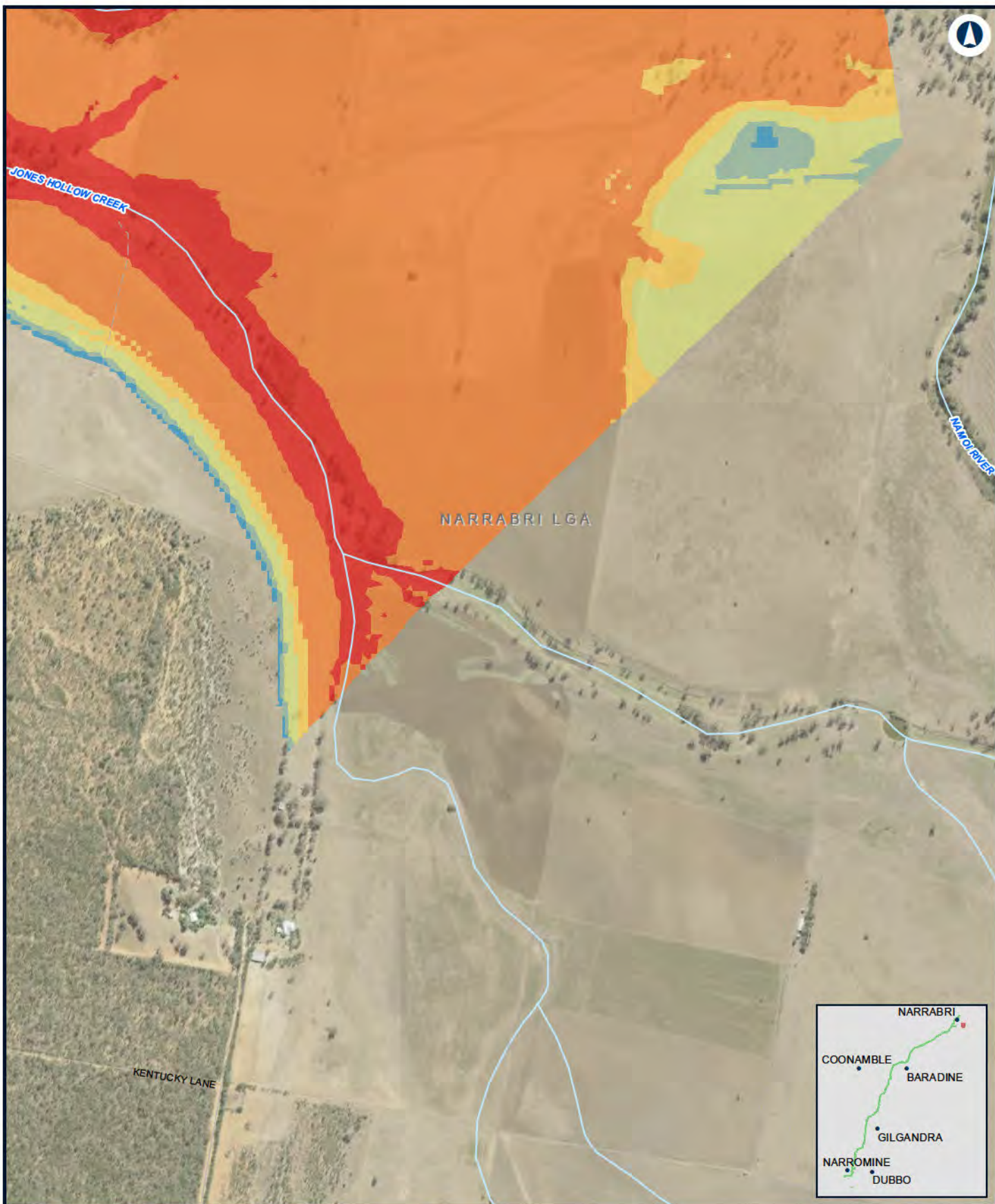
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.24

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: 1:7,163,937

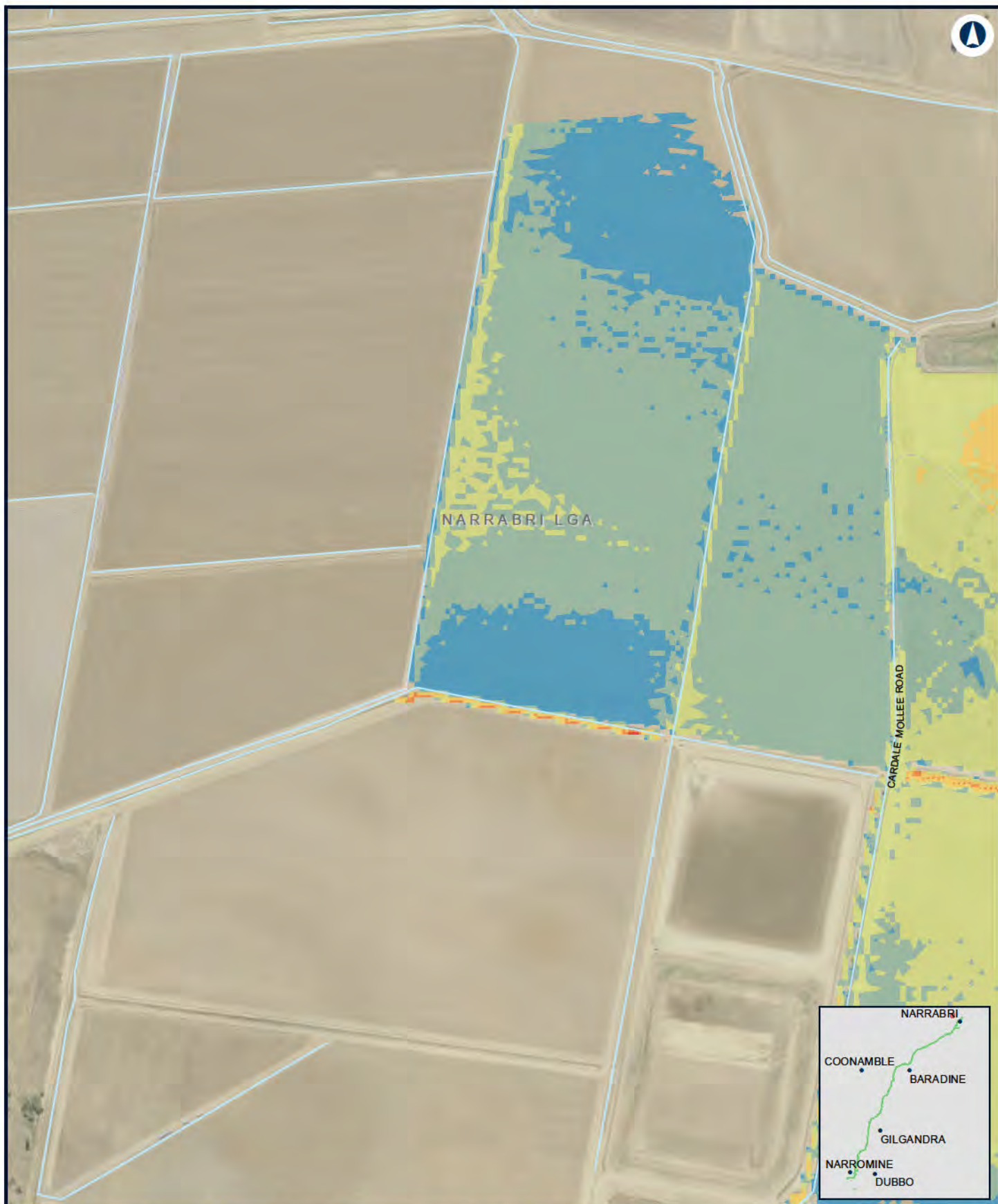
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- Generally safe for vehicles, people and buildings
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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.25

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

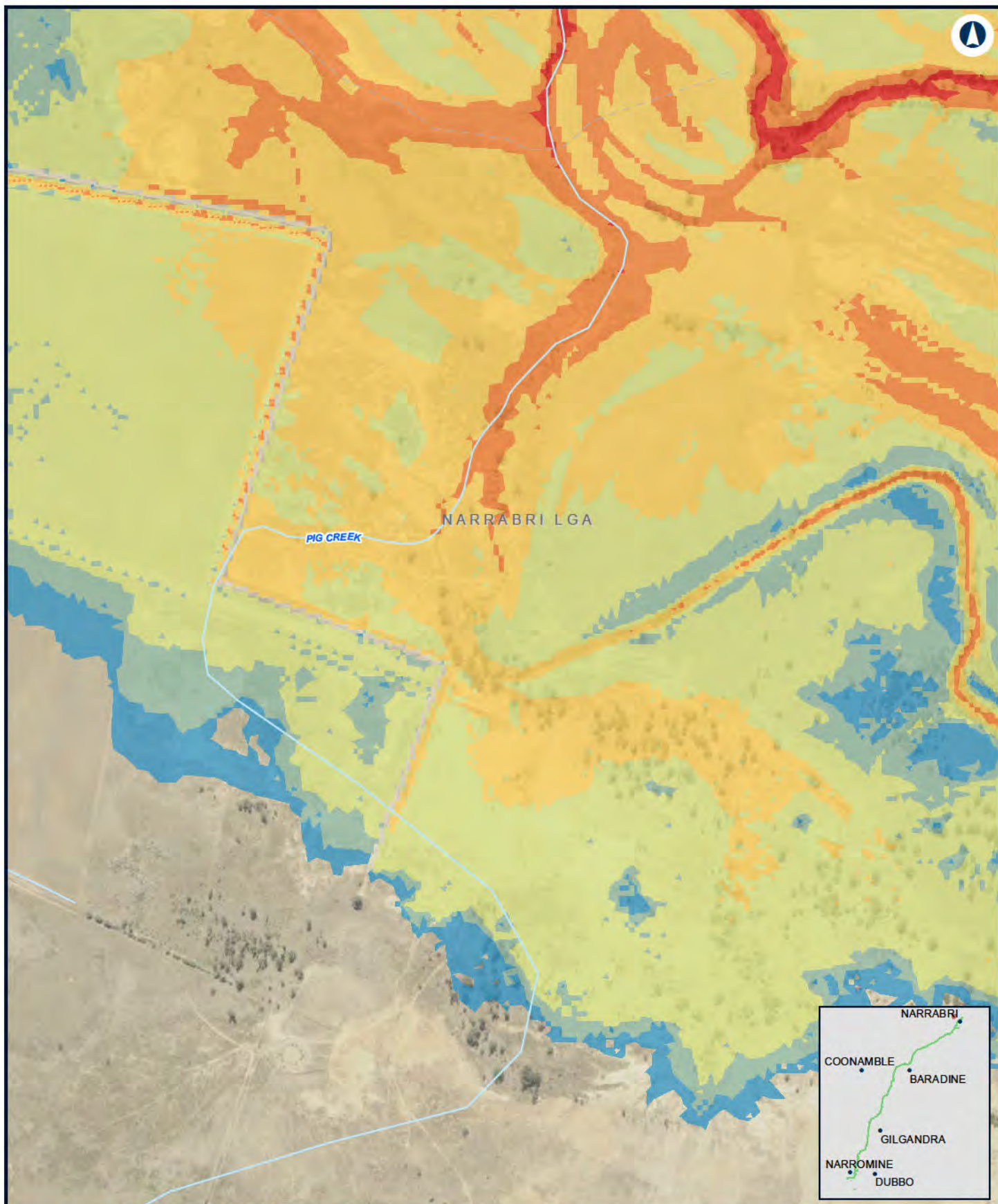
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.26

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

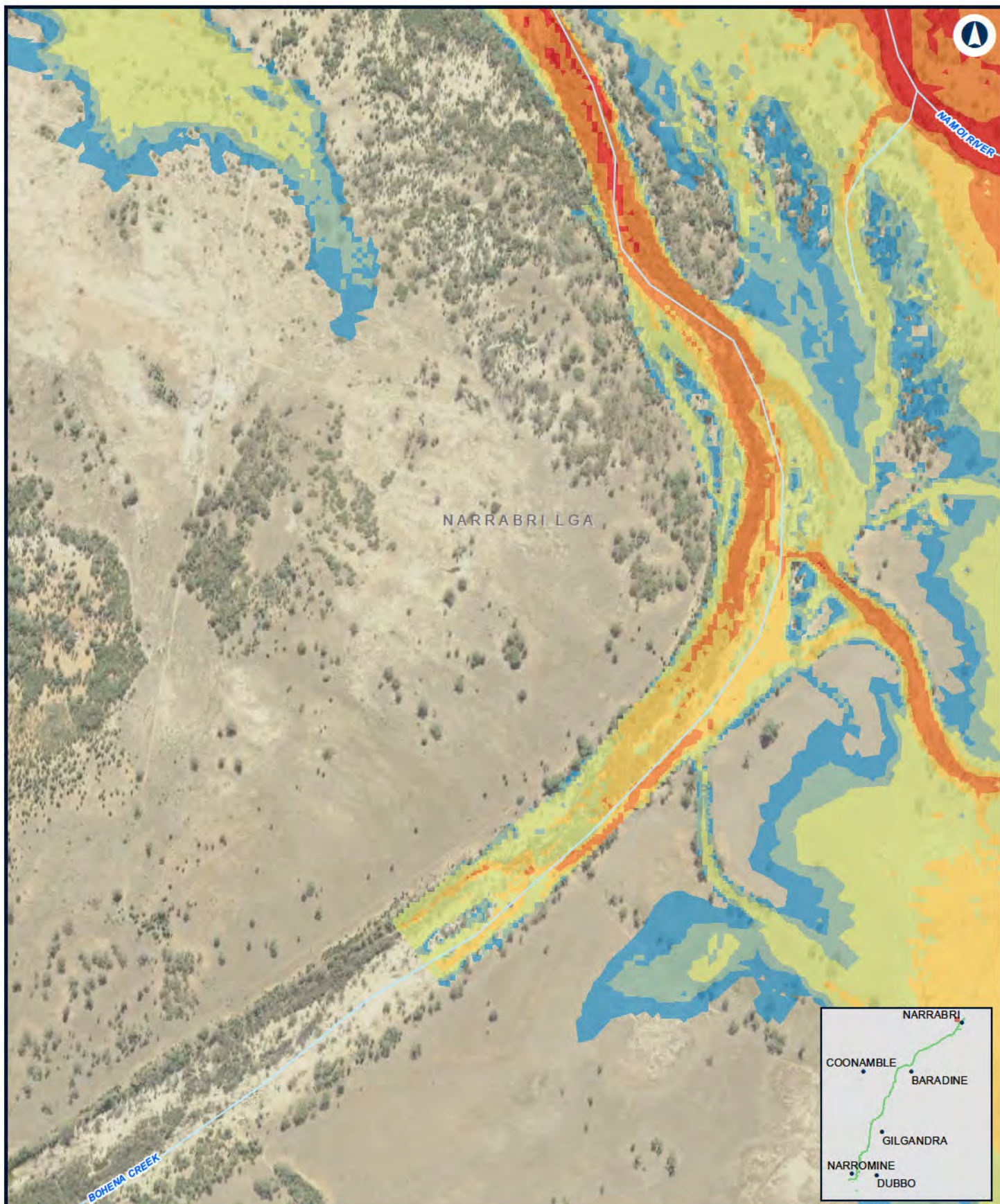
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.27

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

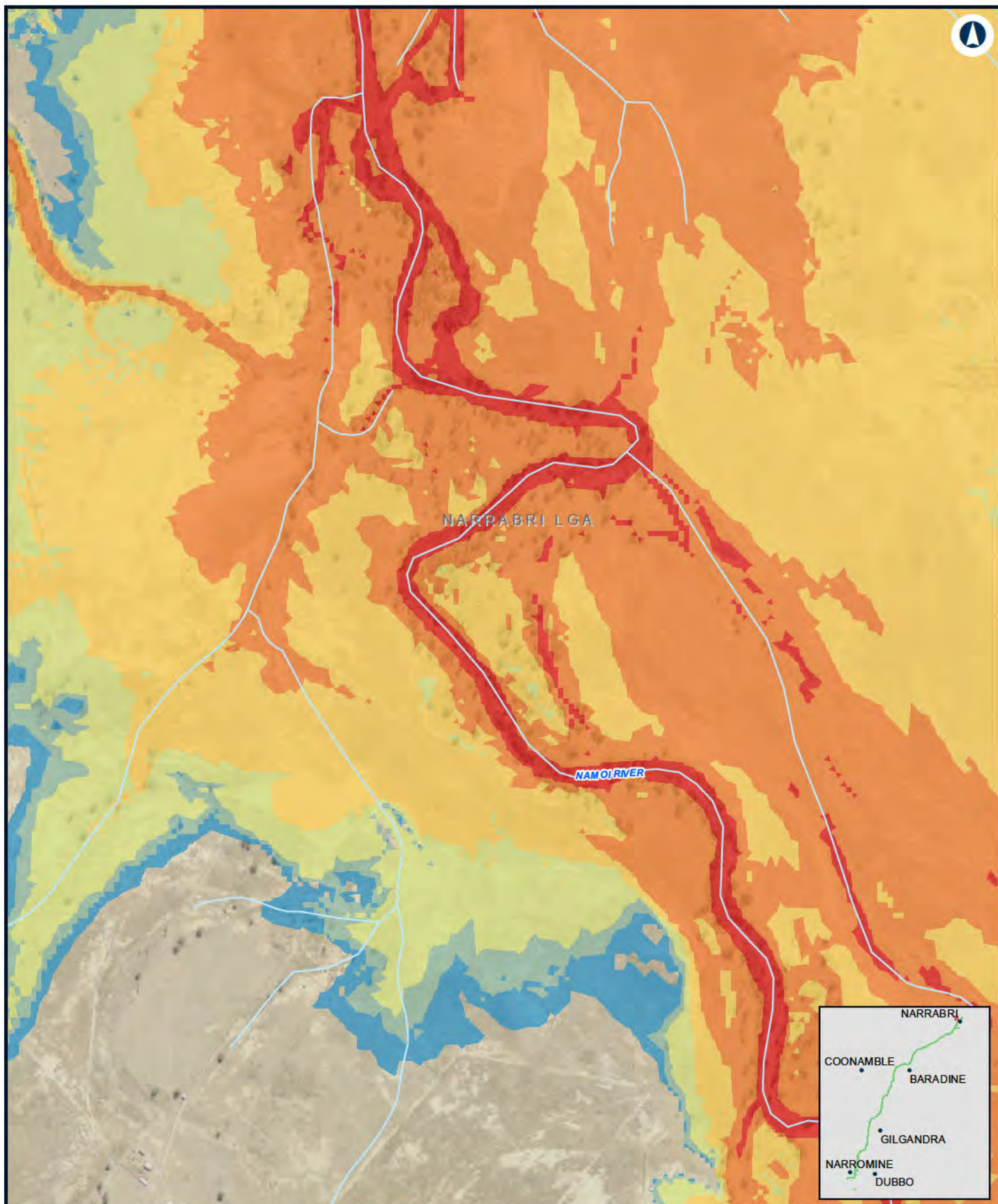
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.28

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

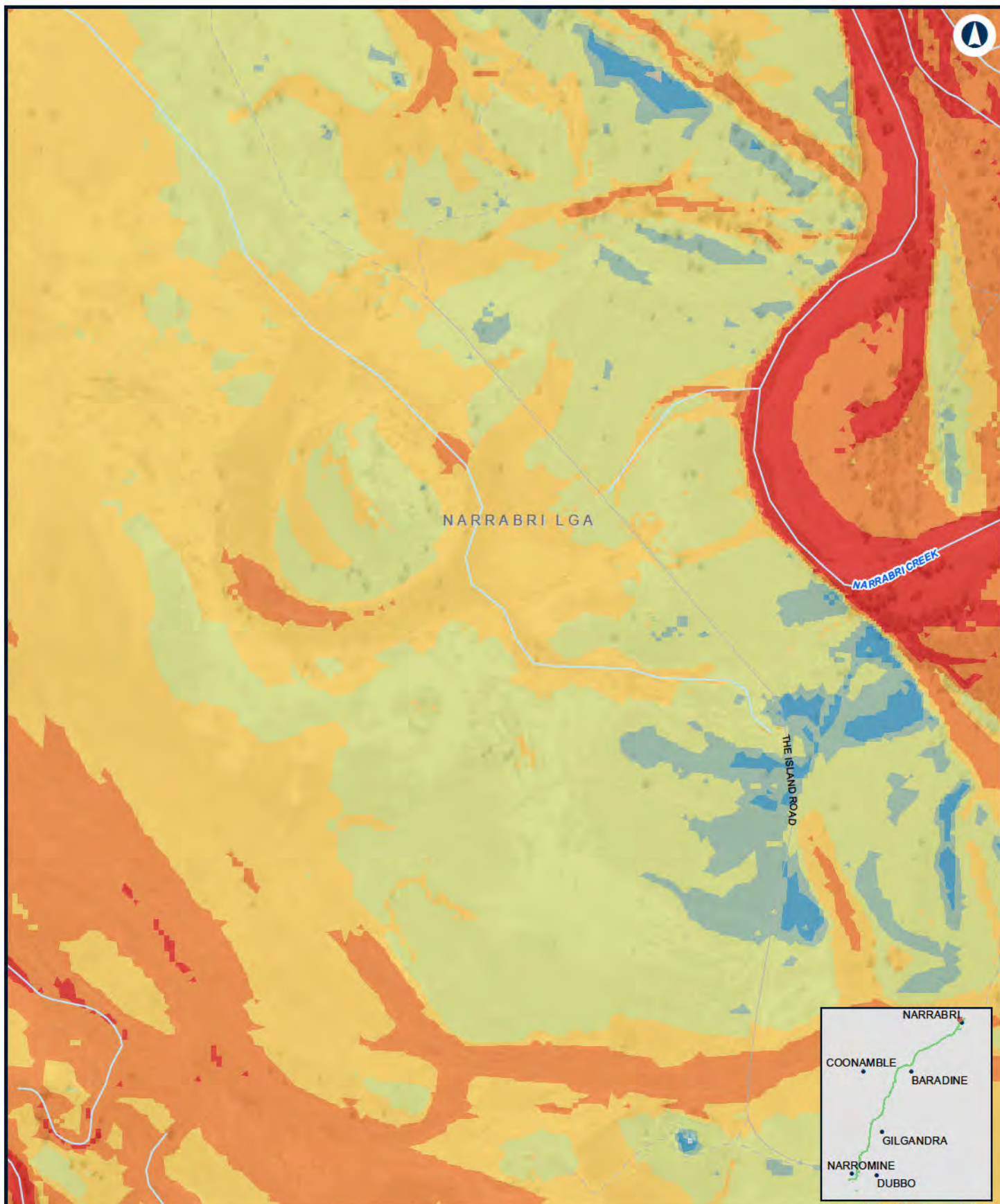
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.29

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Scale: 1:7,163,937

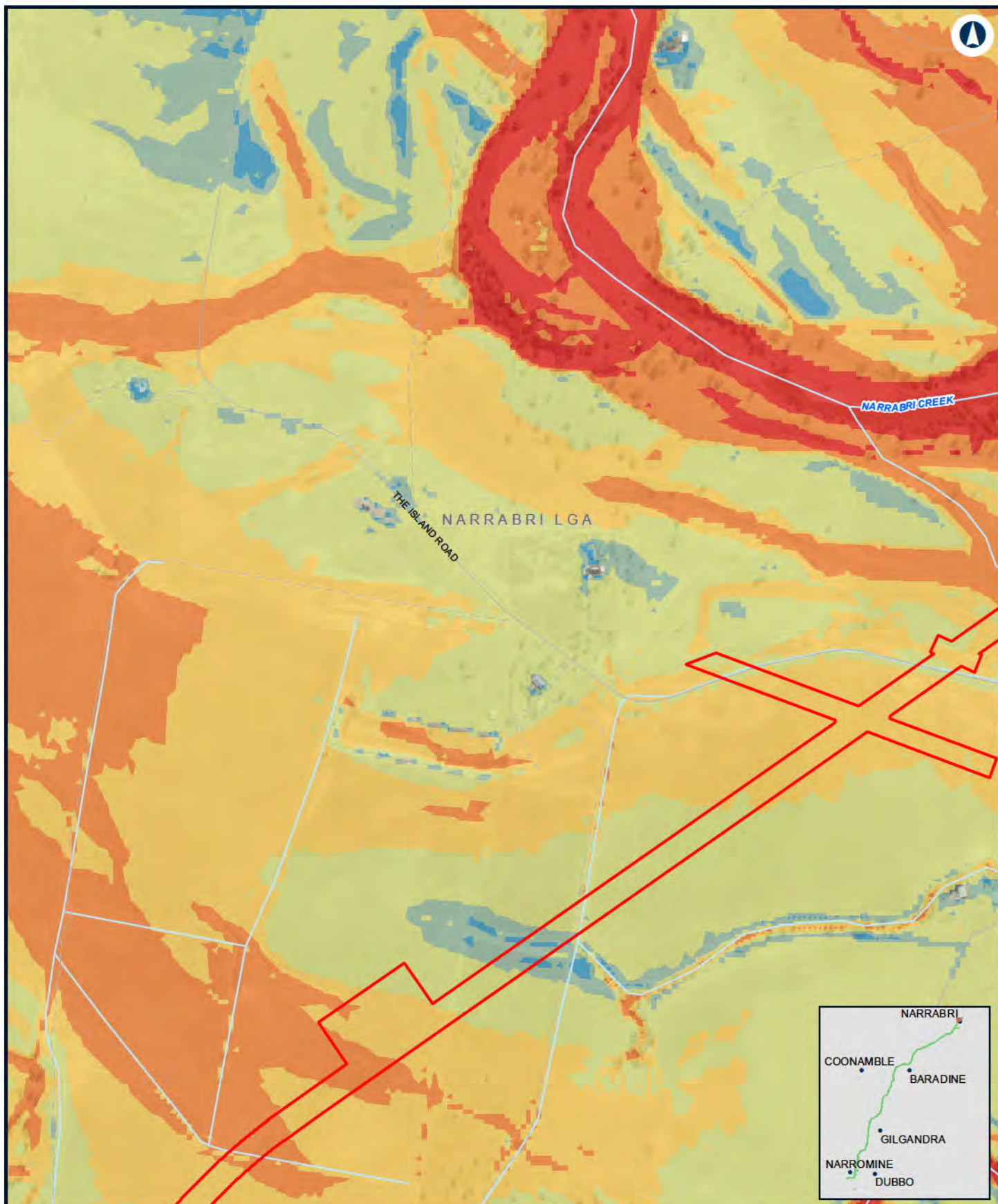
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.30

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:7,163,937

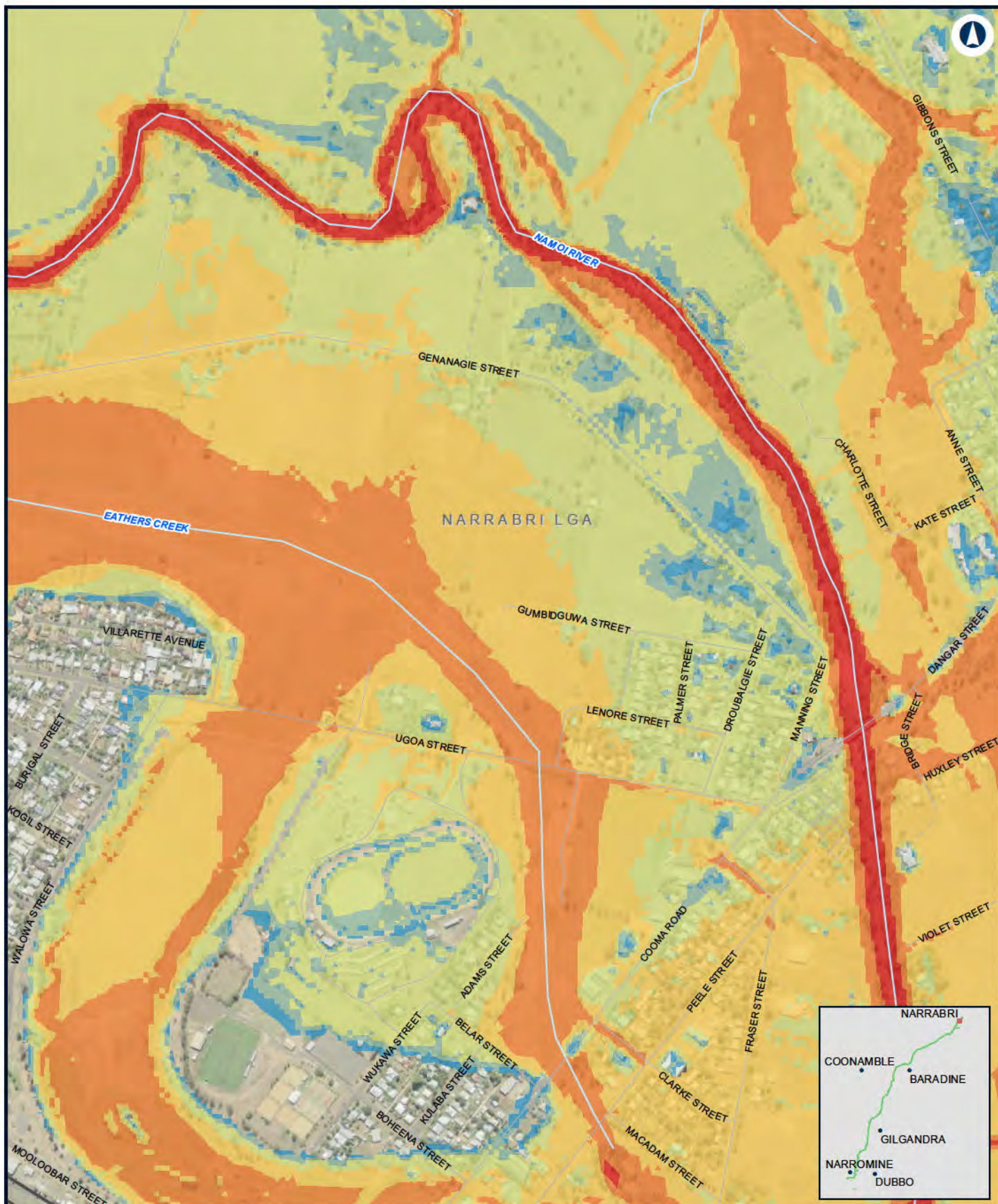
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.31

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:7,163,937

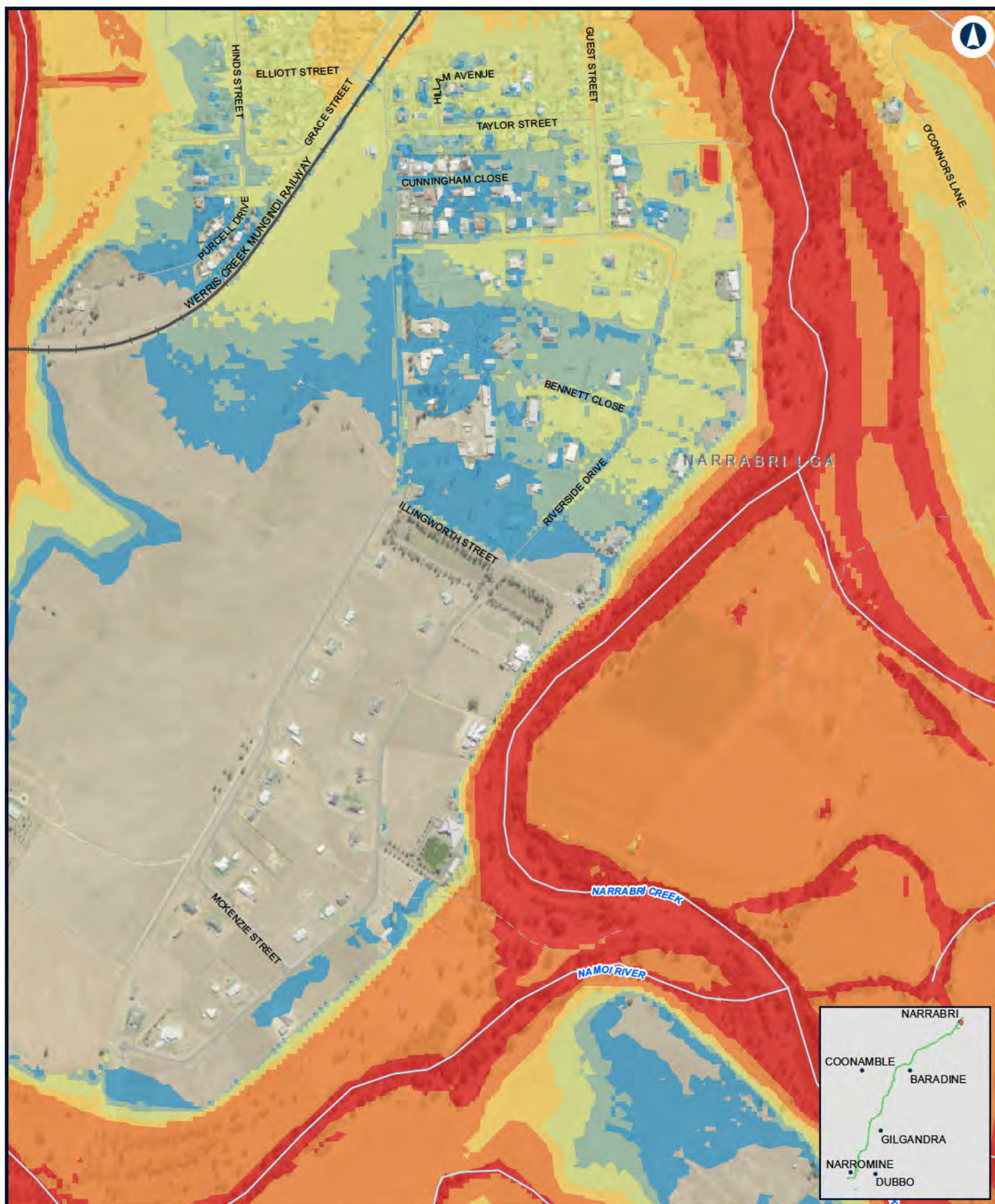
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.32

0 0.1 0.2
Km

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Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

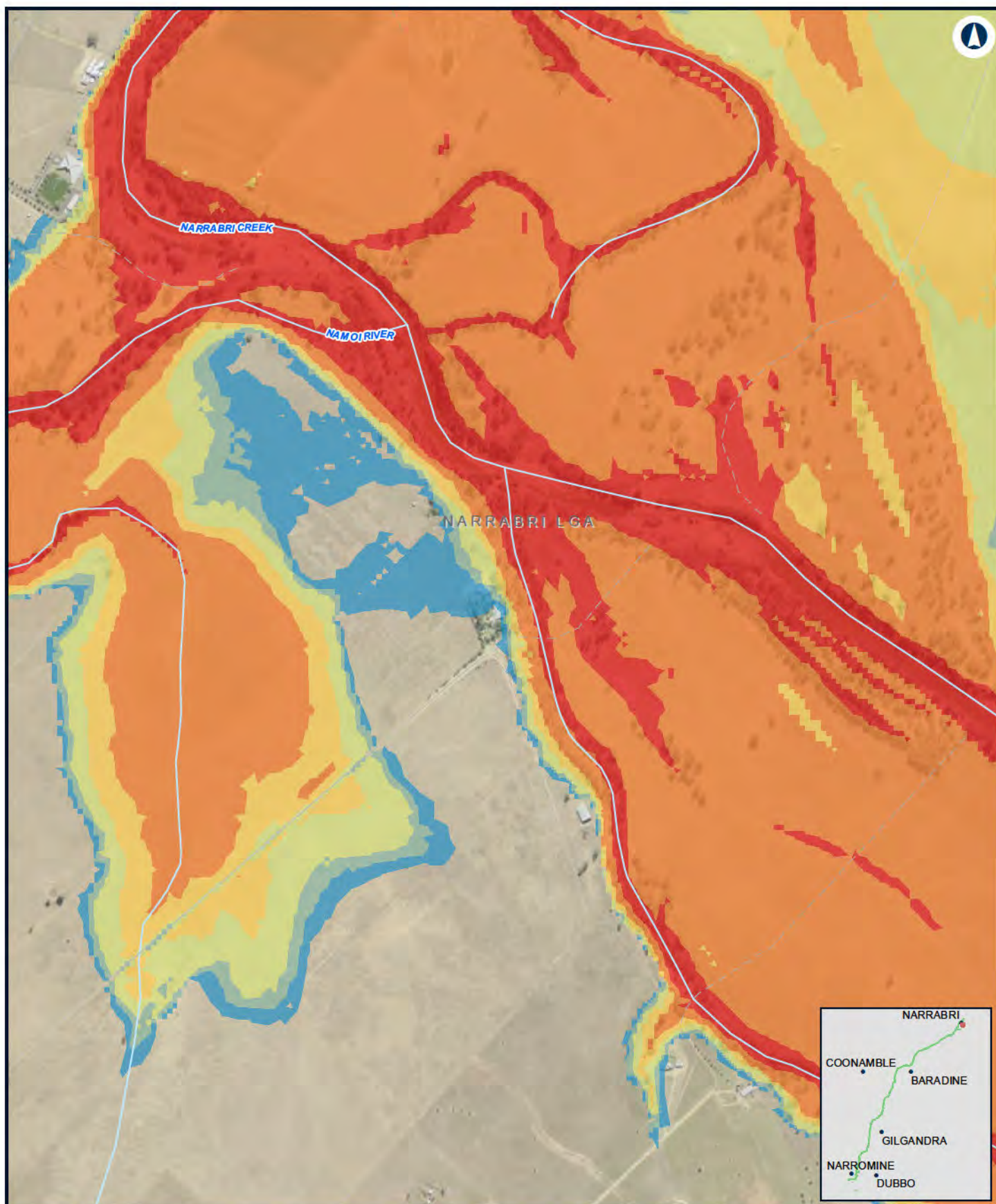
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.33

0 0.1 0.2
Km

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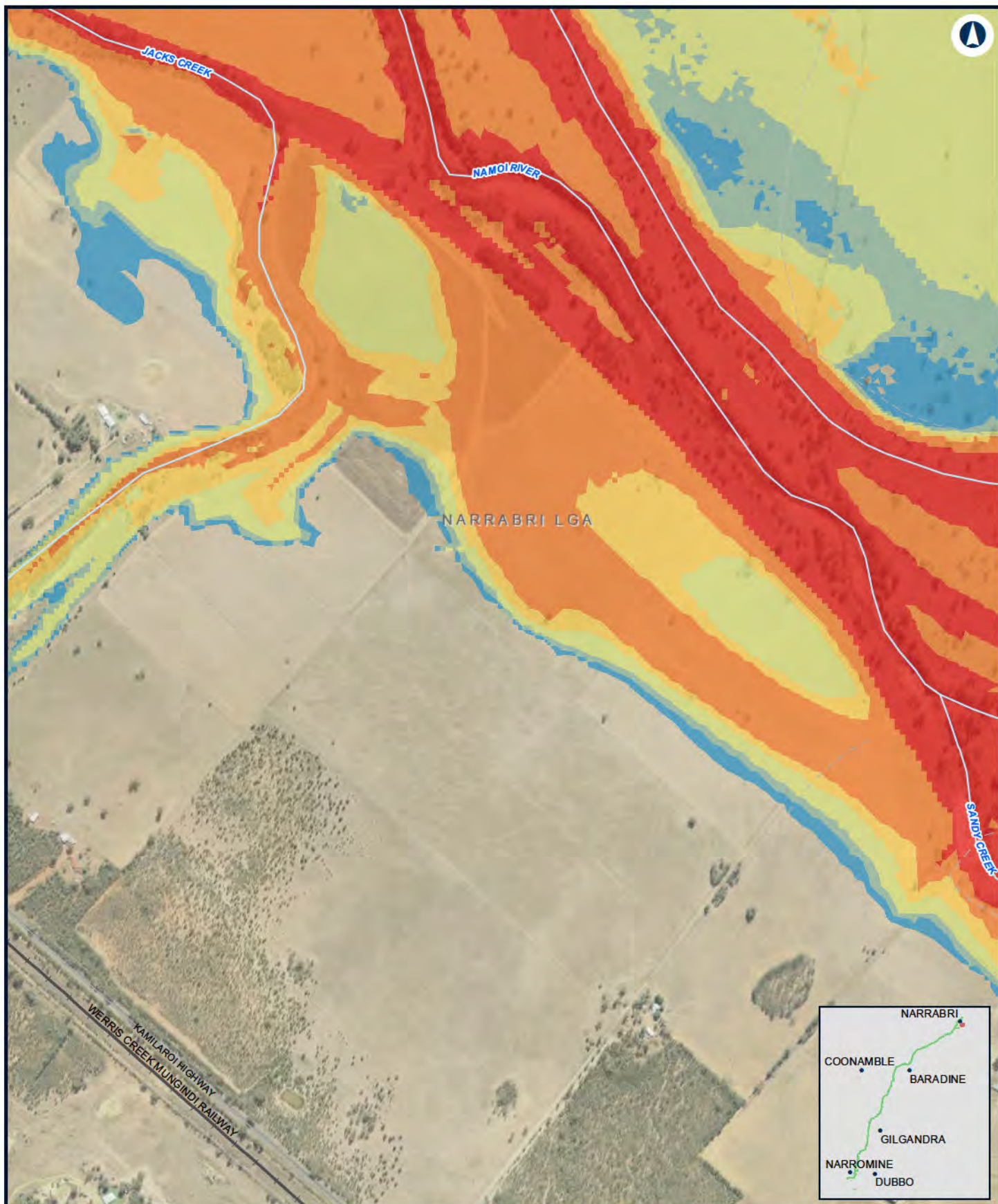
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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.34

0 0.1 0.2
Km

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.35

0 0.1 0.2
Km

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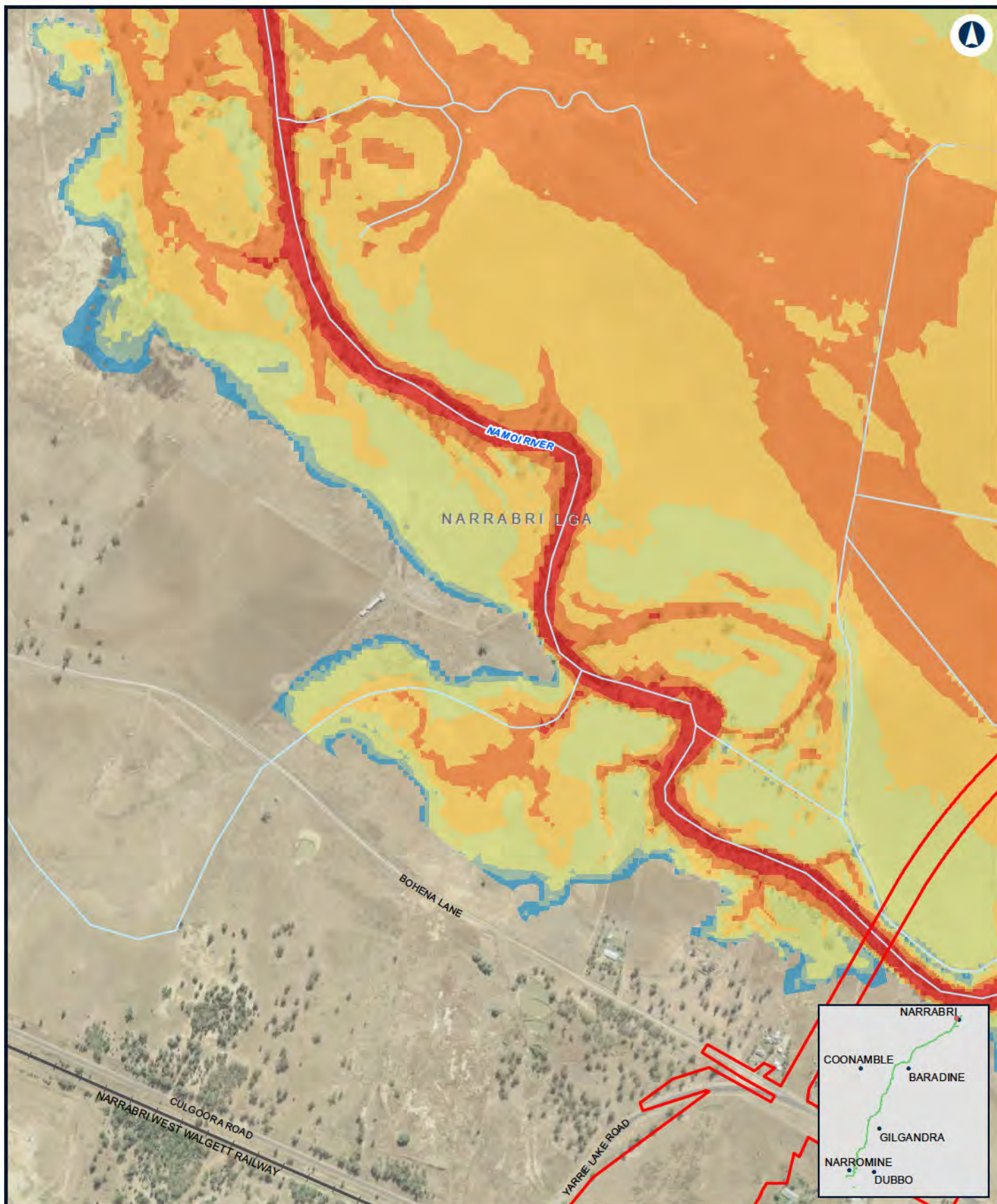
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.36

0 0.1 0.2
Km

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Paper: A4
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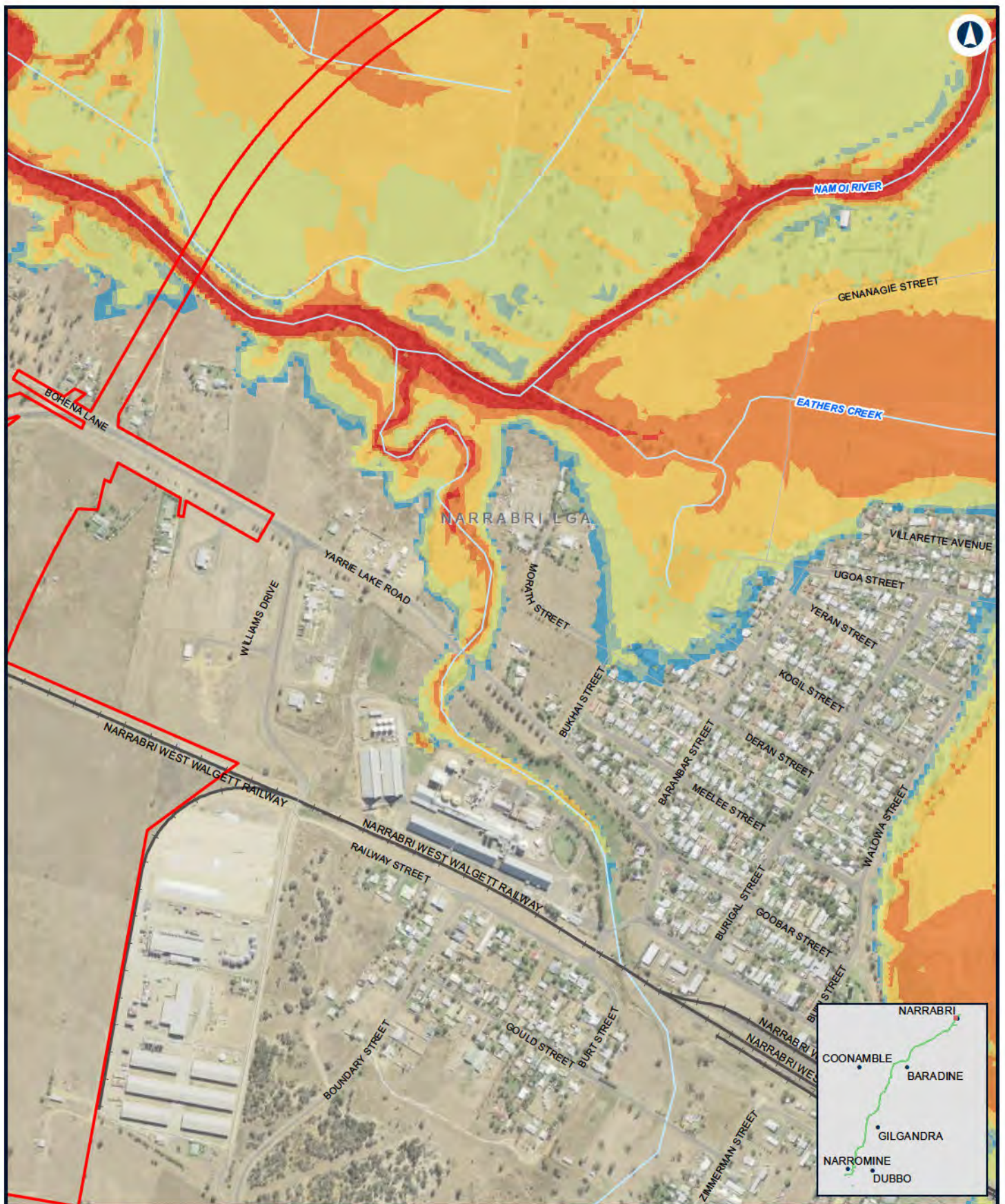
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.37

0 0.1 0.2
Km

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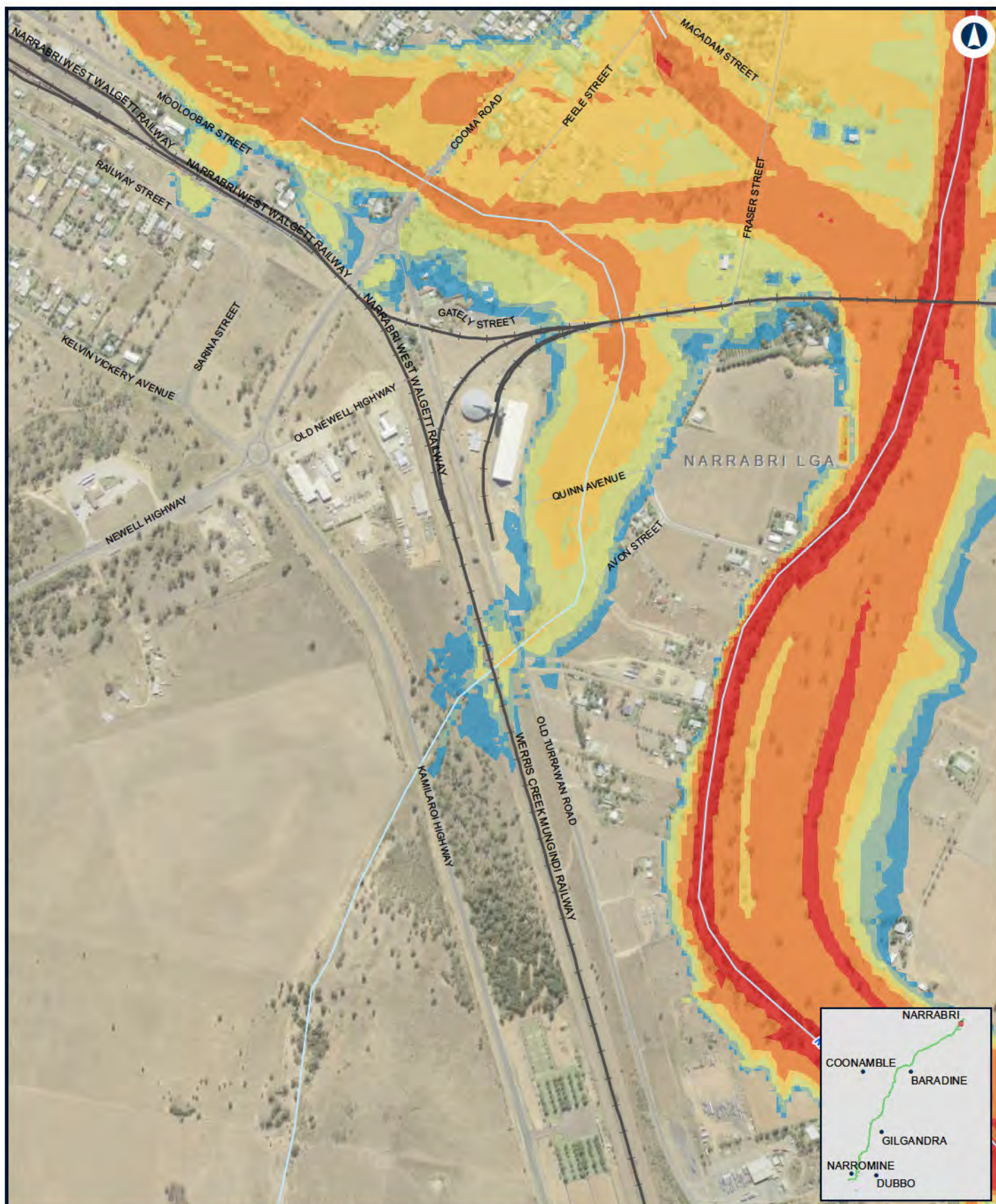
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LEGEND

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NARRABRI TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.38

0 0.1 0.2
Km

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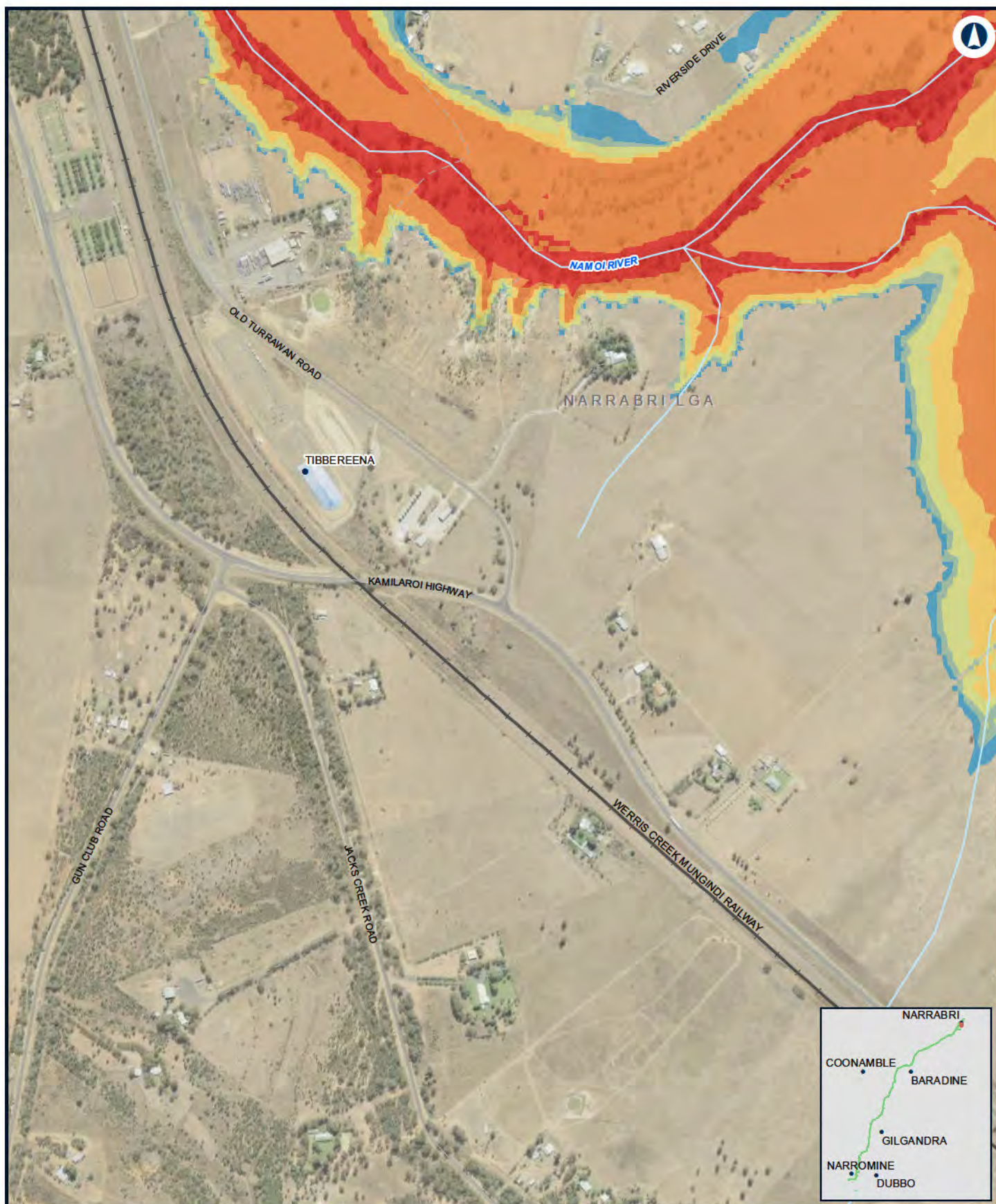
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.39

0 0.1 0.2
Km

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - Narrabri Regional

Appendix A - Figure 1.32.40

0 0.1 0.2
Km

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