

TECHNICAL REPORT 03

Updated flooding and hydrology assessment

Appendix N Assessment of local and regional flooding at Narrabri

(Part 6 of 25)

NARROMINE TO NARRABRI PROJECT



TECHNICAL REPORT 03

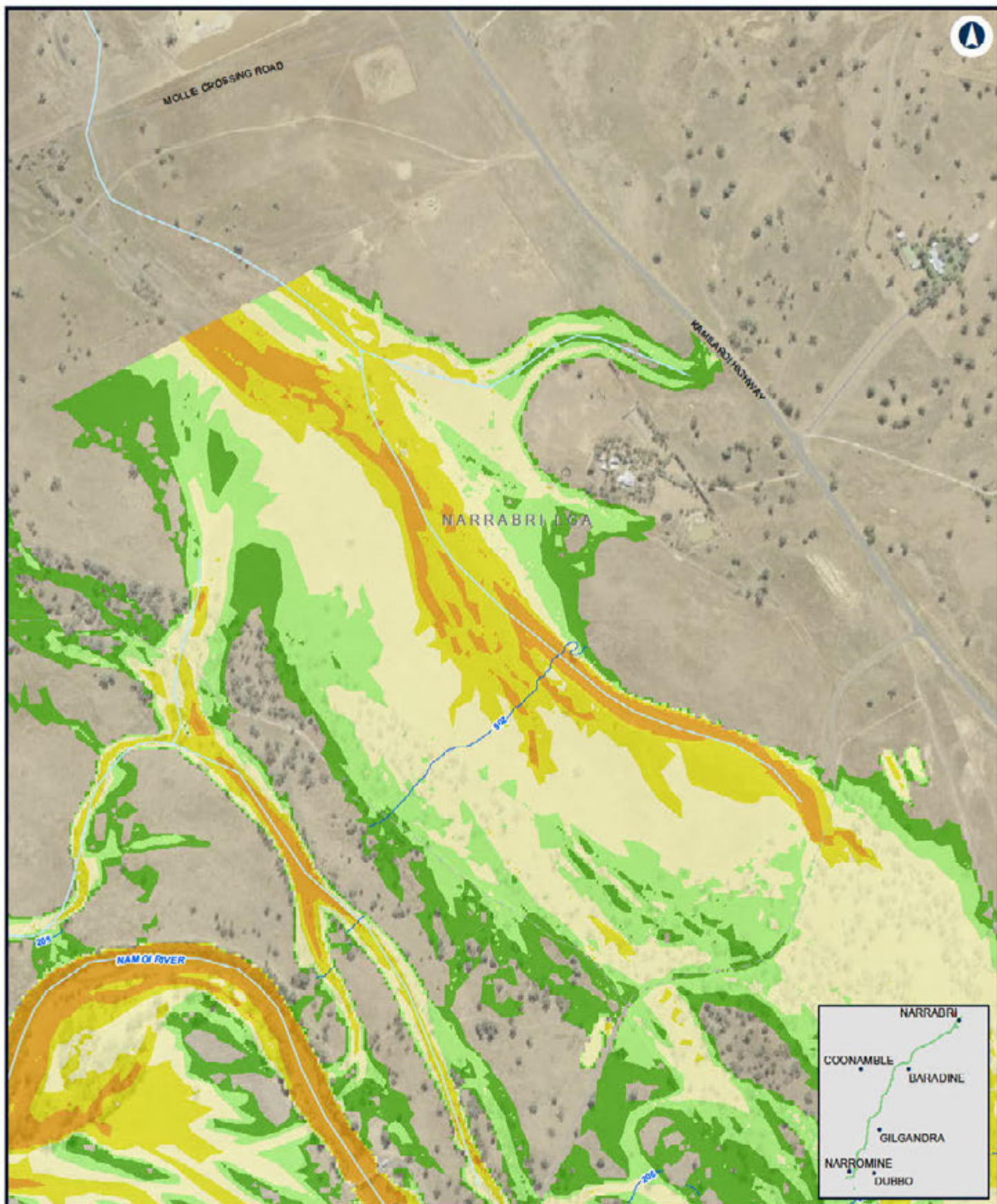
Updated flooding and hydrology assessment

Appendix A Existing and operational flooding

Appendix A5 Narrabri regional (existing flooding 20%)

NARROMINE TO NARRABRI PROJECT





NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.1

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

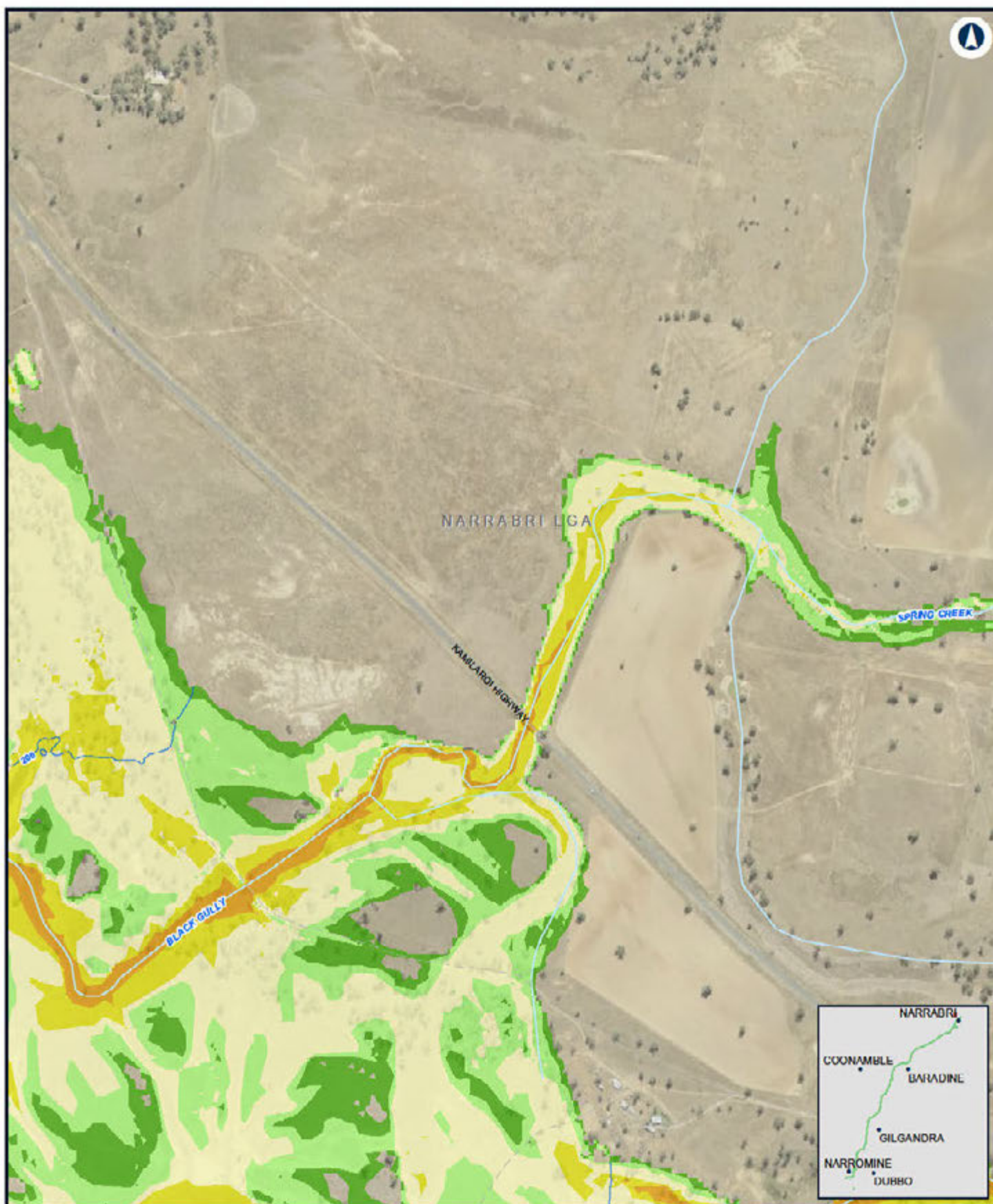
— Flood level (mAHD)

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.



NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.2

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.3

0 0.1 0.2
Km

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Data Sources: Basemap layers: NSWSS;

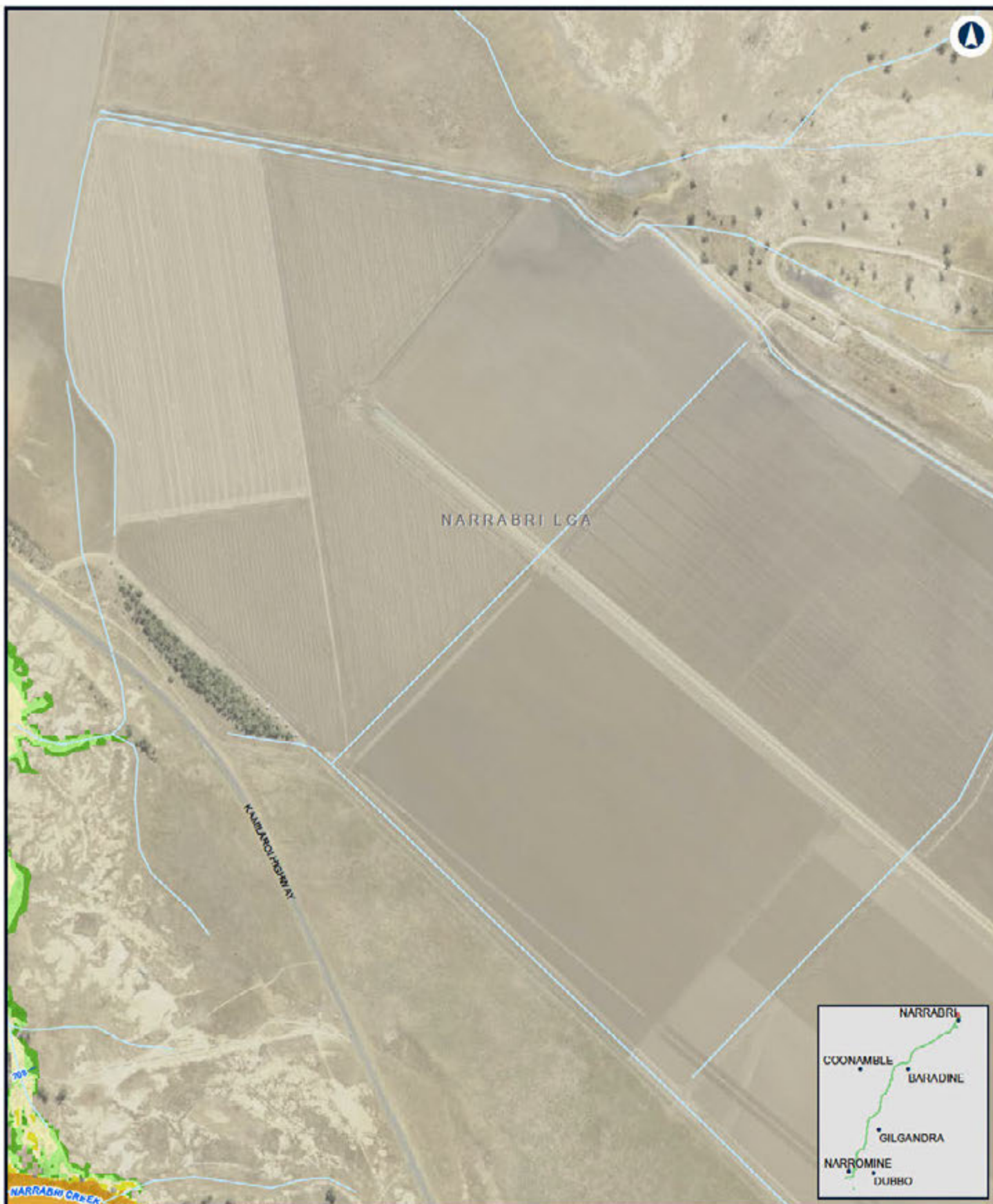
LEGEND

Flood depth

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

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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.4

0 0.1 0.2
Km

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Data Sources: Basemap layers: NSWSS;

LEGEND

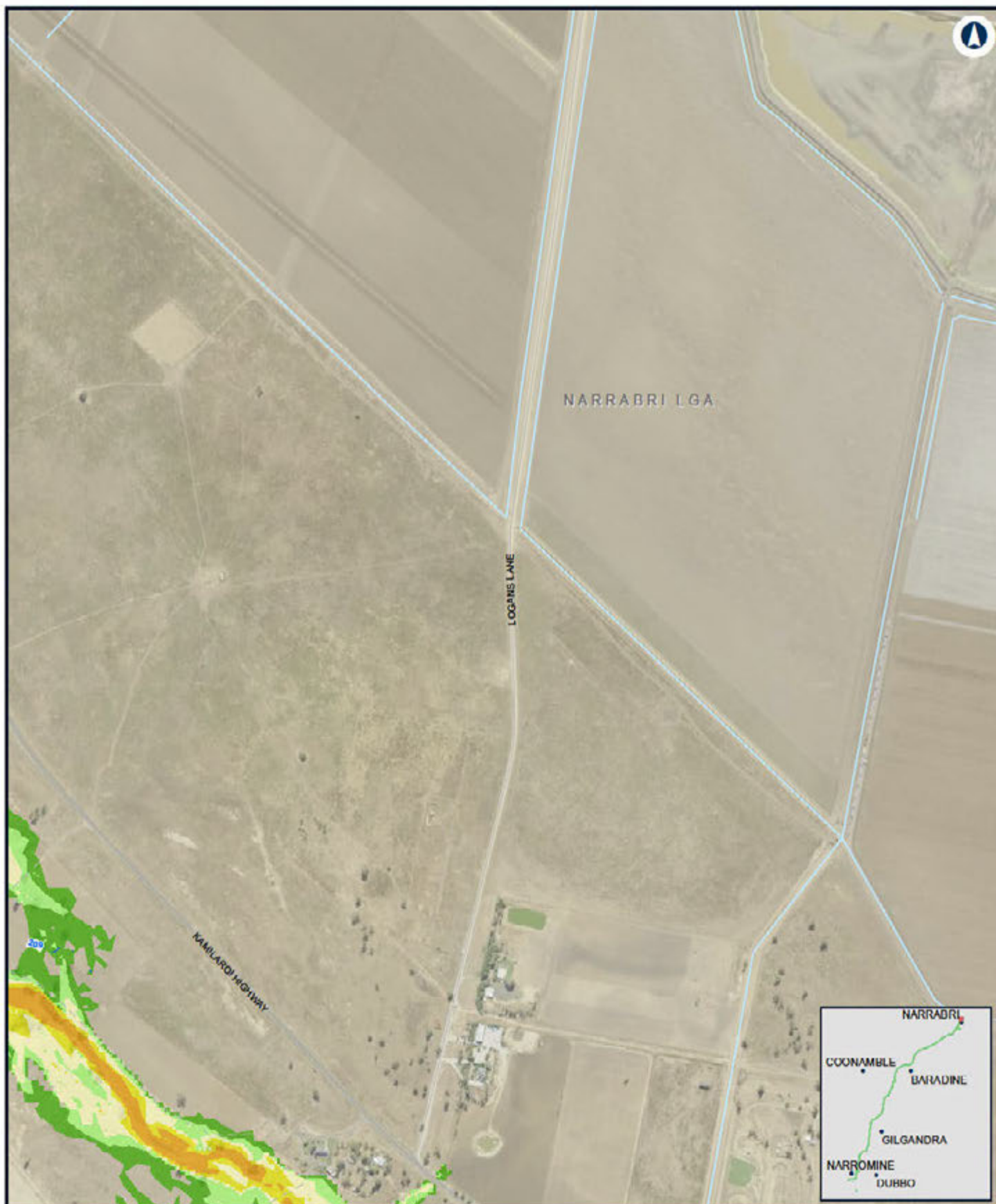
— Flood level (mAID)

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.5

0 0.1 0.2
Km

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LEGEND

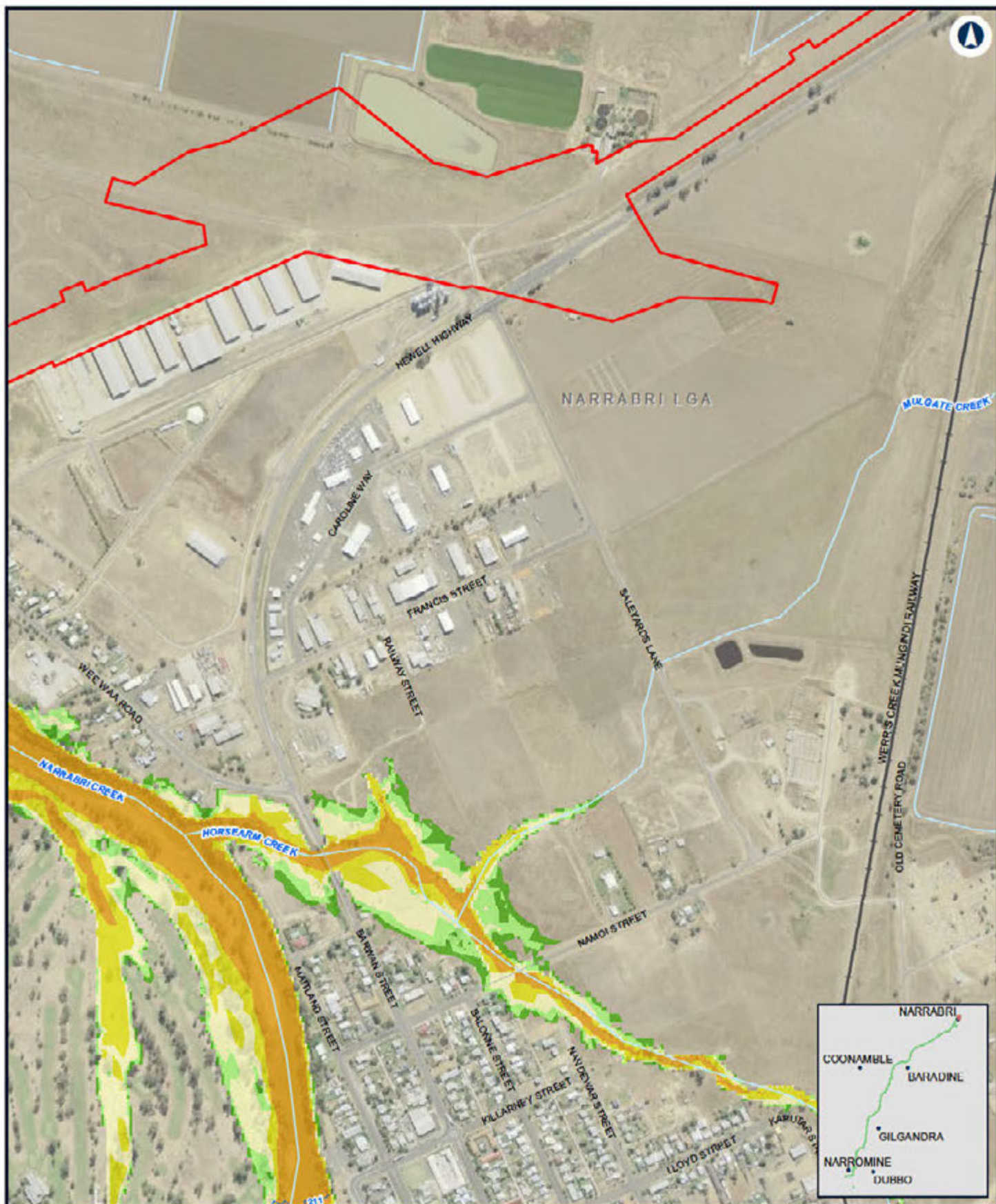
— Flood level (mAHD)

Flood depth

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

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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.6

0 0.1 0.2
Km

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Date: 15/03/2022 Paper: A4
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Data Sources: Basemap layers: NSWSS;

LEGEND

- The proposal
- Flood level (MAHD)
- Flood depth**
 - 0.0m - 0.25m
 - 0.26m - 0.6m
 - 0.5m - 1.0m
 - 1.0m - 2.0m
 - > 2.0m

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.7

0 0.1 0.2
Km

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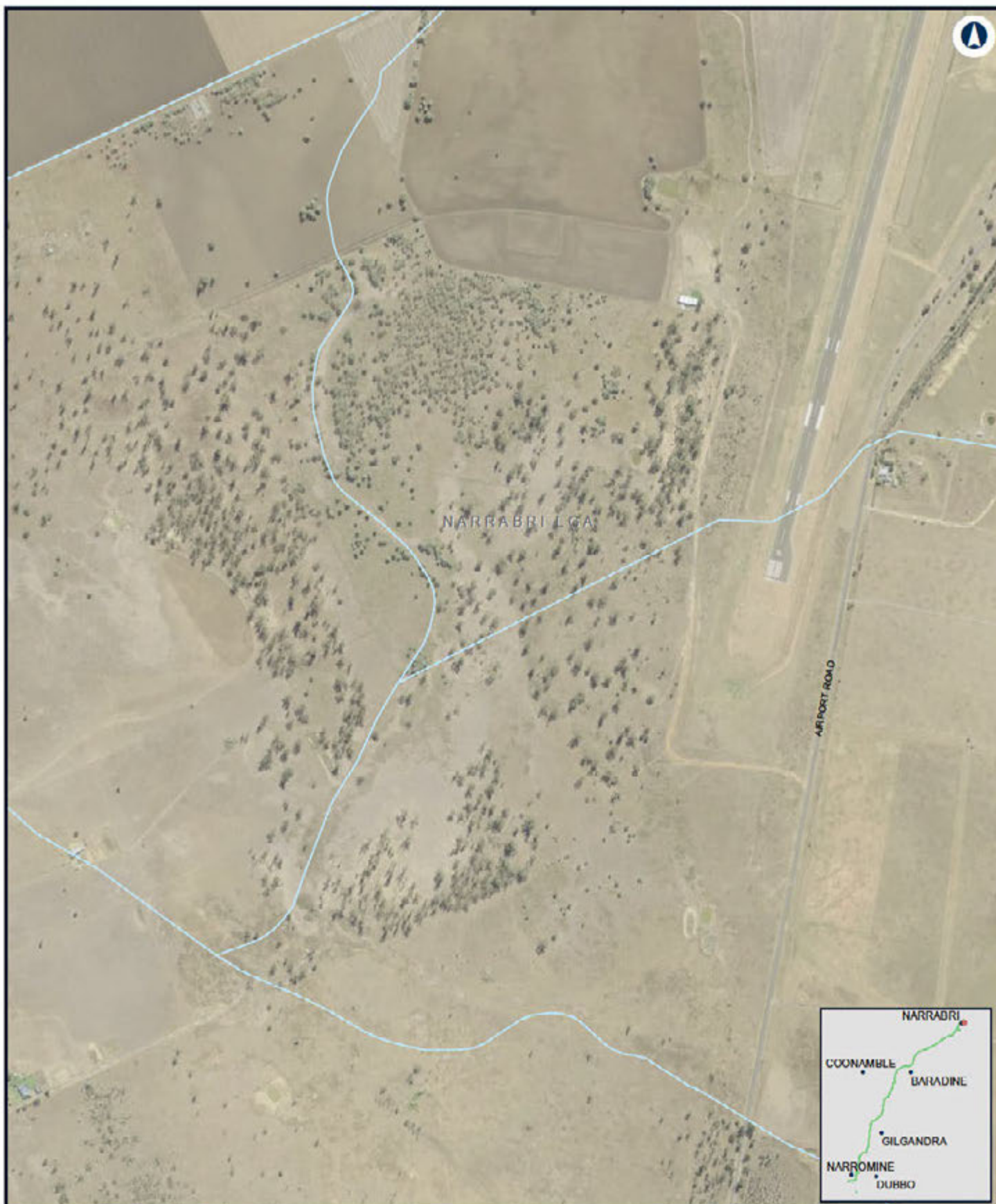
LEGEND

Flood depth

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.8

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.9

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Data Sources: Basemap layers: NSWSS;

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.10

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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

LEGEND

— Flood level (mAHD)

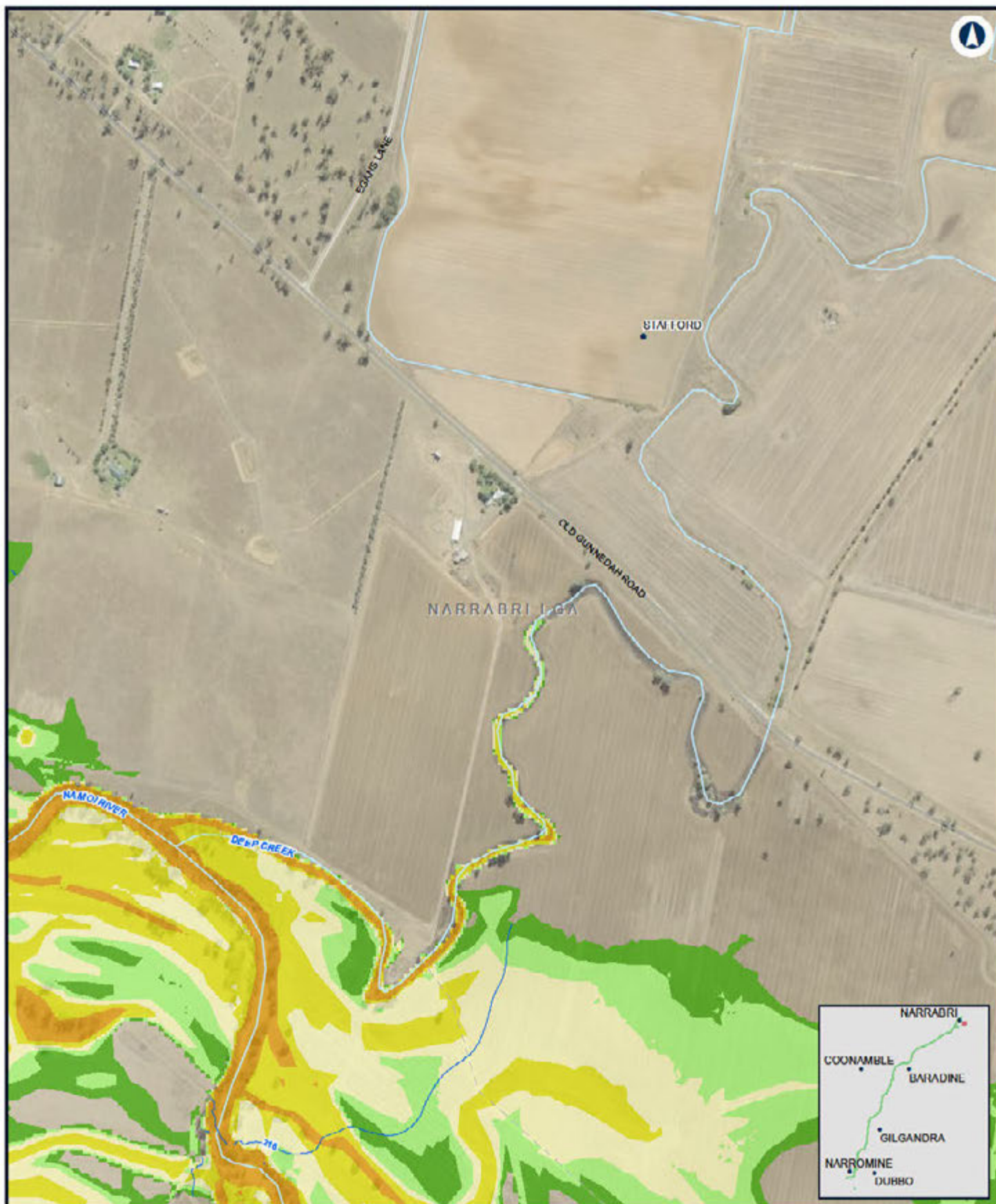
Flood depth

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

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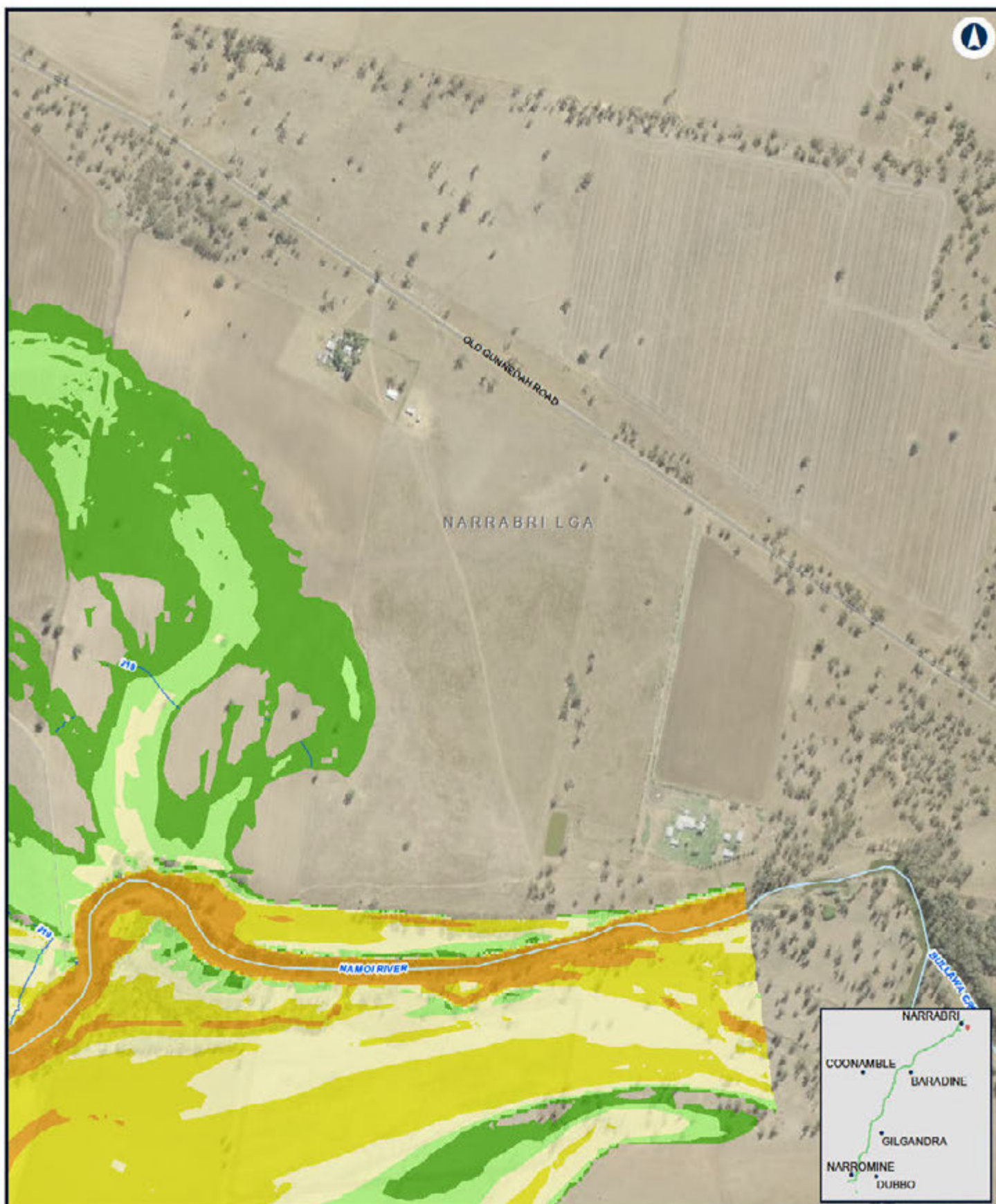
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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.11



NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.12

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

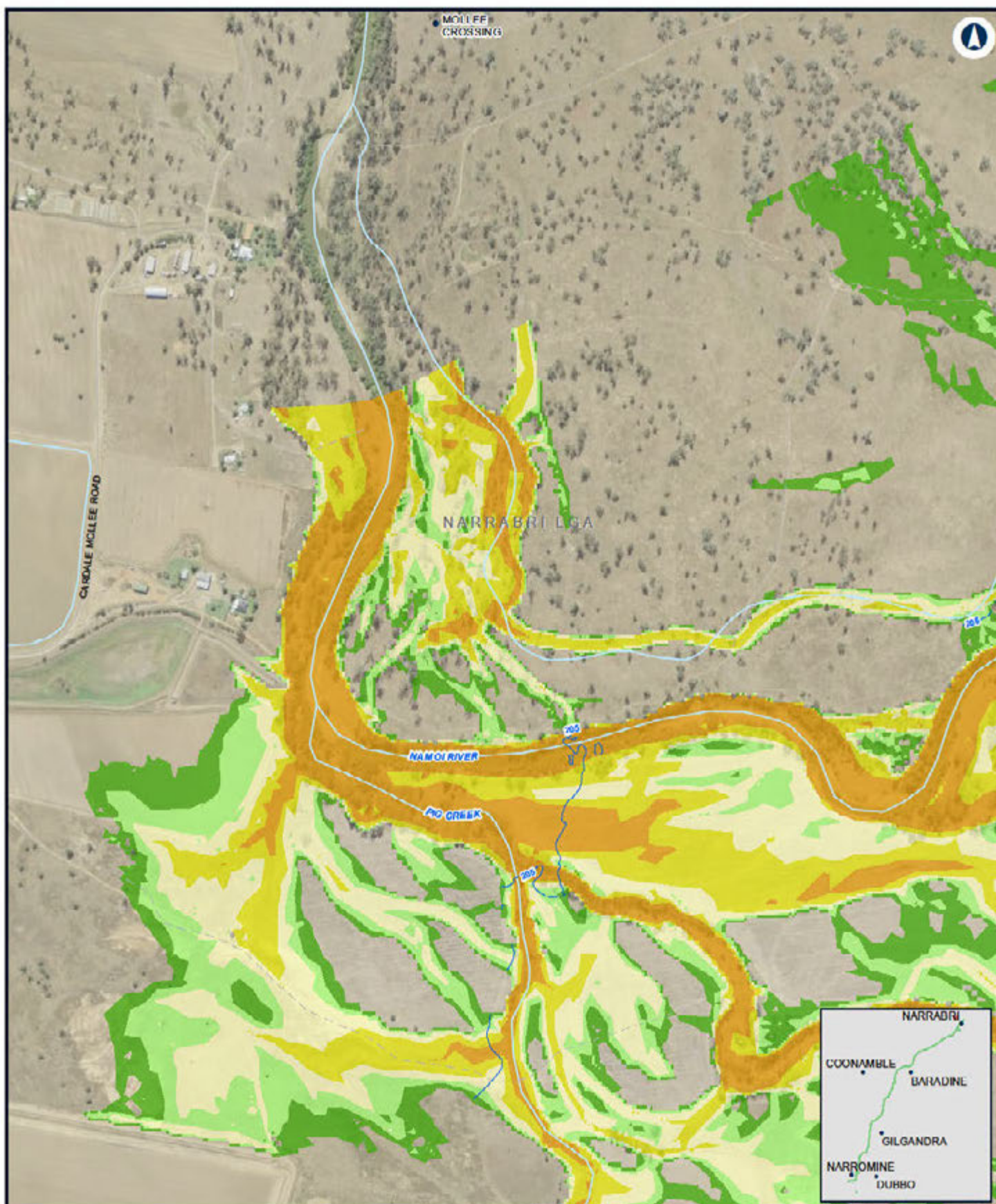
— Flood level (mAHD)

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.13

0 0.1 0.2
Km

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LEGEND

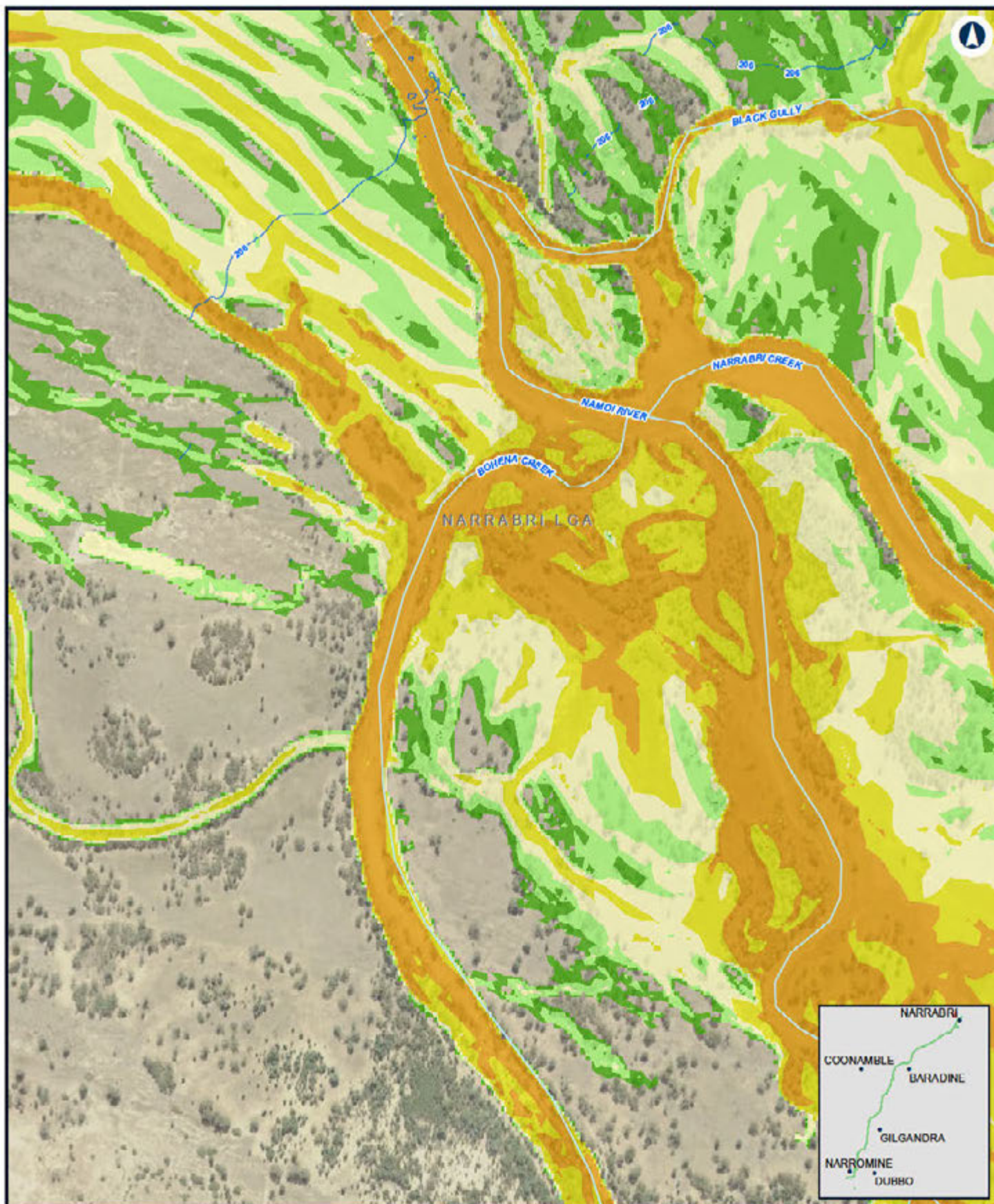
— Flood level (mAHD)

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.14

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.15

0 0.1 0.2
Km

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LEGEND

— Flood level (mAHD)

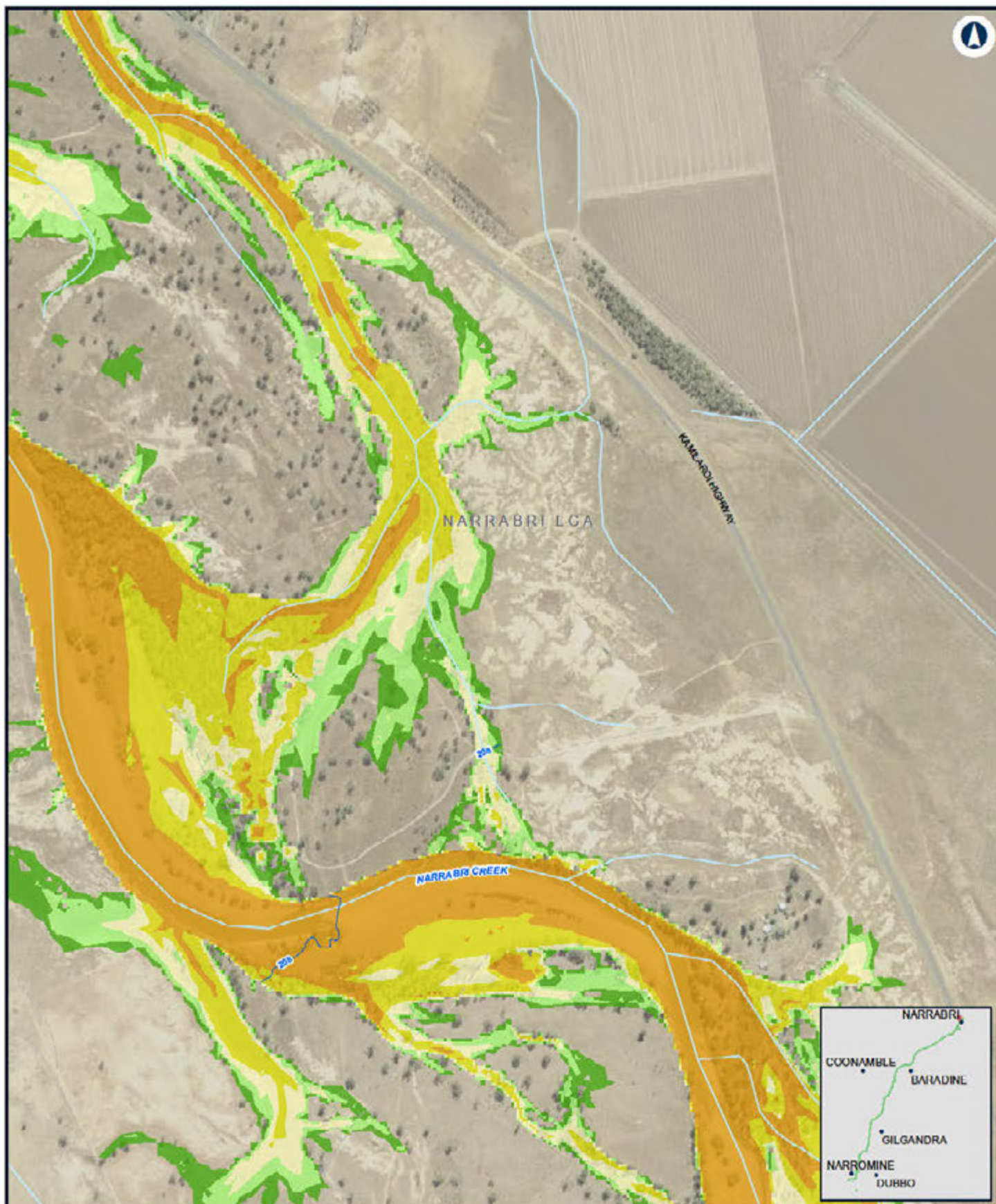
Flood depth

- 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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.16

0 0.1 0.2
Km

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LEGEND

— Flood level (mAHD)

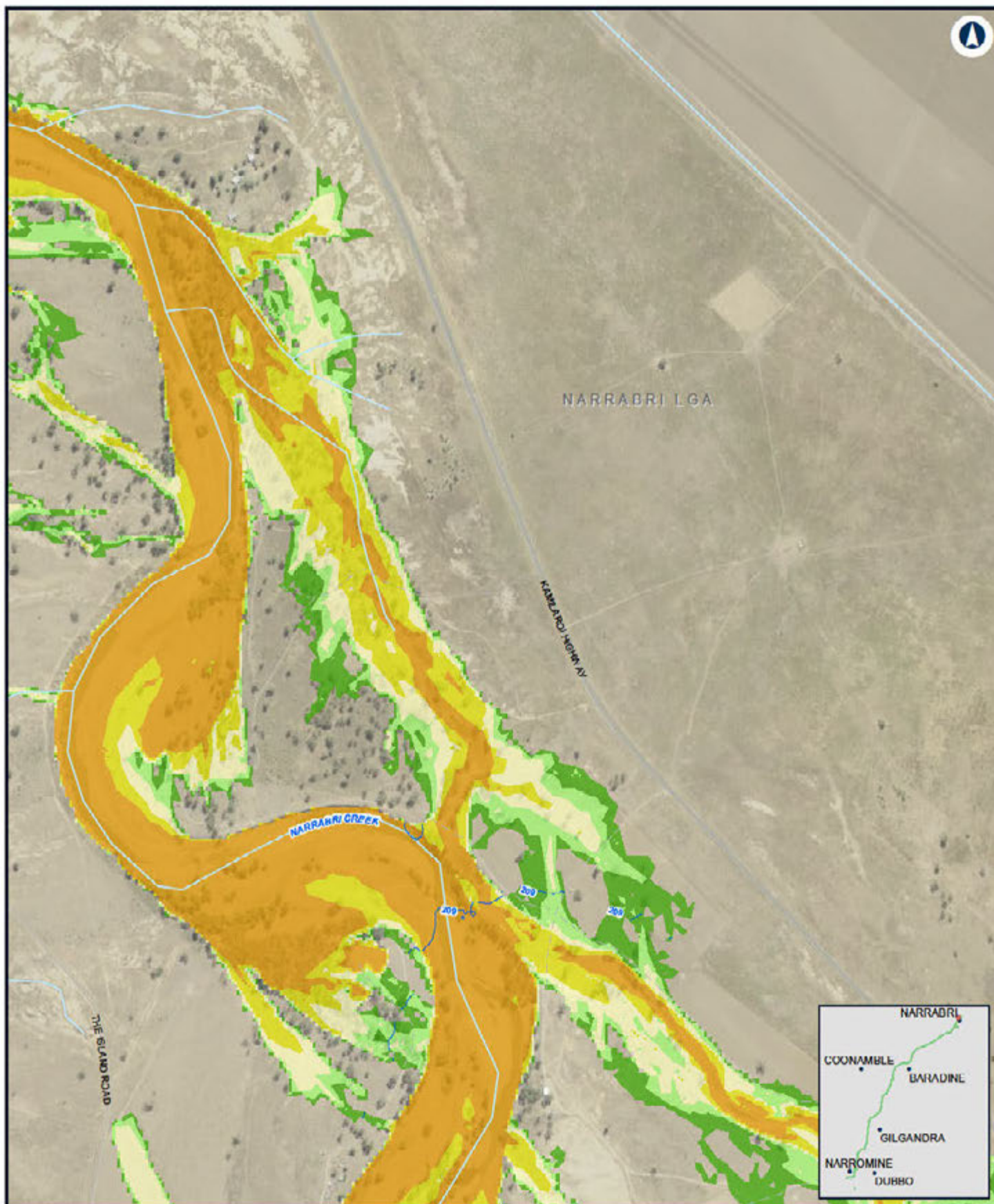
Flood depth

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.17

0 0.1 0.2
Km

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LEGEND

— Flood level (mAHD)

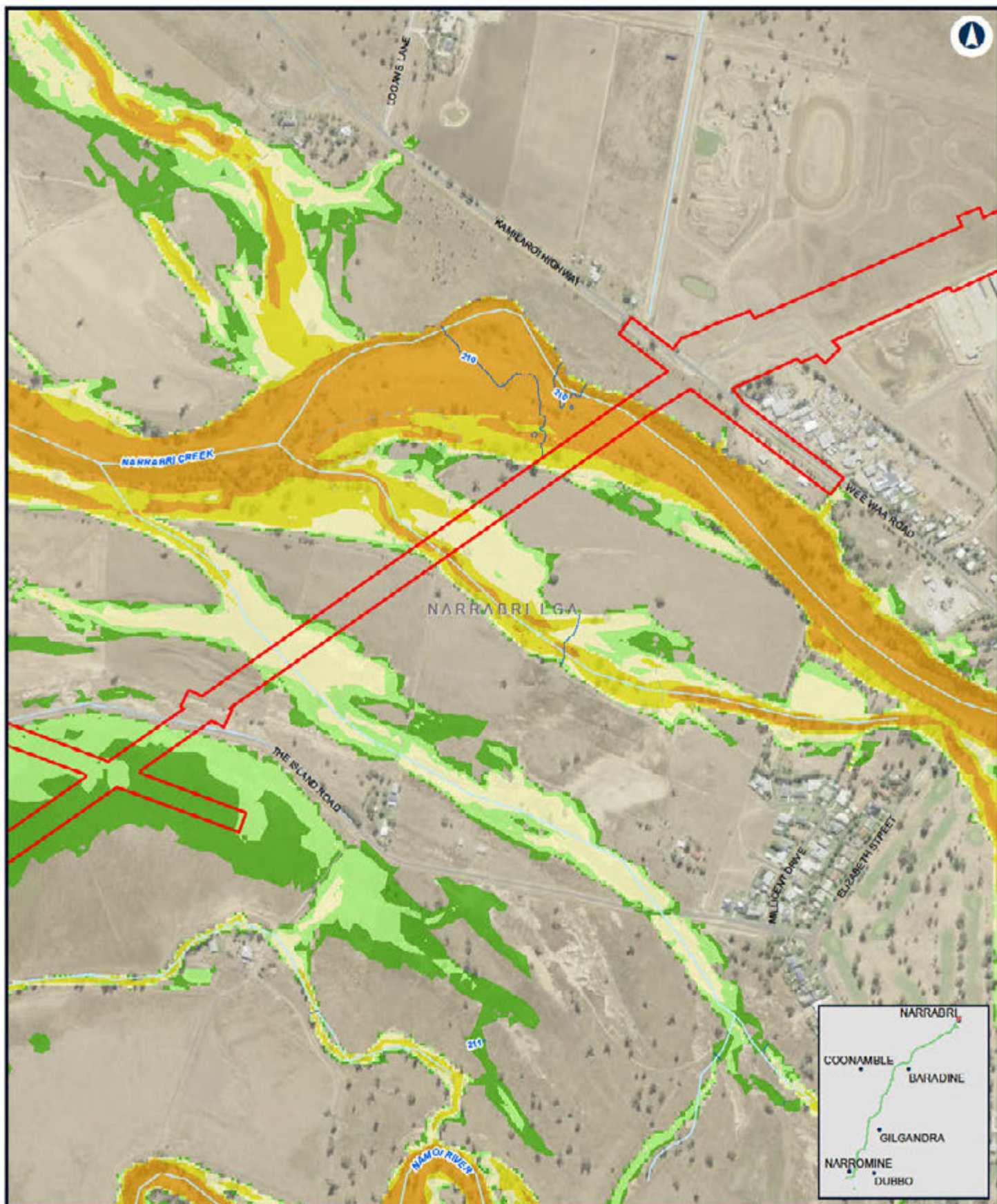
Flood depth

- 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) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.18

0 0.1 0.2
Km

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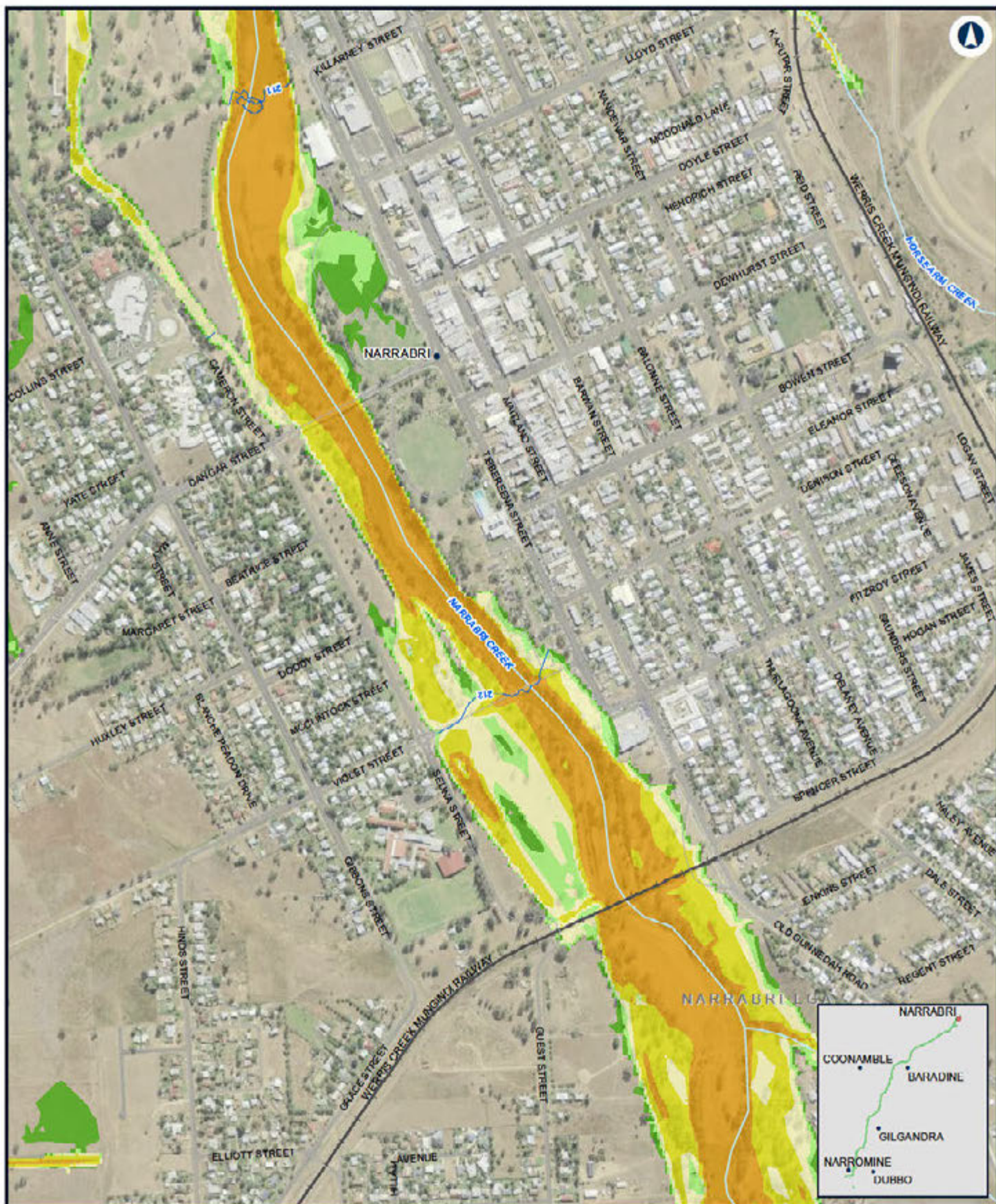
Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

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) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.19

0 0.1 0.2
Km

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LEGEND

— Flood level (mAHD)

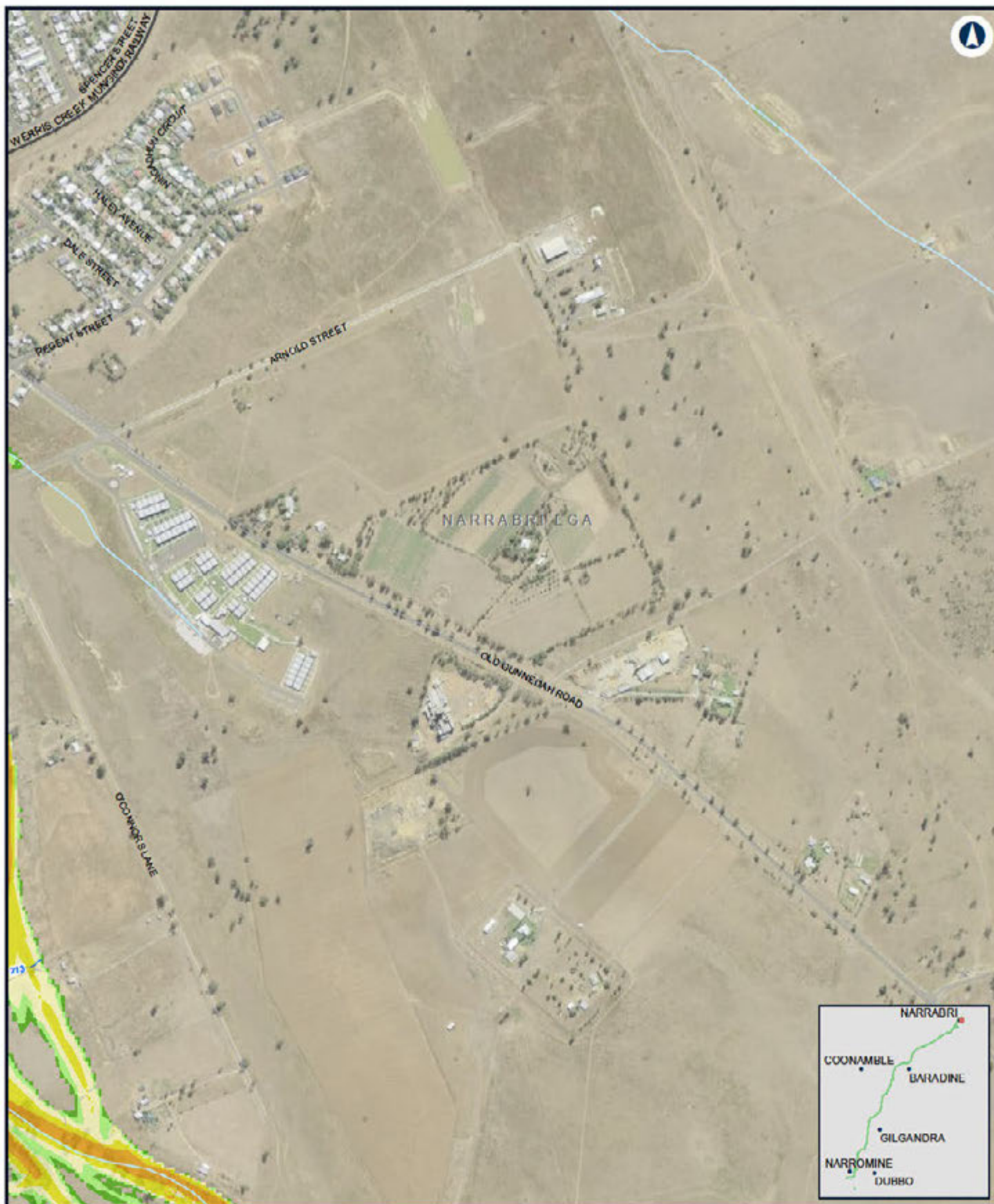
Flood depth

- 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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.20

0 0.1 0.2
Km

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LEGEND

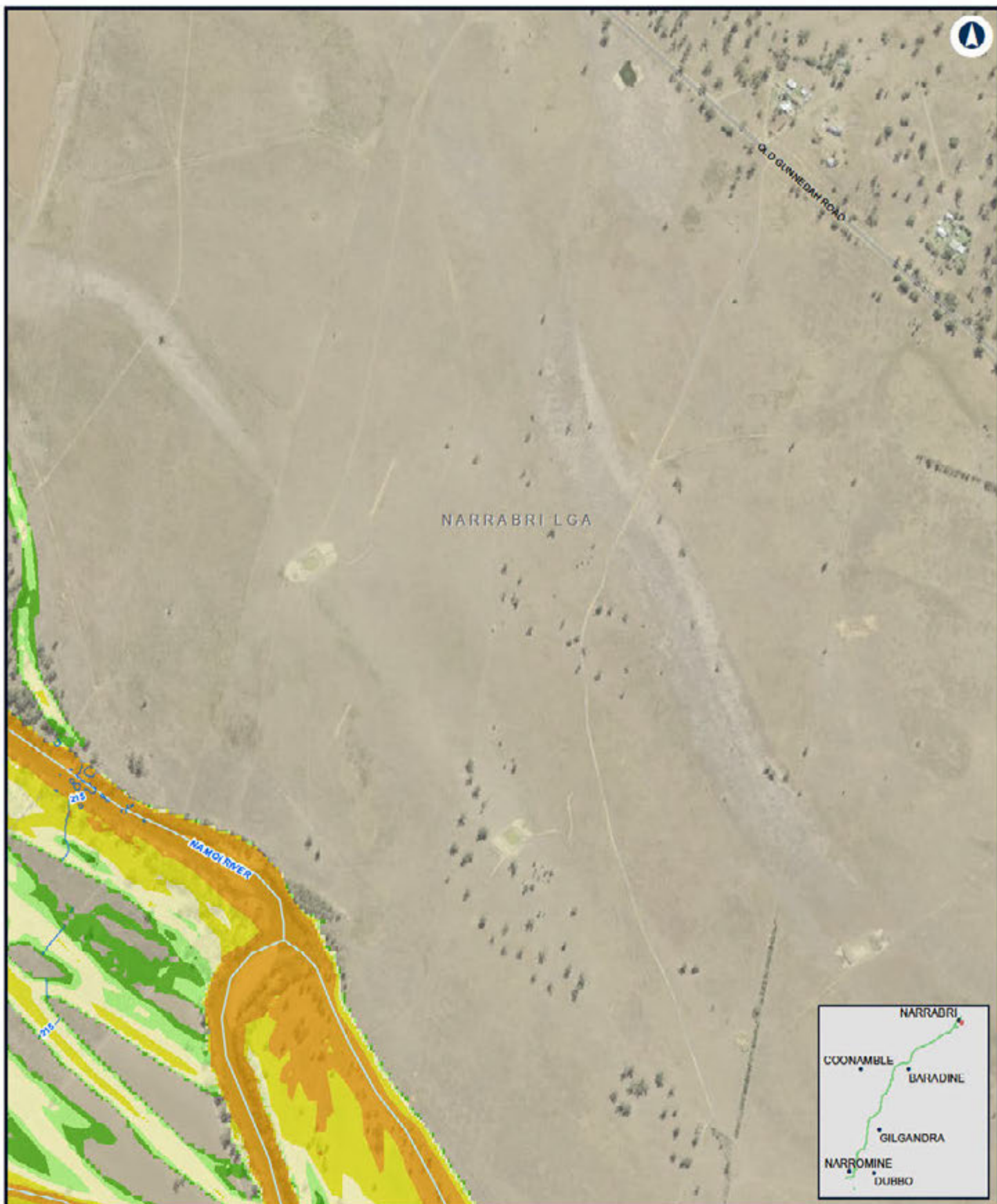
— Flood level (mAHD)

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.21

0 0.1 0.2
Km

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LEGEND

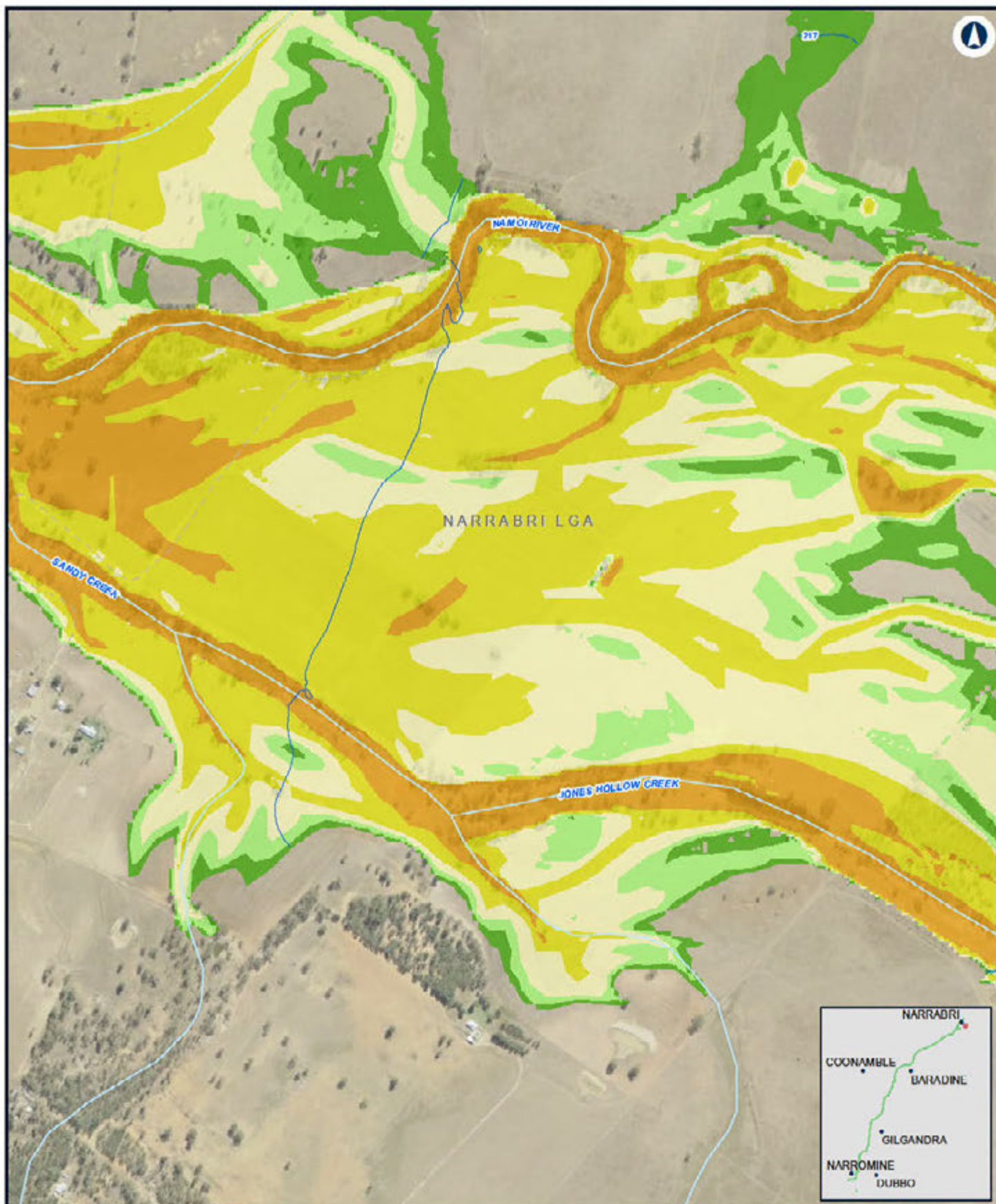
— Flood level (mAHD)

Flood depth

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

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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

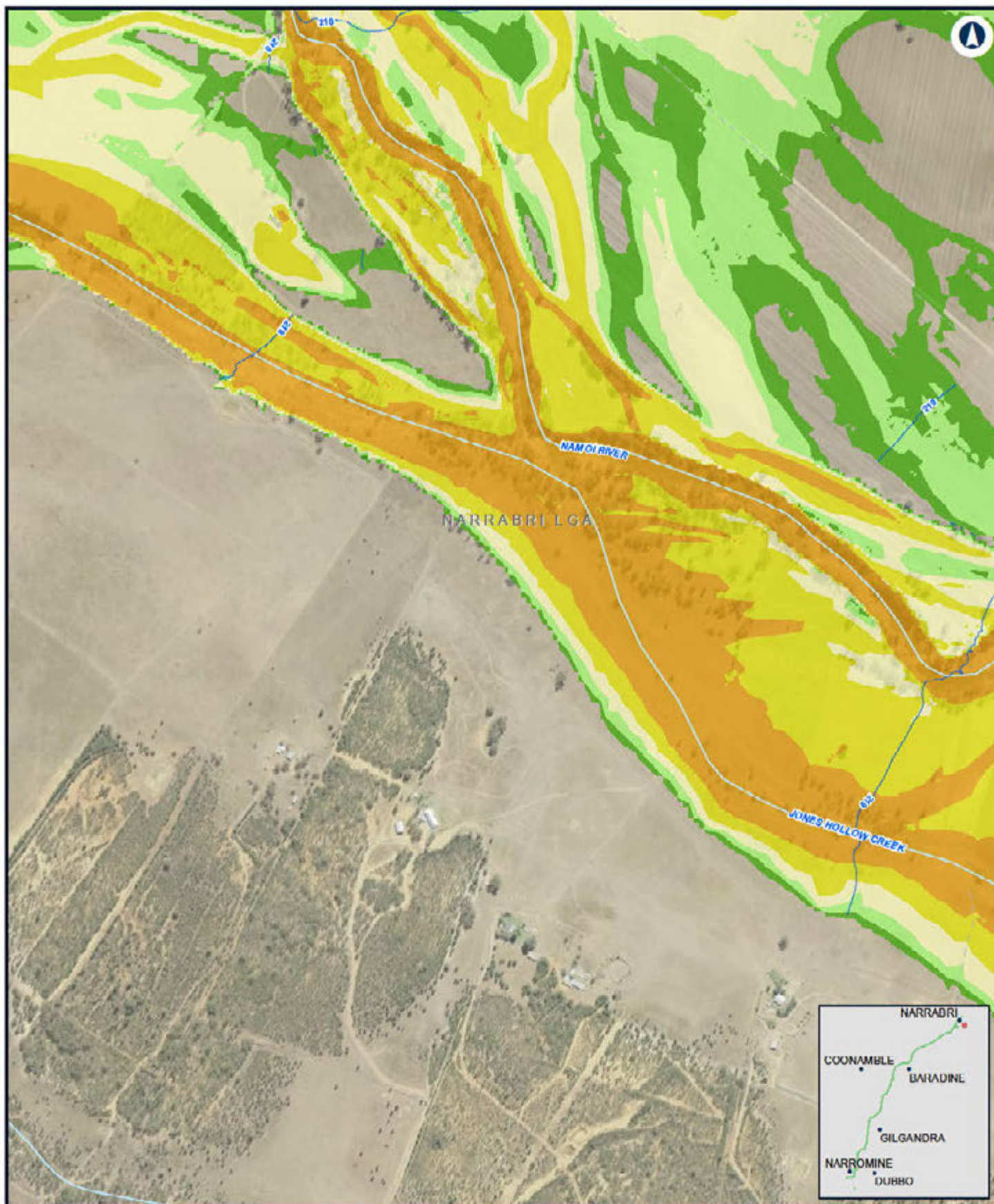
— Flood level (mAHD)

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.23

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

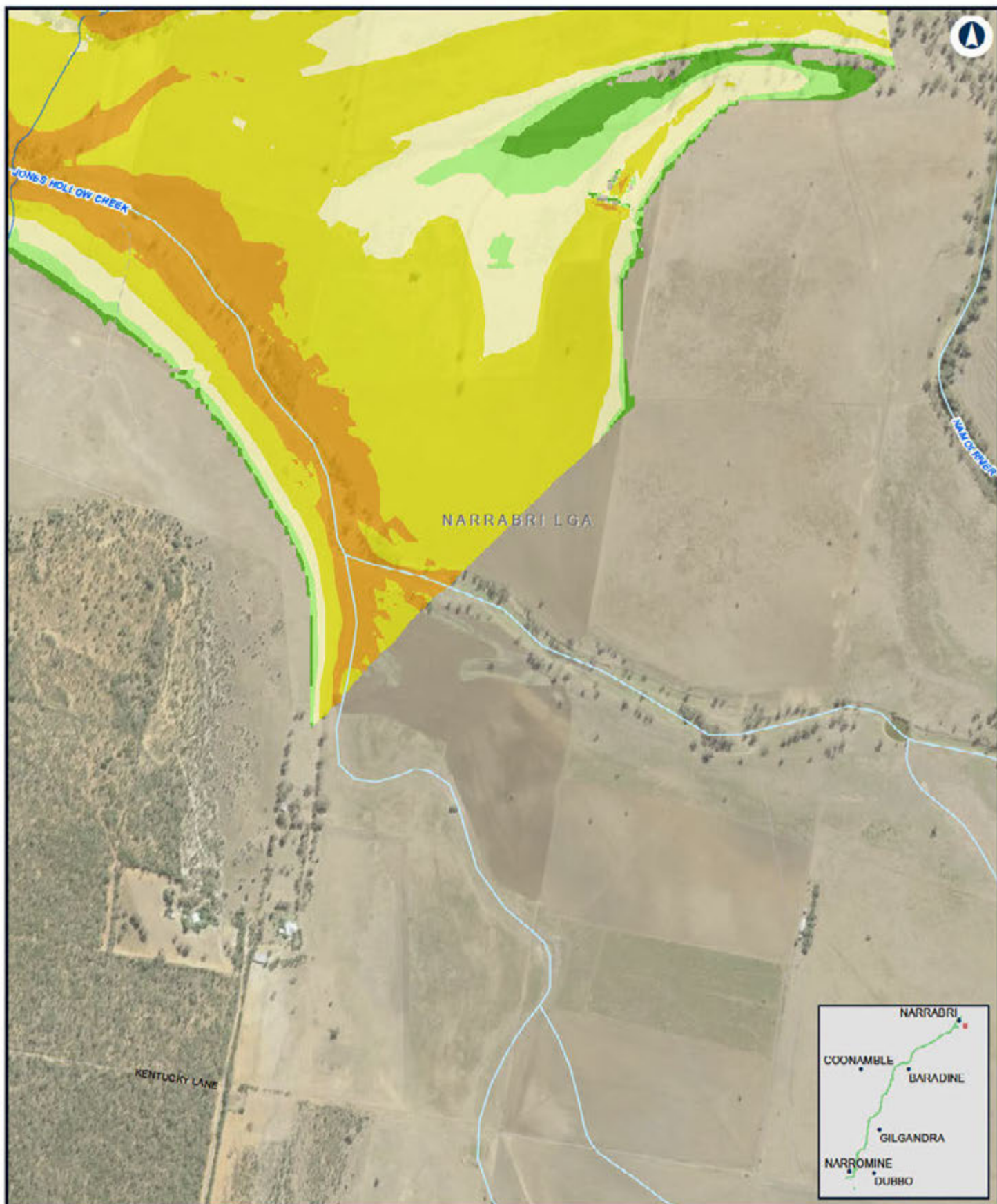
— Flood level (mAHD)

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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.24

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

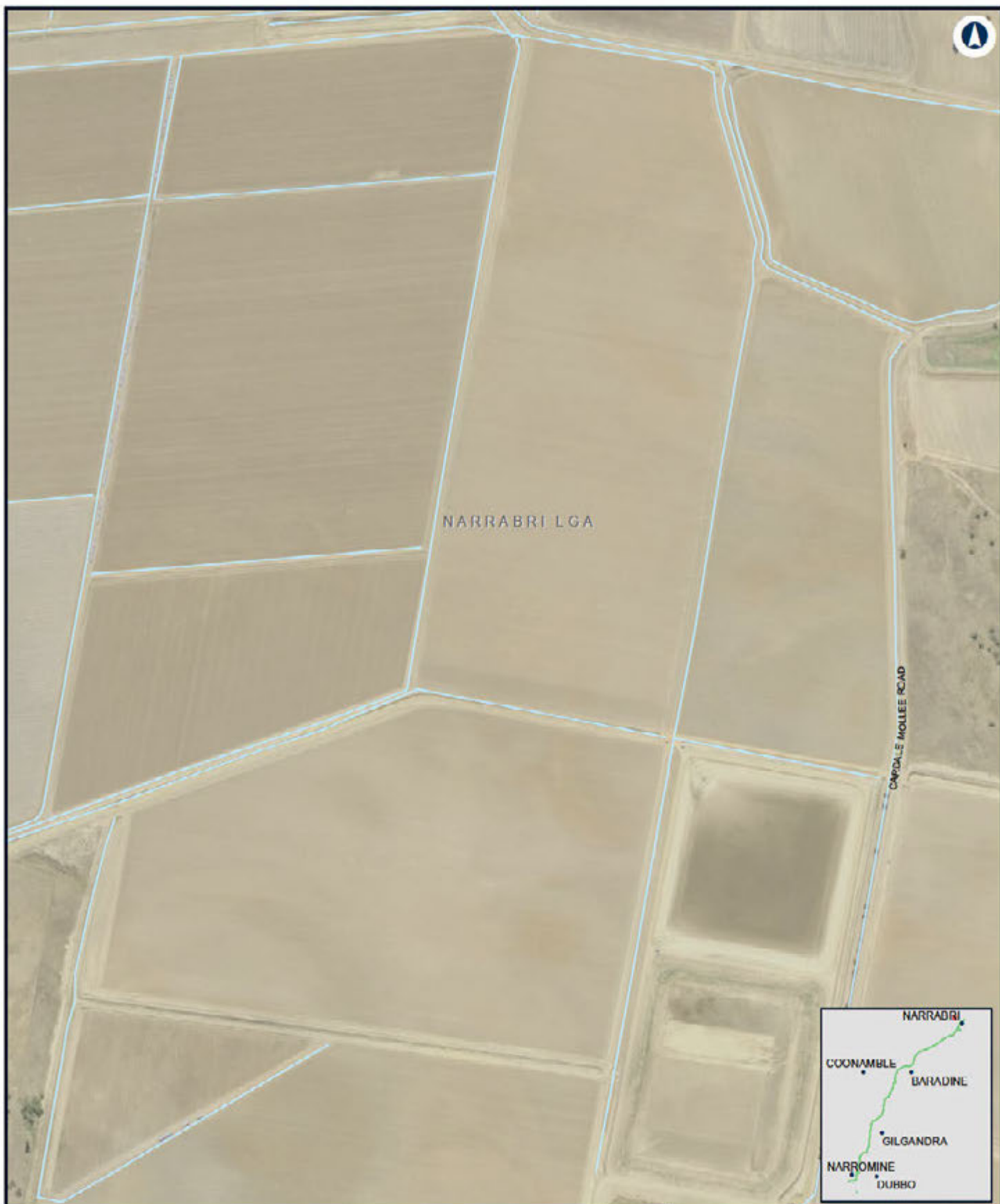
— Flood level (mAHD)

Flood depth

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.25

0 0.1 0.2
Km

LEGEND

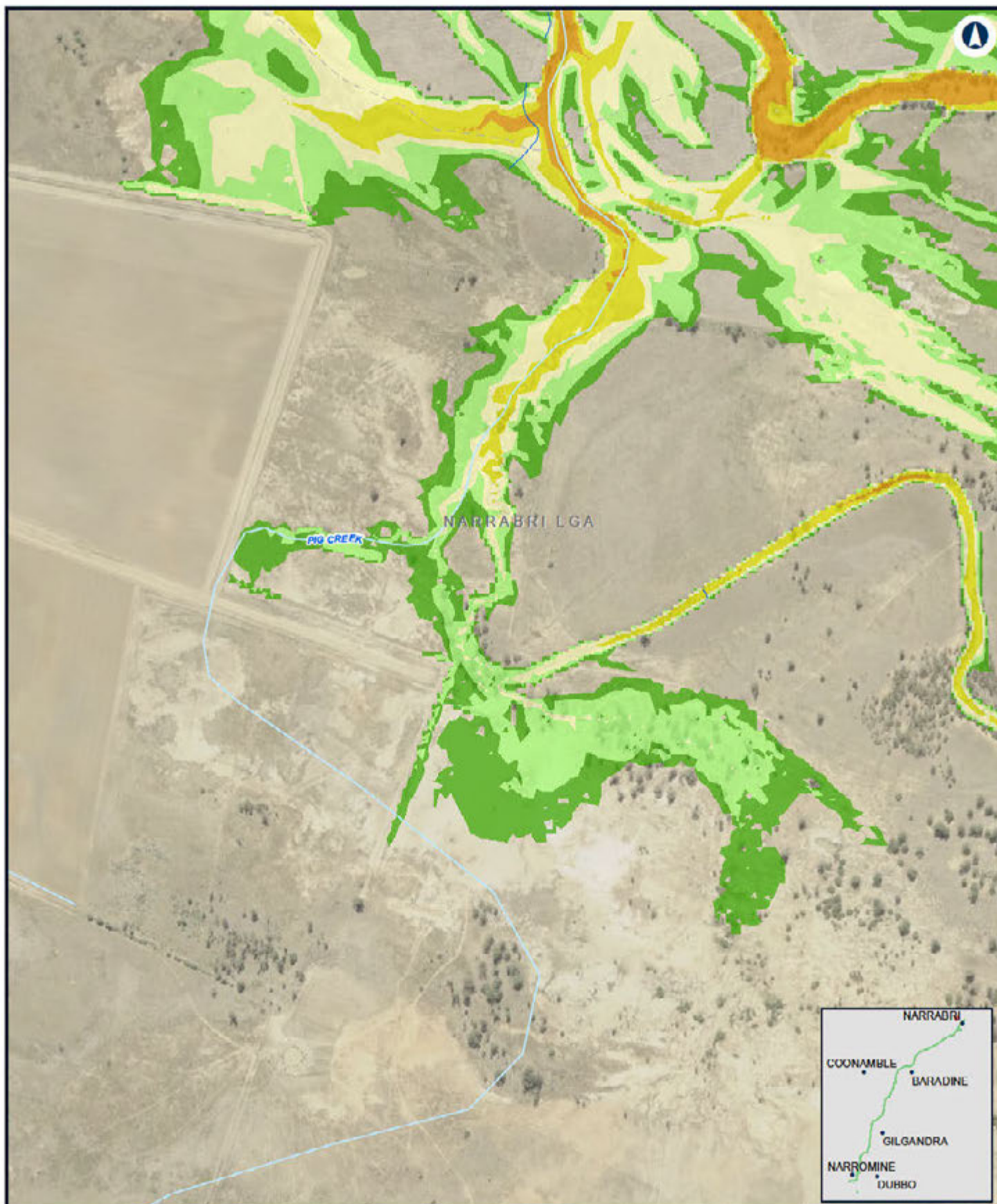
Coordinate System: GDA 1994 MGA Zone 56

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.26

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

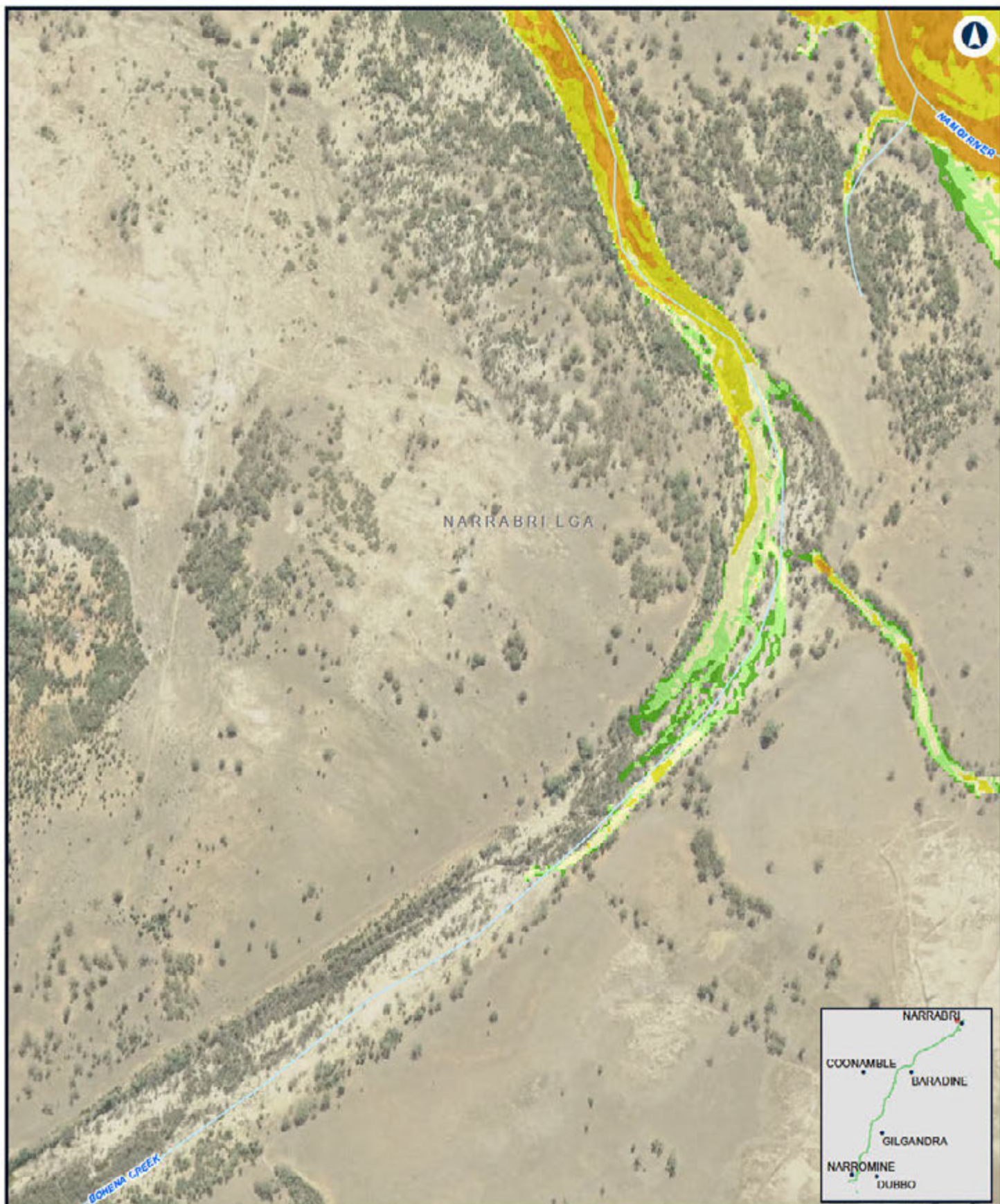
— Flood level (mAHD)

Flood depth

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.27

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

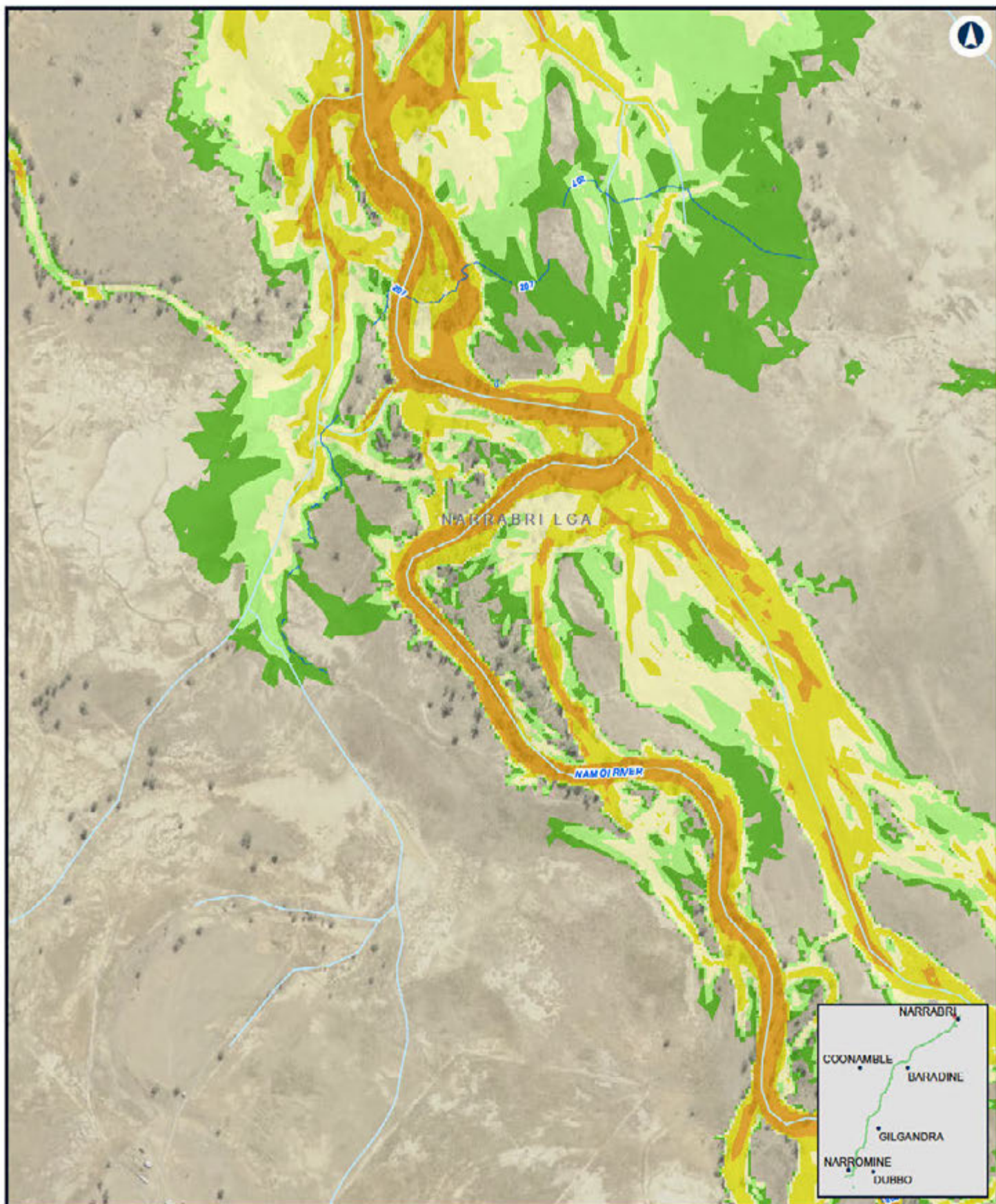
Flood depth

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.28

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

— Flood level (mAID)

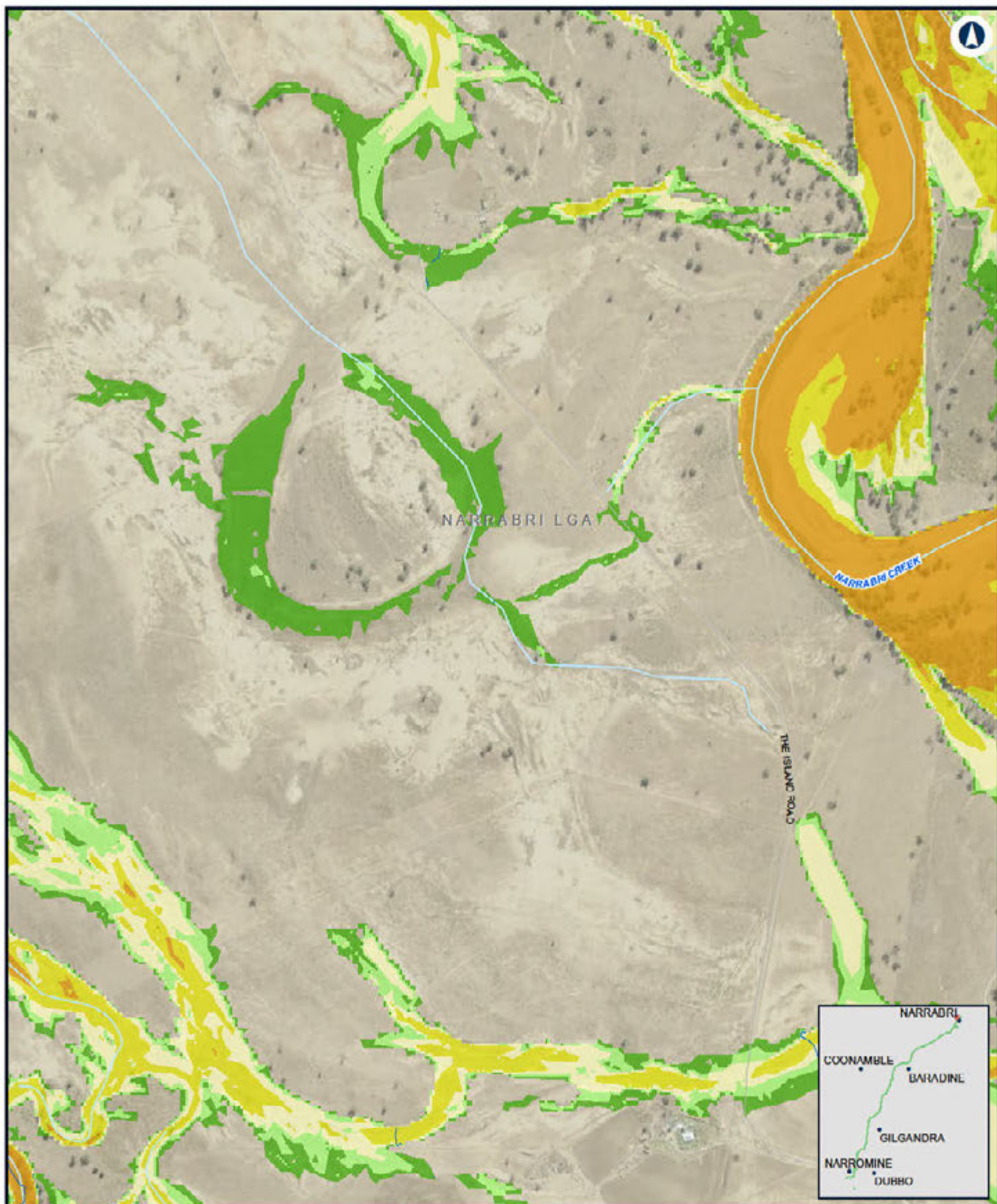
Flood depth

- 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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.29

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

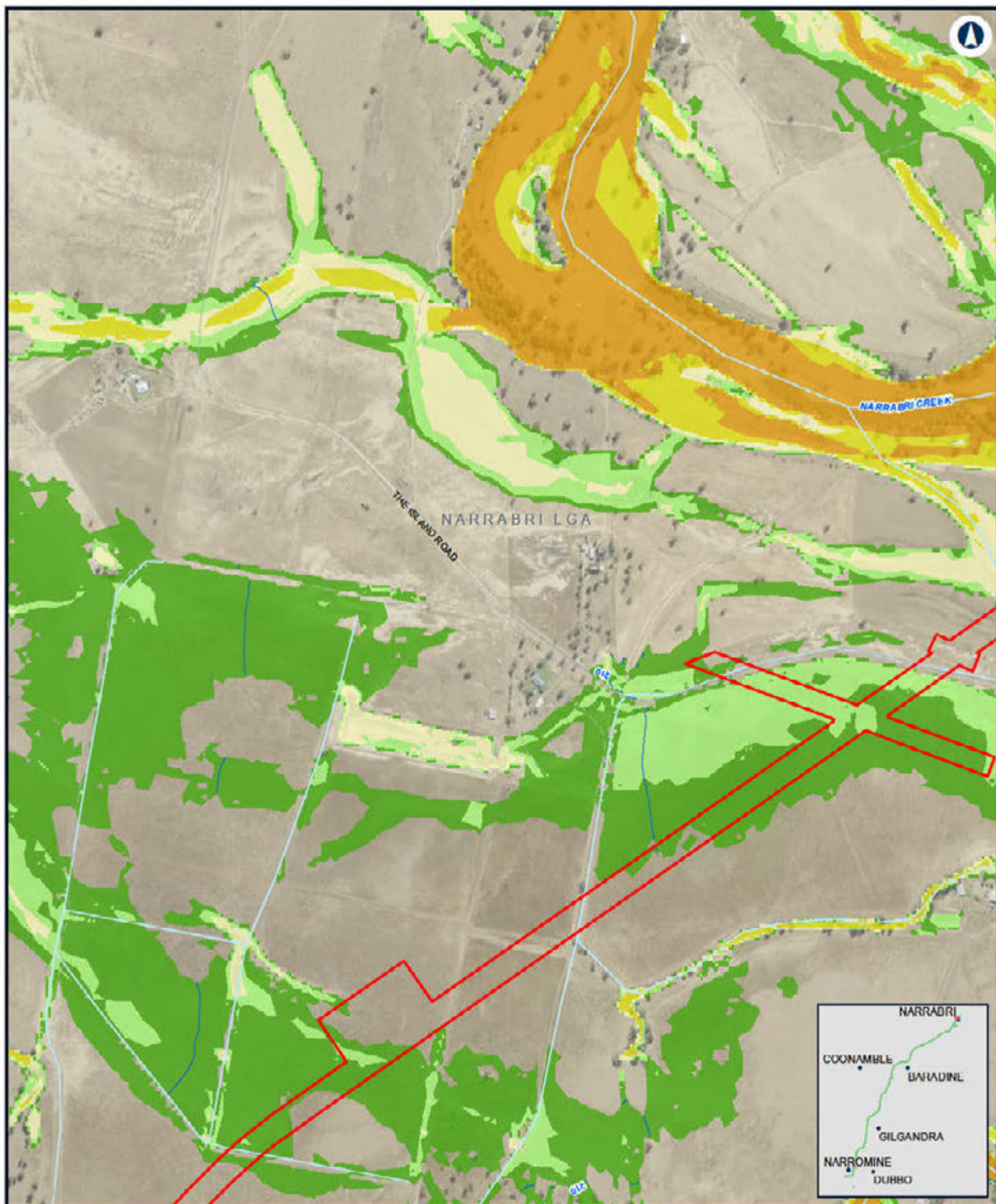
— Flood level (mAHD)

Flood depth

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.30

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56
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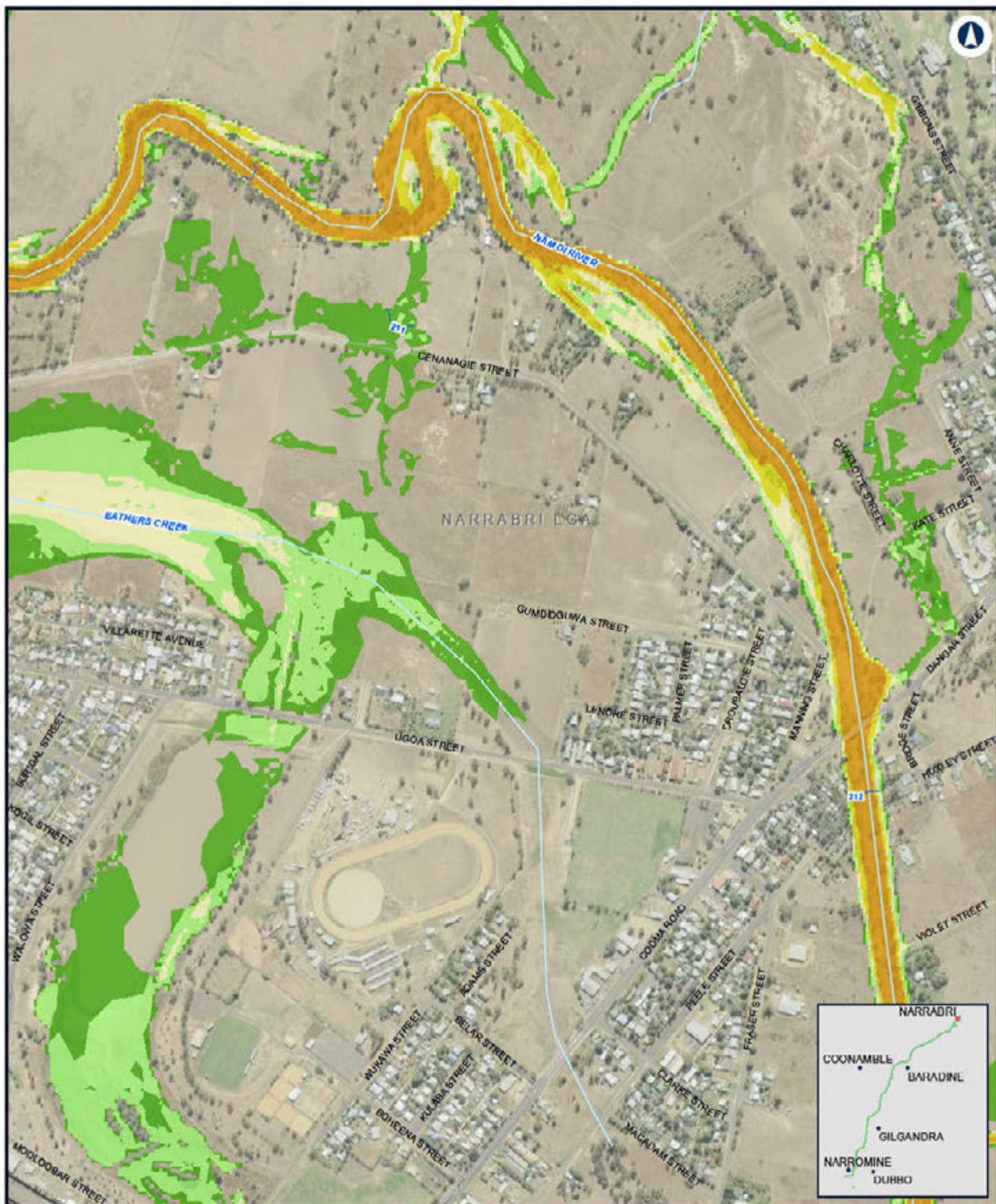
Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

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) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.31

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

— Flood level (mAHD)

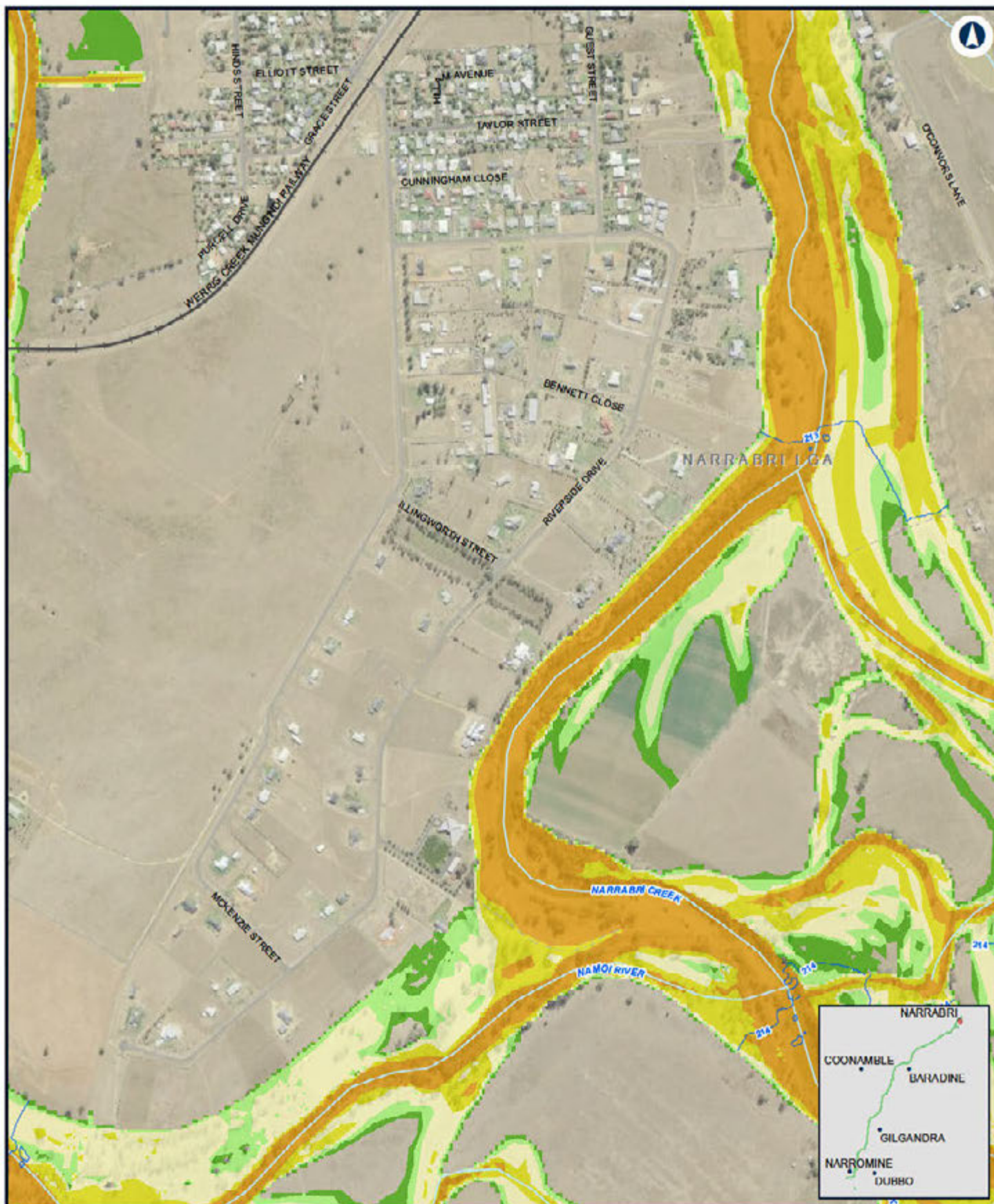
Flood depth

- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.6m - 1.0m
- 1.0m - 2.0m
- > 2.0m

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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.32

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

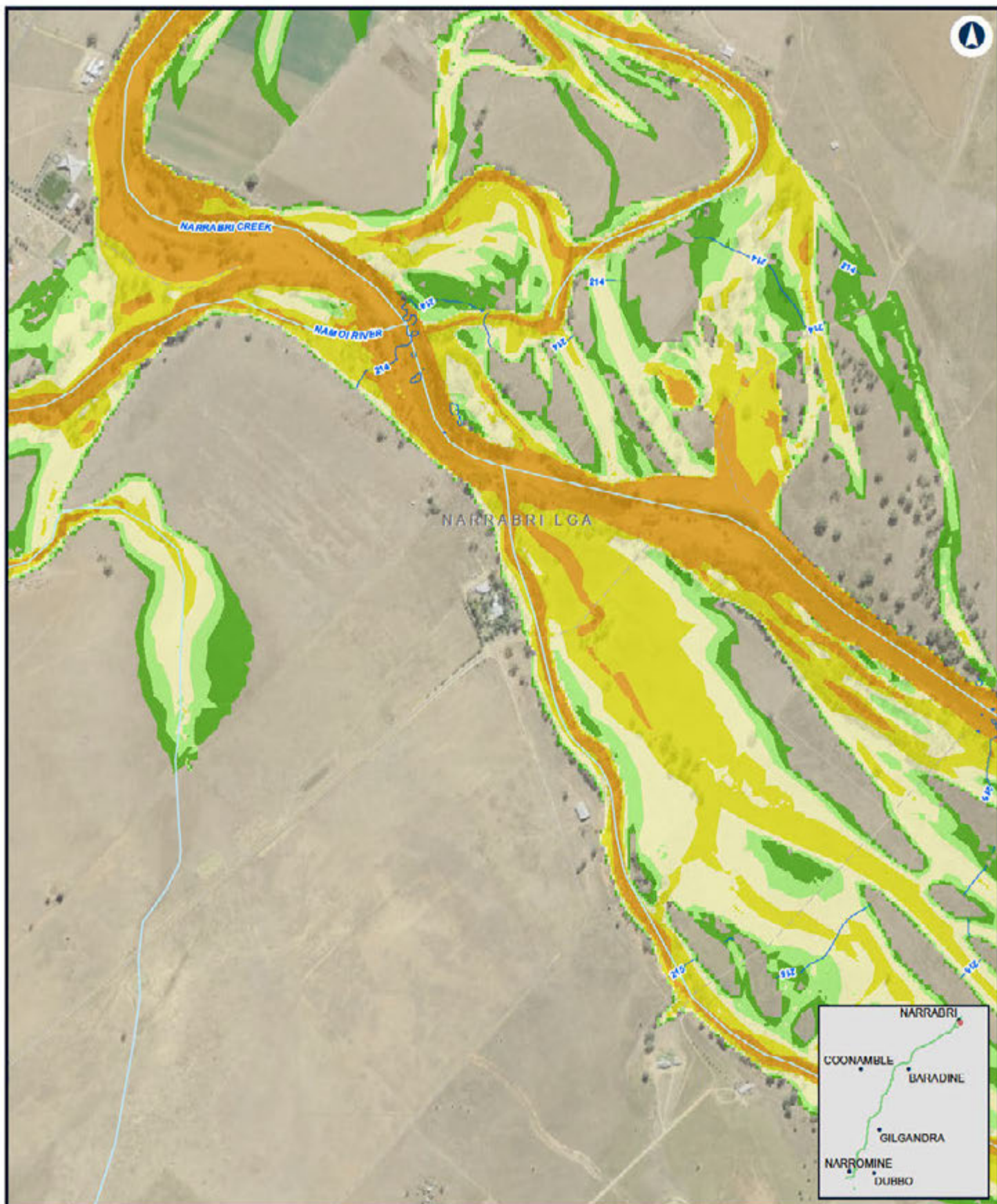
— Flood level (mAHD)

Flood depth

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

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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.33

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;



NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.34

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 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) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.3.5

0 0.1 0.2
Km

LEGEND

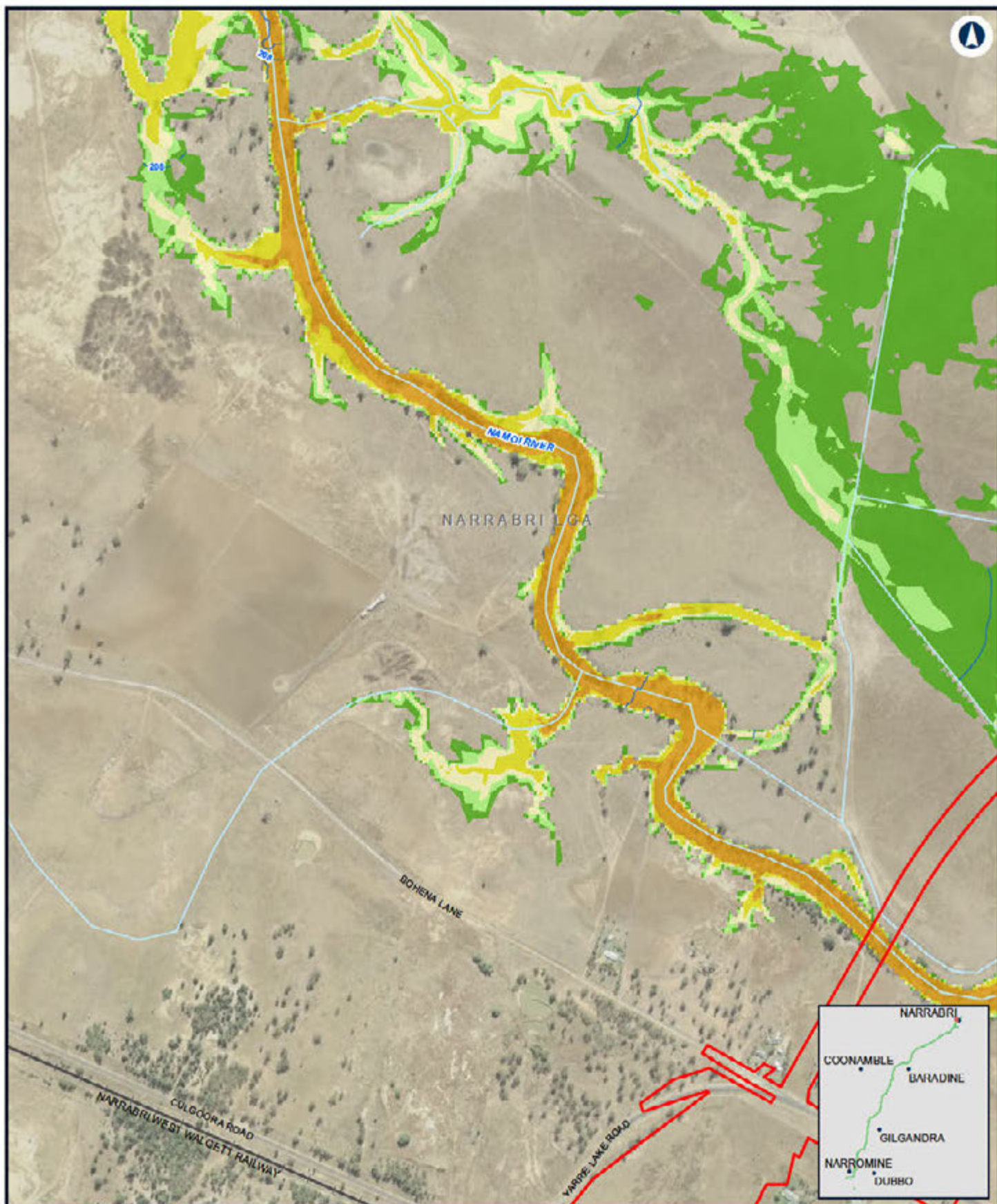
Coordinate System: GDA 1994 MGA Zone 56

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.36

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55
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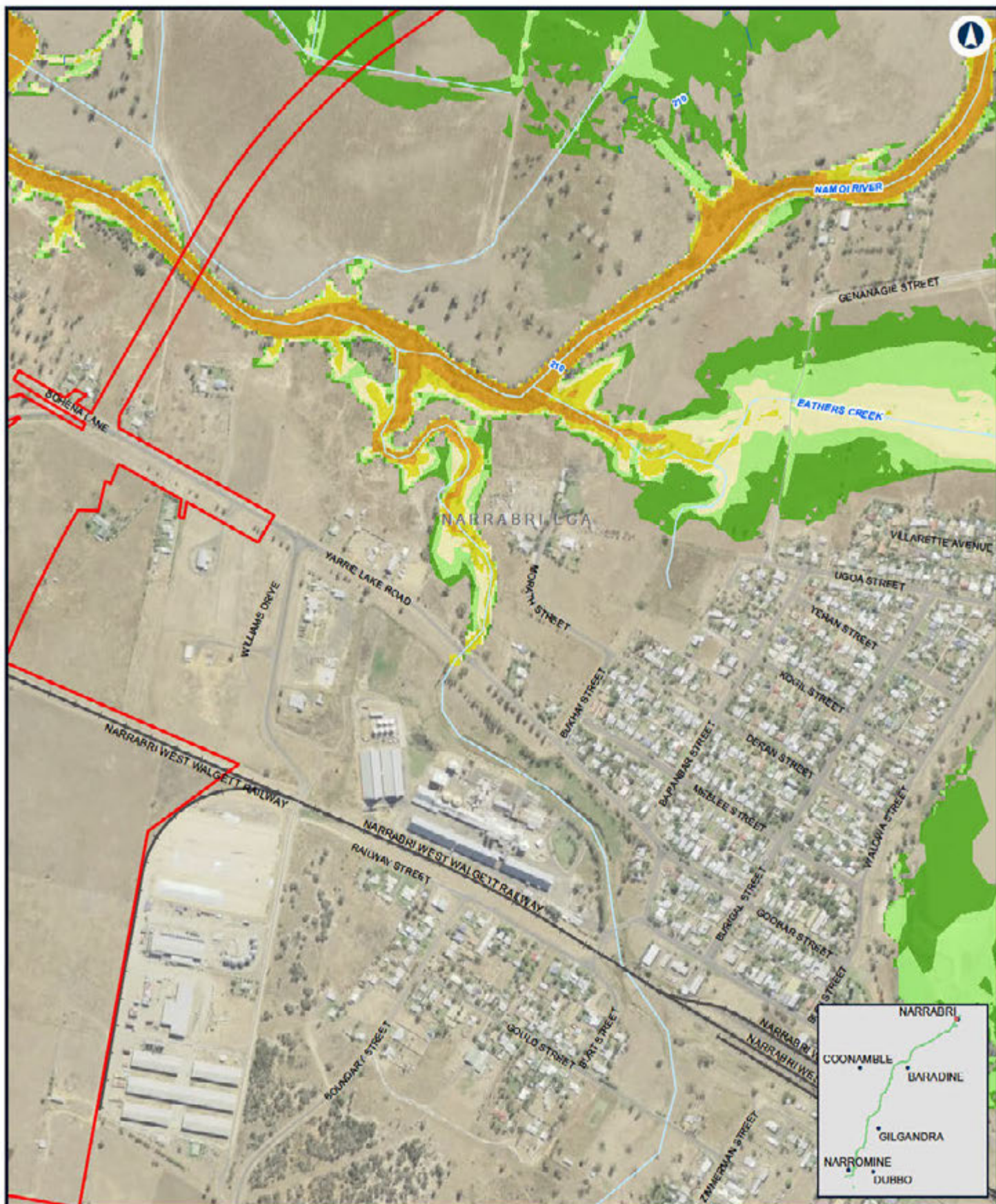
Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

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) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.37

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55
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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

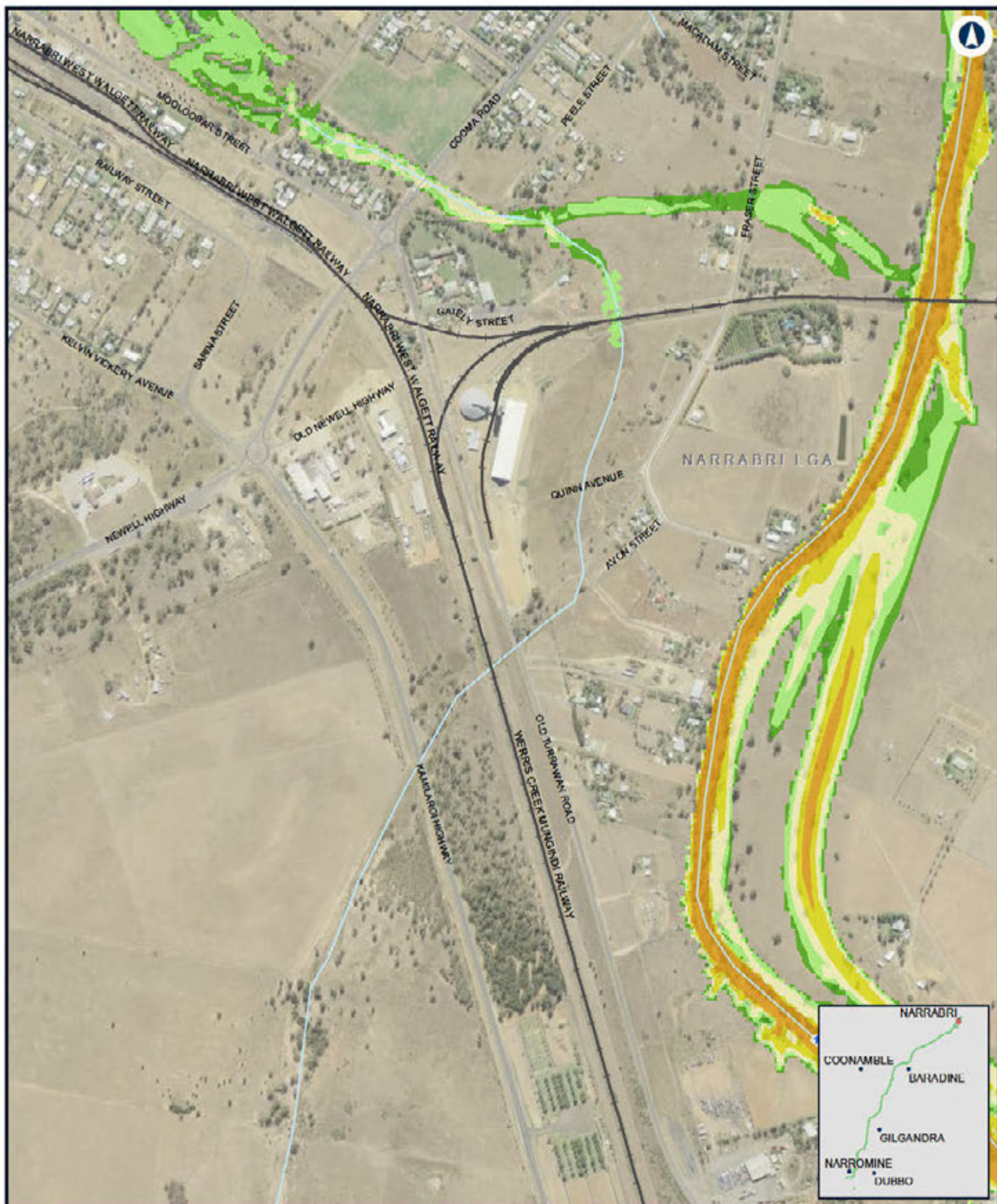
LEGEND

- 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) - 20% AEP - Narrabri Regional

Appendix A Figure 1.13.38

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:10,000
Data Sources: Basemap layers: NSWSS;

LEGEND

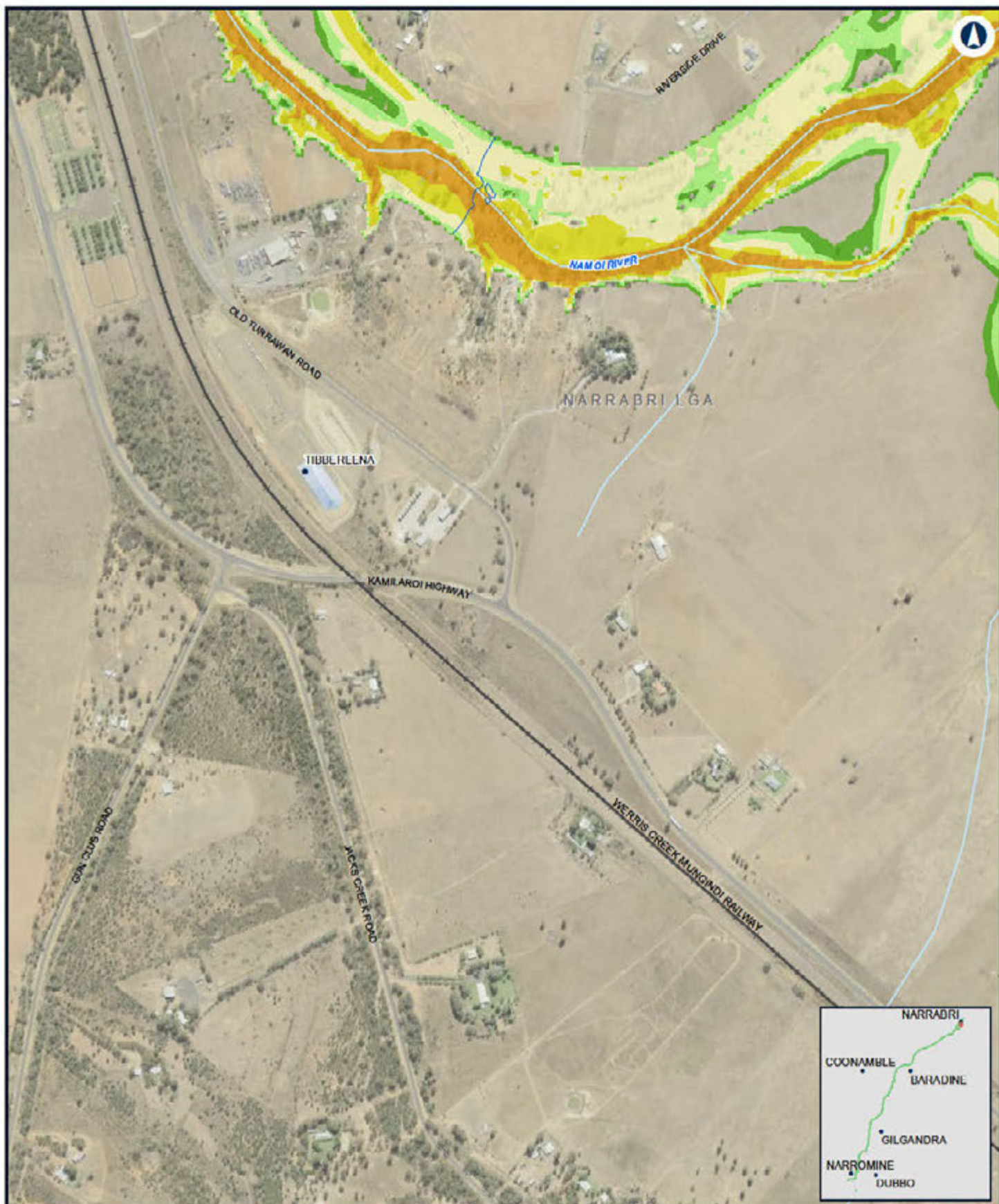
— Flood level (mAHD)

Flood depth

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

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NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.39

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 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**

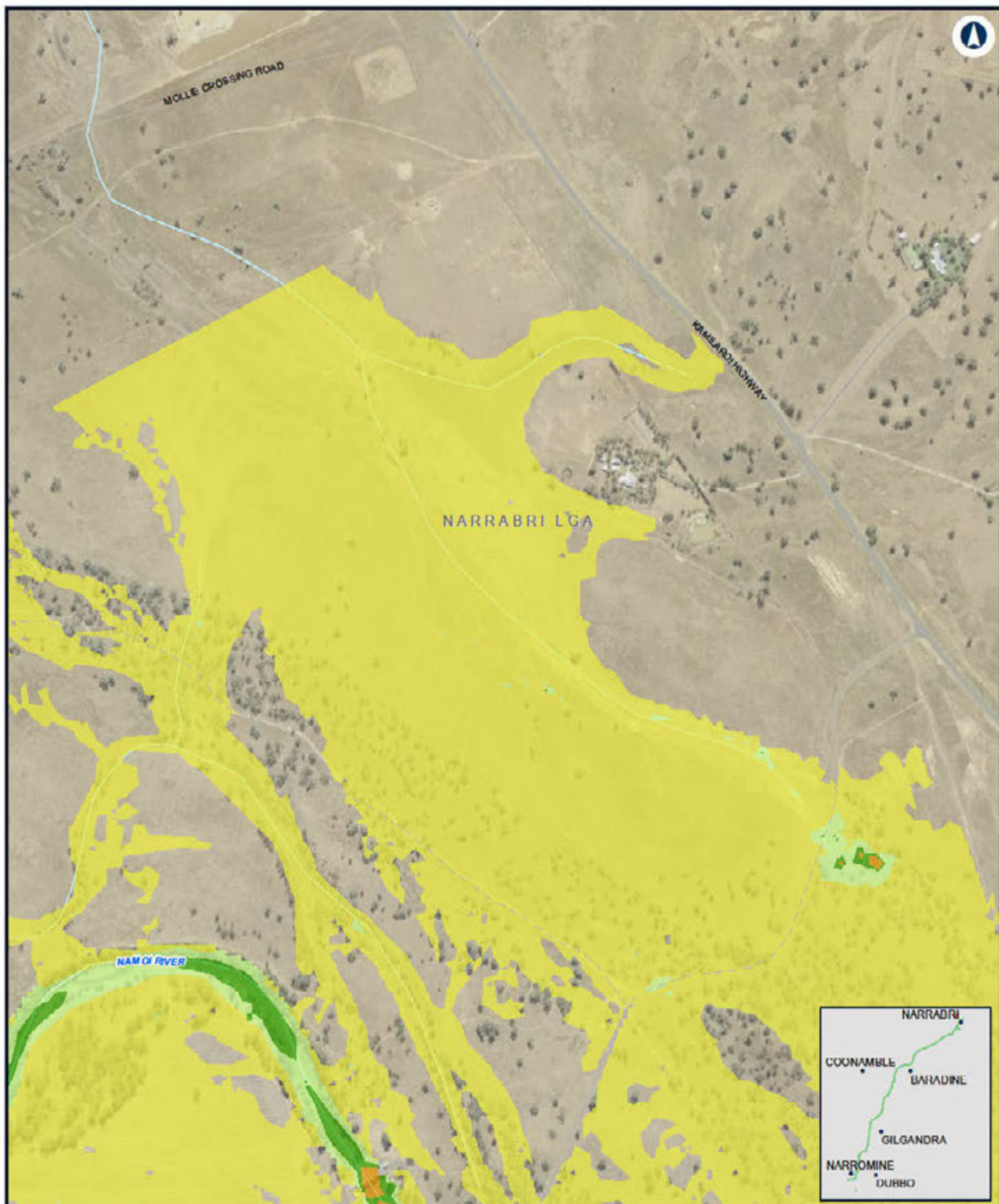
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NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 20% AEP - Narrabri Regional

Appendix A - Figure 1.13.40



NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.1

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

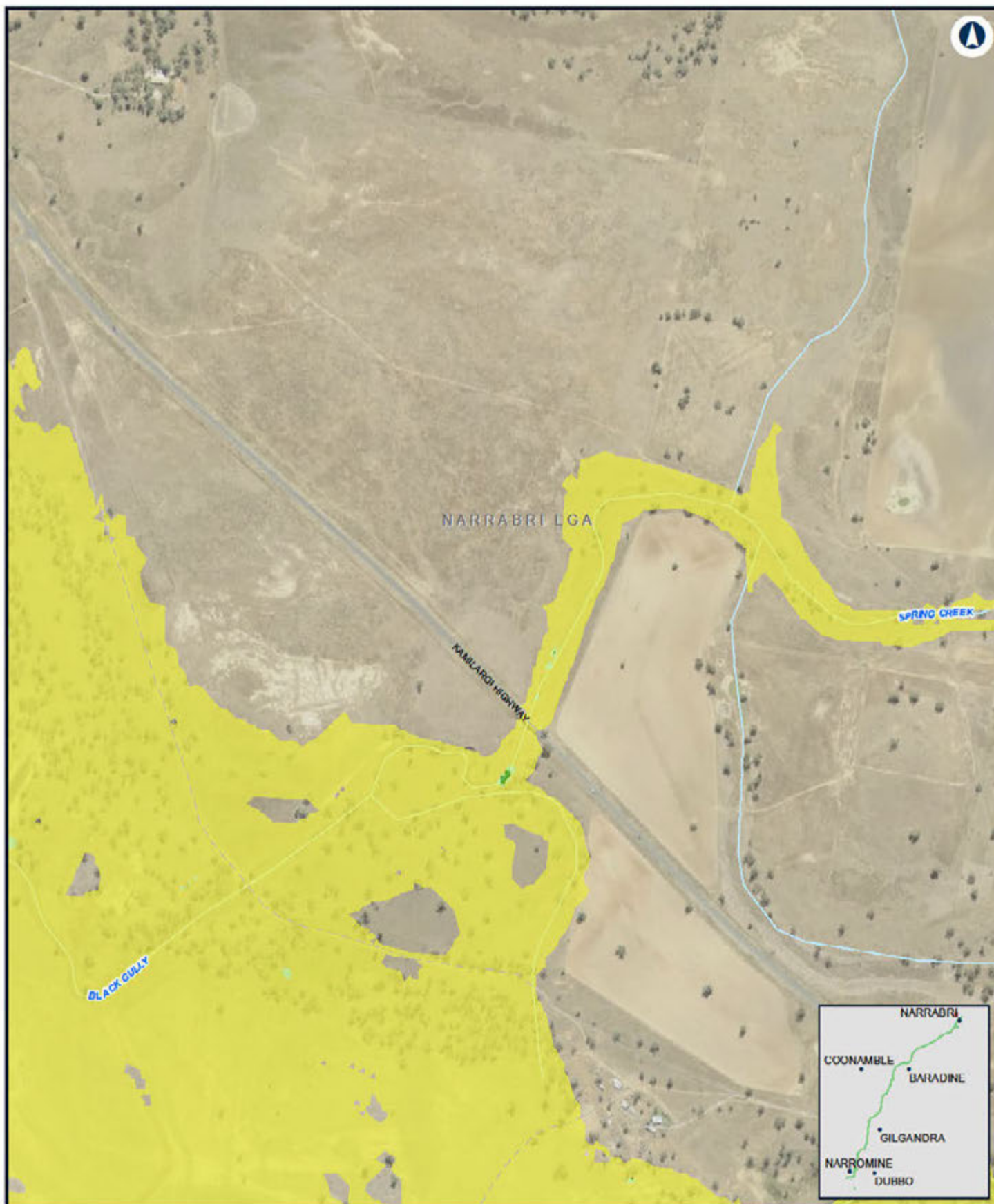
Flood velocity

- 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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NARRABRI TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.2

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.3

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Page: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

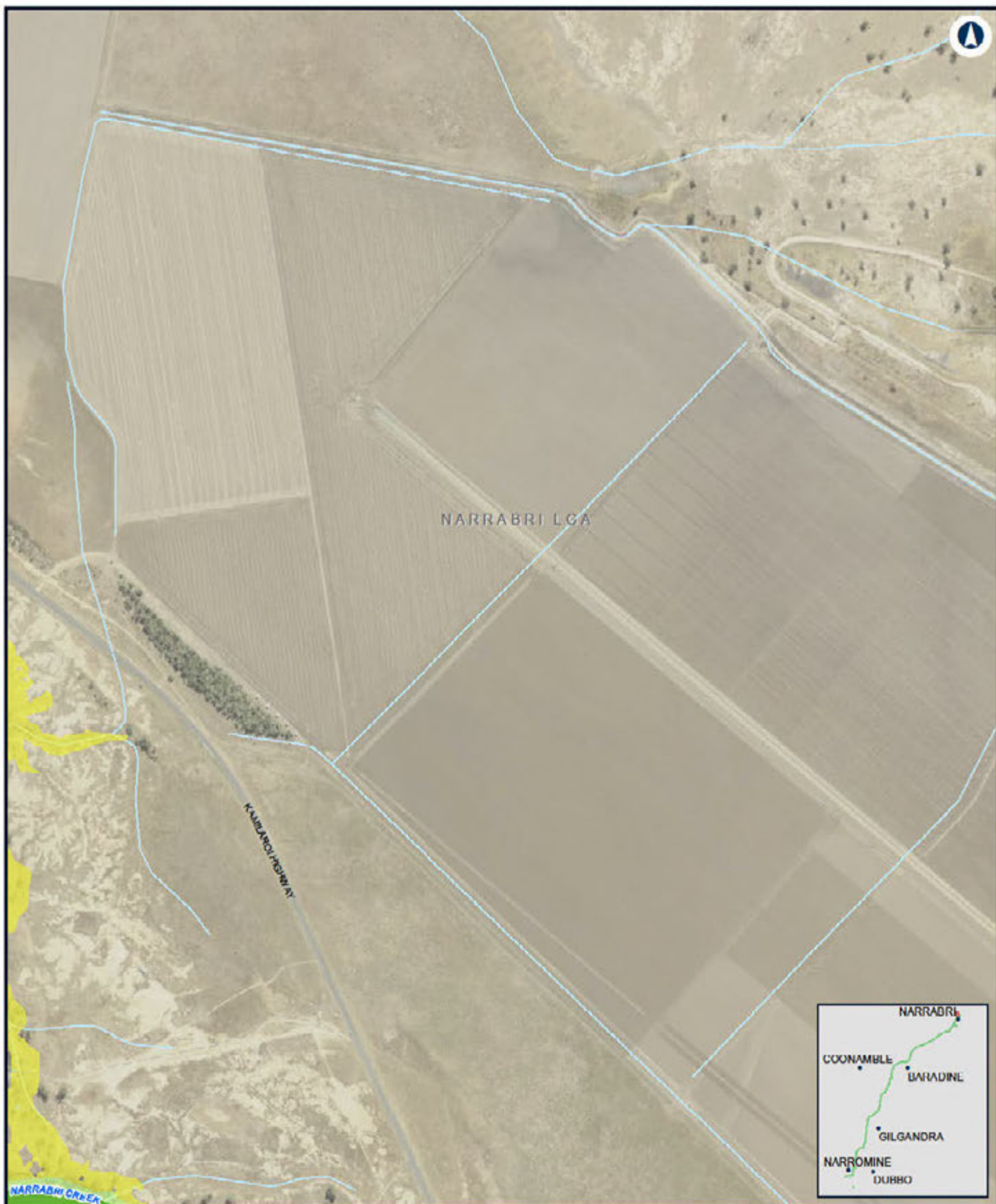
Flood velocity

0.0m/s - 1.0m/s

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NARRABRI TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.4

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARRABRI TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.5

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

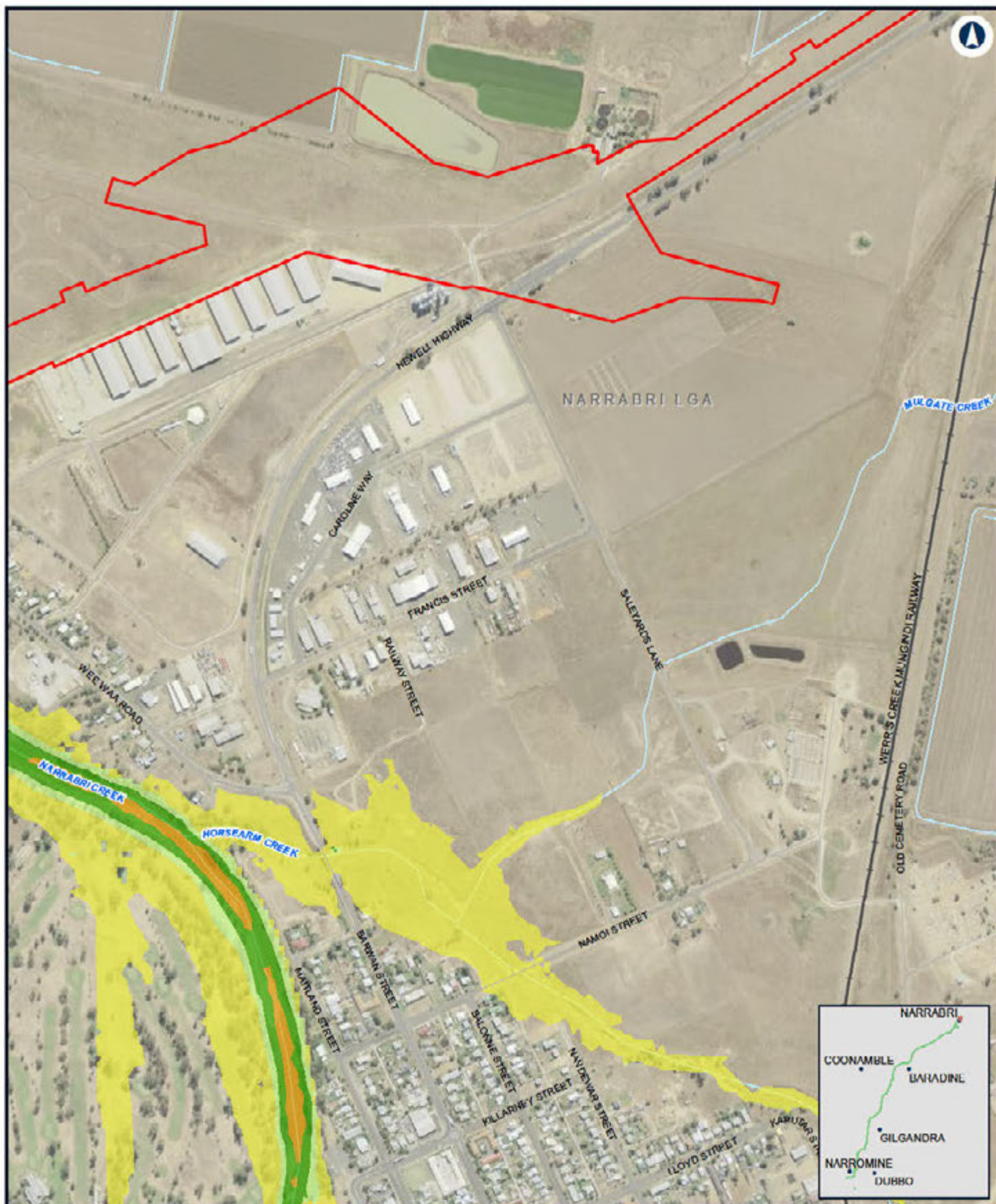
LEGEND

Flood velocity

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.6

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

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
- 1.6m/s - 2.0m/s
- > 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.7

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.8

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.9

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Author: JacobsGHD

Scale: 1:10,000

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.10

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.11

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

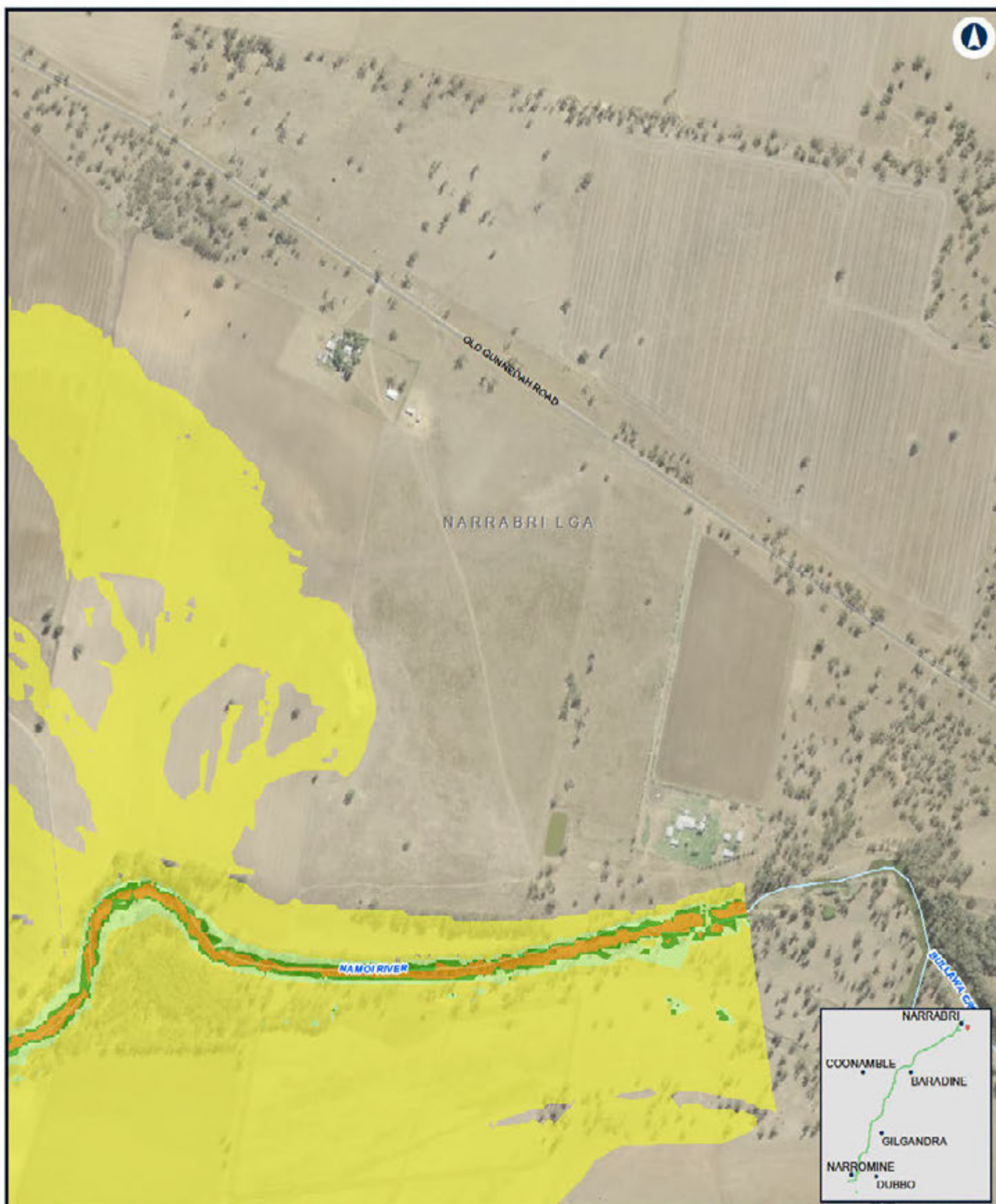
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.12

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

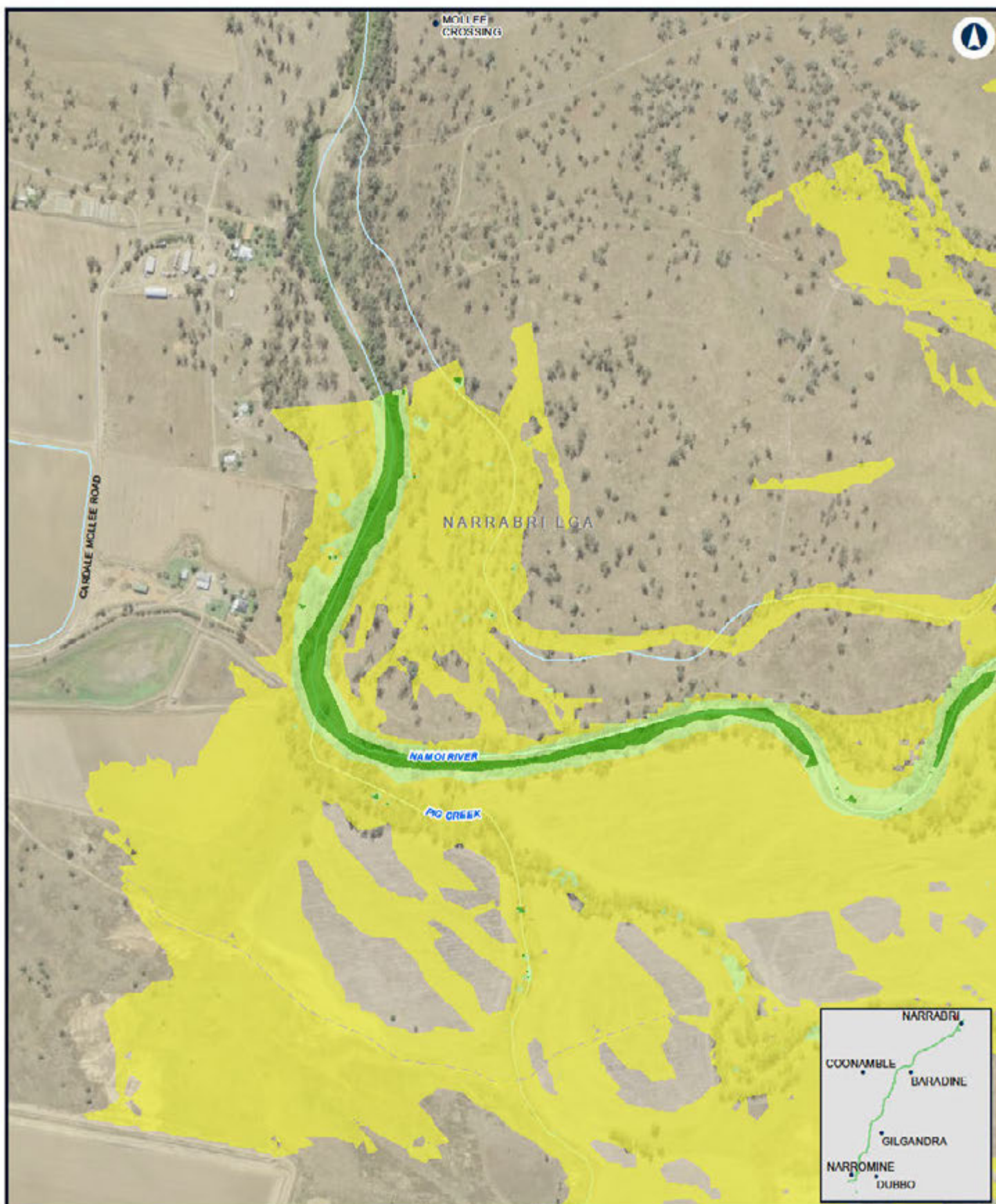
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.13

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

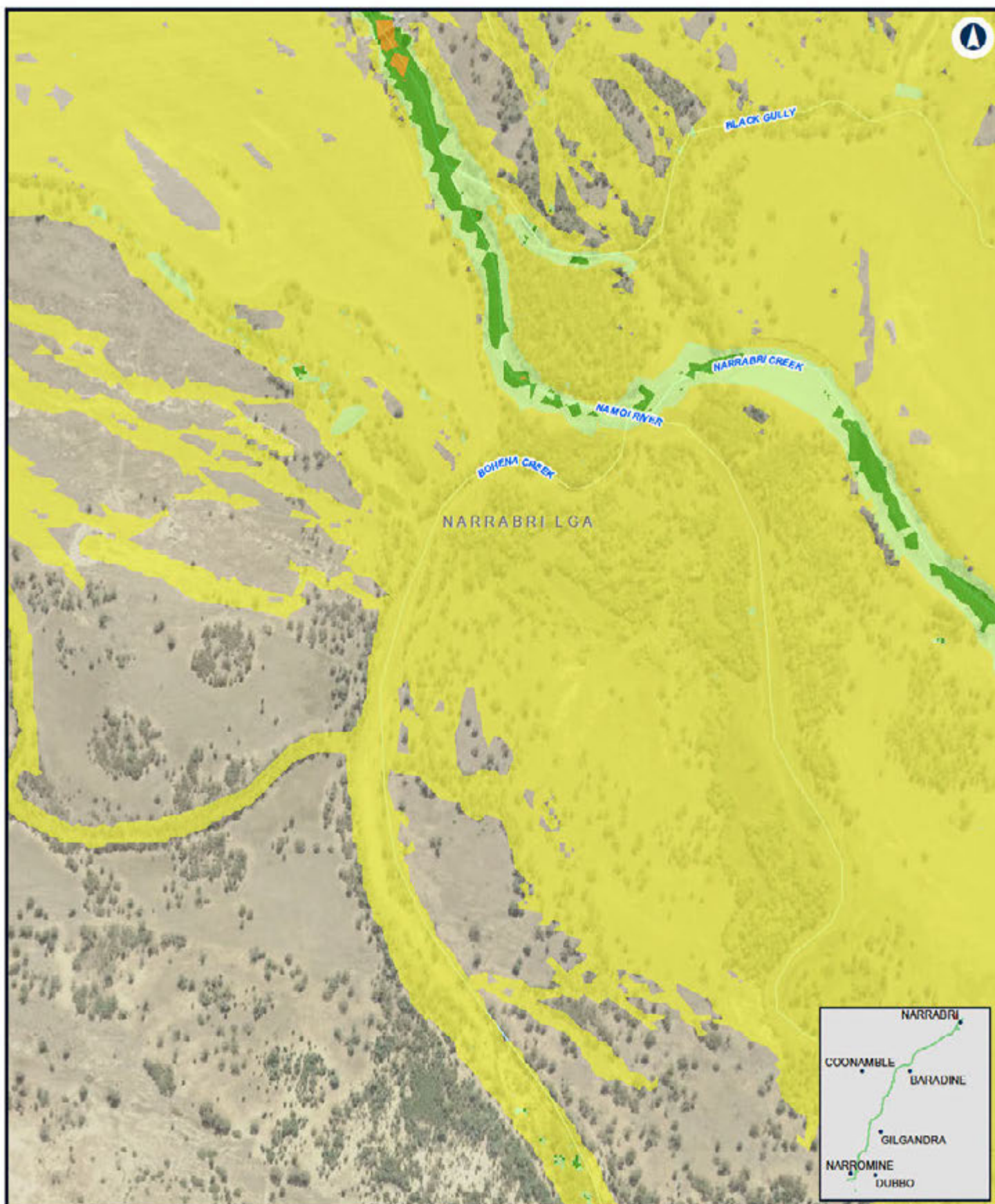
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.14

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

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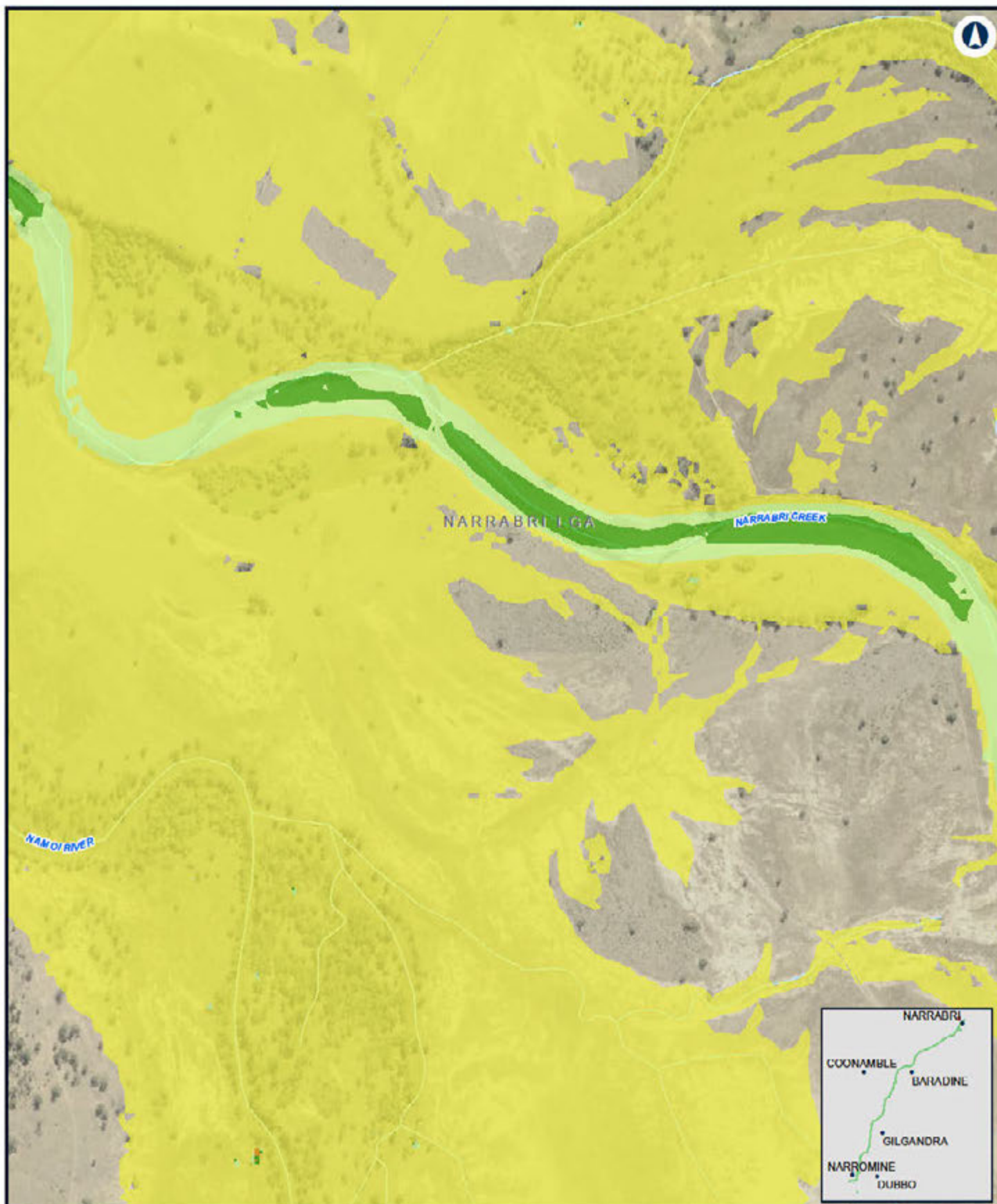
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.15

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

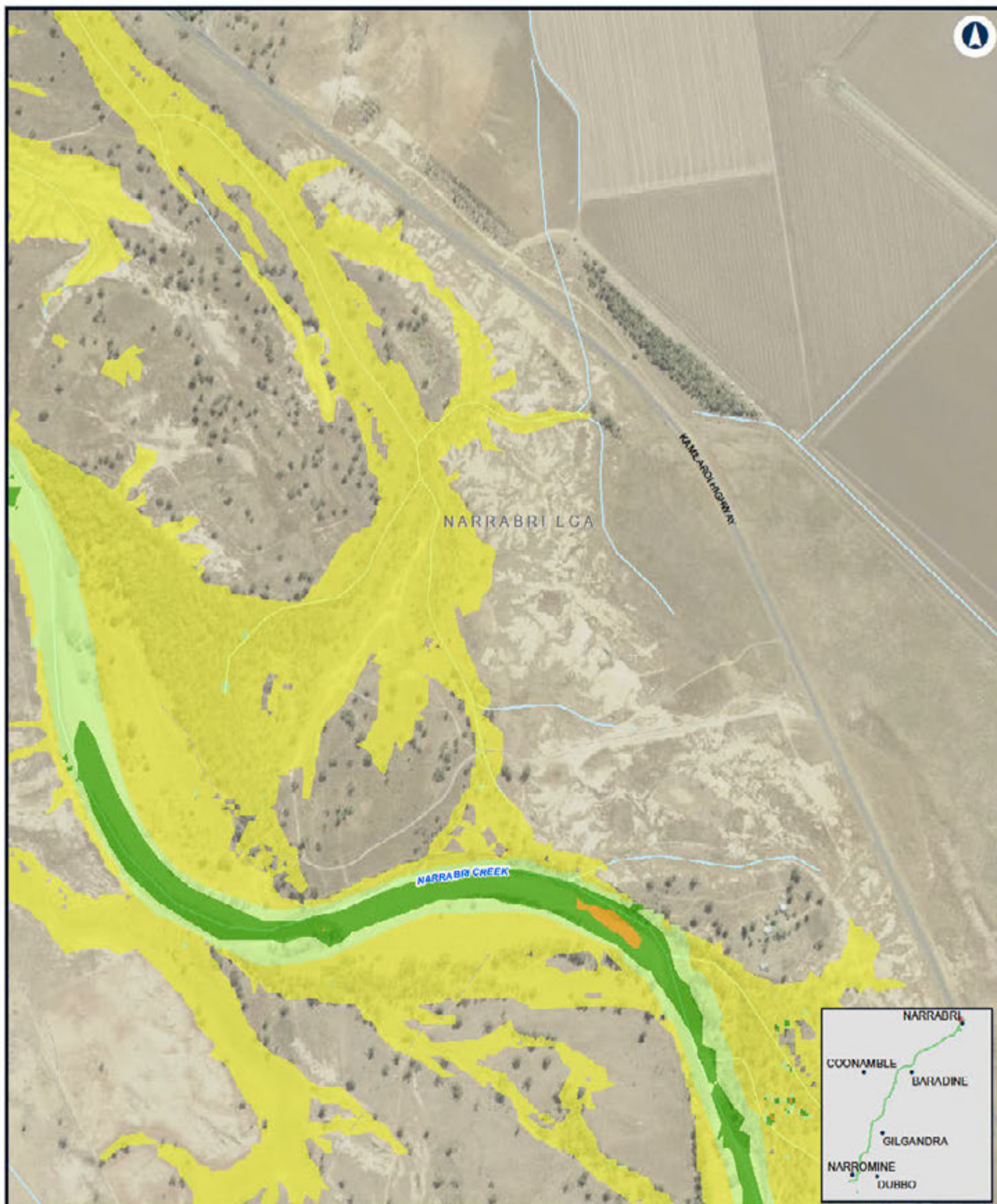
LEGEND

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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.16

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

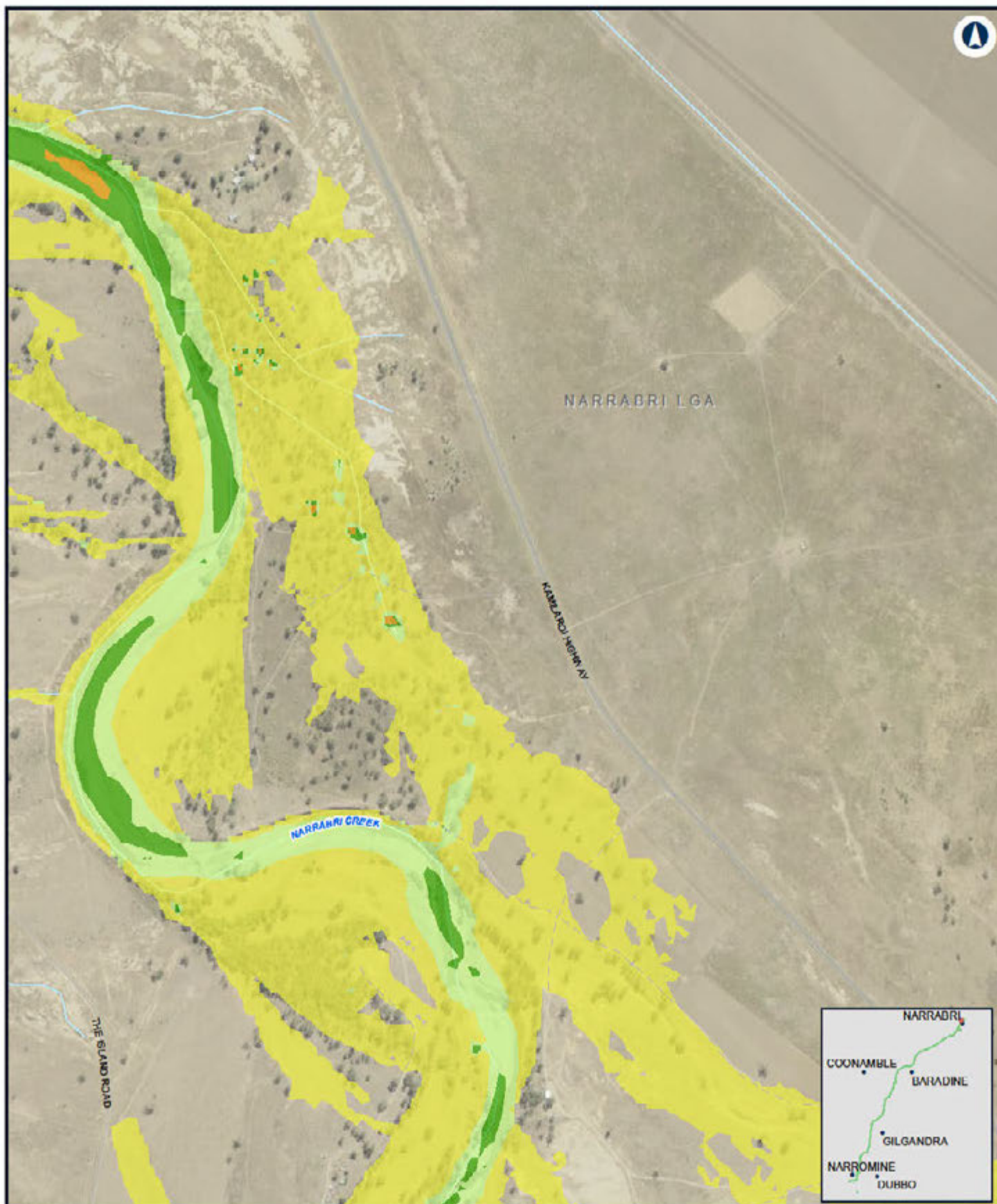
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.17

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

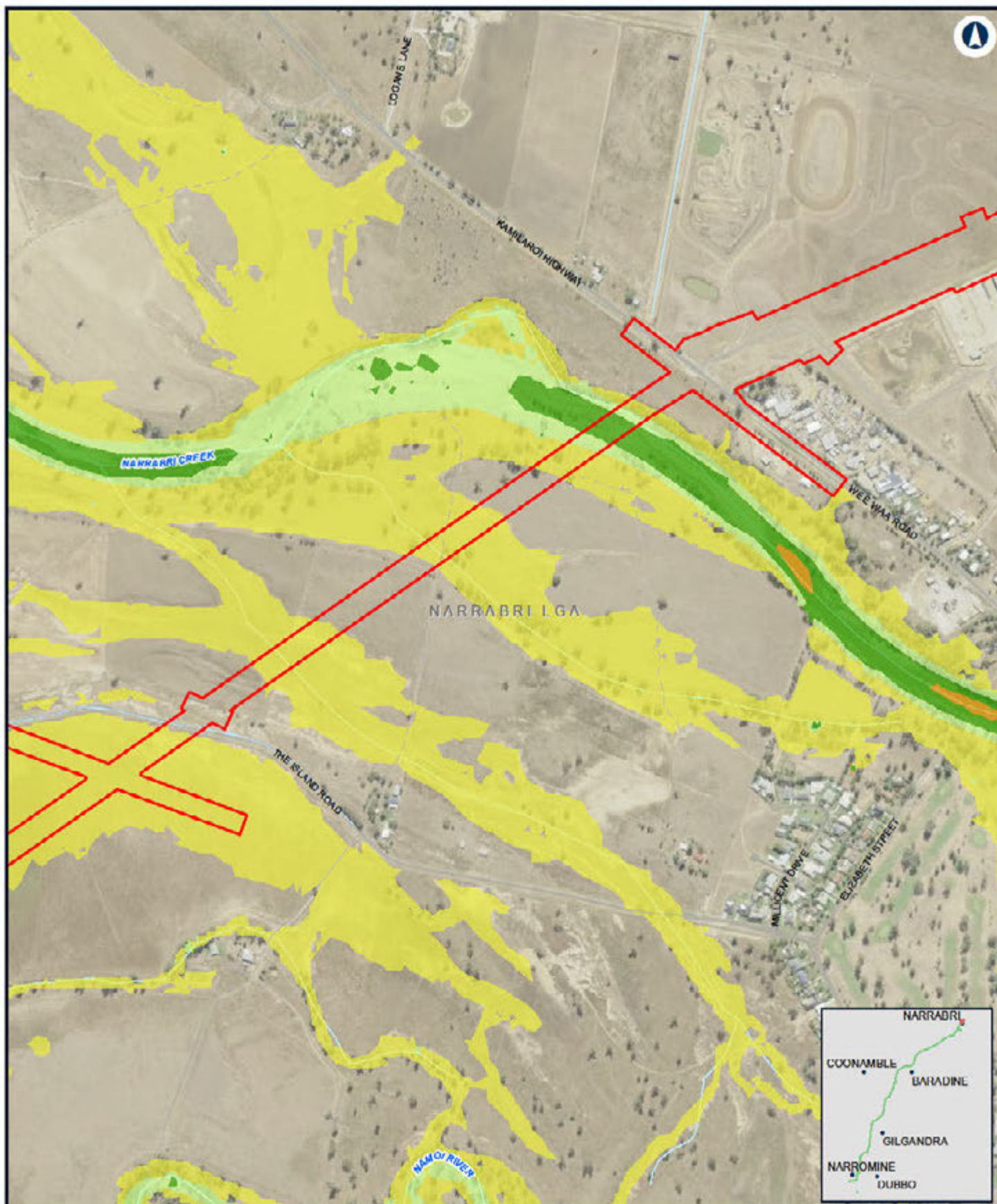
Flood velocity

- 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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NARRABRI TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.18

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

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

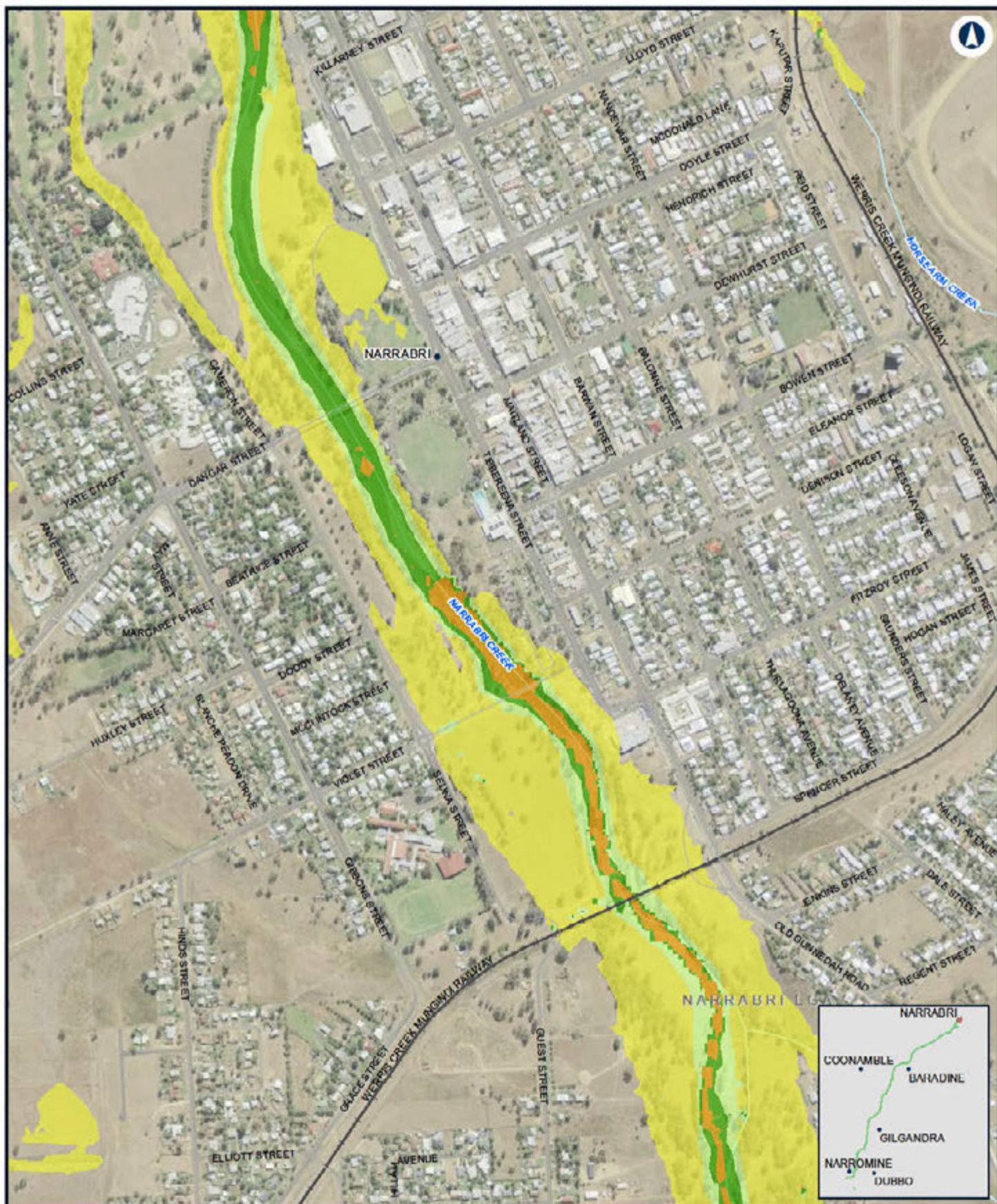
1.6m/s - 2.0m/s

> 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.19

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

Flood velocity

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

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.20

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

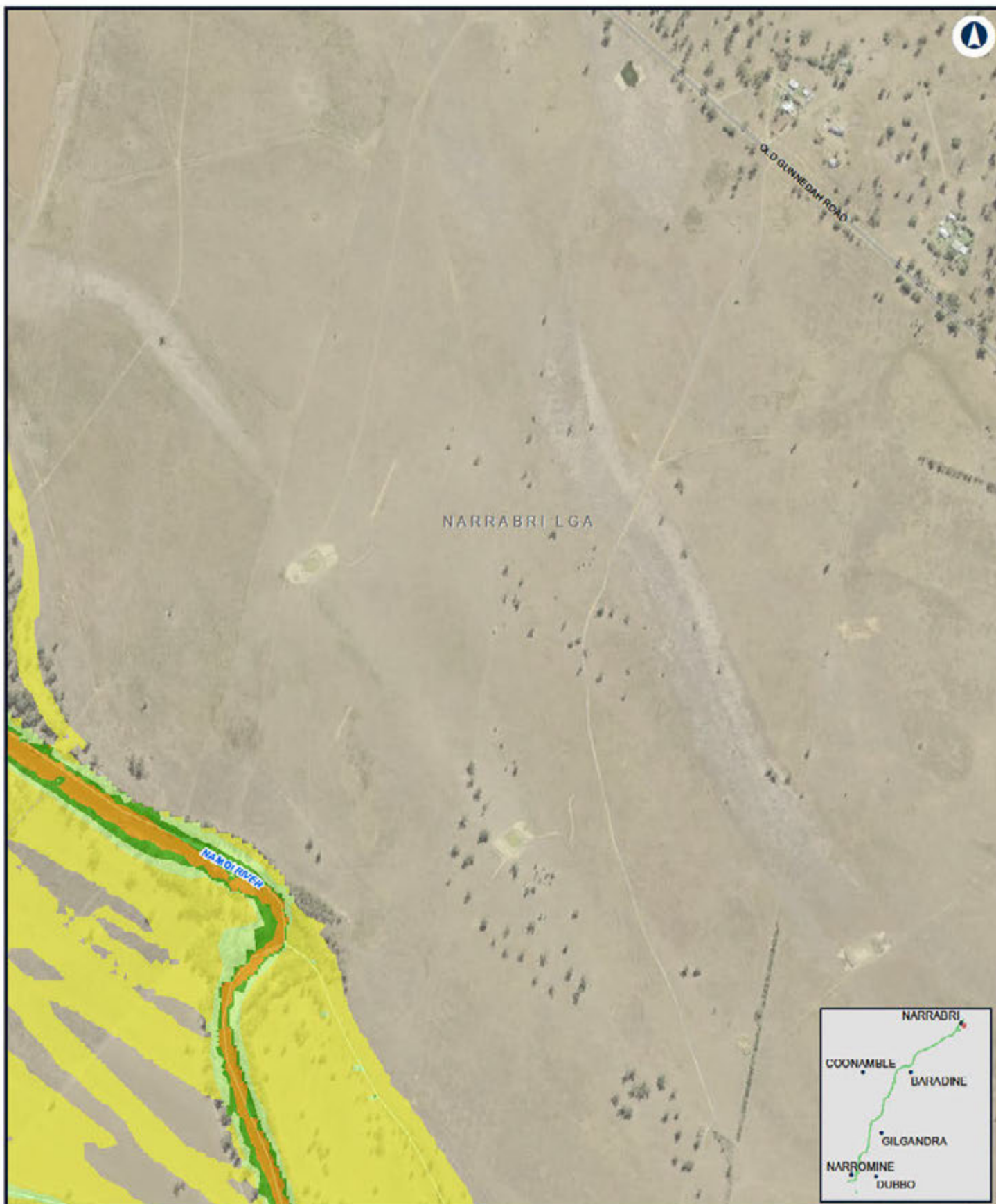
LEGEND

Flood velocity

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.21

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

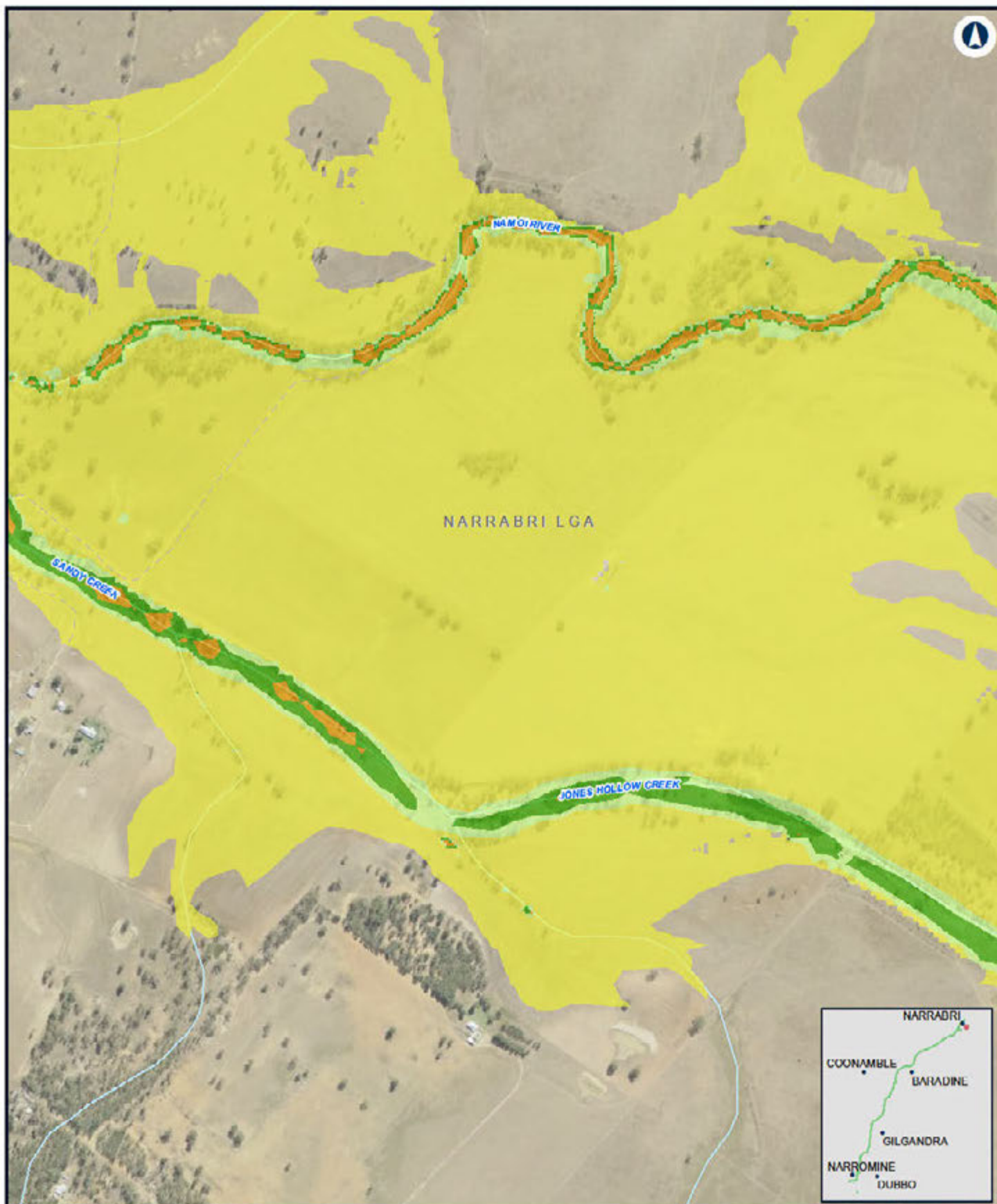
LEGEND

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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NARRABRI TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

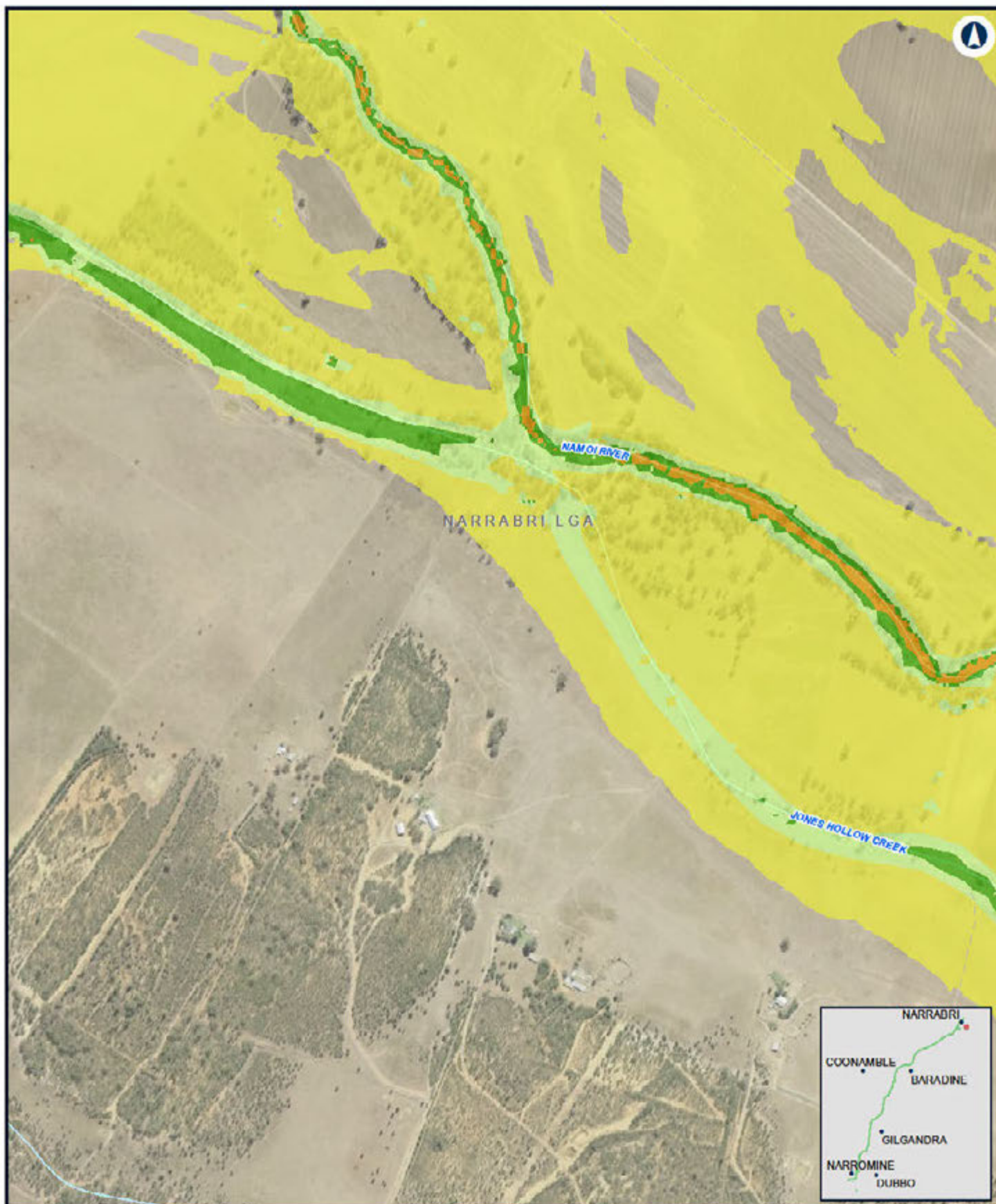
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.23

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

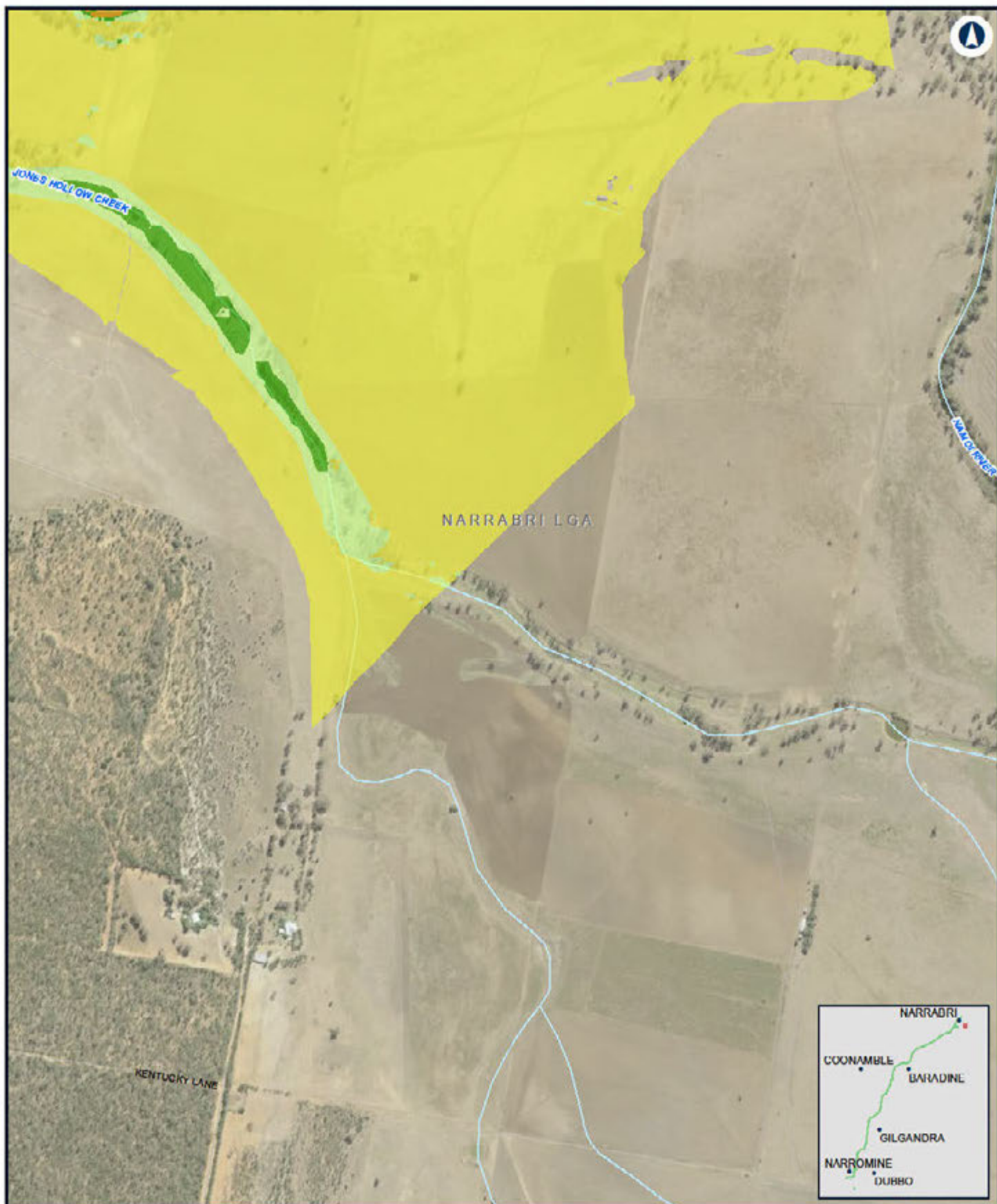
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.24

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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
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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.25

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

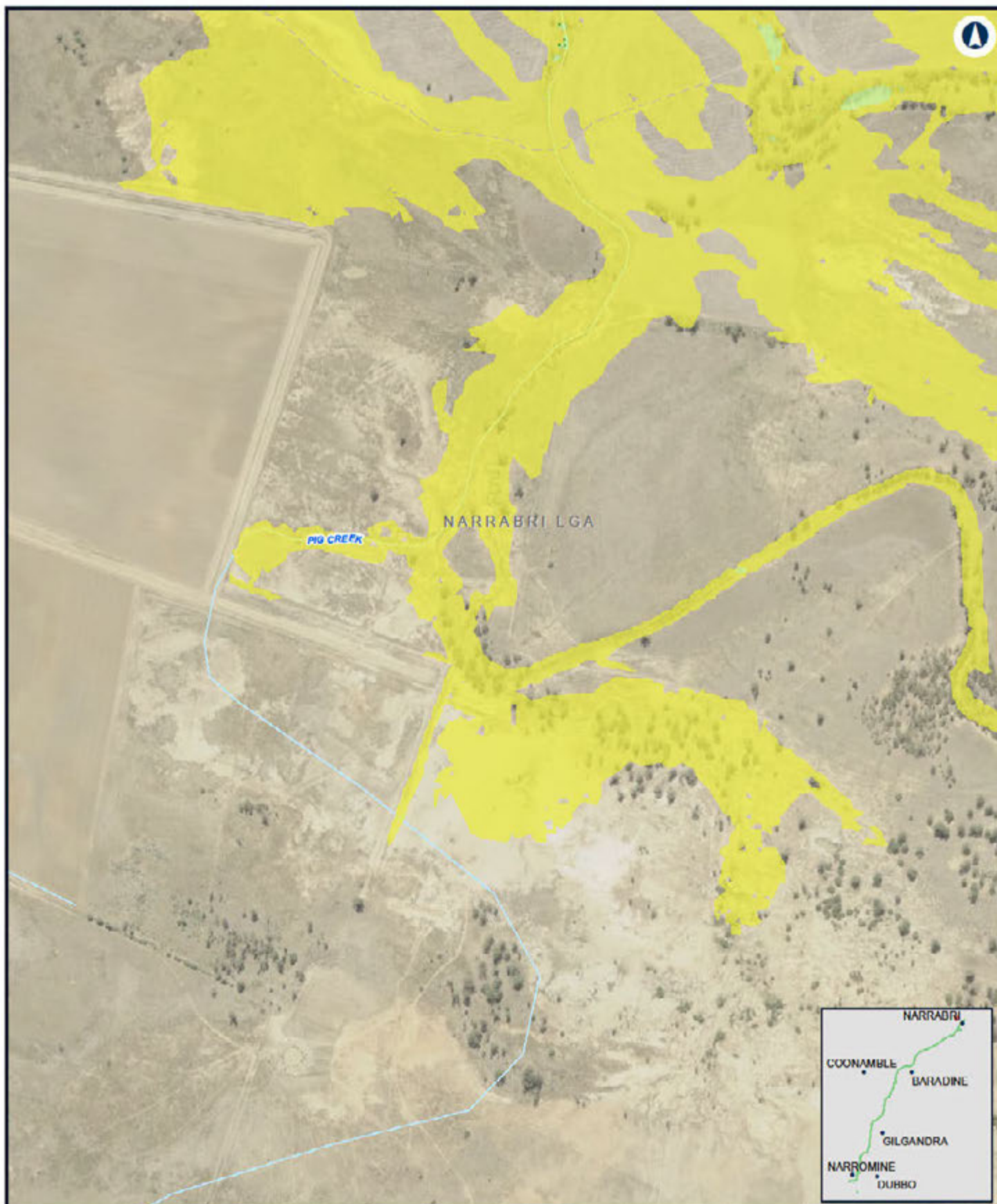
Author: JacobsGHD

Scale: 1:10,000

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

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.26

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.27

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

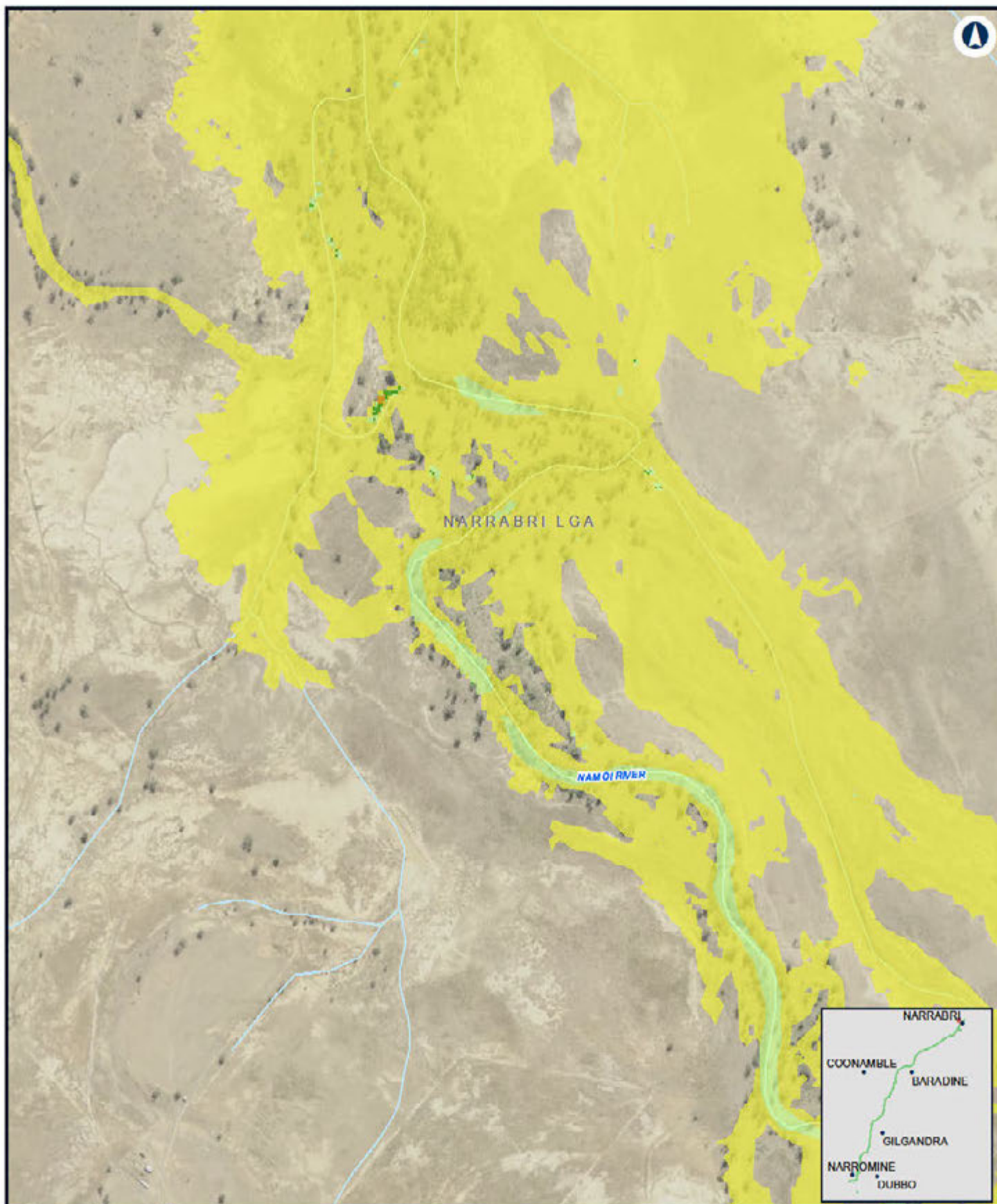
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.28

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

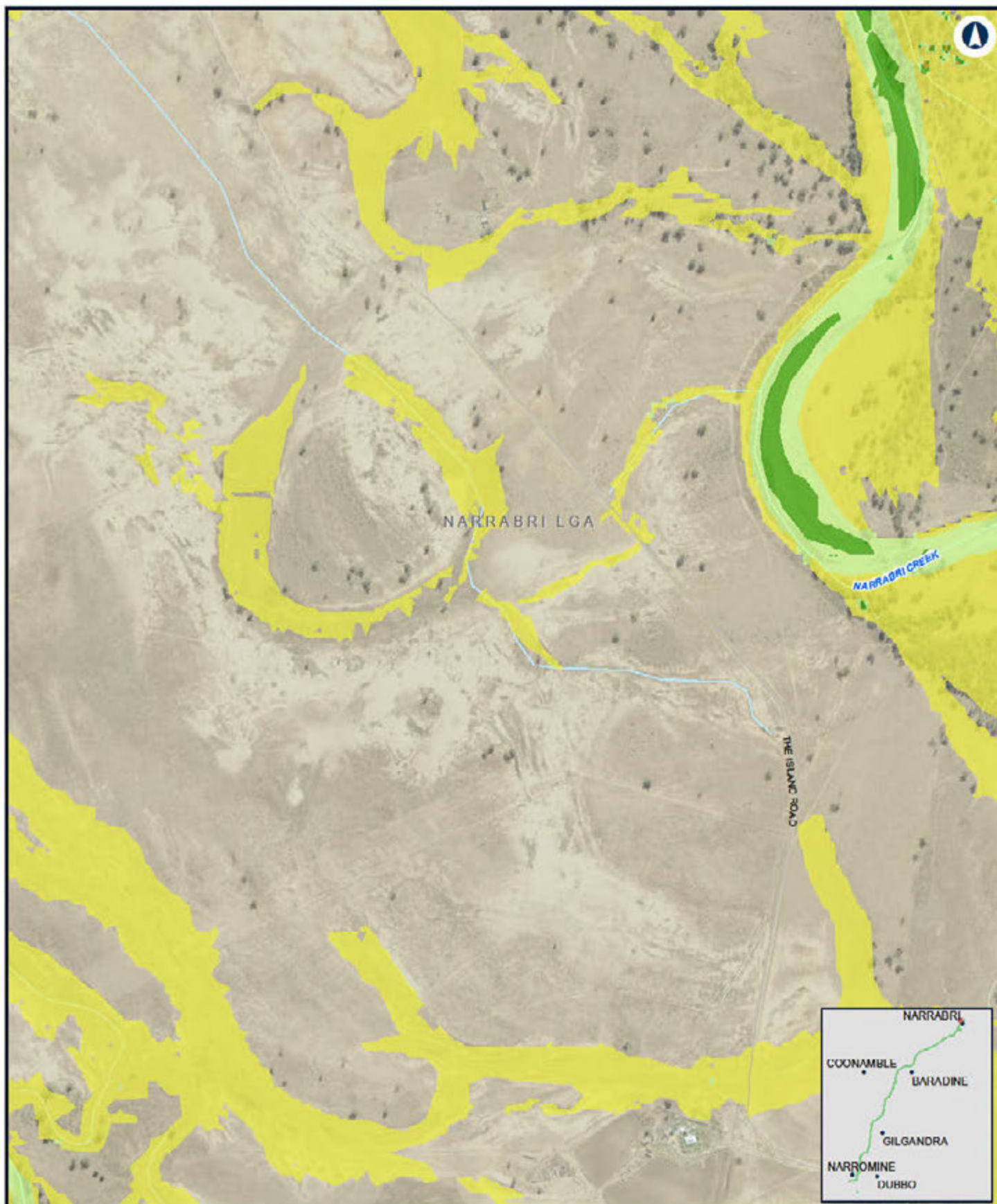
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.29

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

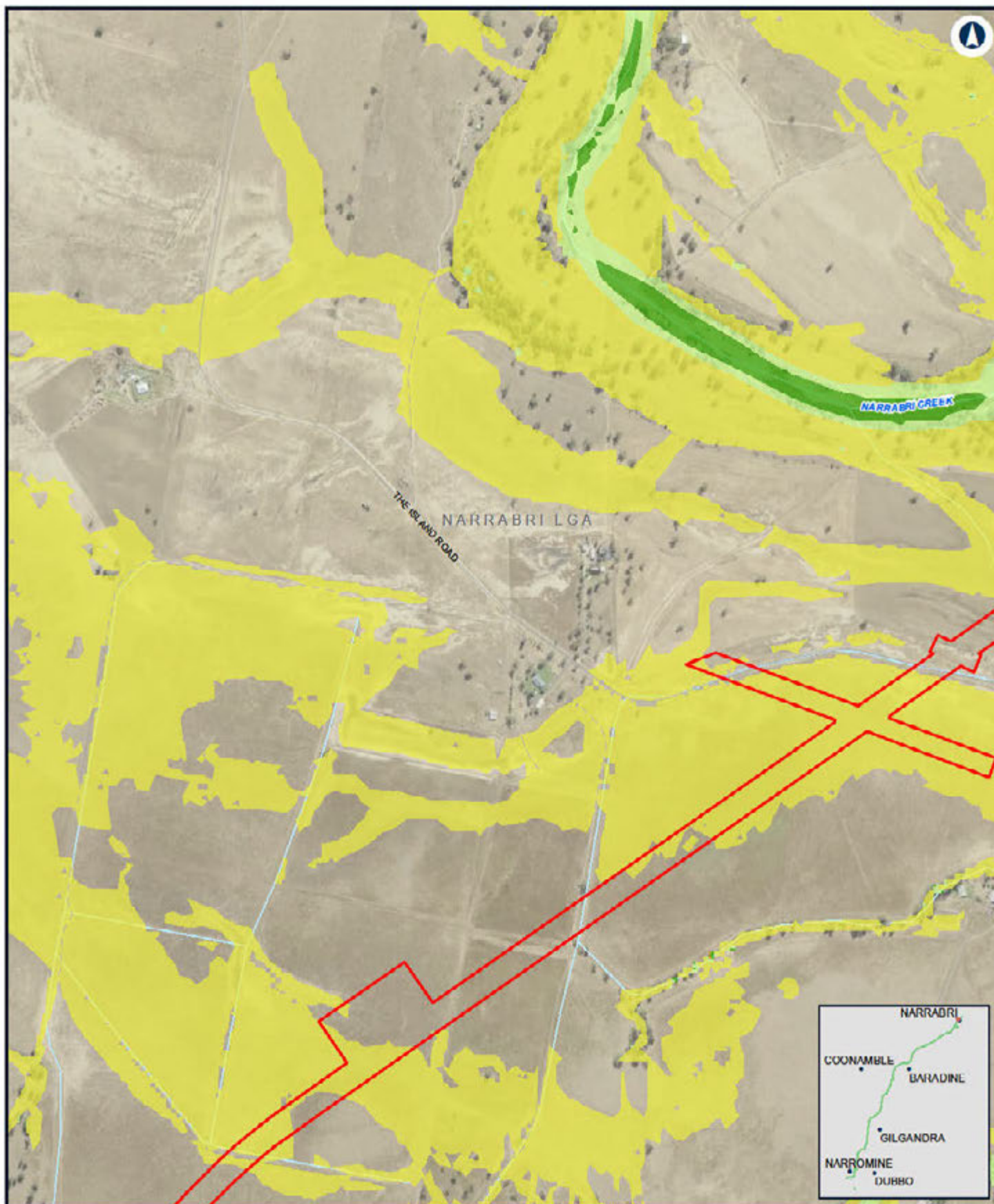
LEGEND

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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.30

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

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

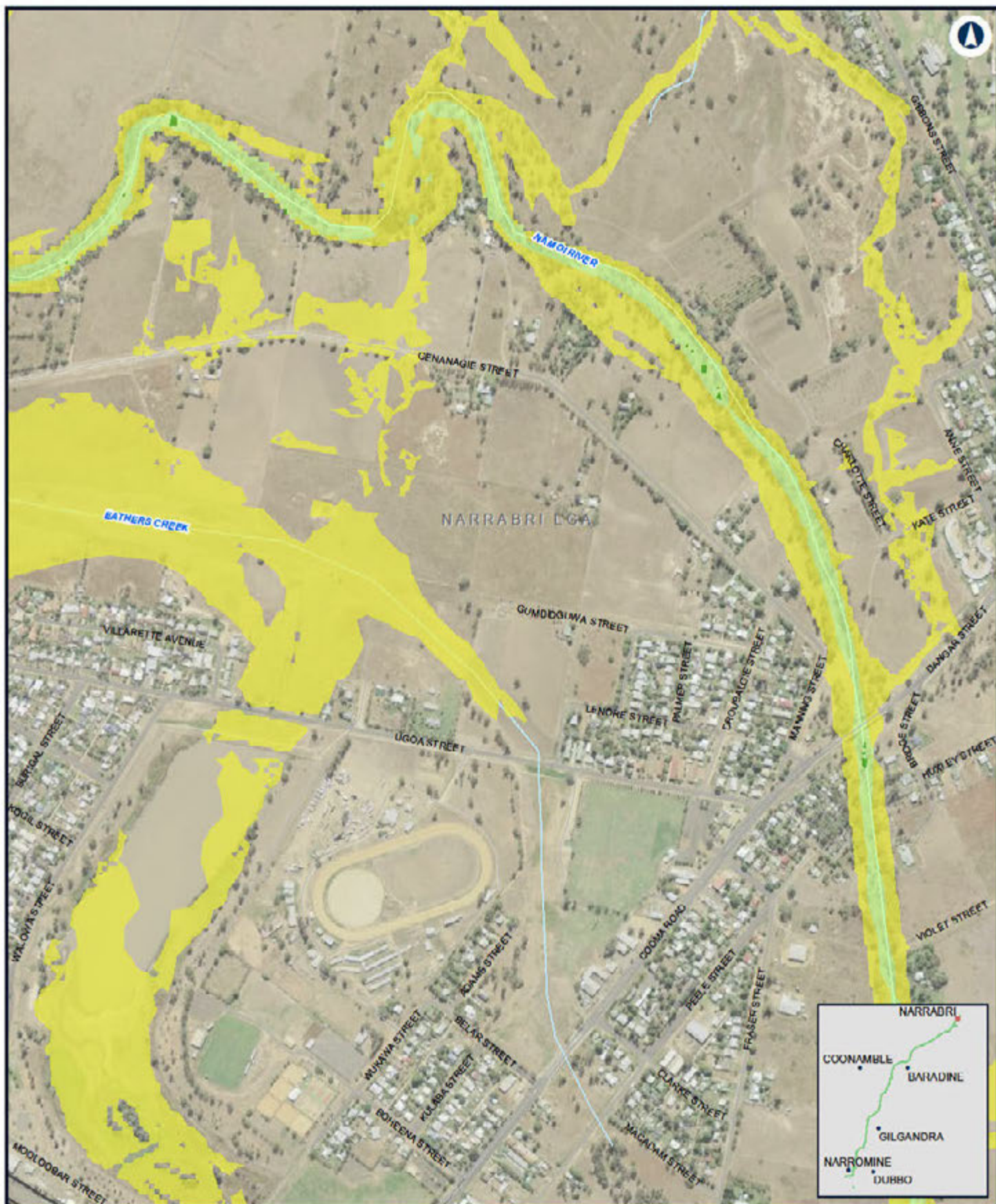
1.5m/s - 2.0m/s

> 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A Figure 1.14.31

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

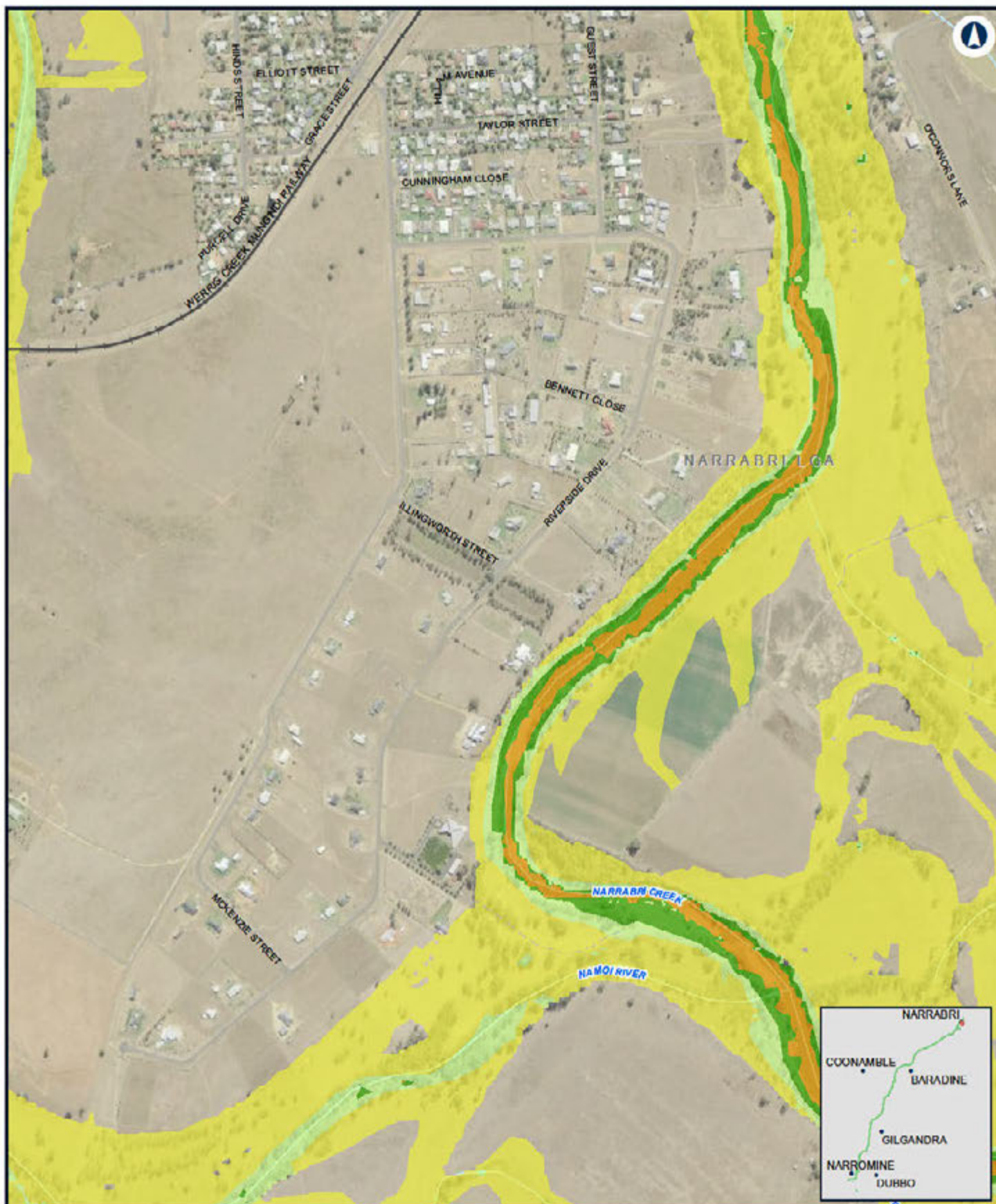
Flood velocity

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

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NARRABRI TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.32

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

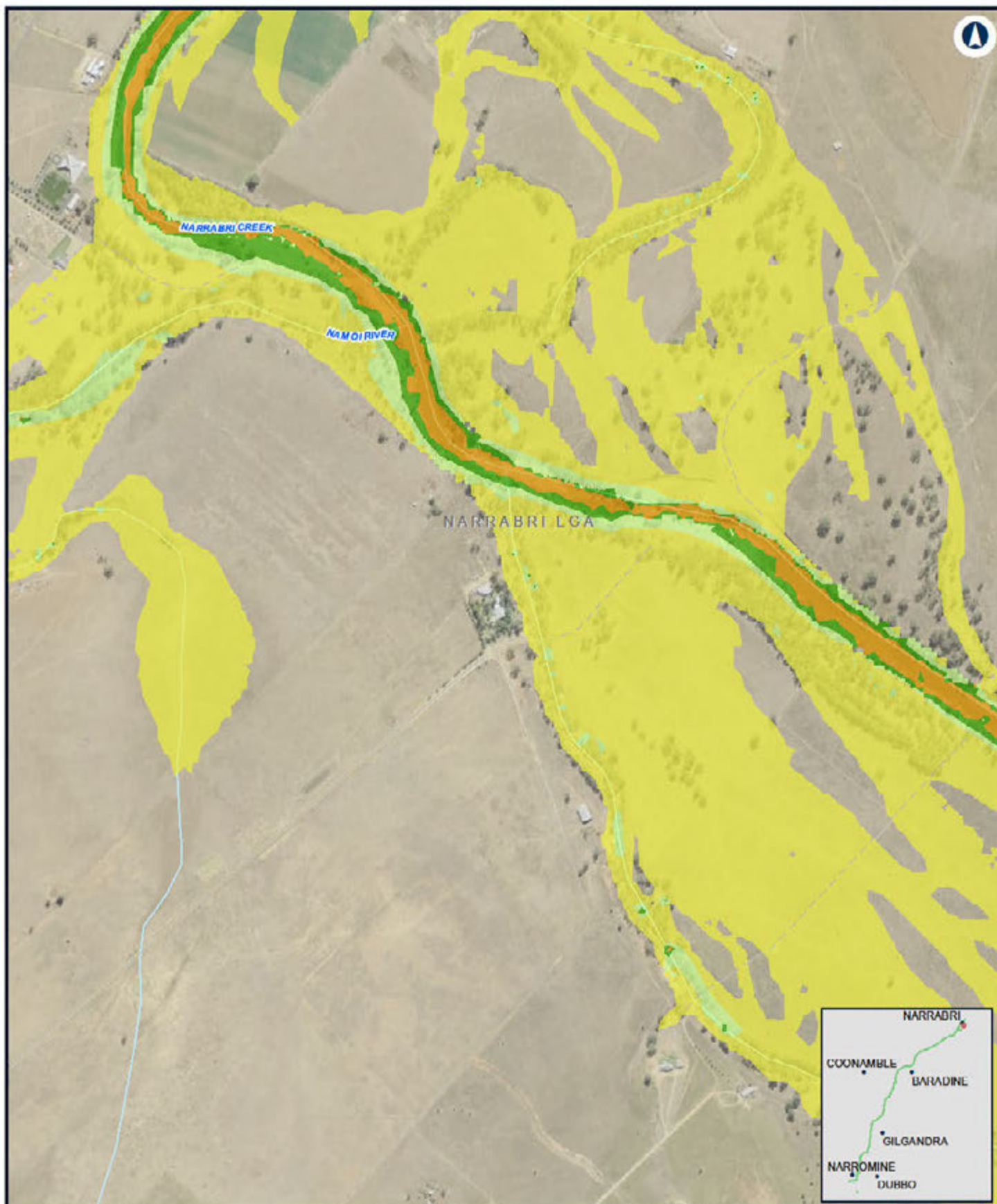
Flood velocity

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.33

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.34

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.3.5

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

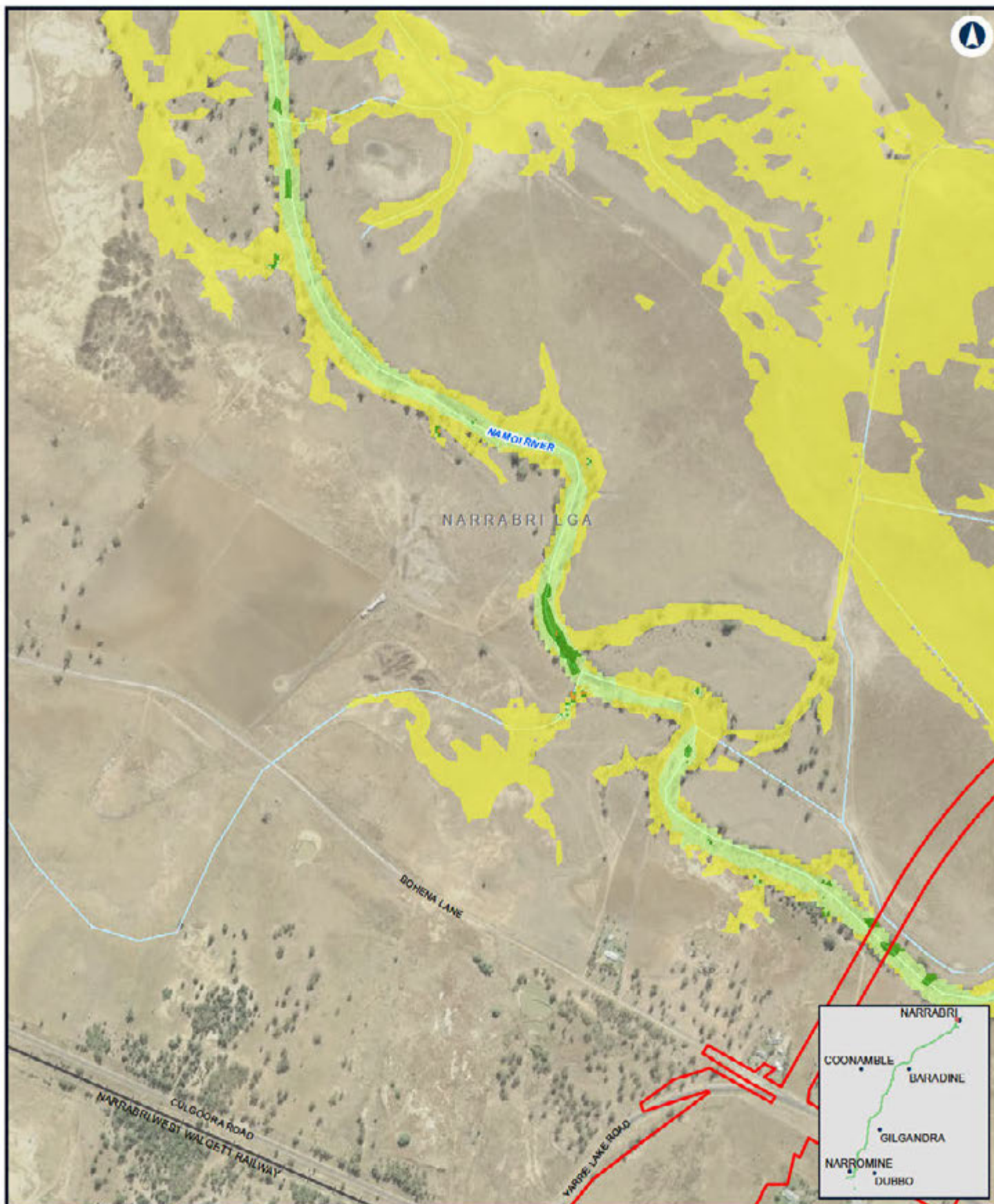
Scale: 1:10,000

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

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A Figure 1.14.36

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

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

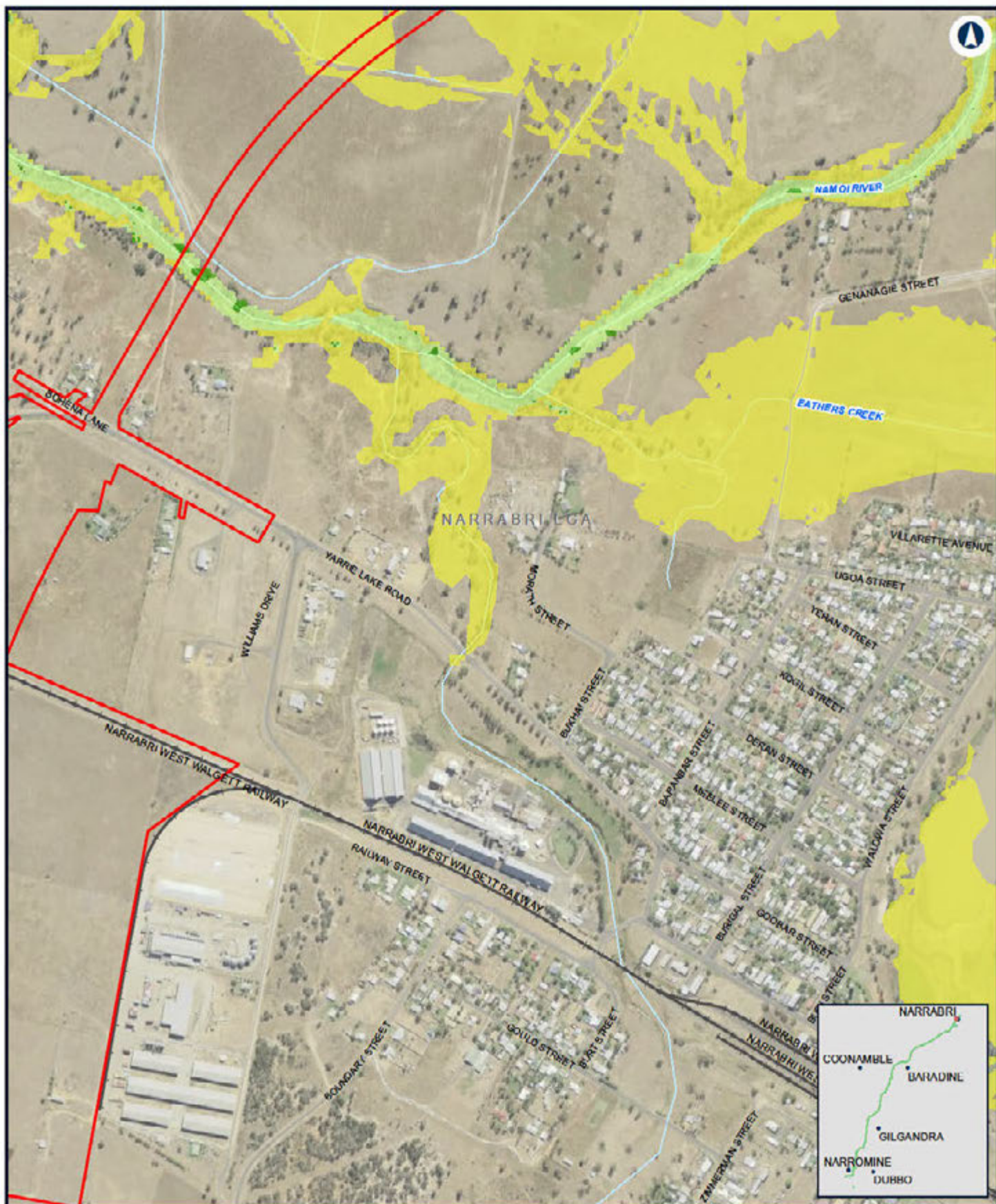
1.5m/s - 2.0m/s

> 2.0m/s

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NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.37

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

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

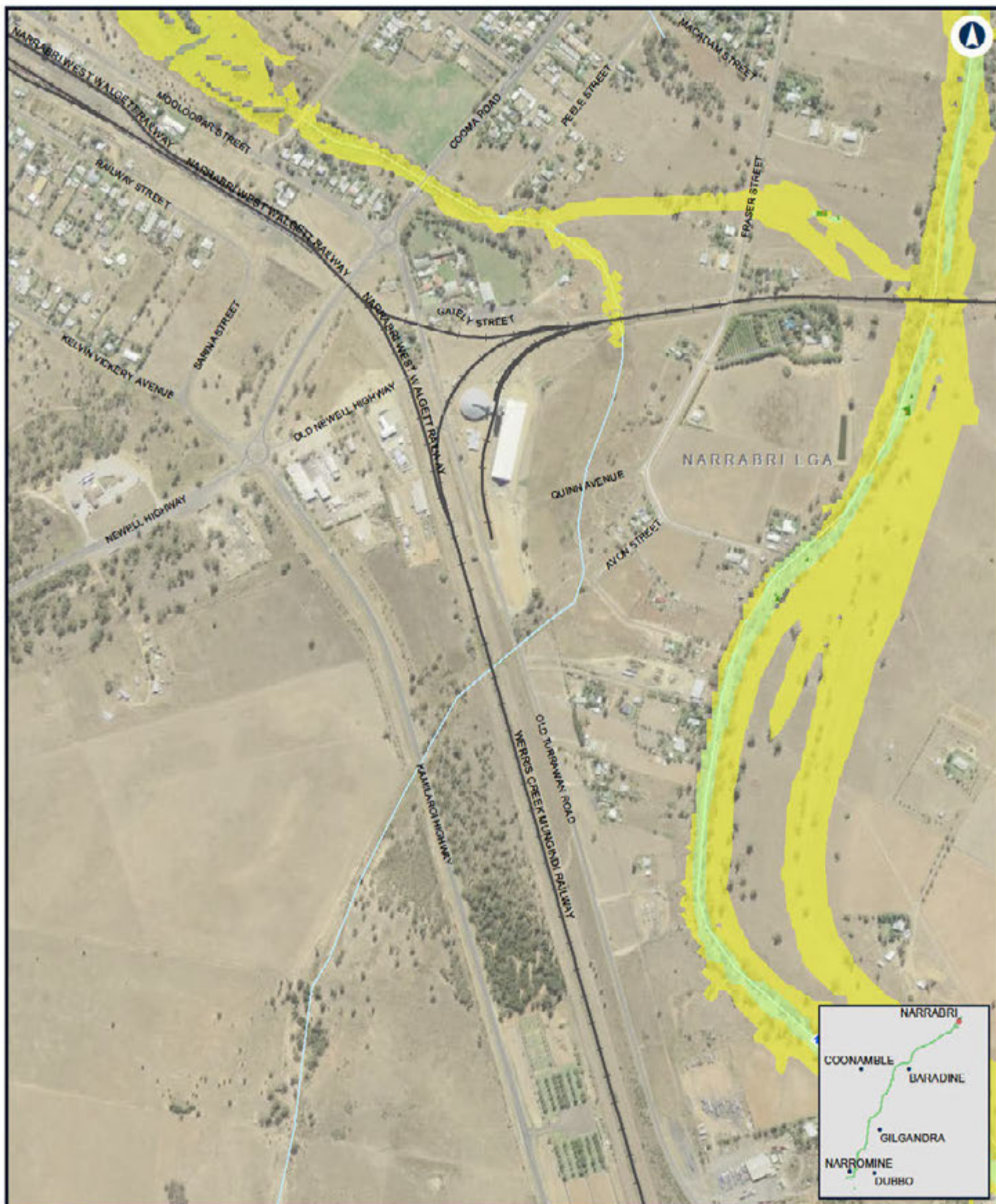
1.0m/s - 1.5m/s

1.6m/s - 2.0m/s

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NARRABRI TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A - Figure 1.14.38

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

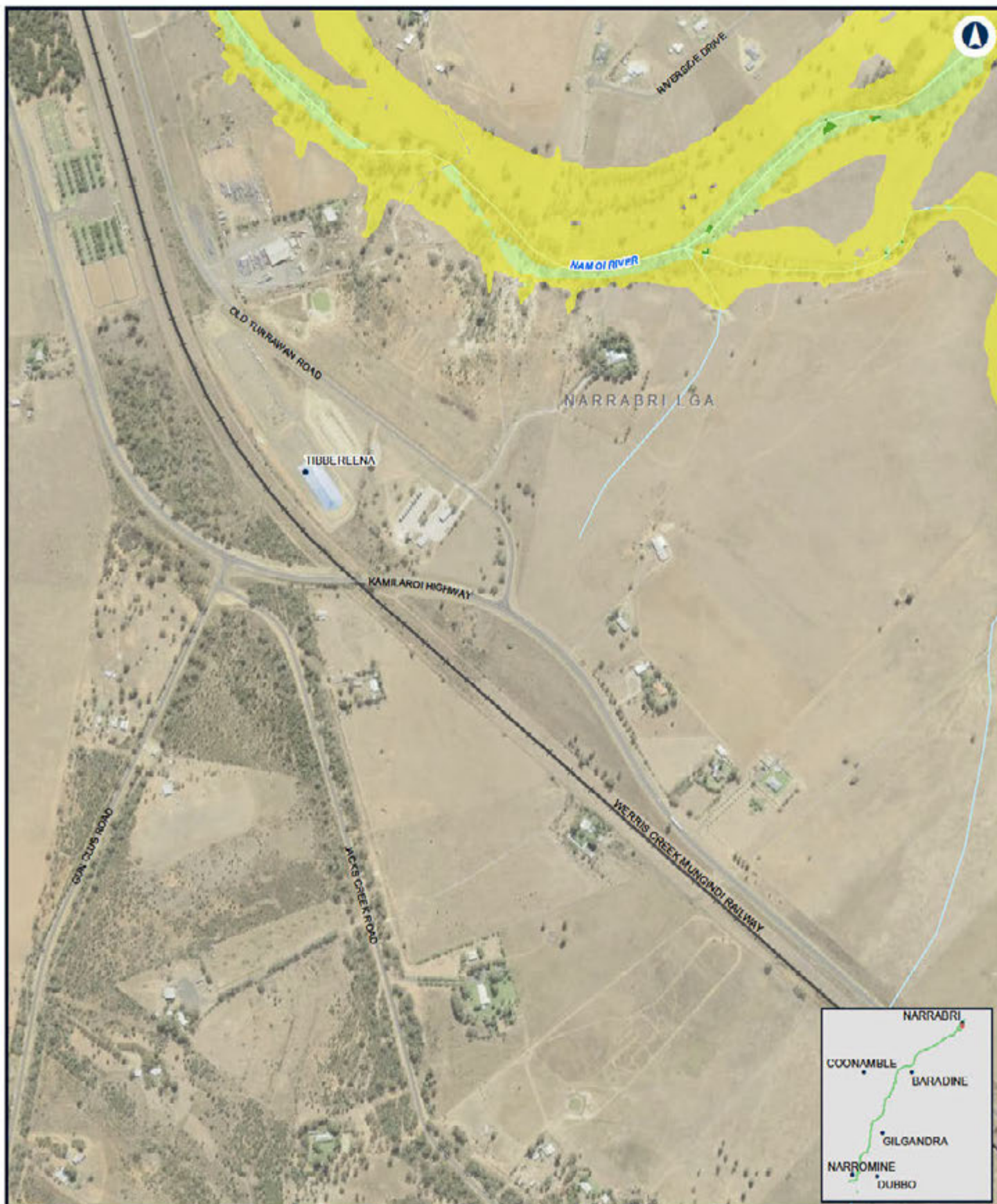
LEGEND

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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0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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



NARROMINE TO NARRABRI

Existing peak velocity - 20% AEP - Narrabri Regional

Appendix A Figure 1.14.40

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:10,000

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

LEGEND

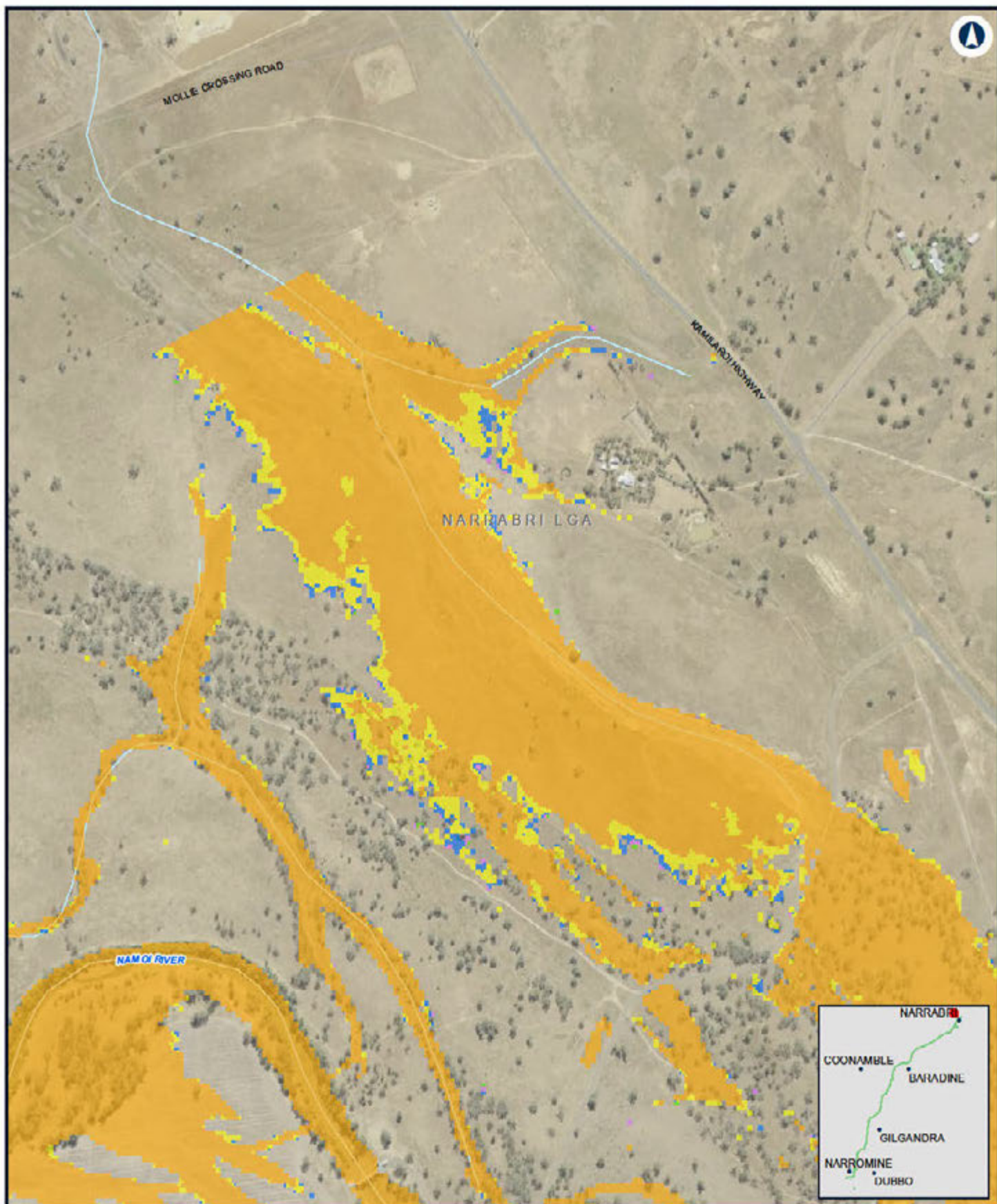
Flood velocity

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.1

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

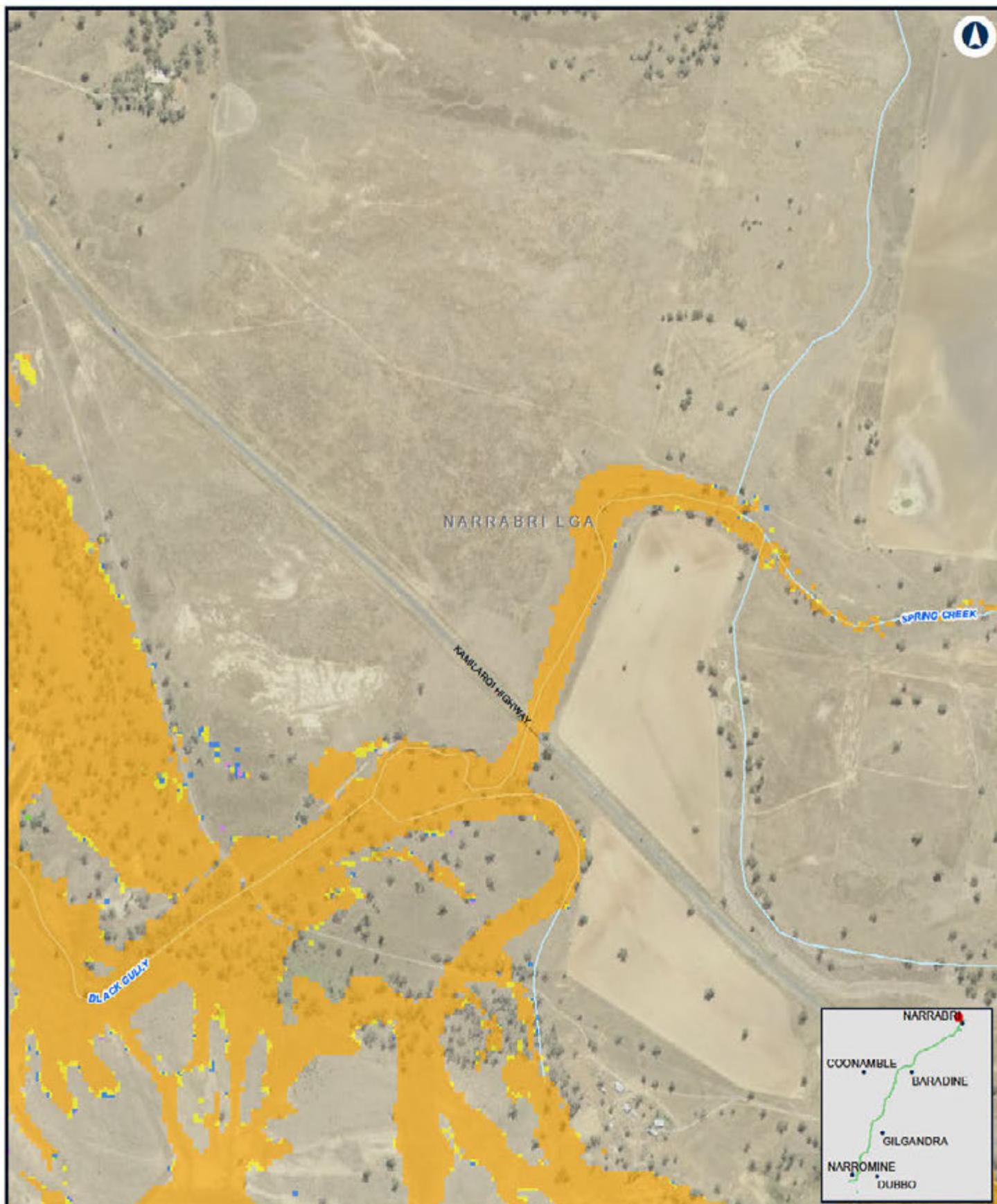
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.2

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.3

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Page: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

LEGEND

Duration (hrs)

3hrs - 6hrs

6hrs - 12hrs

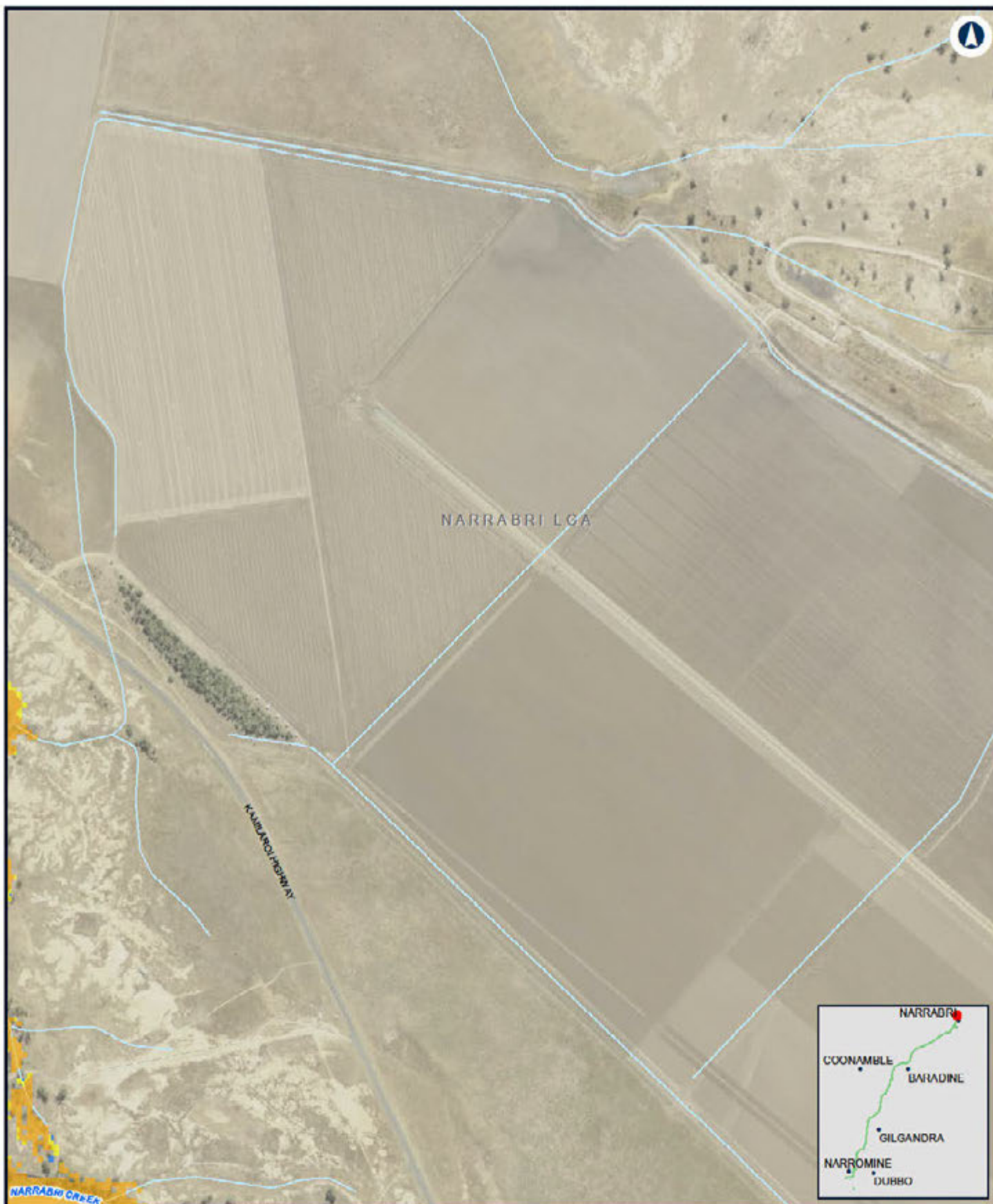
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.4

0 0.1 0.2
Km

LEGEND

Duration (hrs)

- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs

Coordinate System: GDA 1994 MGA Zone 56

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.5

0 0.1 0.2
Km

LEGEND

Duration (hrs)

3hrs - 6hrs

6hrs - 12hrs

12hrs - 24hrs

> 24hrs

Coordinate System: GDA 1994 MGA Zone 56

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.6

0 0.1 0.2
Km

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.7

0 0.1 0.2
Km

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

LEGEND

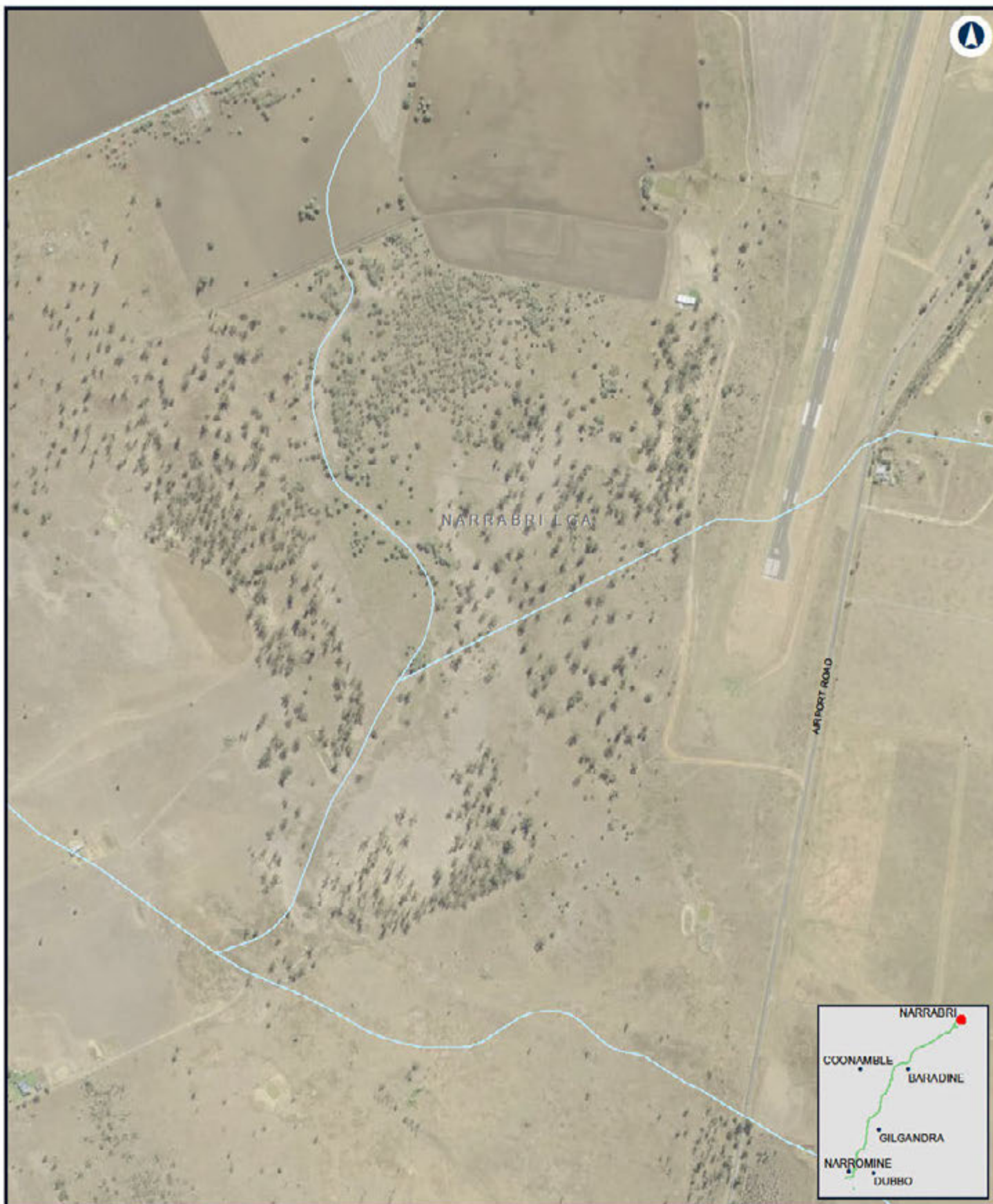
Duration (hrs)

- 6hrs - 12hrs
- 12hrs - 24hrs
- > 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.8

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 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 duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.9

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Page: A4

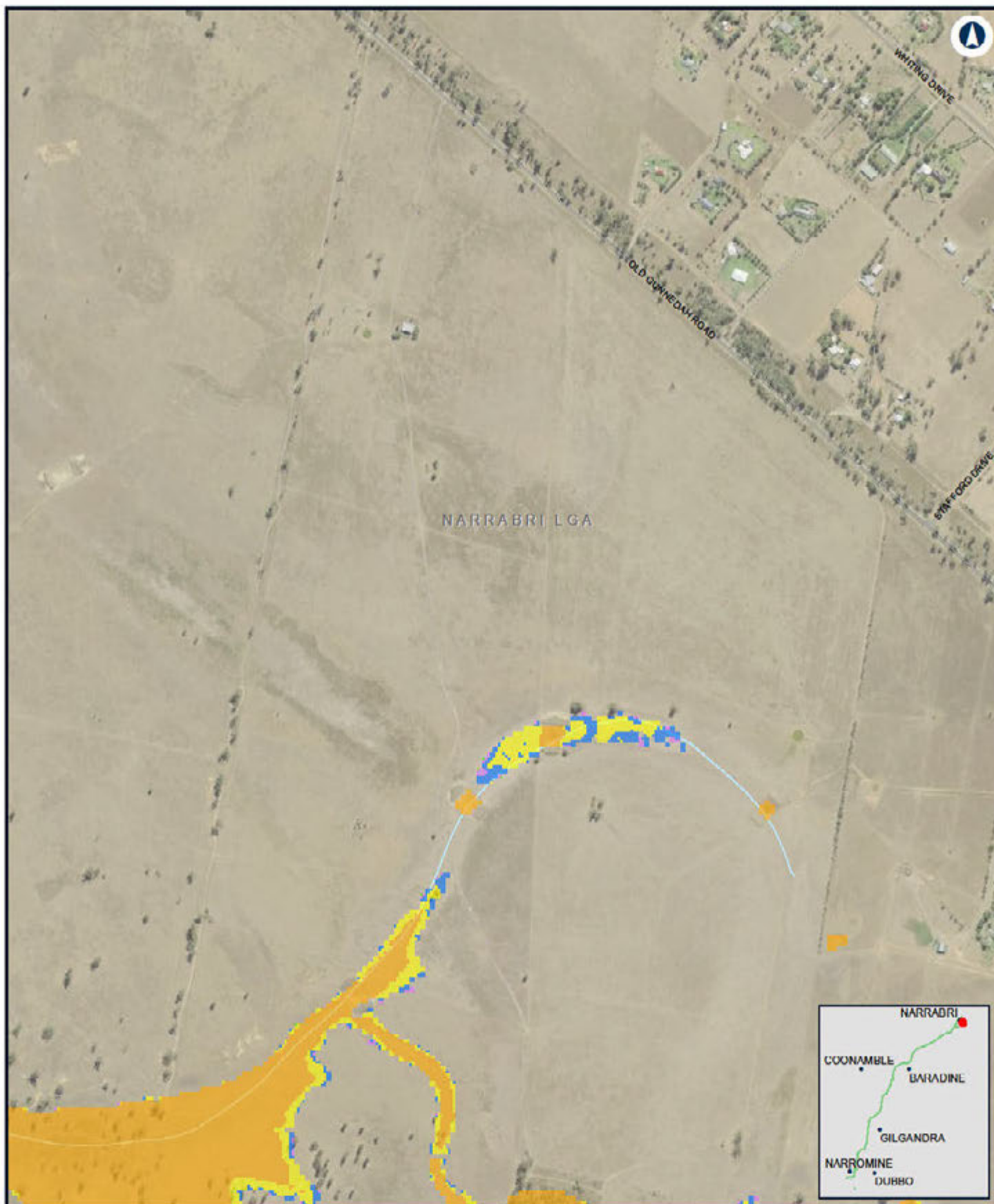
Author: JacobsGHD

Scale: 1:7,163,937

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.10

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

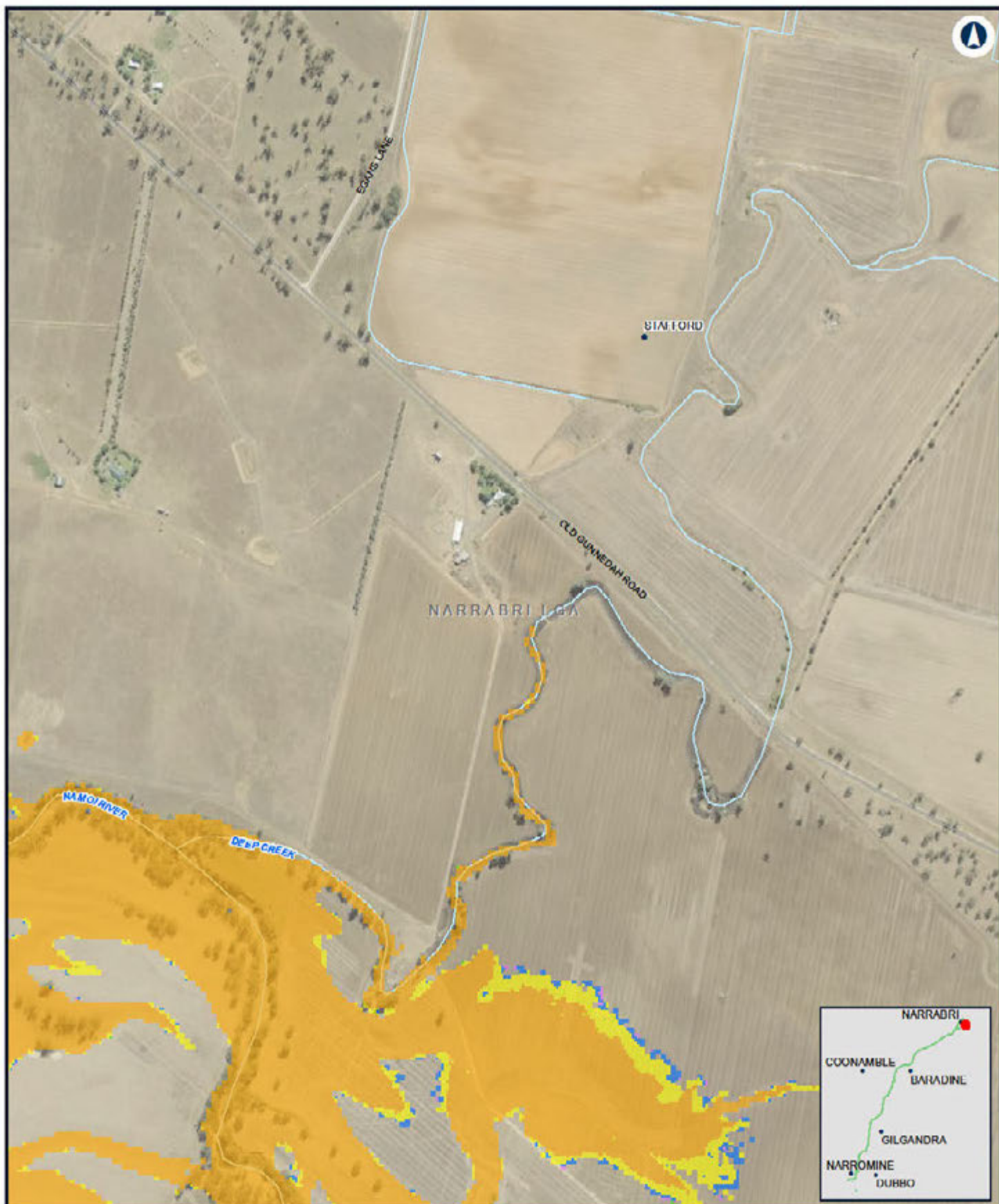
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.11

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.12

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

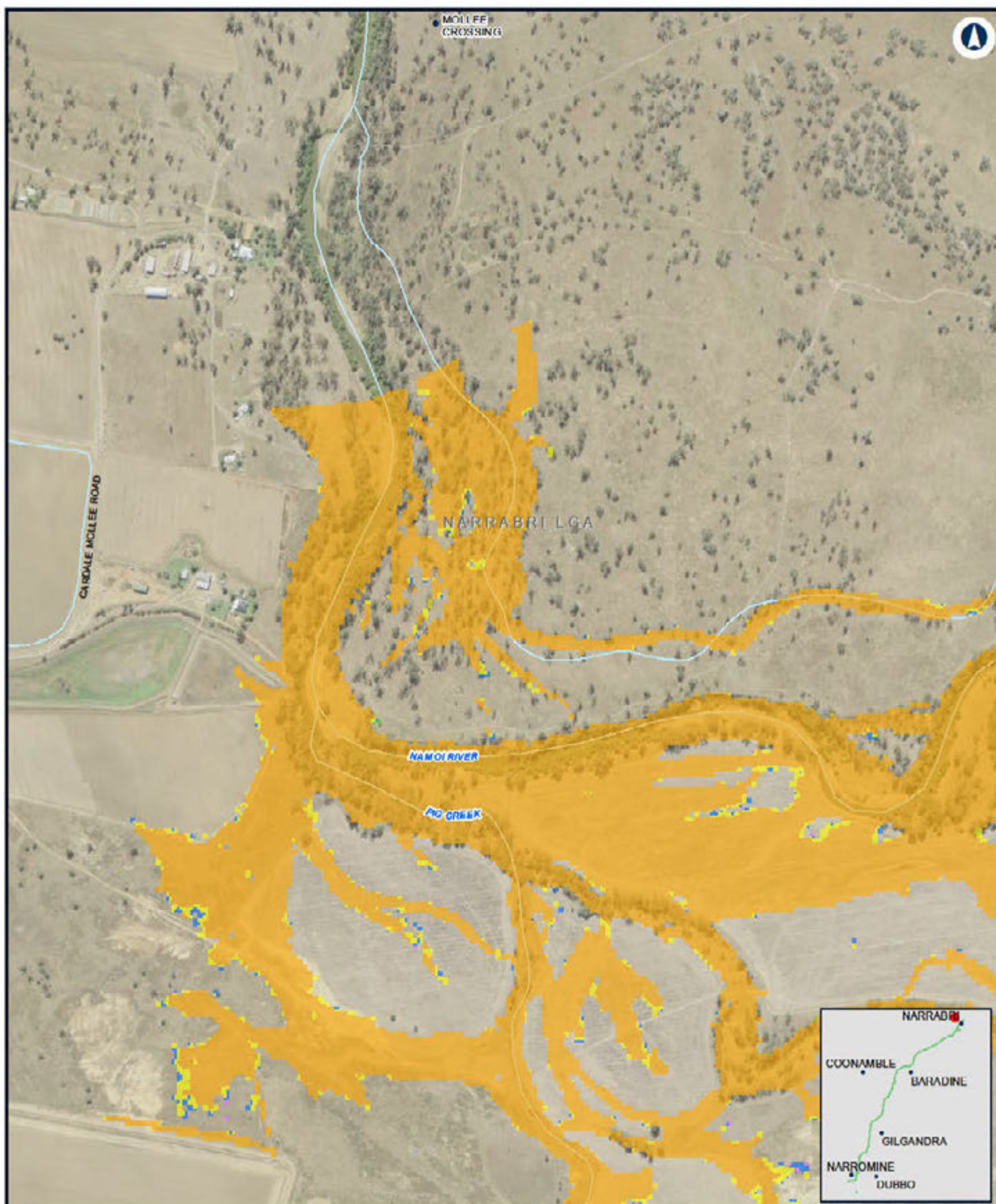
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.13

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Paper: A4

Author: JacobsGHD

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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

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NARRABRI TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.14

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Paper: A4

Author: JacobsGHD

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

LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

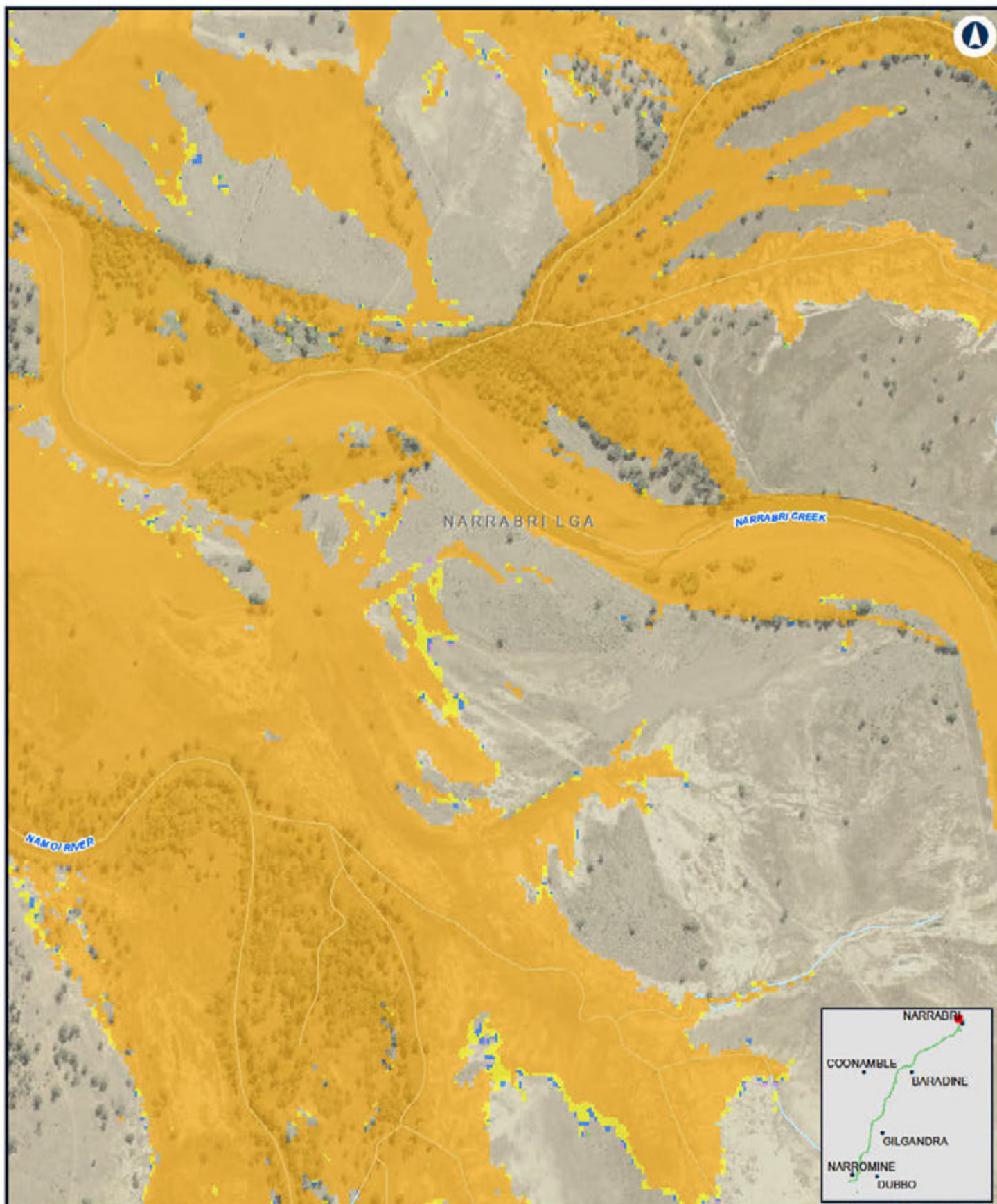
12hrs - 24hrs

> 24hrs

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NARRABRI TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.15

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

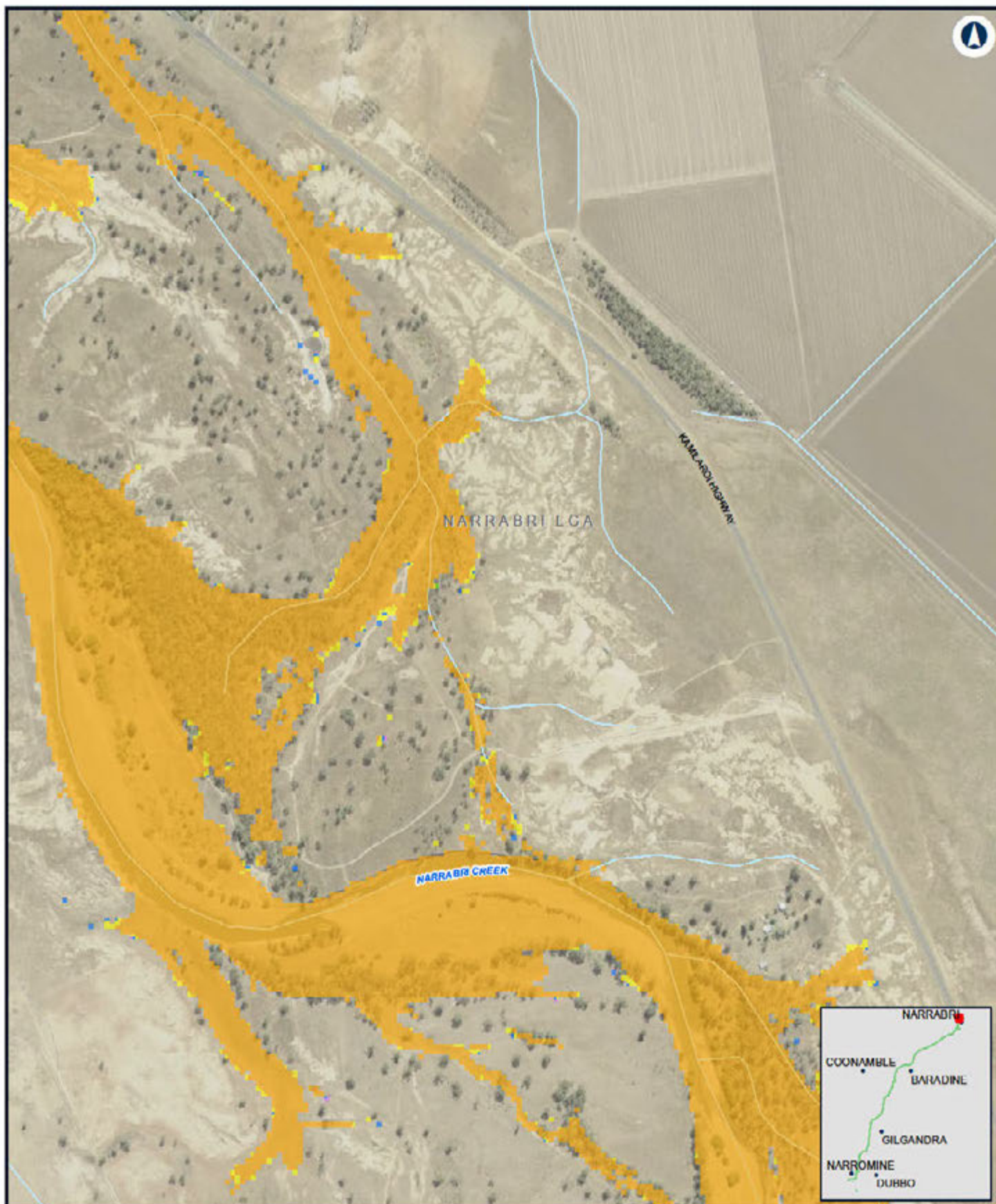
12hrs - 24hrs

> 24hrs

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NARRABRI TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.16

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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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

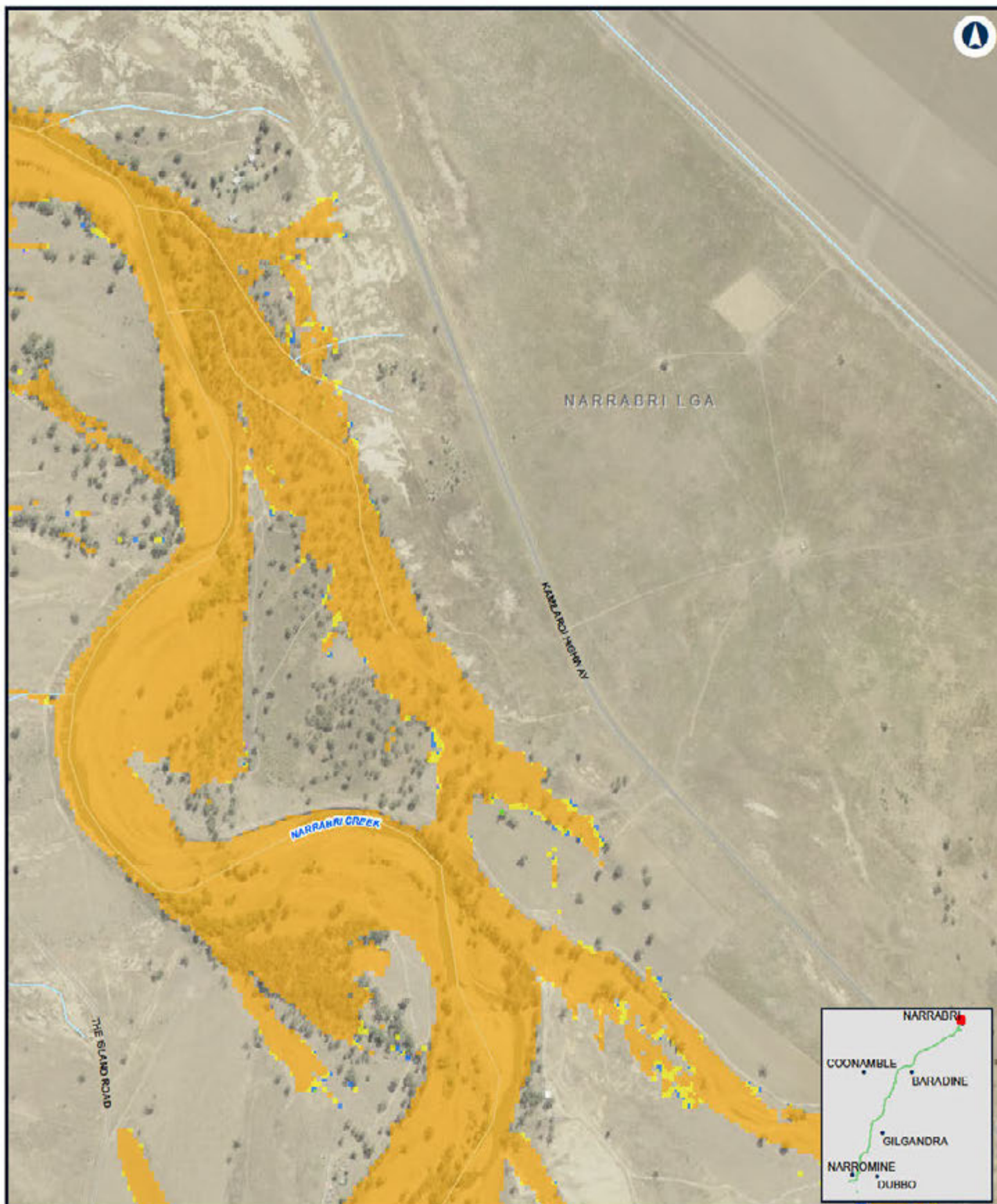
12hrs - 24hrs

> 24hrs

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NARRABRI TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.17

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

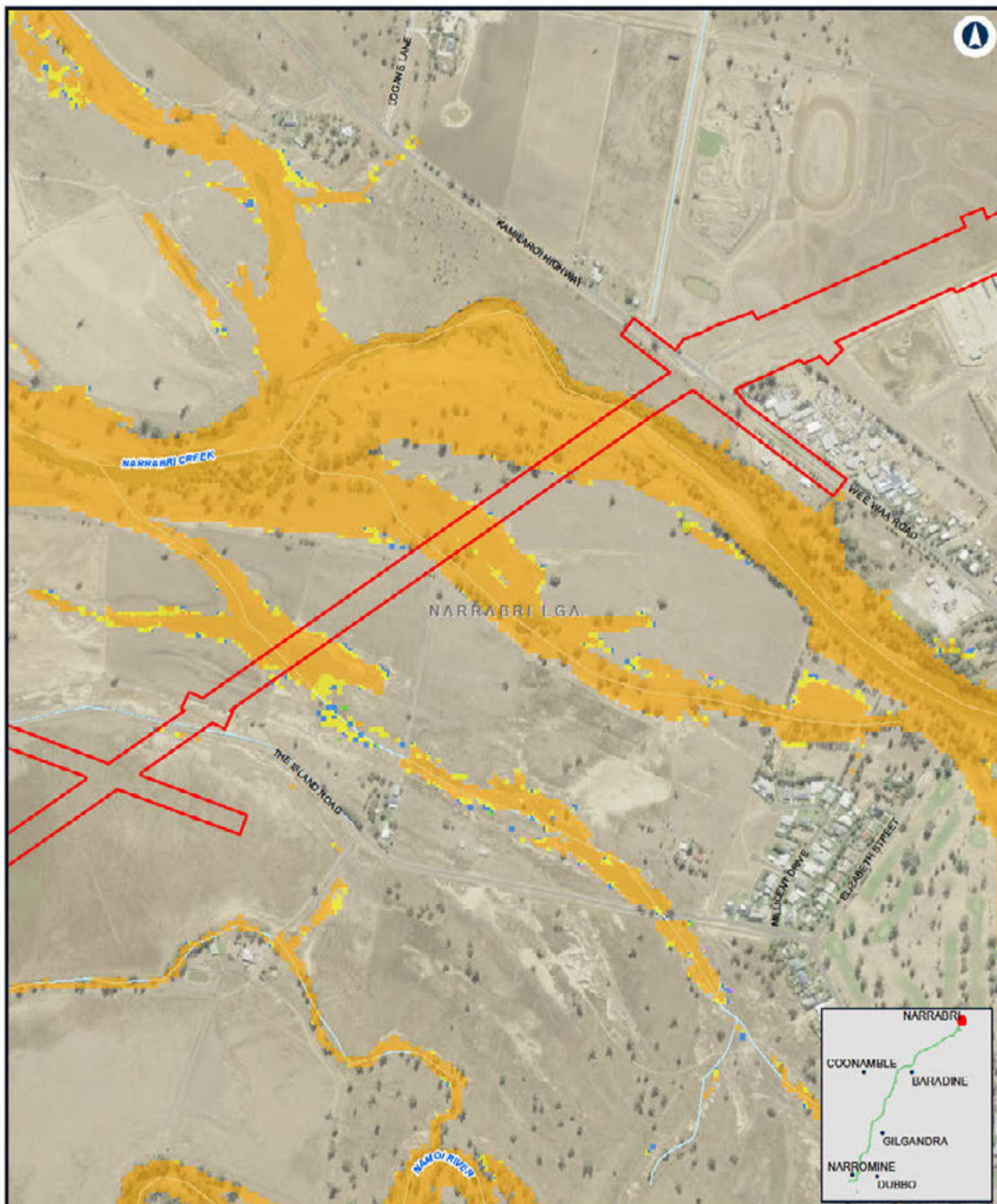
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.18

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.20

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

12hrs - 24hrs

> 24hrs

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NARRABRI TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.21

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

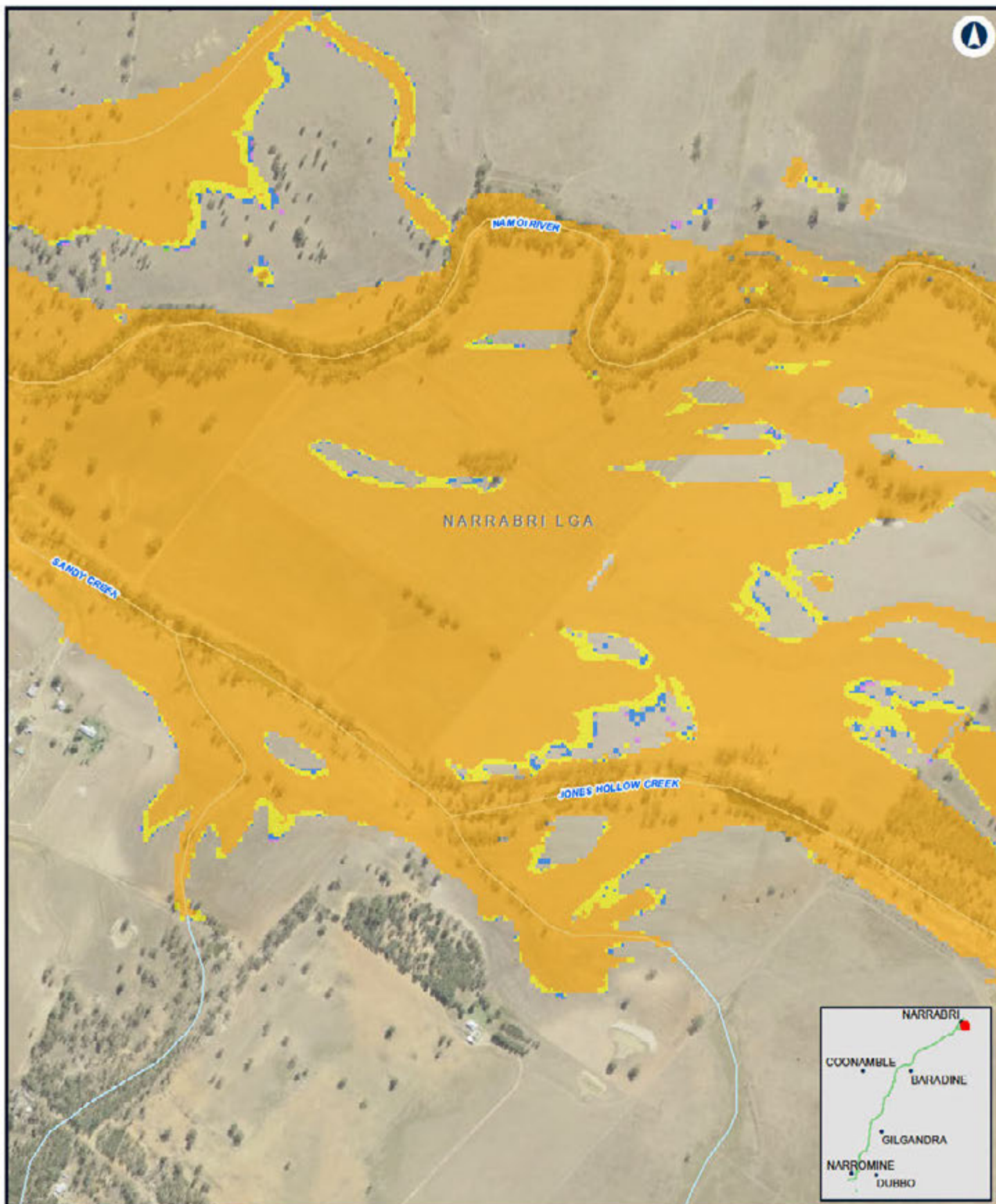
12hrs - 24hrs

> 24hrs

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NARRABRI TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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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)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

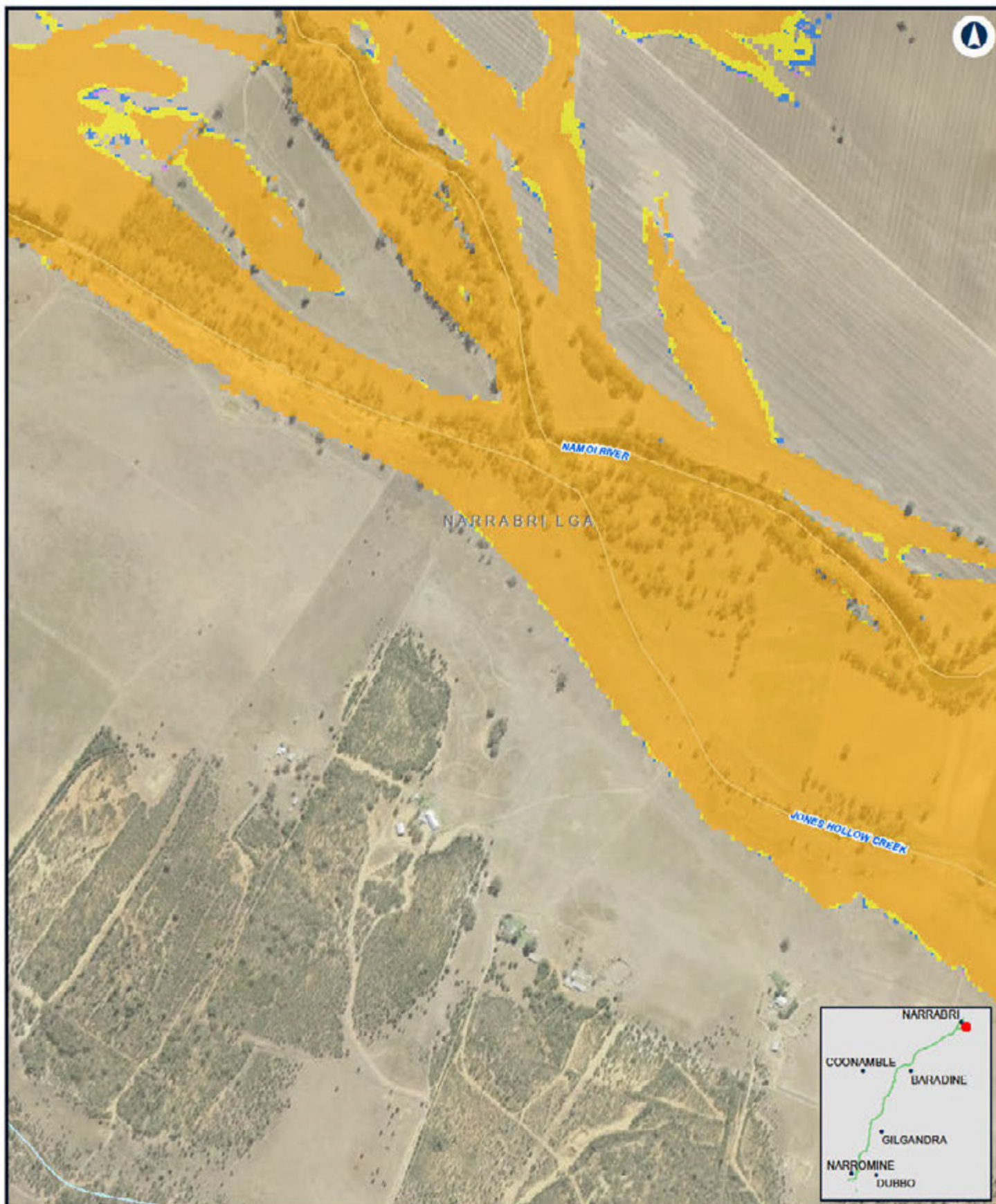
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.23

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Paper: A4

Author: JacobsGHD

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

LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

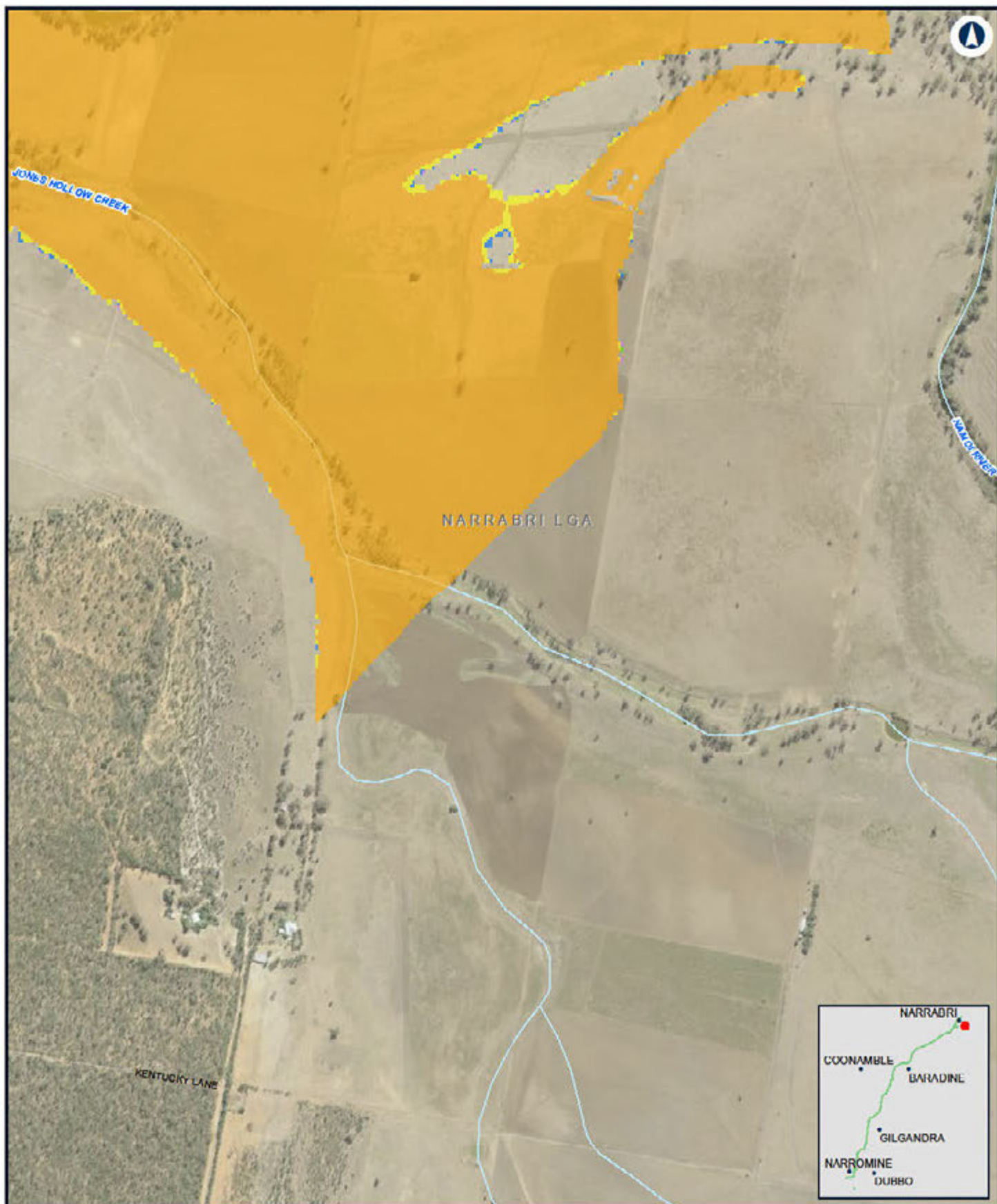
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.24

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

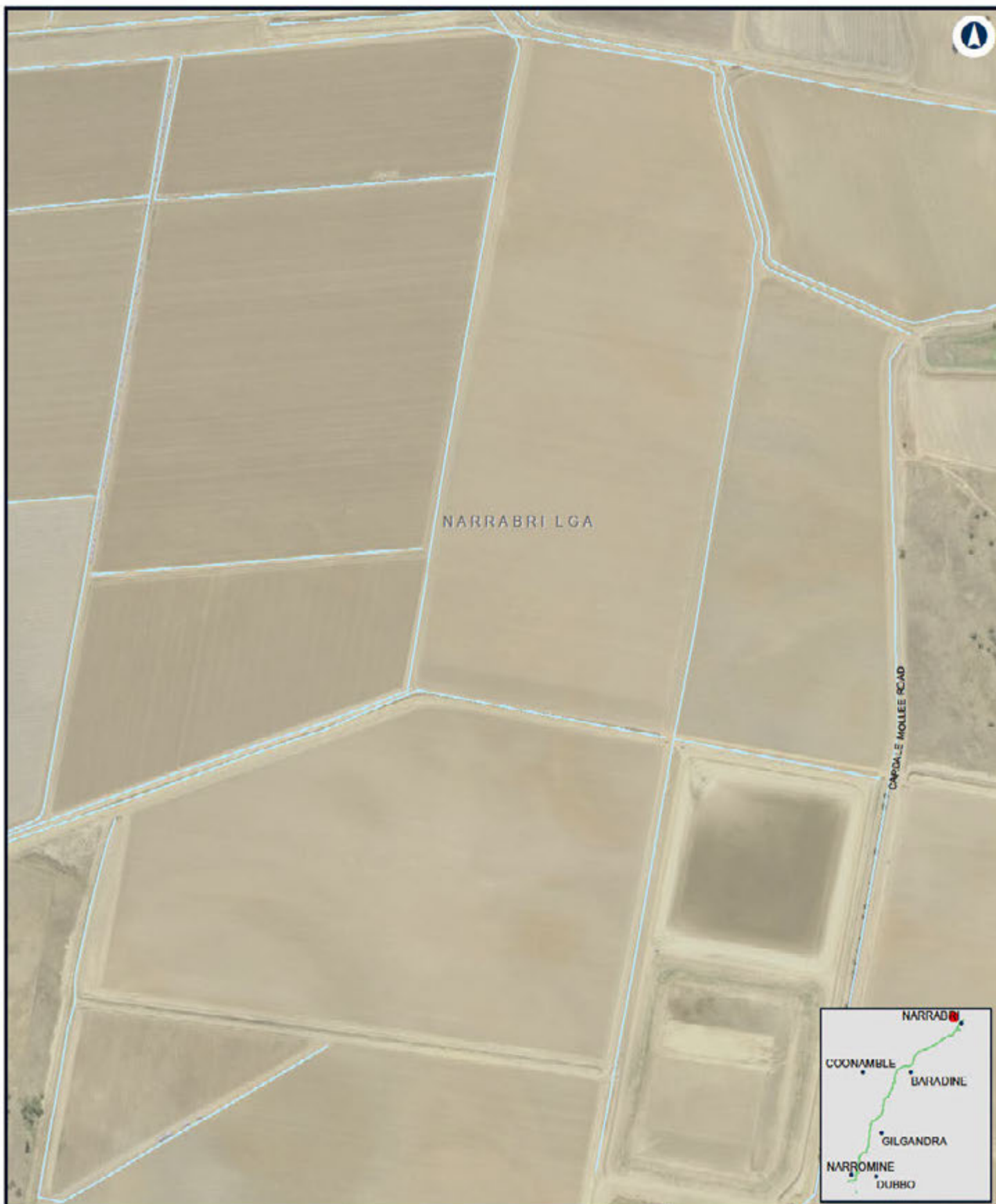
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.25

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.26

0 0.1 0.2
Km

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

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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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.27

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

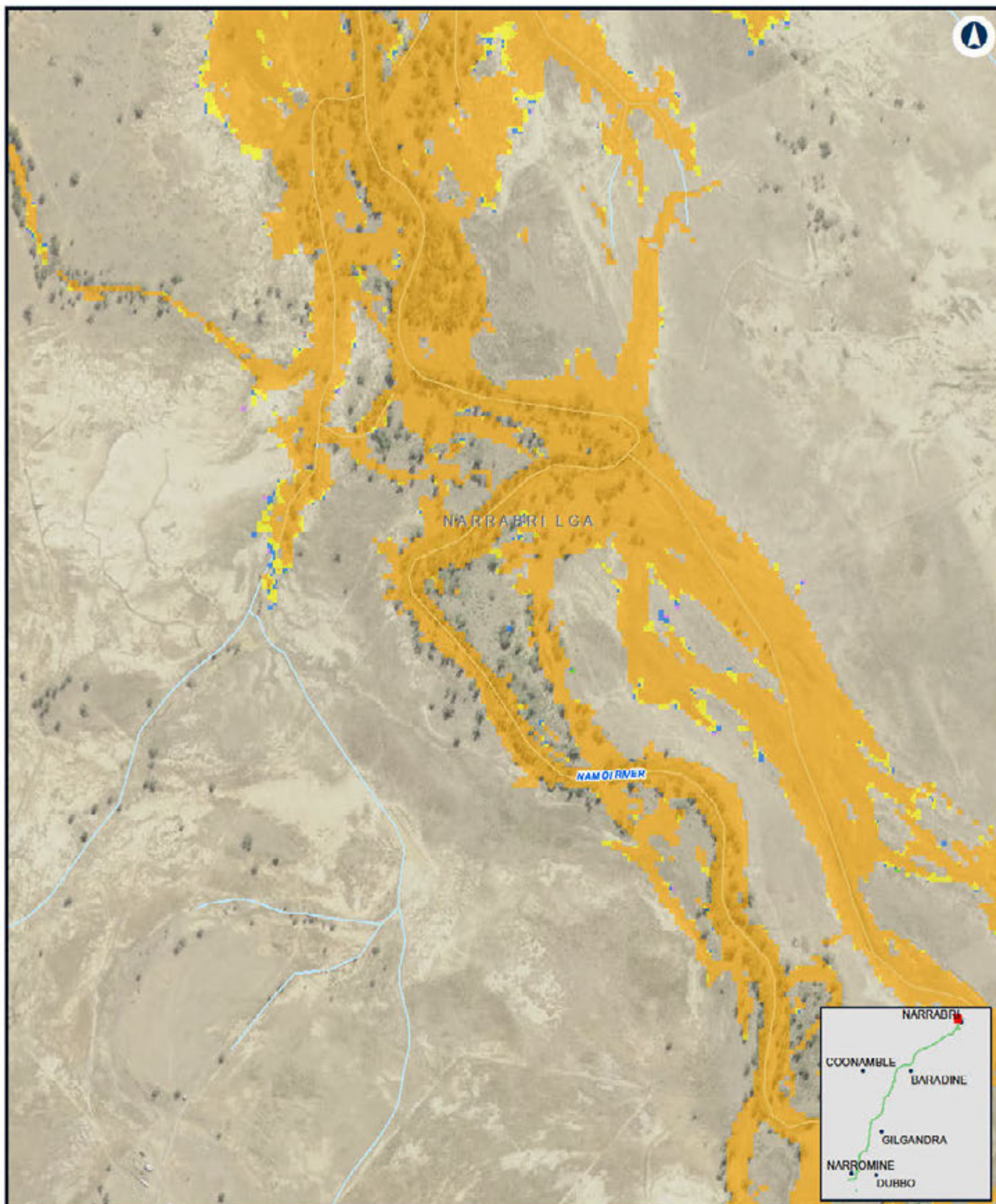
6hrs - 12hrs

12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.28

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.29

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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

LEGEND

Duration (hrs)

0 - 3hrs

3hrs - 6hrs

6hrs - 12hrs

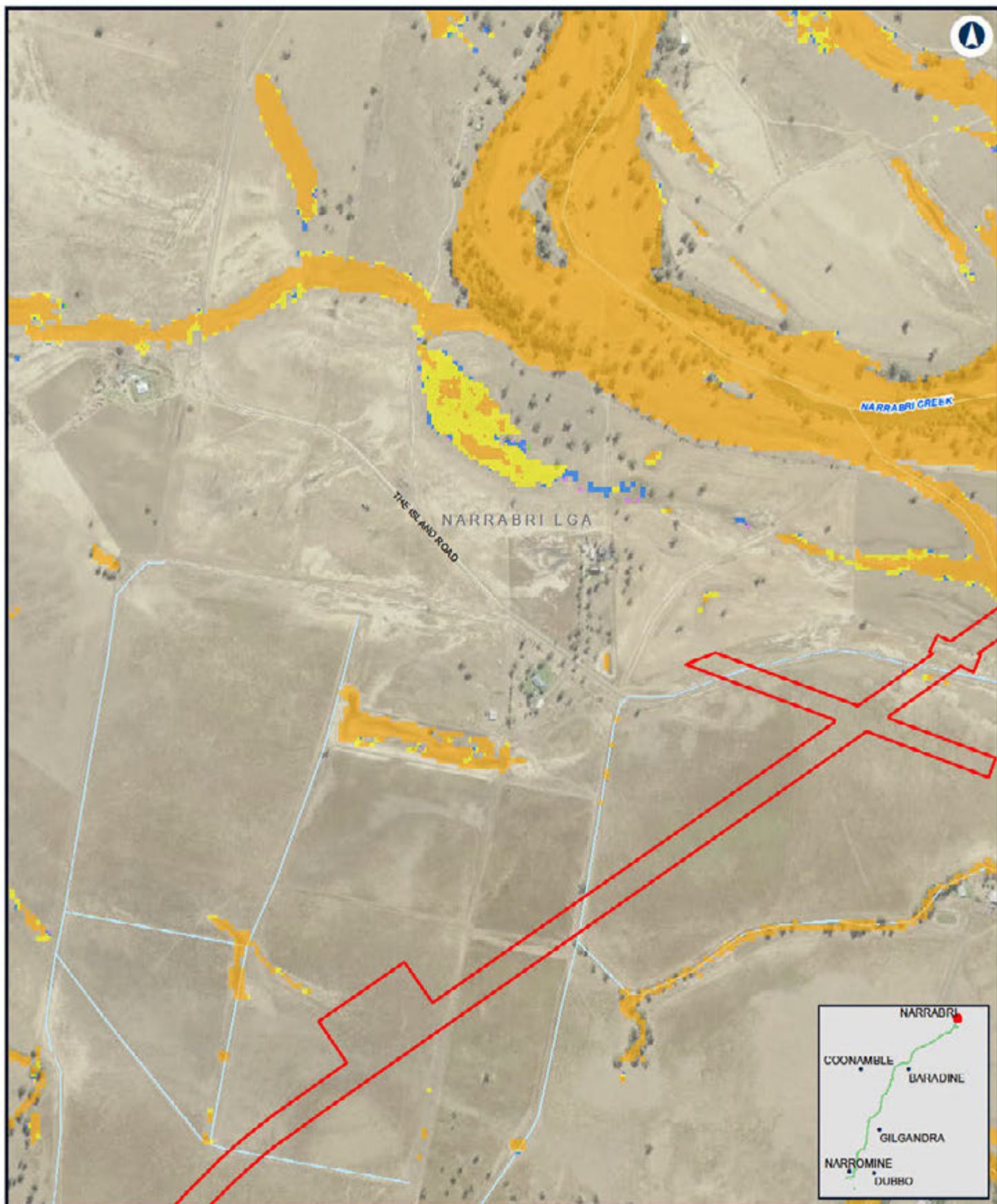
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.30

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

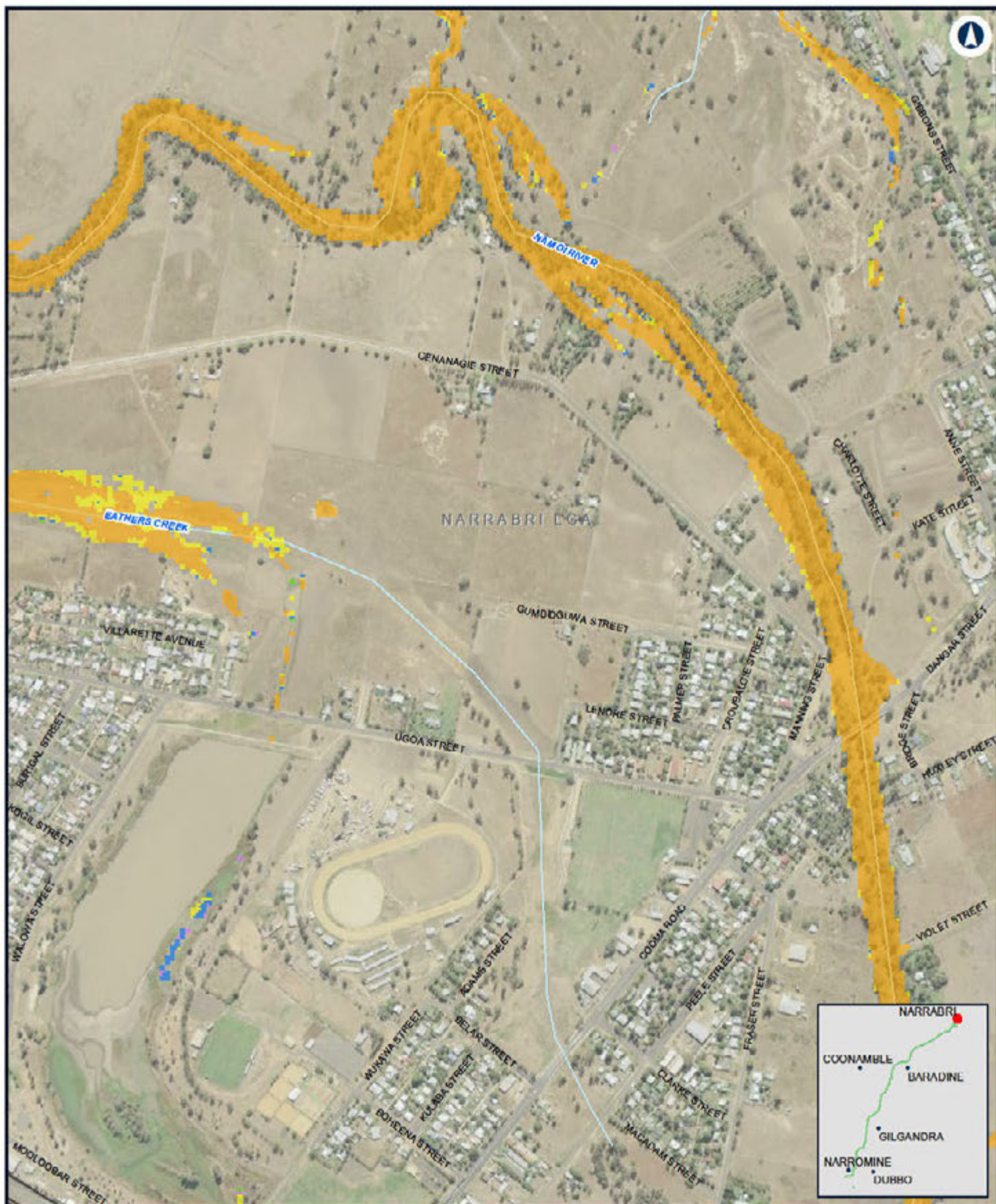
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A Figure 1.15.31

0 0.1 0.2 Km

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

LEGEND

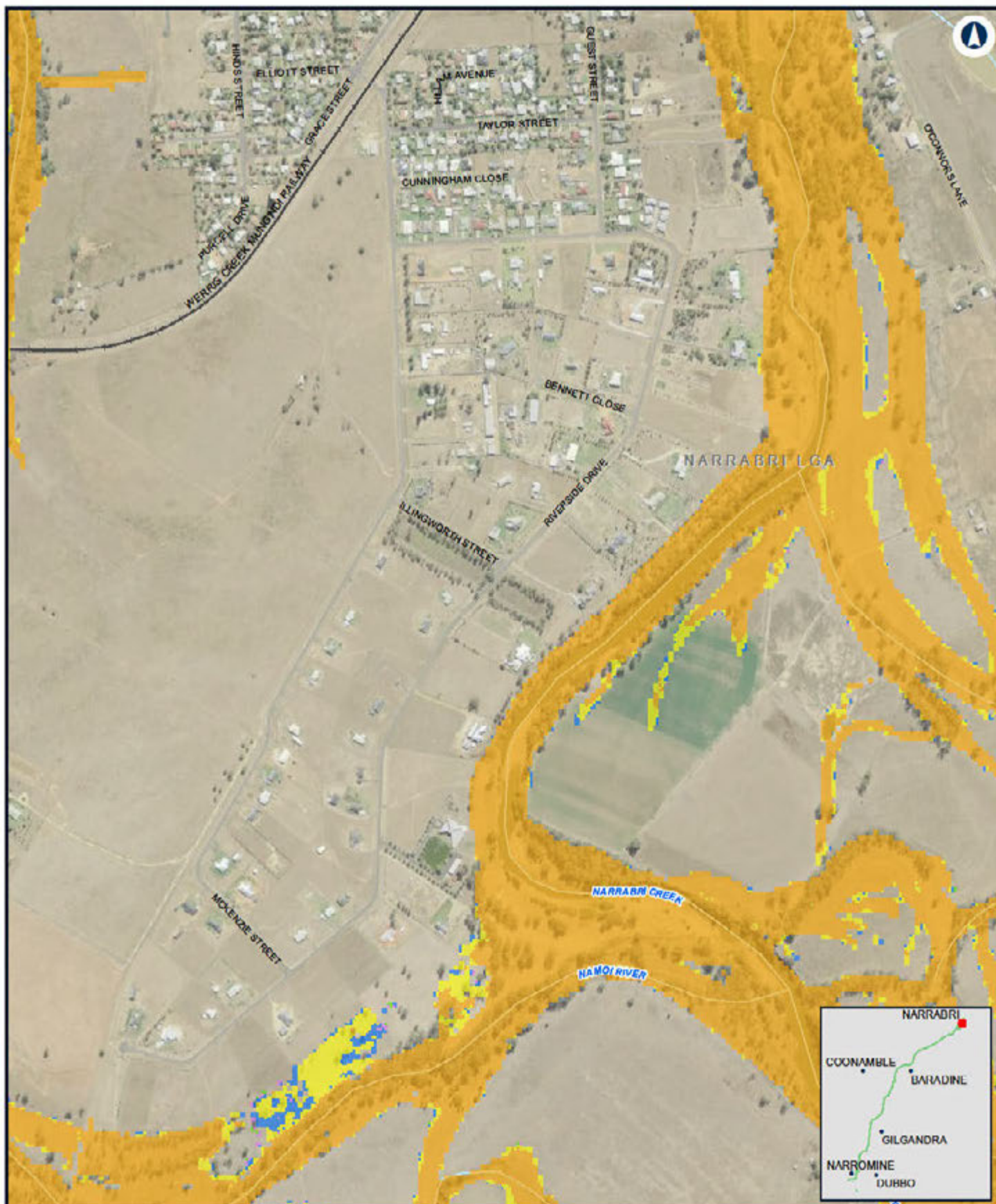
Duration (hrs)

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

**INLAND
RAIL**

ARTC

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.32

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

LEGEND

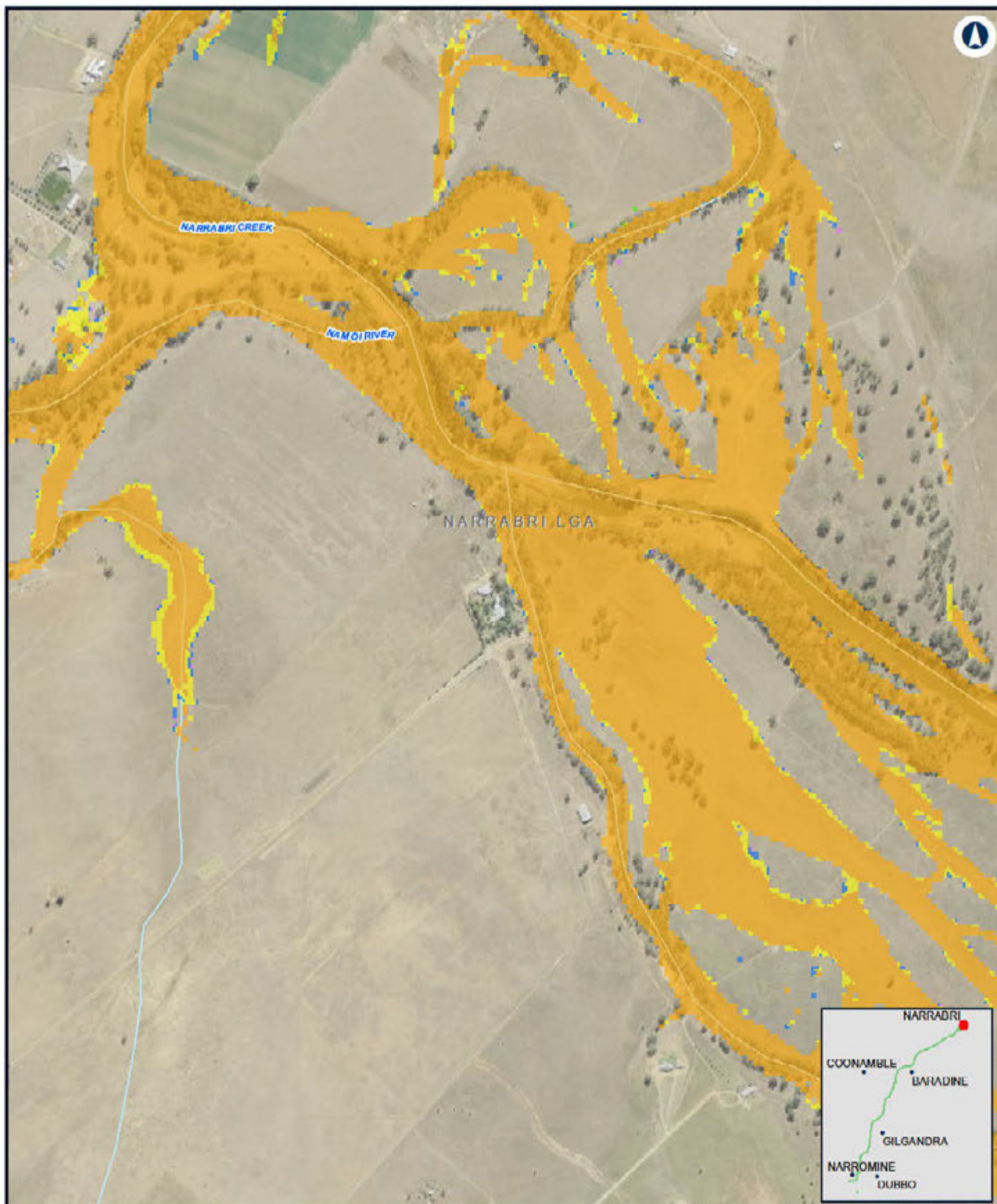
Duration (hrs)

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.3.3

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.34

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.3.5

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

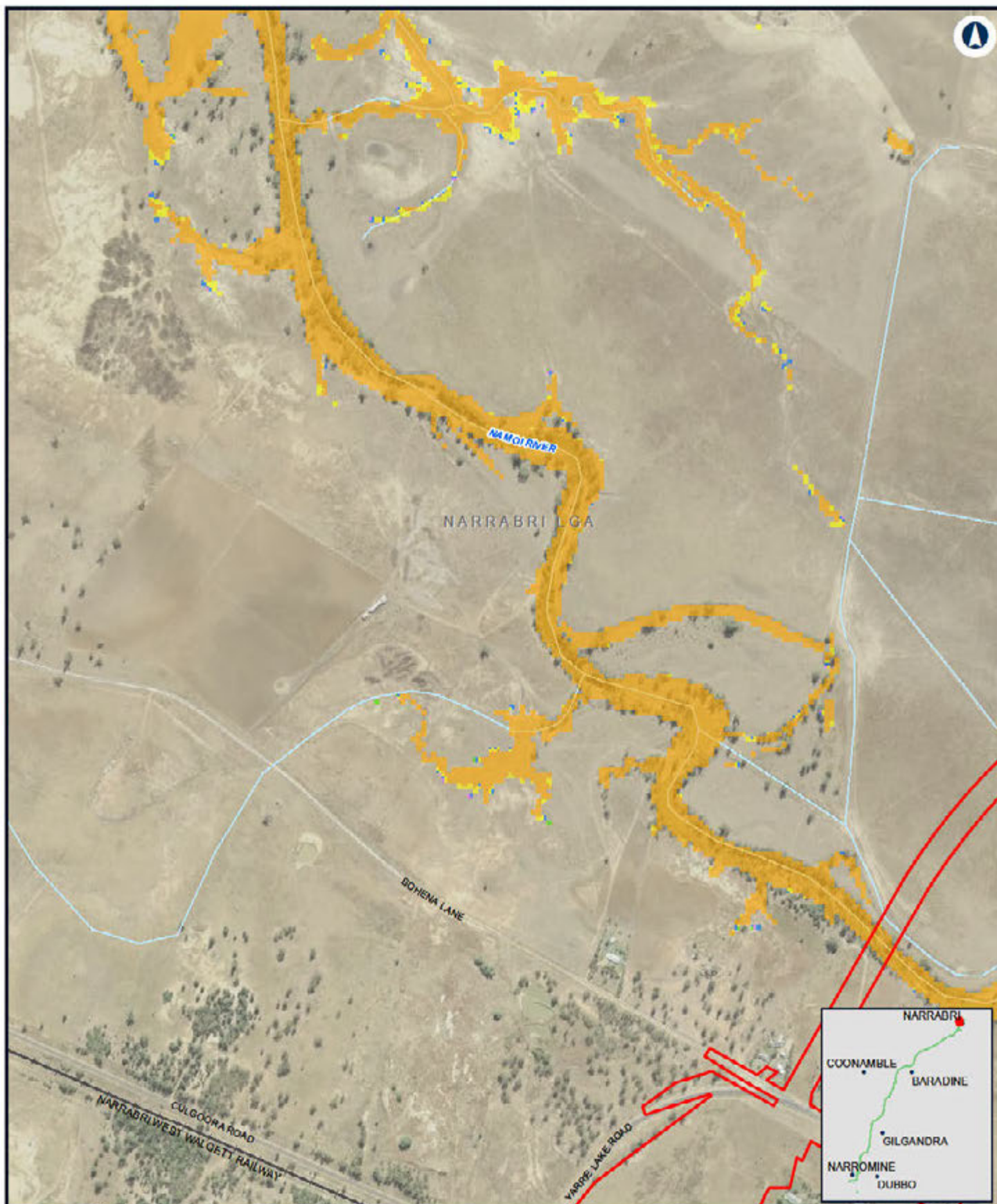
Author: JacobsGHD

Scale: 1:7,163,937

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A Figure 1.15.36

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022

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

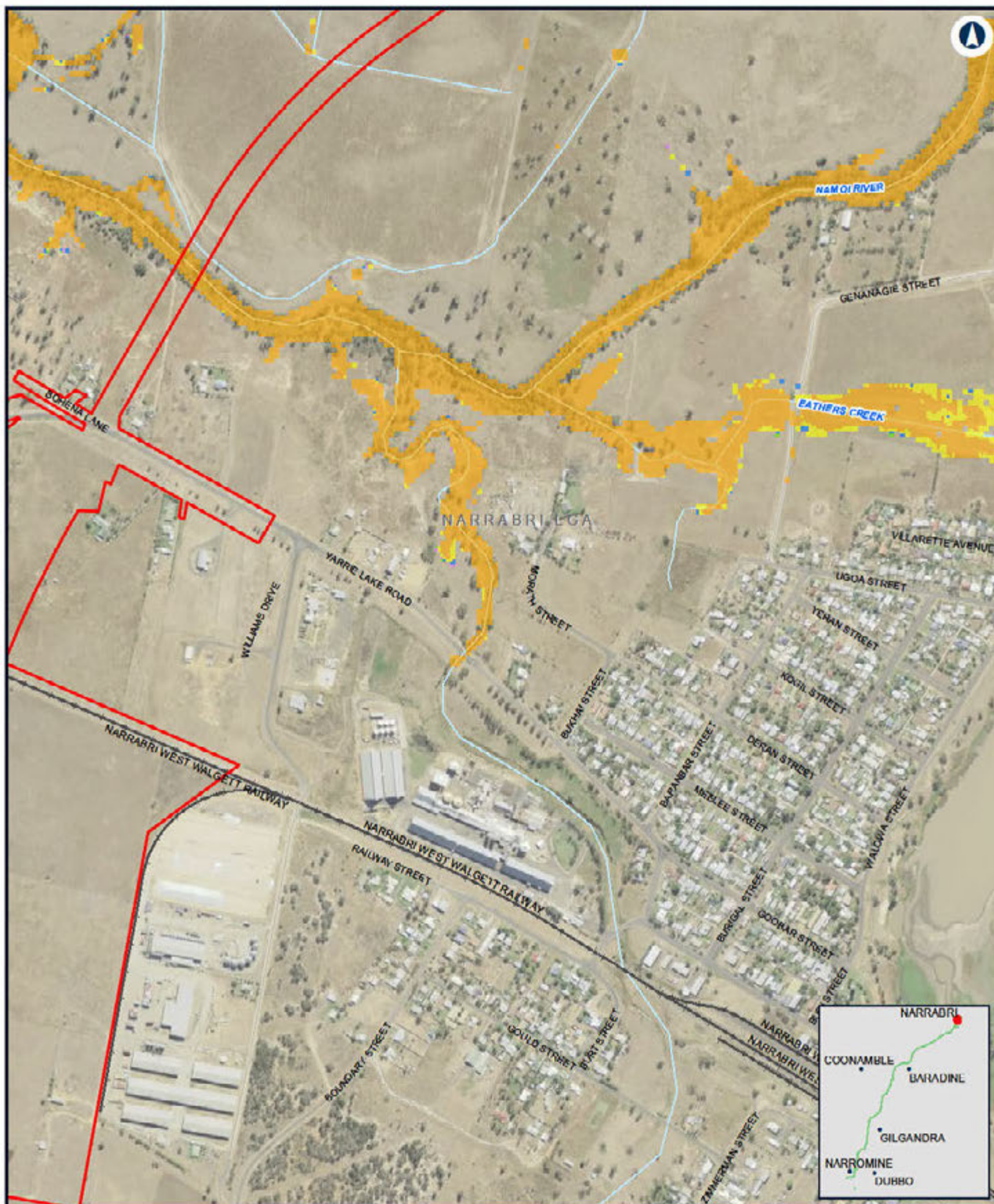
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.37

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARRABRI TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.38

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

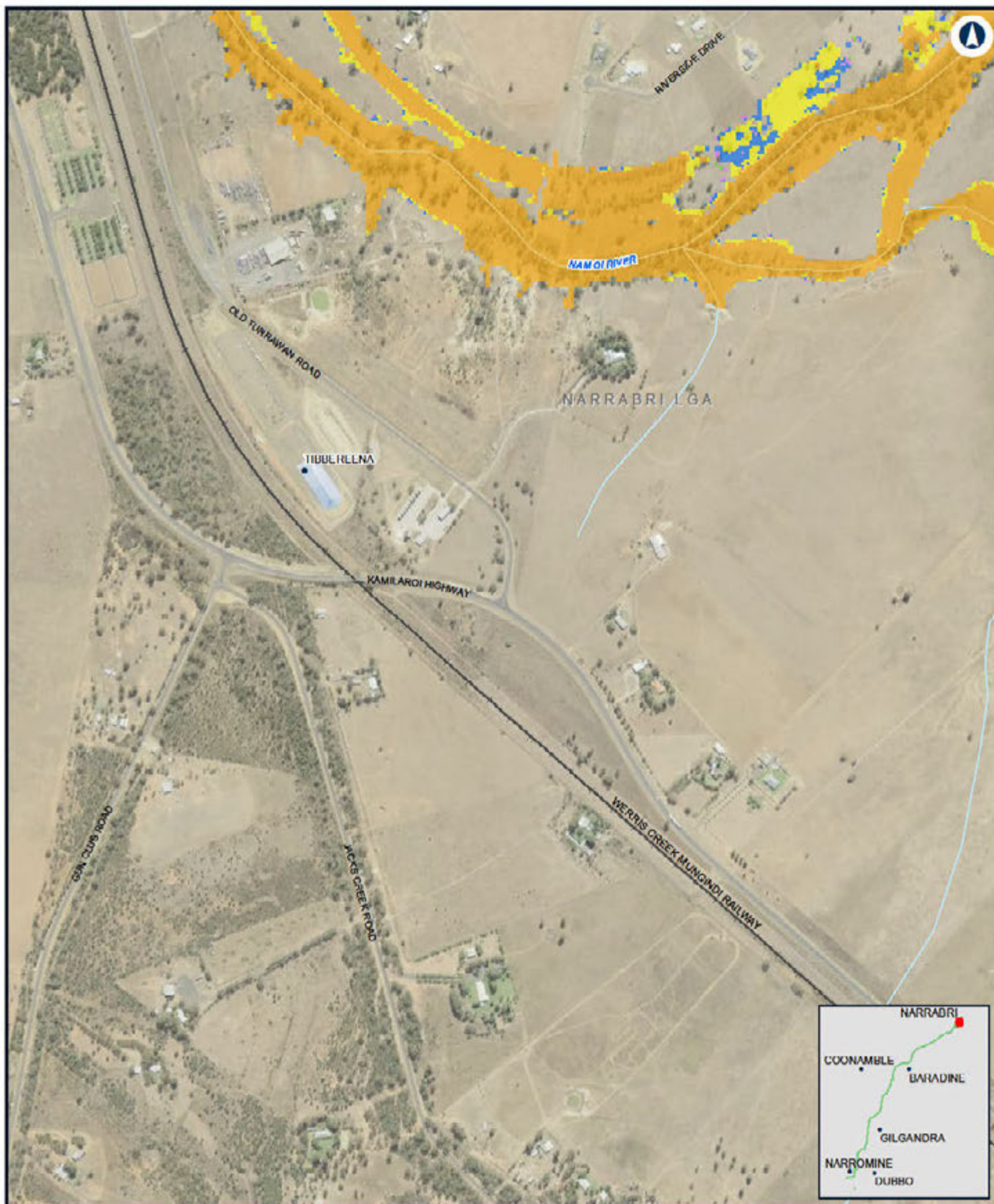
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.39

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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

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NARROMINE TO NARRABRI

Existing duration - 20% AEP - Narrabri Regional

Appendix A - Figure 1.15.40

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

LEGEND

Duration (hrs)

6hrs - 12hrs

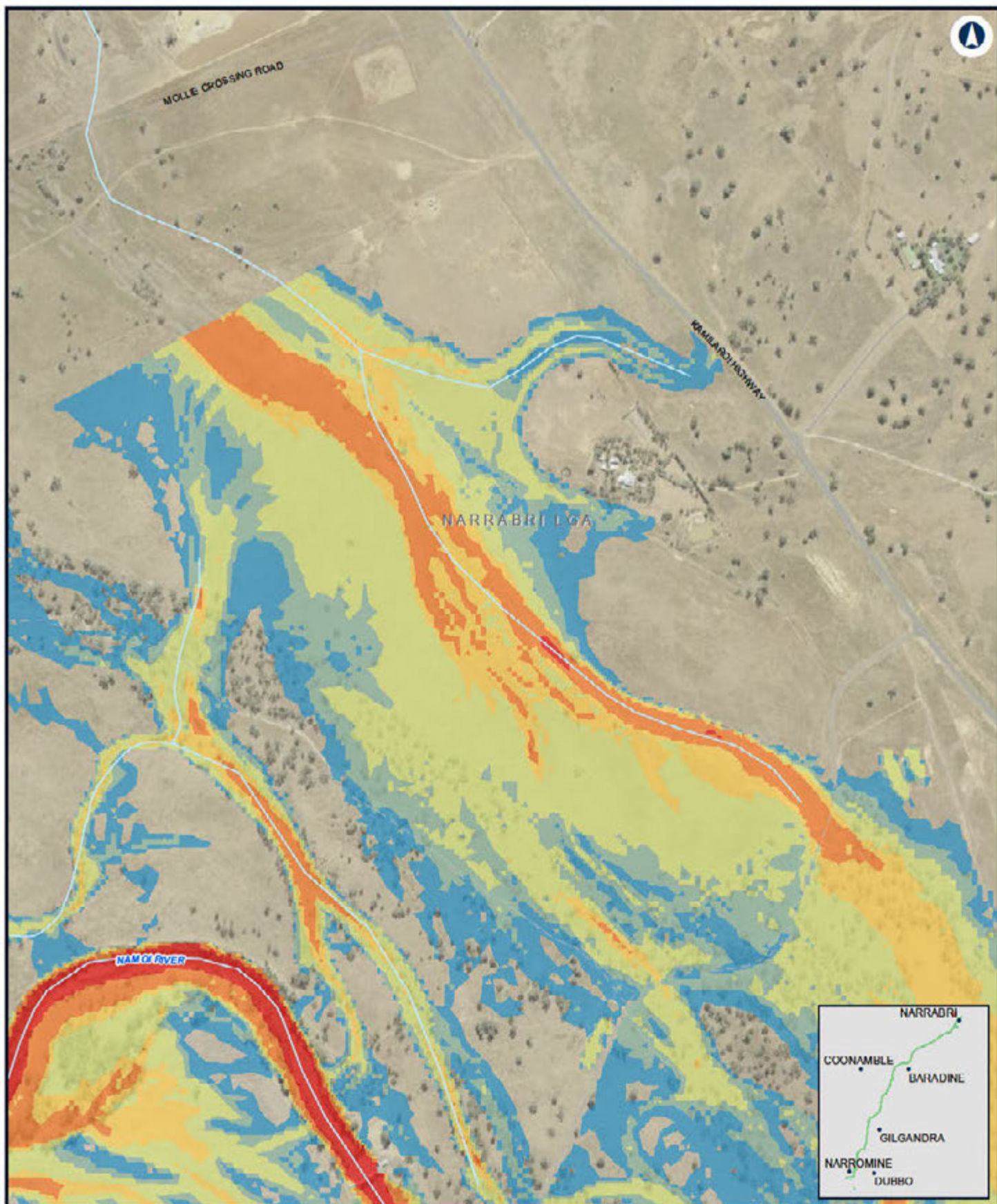
12hrs - 24hrs

> 24hrs

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.1

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

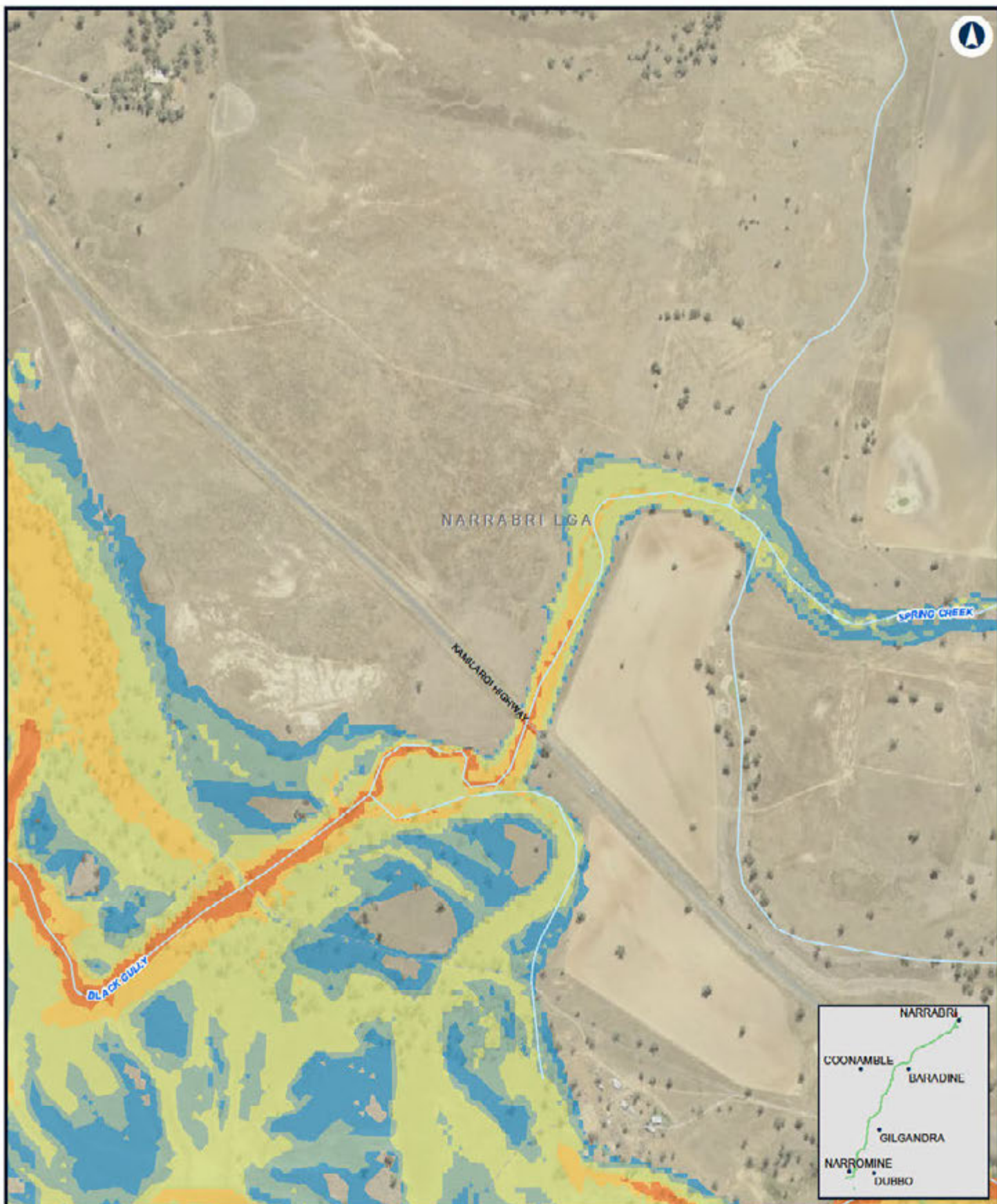
LEGEND

- 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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NARRABRI TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.2

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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Author: JacobsGHD

Scale: 1:7,163,937

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

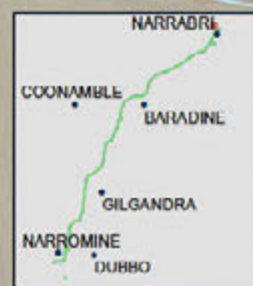
LEGEND

- 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

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.3

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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Author: JacobsGHD

Scale: 1:7,163,937

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

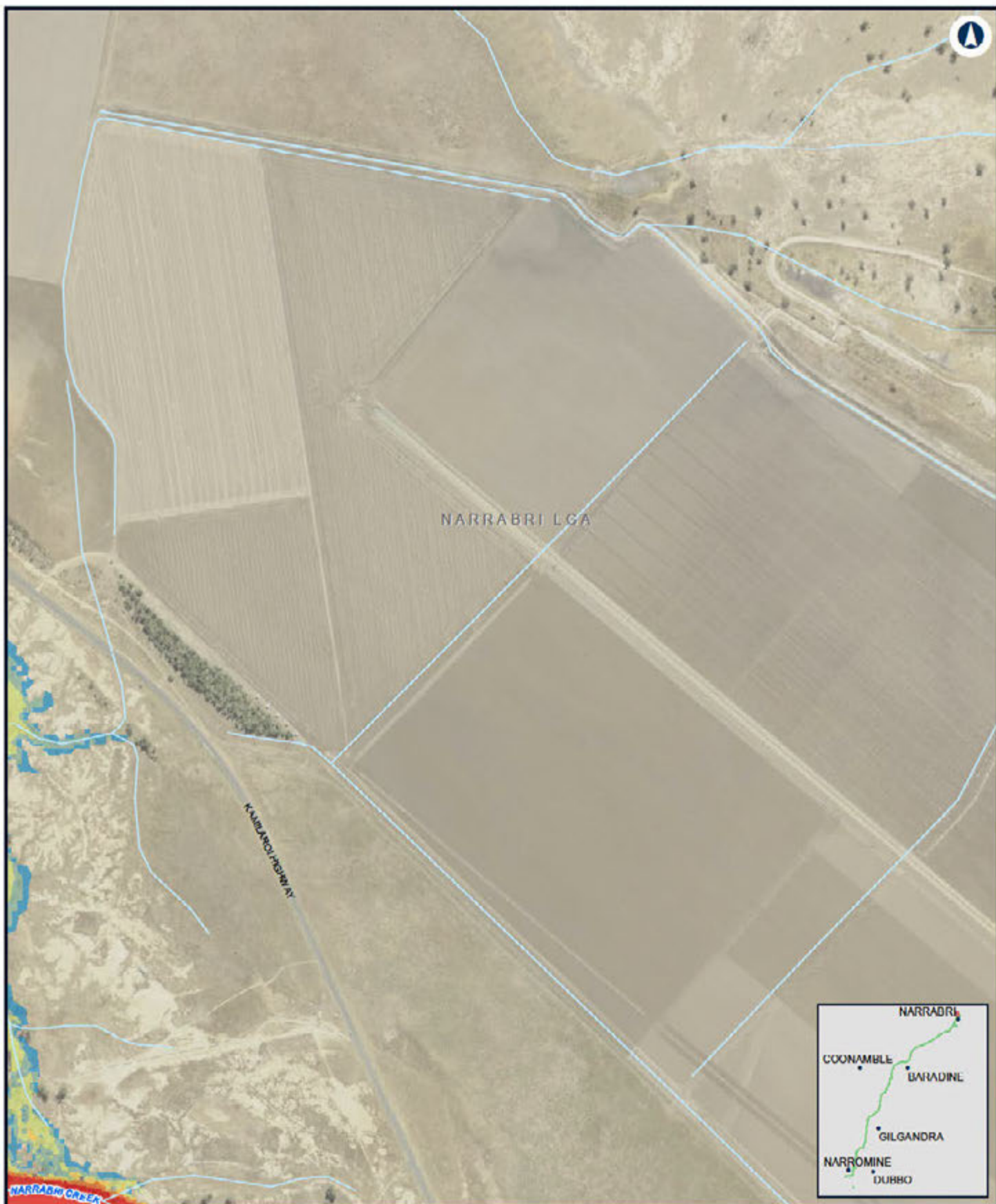
LEGEND

- 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

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.4

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Page: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

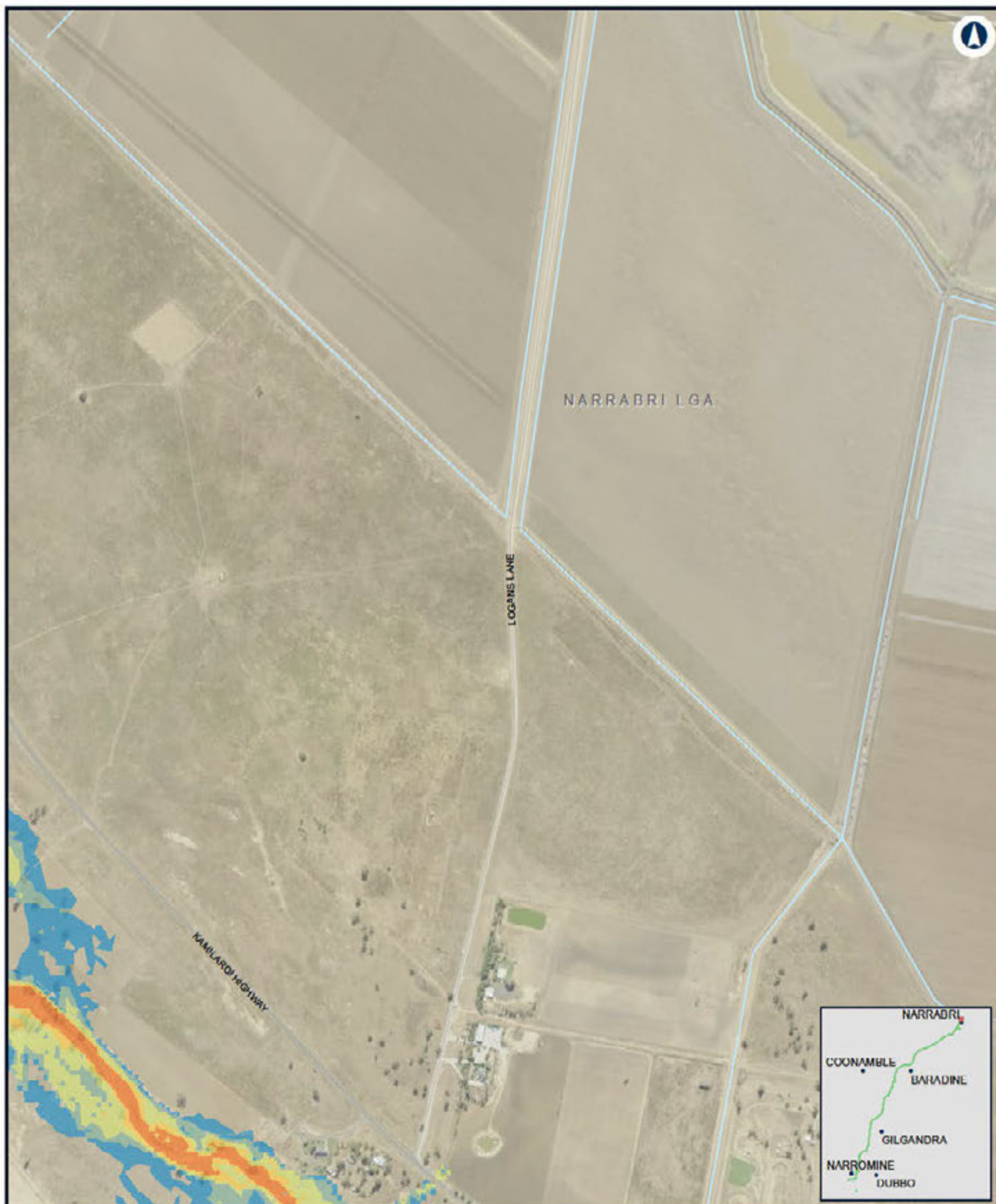
LEGEND

- 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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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.5

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

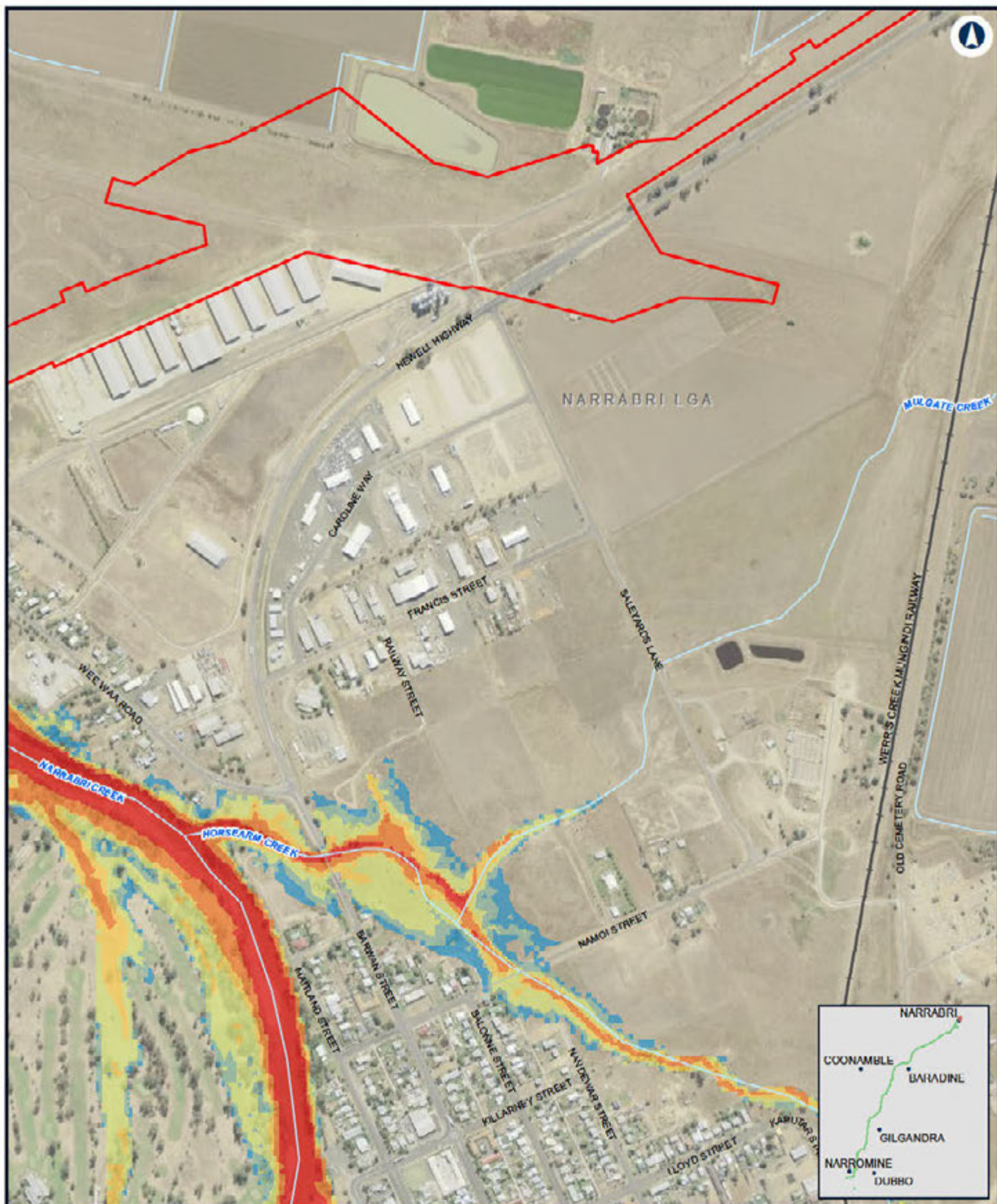
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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

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NARRABRI TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.6

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.7

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56
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Date: 15/03/2022 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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.8

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.9

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.10

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

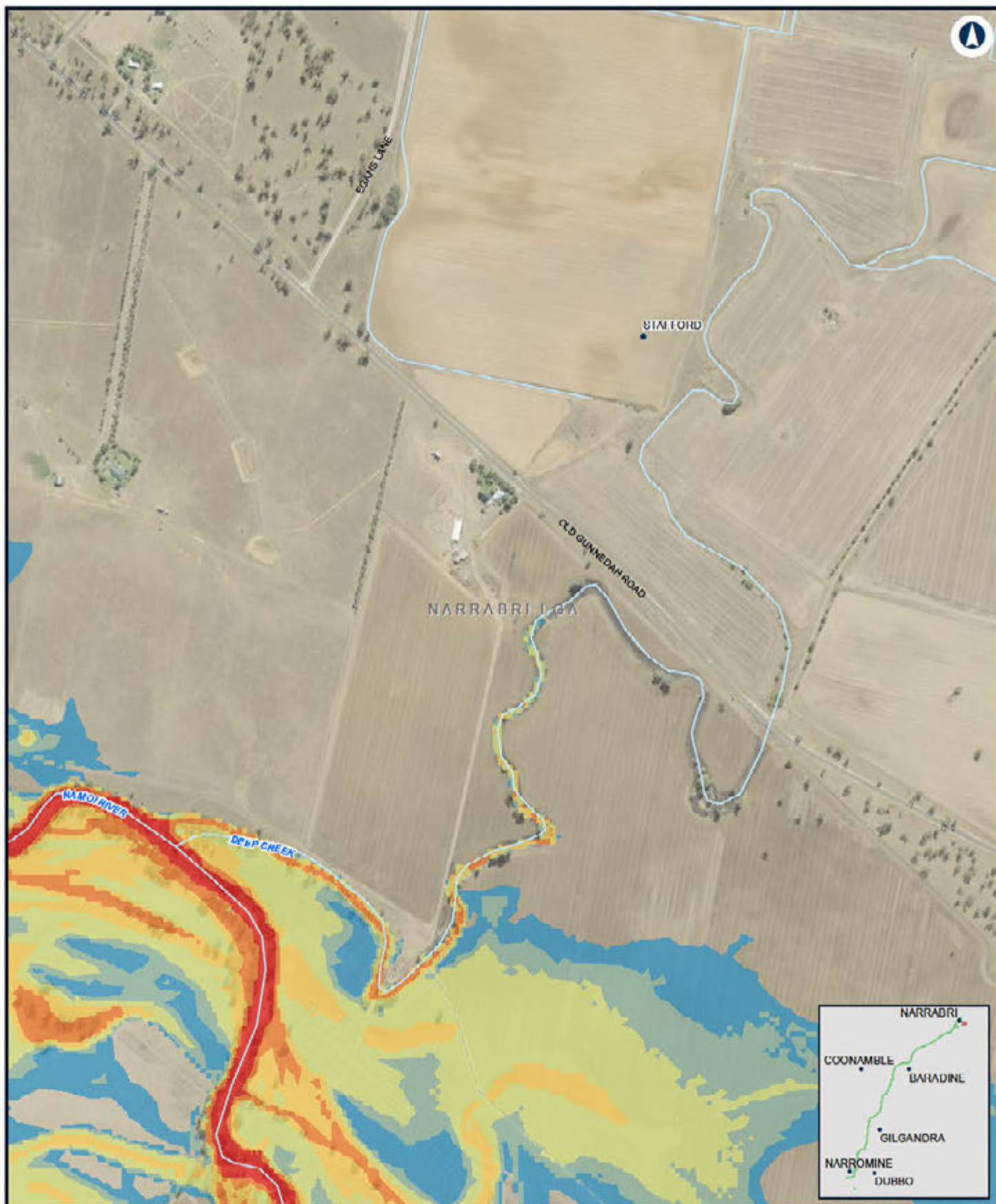
LEGEND

- 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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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.11

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

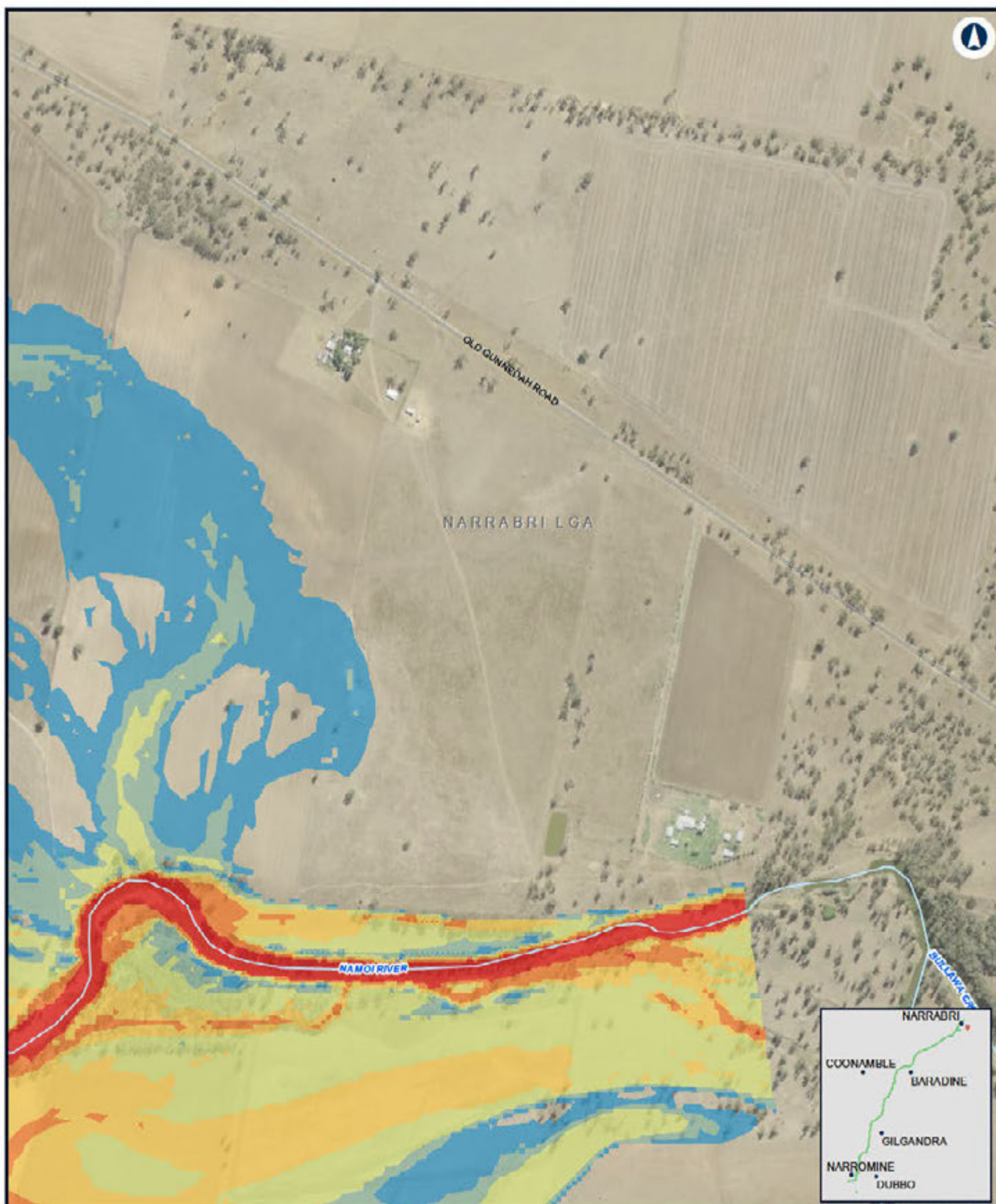
LEGEND

- 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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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.12

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

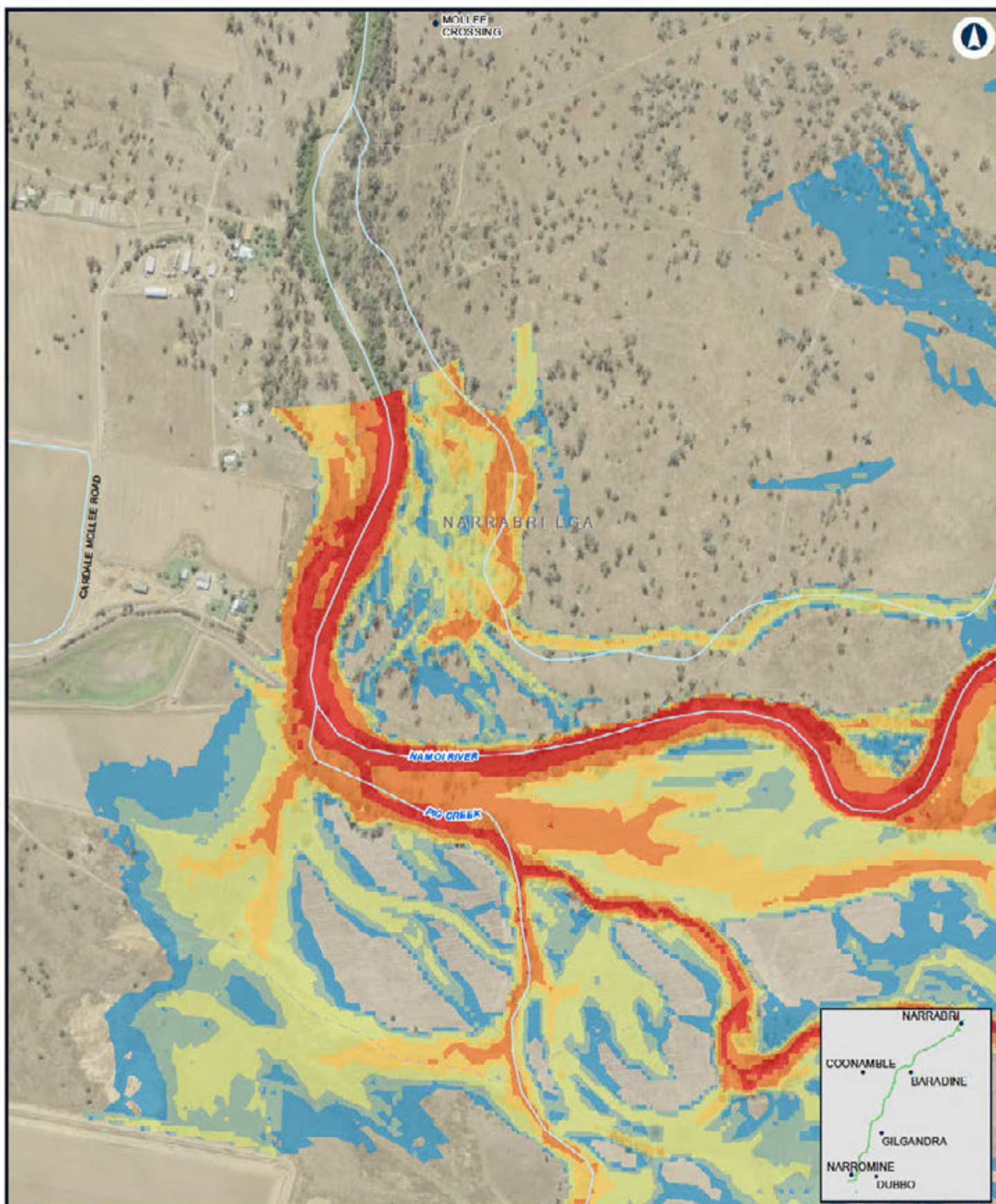
LEGEND

- 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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NARRABRI TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.13

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

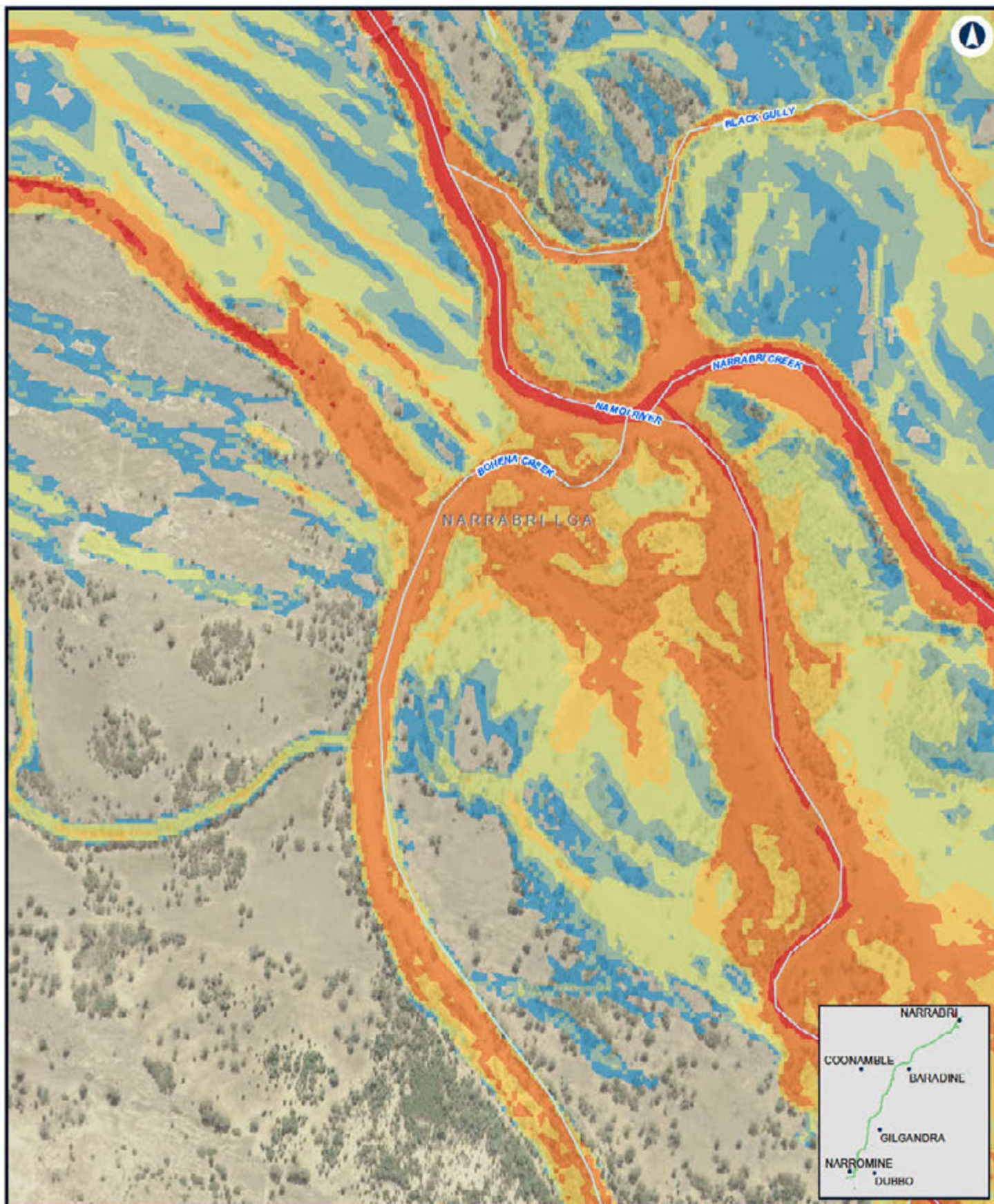
LEGEND

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.14

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

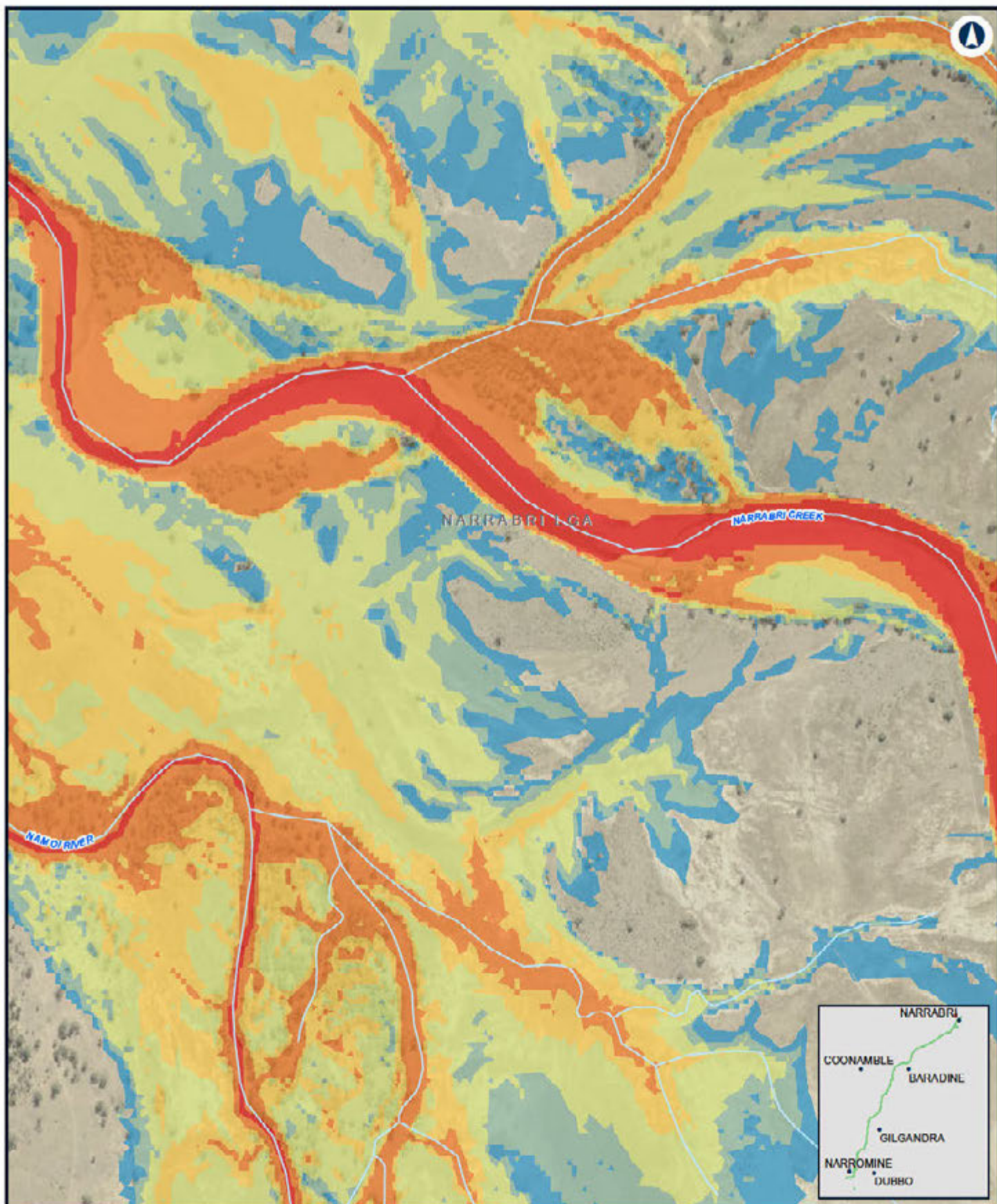
LEGEND

- 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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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.15

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

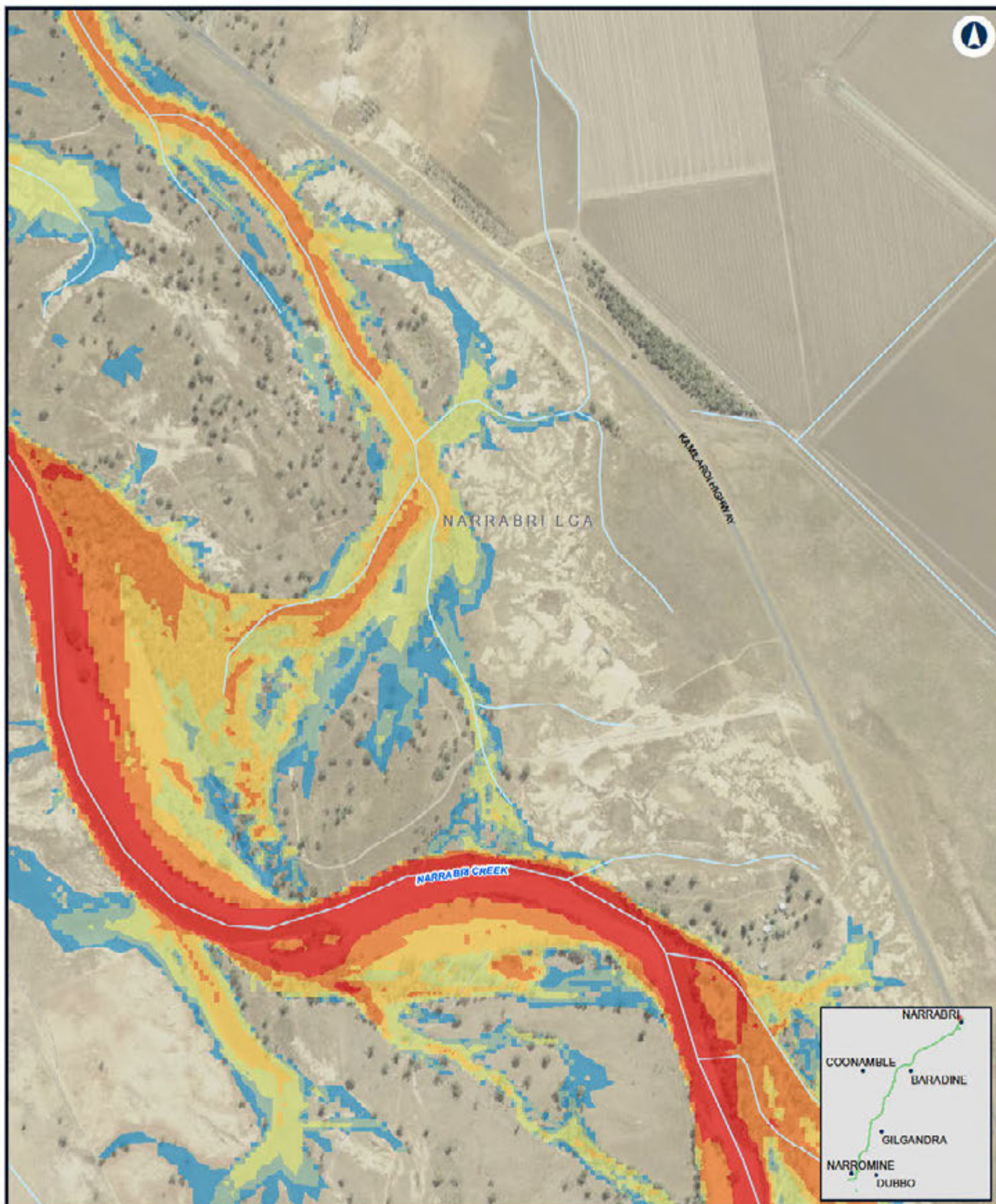
LEGEND

- 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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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.16

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

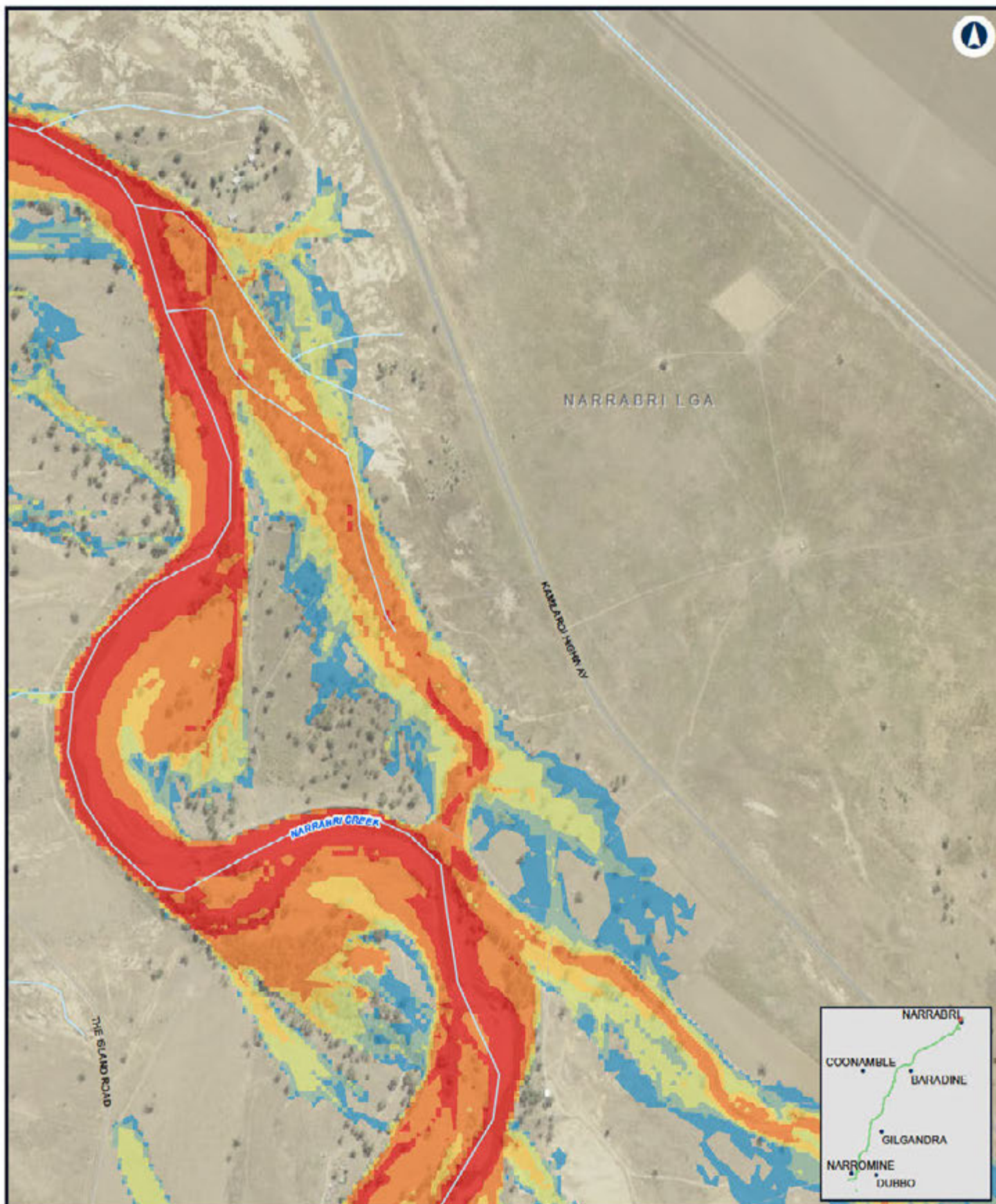
LEGEND

- 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
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NARRABRI TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.17

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

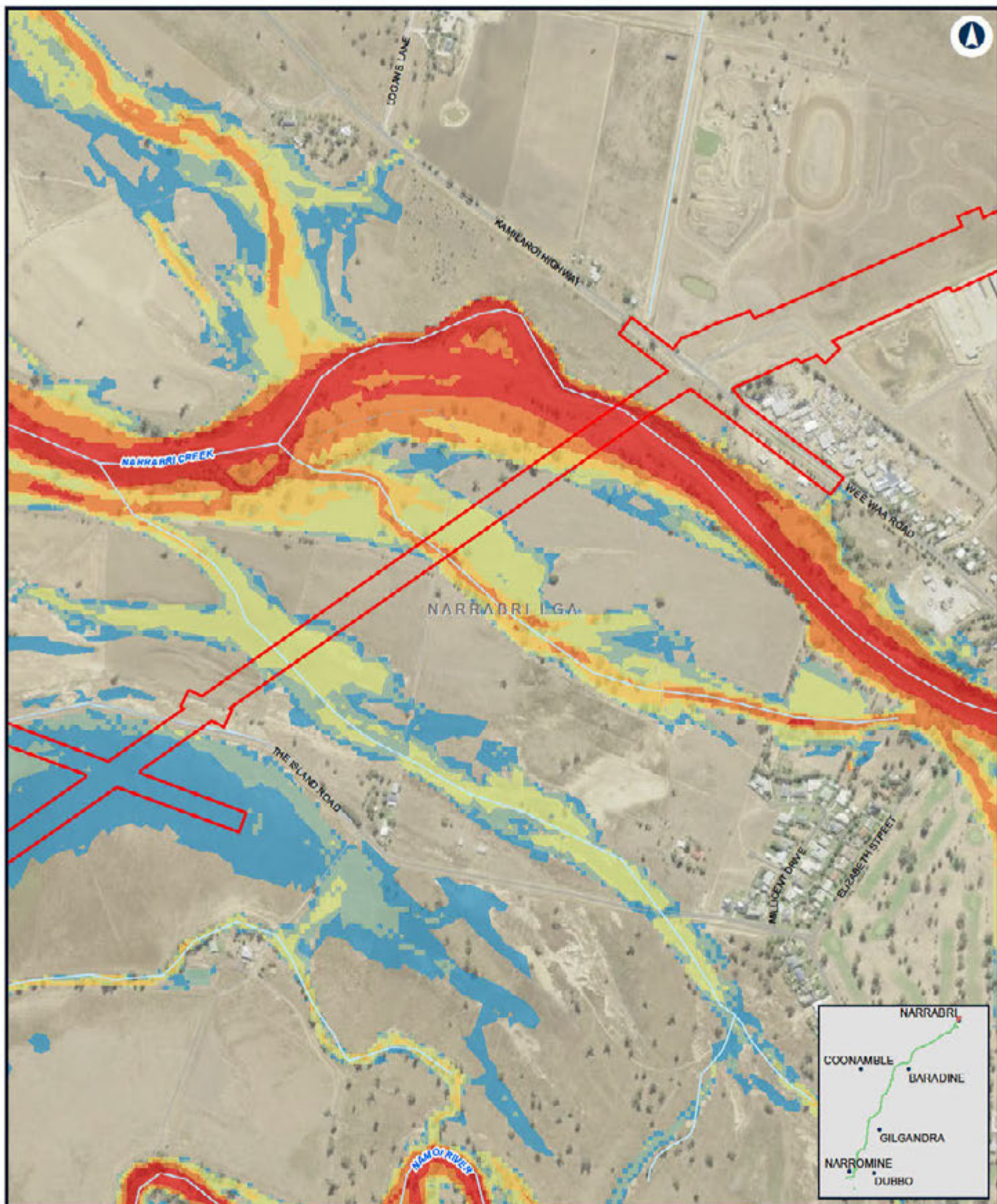
LEGEND

- 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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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.18

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

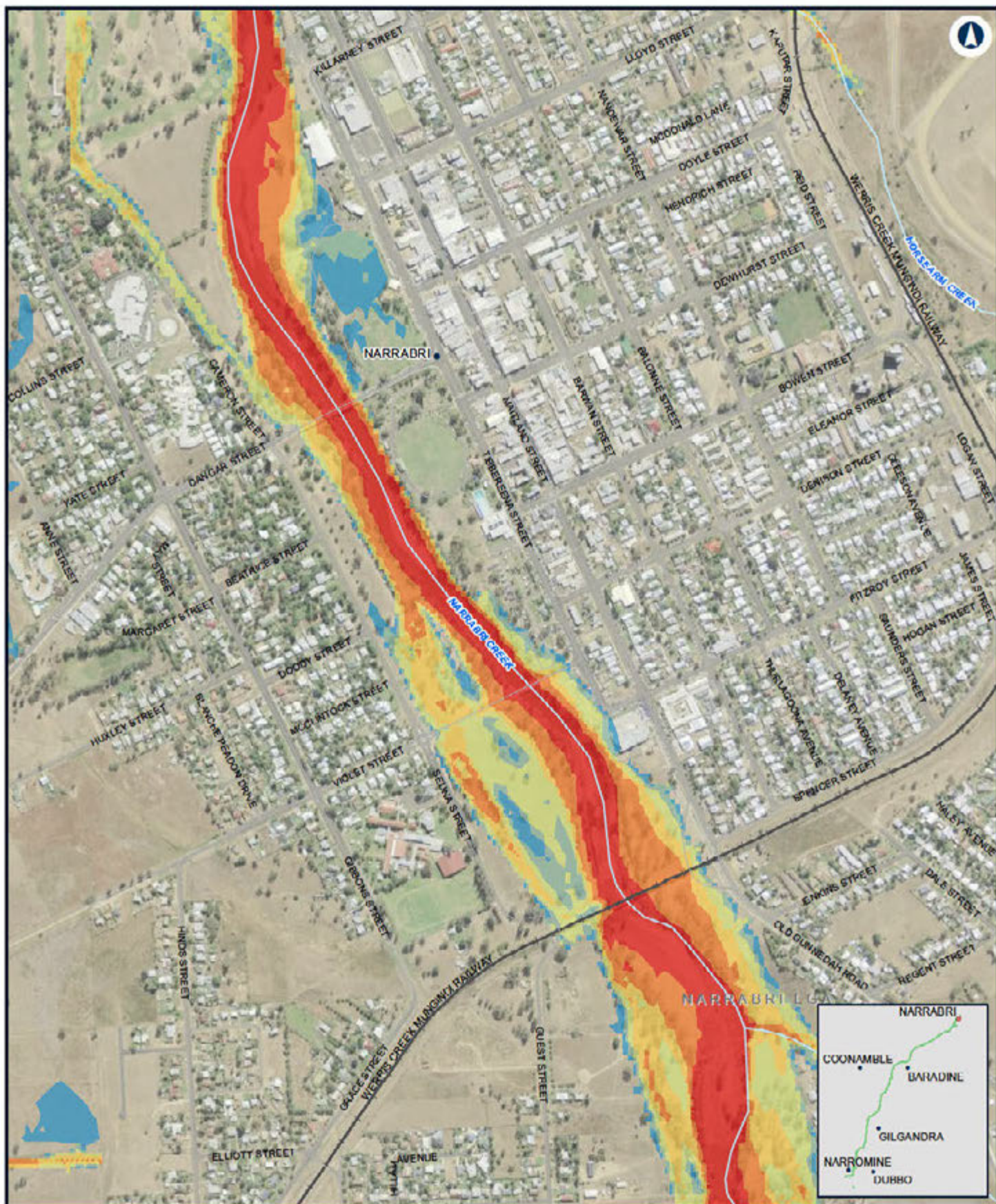
LEGEND

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.19

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.20

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

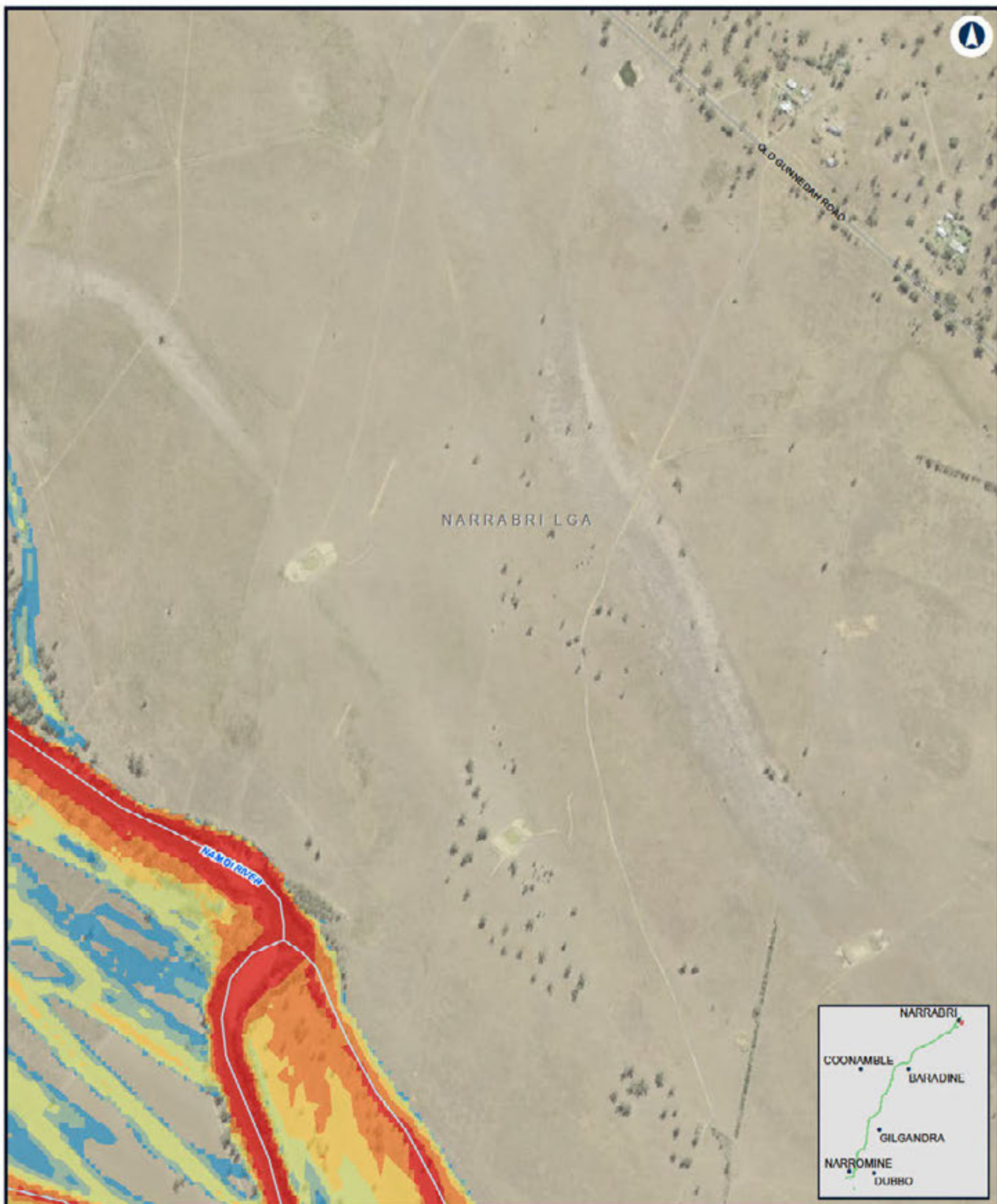
LEGEND

- 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
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.21

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56
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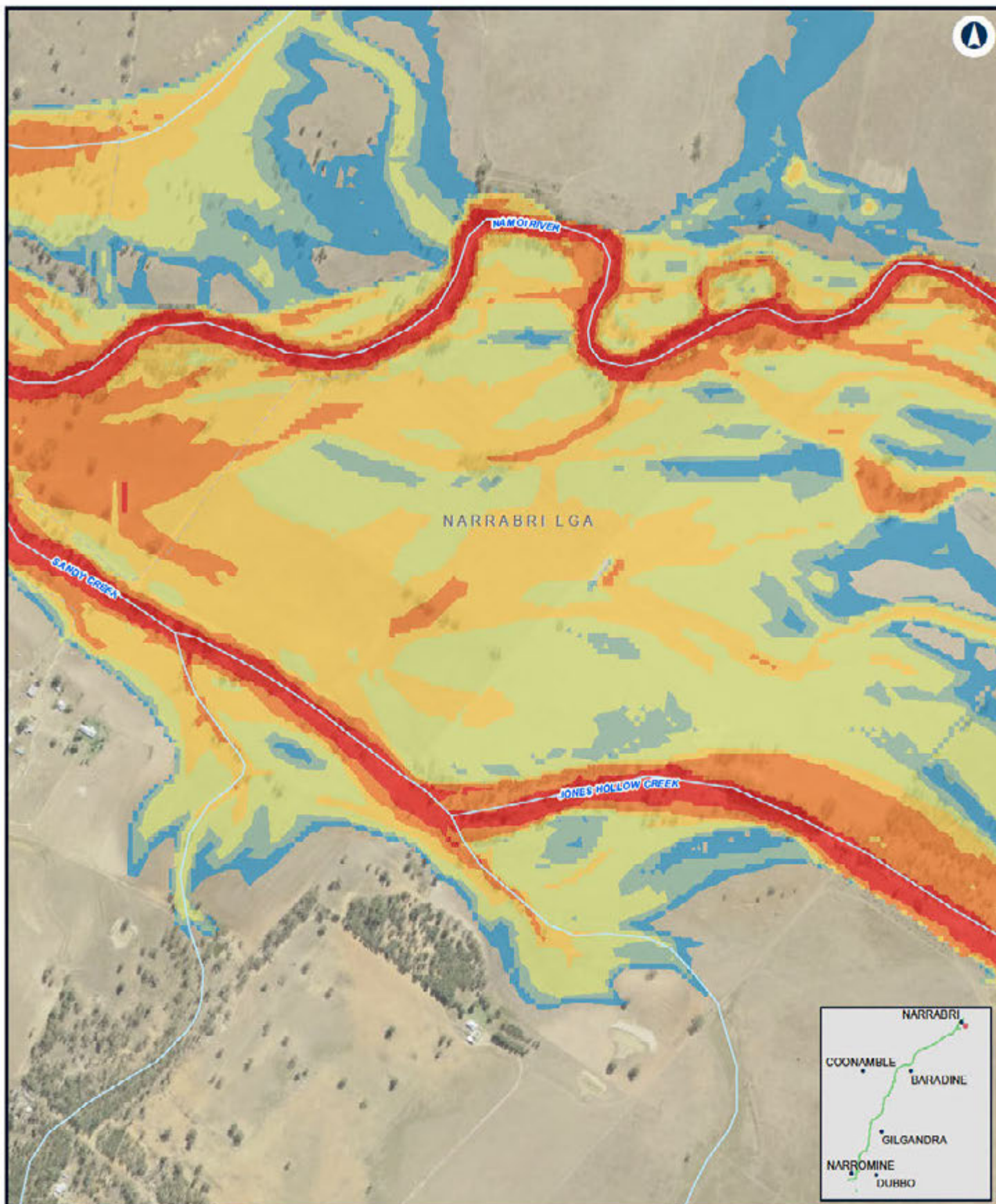
Date: 15/03/2022 Paper: A4
Author: JacobsGHD Scale: 1:7,163,937
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.22

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

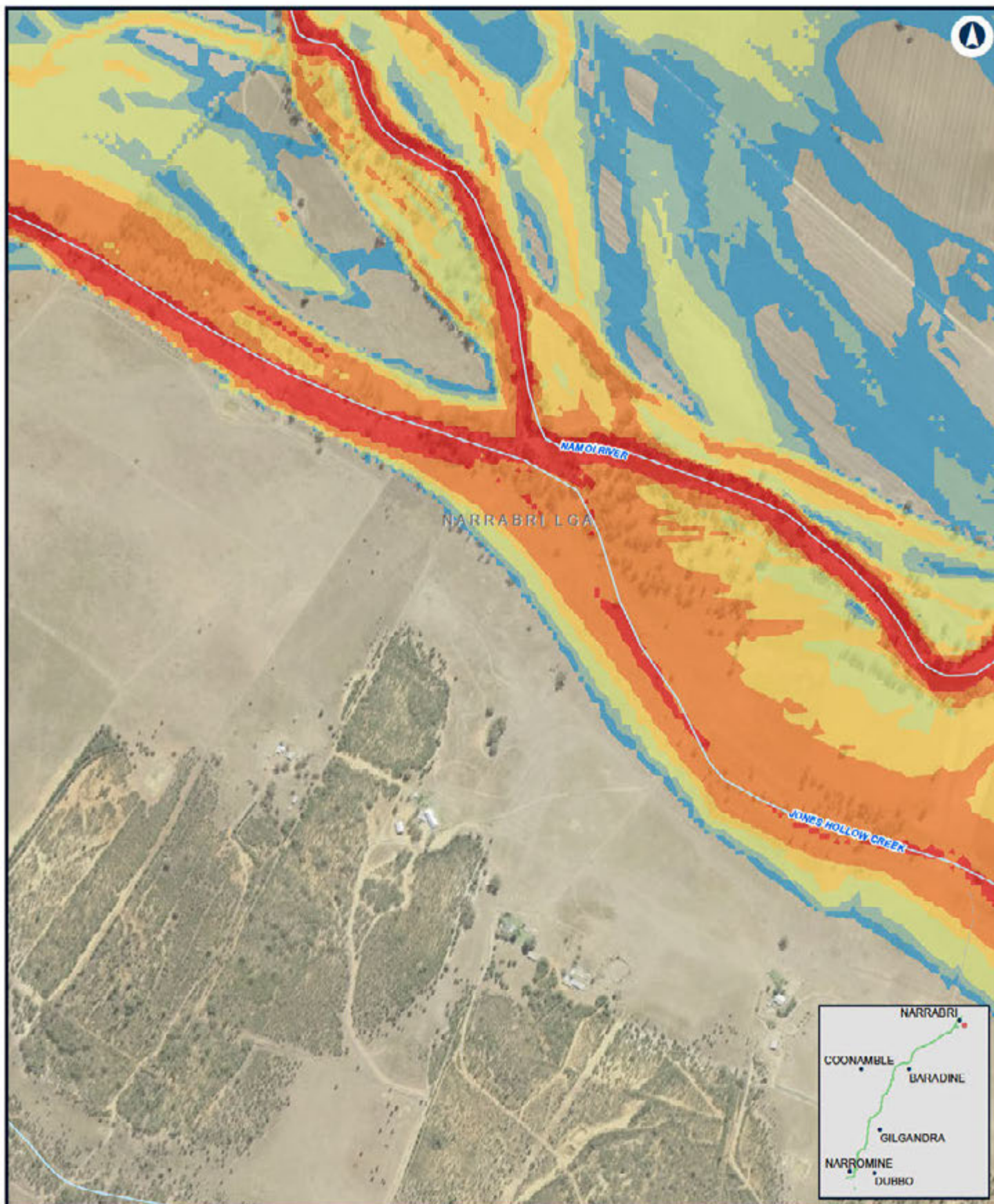
LEGEND

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.23

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

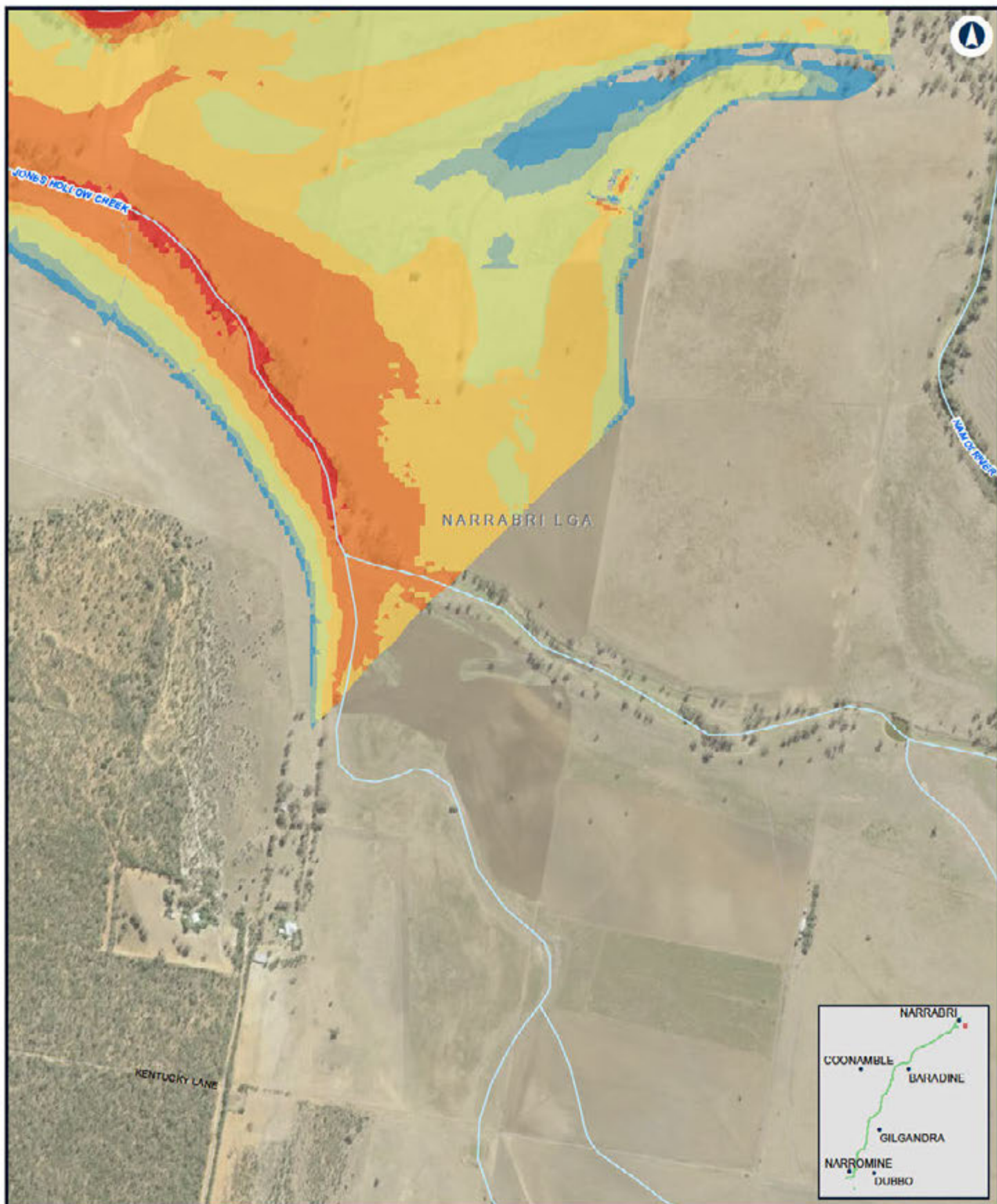
LEGEND

- 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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.24

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

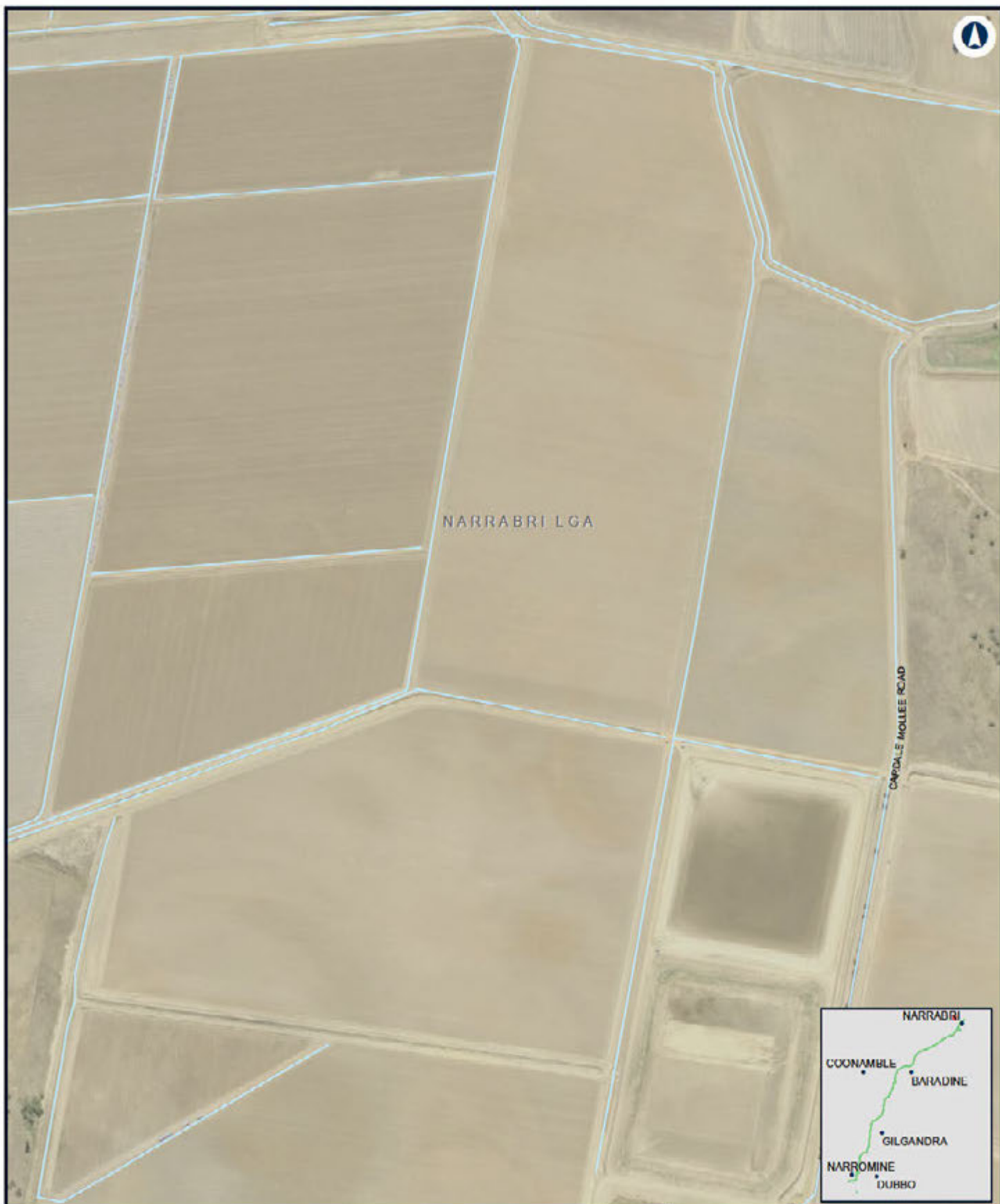
LEGEND

- Generally safe for vehicles, people and buildings
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- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.25

0 0.1 0.2
Km

LEGEND

Coordinate System: GDA 1994 MGA Zone 56

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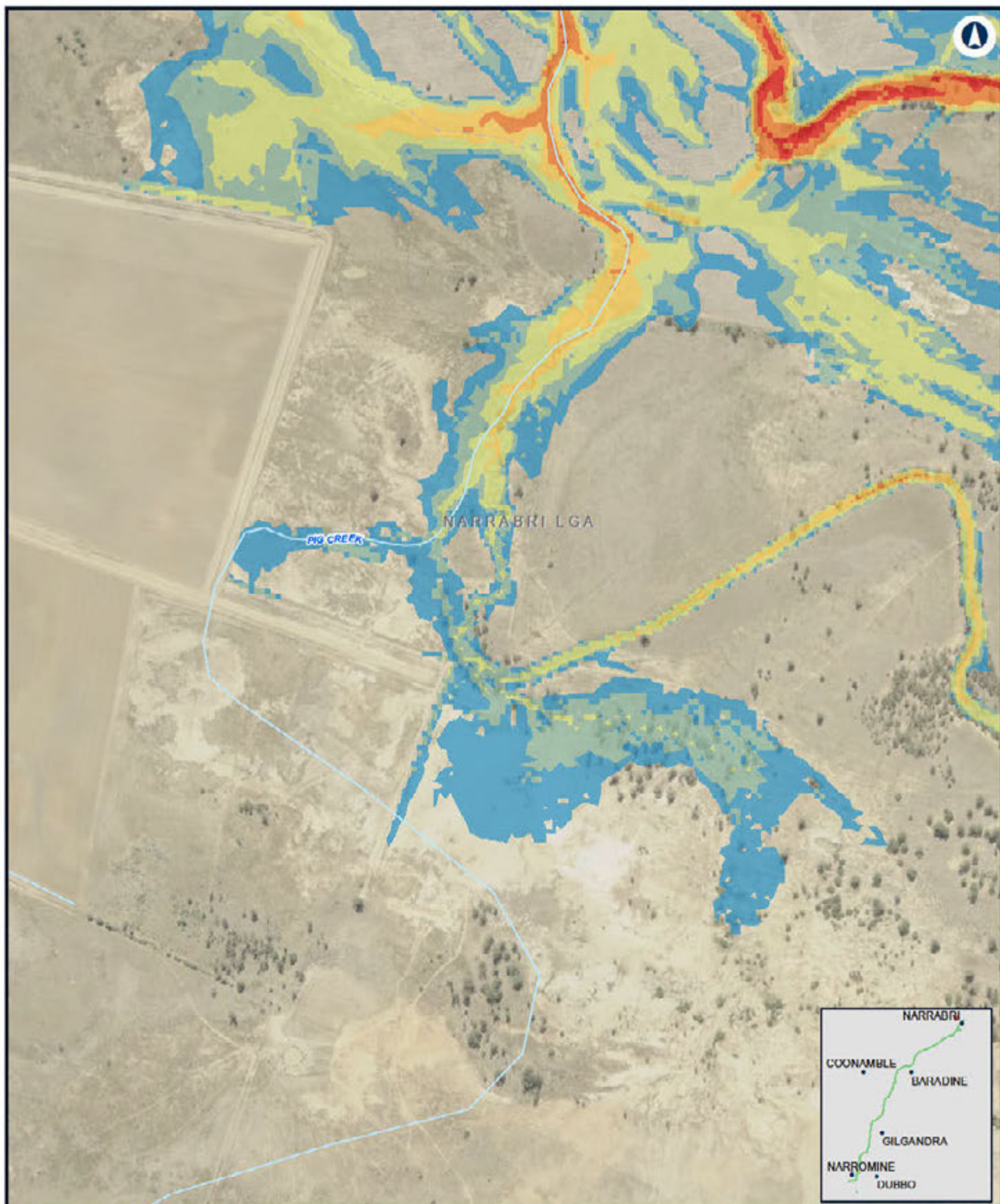
Author: JacobsGHD

Scale: 1:7,163,937

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

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NARRABRI TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.26

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

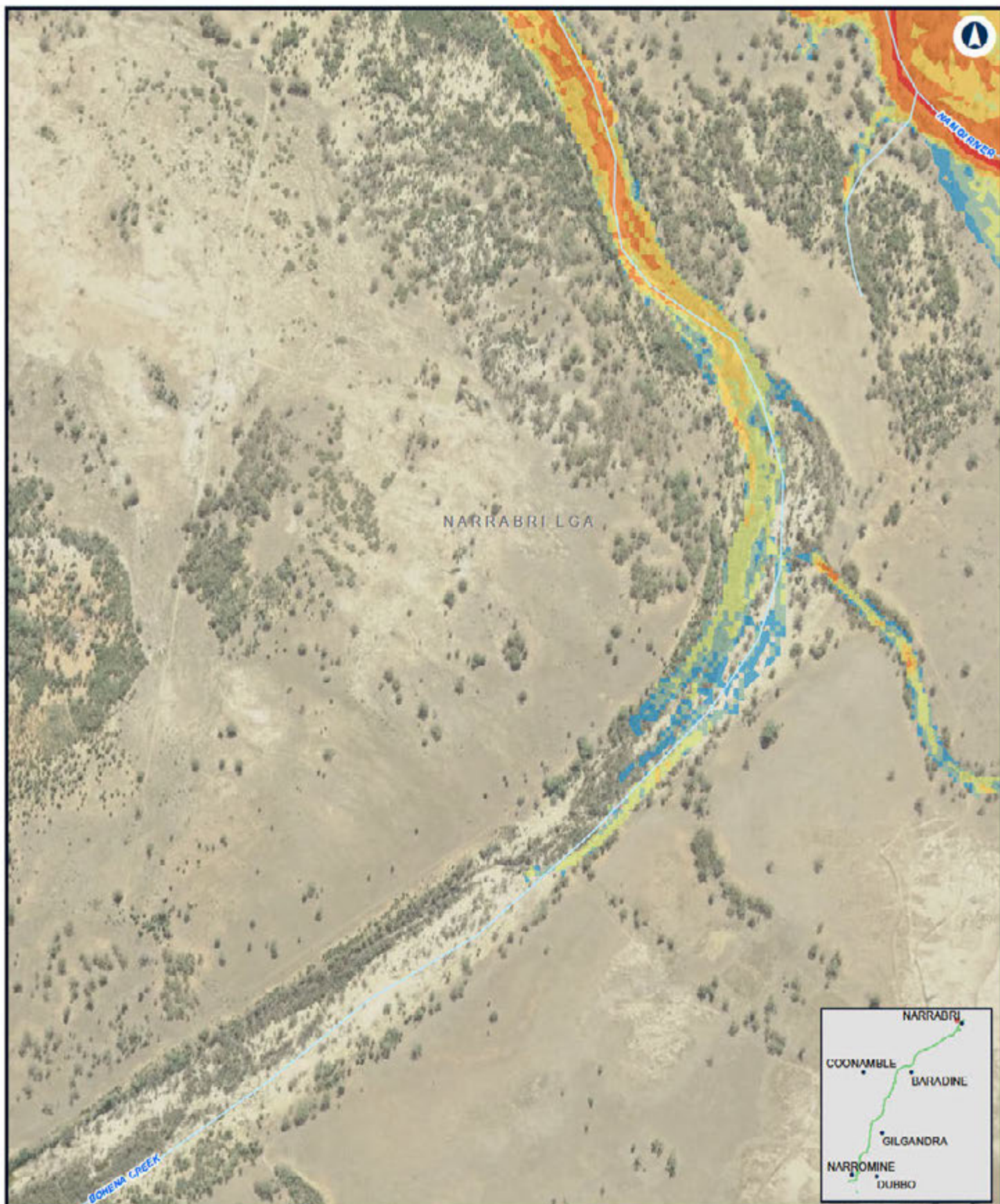
LEGEND

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

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.27

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Page: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

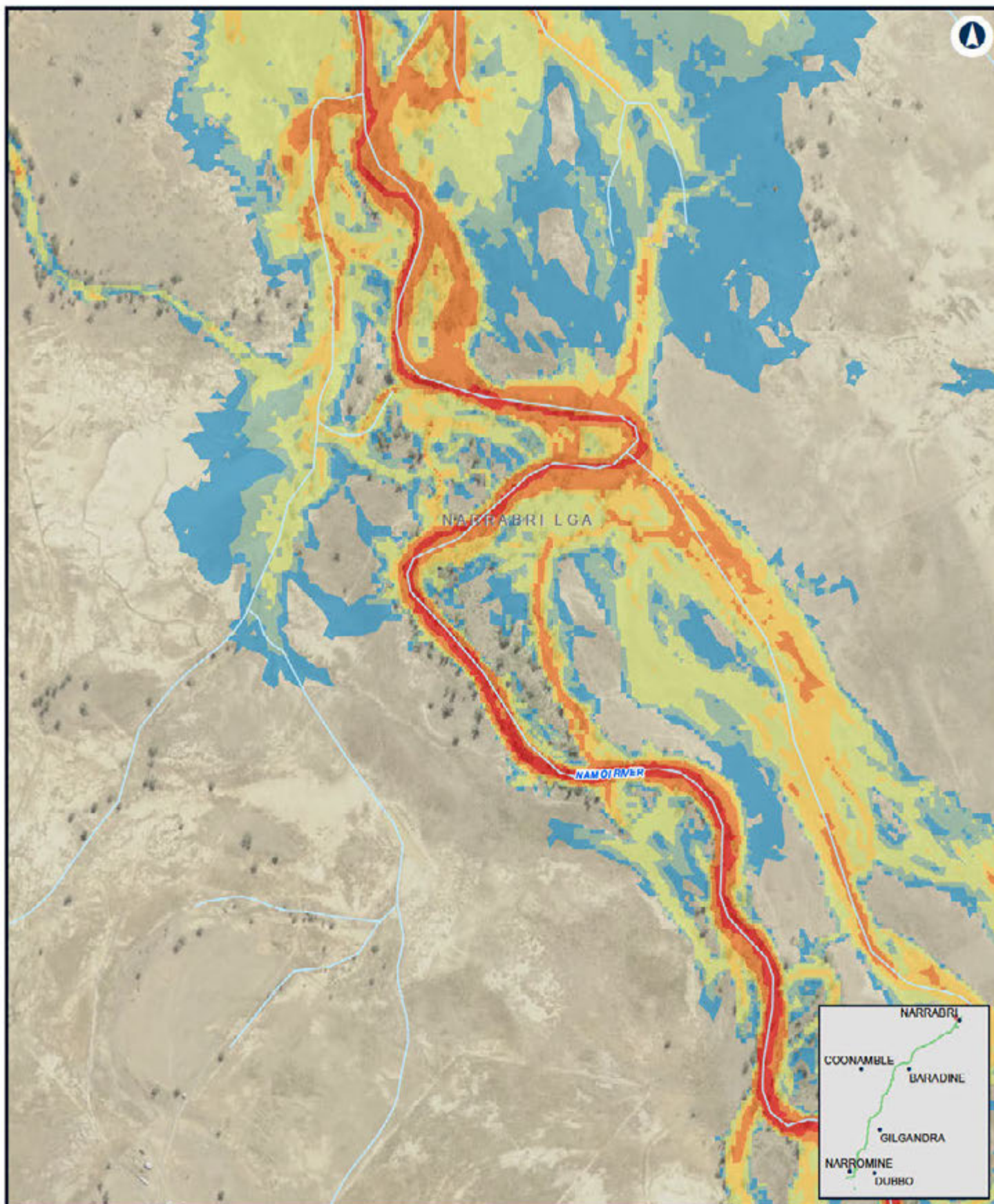
LEGEND

- 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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NARRABRI TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.28

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

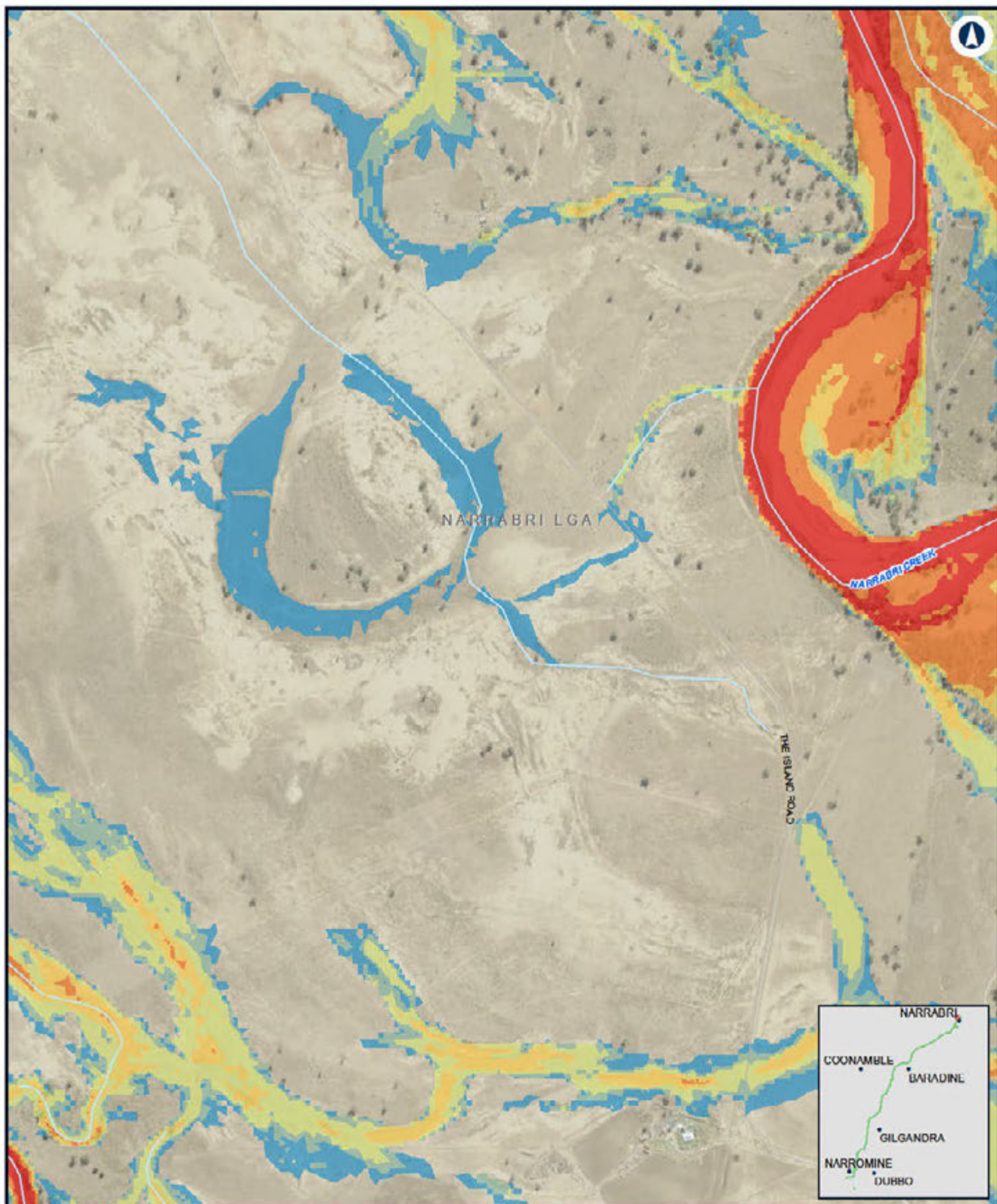
LEGEND

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

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.29

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

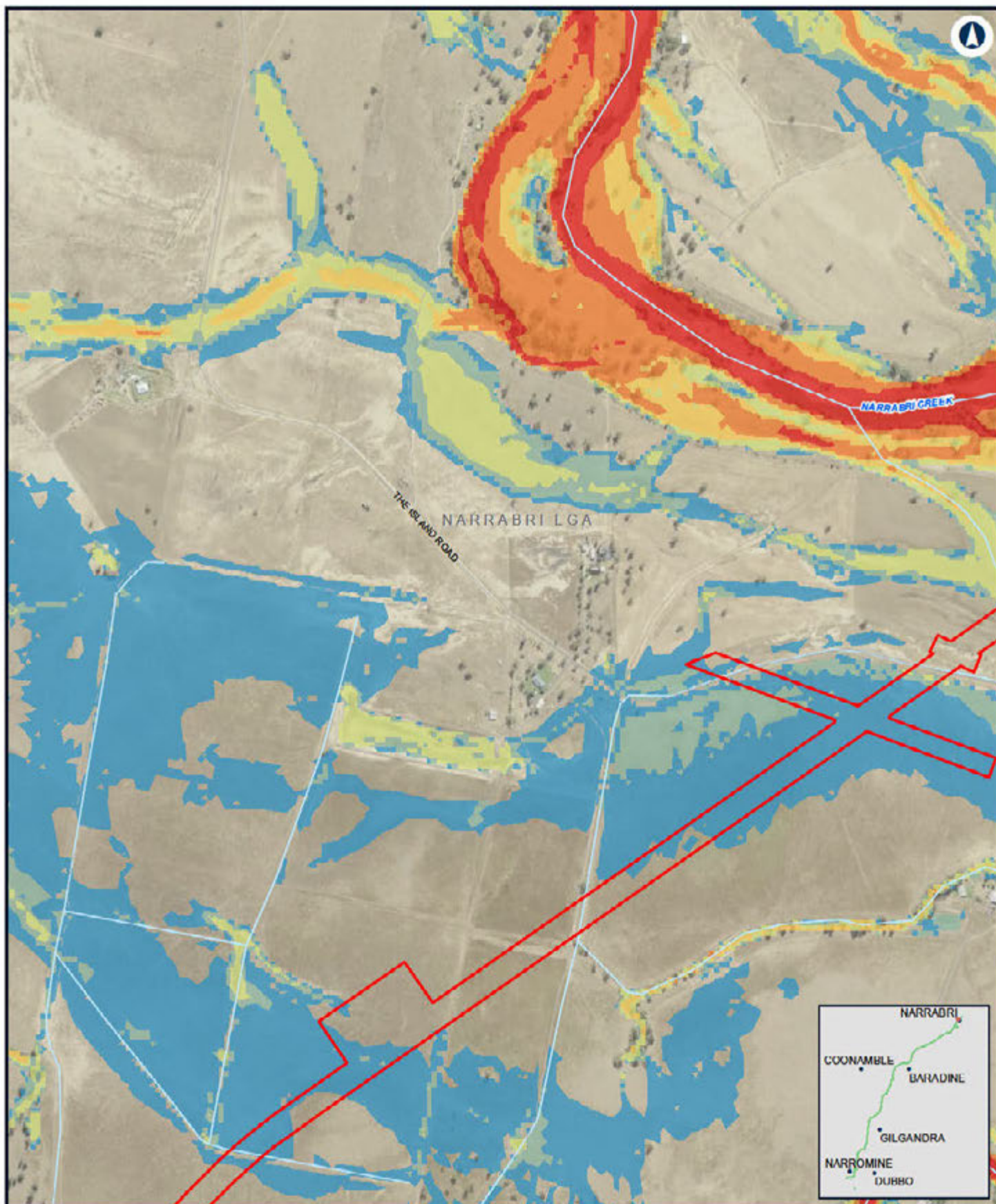
LEGEND

- 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
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.30

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

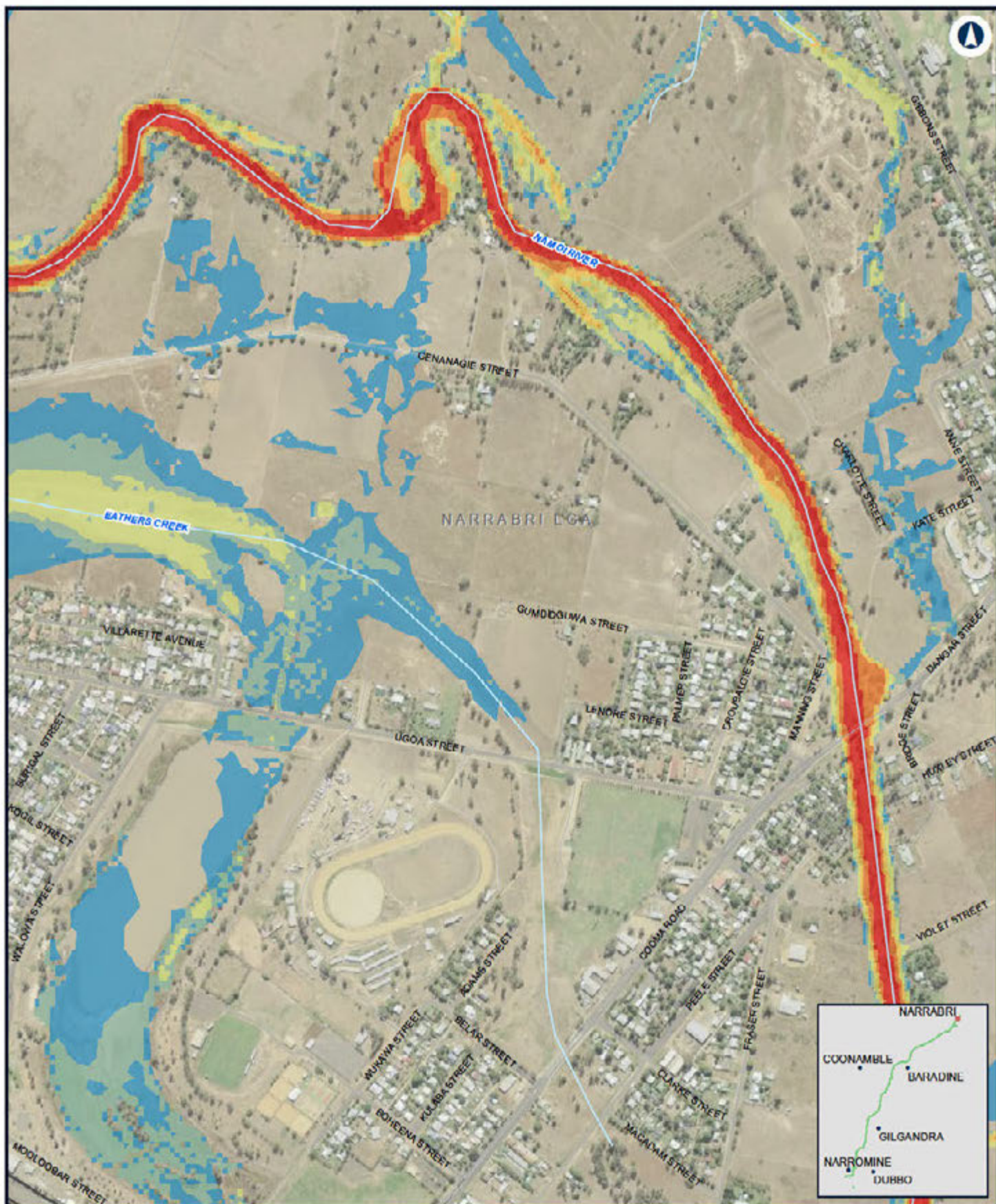
LEGEND

- 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
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A Figure 1.16.31

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

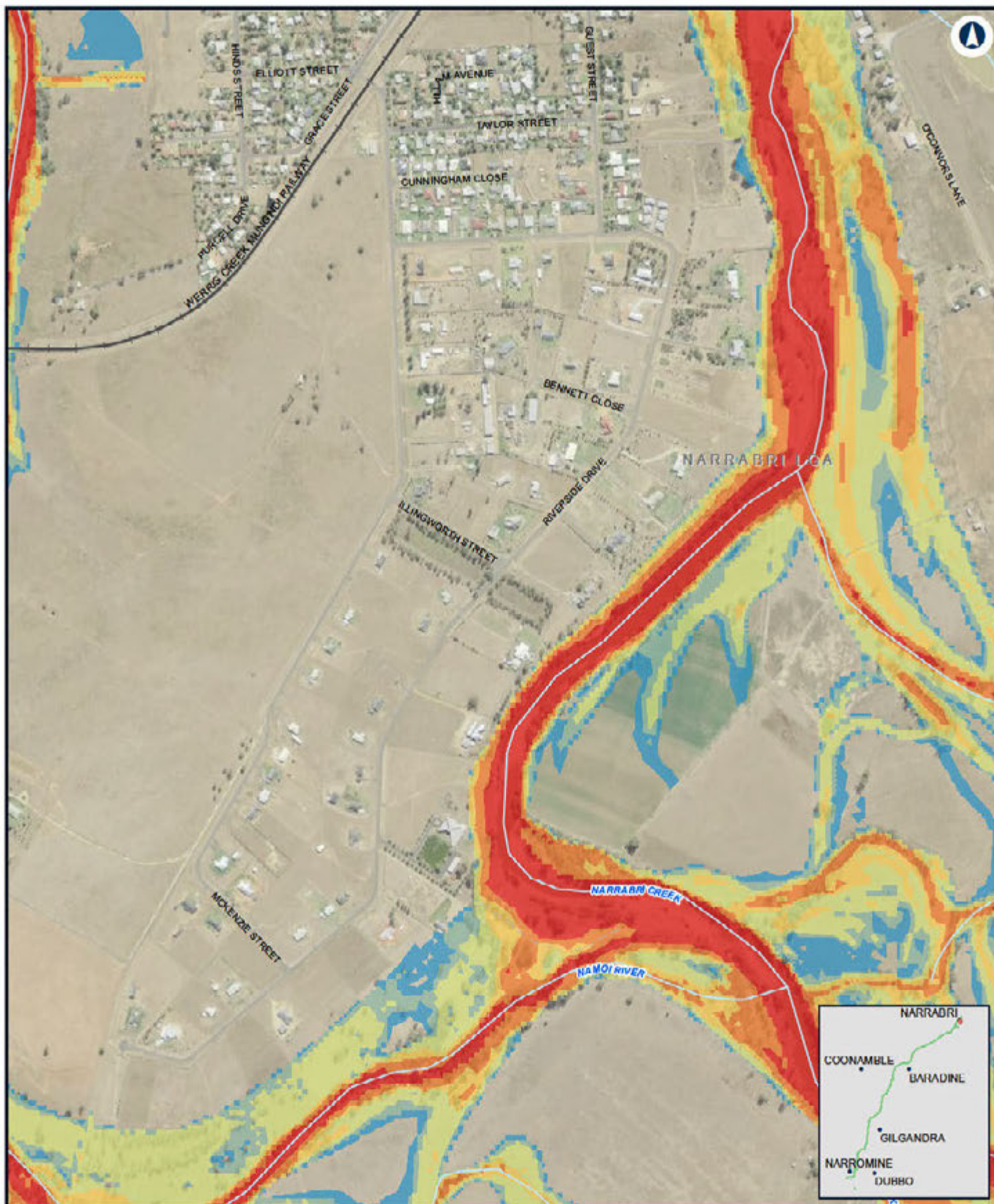
LEGEND

- Generally safe for vehicles, people and buildings
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- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A Figure 1.16.32

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

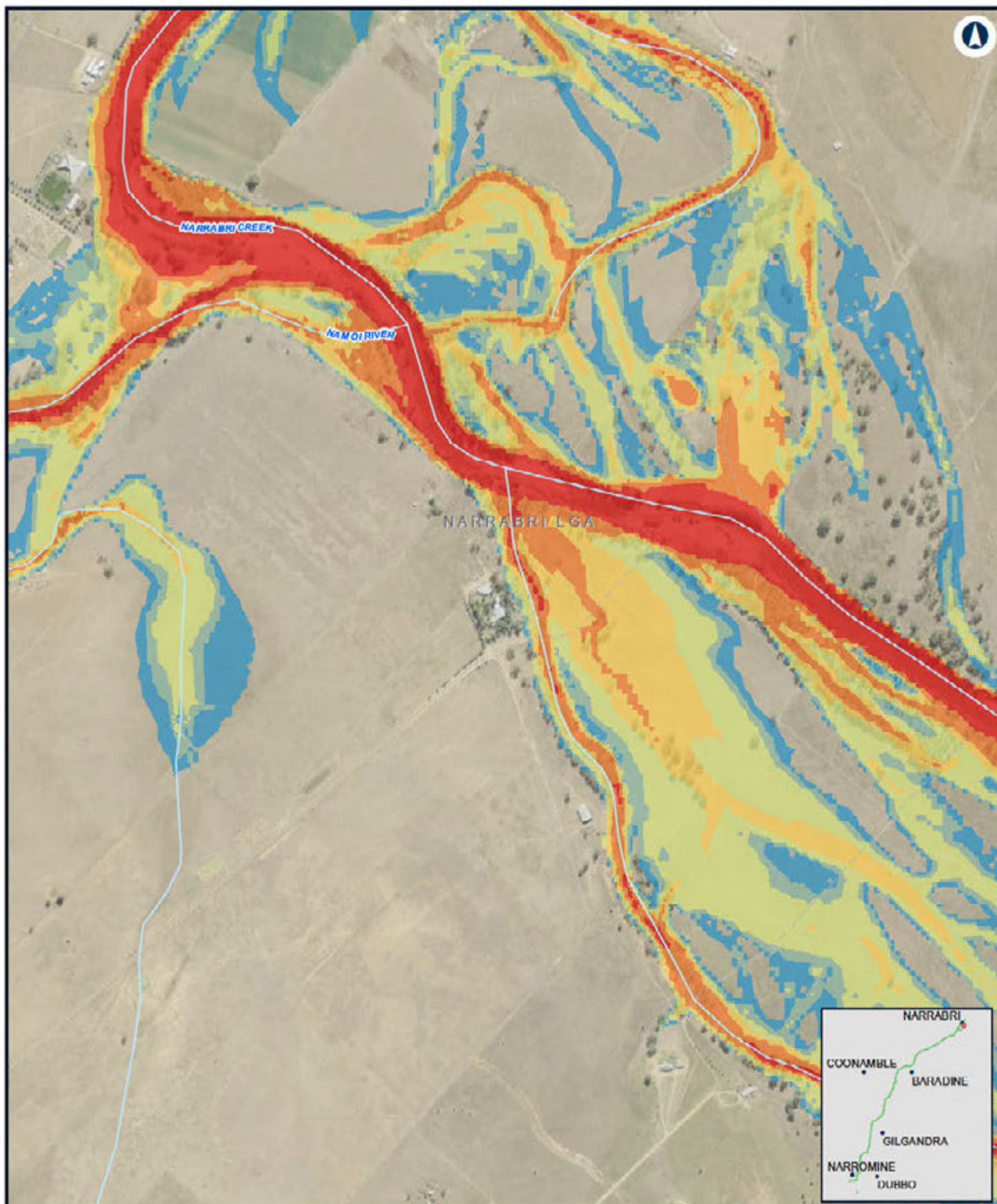
LEGEND

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

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.3.3

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:1,163,937

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

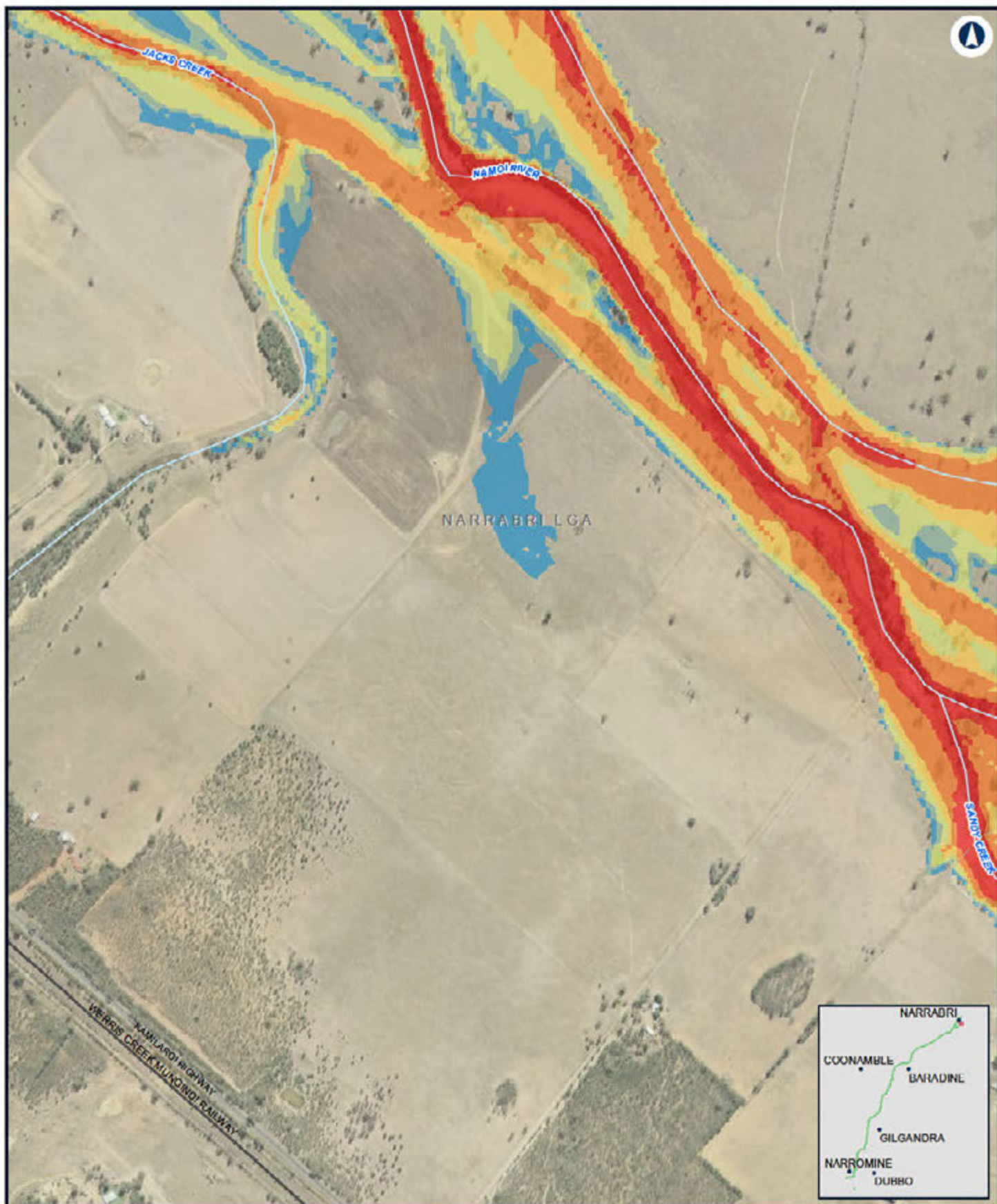
LEGEND

- 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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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 - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.34

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

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

LEGEND

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- Unsafe for small vehicles
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.3.5

0 0.1 0.2
Km

LEGEND

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Author: JacobsGHD

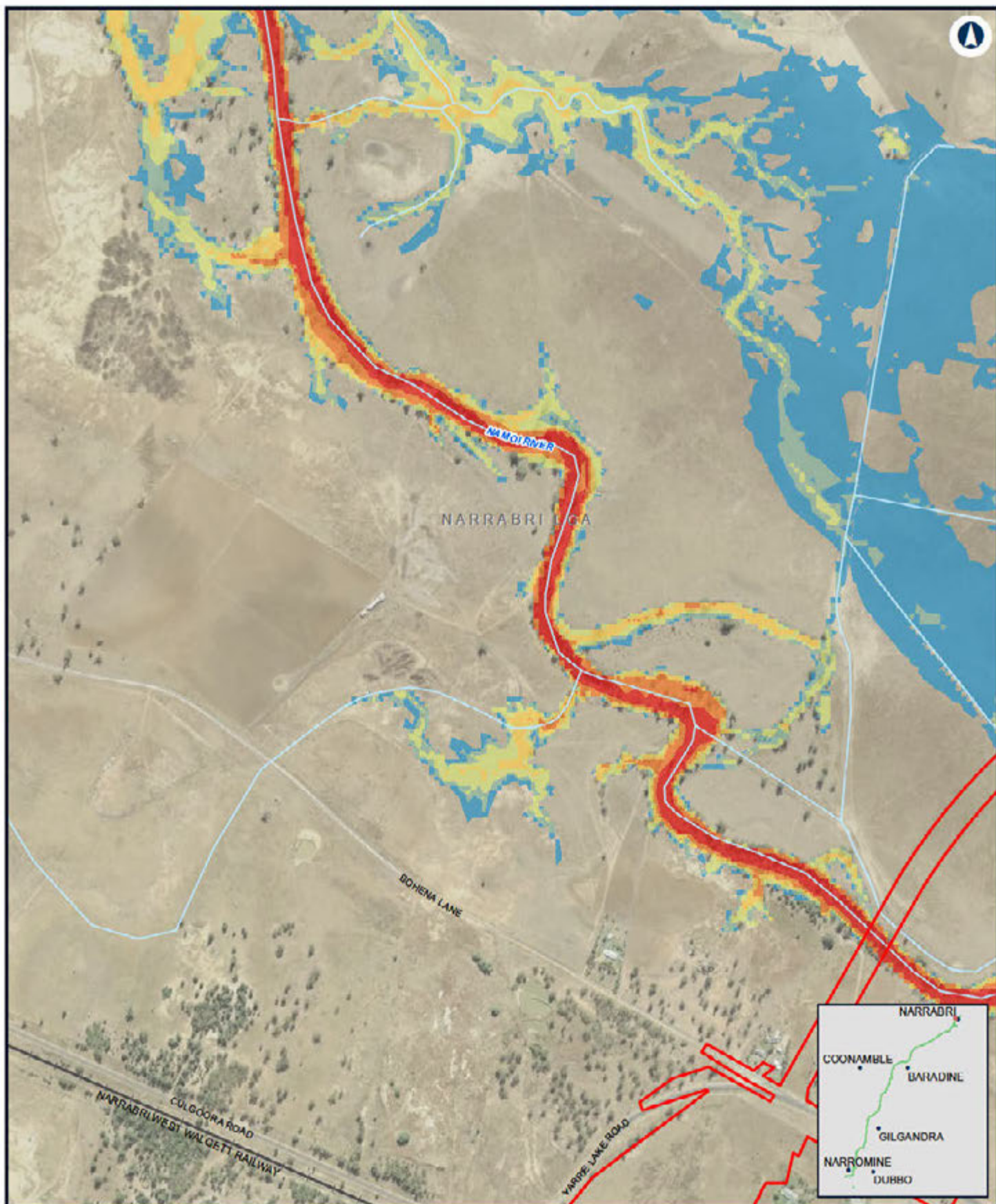
Scale: 1:7,163,937

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

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.36

0 0.1 0.2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

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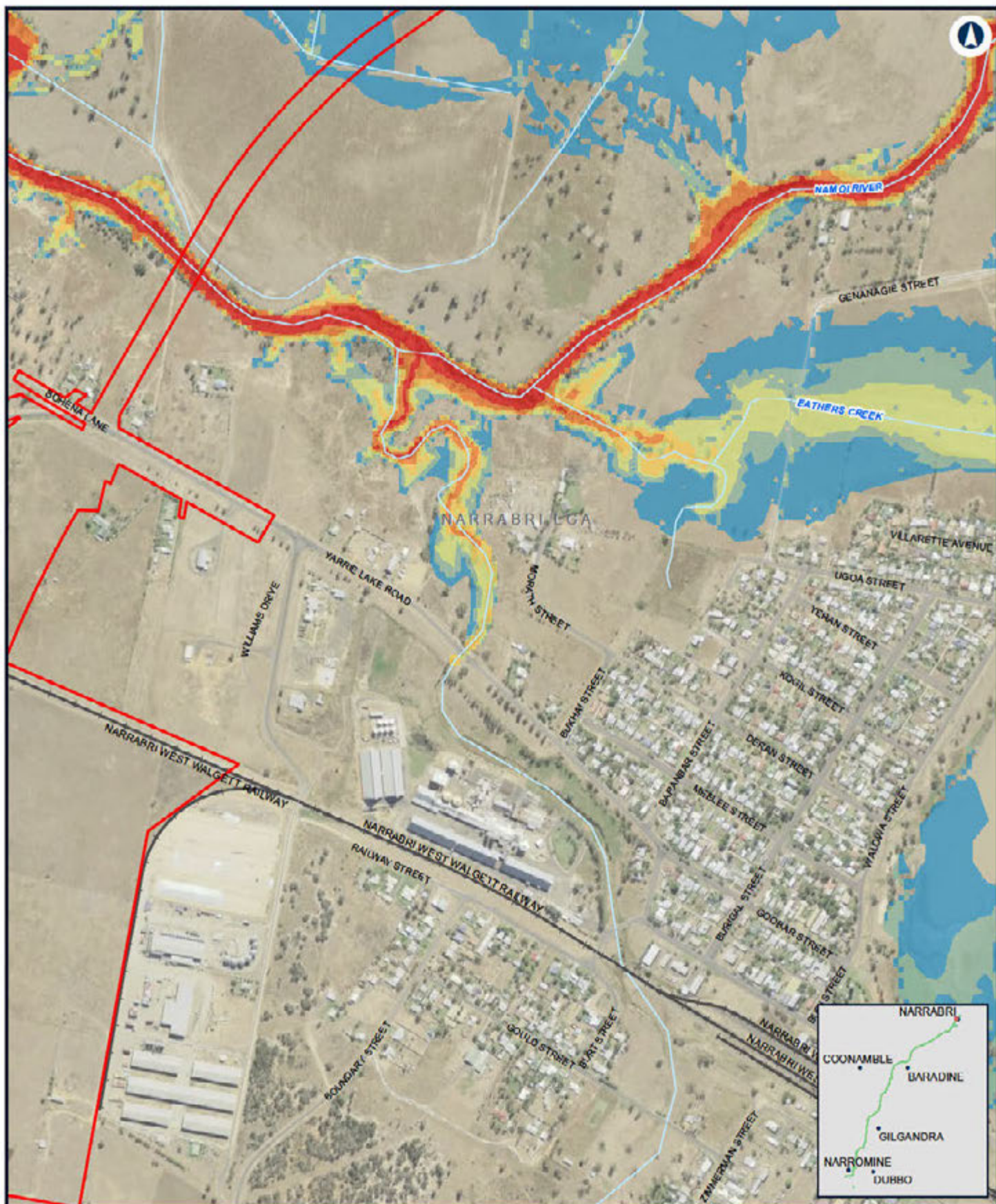
LEGEND

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

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.37

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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Author: JacobsGHD

Scale: 1:7,163,937

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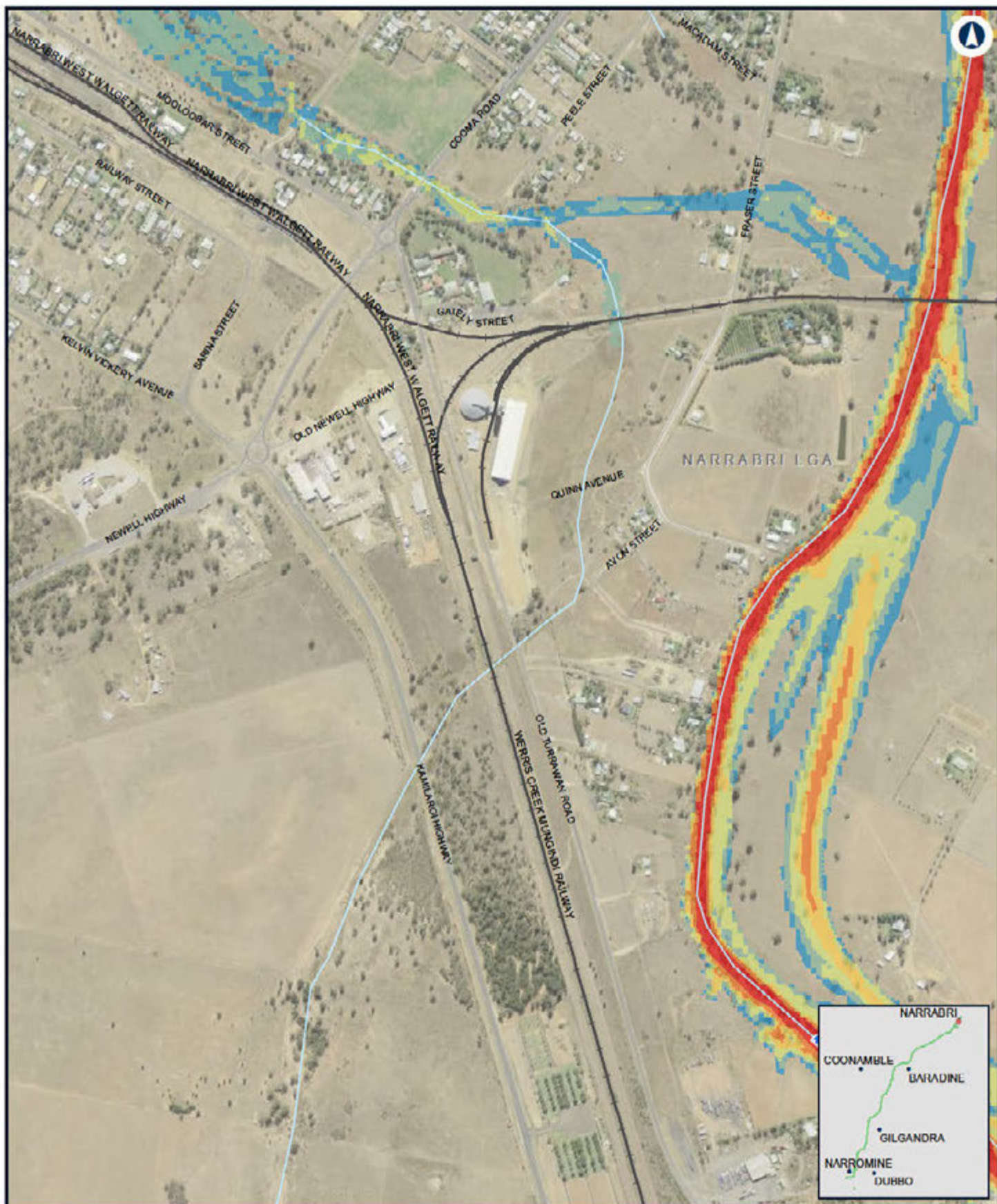
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.38

0 0.1 0.2
Km

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Date: 15/03/2022

Paper: A4

Author: JacobsGHD

Scale: 1:7,163,937

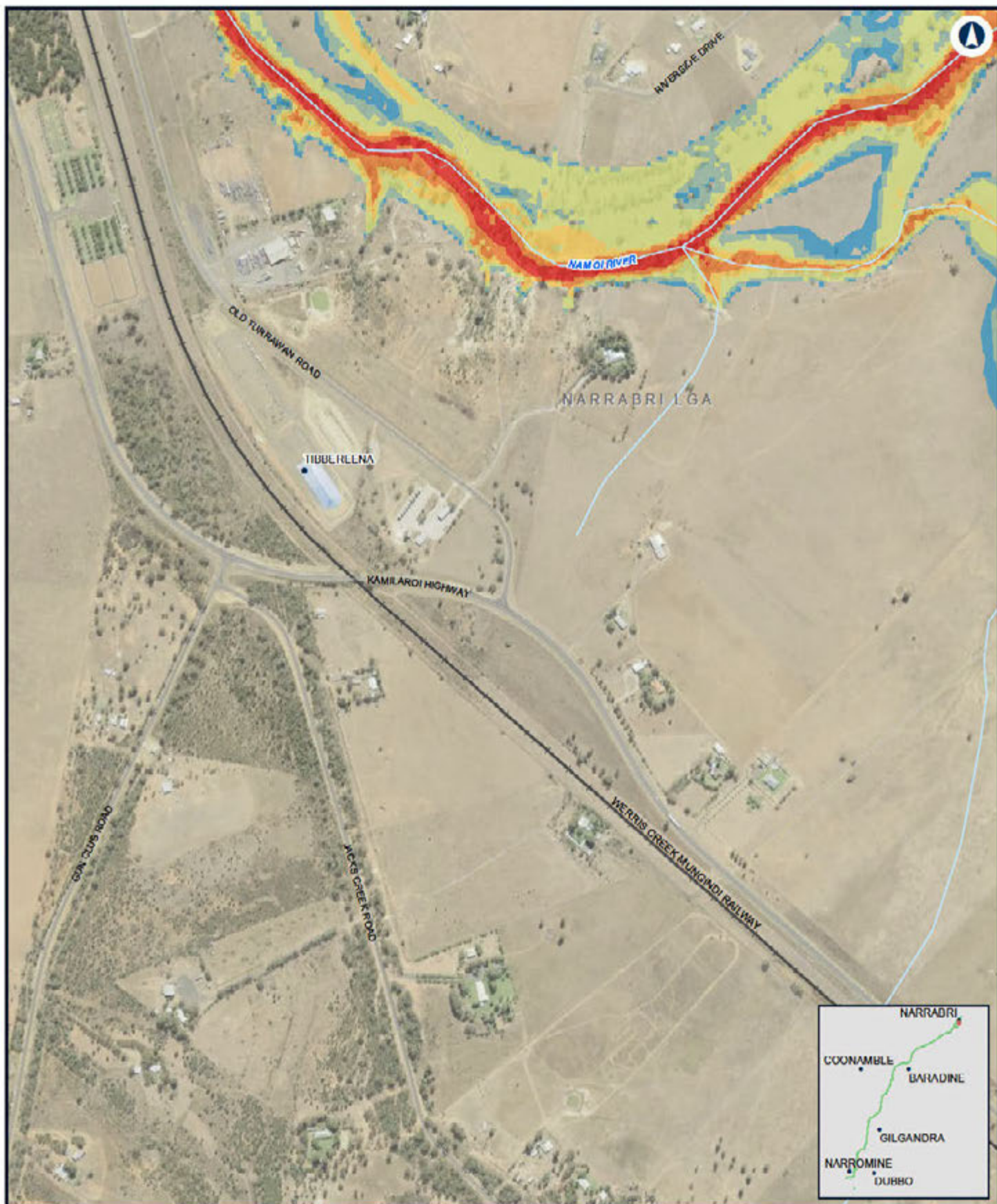
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.39

0 0.1 0.2
Km

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NARRABRI TO NARRABRI

Existing flood hazard - 20% AEP - Narrabri Regional

Appendix A - Figure 1.16.40

0 0.1 0.2
Km

Coordinate System: GDA 1994 MGA Zone 56

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