

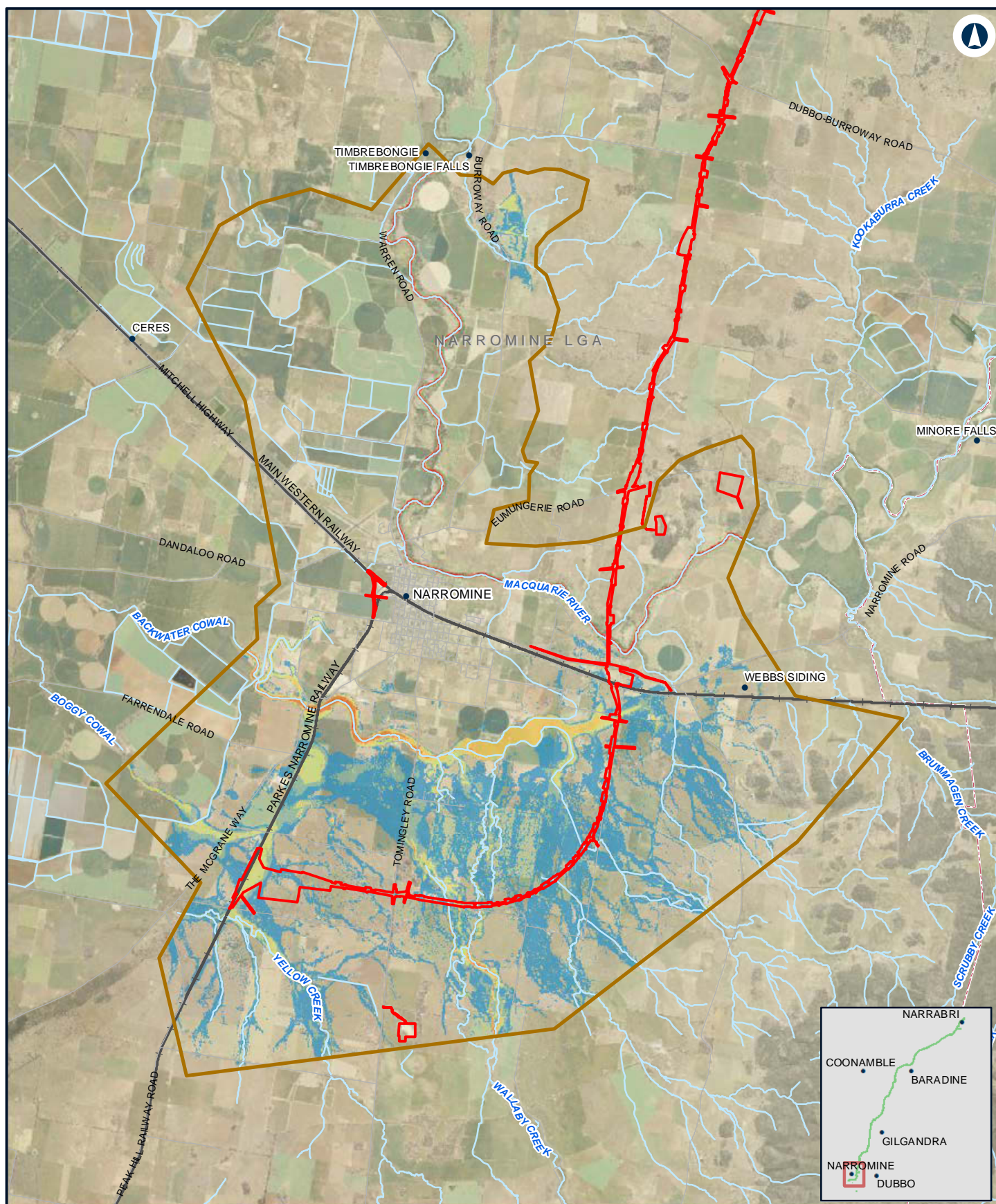
TECHNICAL REPORT 03

Updated flooding and hydrology assessment

Appendix D4 Existing maximum hazard

NARROMINE TO NARRABRI PROJECT





NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - NFM

Appendix D - Figure 4.1a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

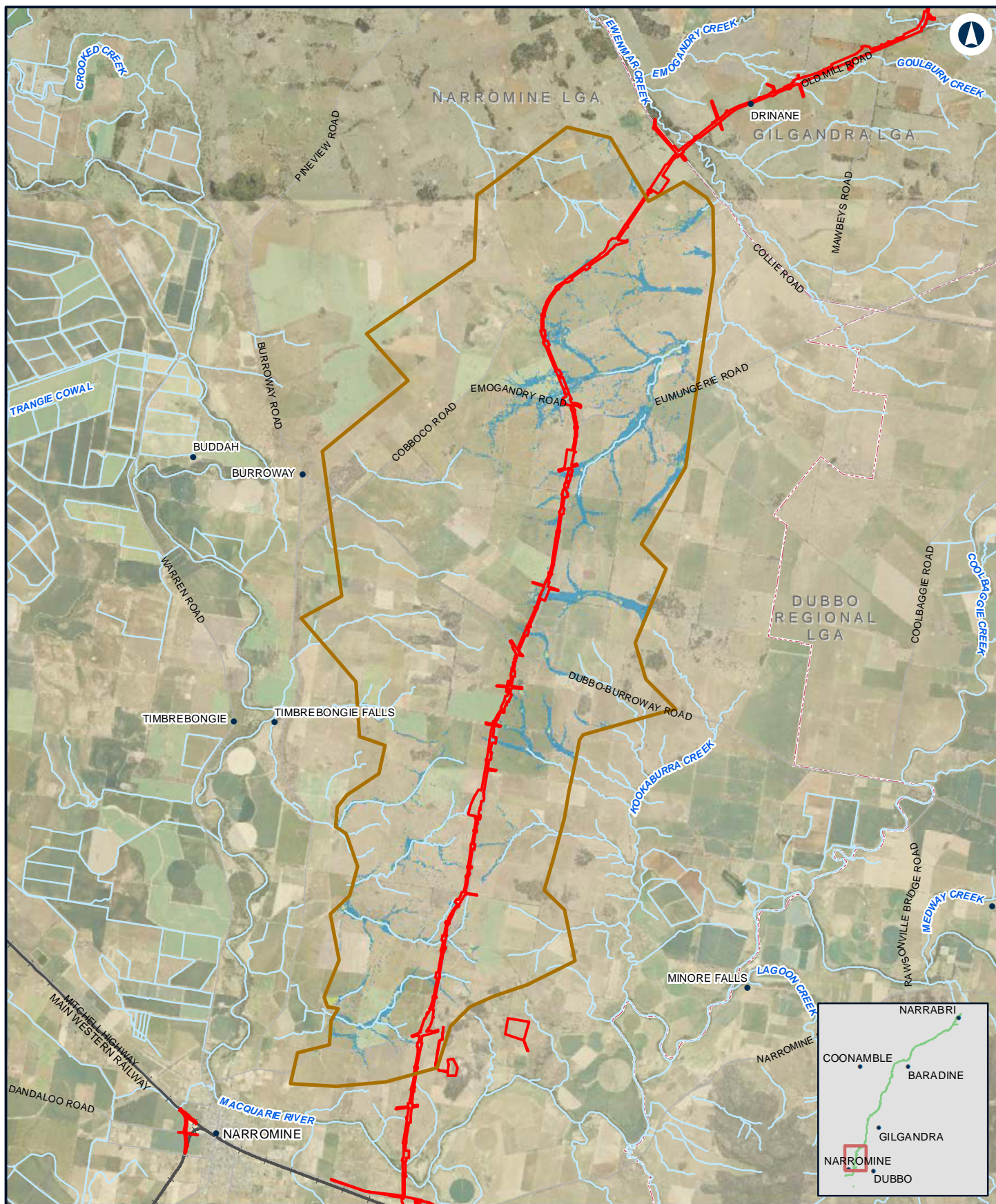
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N14

Appendix D - Figure 4.1b

0 2 4 Km

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

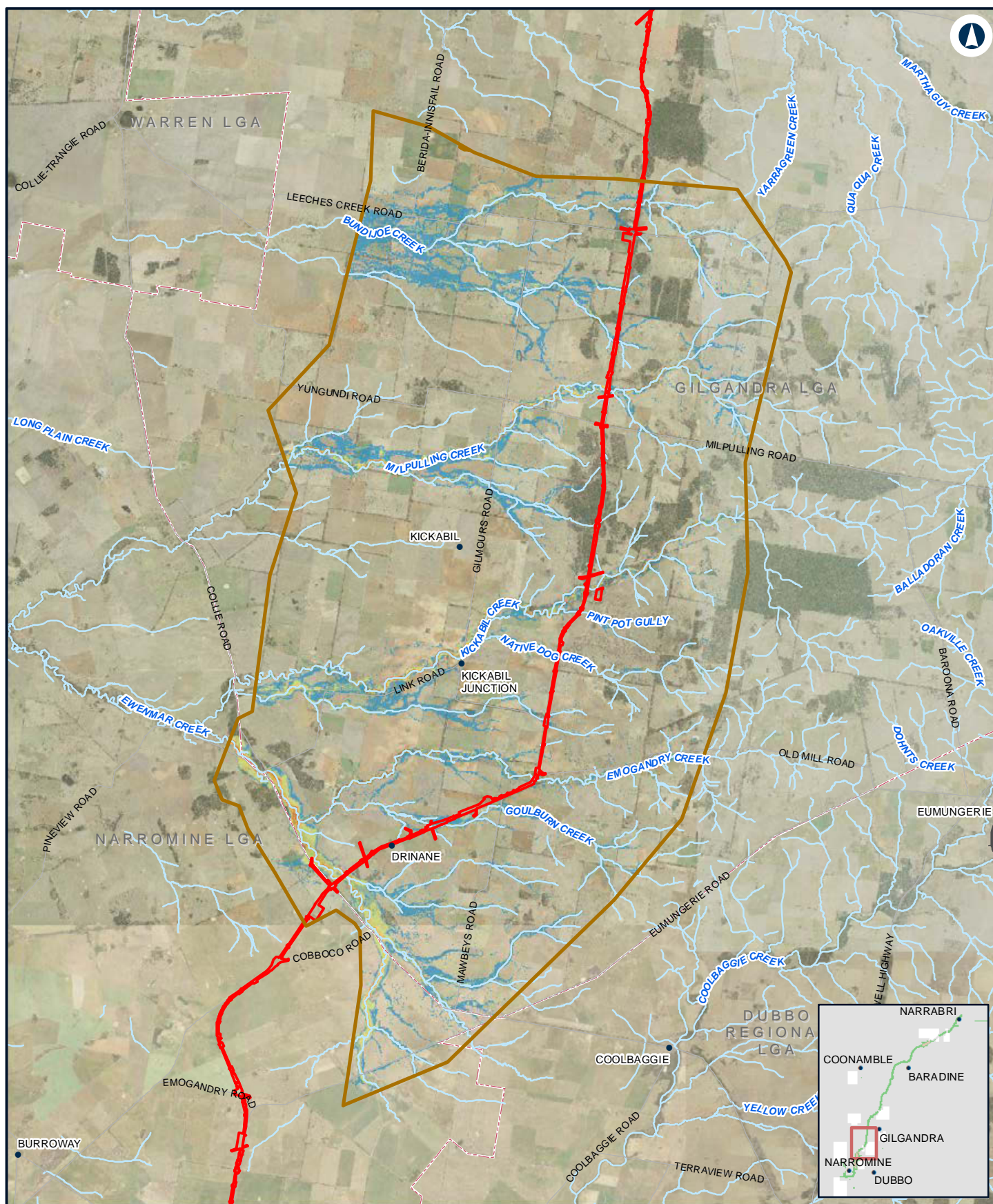
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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0 2.5 5 Km

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Date: 10/01/2022
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Paper: A4
Scale: 1:180,000

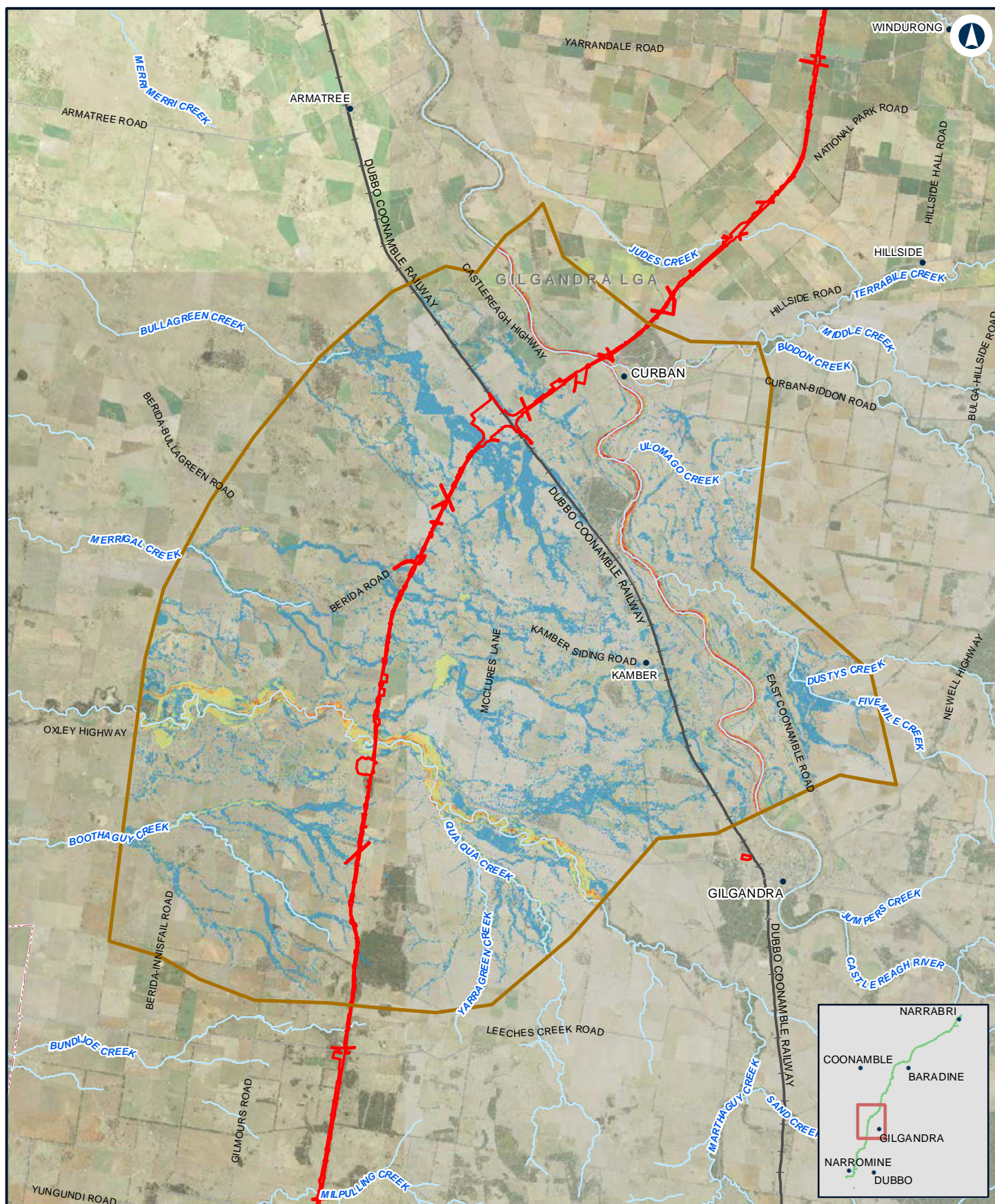
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N11N12

Appendix D - Figure 4.1d

0 2.5 5 Km

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

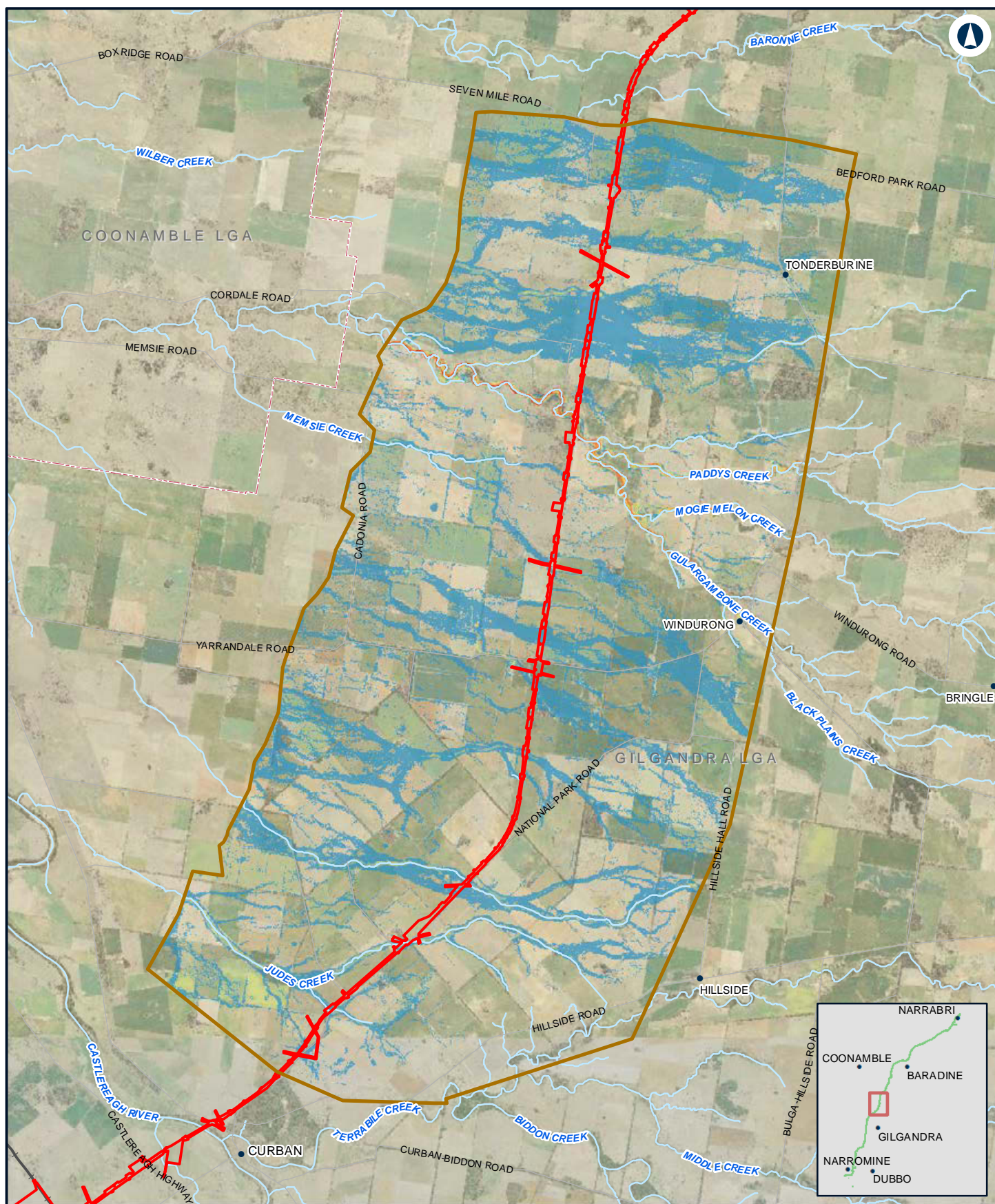
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N10

Appendix D - Figure 4.1e

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

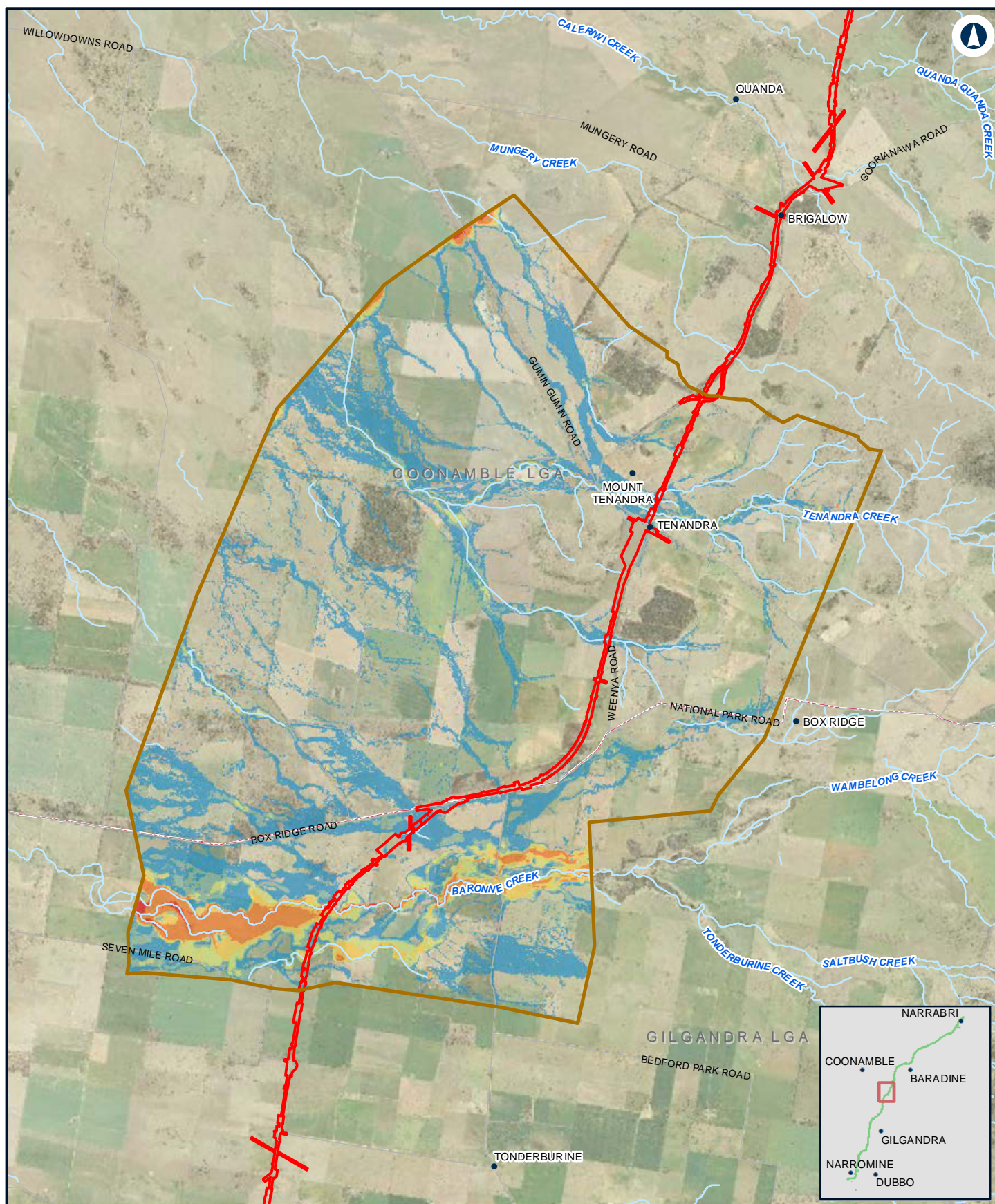
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N9

Appendix D - Figure 4.1f

0 1.5 3 Km

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Paper: A4
Scale: 1:110,000

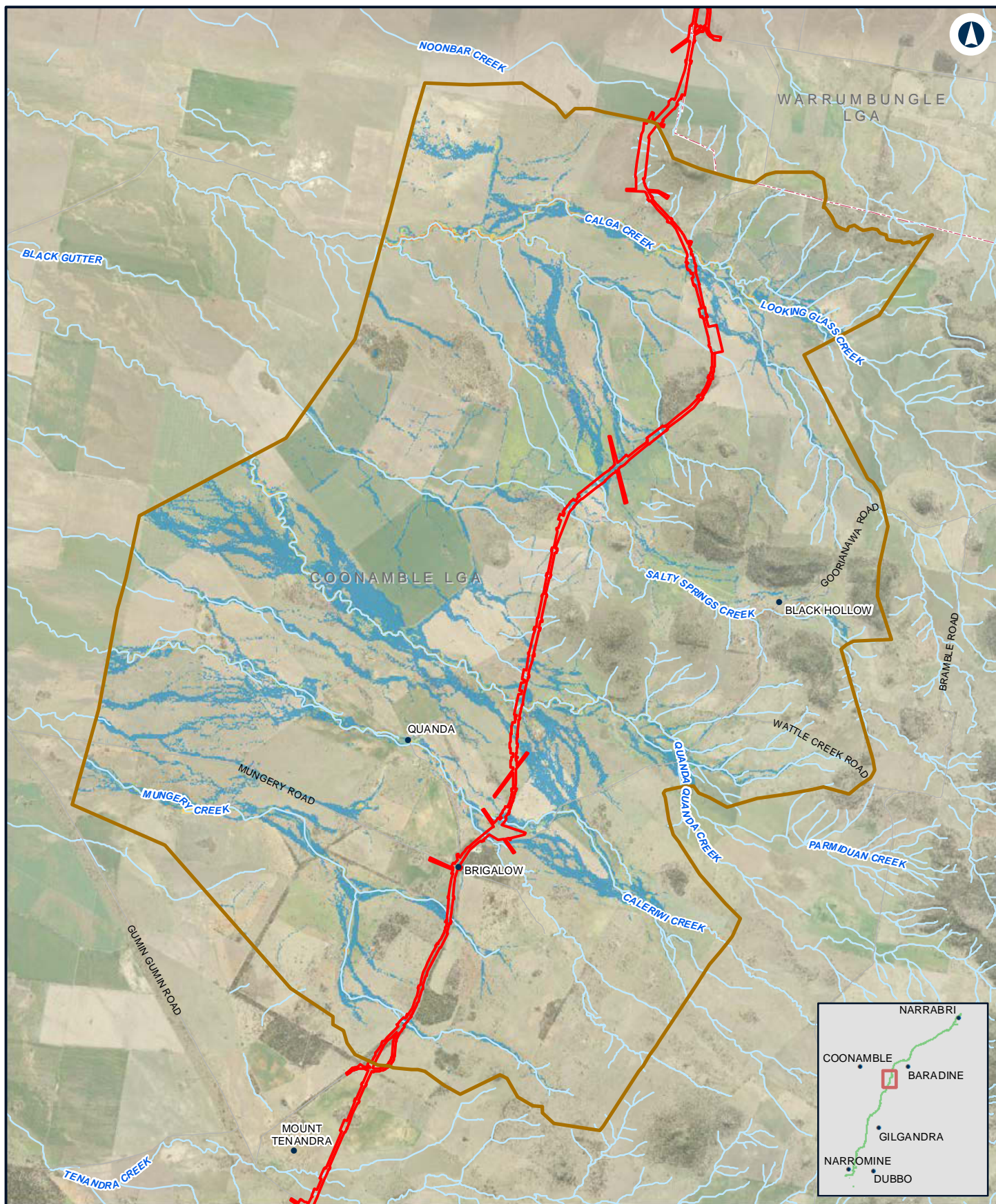
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N8

Appendix D - Figure 4.1g

0 1 2 Km

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Author: JacobsGHD

Paper: A4
Scale: 1:100,000

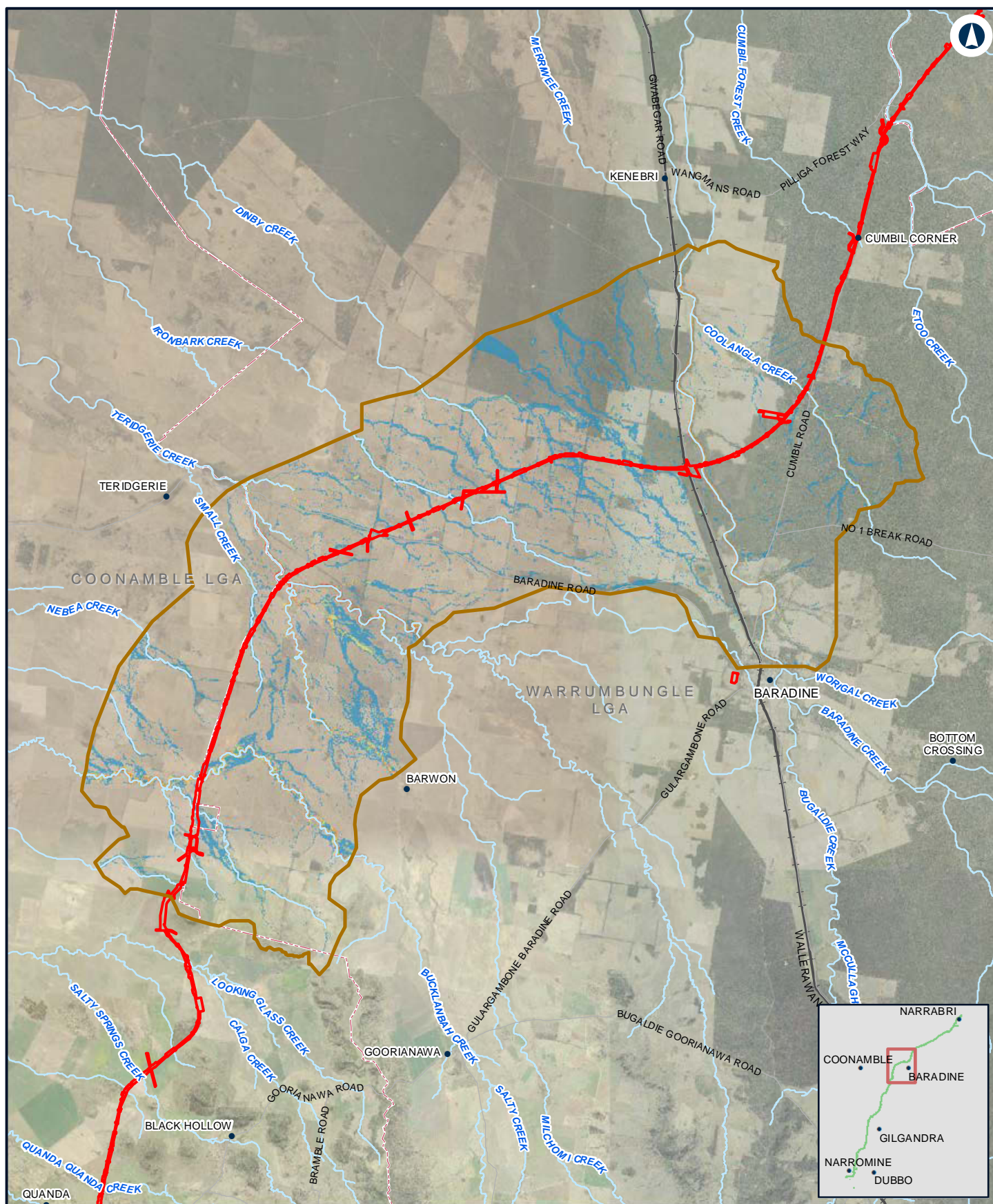
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N7

Appendix D - Figure 4.1h

0 2.5 5
Km

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

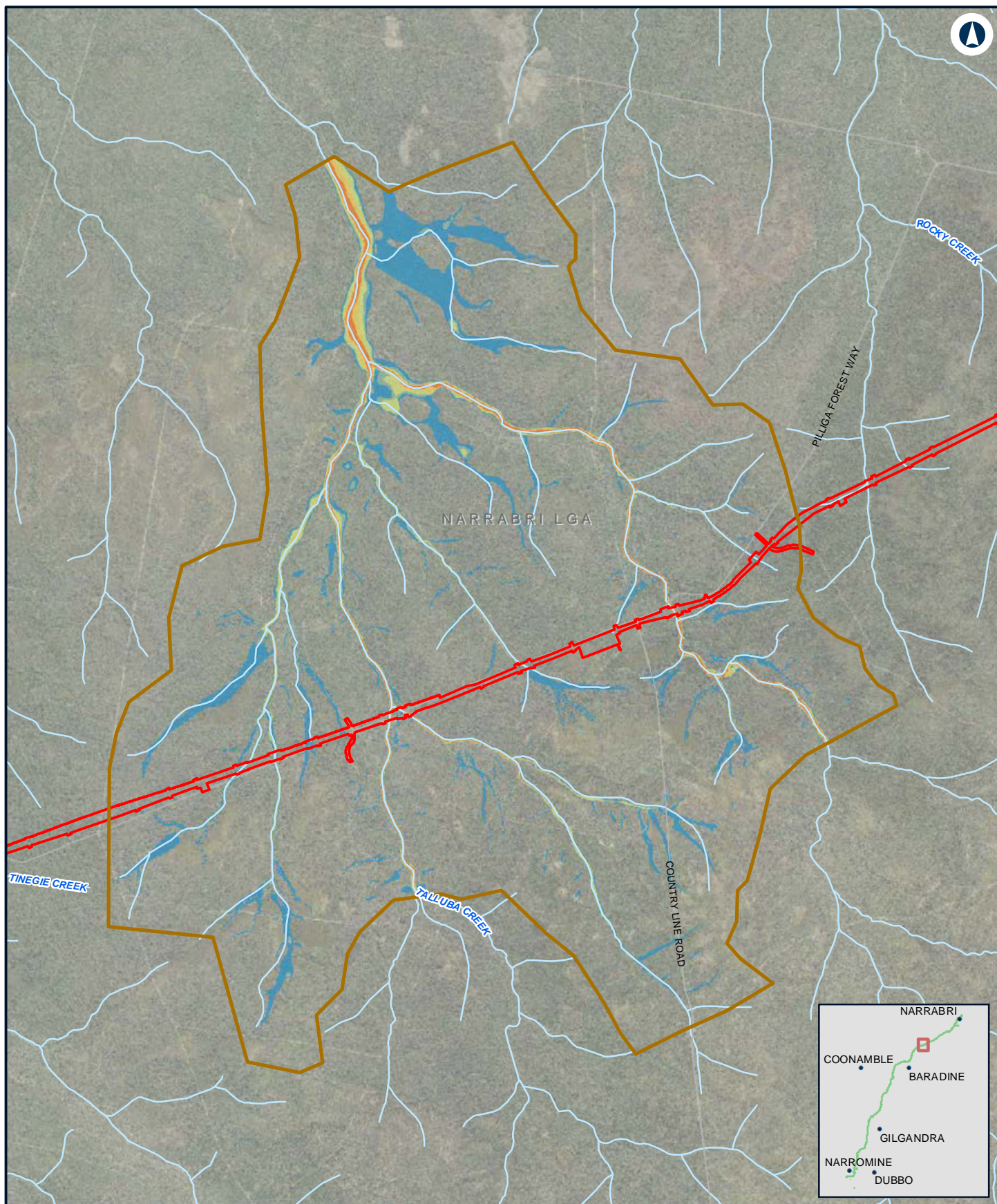
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N5

Appendix D - Figure 4.1j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:70,000

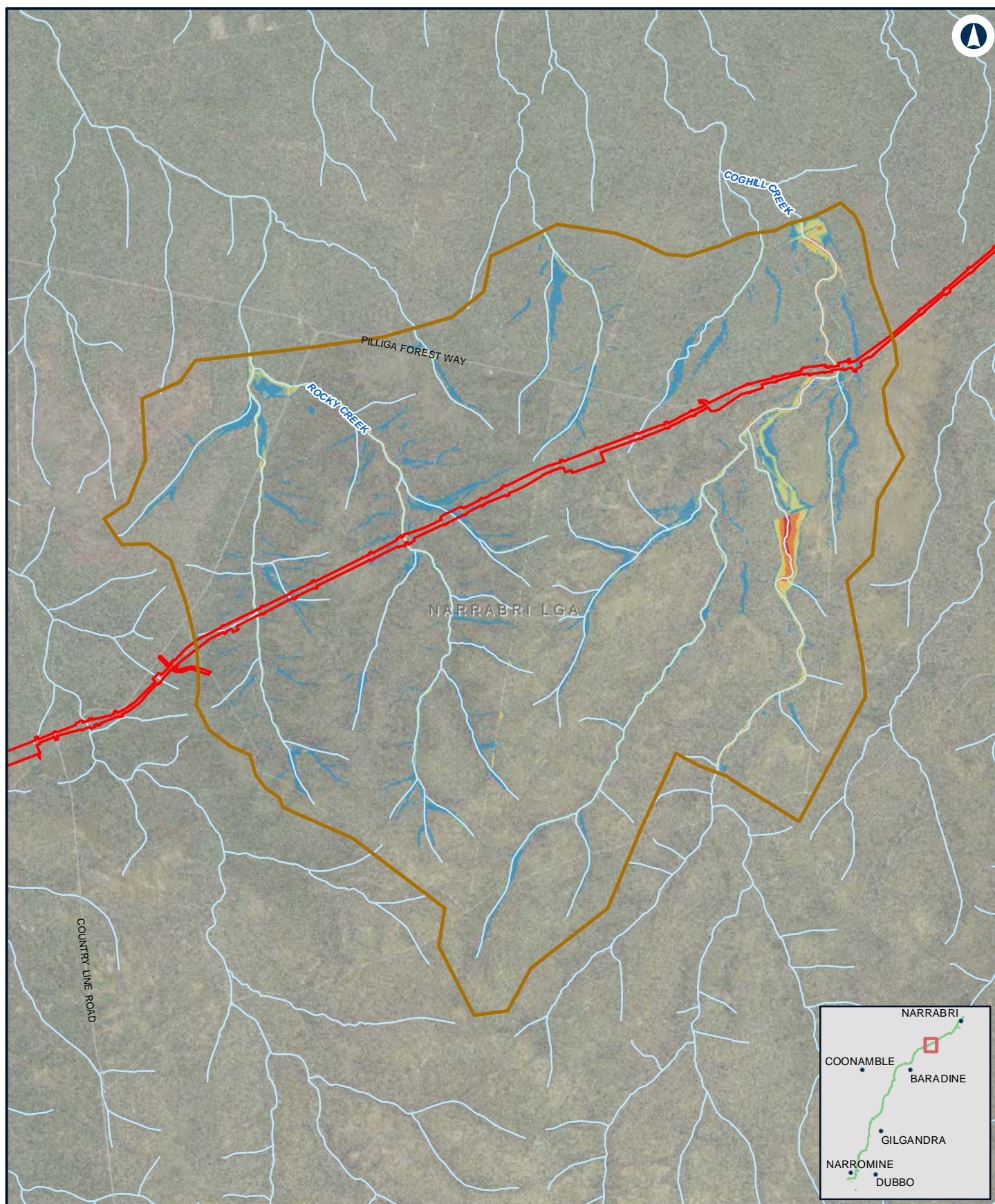
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N4

Appendix D - Figure 4.1k

0 1 2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

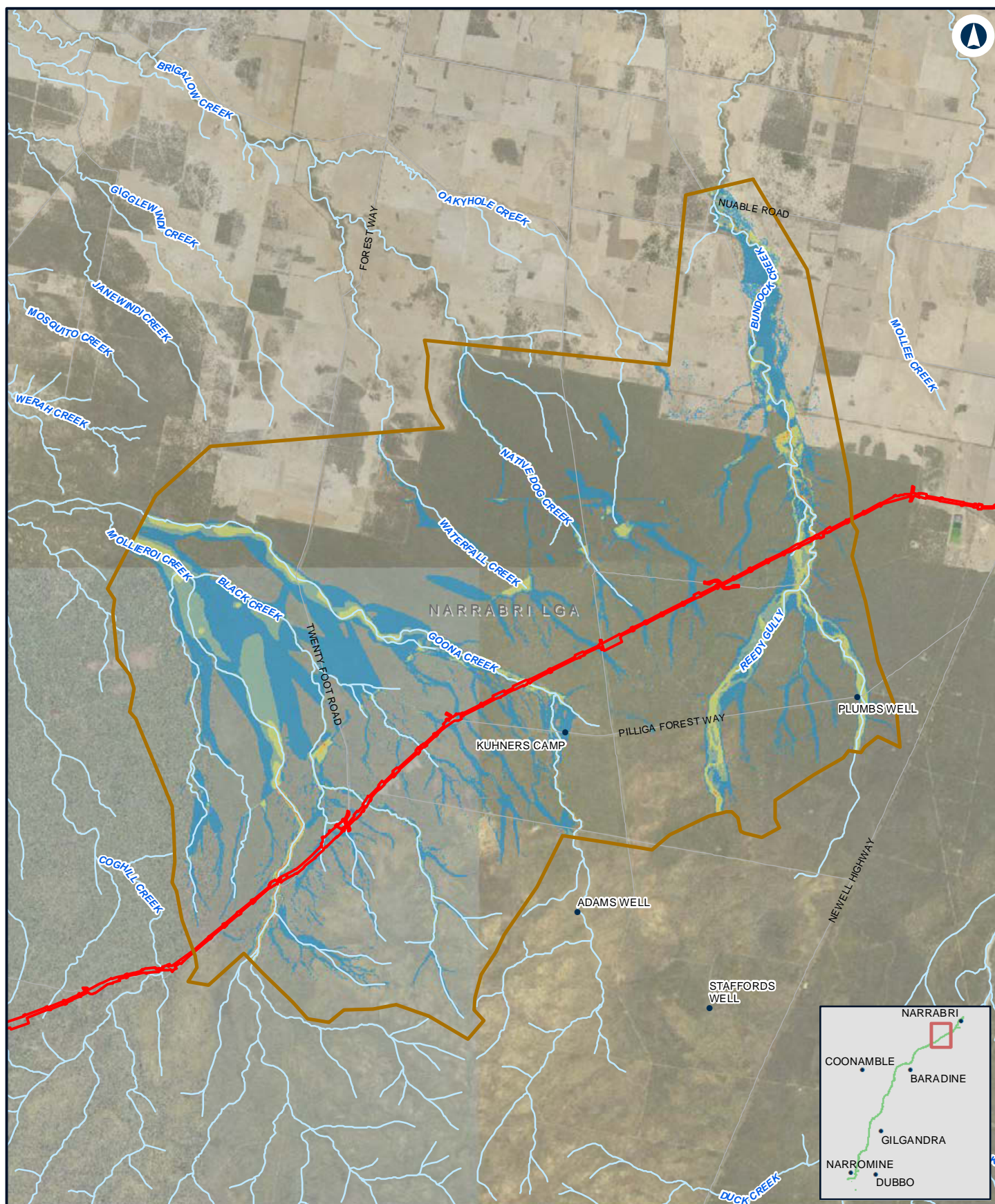
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N23

Appendix D - Figure 4.11

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4
Scale: 1:140,000

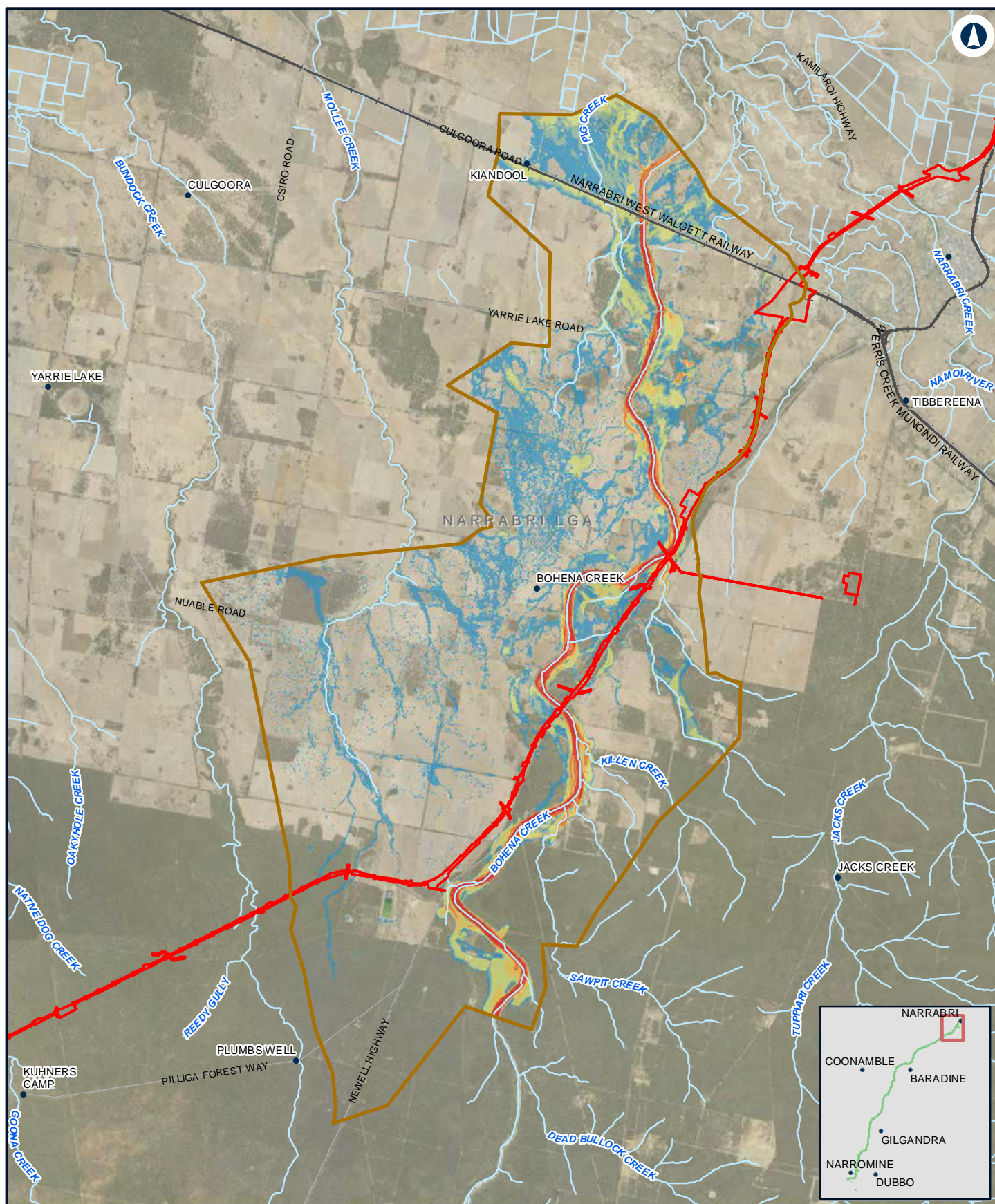
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NARROMINE TO NARRABRI

Existing flood hazard - 20% AEP - N2N1

Appendix D - Figure 4.1m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Scale: 1:150,000

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

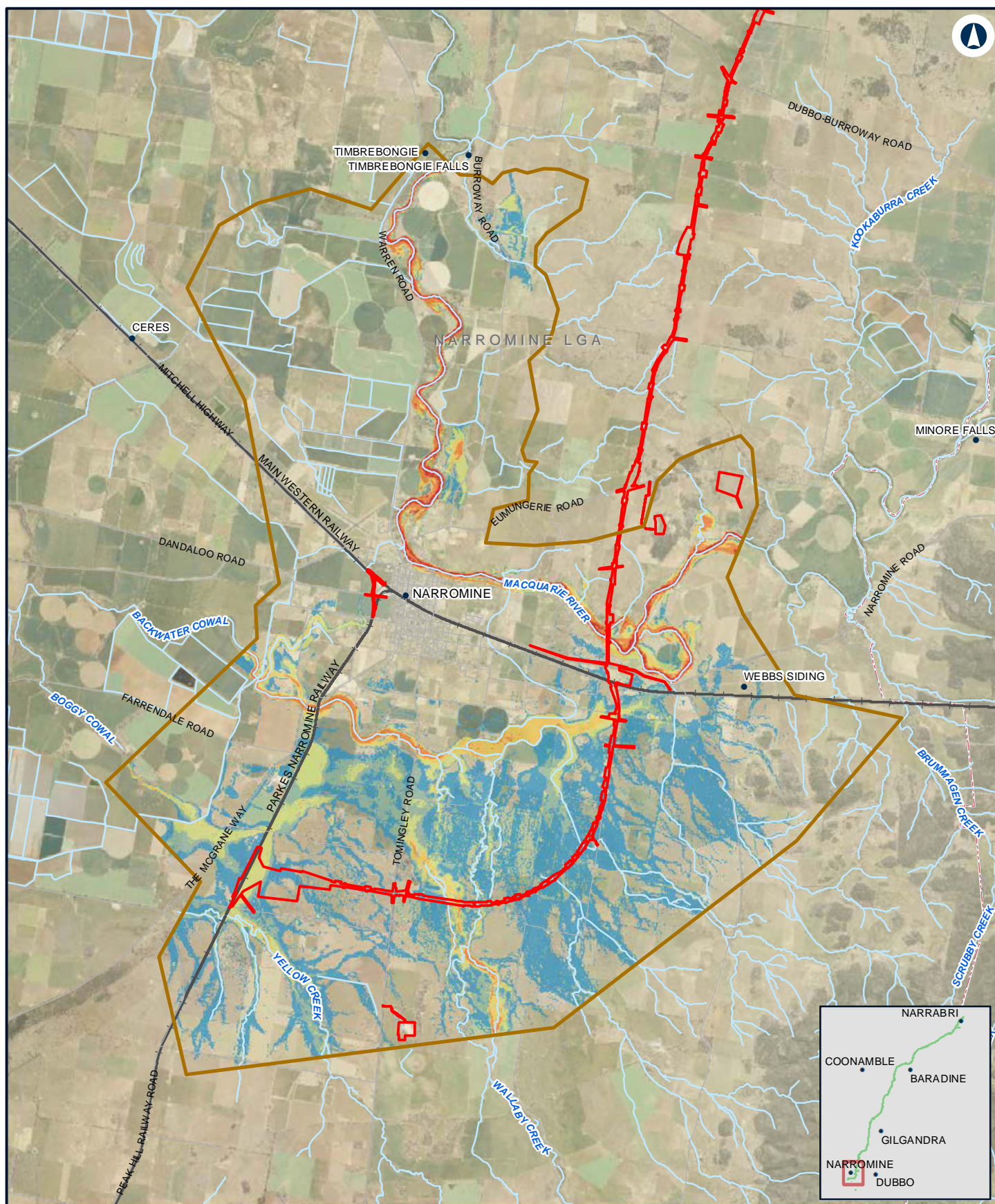
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - NFM

Appendix D - Figure 4.2a

0 1.5 3 Km

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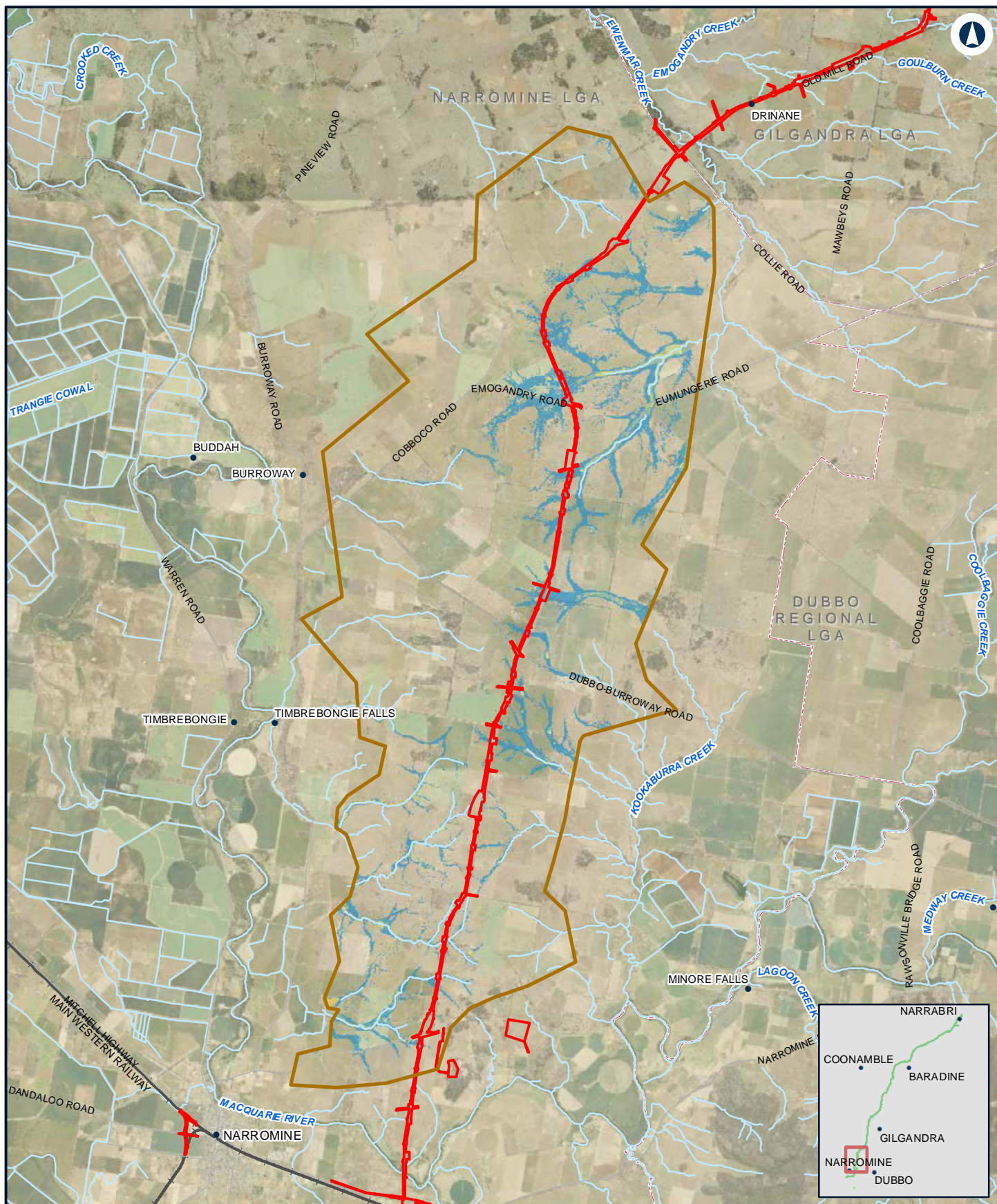
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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N14

Appendix D - Figure 4.2b

0 2 4 Km

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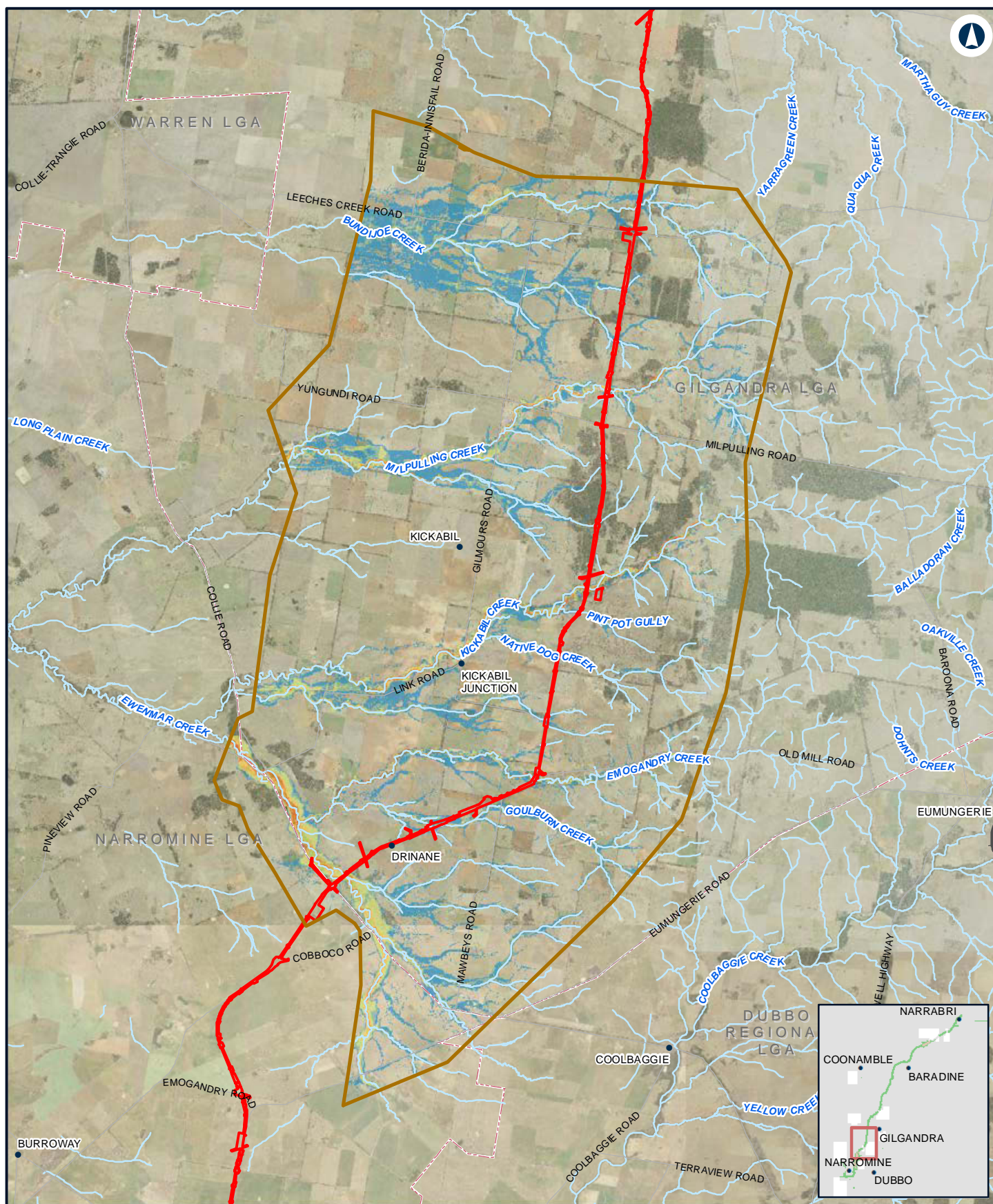
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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N13

Appendix D - Figure 4.2c

0 2.5 5 Km

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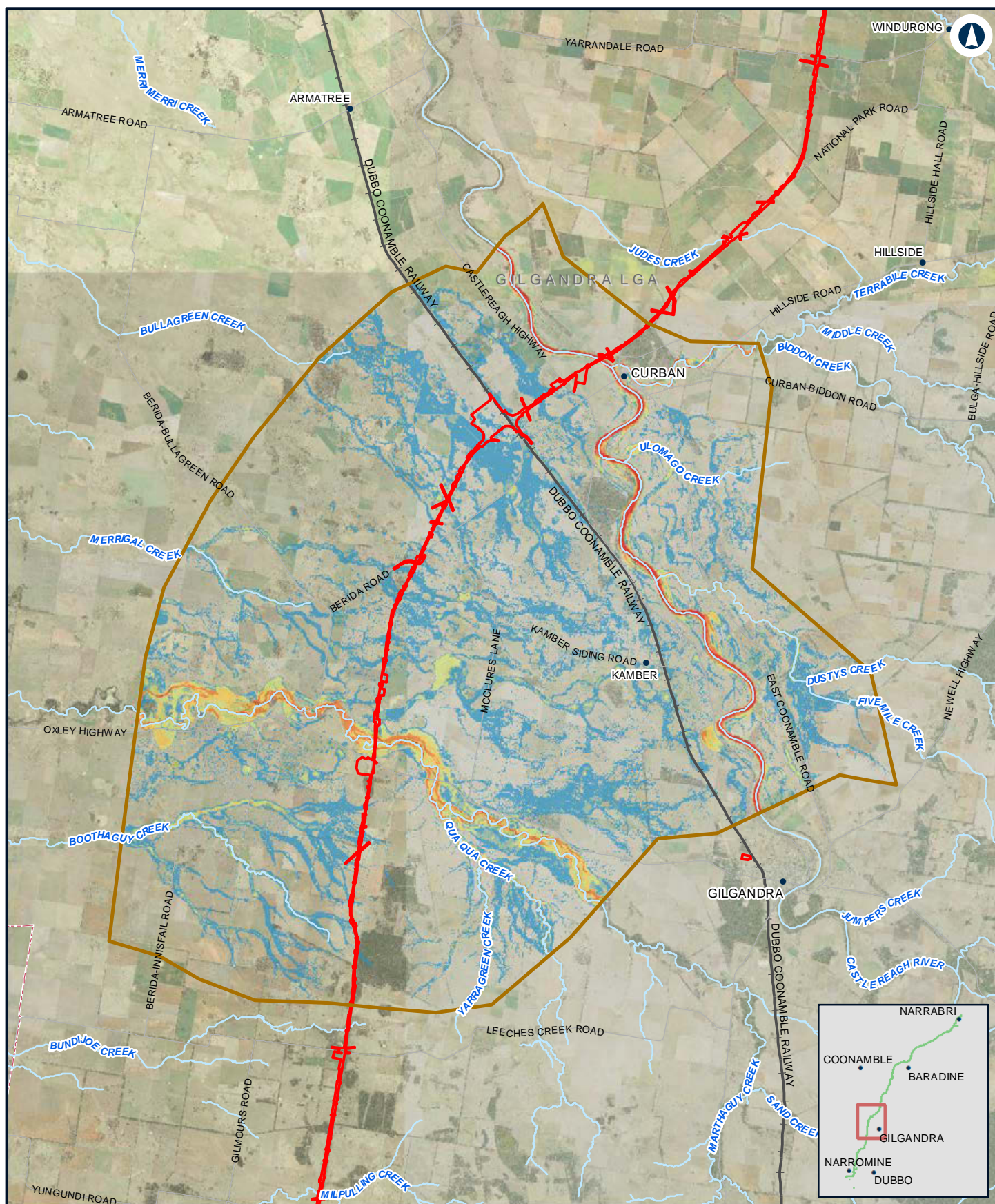
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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N11N12

Appendix D - Figure 4.2d

0 2.5 5
Km

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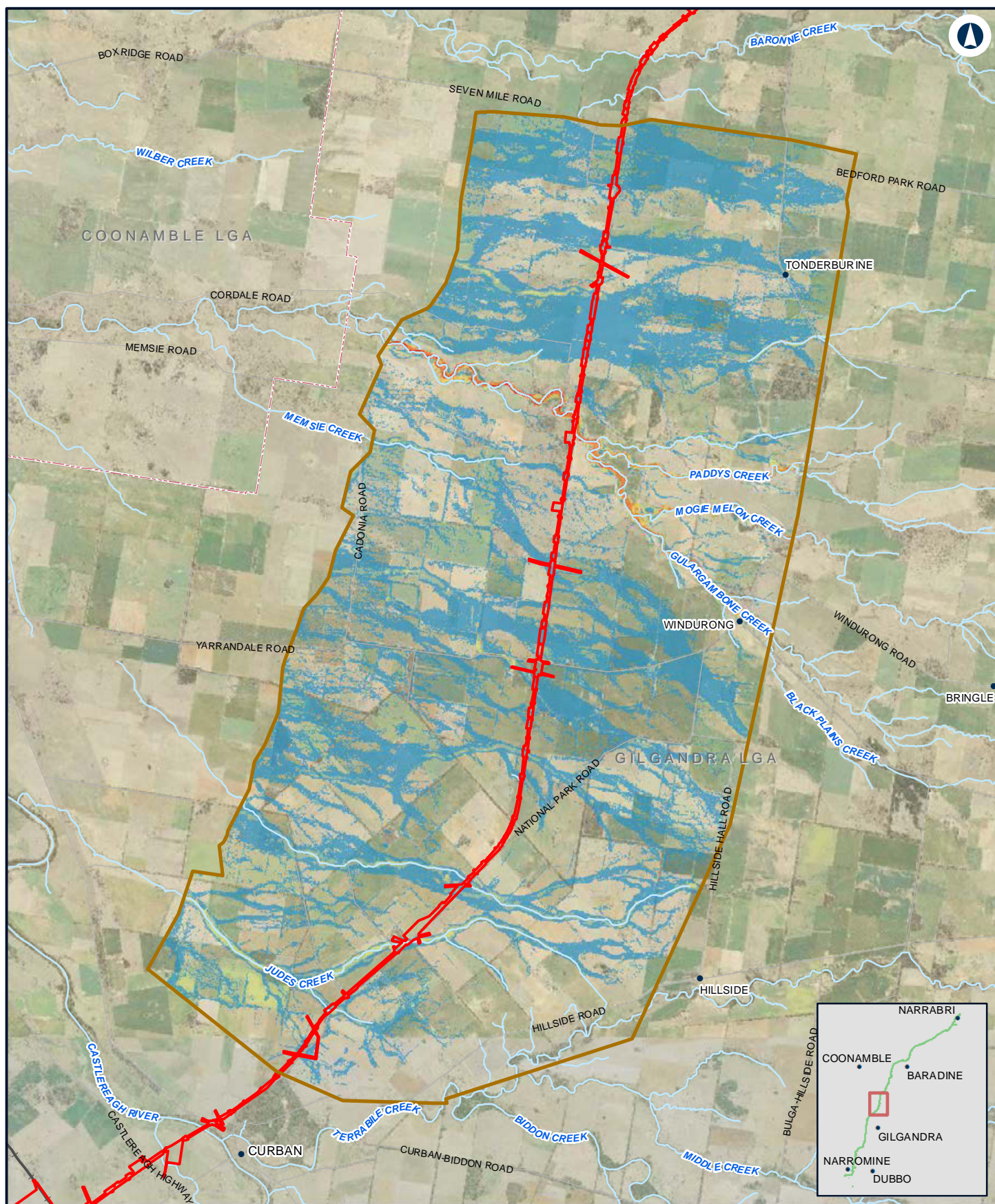
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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N10

Appendix D - Figure 4.2e

0 1.5 3
Km

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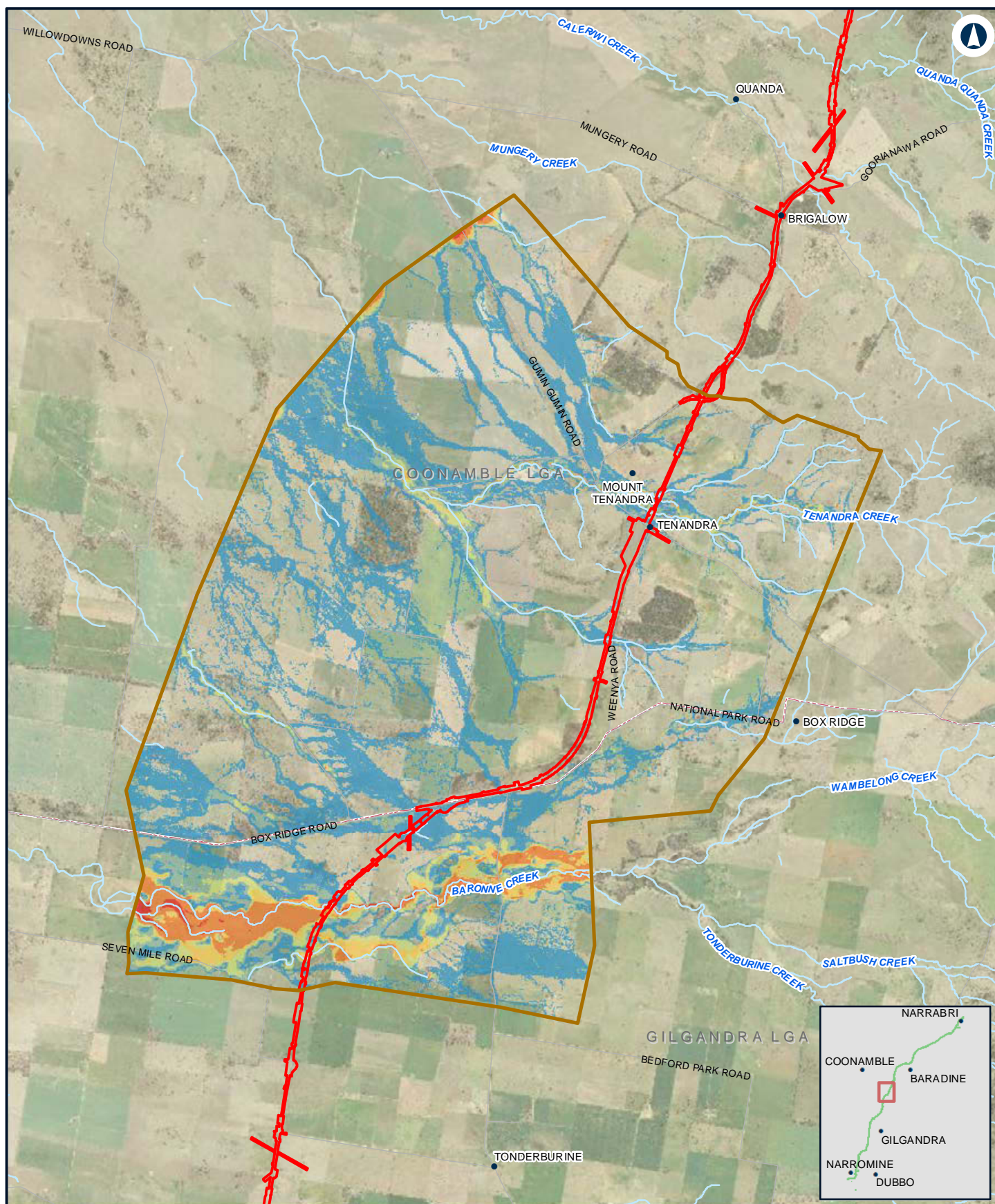
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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N9

Appendix D - Figure 4.2f

0 1.5 3 Km

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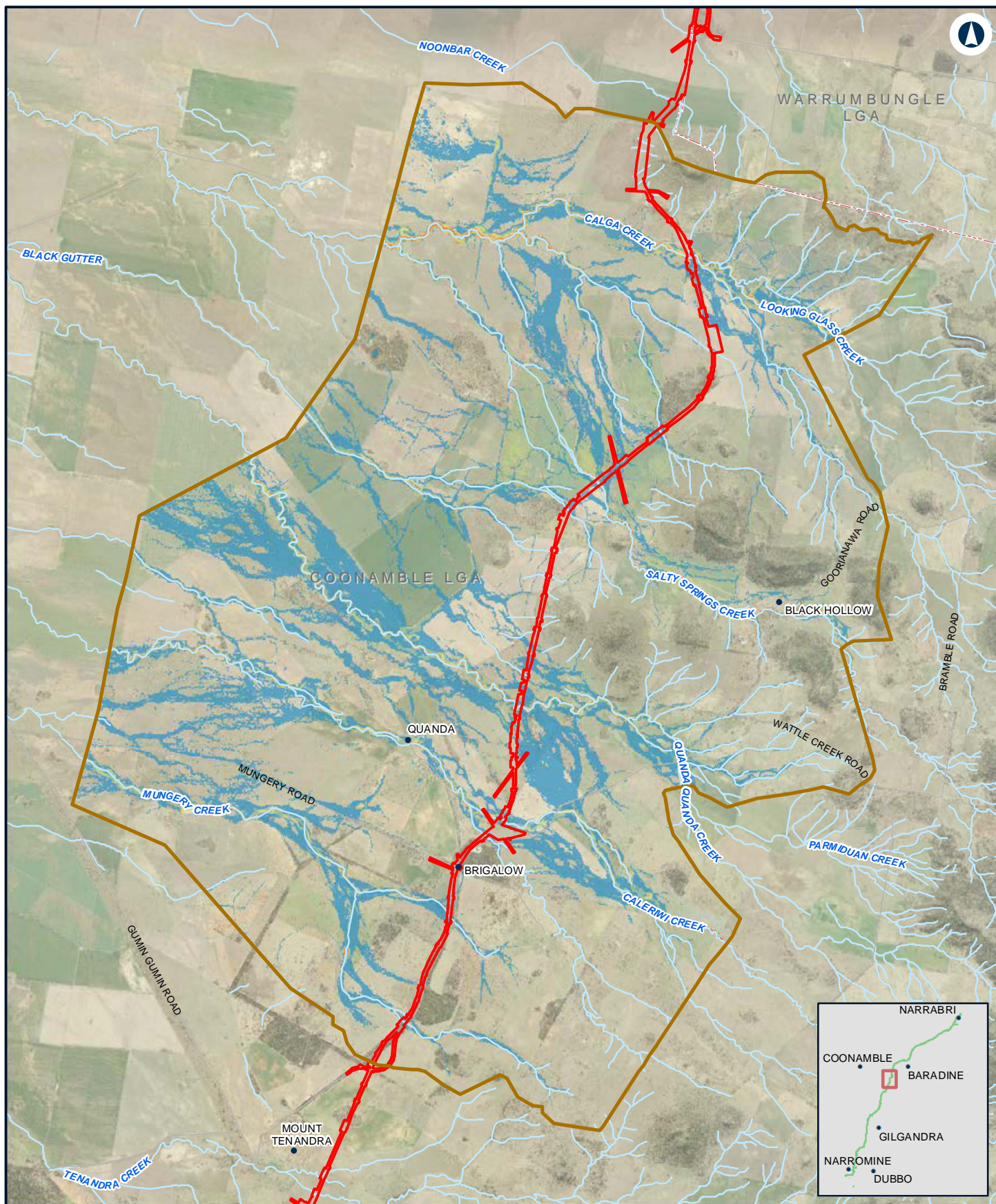
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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N8

Appendix D - Figure 4.2g

0 1 2 Km

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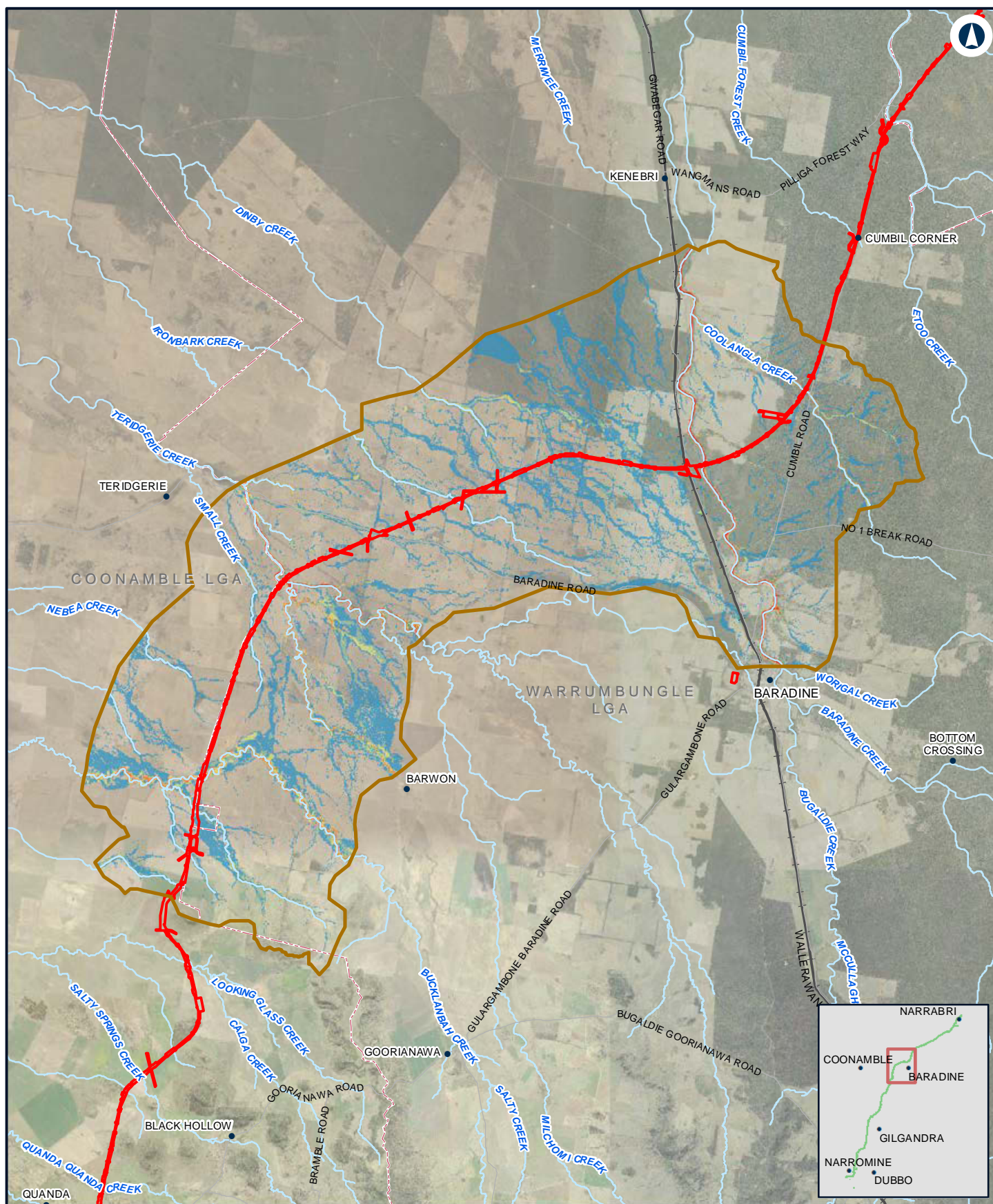
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0 2.5 5 Km

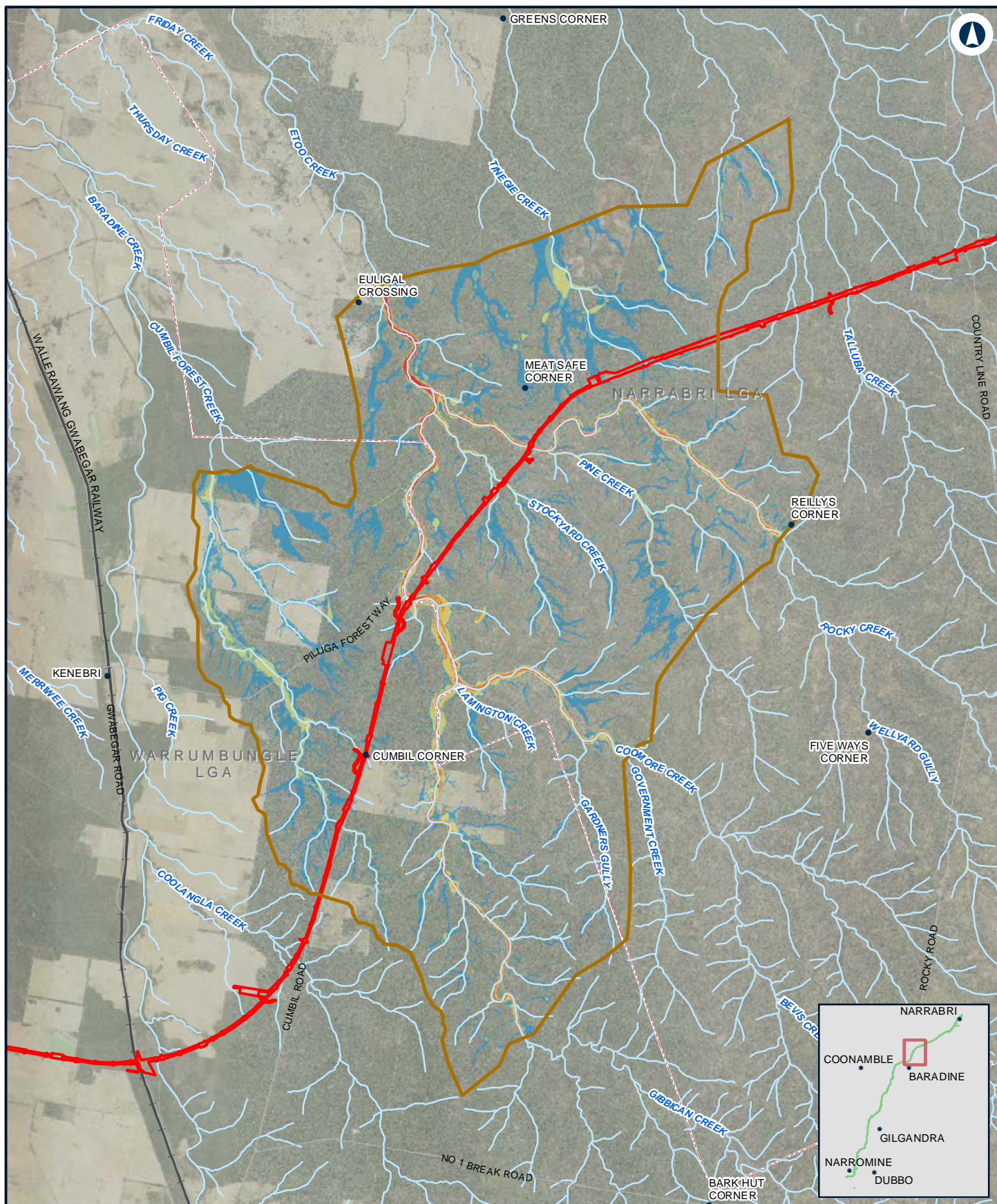
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Author: JacobsGHD

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Scale: 1:200,000

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



NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N6

Appendix D - Figure 4.2i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

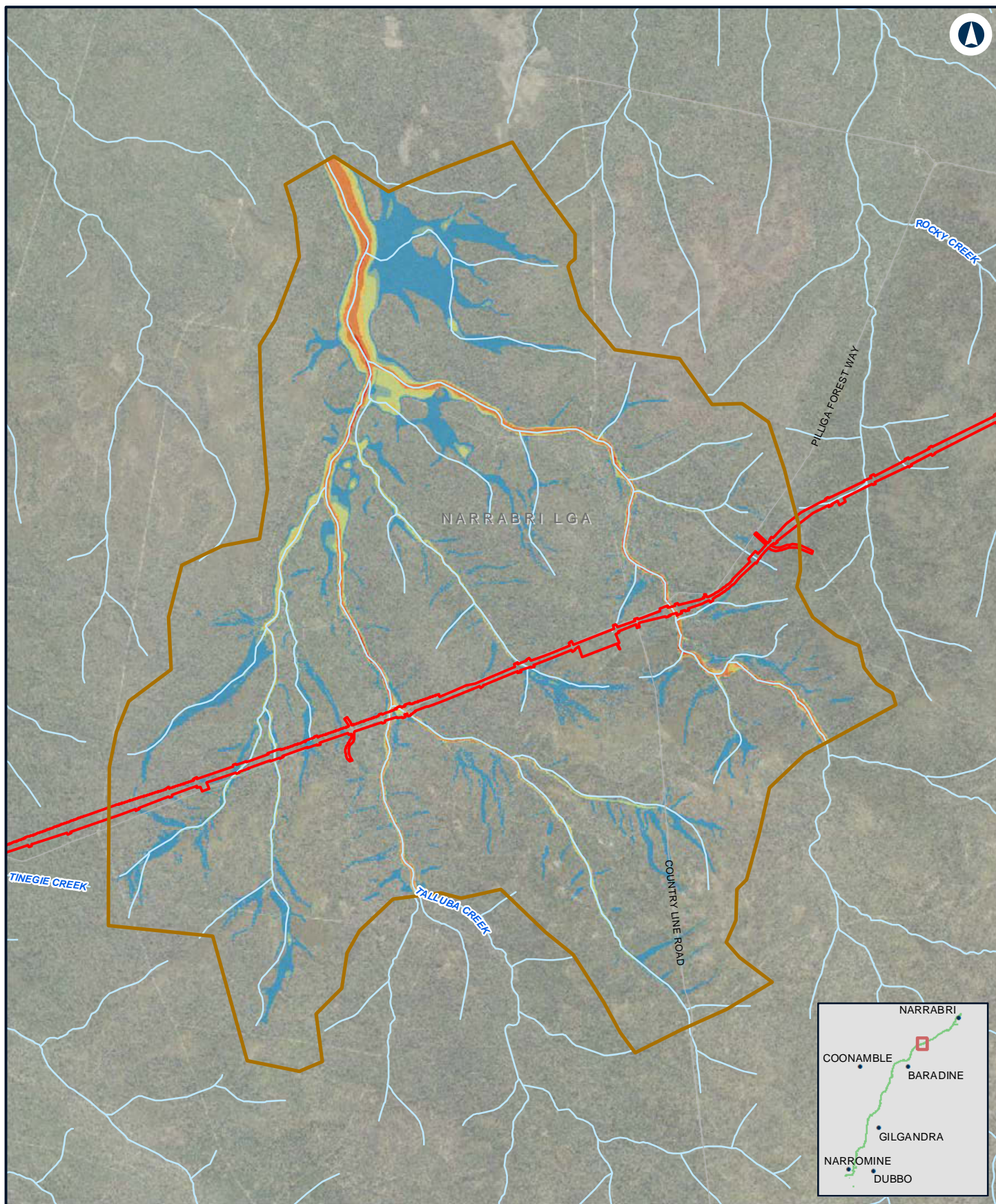
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 5% AEP - N2N5

Appendix D - Figure 4.2j



Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

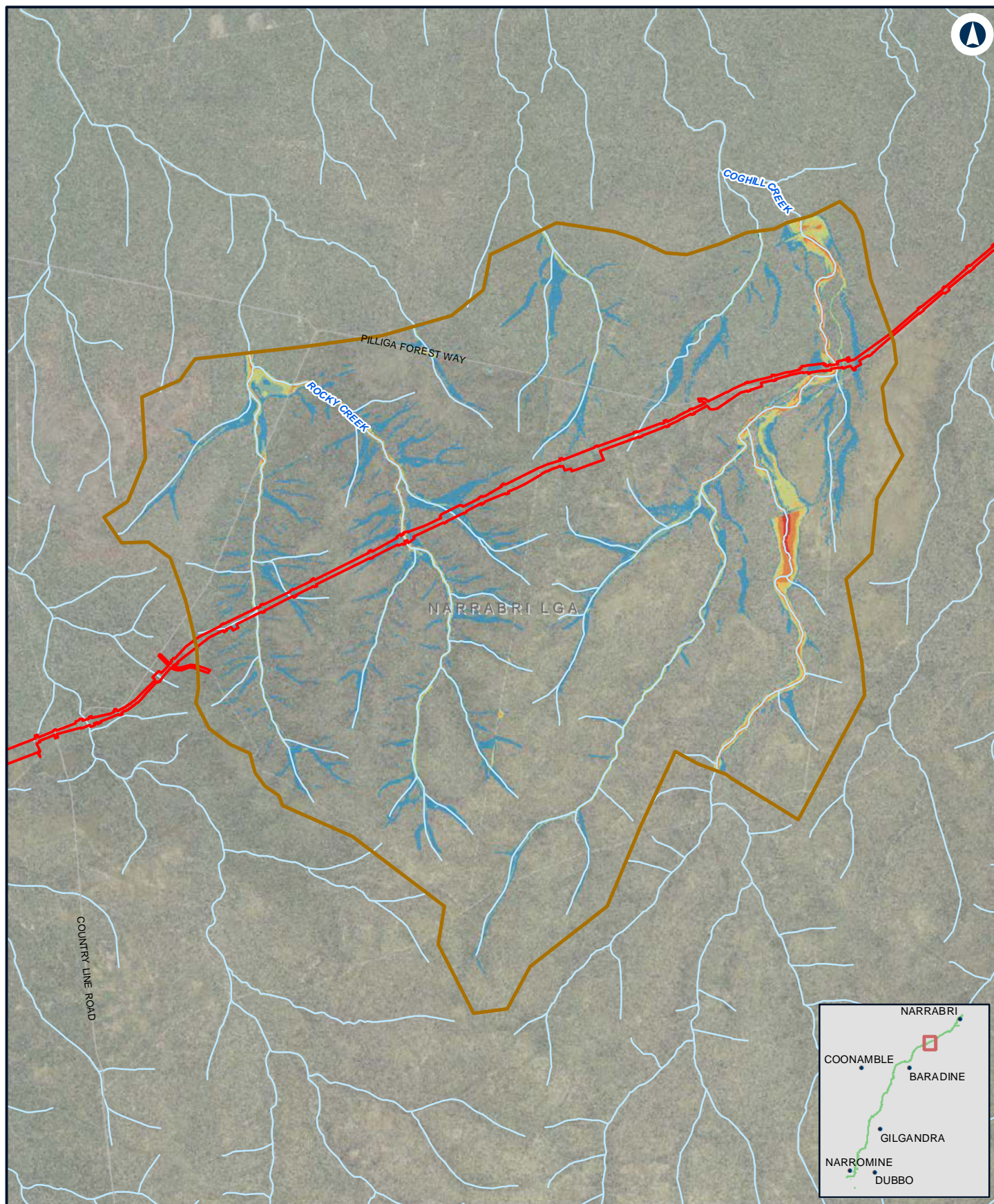
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- 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 - 5% AEP - N2N4

Appendix D - Figure 4.2k

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

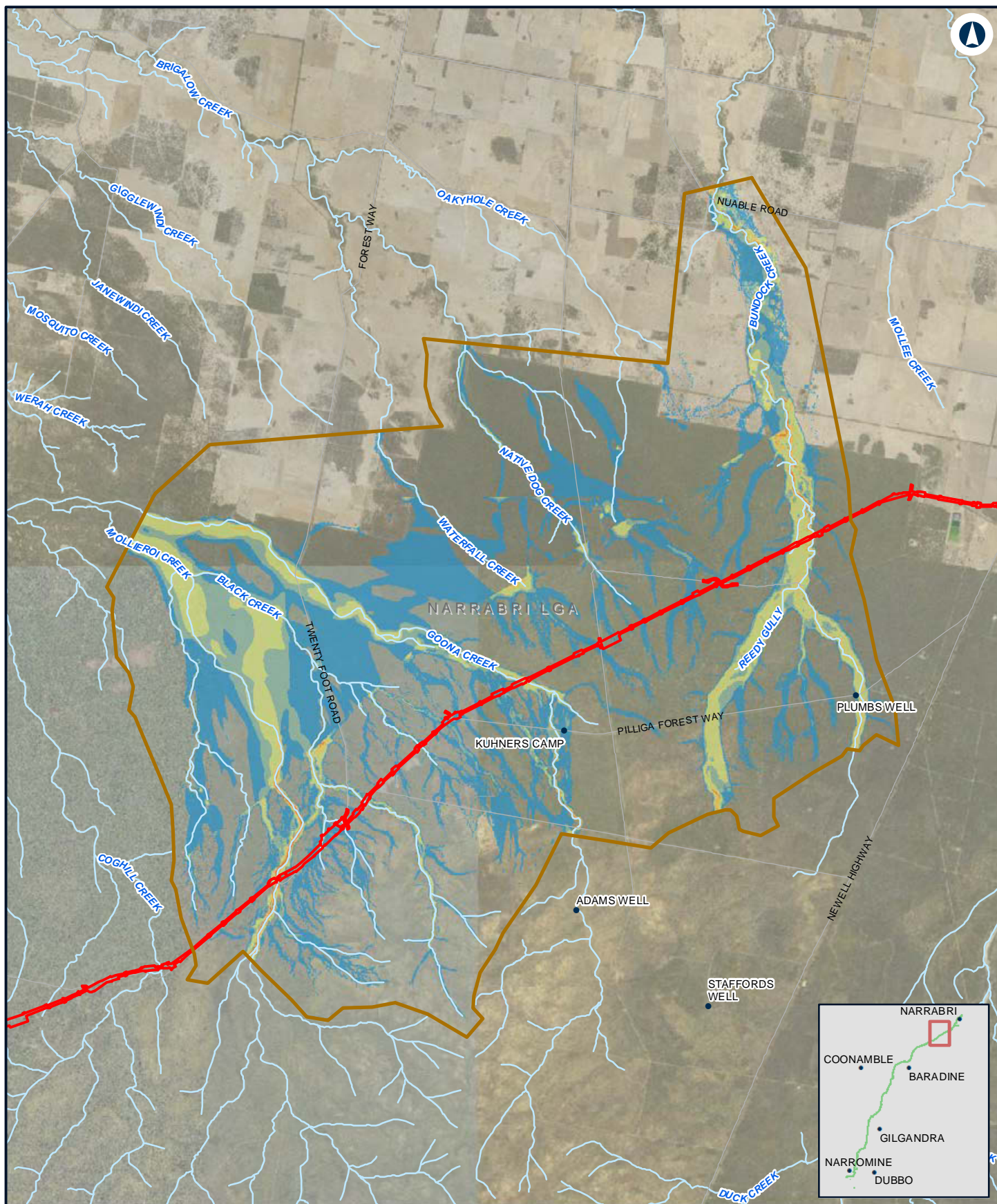
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

INLAND RAIL **ARTC**

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NARRABRI TO NARRABRI

Existing flood hazard - 5% AEP - N2N23

Appendix D - Figure 4.2I

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

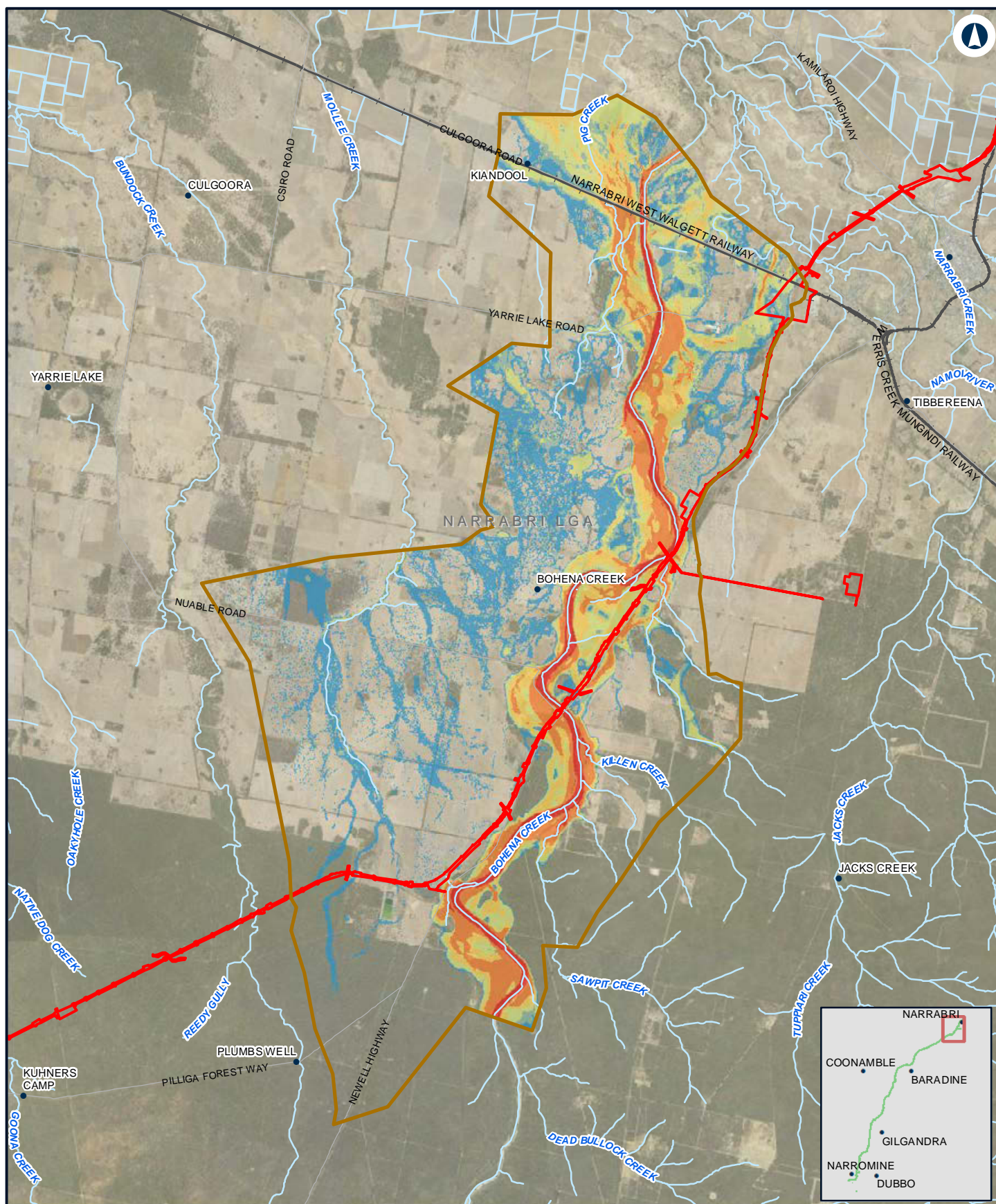
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- 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 - 5% AEP - N2N1

Appendix D - Figure 4.2m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

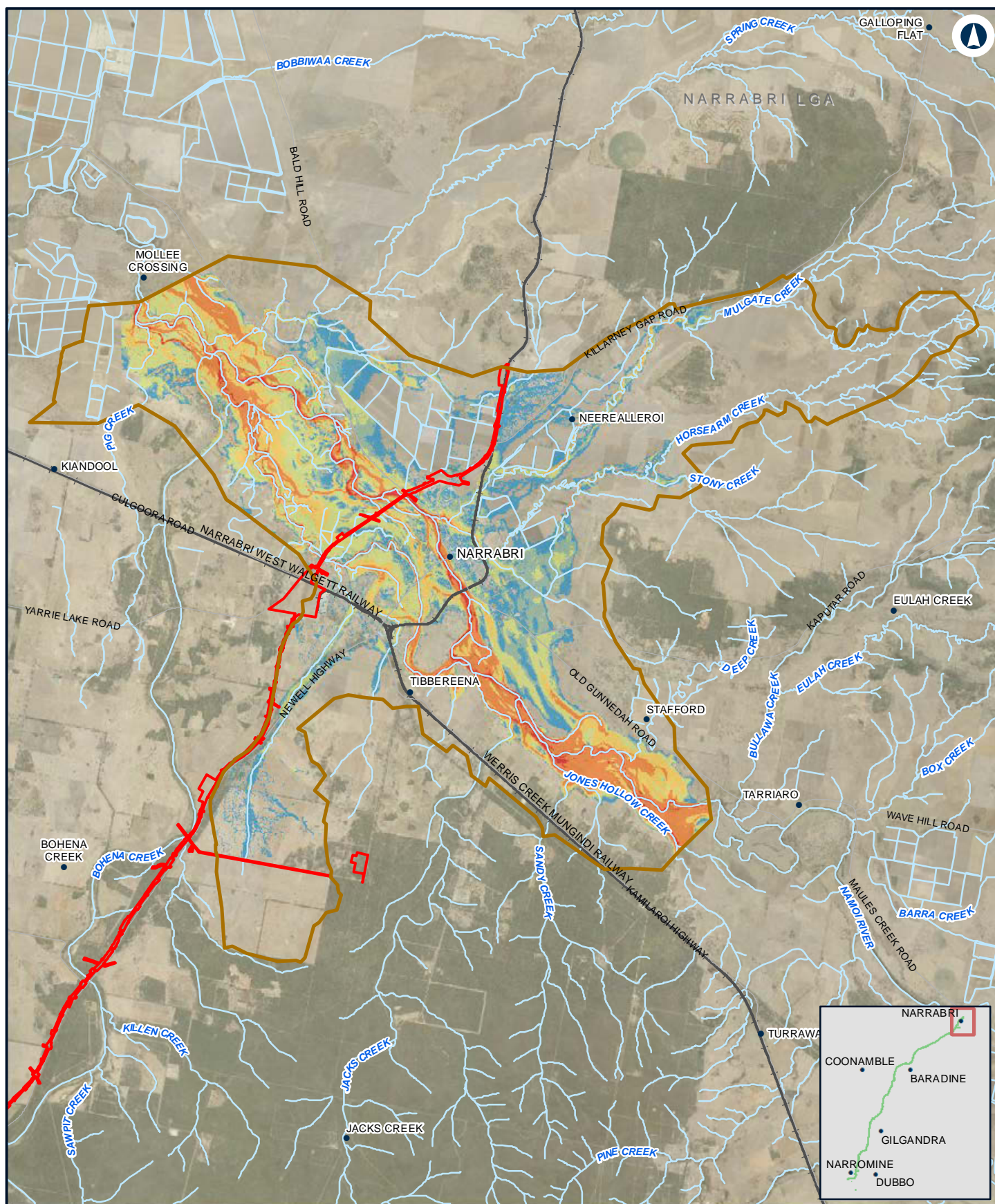
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

INLAND RAIL **ARTC**

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Narromine to Narrabri

Existing flood hazard - 5% AEP - Narrabri

Appendix D - Figure 4.2n

0 2 4
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

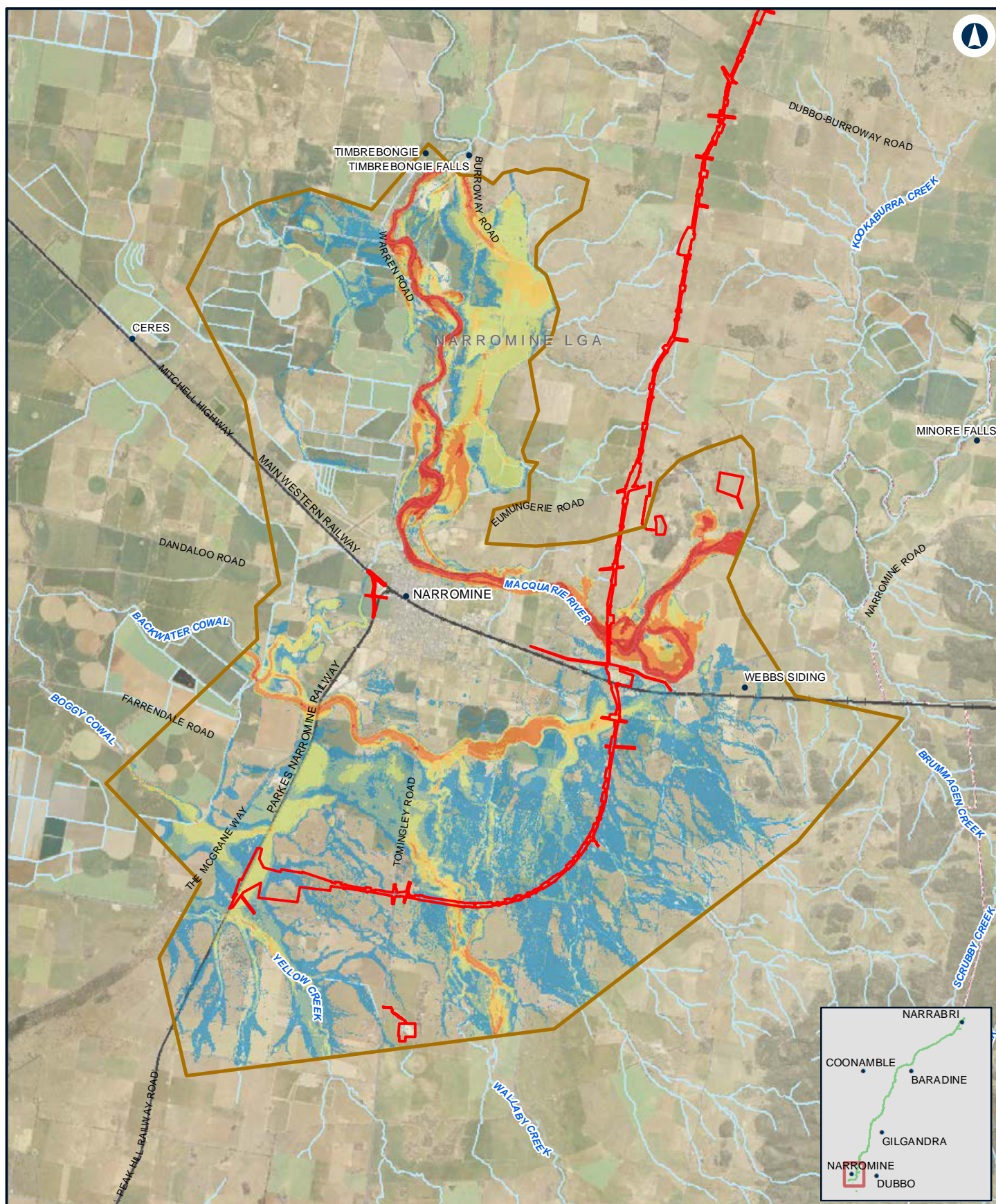
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - NFM

Appendix D - Figure 4.3a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
Author: JacobsGHD Scale: 1:140,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

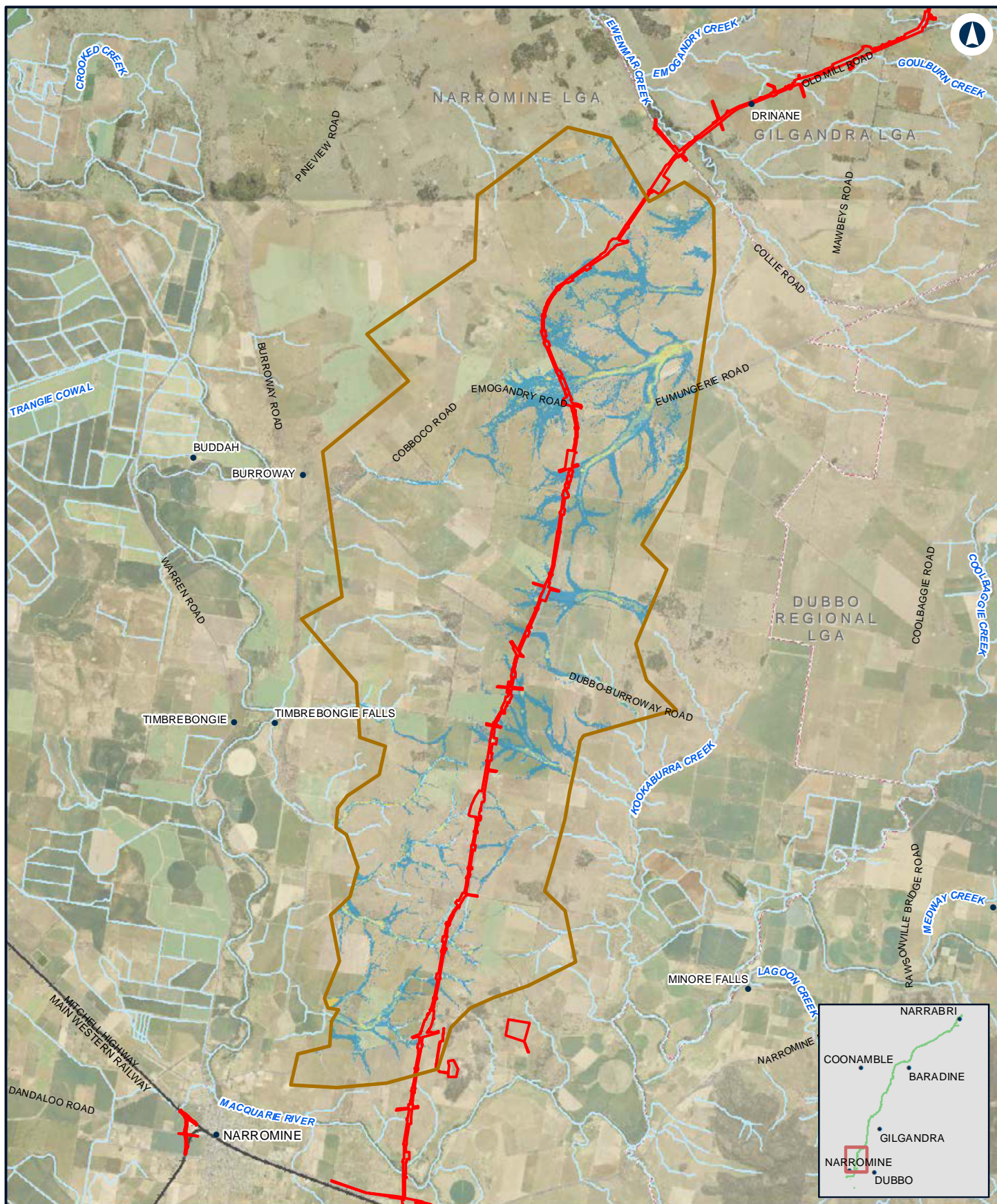
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N14

Appendix D - Figure 4.3b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Paper: A4
Scale: 1:150,000

LEGEND

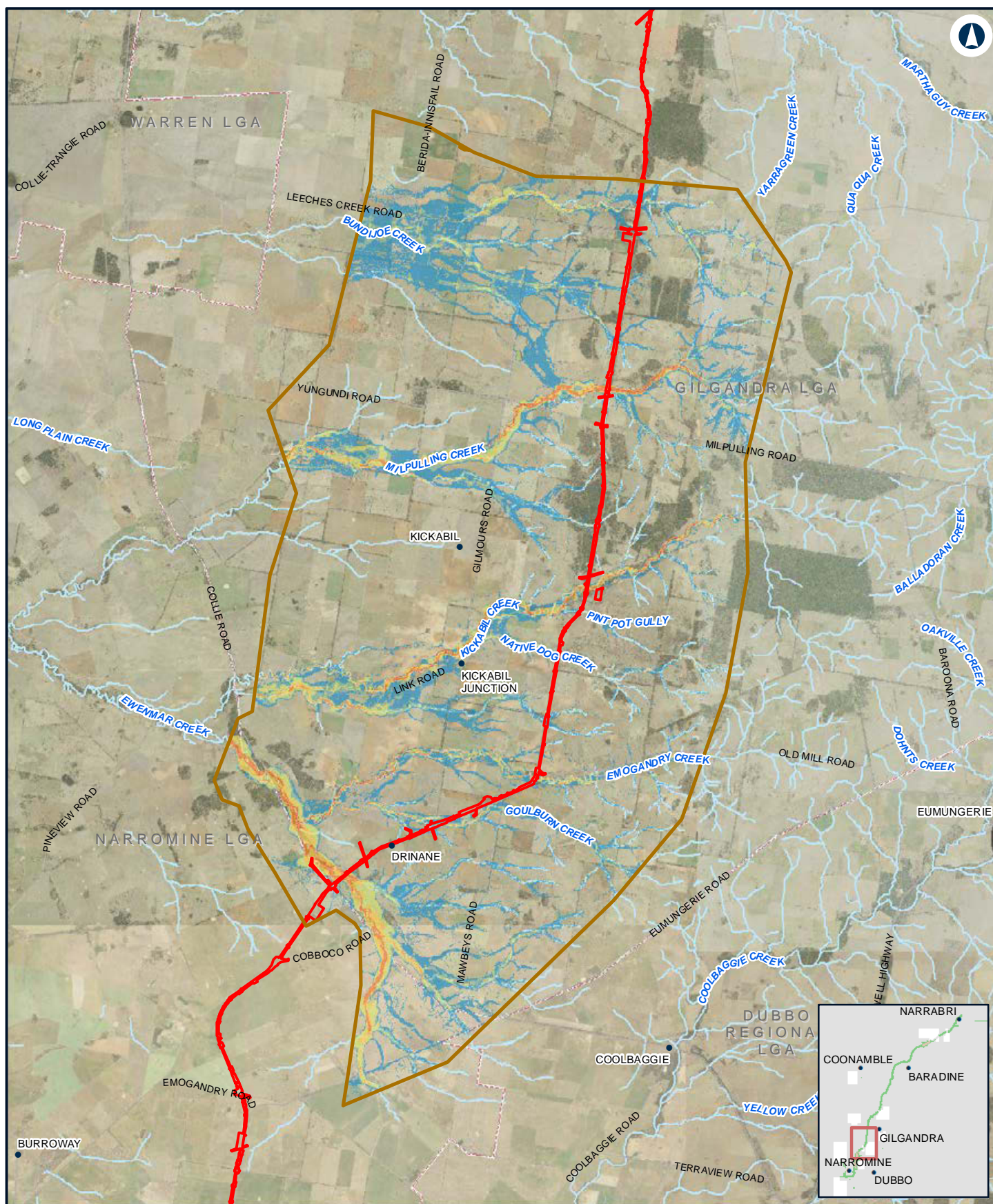
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N13

Appendix D - Figure 4.3c

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Paper: A4
Scale: 1:180,000

LEGEND

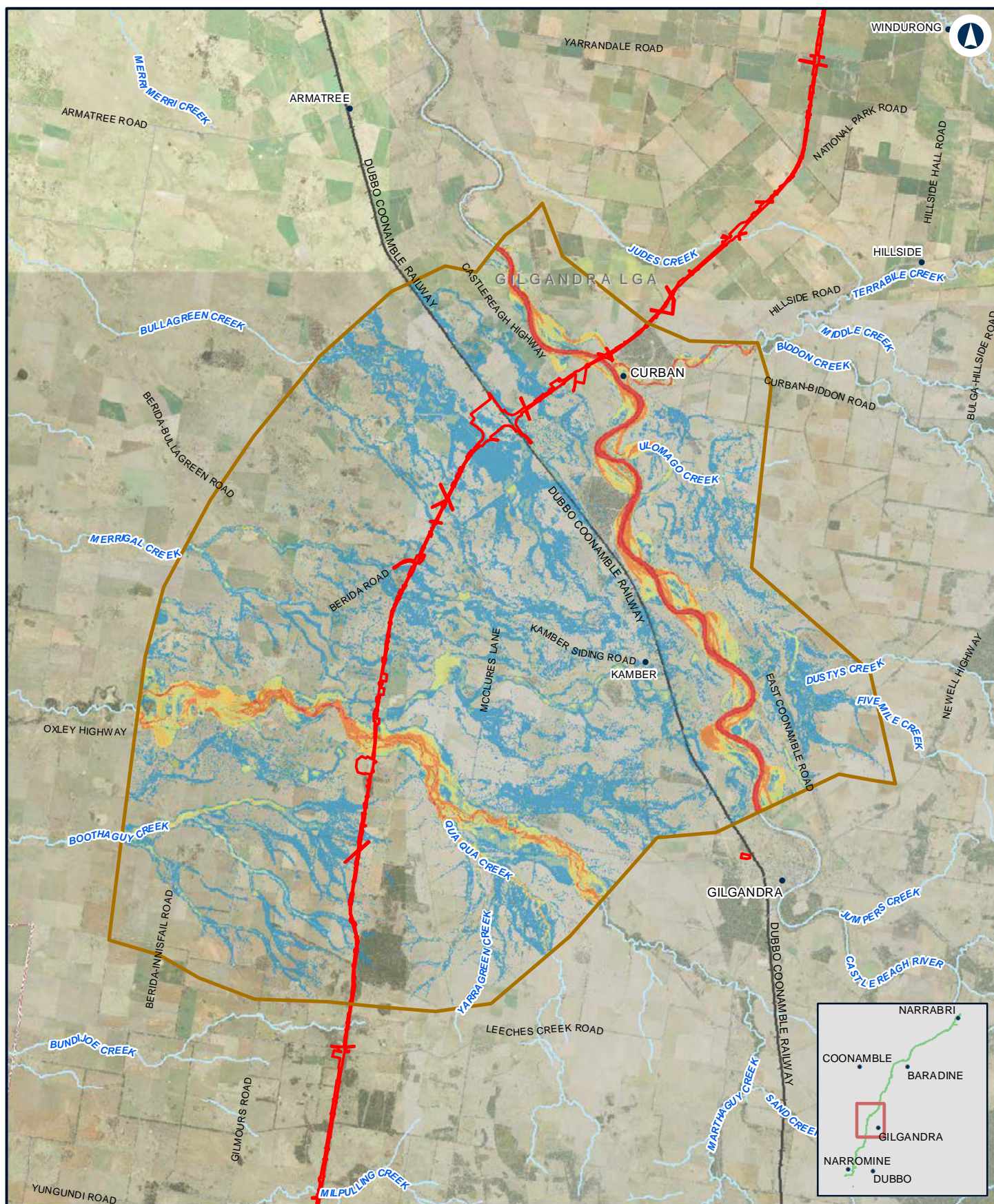
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N11N12

Appendix D - Figure 4.3d

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Paper: A4
Scale: 1:200,000

LEGEND

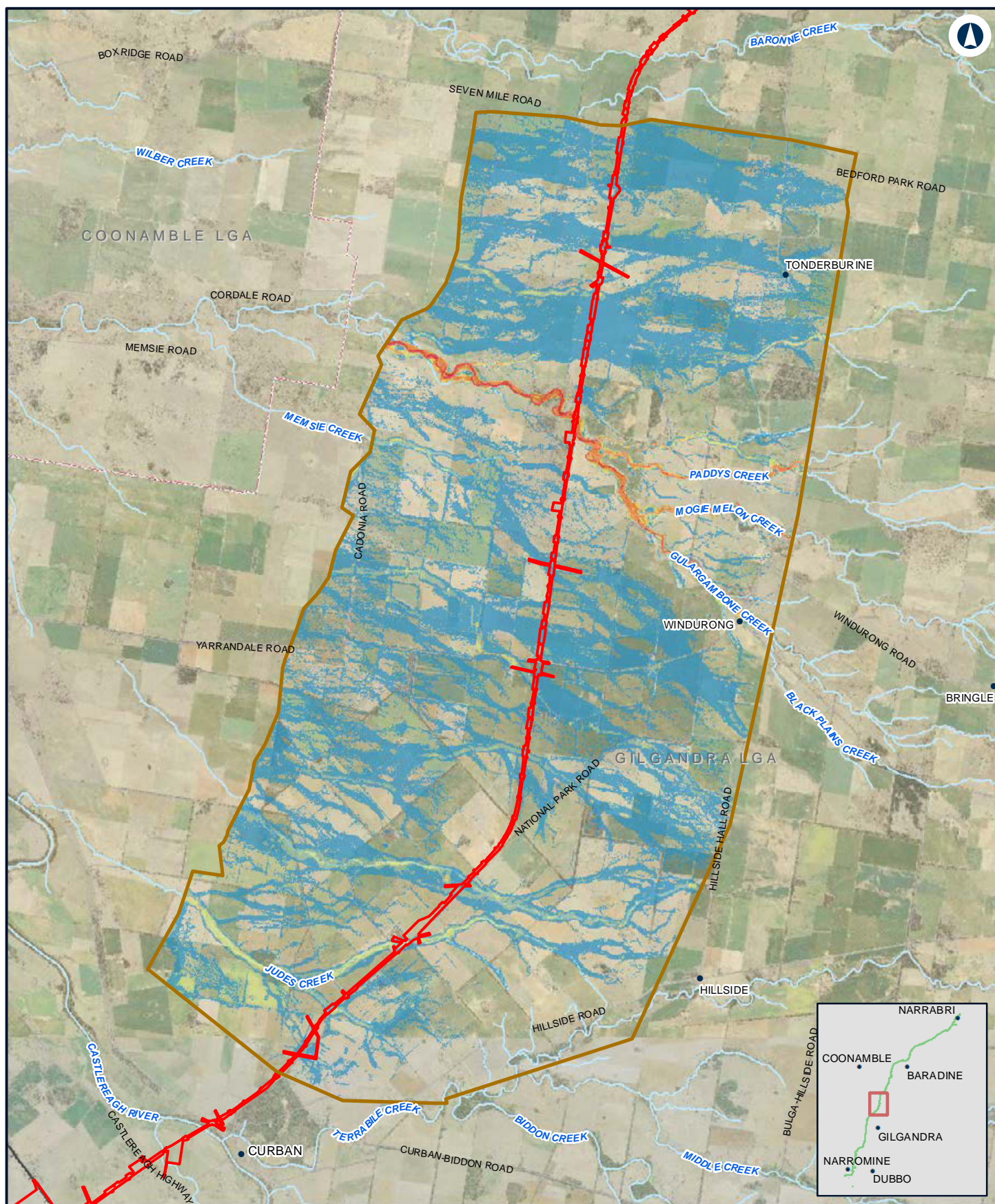
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N10

Appendix D - Figure 4.3e

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

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

LEGEND

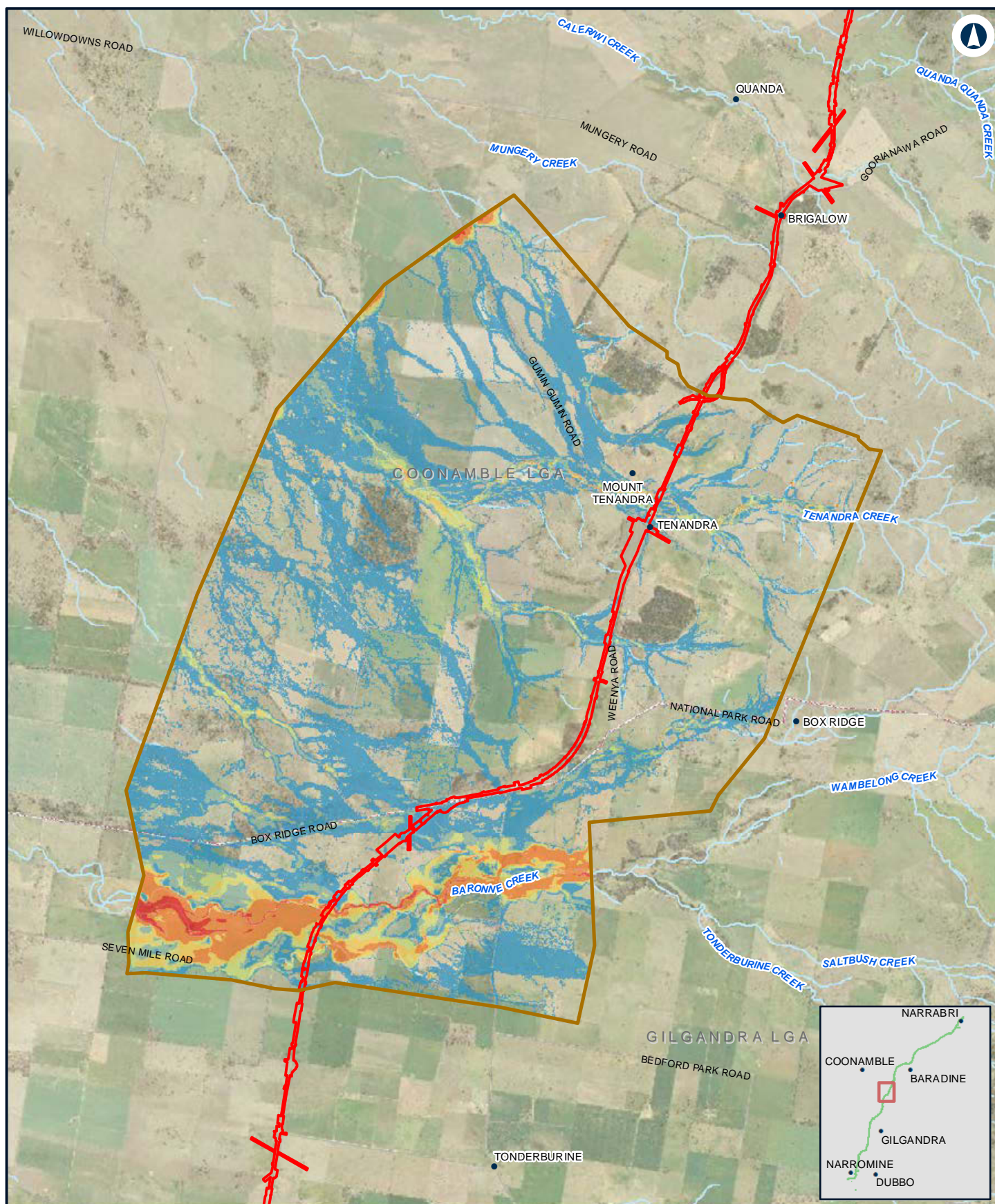
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N9

Appendix D - Figure 4.3f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
Author: JacobsGHD Scale: 1:110,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

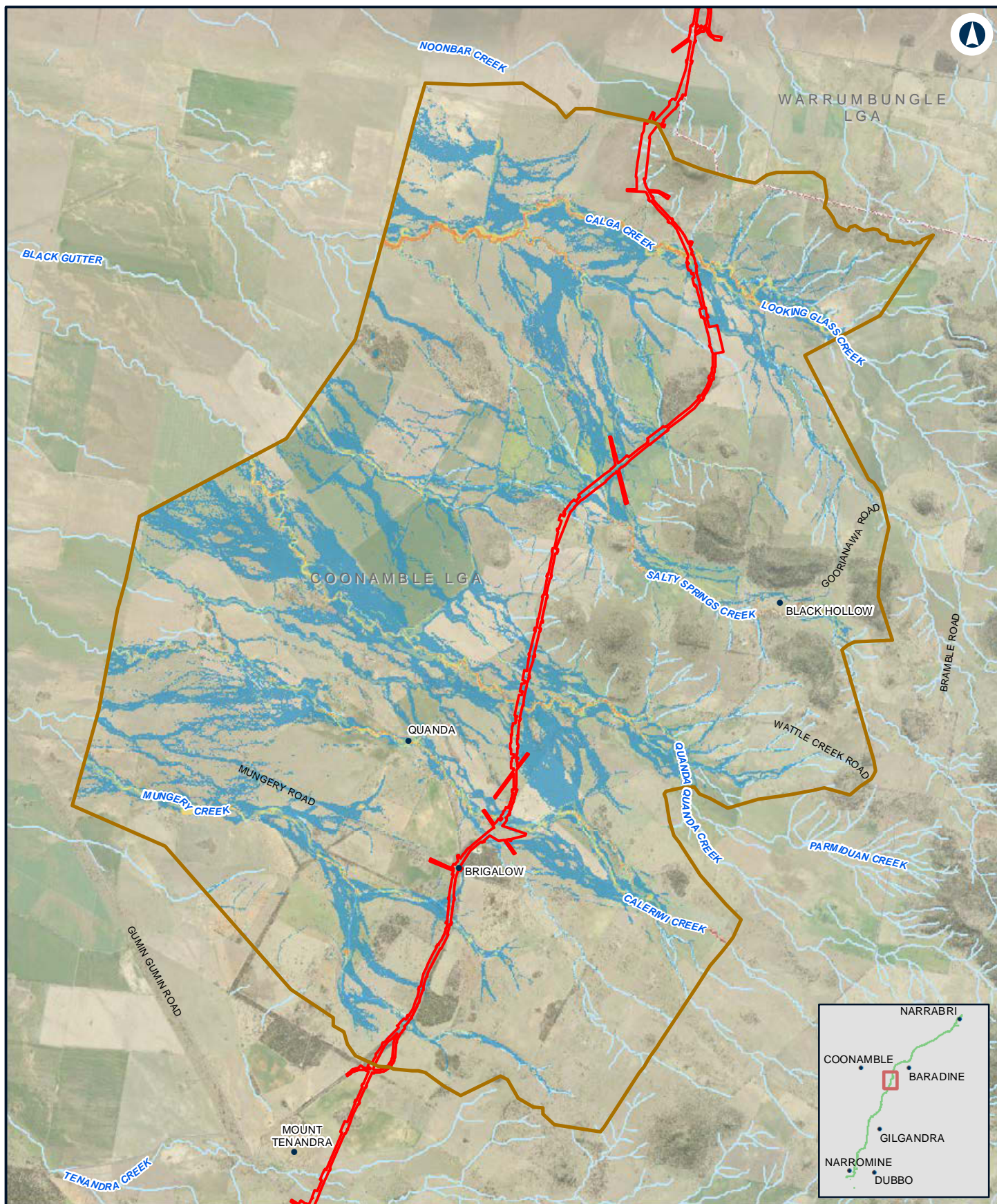
- The proposal site
- Model boundary

Flood hazard

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N8

Appendix D - Figure 4.3g

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
Author: JacobsGHD Scale: 1:100,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

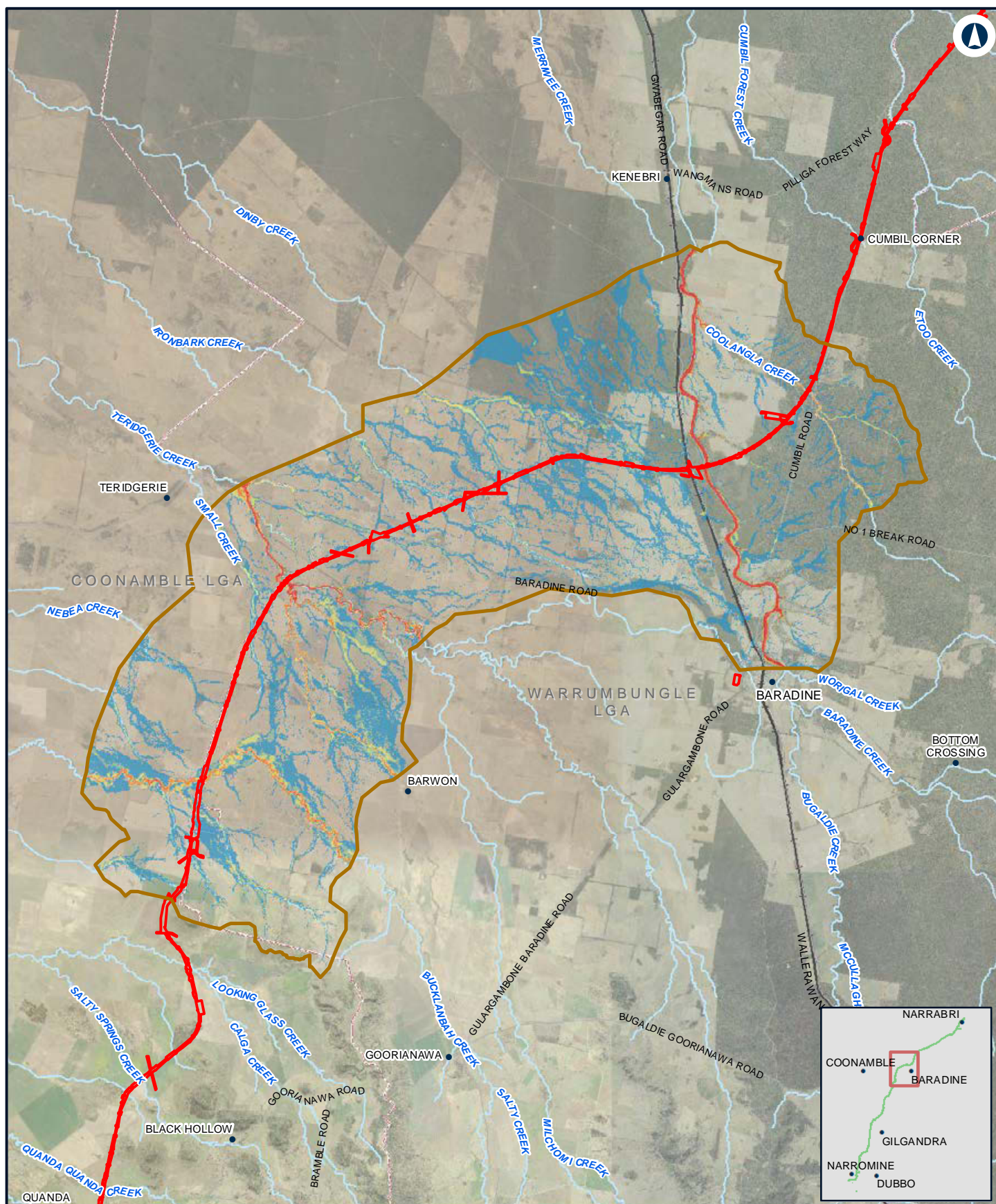
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N7

Appendix D - Figure 4.3h

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
Author: JacobsGHD Scale: 1:200,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

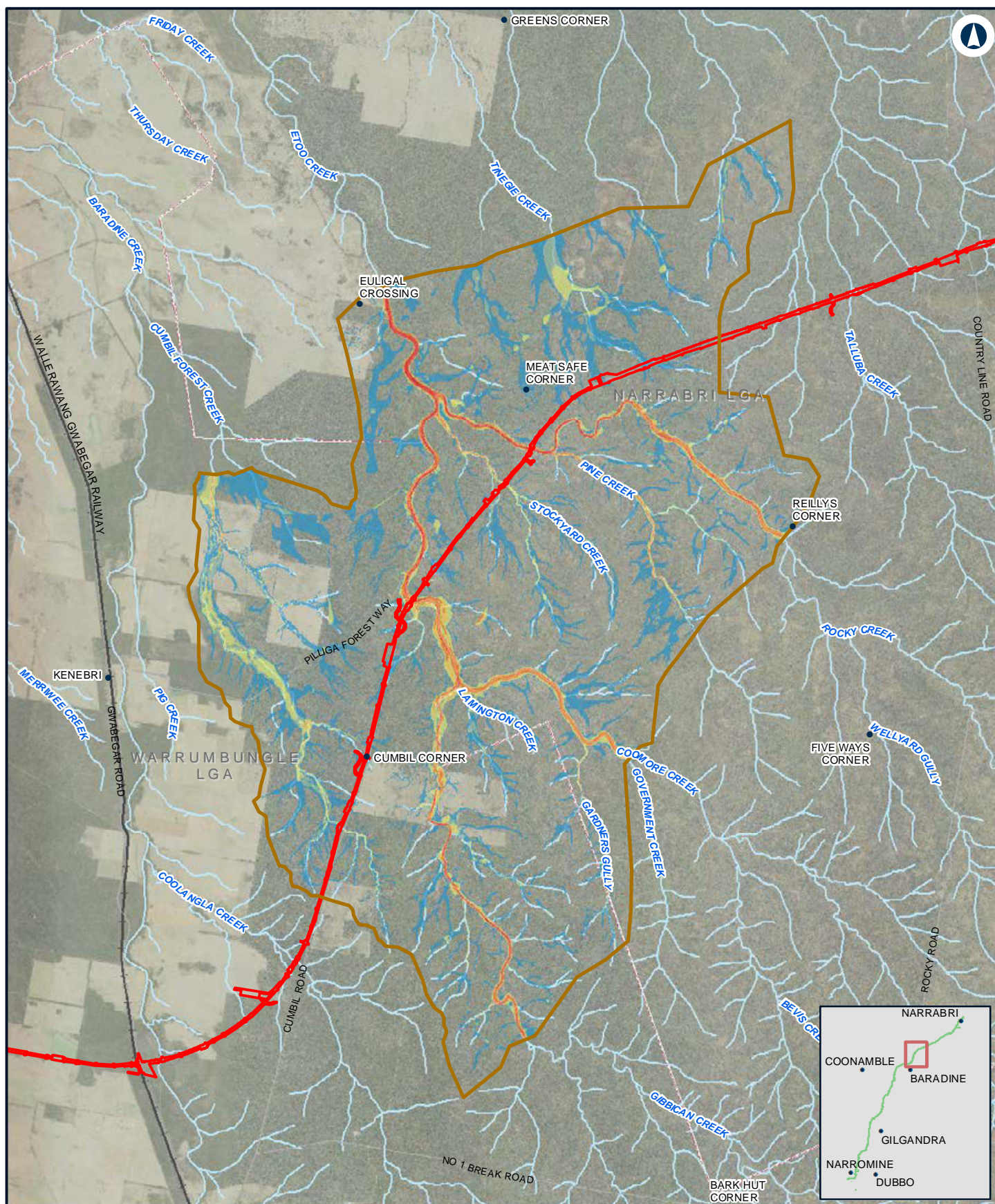
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N6

Appendix D - Figure 4.3i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Scale: 1:150,000

LEGEND

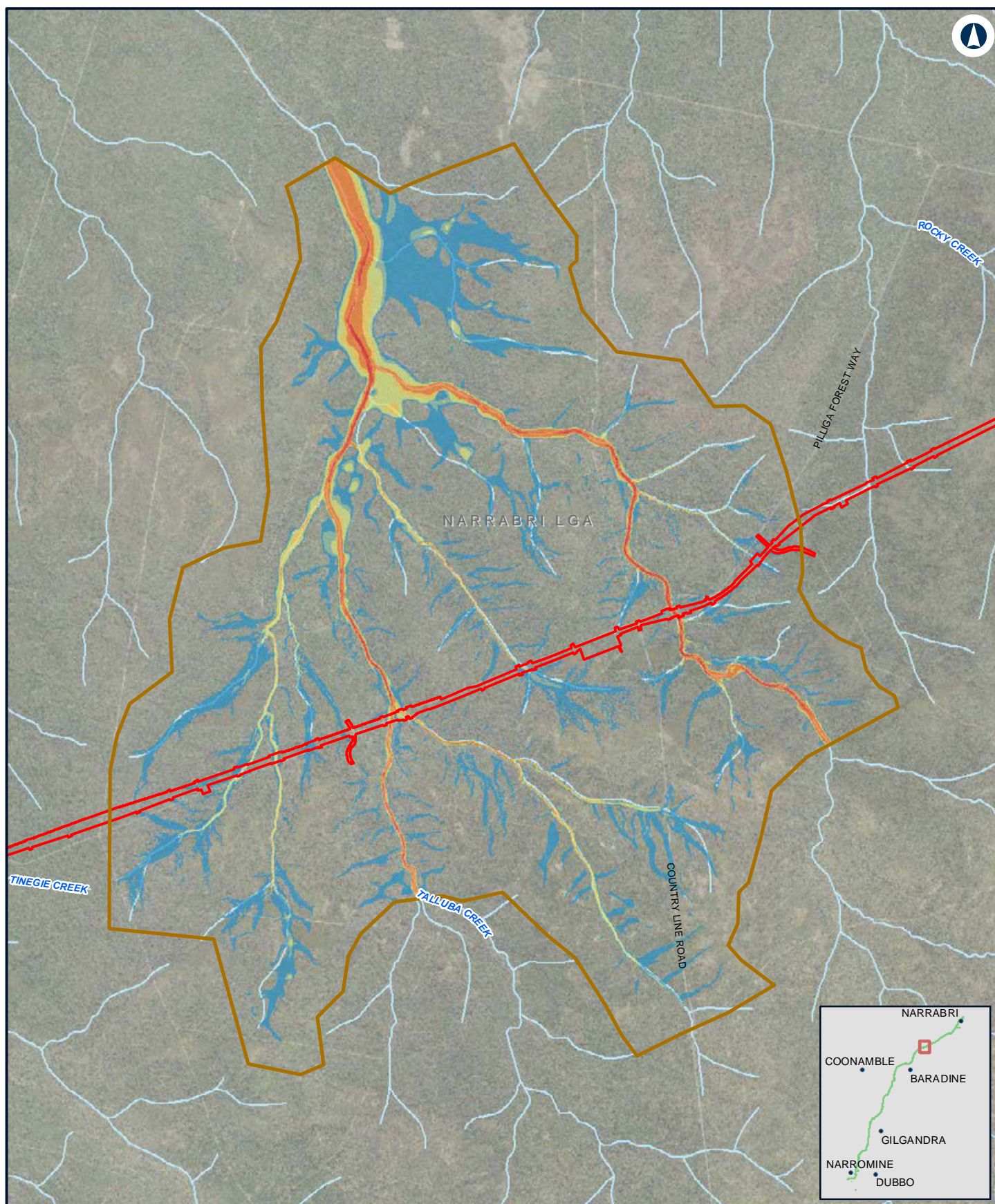
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N5

Appendix D - Figure 4.3j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD
Scale: 1:70,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

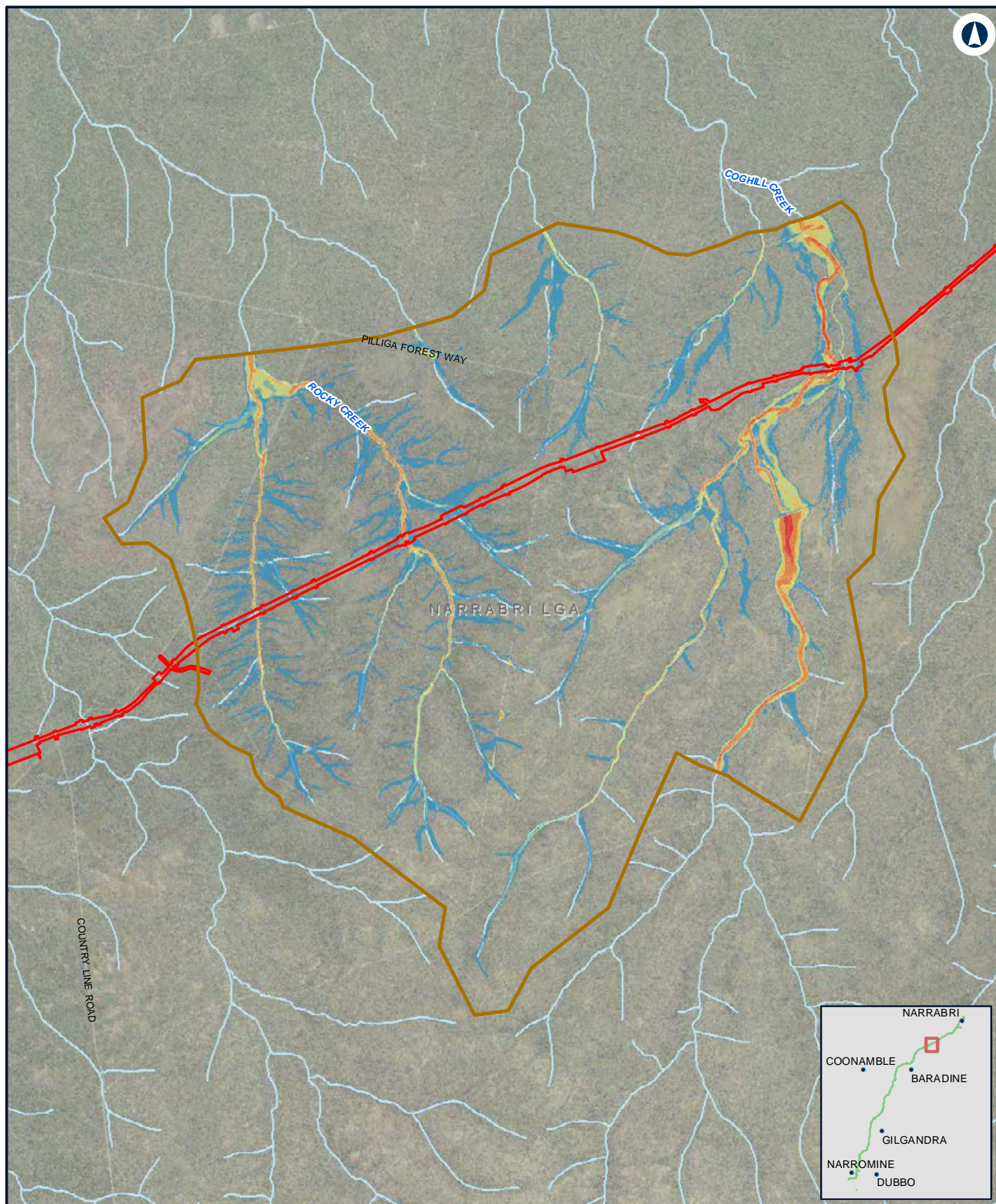
- The proposal site
- Model boundary

Flood hazard

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N4

Appendix D - Figure 4.3k

0 1 2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
Author: JacobsGHD Scale: 1:80,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

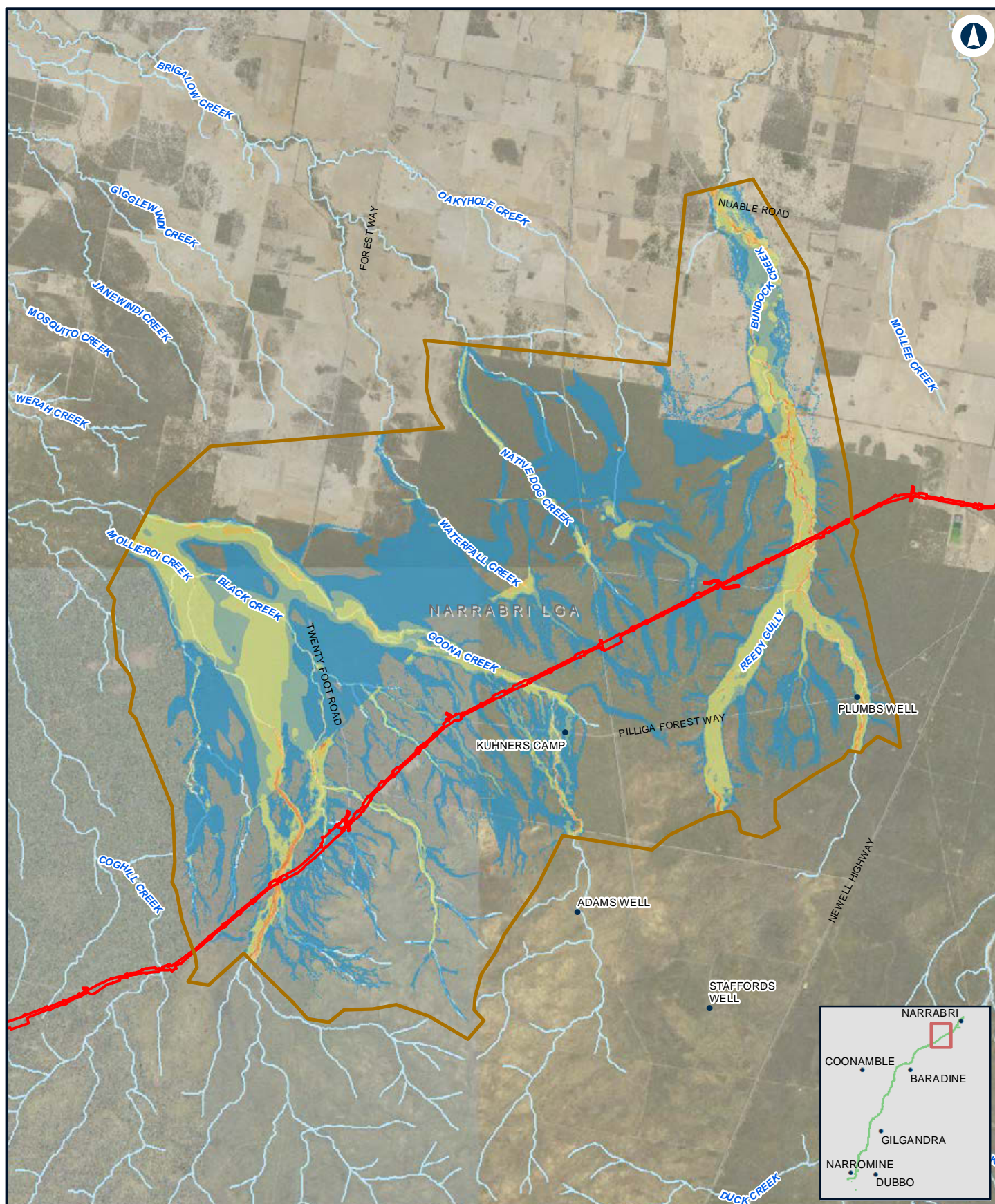
- The proposal site
- Model boundary

Flood hazard

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

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N23

Appendix D - Figure 4.3I

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
Author: JacobsGHD Scale: 1:140,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

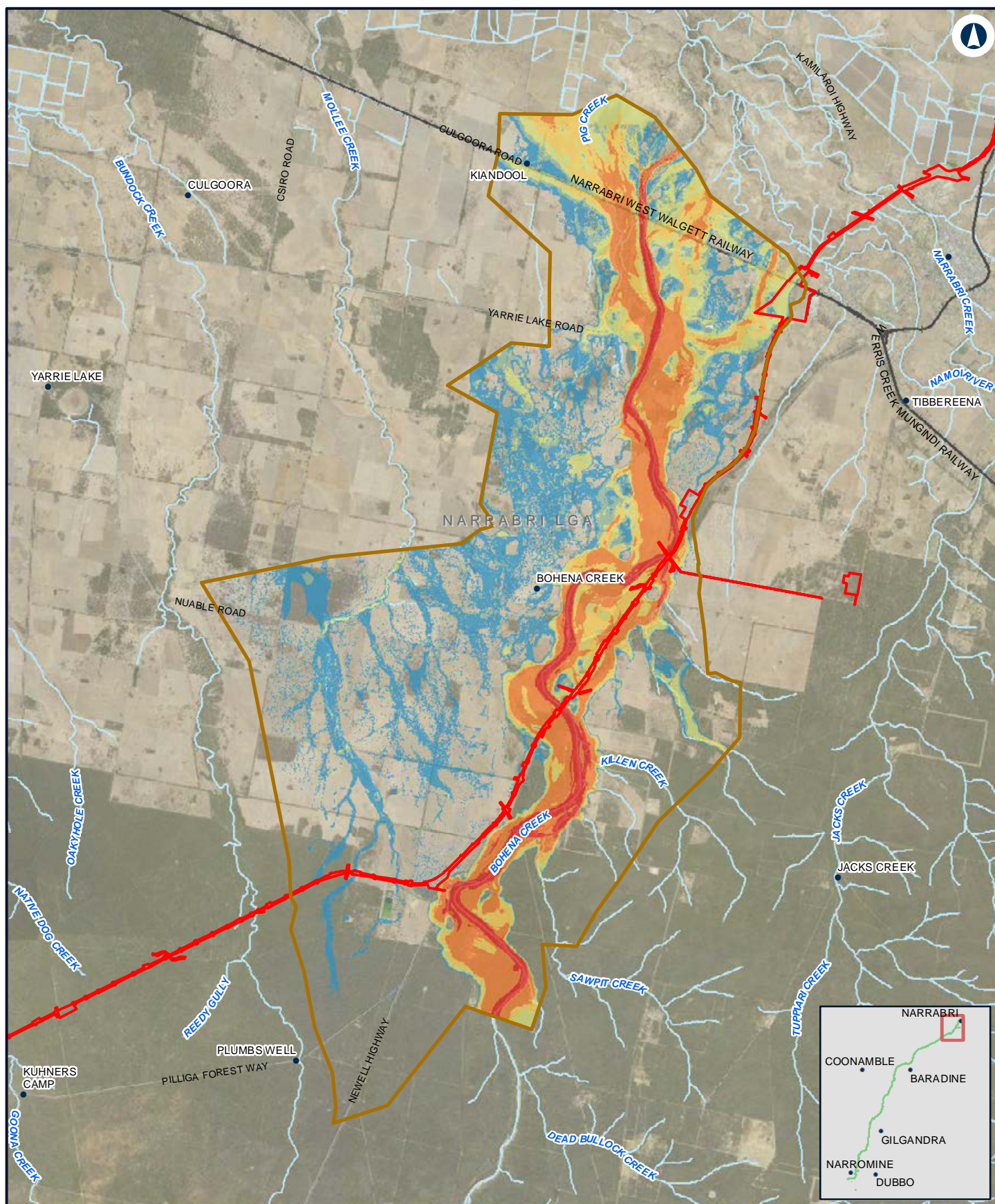
- The proposal site
- Model boundary

Flood hazard

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

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NARROMINE TO NARRABRI

Existing flood hazard - 2% AEP - N2N1

Appendix D - Figure 4.3m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD
Scale: 1:150,000
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

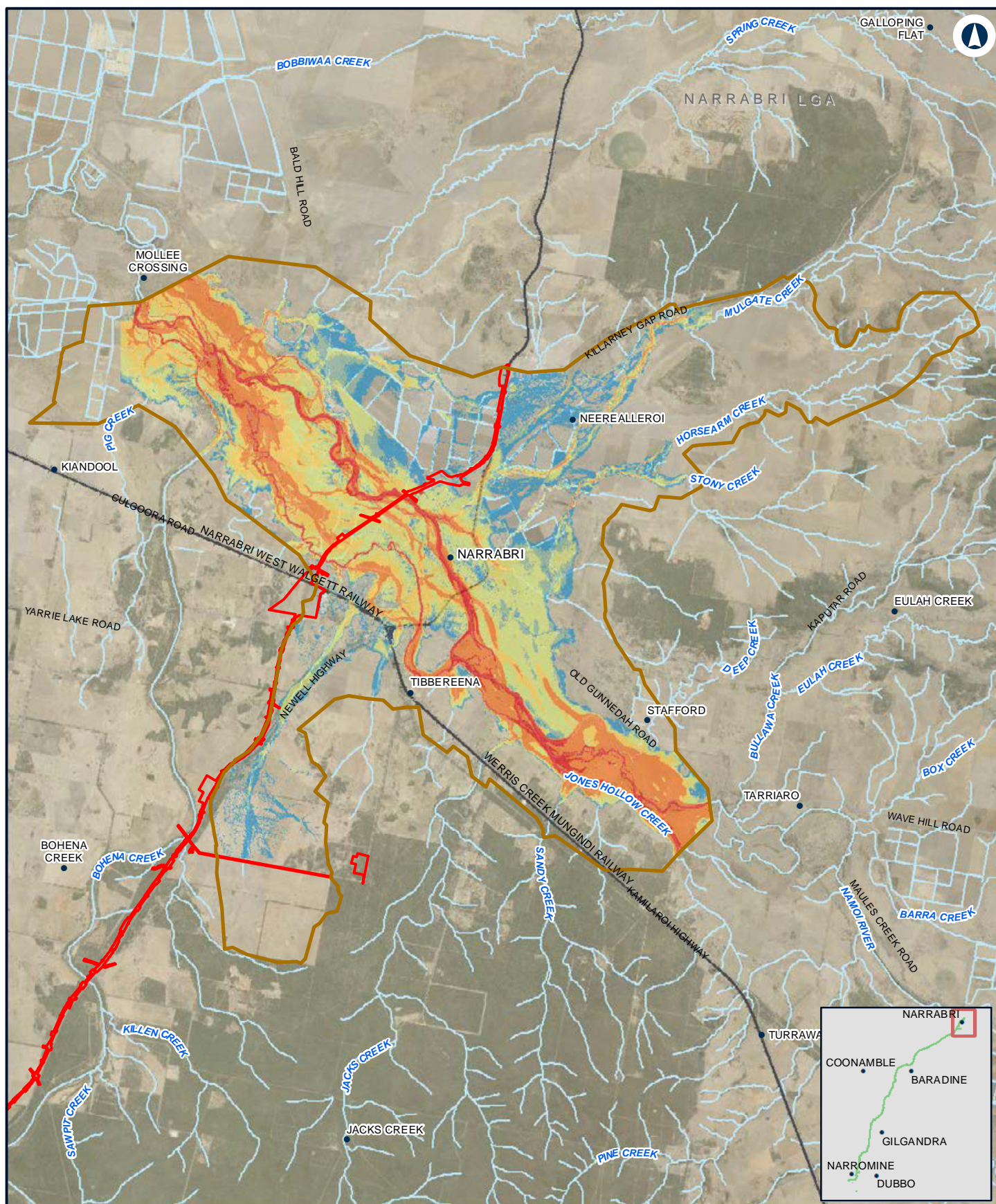
- The proposal site
- Model boundary

Flood hazard

- 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 - 2% AEP - Narrabri

Appendix D - Figure 4.3n

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Paper: A4
Scale: 1:160,000

LEGEND

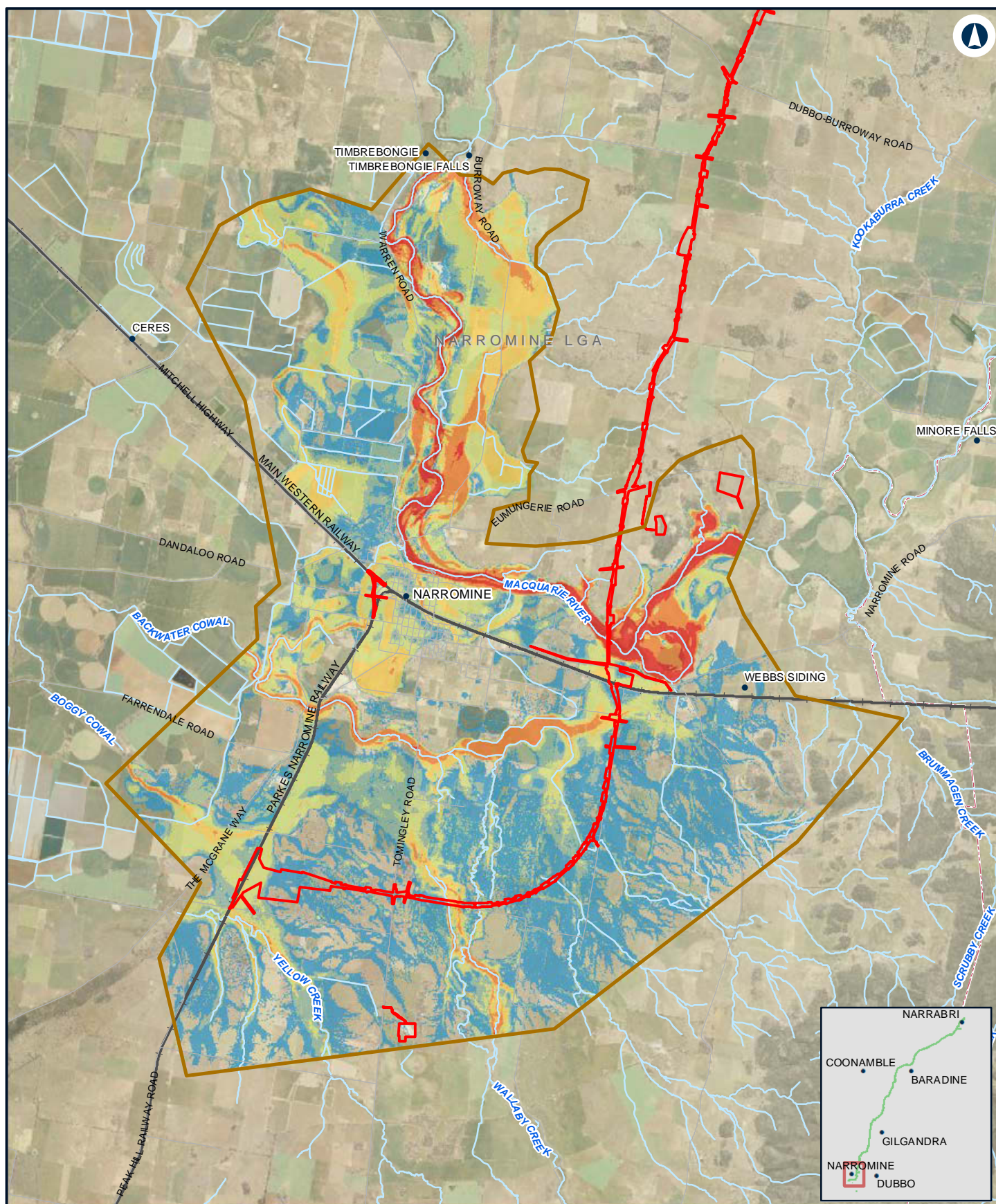
- The proposal site
- Model boundary

Flood hazard

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

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - NFM

Appendix D - Figure 4.4a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

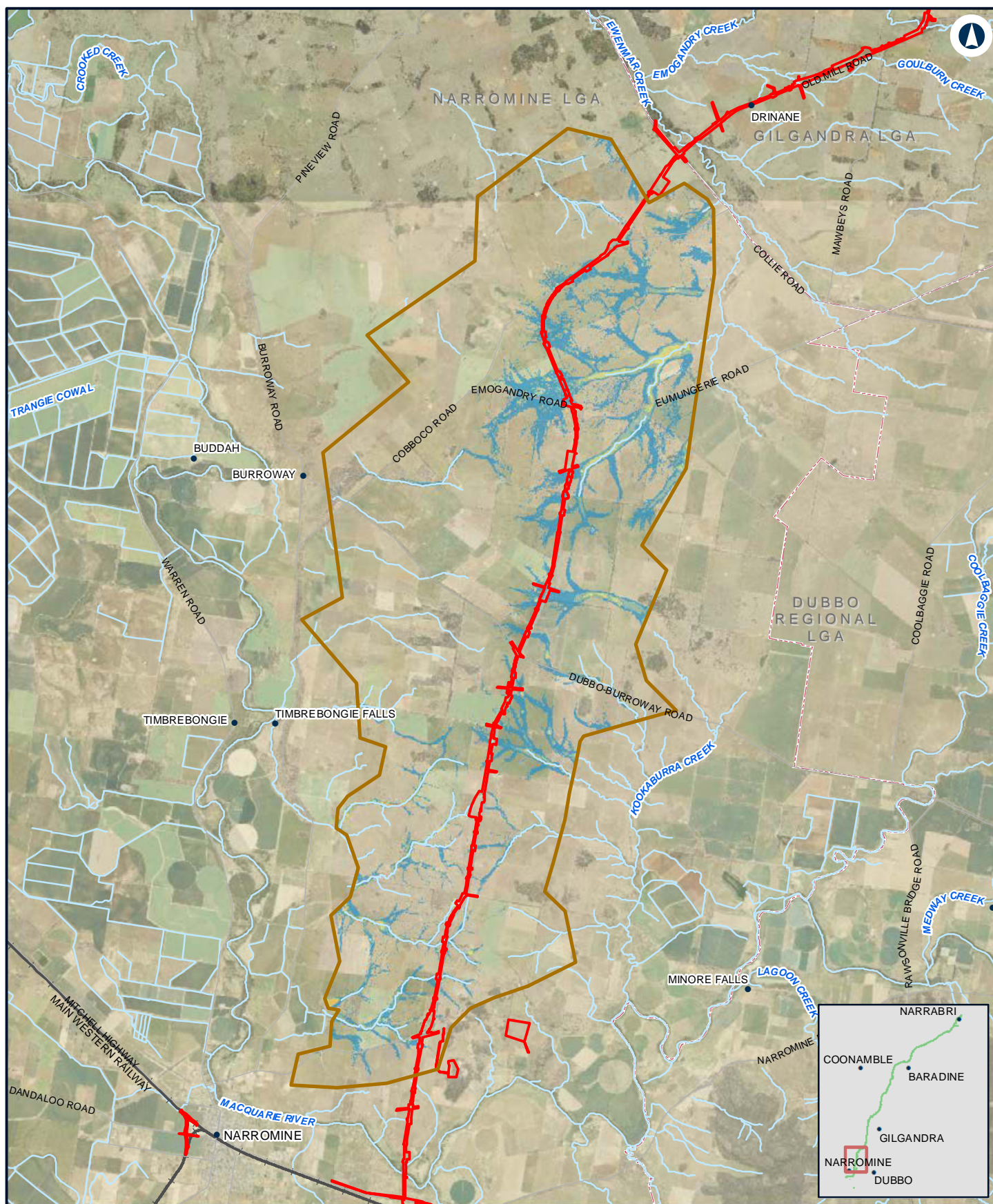
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N14

Appendix D - Figure 4.4b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

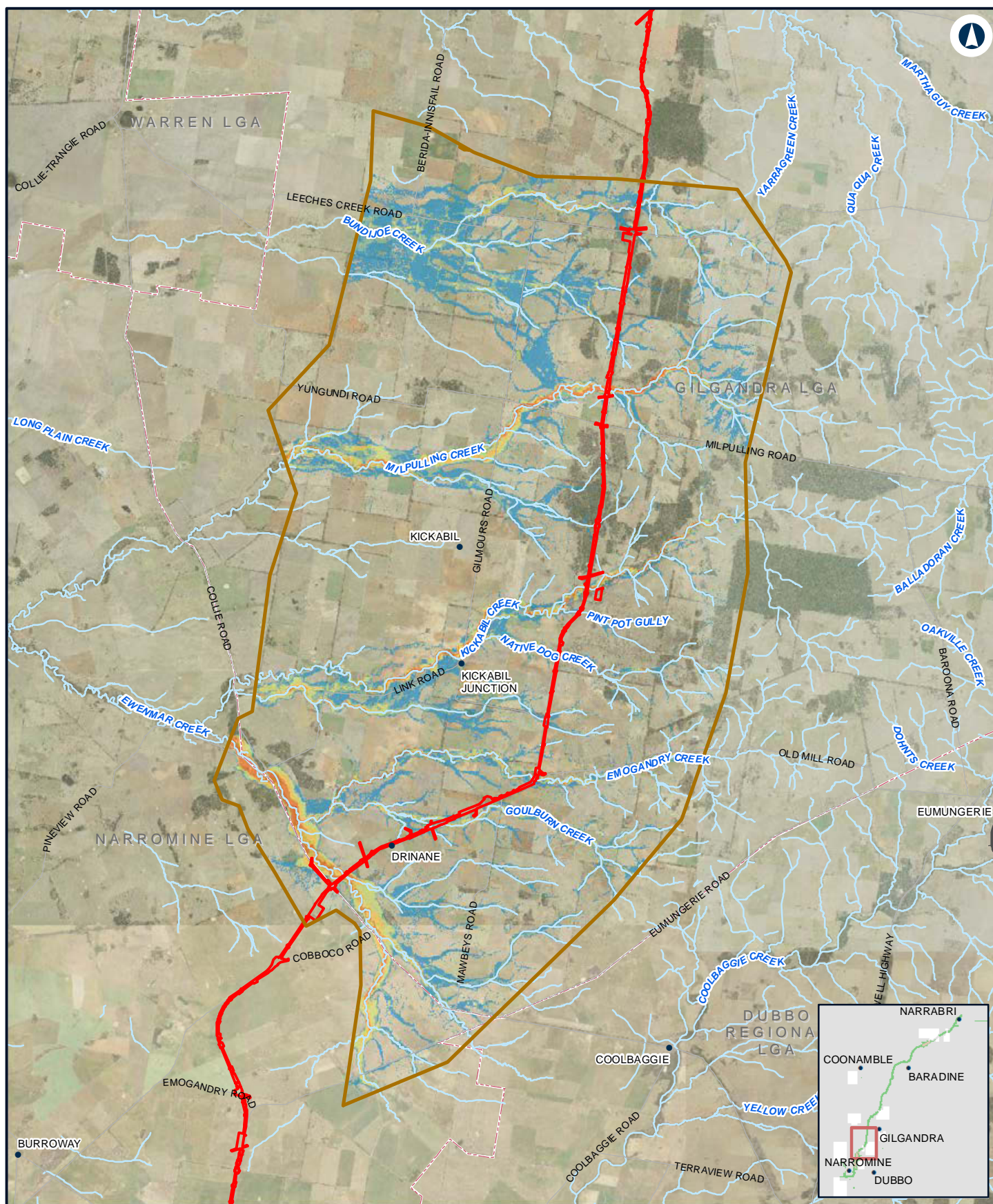
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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- Model boundary
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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N13

Appendix D - Figure 4.4c

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:180,000

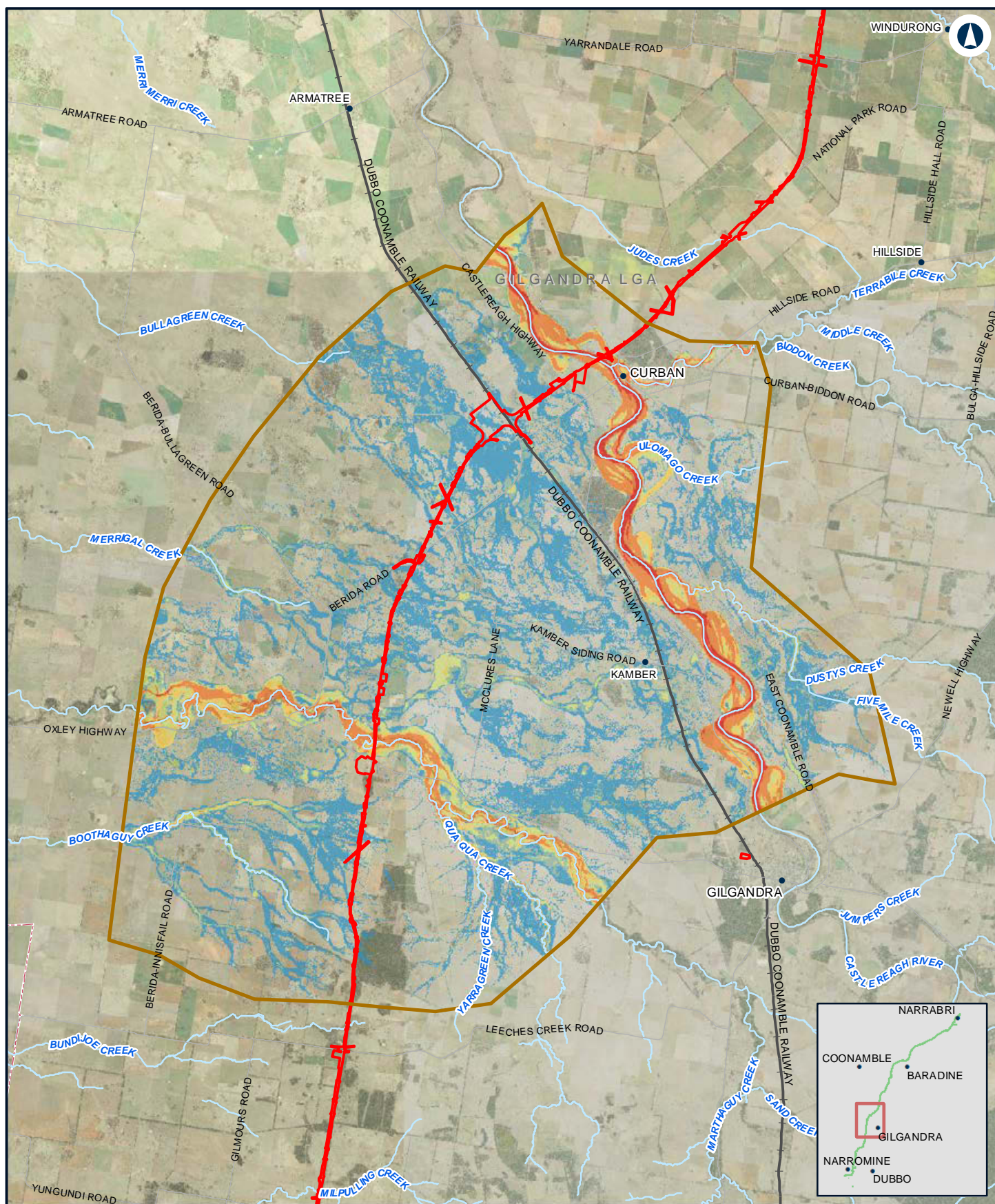
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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- Model boundary
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Narromine to Narrabri

Existing flood hazard - 1% AEP - N2N11N12

Appendix D - Figure 4.4d

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Author: JacobsGHD

Scale: 1:200,000

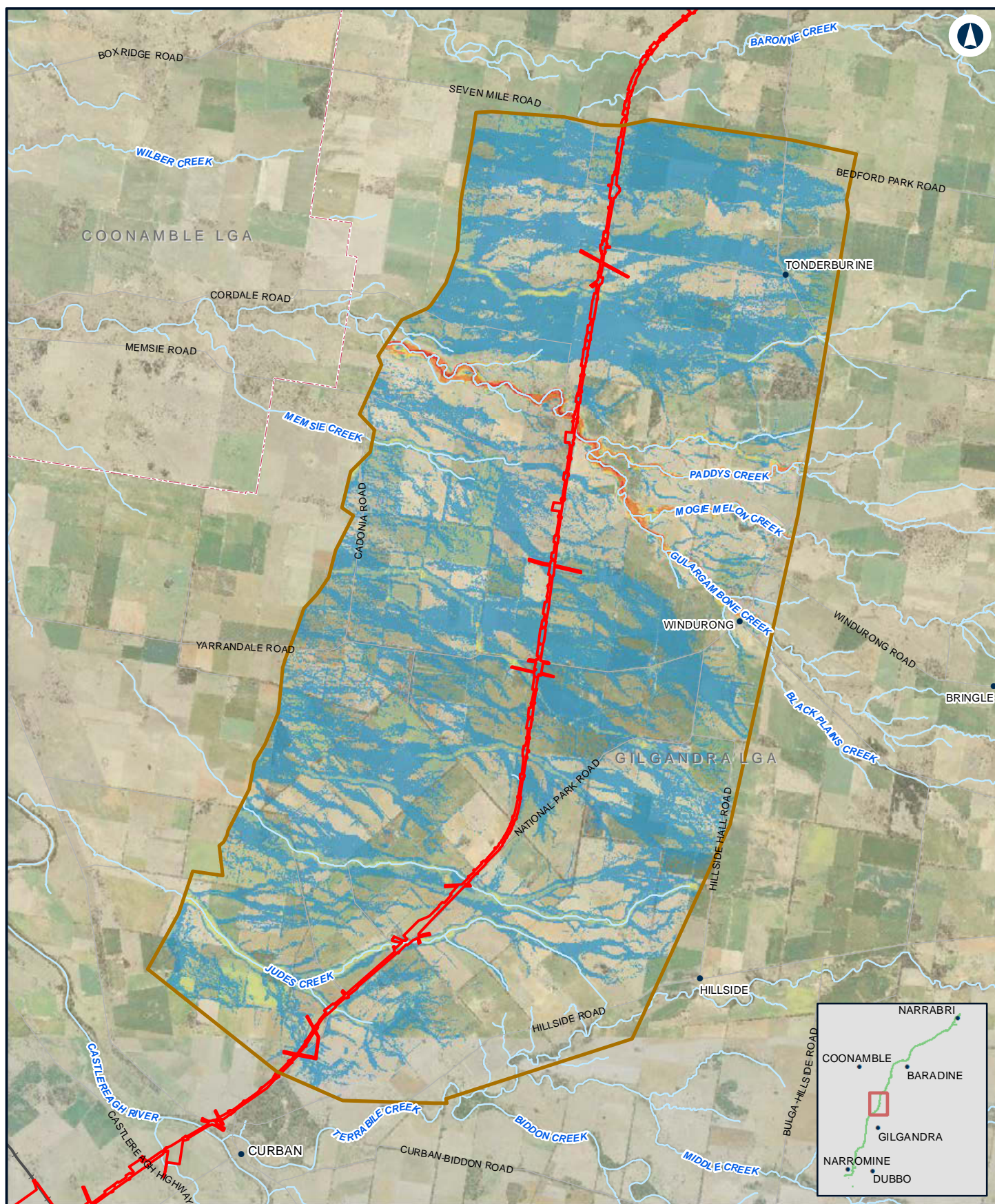
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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- Model boundary
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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N10

Appendix D - Figure 4.4e

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:130,000

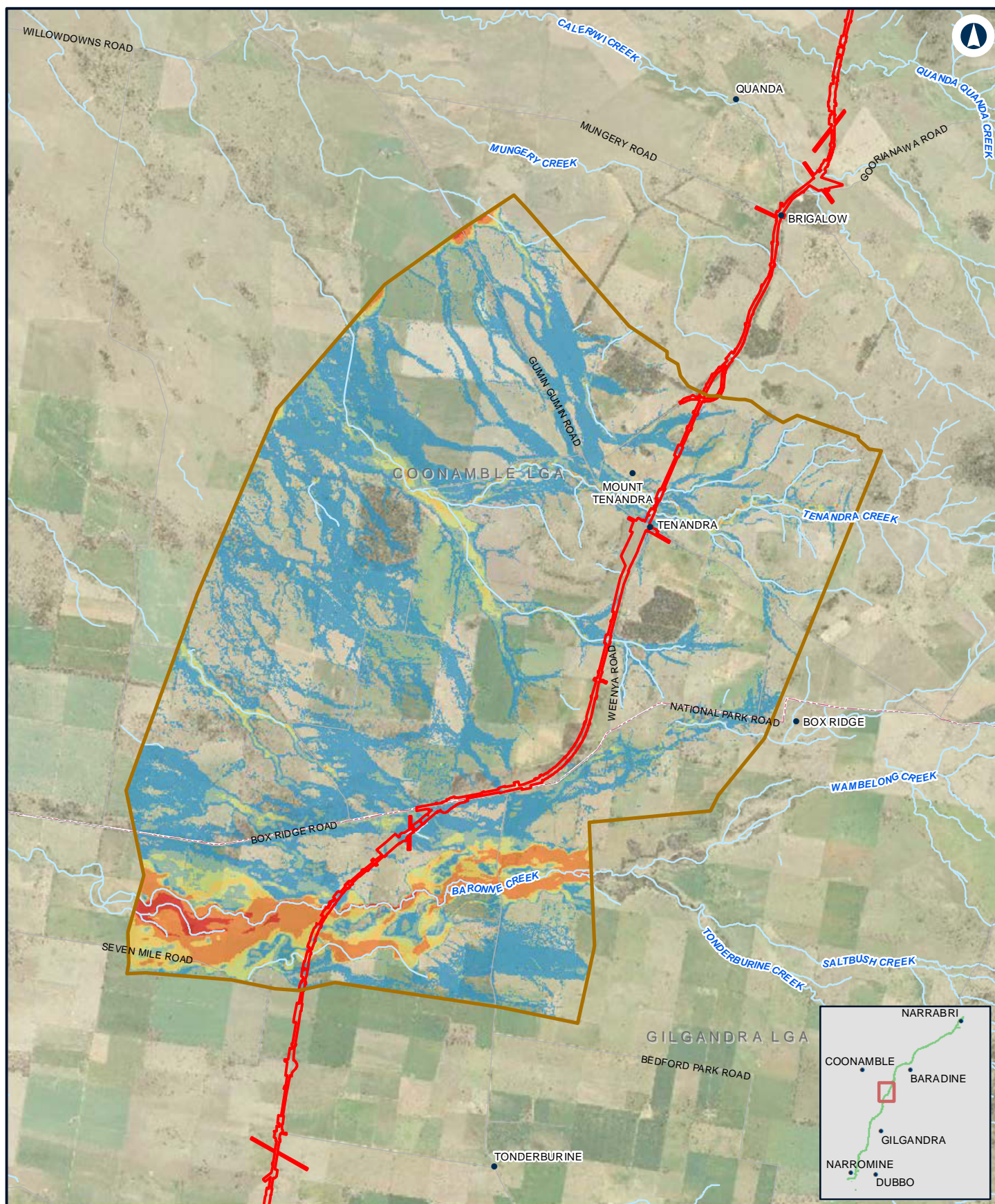
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N9

Appendix D - Figure 4.4f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

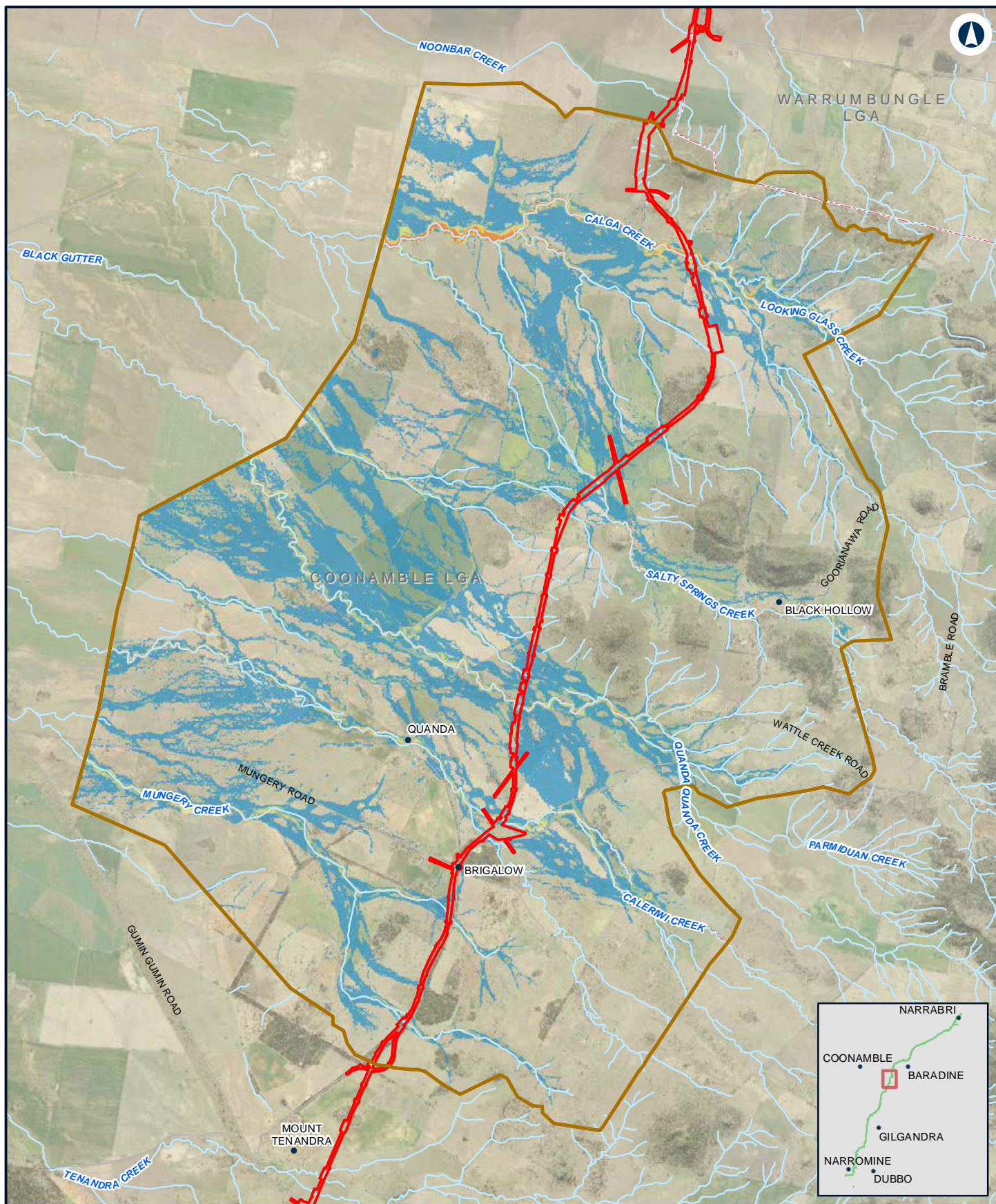
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N8

Appendix D - Figure 4.4g

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

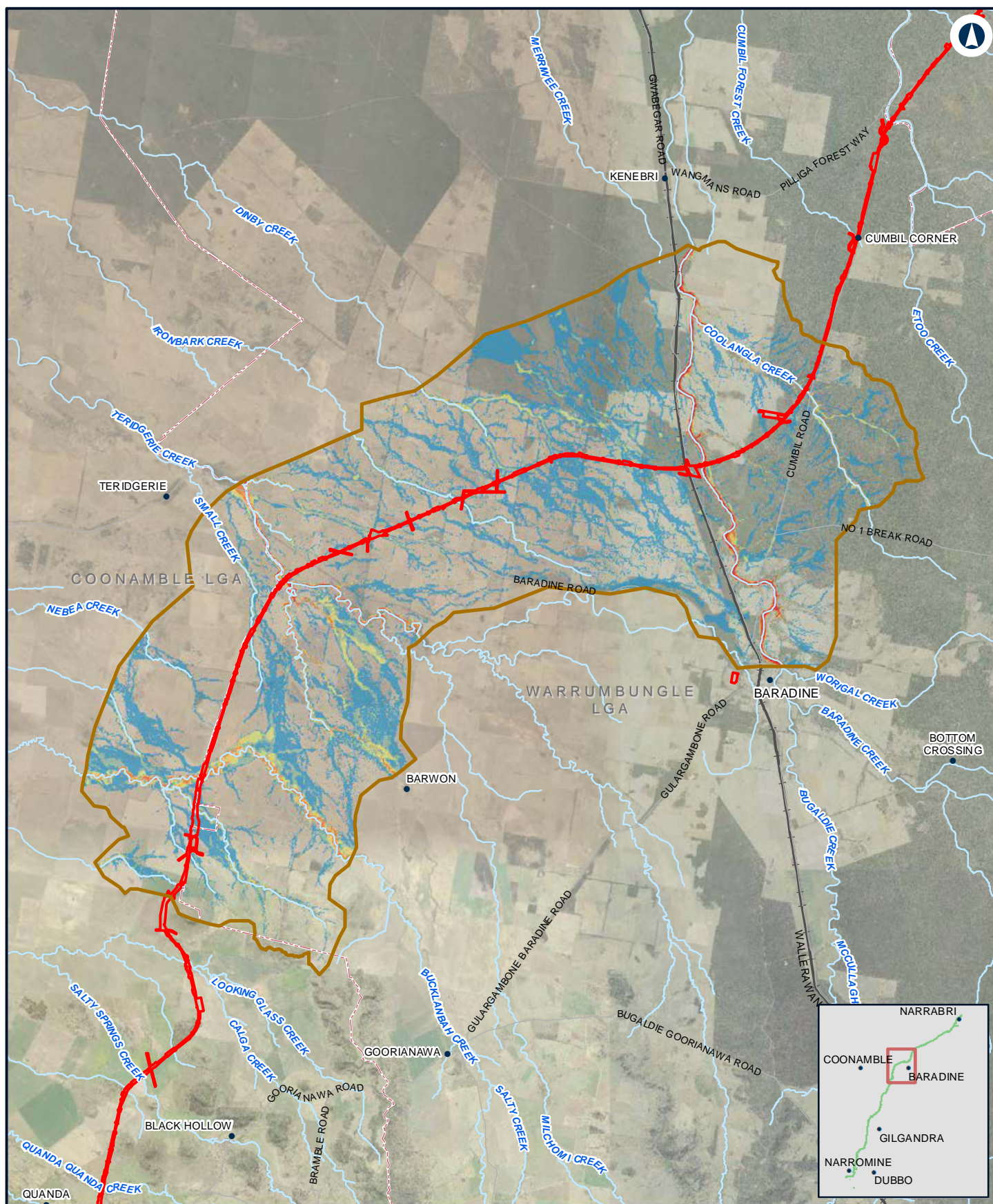
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N7

Appendix D - Figure 4.4h

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Author: JacobsGHD

Scale: 1:200,000

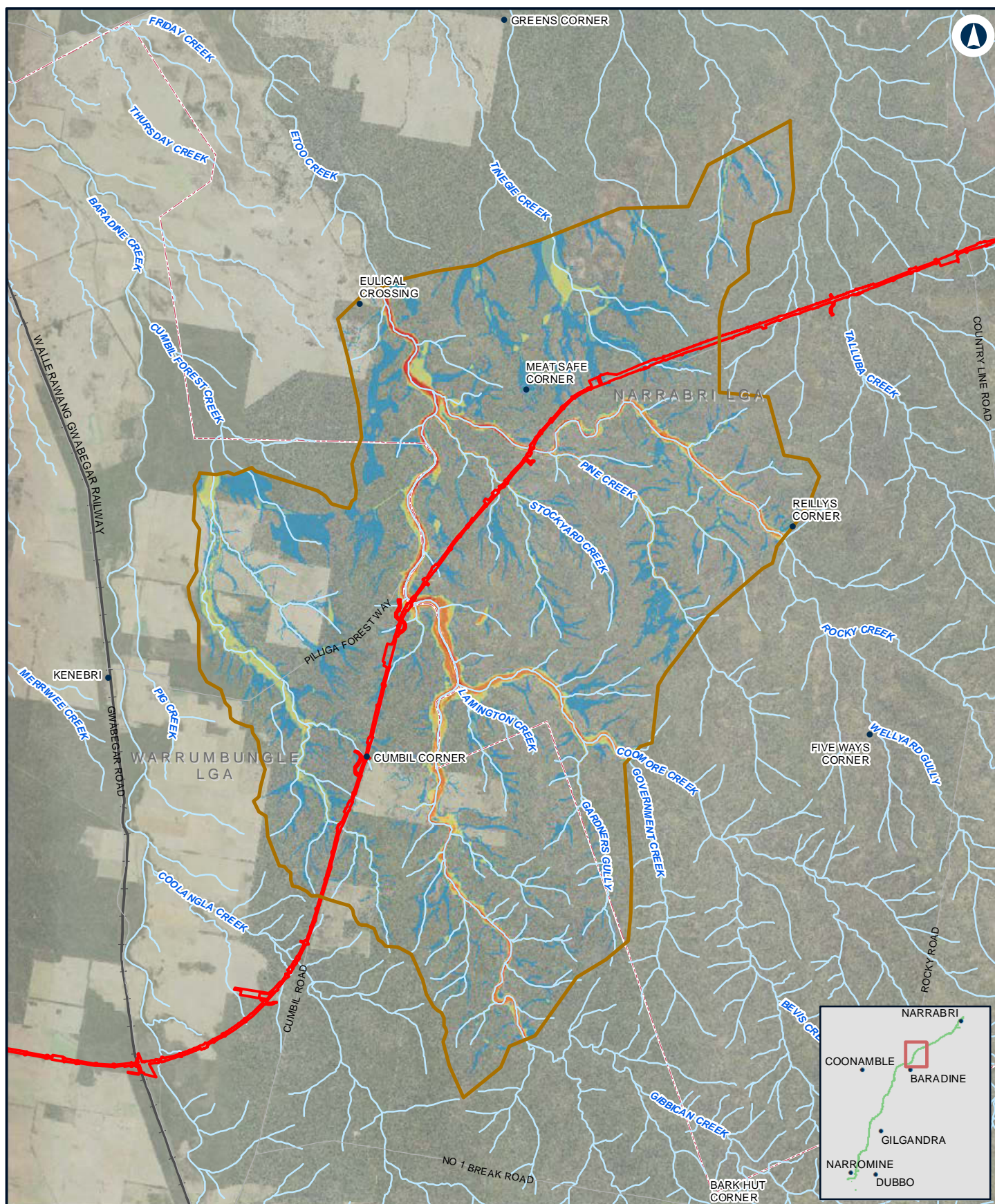
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N6

Appendix D - Figure 4.4i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

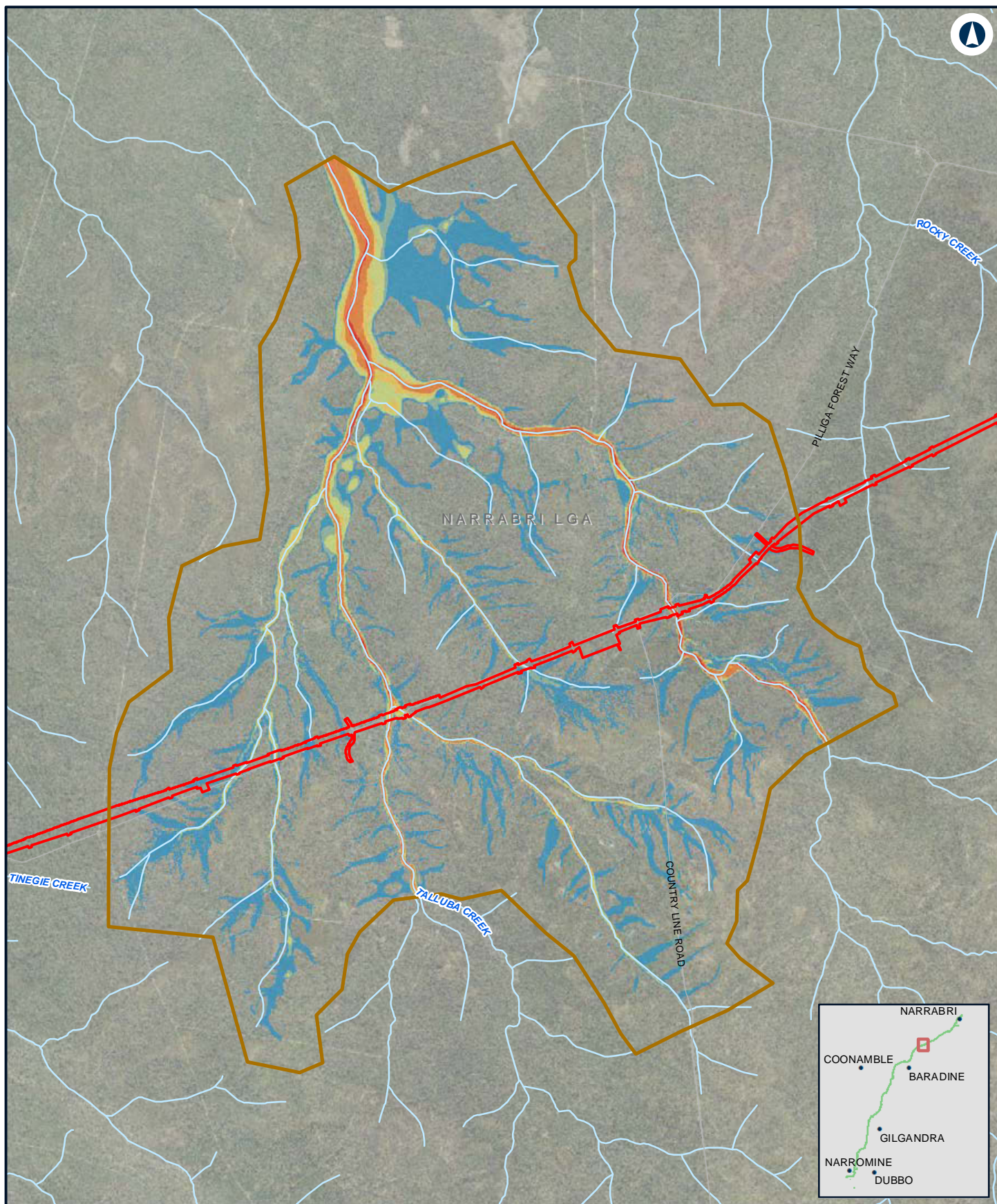
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N5

Appendix D - Figure 4.4j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

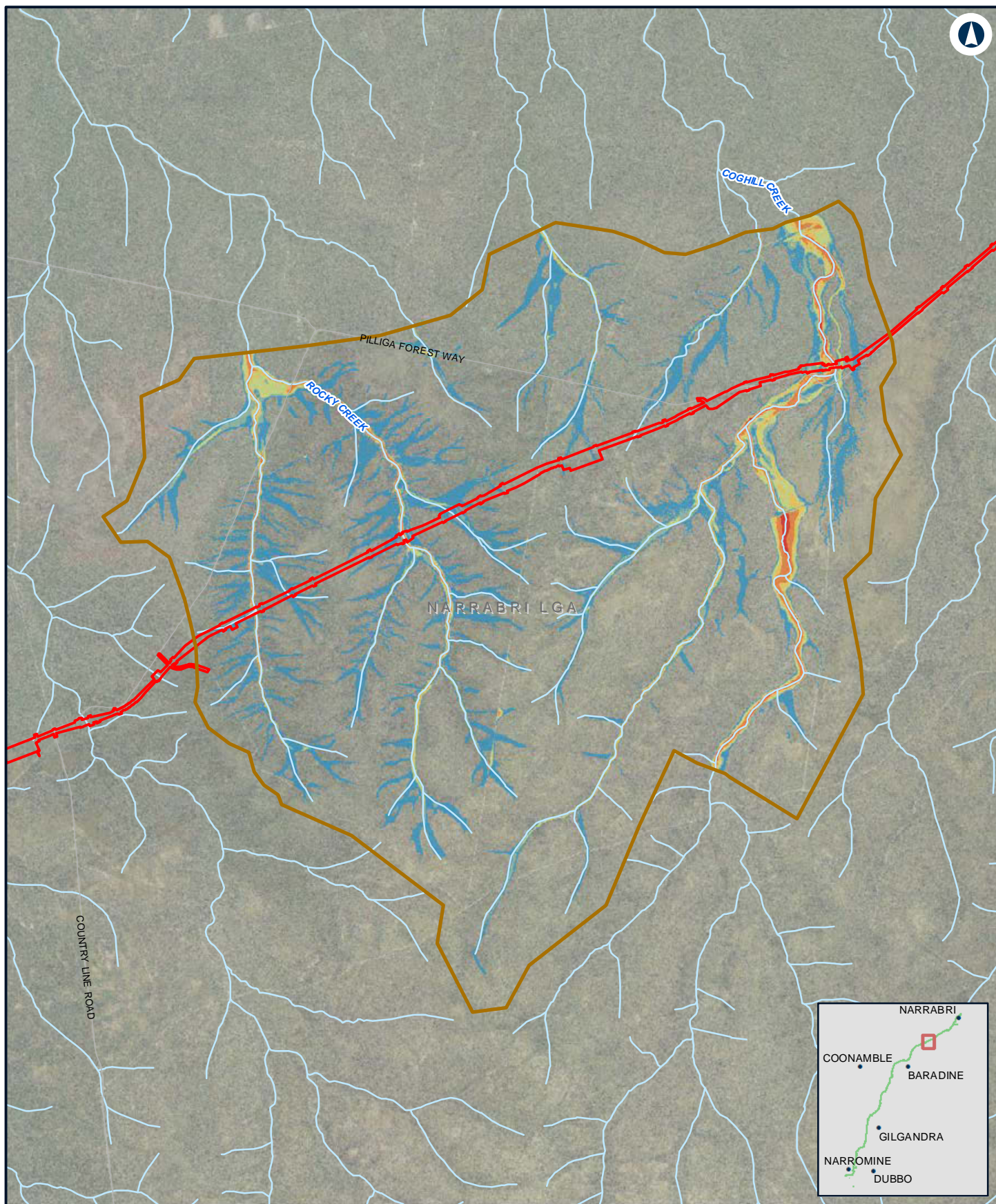
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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- Model boundary
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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N4

Appendix D - Figure 4.4k

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

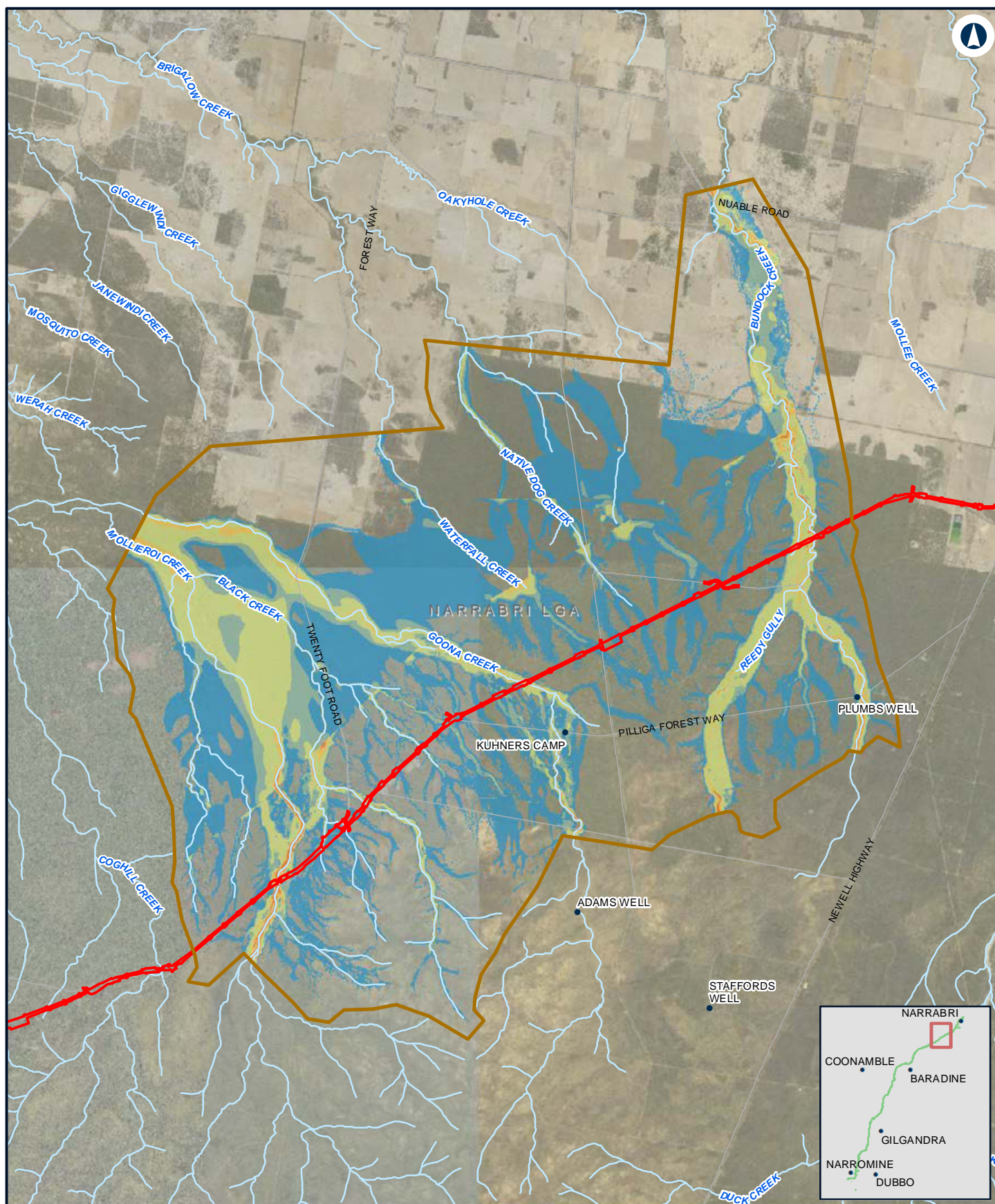
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N23

Appendix D - Figure 4.4I

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

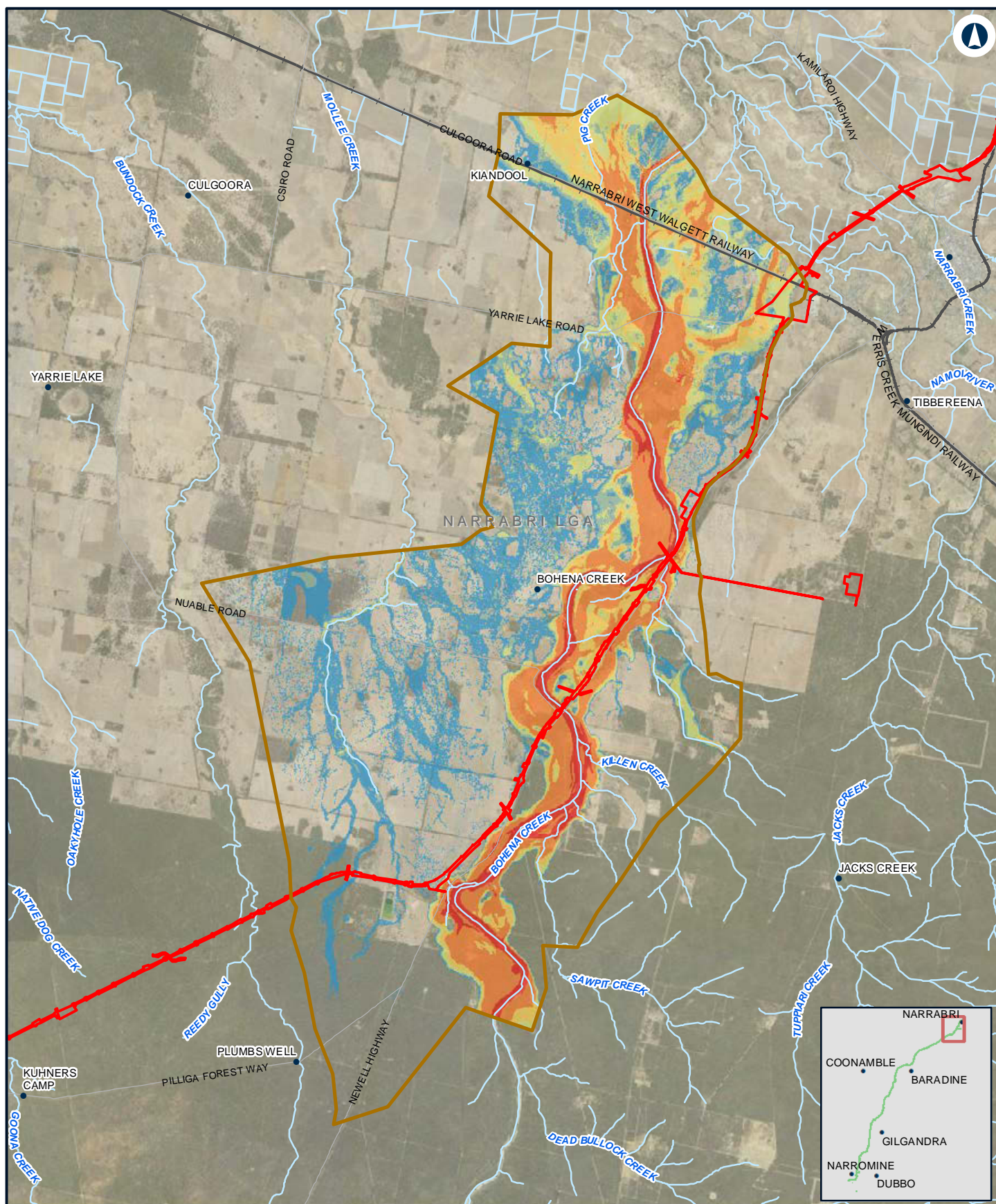
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP - N2N1

Appendix D - Figure 4.4m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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

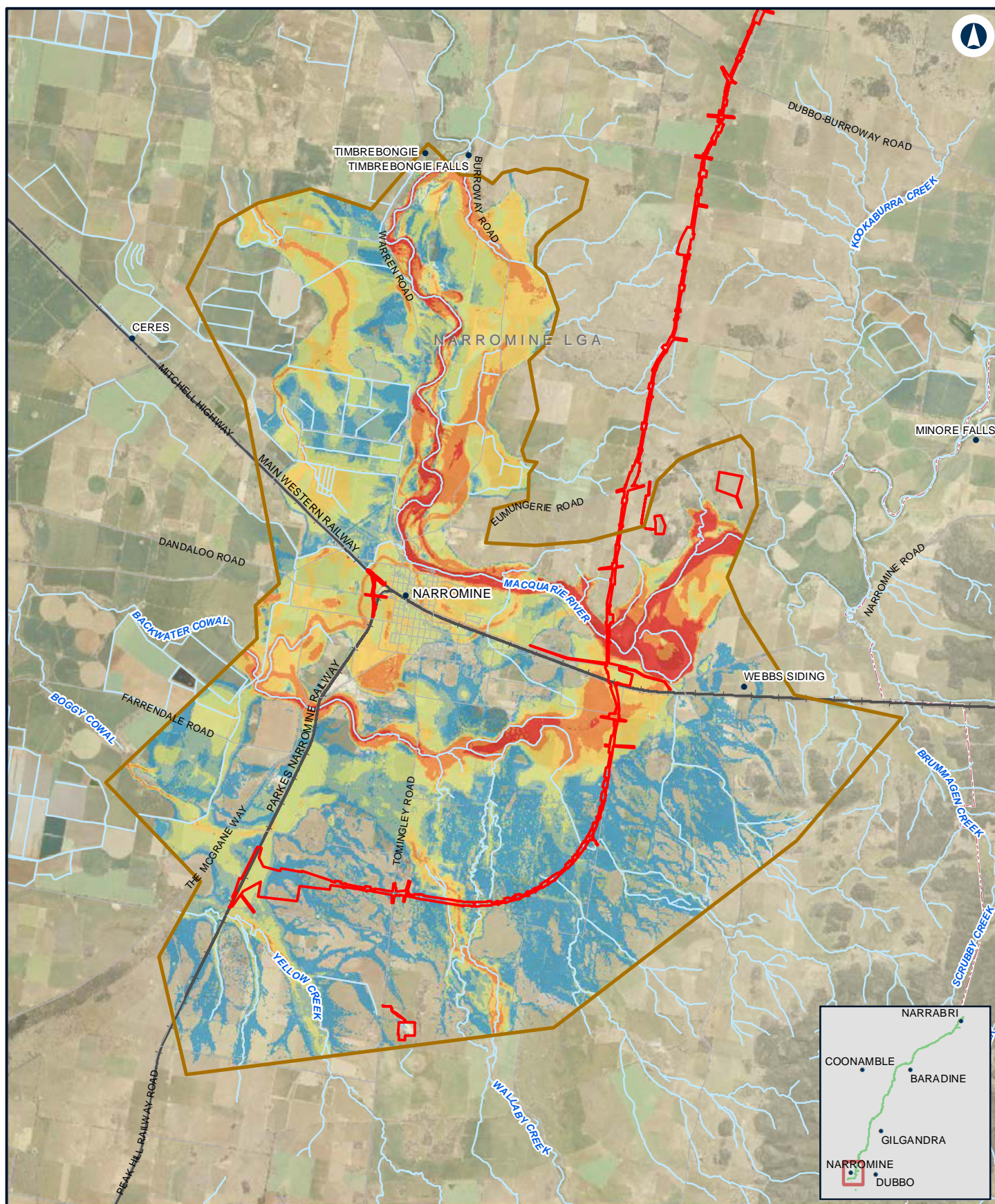
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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - NFM

Appendix D - Figure 4.5a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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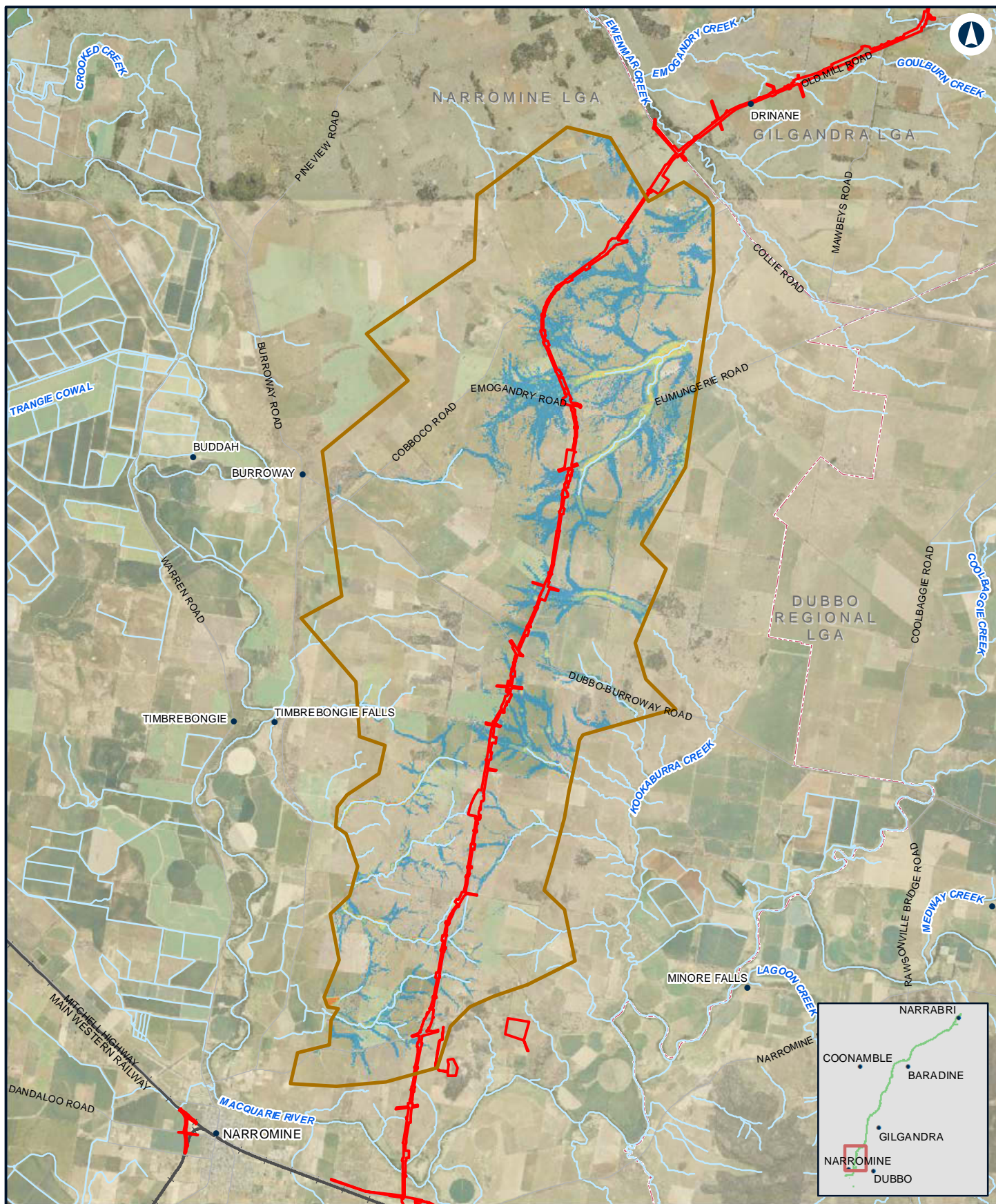
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LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N14

Appendix D - Figure 4.5b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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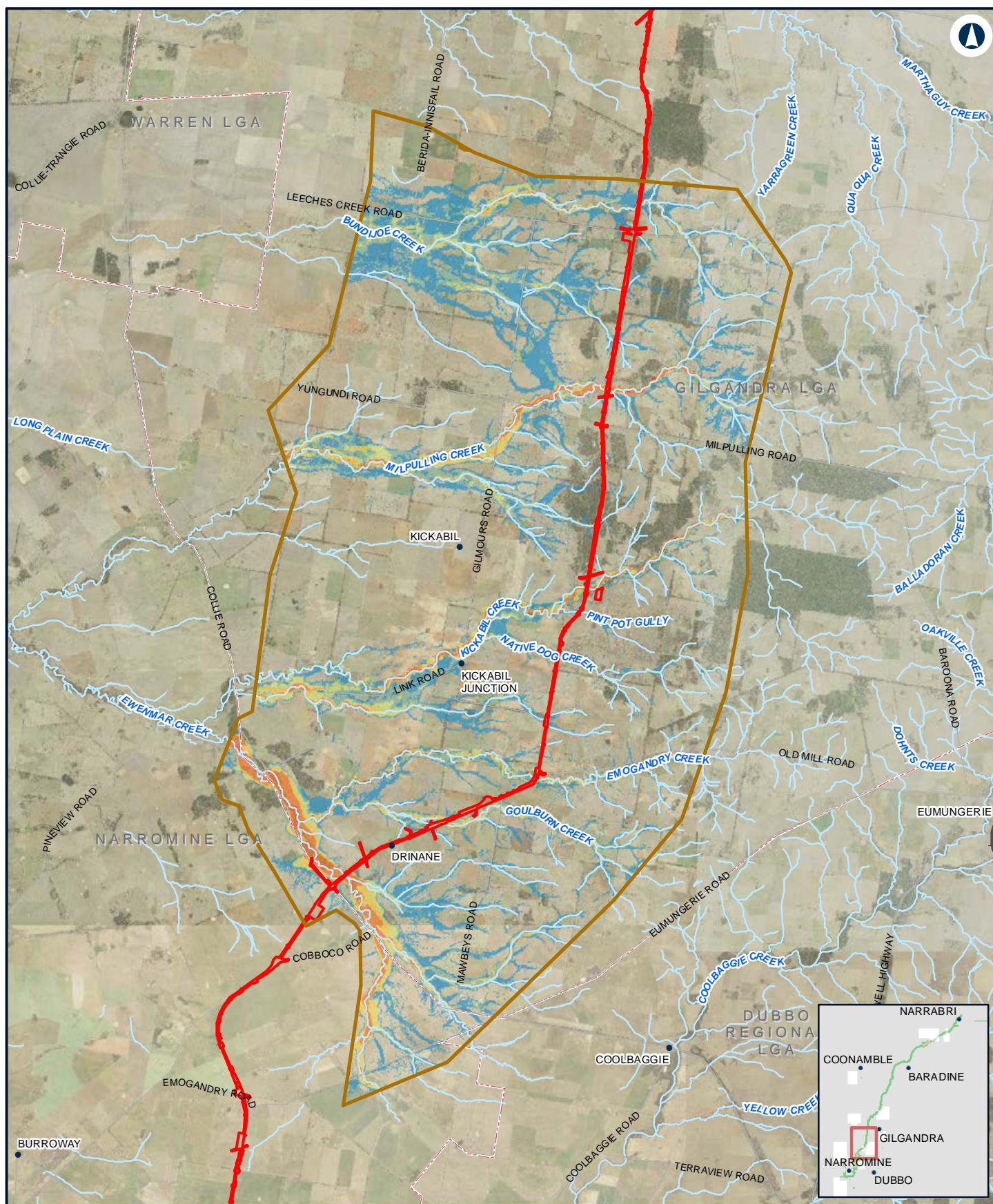
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N13

Appendix D - Figure 4.5c

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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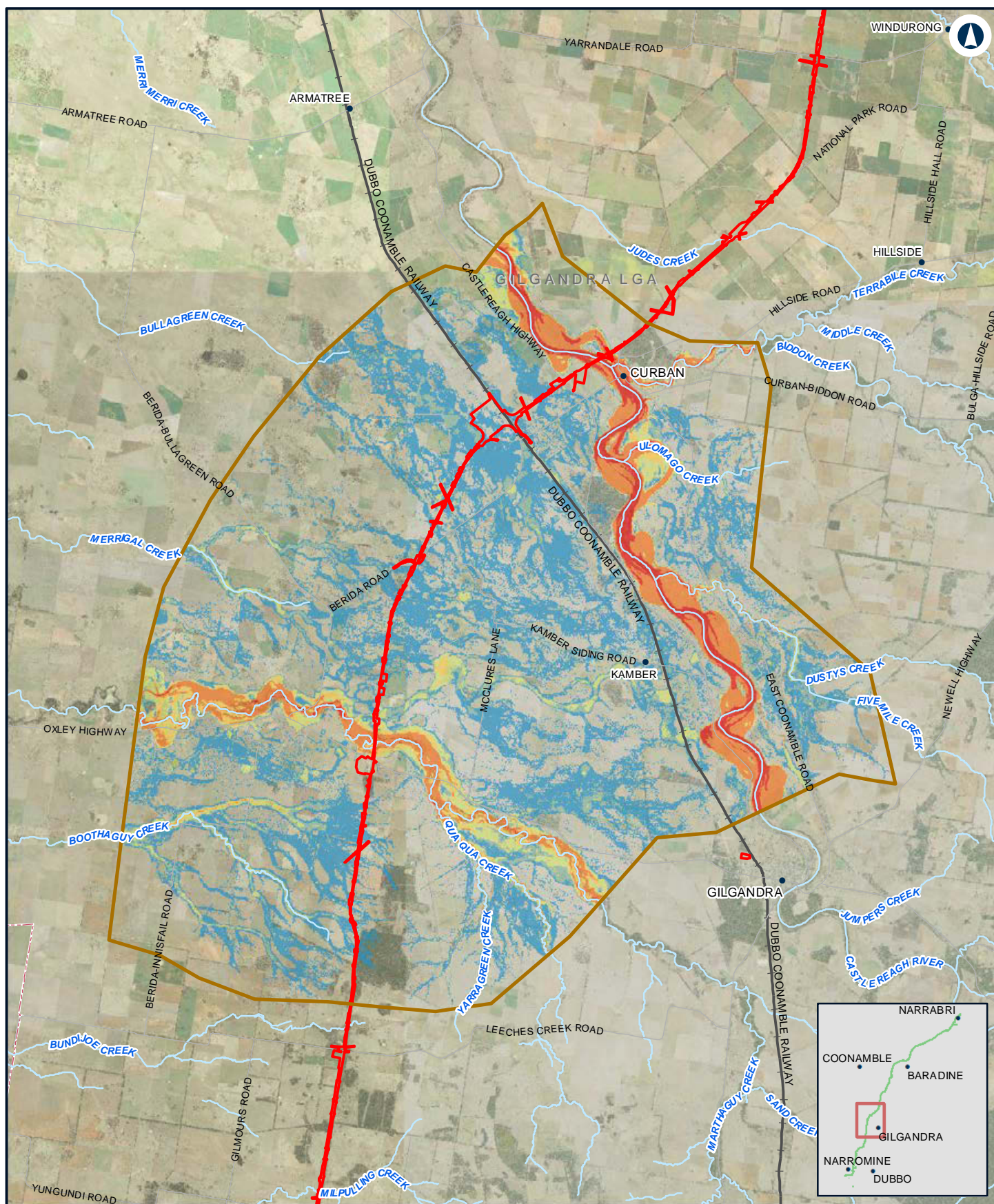
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LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N11N12

Appendix D - Figure 4.5d

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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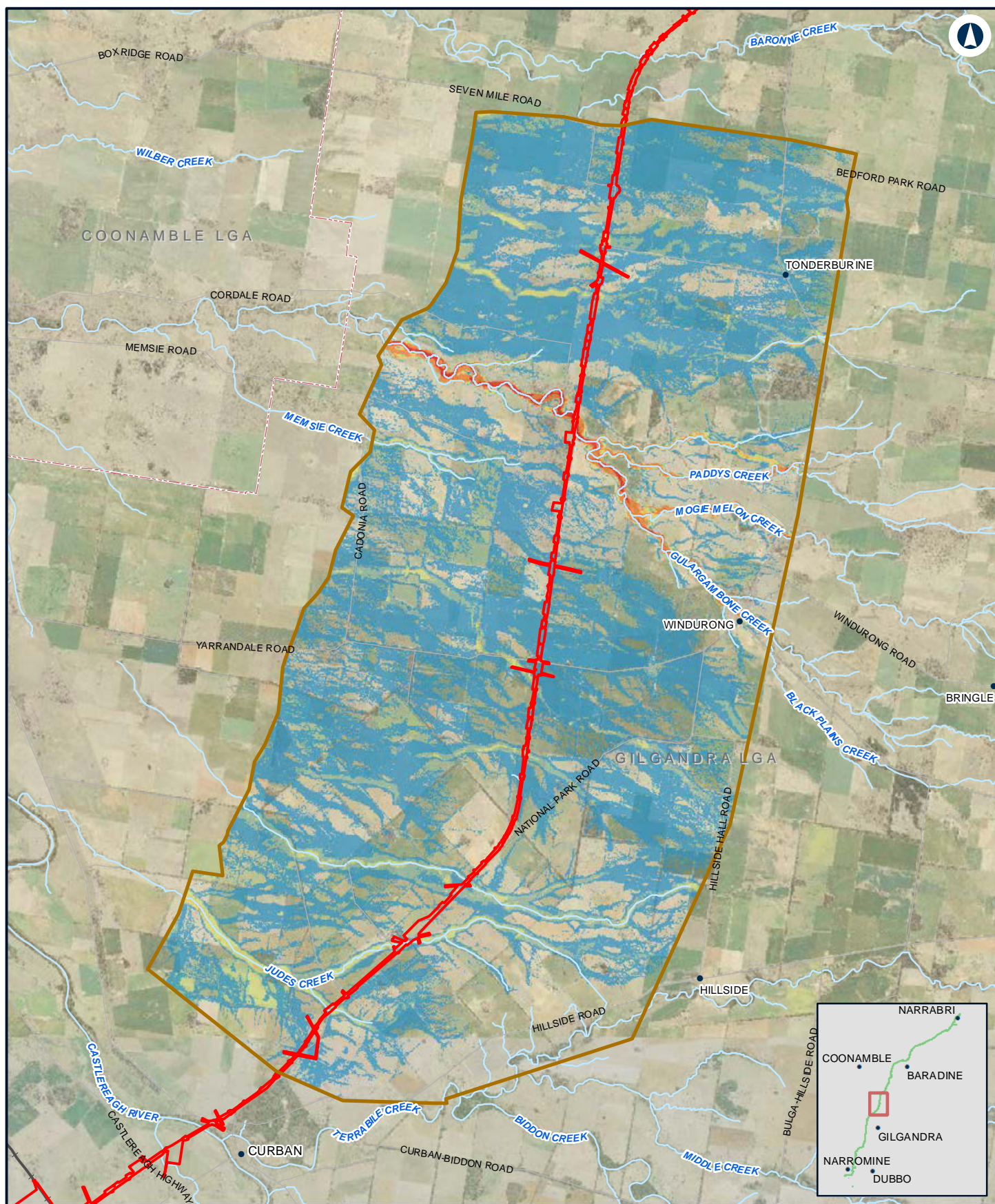
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LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N10

Appendix D - Figure 4.5e

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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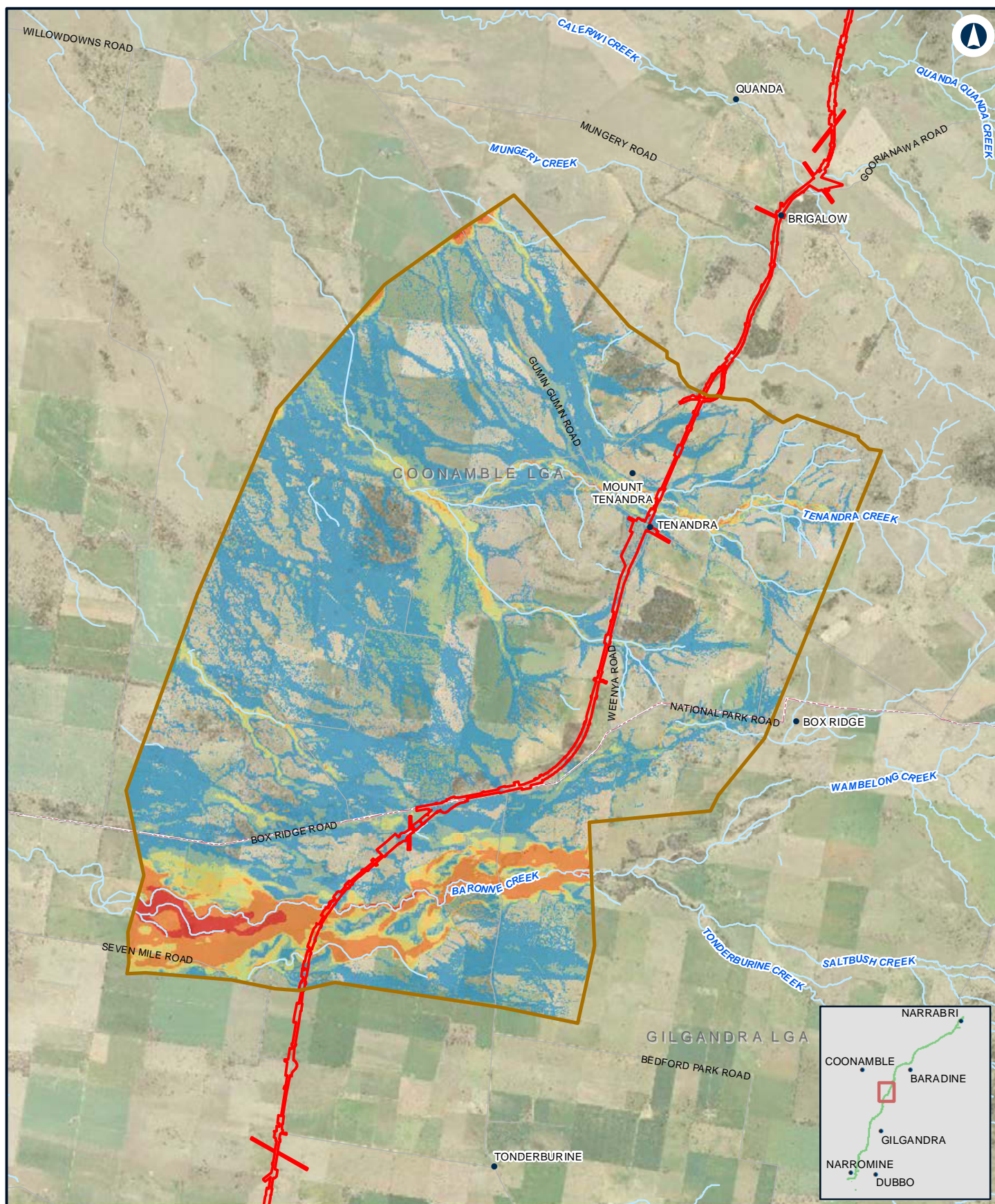
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N9

Appendix D - Figure 4.5f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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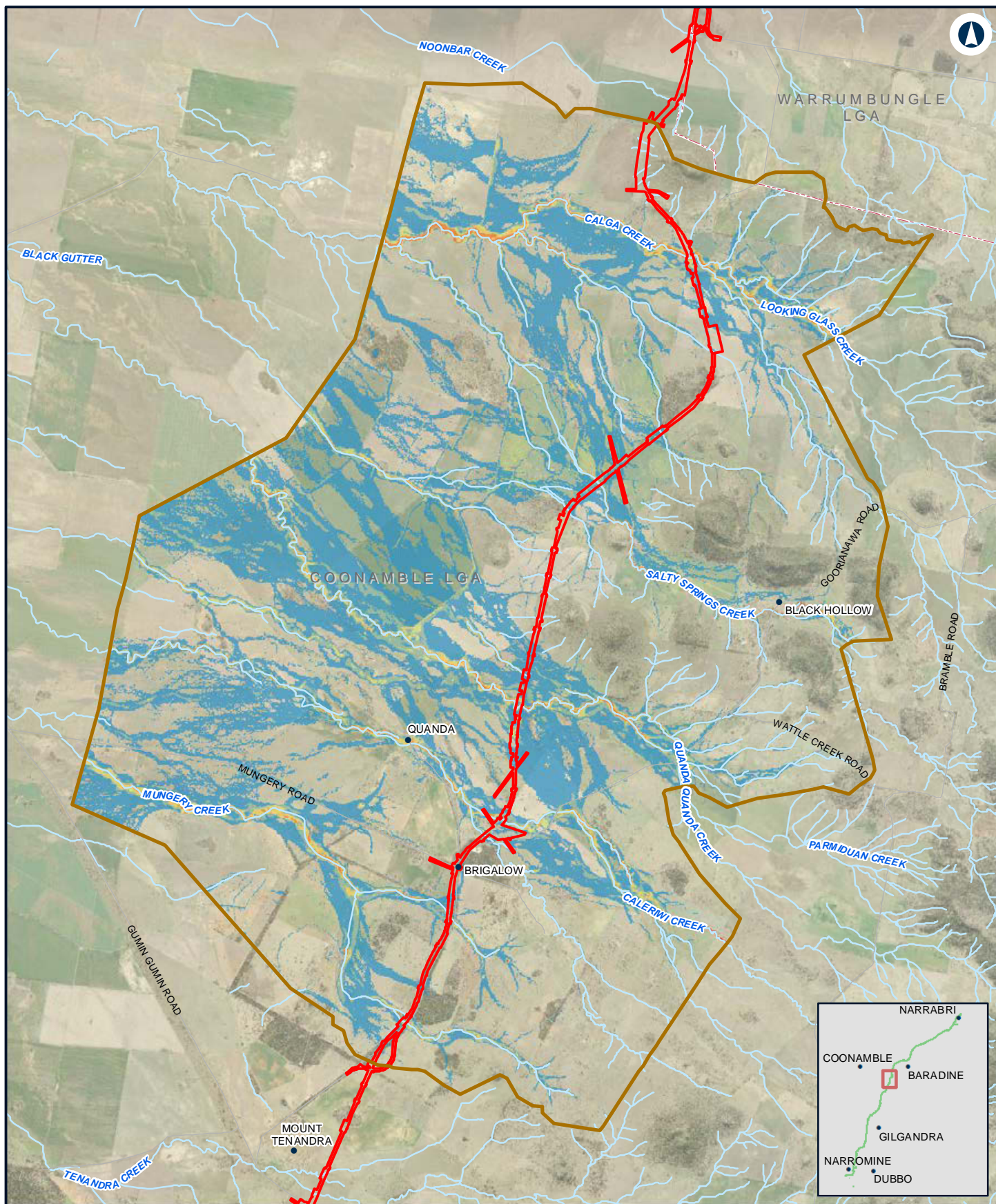
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- Unsafe for all people and all vehicles. Buildings require special engineering design and construction
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INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N8

Appendix D - Figure 4.5g

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

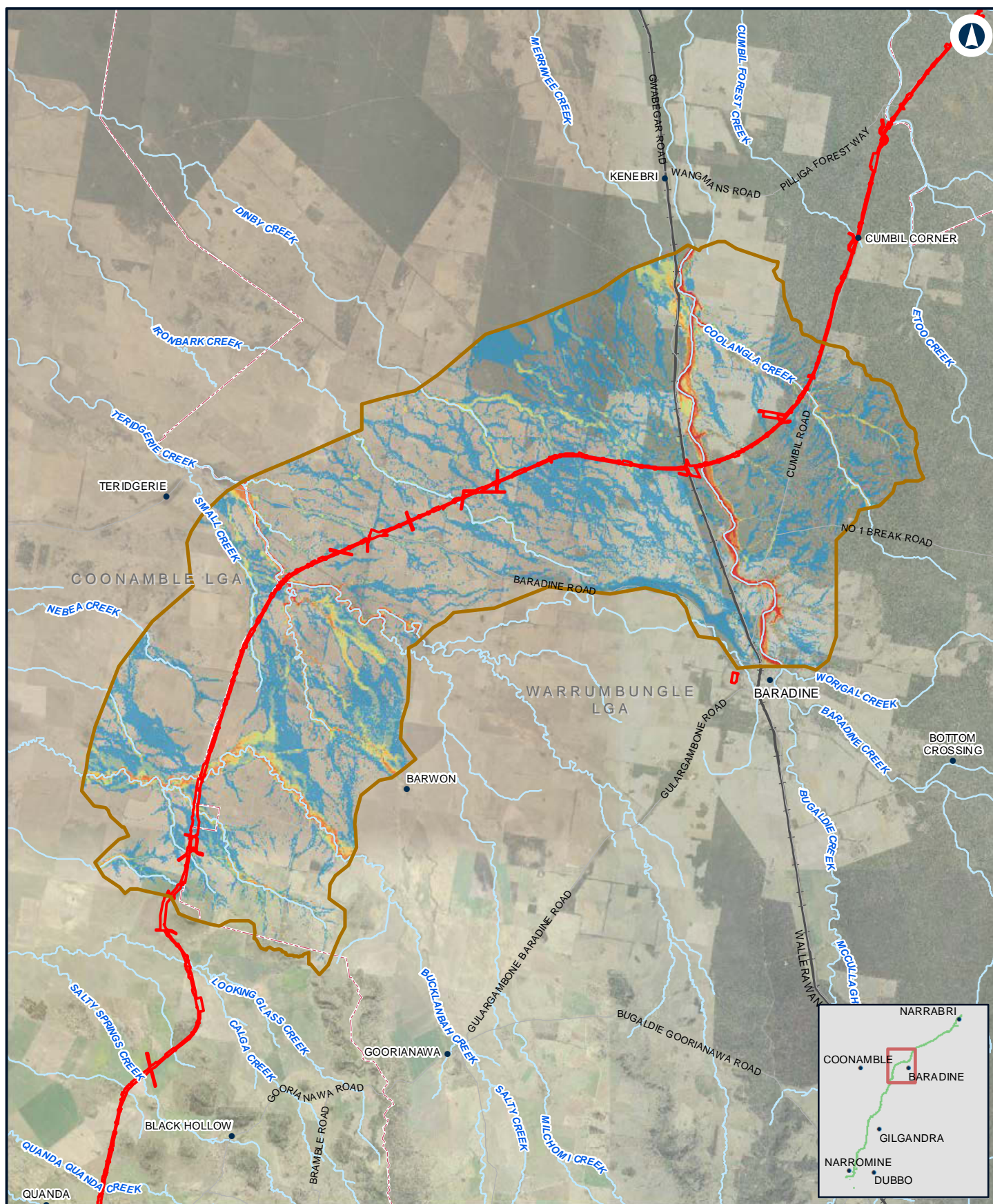
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Generally safe for vehicles, people and buildings
- Unsafe for small vehicles
- Unsafe for vehicles, children and the elderly
- Unsafe for vehicles and people
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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N7

Appendix D - Figure 4.5h

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Page: A4
Scale: 1:200,000

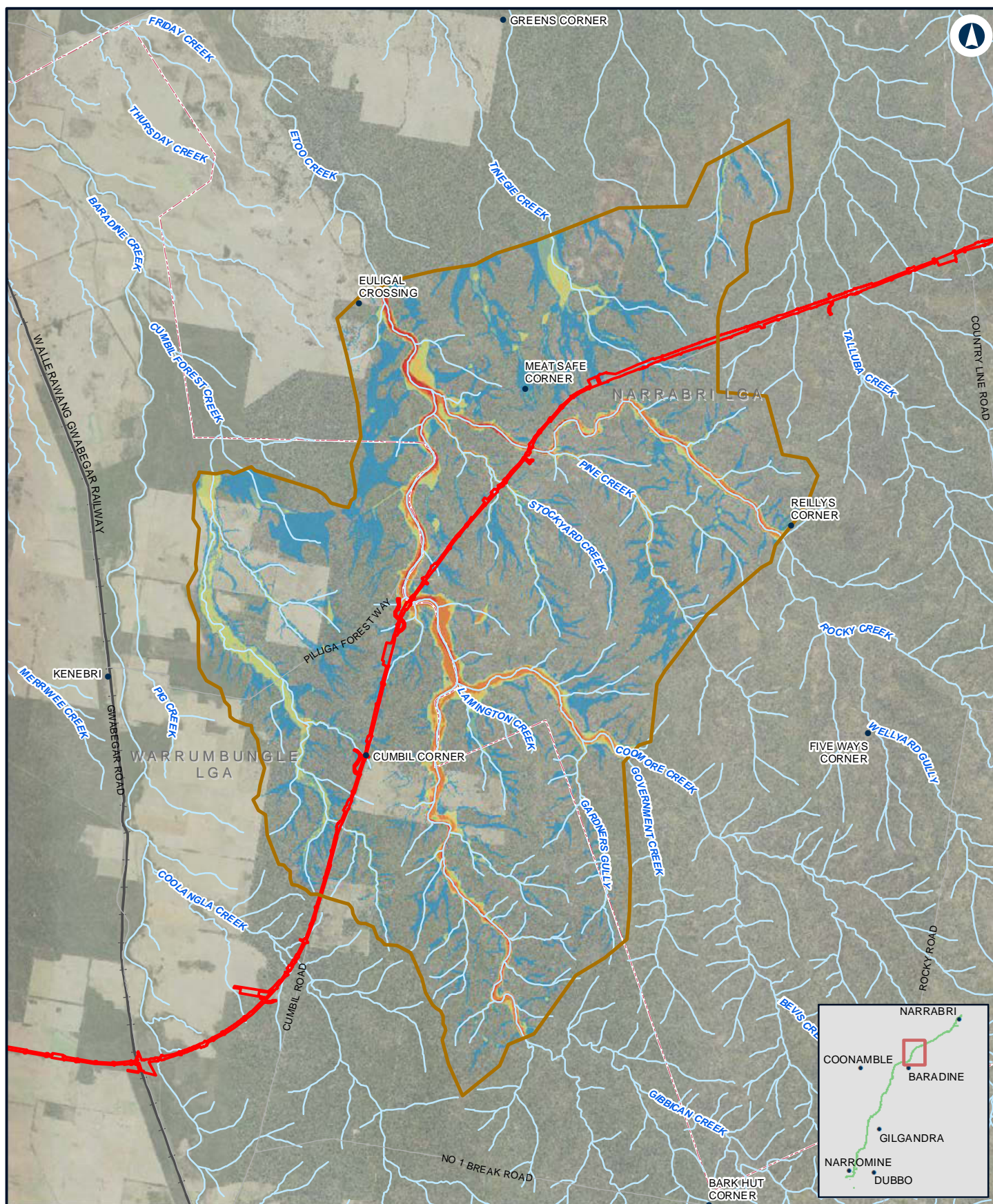
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N6

Appendix D - Figure 4.5i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

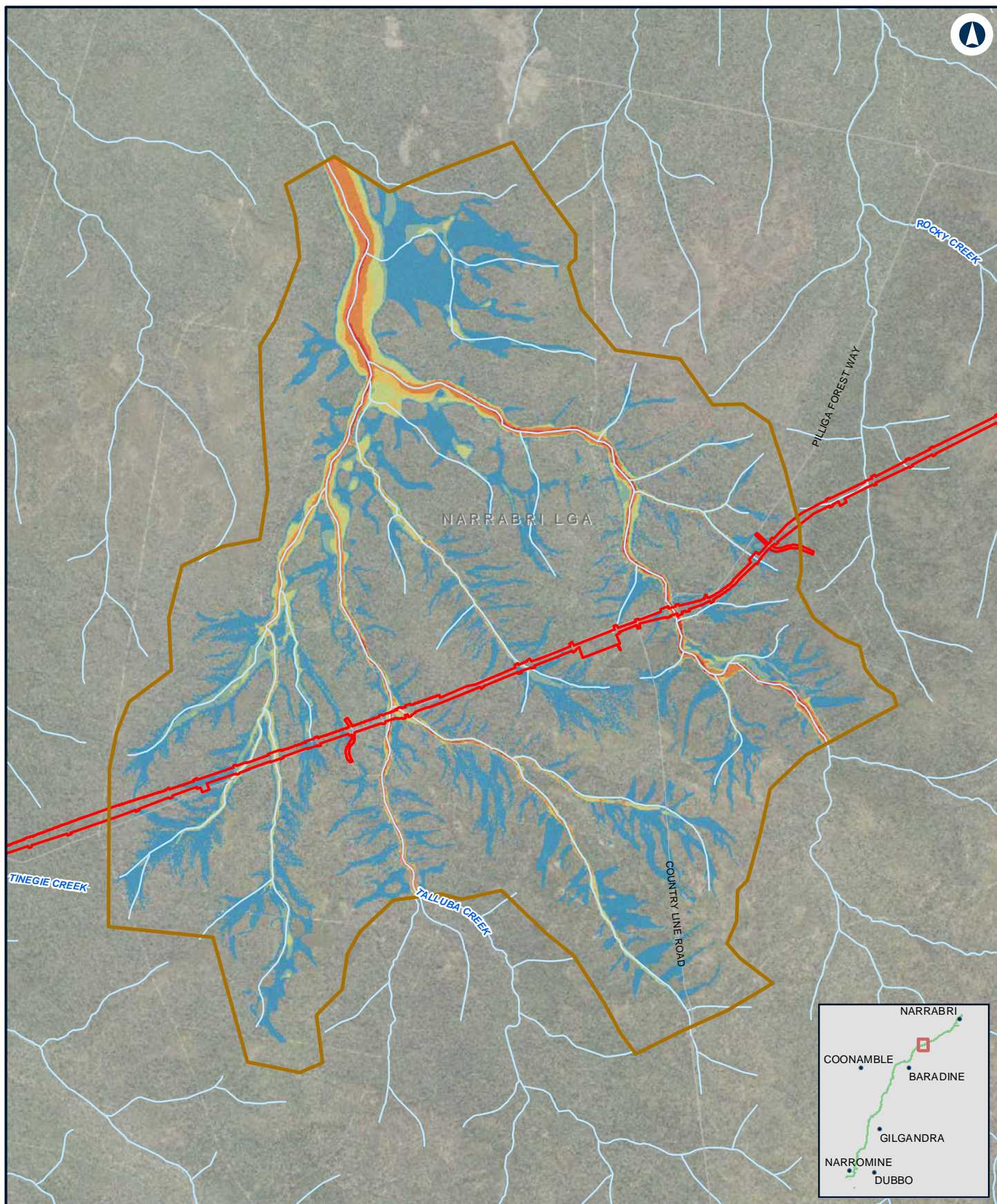
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N5

Appendix D - Figure 4.5j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

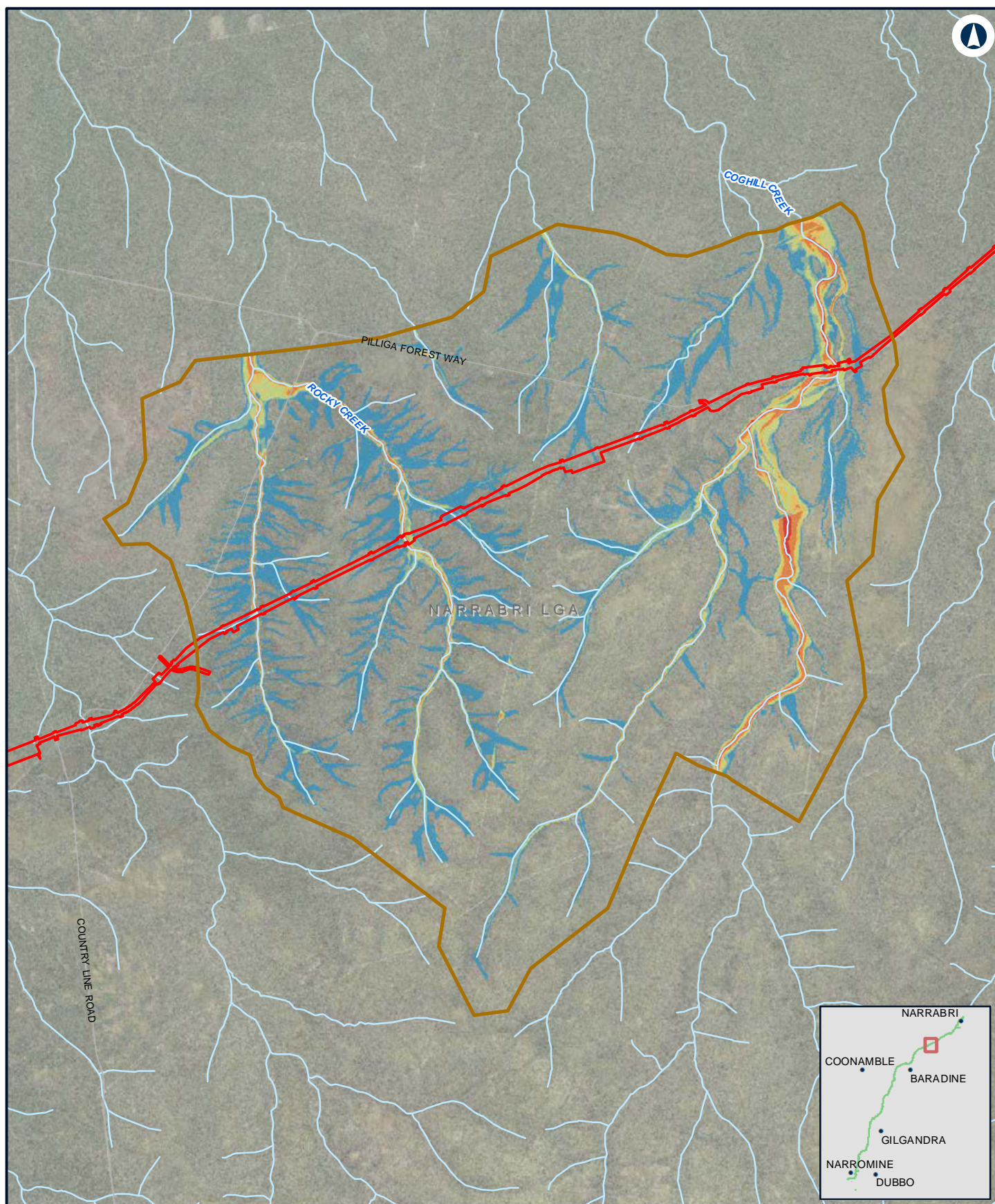
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N4

Appendix D - Figure 4.5k

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

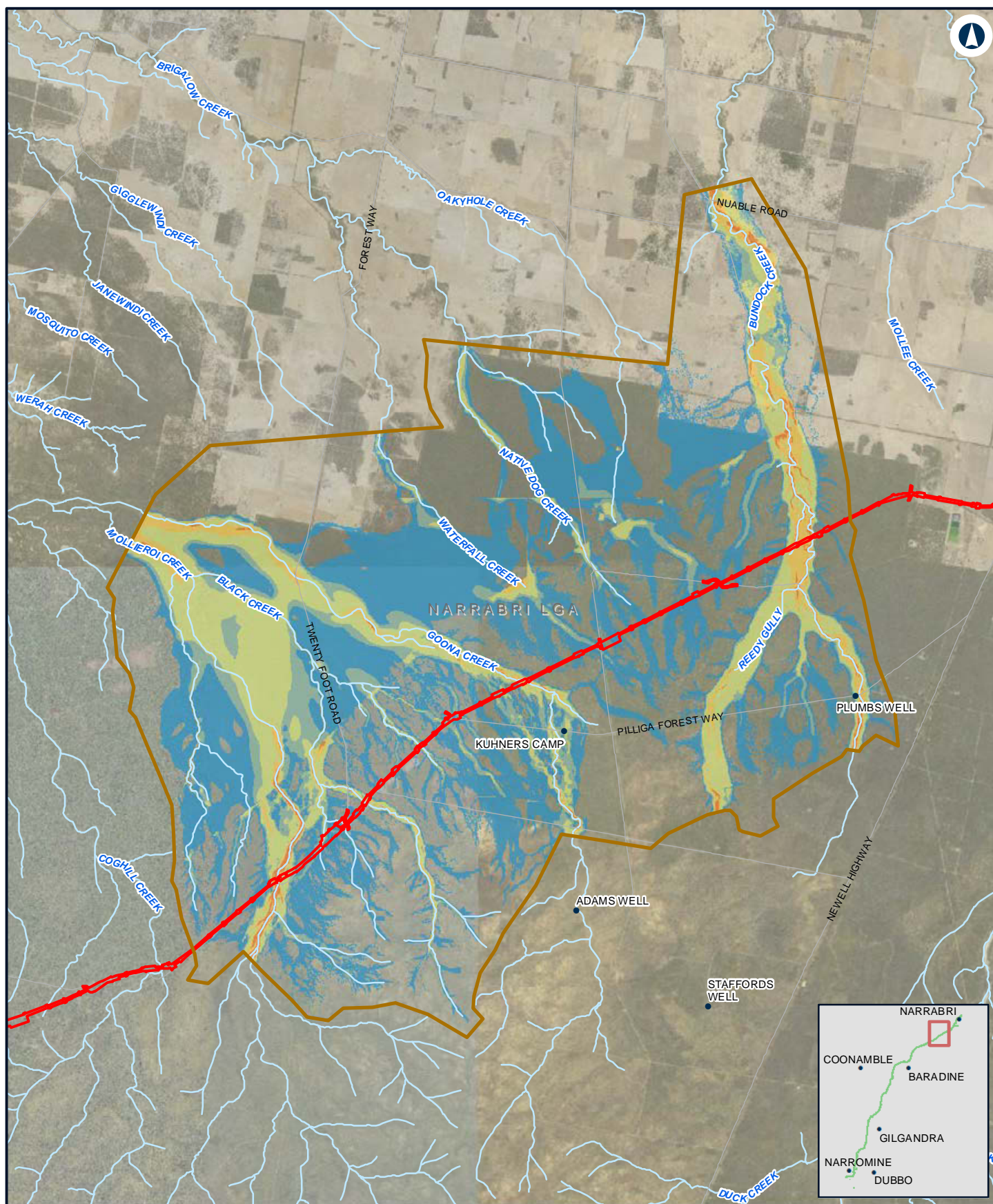
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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Narromine to Narrabri

Existing flood hazard - 1% AEP with climate change - N2N23

Appendix D - Figure 4.5I

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

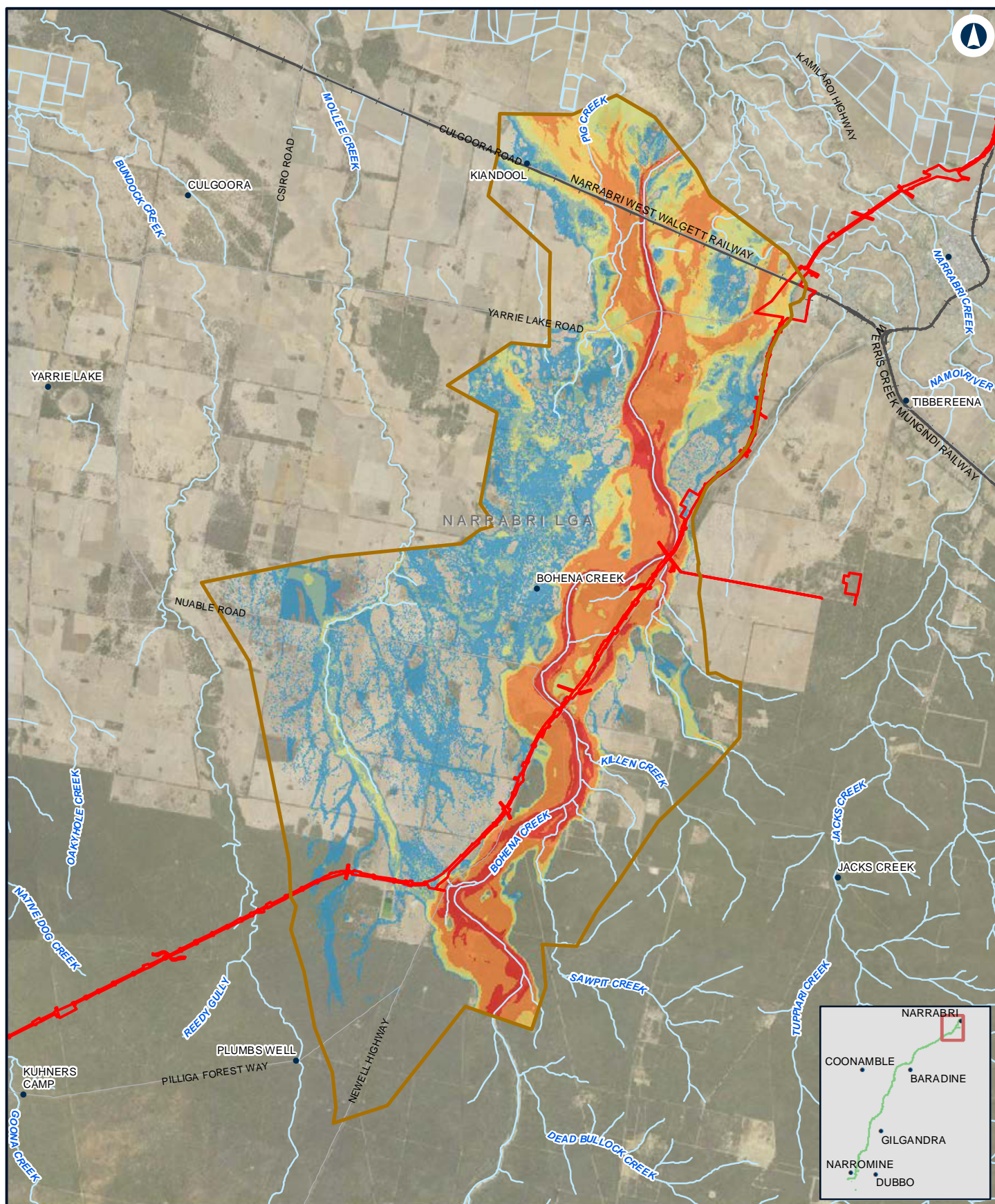
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 1% AEP with climate change - N2N1

Appendix D - Figure 4.5m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

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

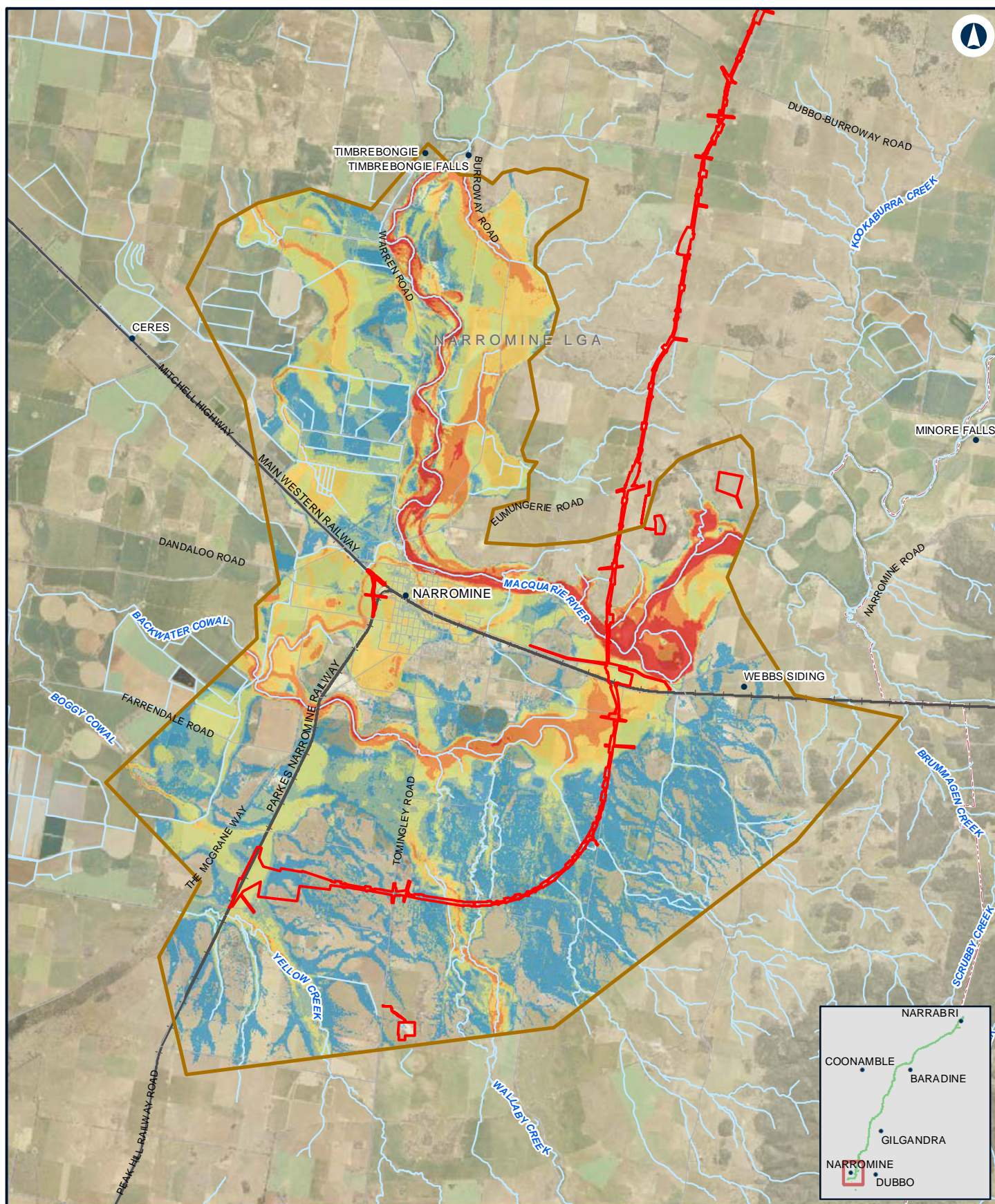
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - NFM

Appendix D - Figure 4.6a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

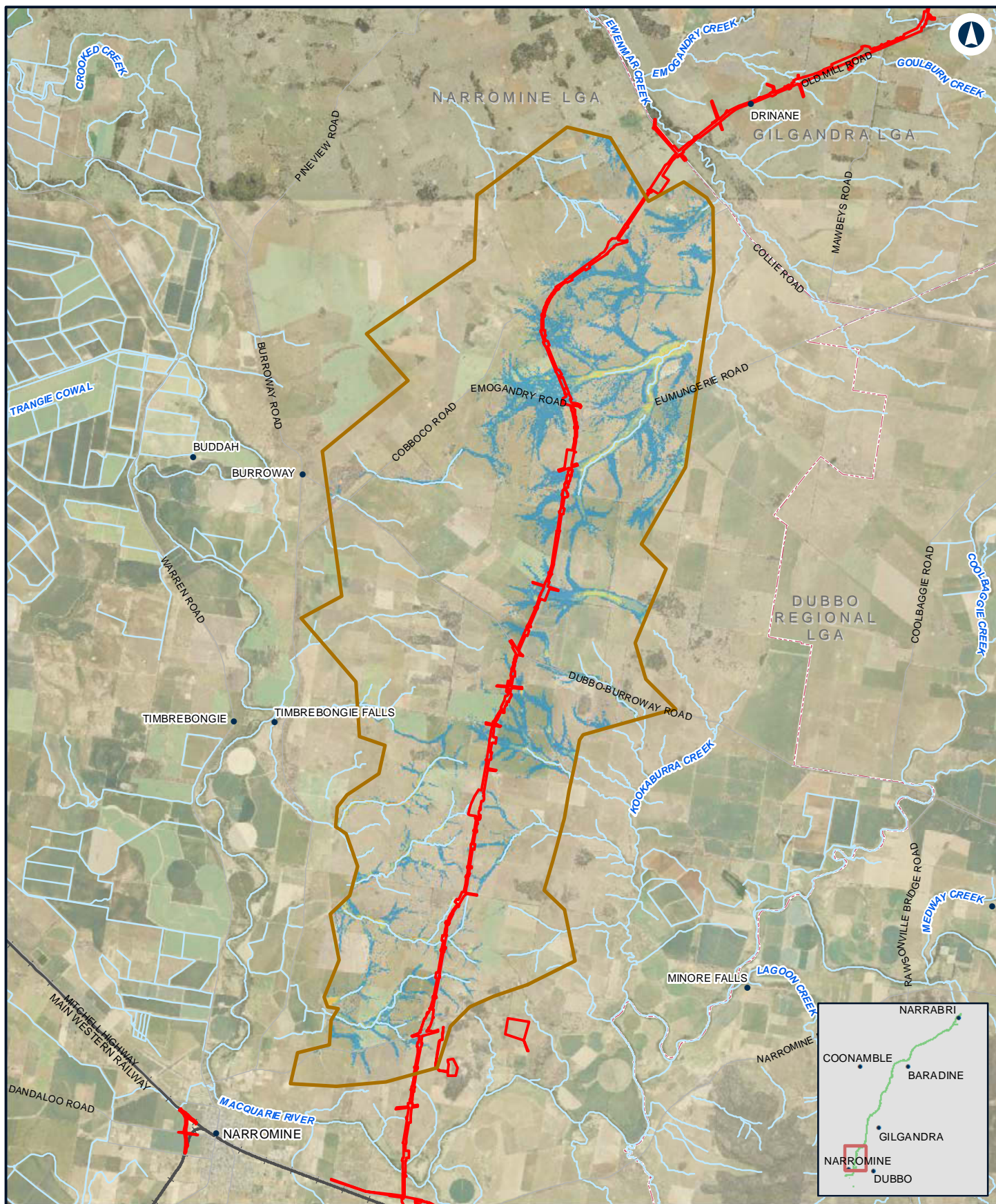
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N14

Appendix D - Figure 4.6b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

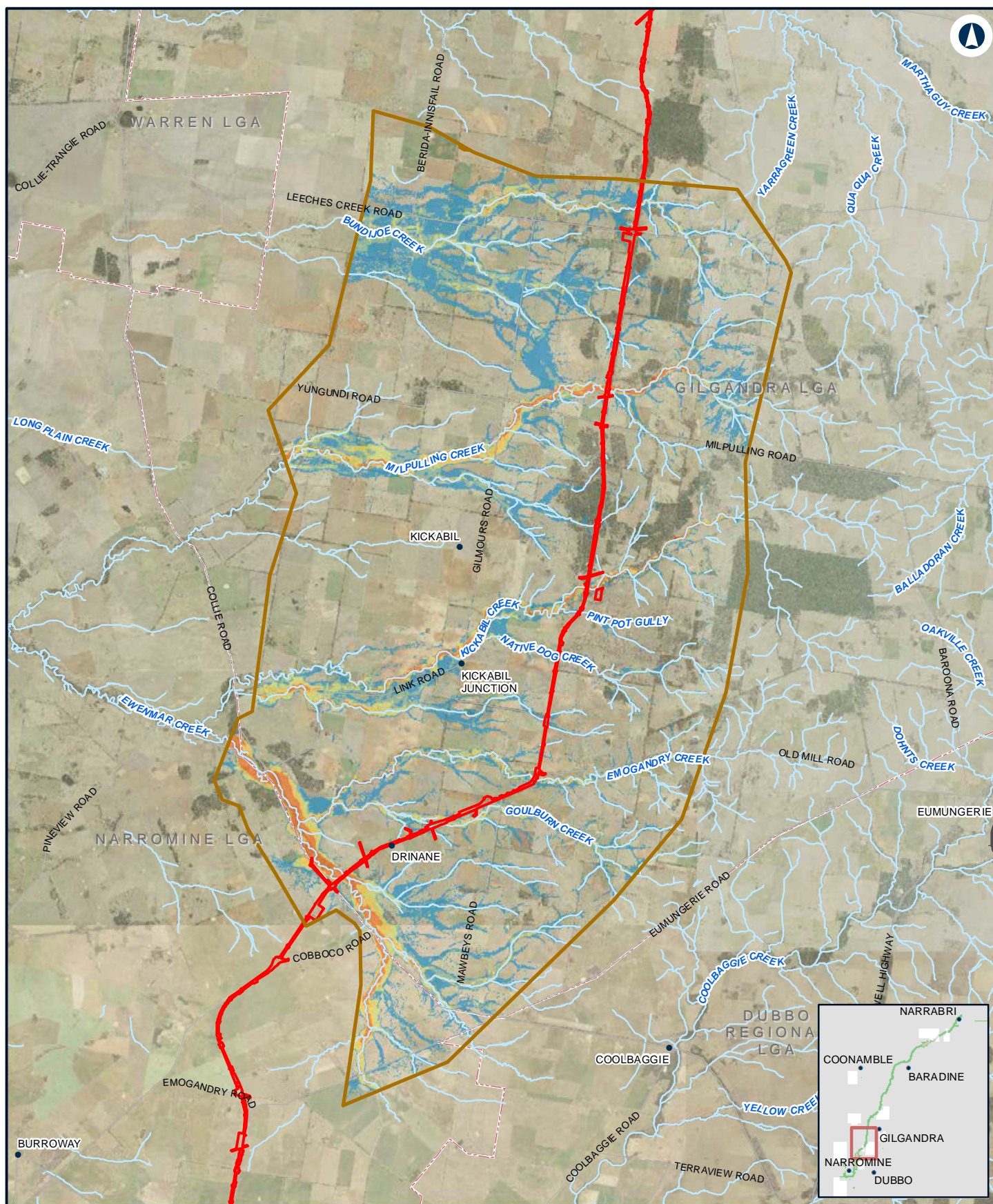
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N13

Appendix D - Figure 4.6c

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:180,000

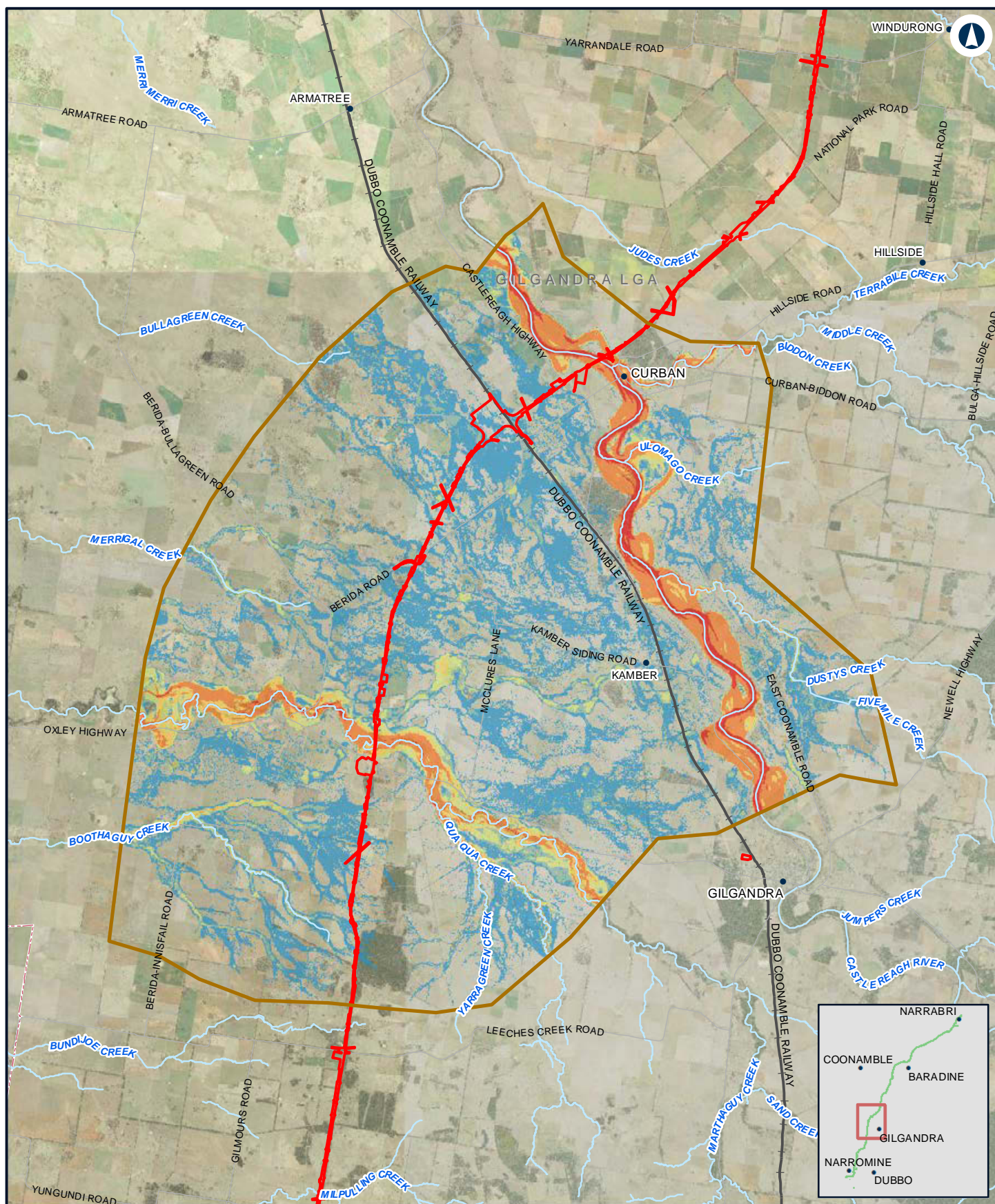
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N11N12

Appendix D - Figure 4.6d

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

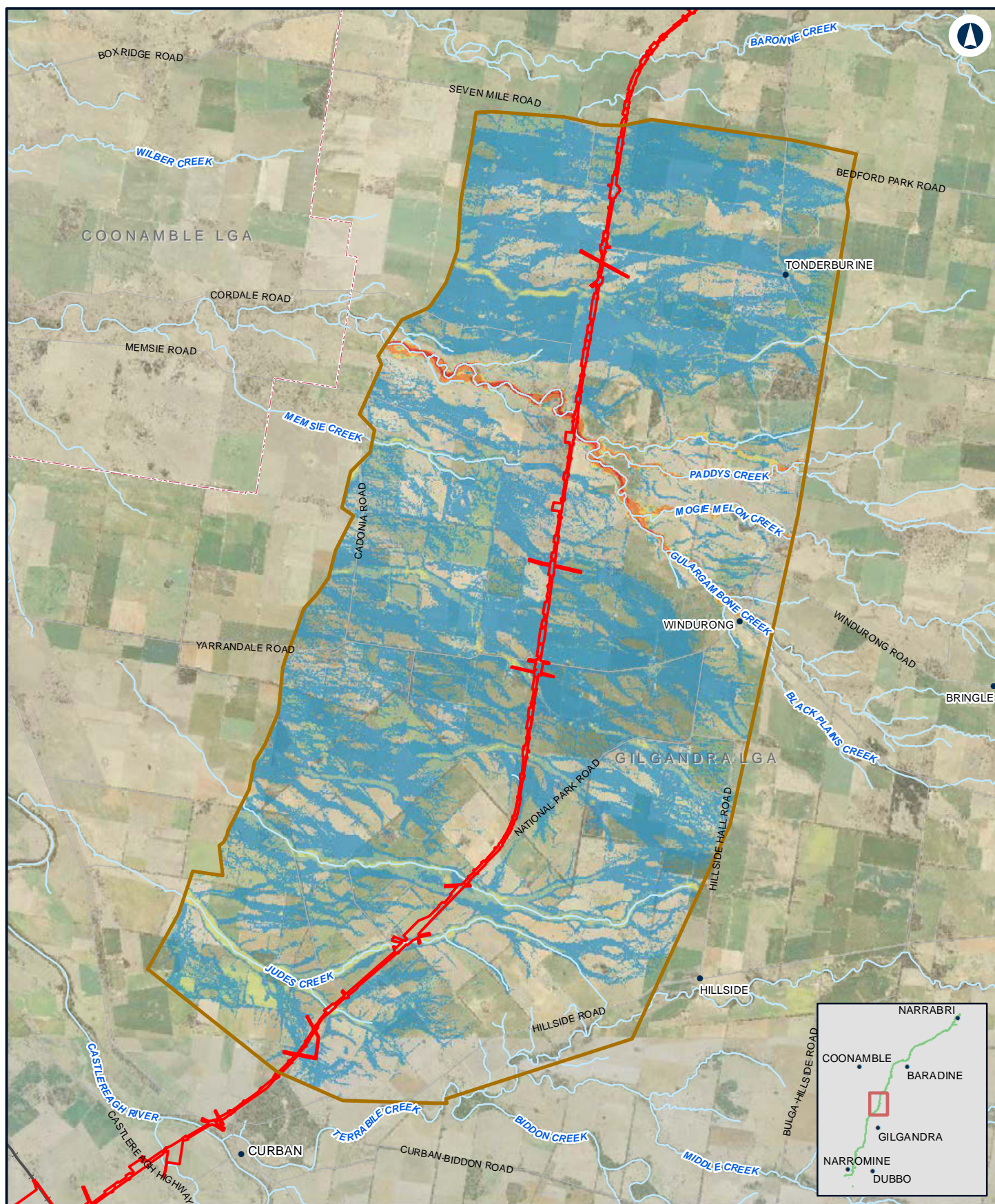
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N10

Appendix D - Figure 4.6e

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:130,000

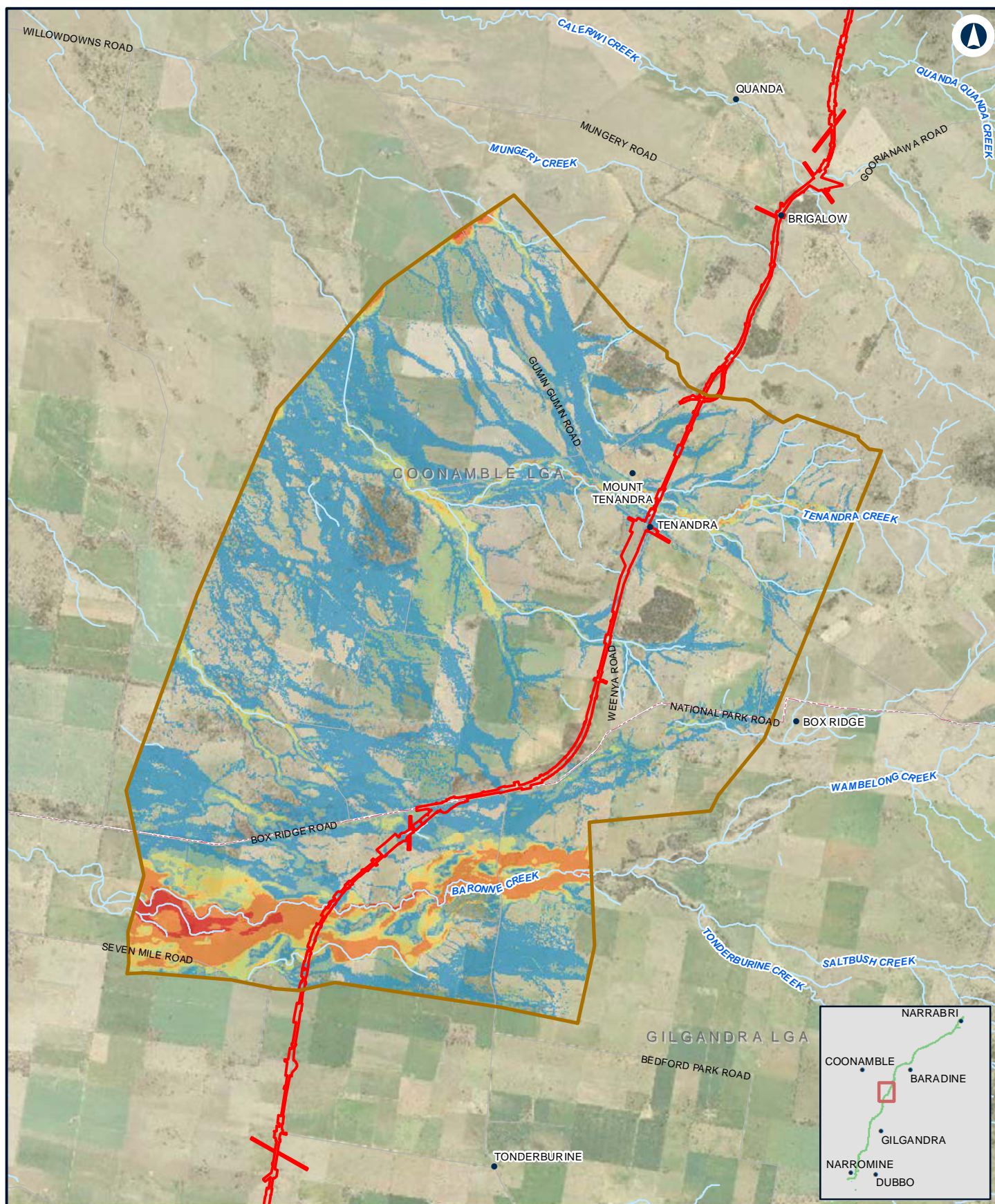
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N9

Appendix D - Figure 4.6f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

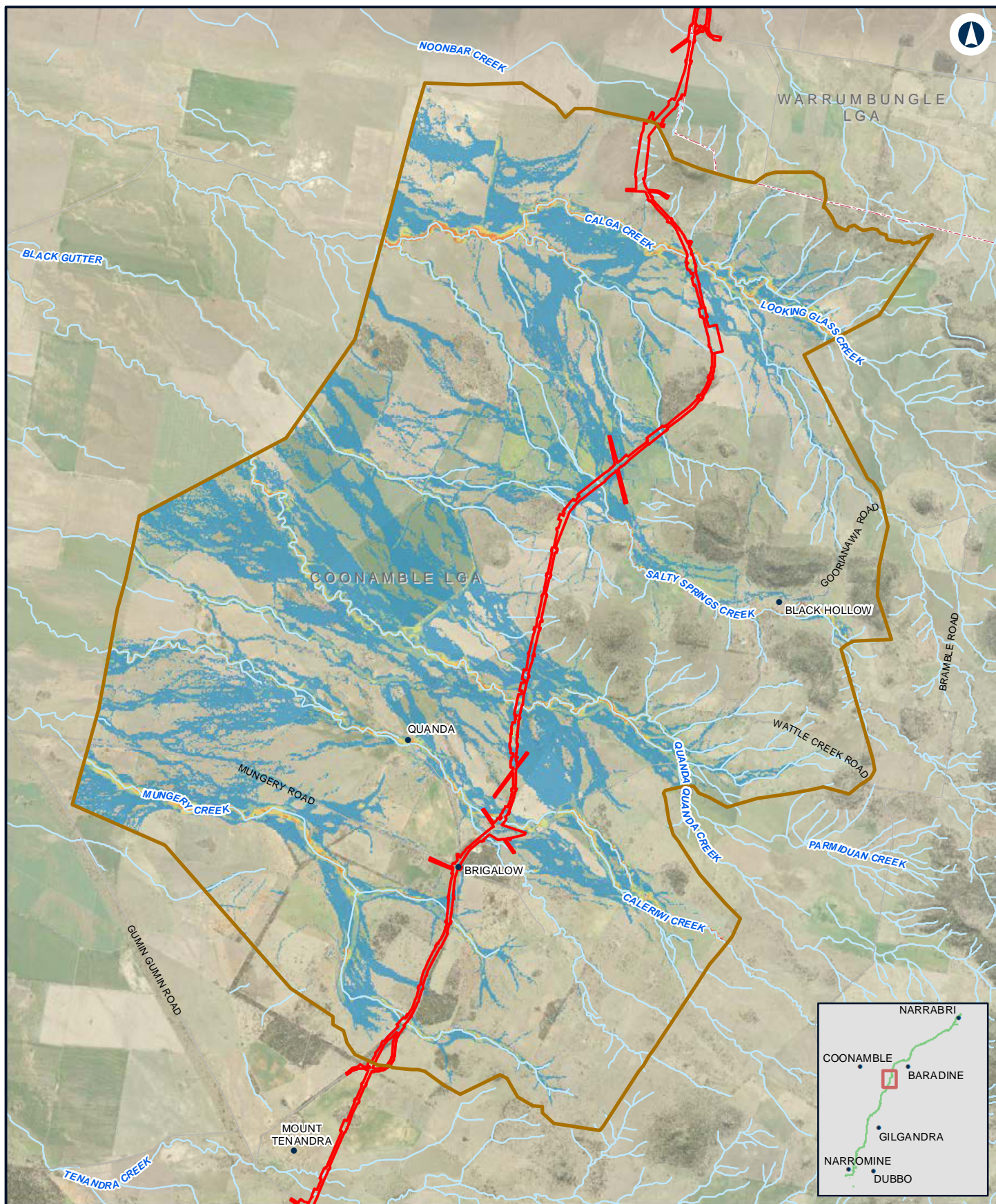
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N8

Appendix D - Figure 4.6g

0 1 2 Km

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Paper: A4
Scale: 1:100,000

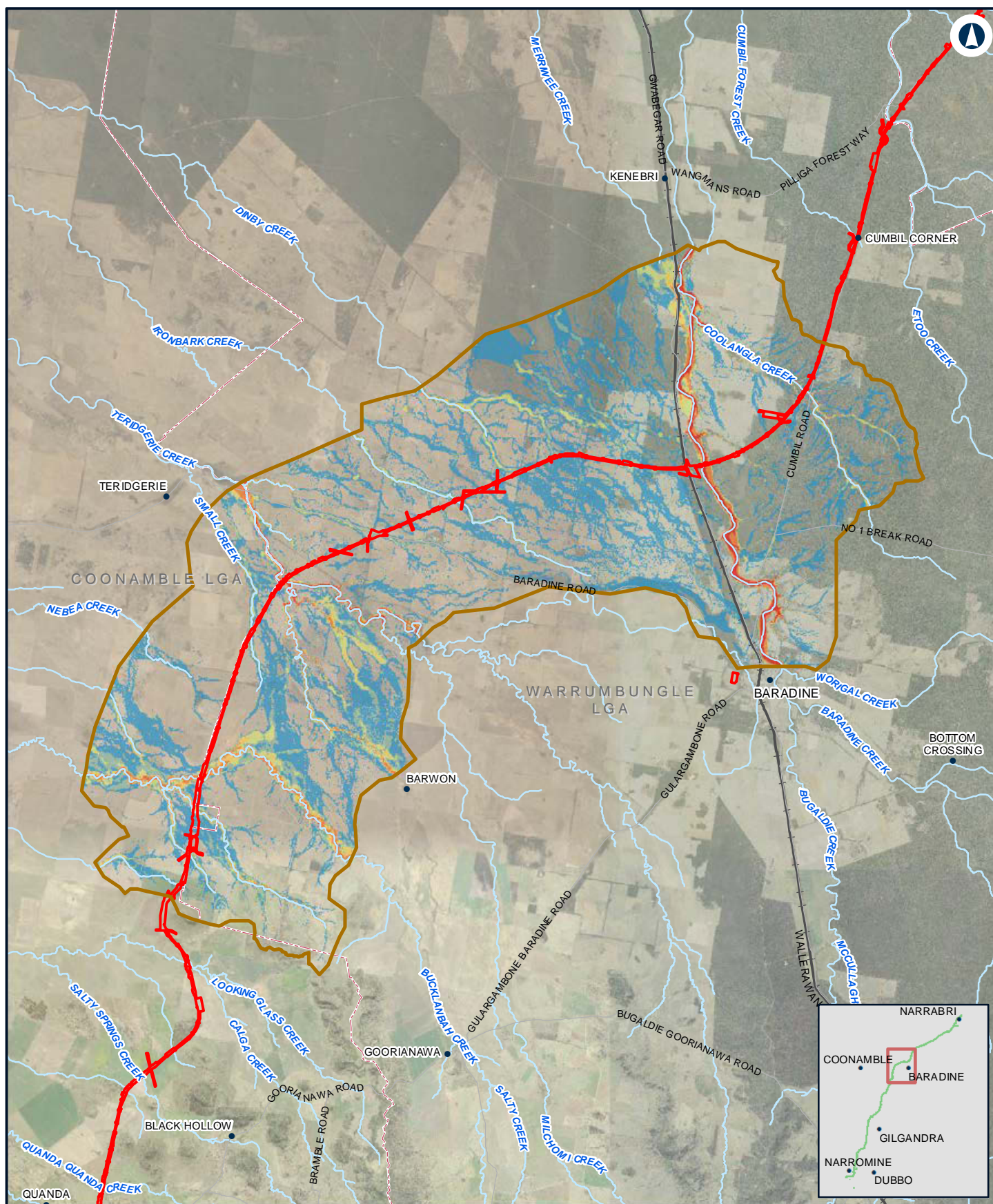
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N7

Appendix D - Figure 4.6h

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

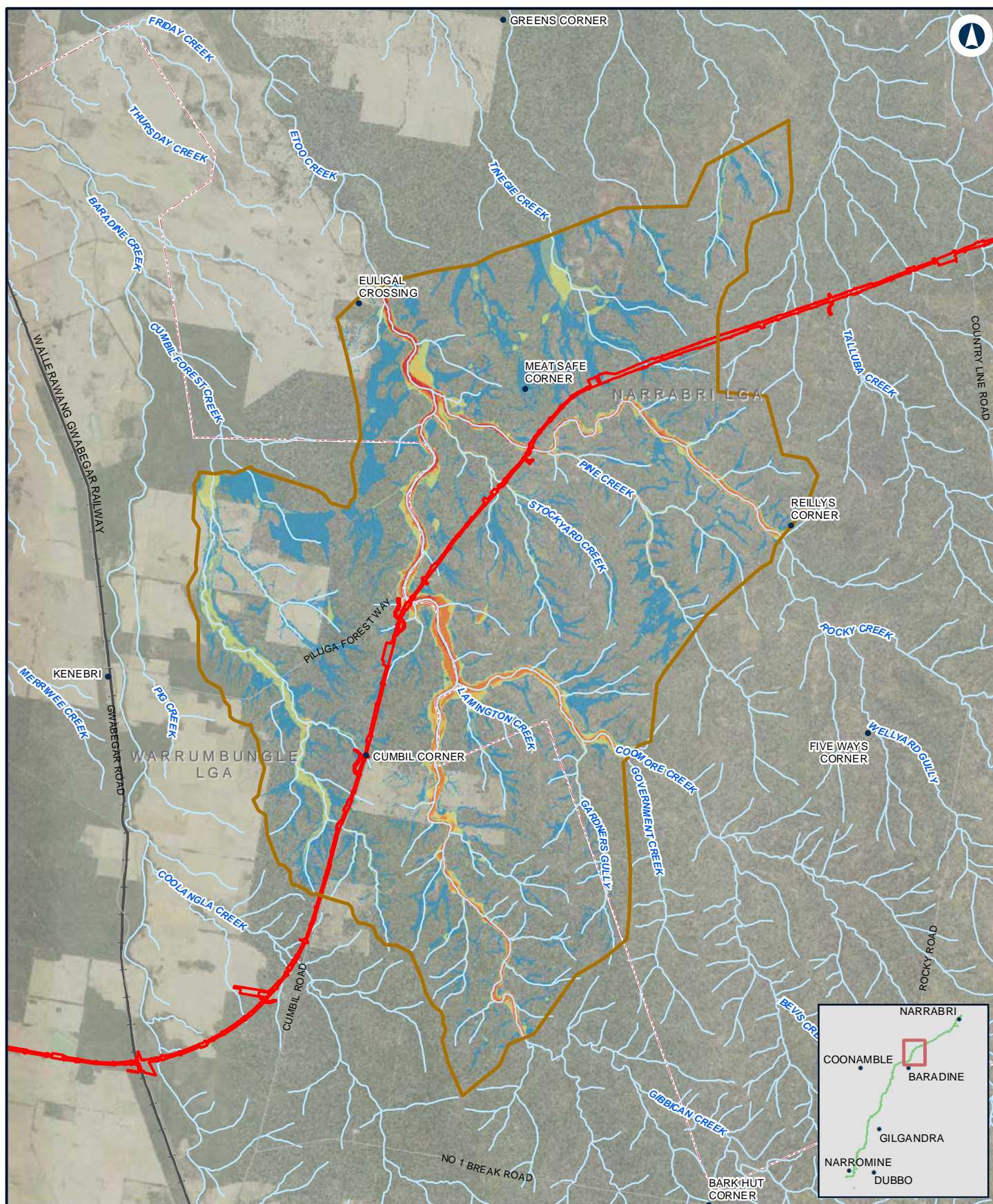
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N6

Appendix D - Figure 4.6i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

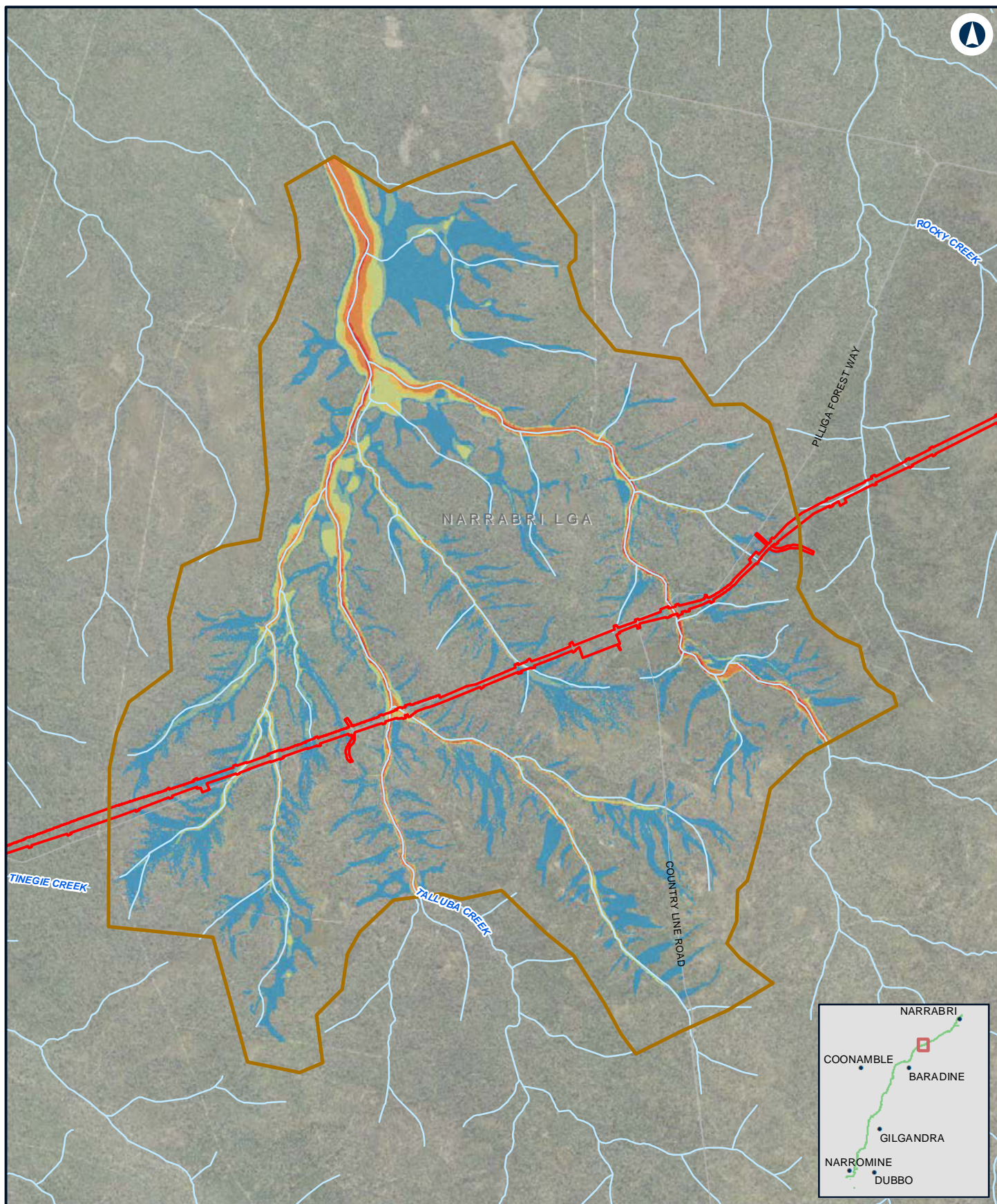
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N5

Appendix D - Figure 4.6j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Scale: 1:70,000

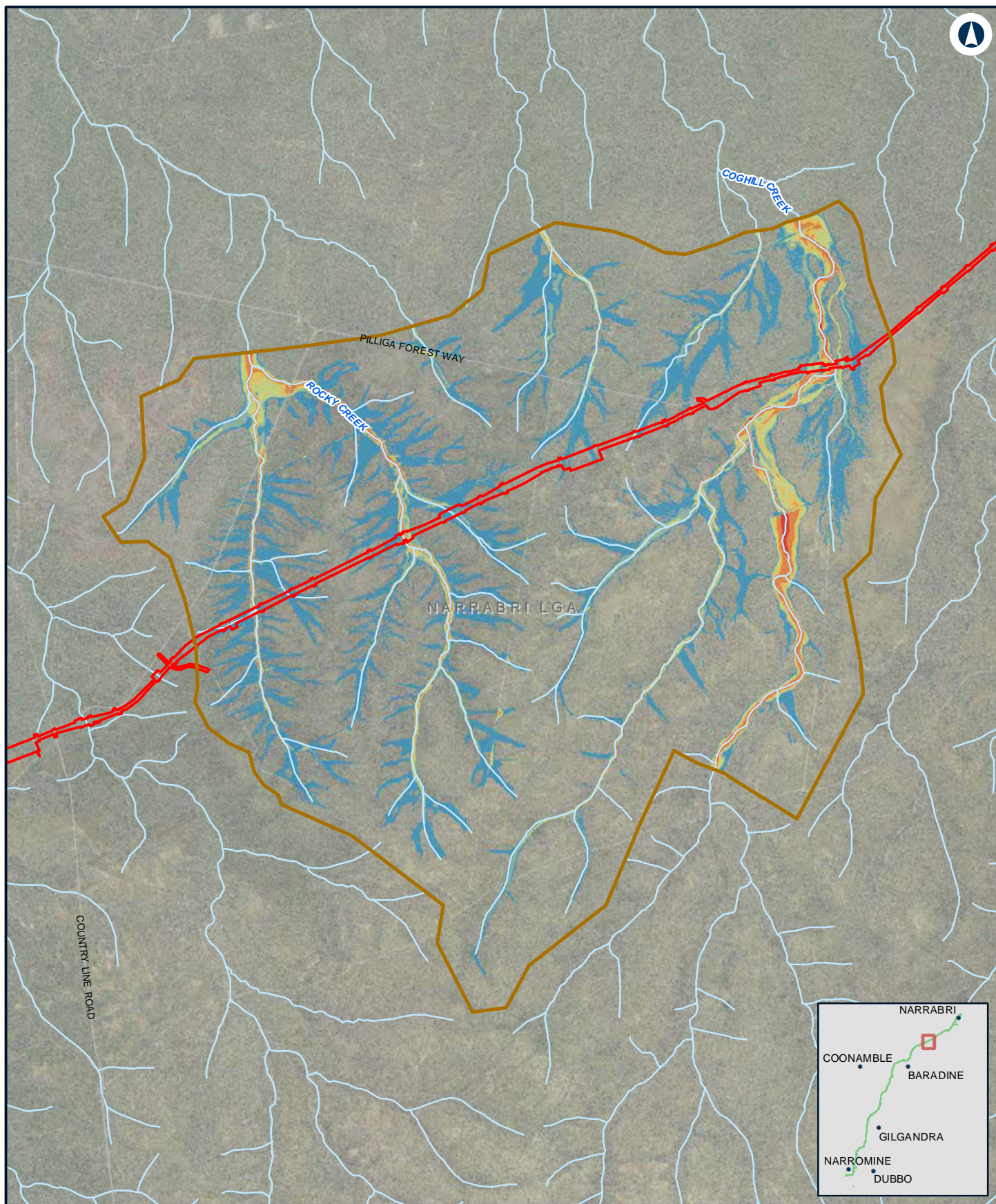
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N4

Appendix D - Figure 4.6k

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Paper: A4
Scale: 1:80,000

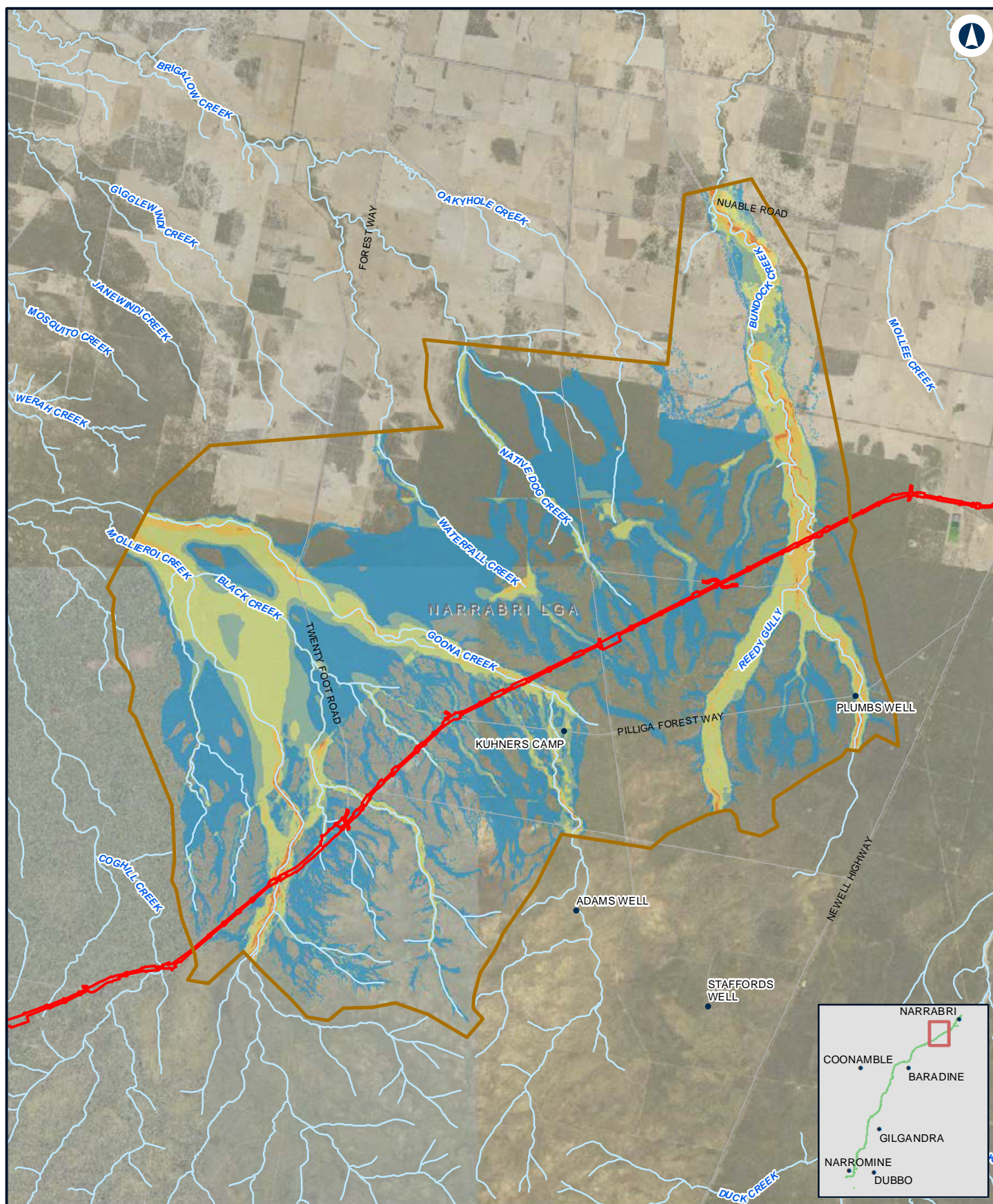
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Generally safe for vehicles, people and buildings
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- Unsafe for vehicles, children and the elderly
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NARROMINE TO NARRABRI

Existing flood hazard - 0.5% AEP - N2N23

Appendix D - Figure 4.6I

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

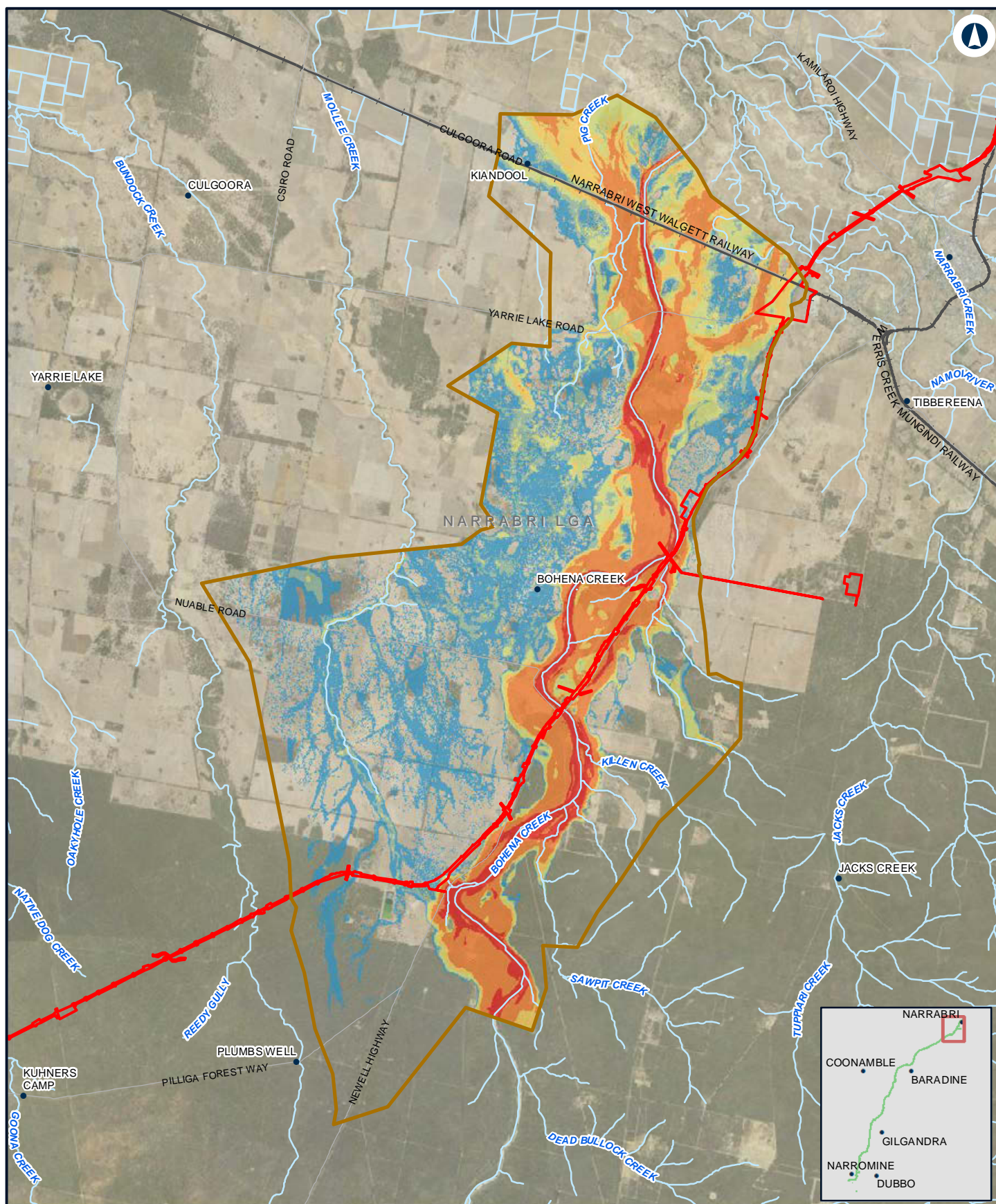
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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Narromine to Narrabri

Existing flood hazard - 0.5% AEP - N2N1

Appendix D - Figure 4.6m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

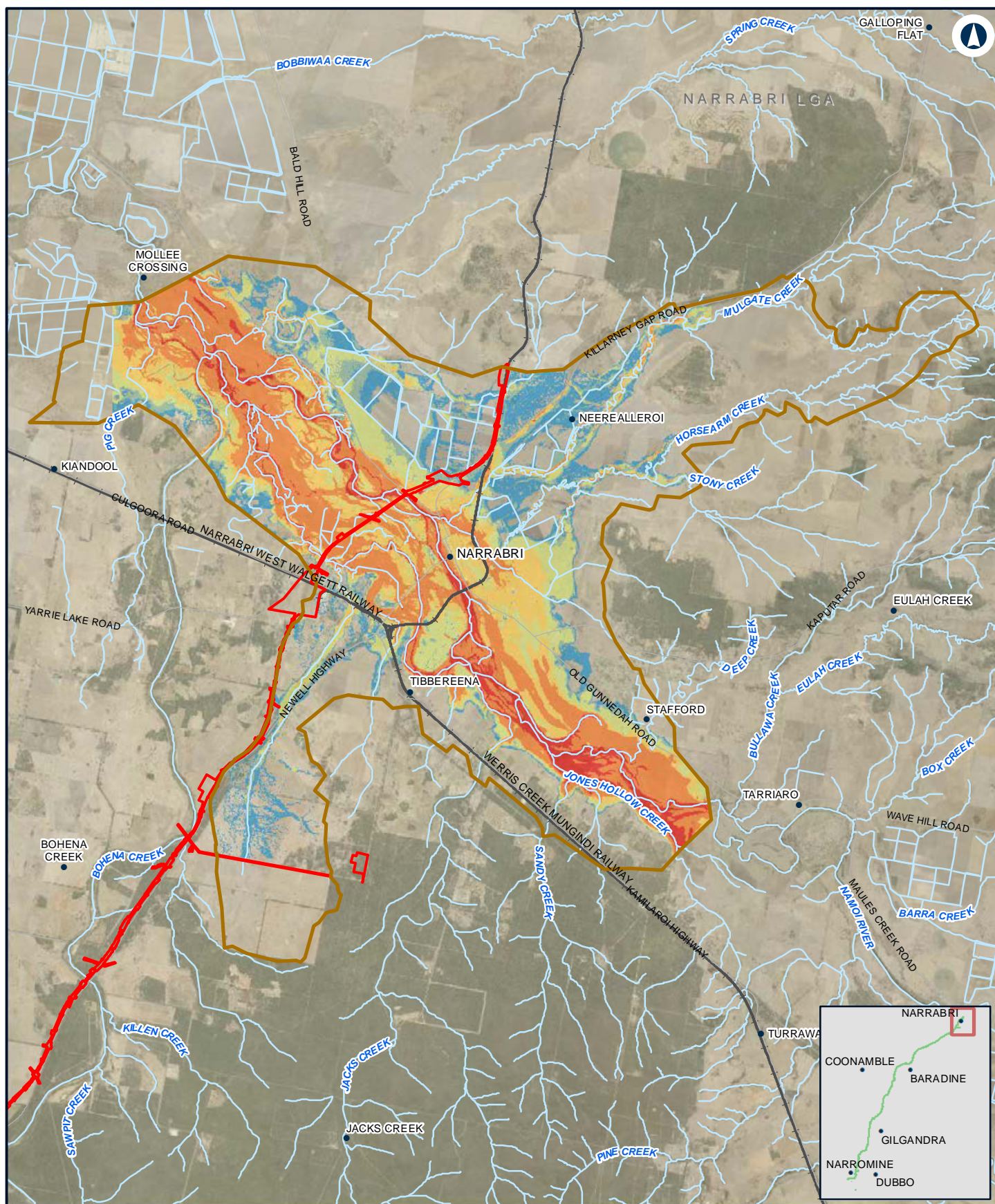
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

INLAND RAIL **ARTC**

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



Narromine to Narrabri

Existing flood hazard - 0.5% AEP - Narrabri

Appendix D - Figure 4.6n

0 2 4
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

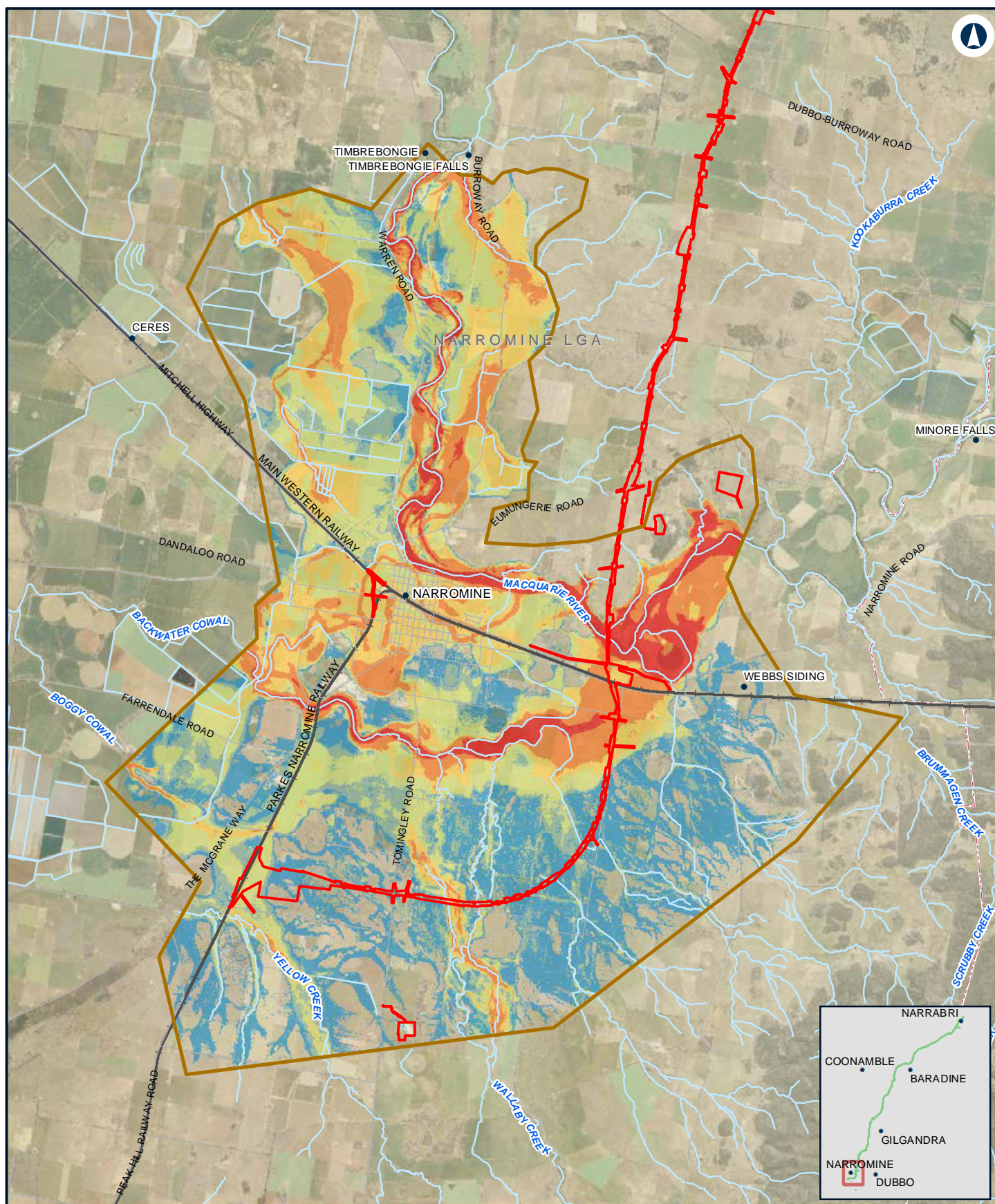
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - NFM

Appendix D - Figure 4.7a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

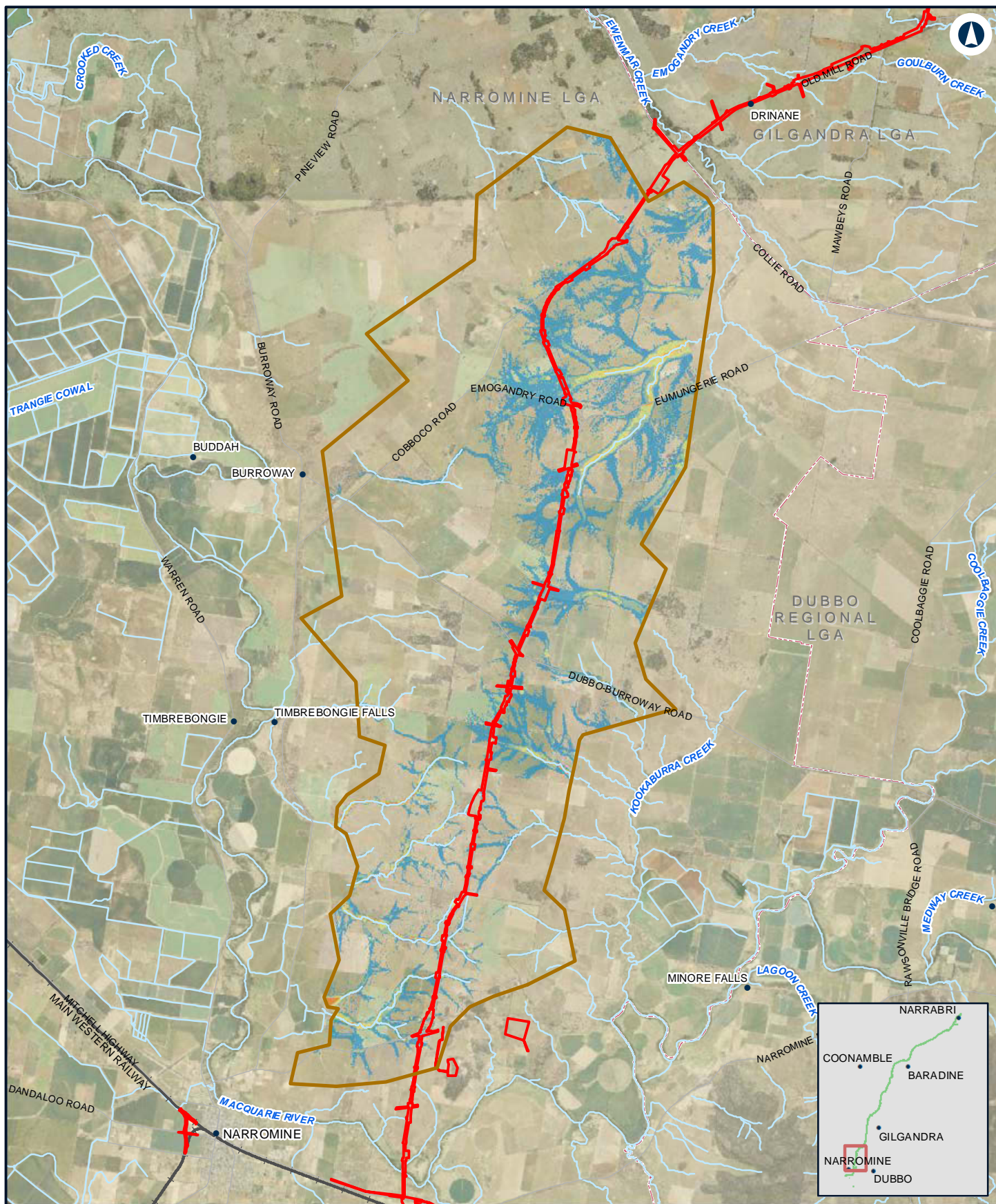
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N14

Appendix D - Figure 4.7b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

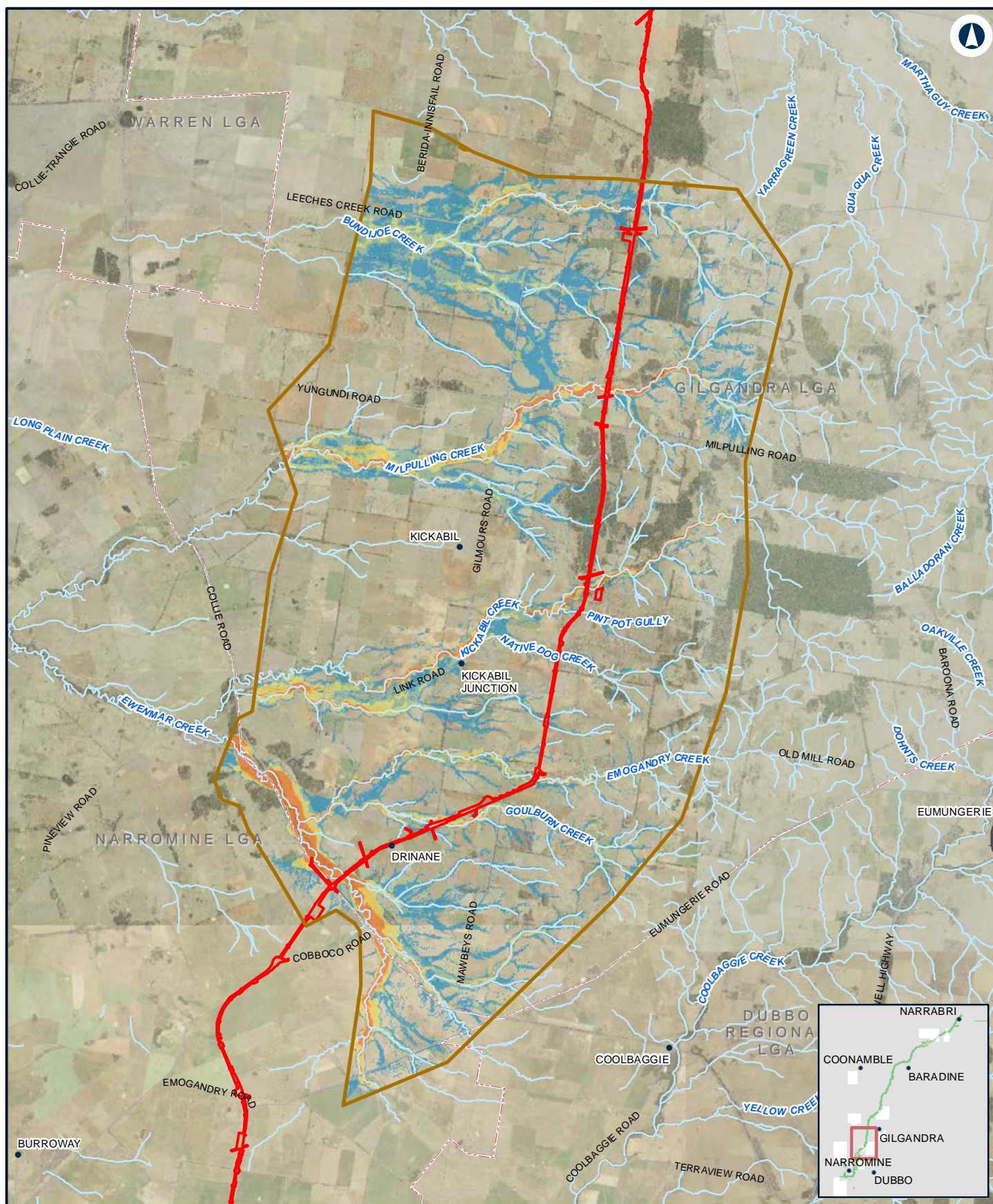
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

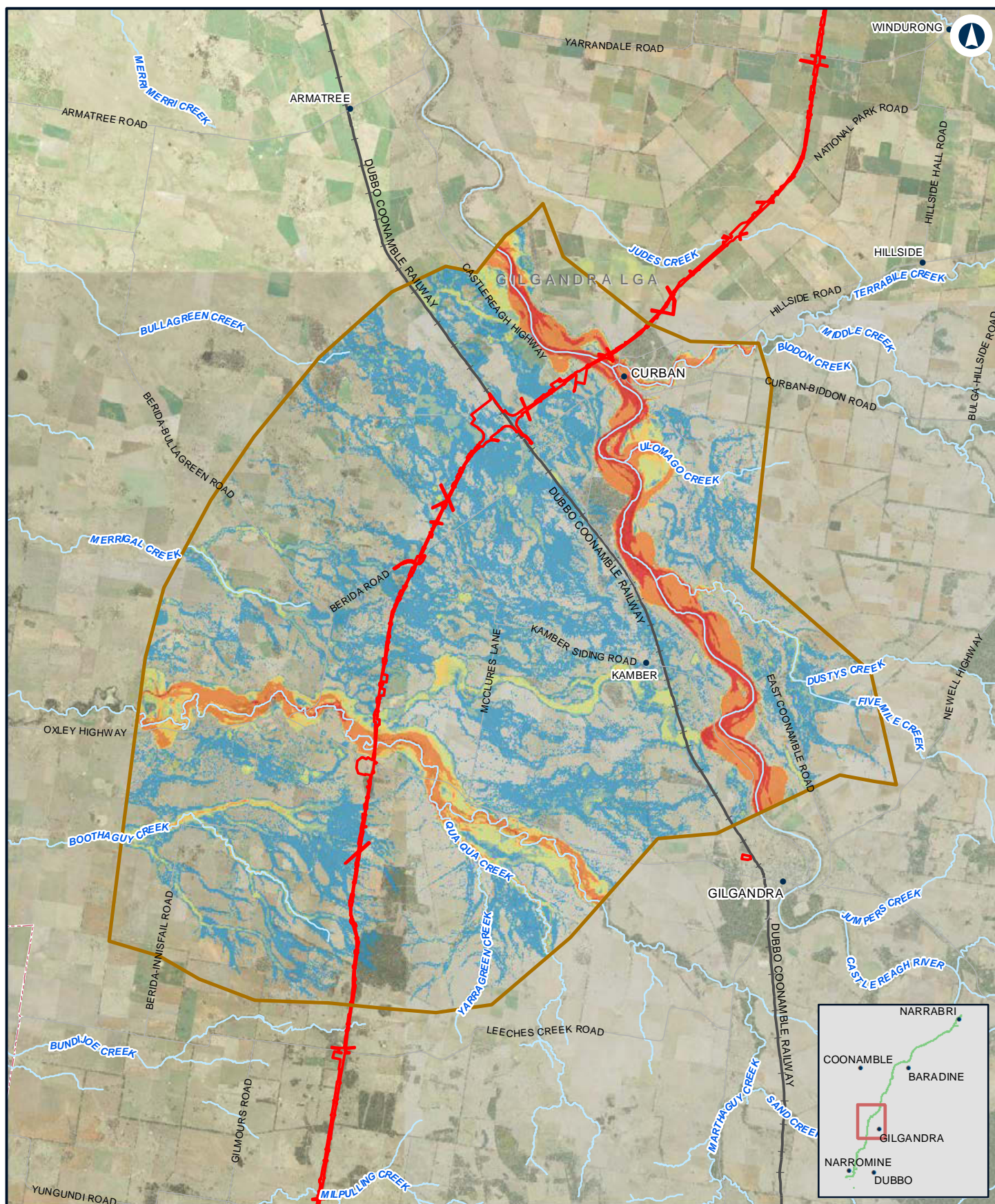
LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N11N12

Appendix D - Figure 4.7d

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Author: JacobsGHD

Scale: 1:200,000

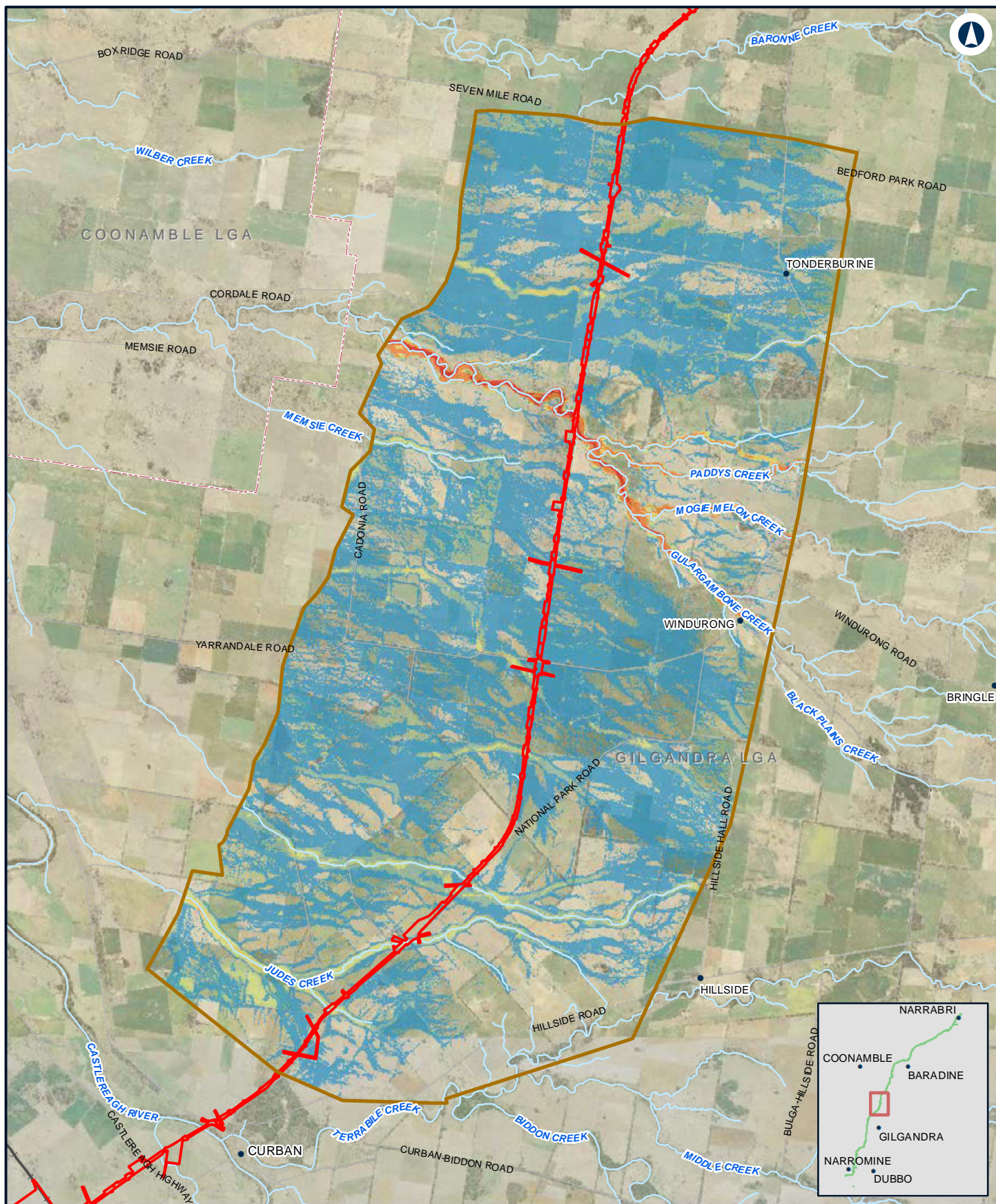
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N10

Appendix D - Figure 4.7e

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:130,000

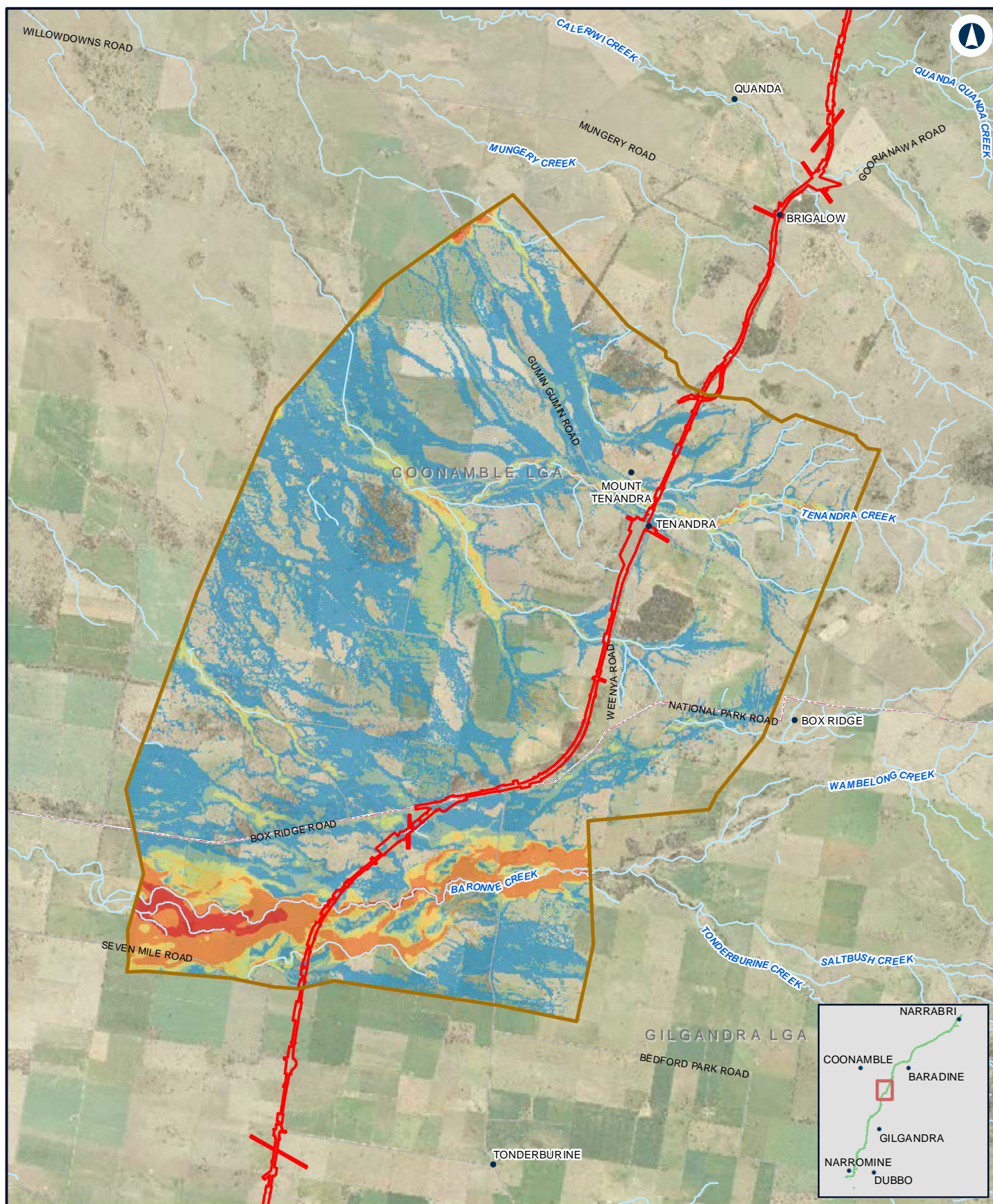
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N9

Appendix D - Figure 4.7f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:110,000

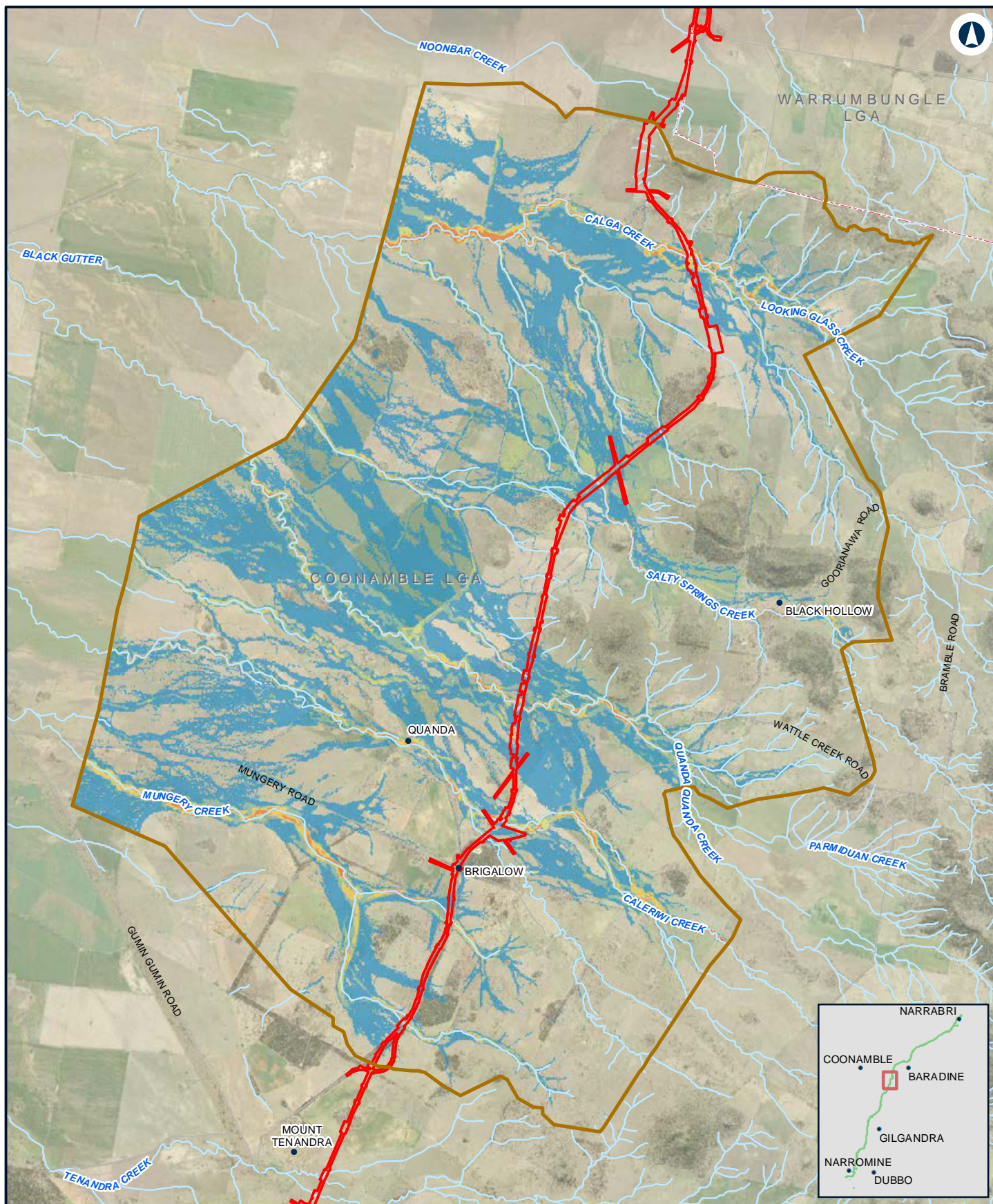
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N8

Appendix D - Figure 4.7g

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

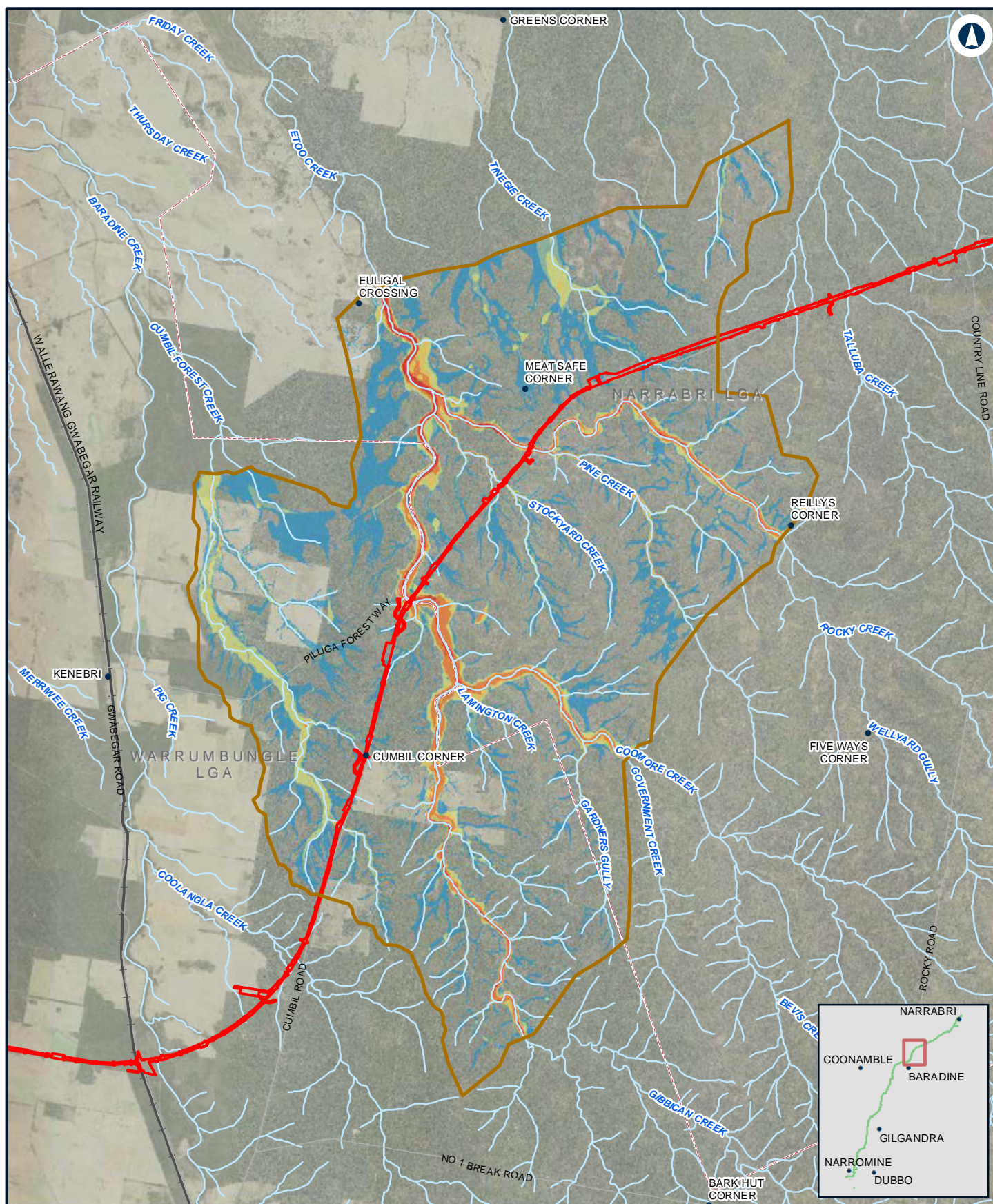
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N6

Appendix D - Figure 4.7i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

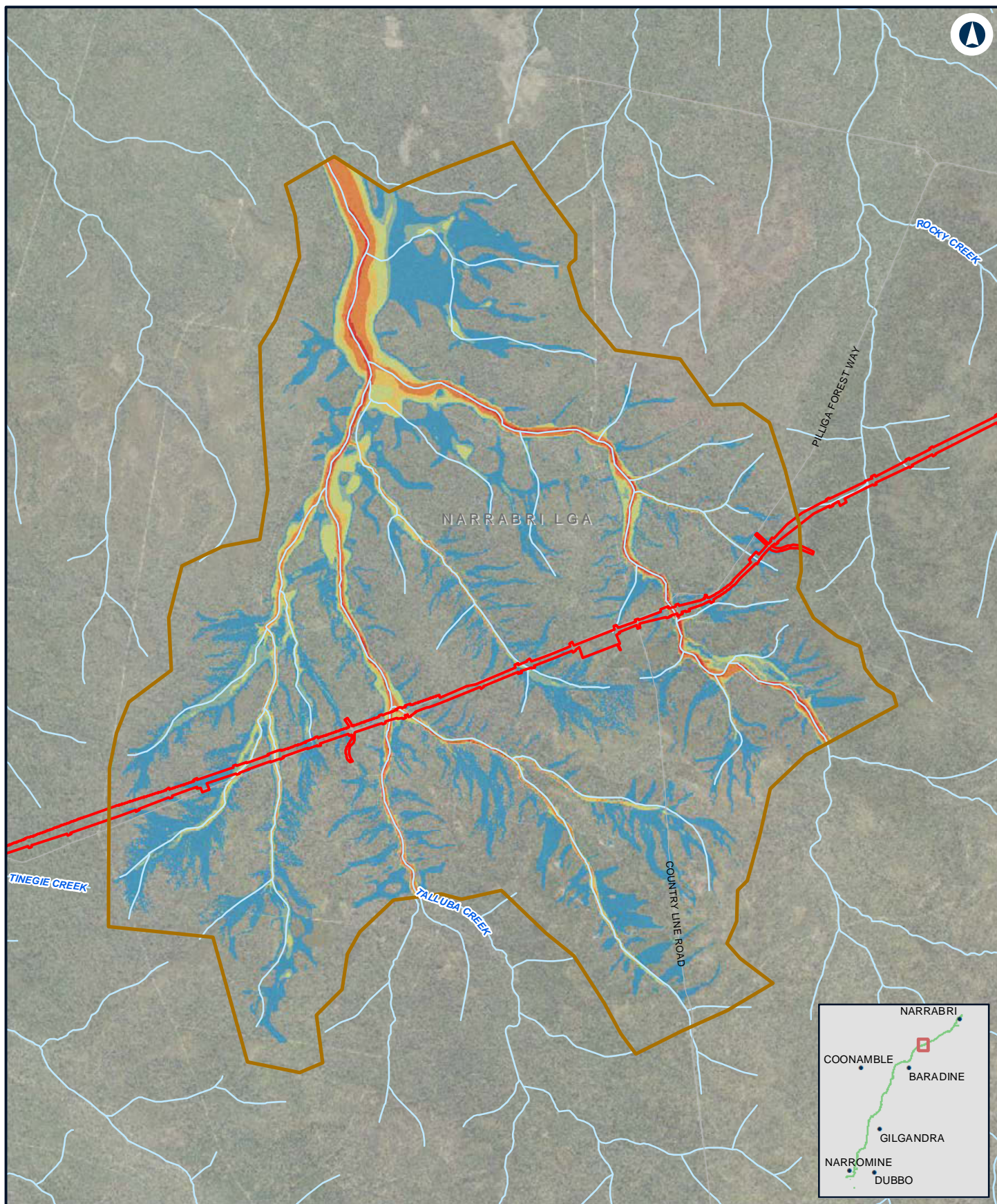
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N5

Appendix D - Figure 4.7j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

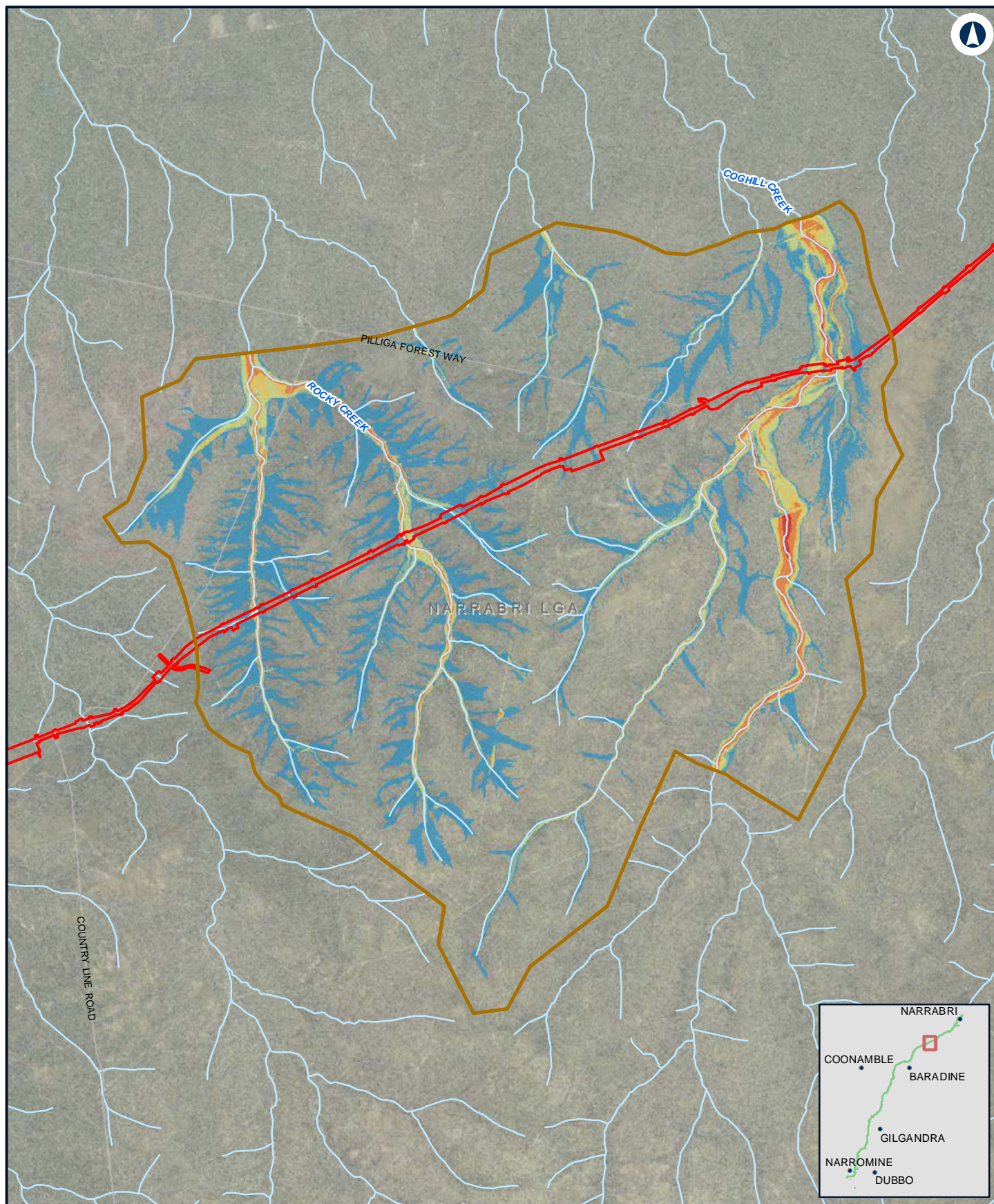
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N4

Appendix D - Figure 4.7k

0 1 2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

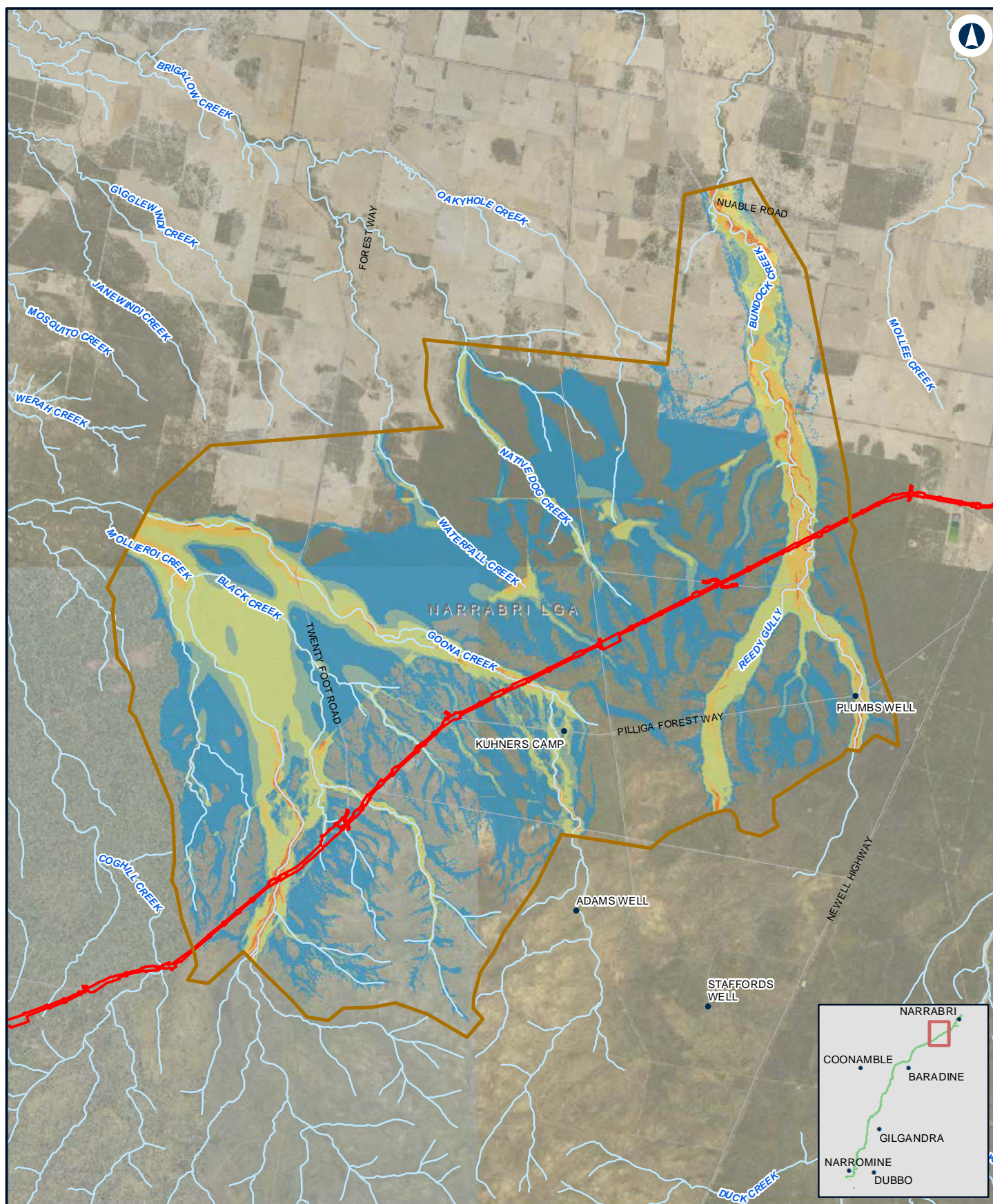
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N23

Appendix D - Figure 4.7I

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

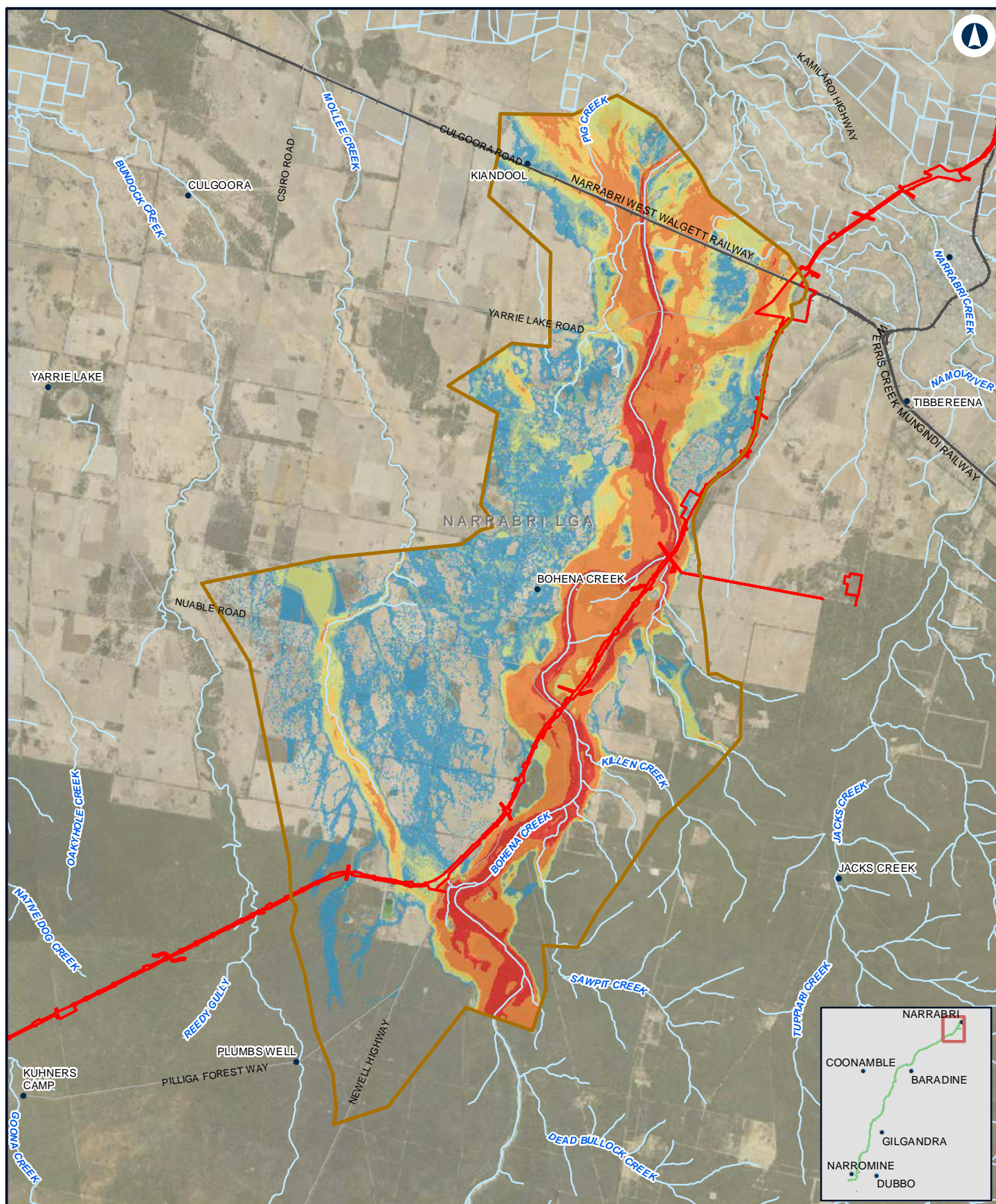
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - N2N1

Appendix D - Figure 4.7m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

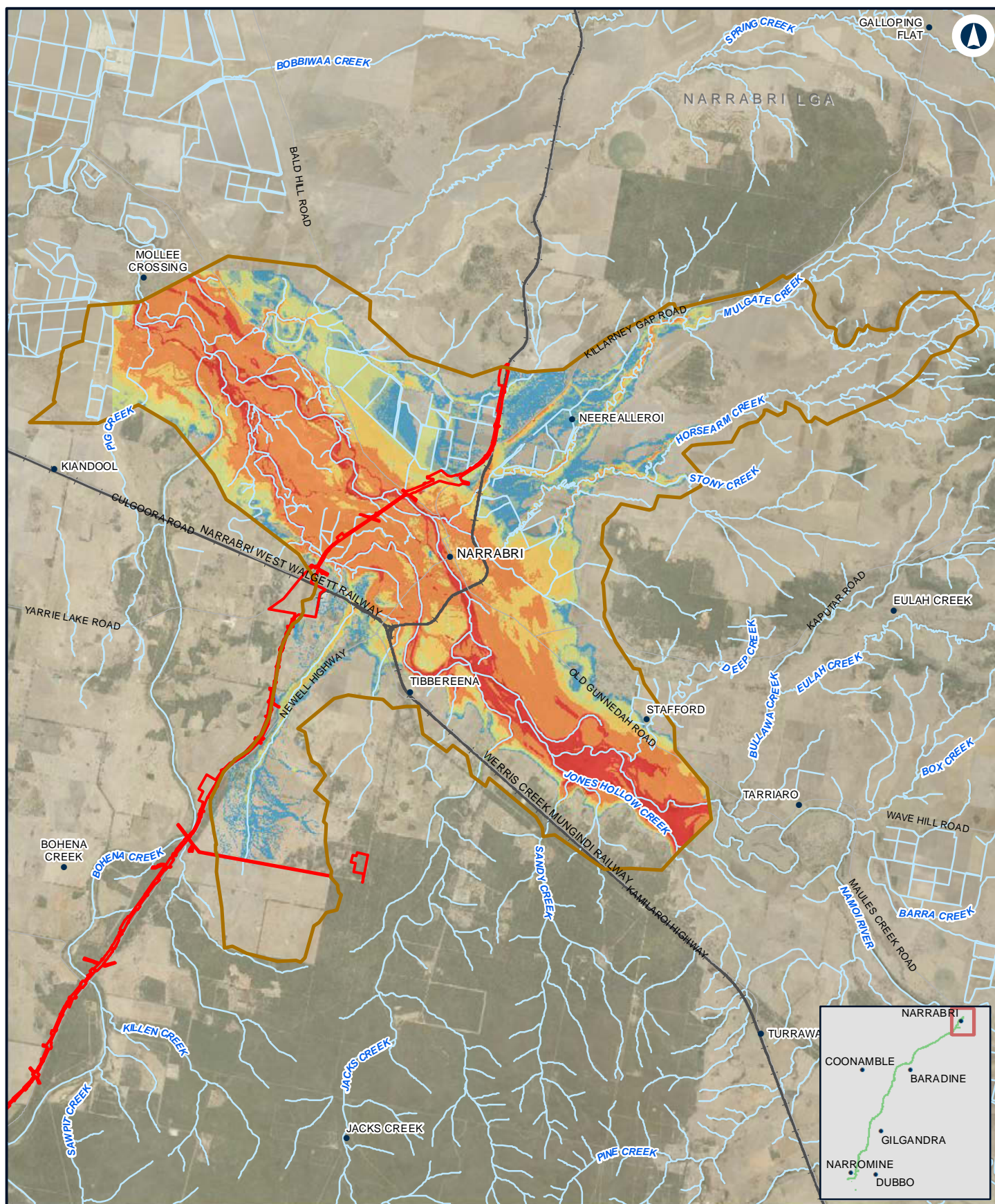
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - 0.2% AEP - Narrabri

Appendix D - Figure 4.7n

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

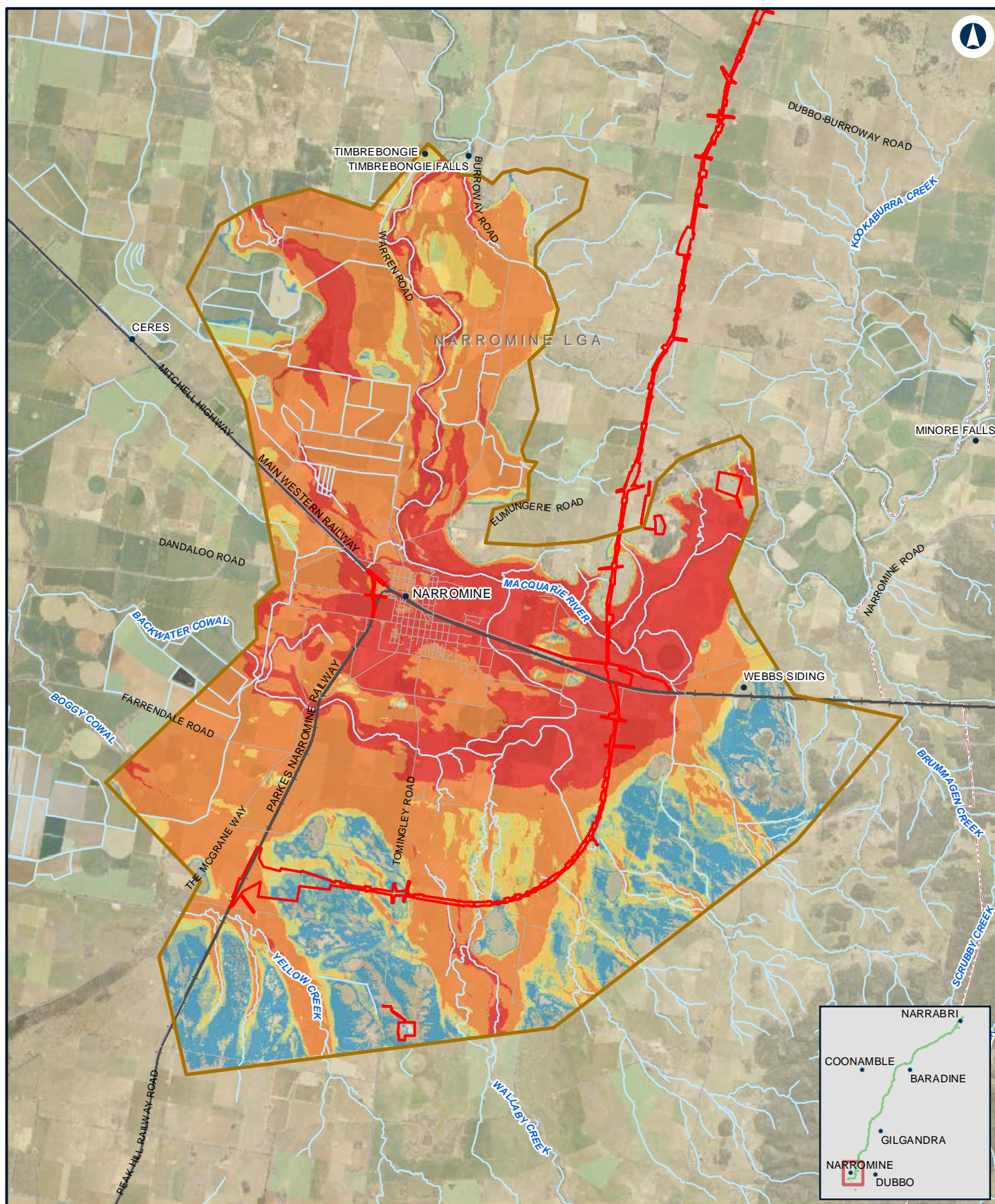
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - NFM

Appendix D - Figure 4.8a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

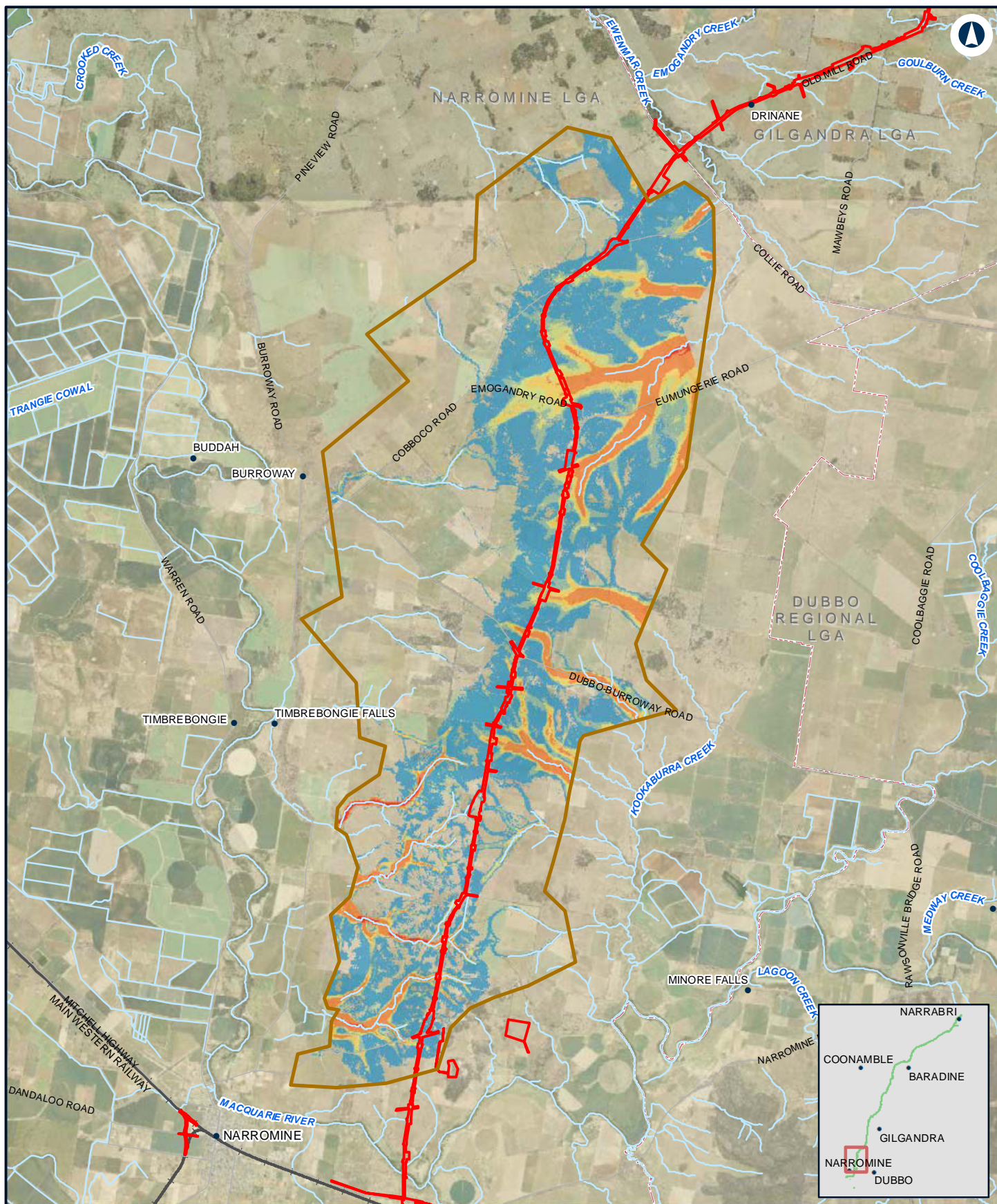
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N14

Appendix D - Figure 4.8b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022

Author: JacobsGHD

Scale: 1:150,000

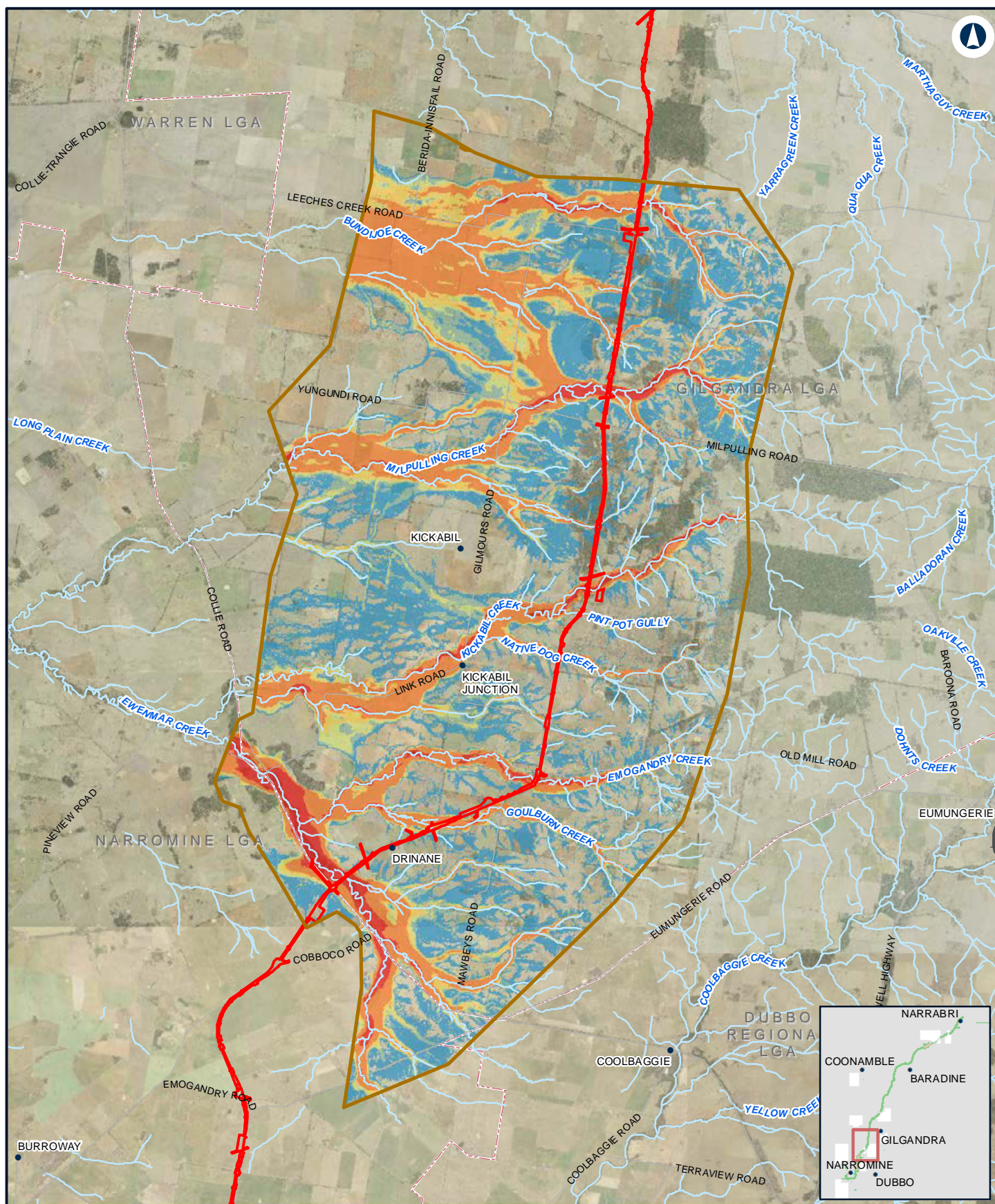
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N13

Appendix D - Figure 4.8c

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:180,000

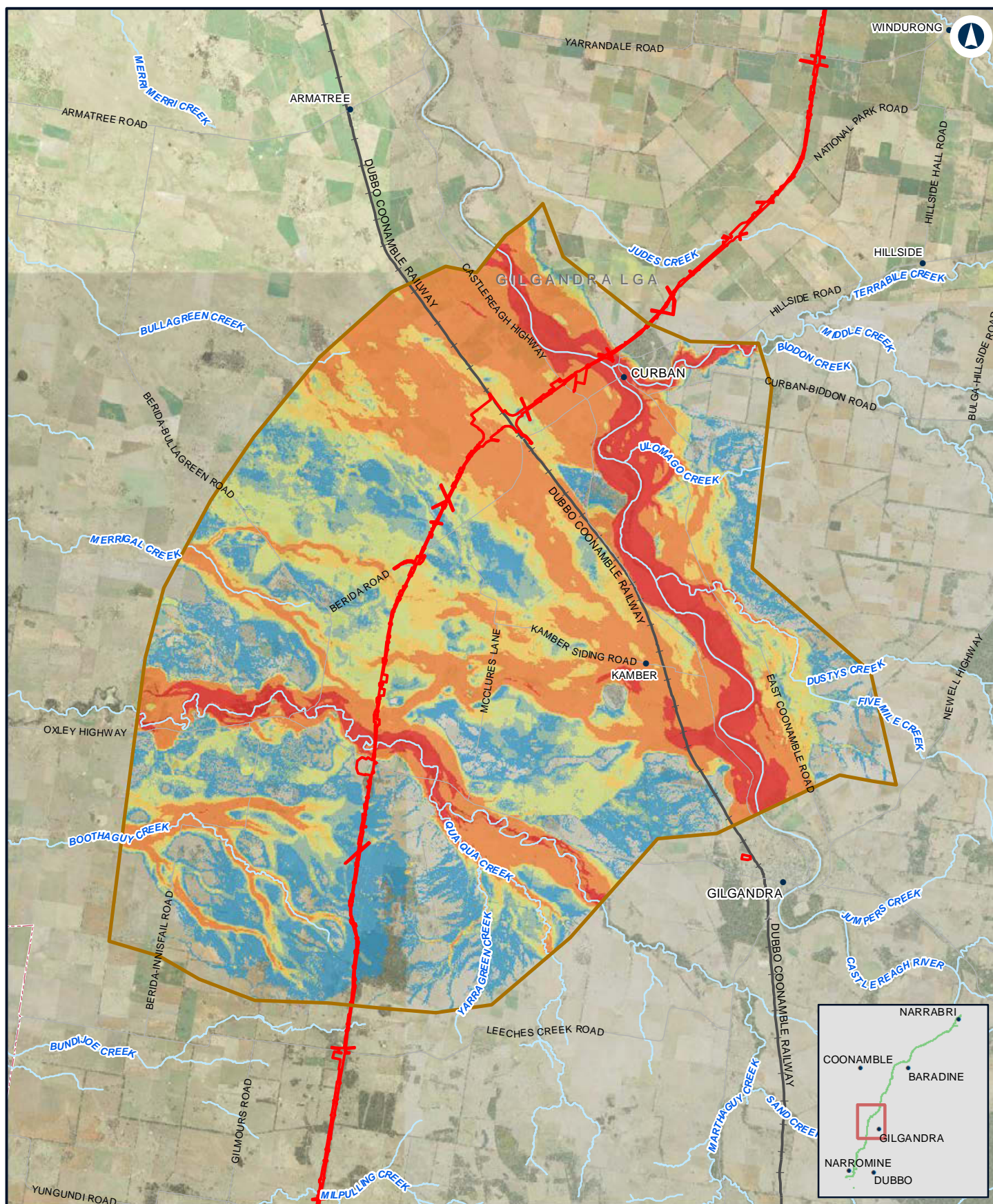
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N11N12

Appendix D - Figure 4.8d

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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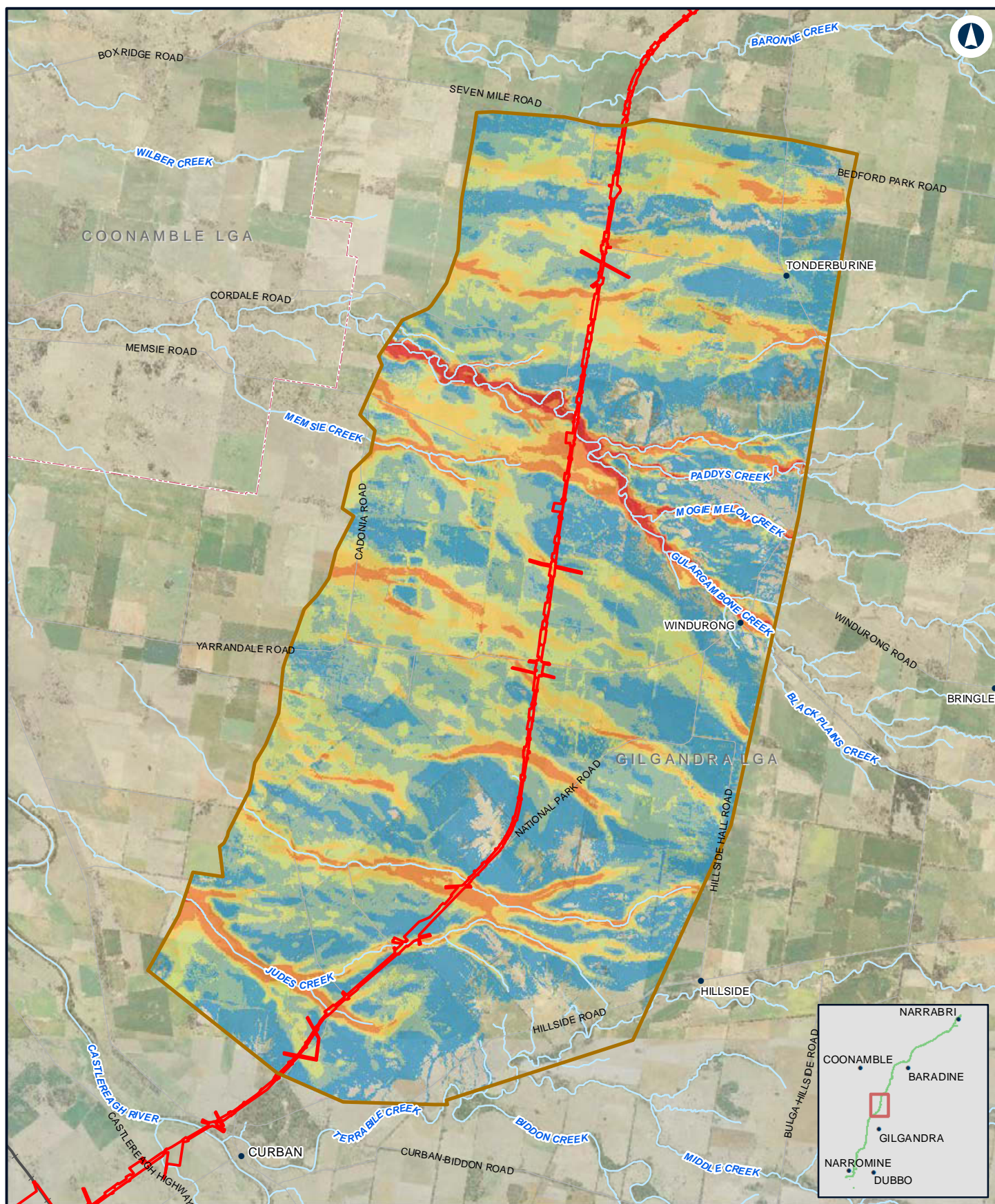
Date: 10/08/2022
Author: JacobsGHD
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N10

Appendix D - Figure 4.8e

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:130,000

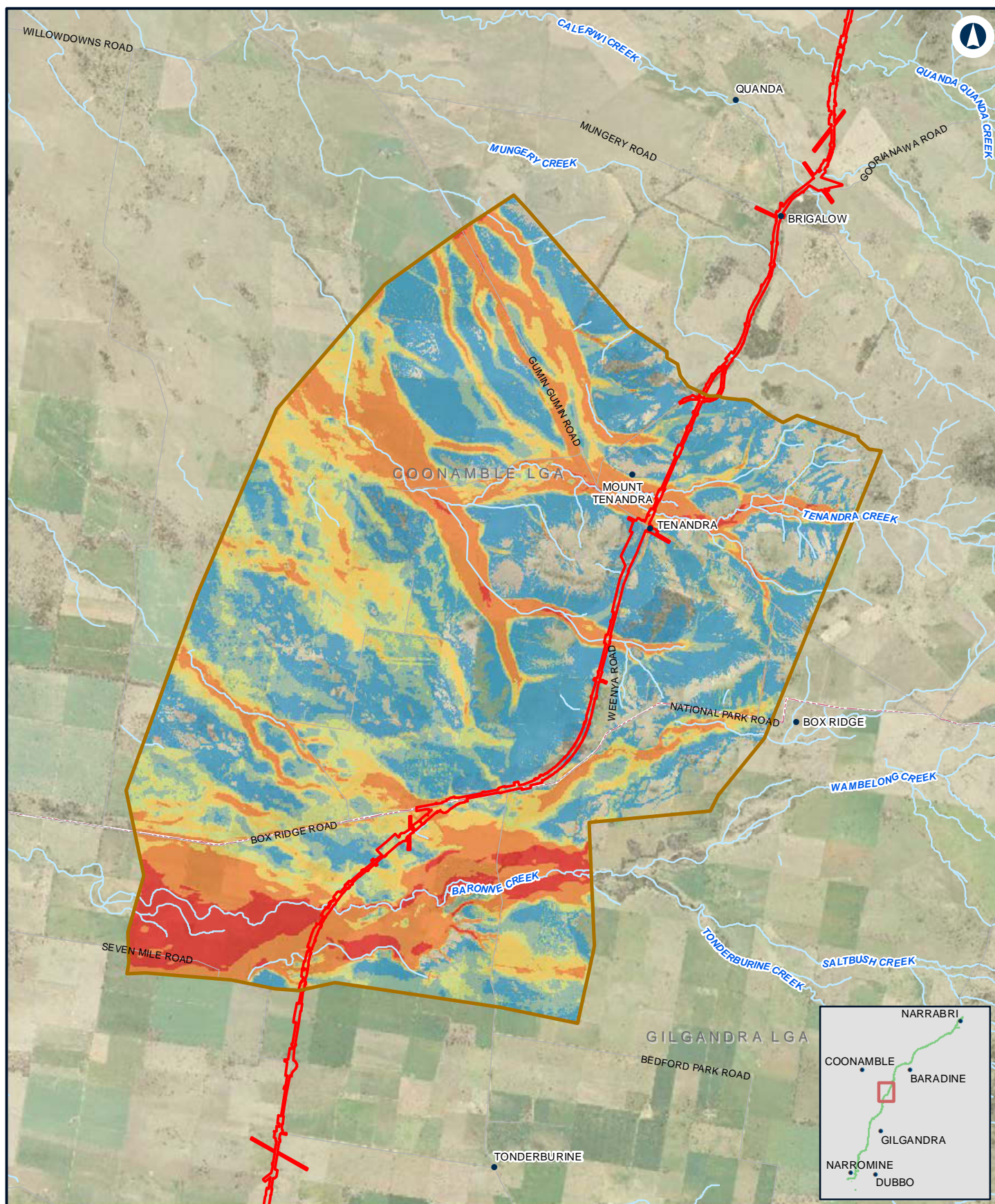
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N9

Appendix D - Figure 4.8f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Author: JacobsGHD

Paper: A4
Scale: 1:110,000

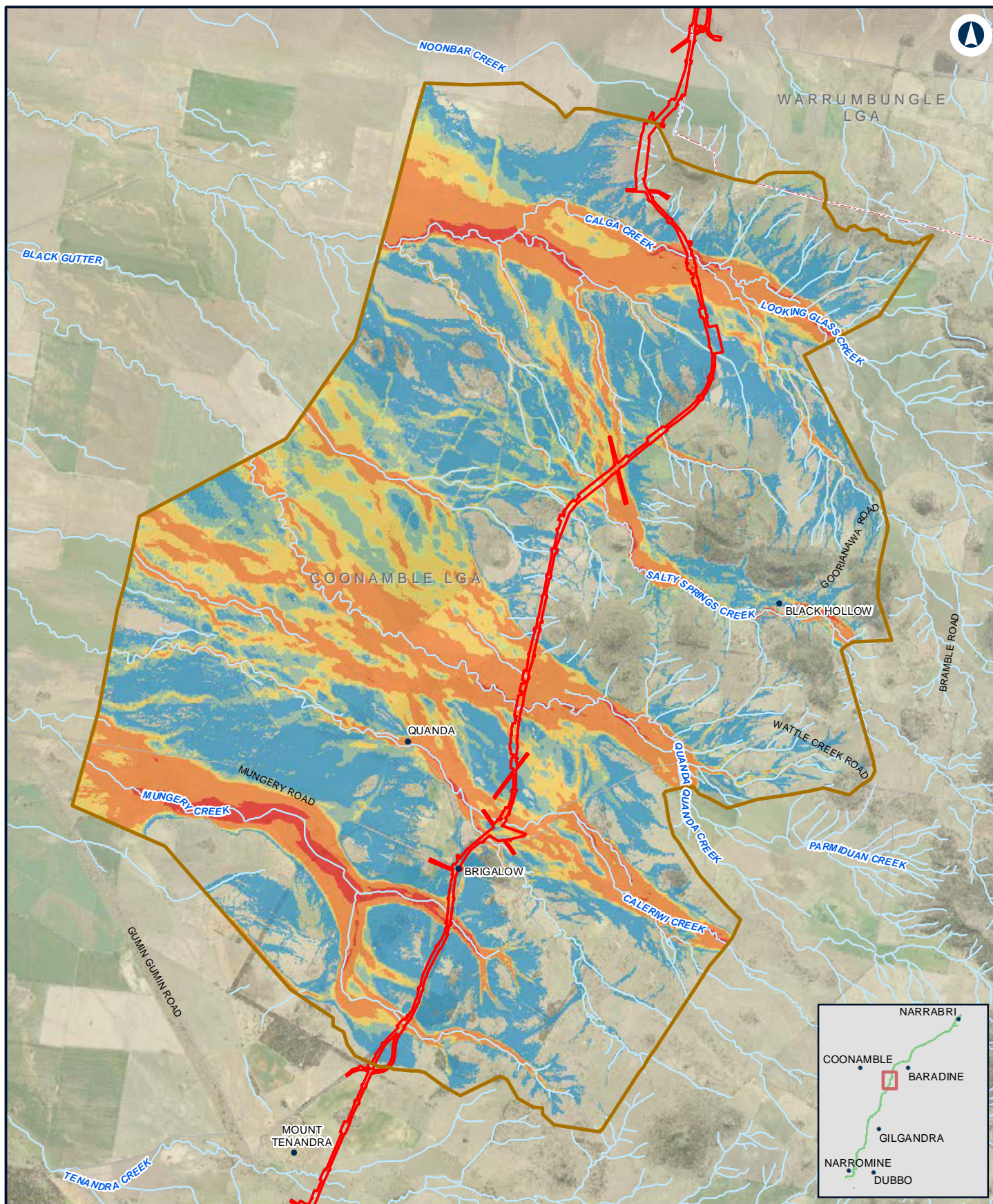
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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

INLAND RAIL **ARTC**

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



NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N8

Appendix D - Figure 4.8g

0 1 2
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:100,000

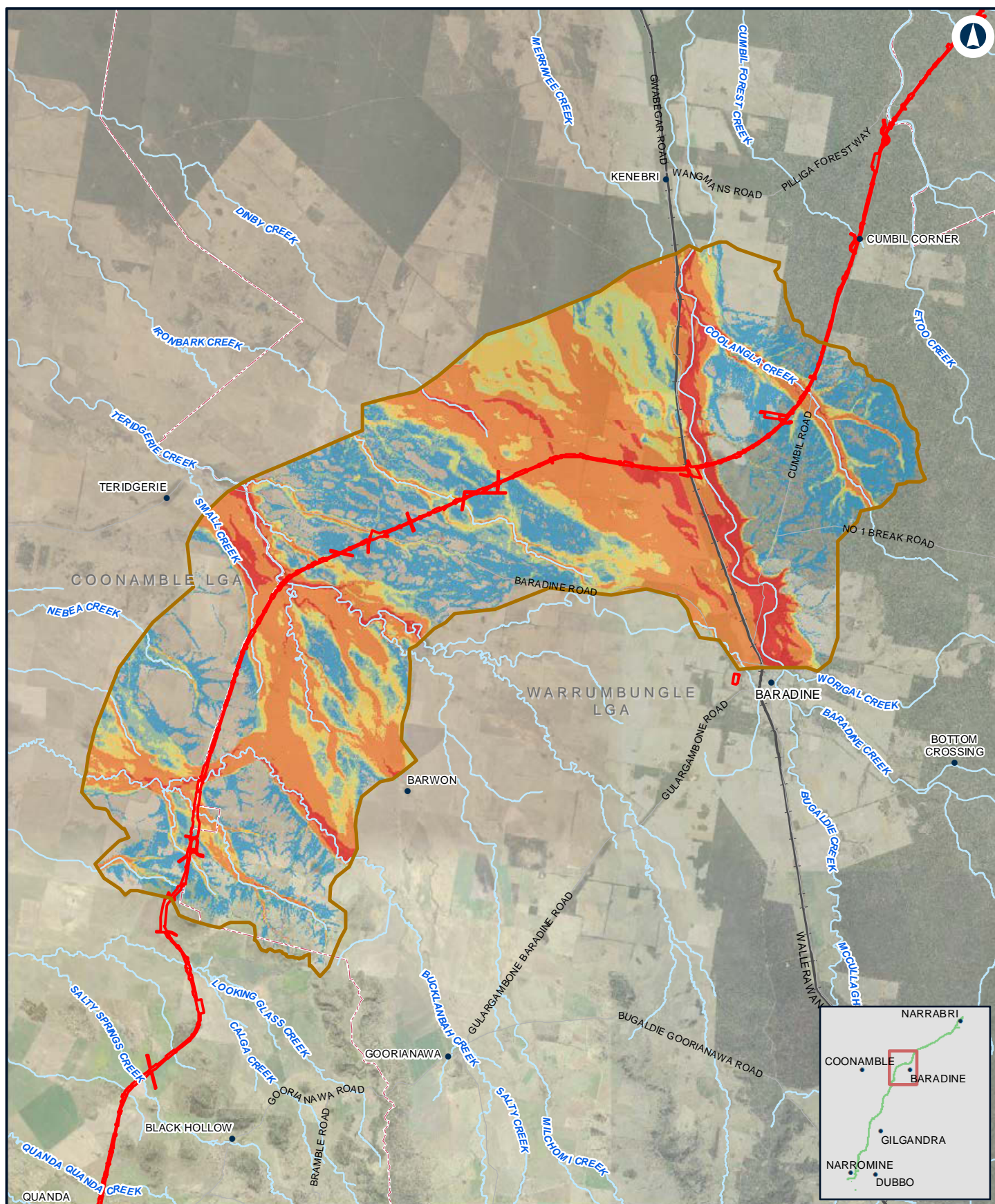
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N7

Appendix D - Figure 4.8h

0 2.5 5
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:200,000

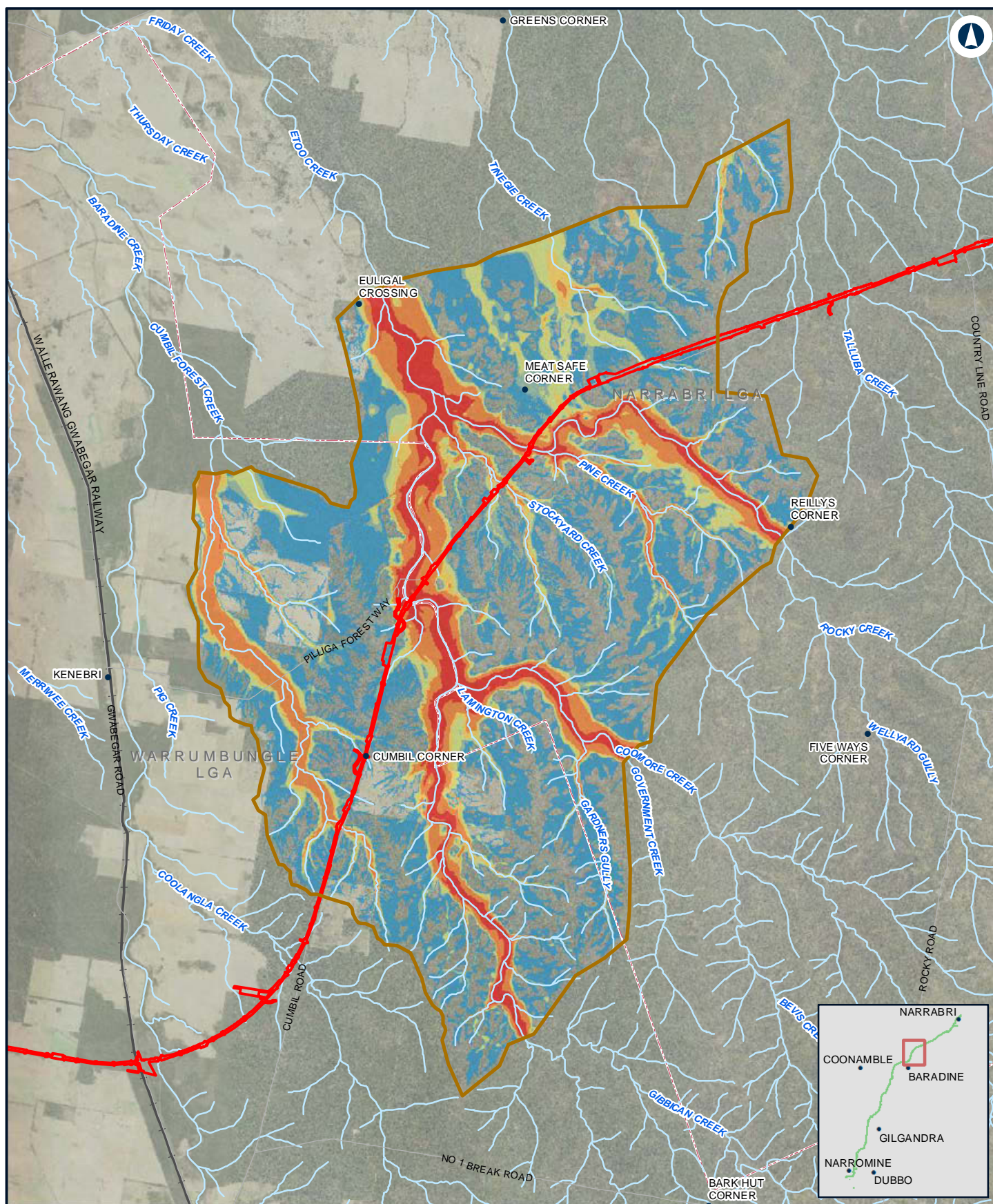
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N6

Appendix D - Figure 4.8i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

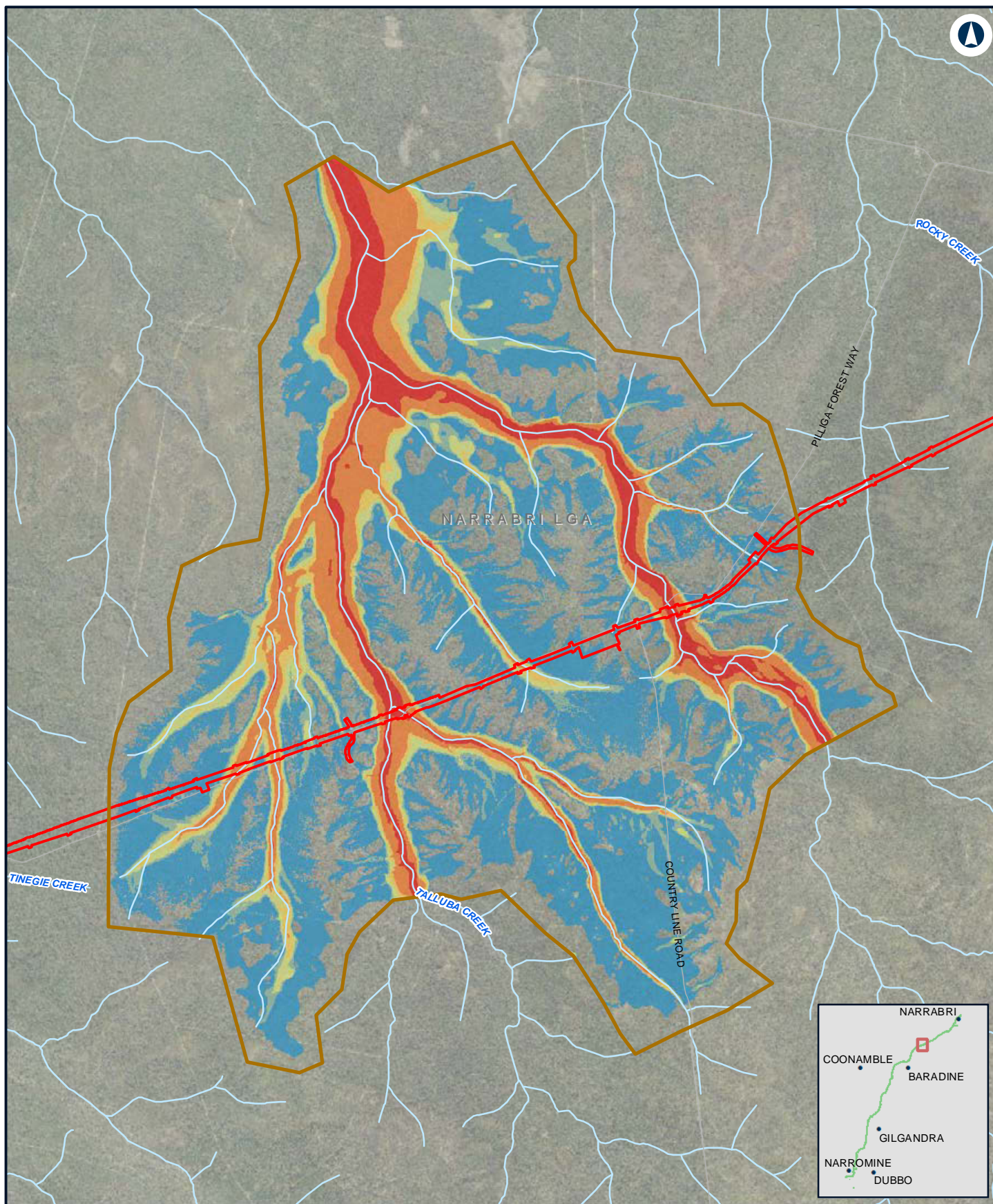
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N5

Appendix D - Figure 4.8j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:70,000

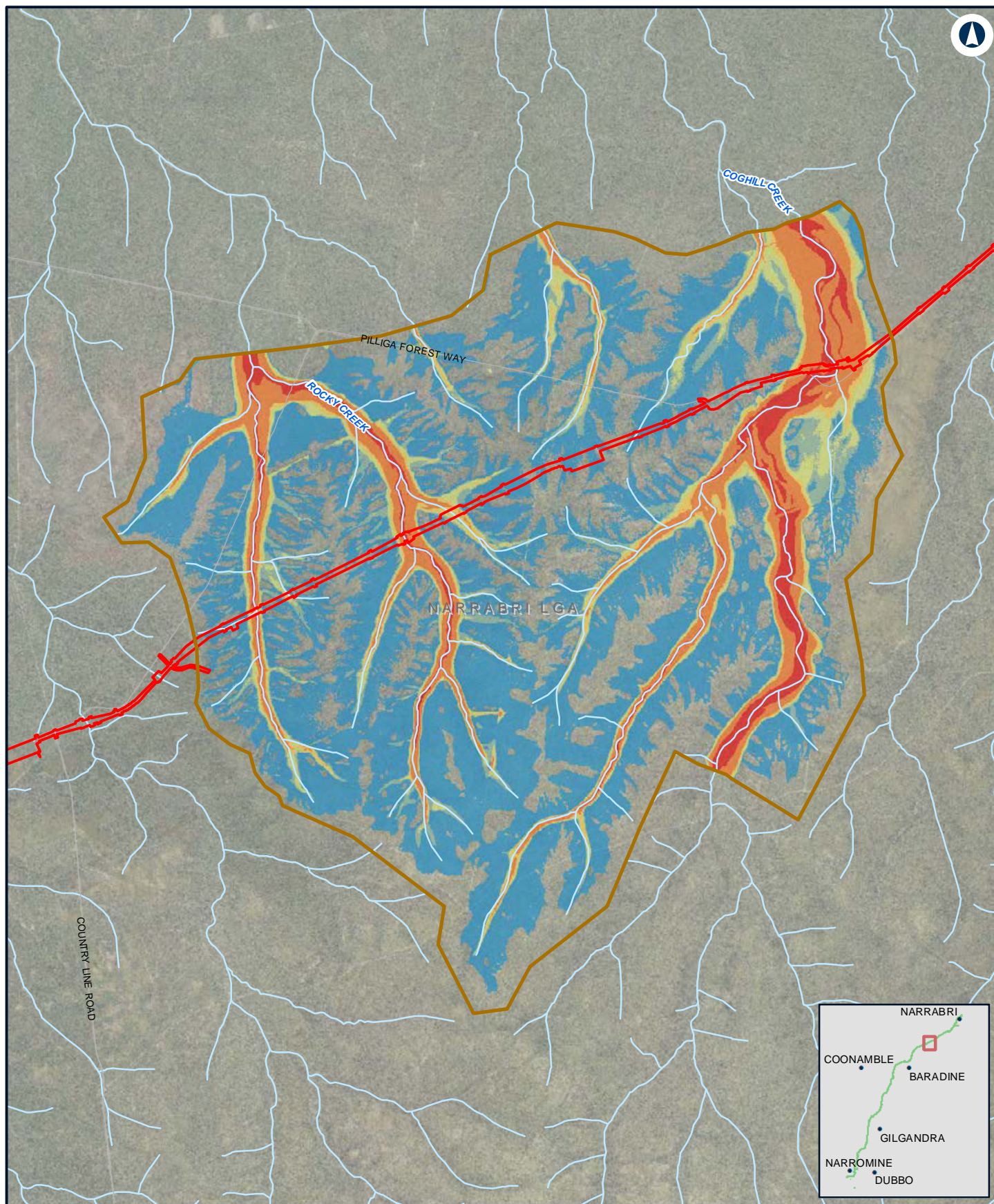
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N4

Appendix D - Figure 4.8k

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:80,000

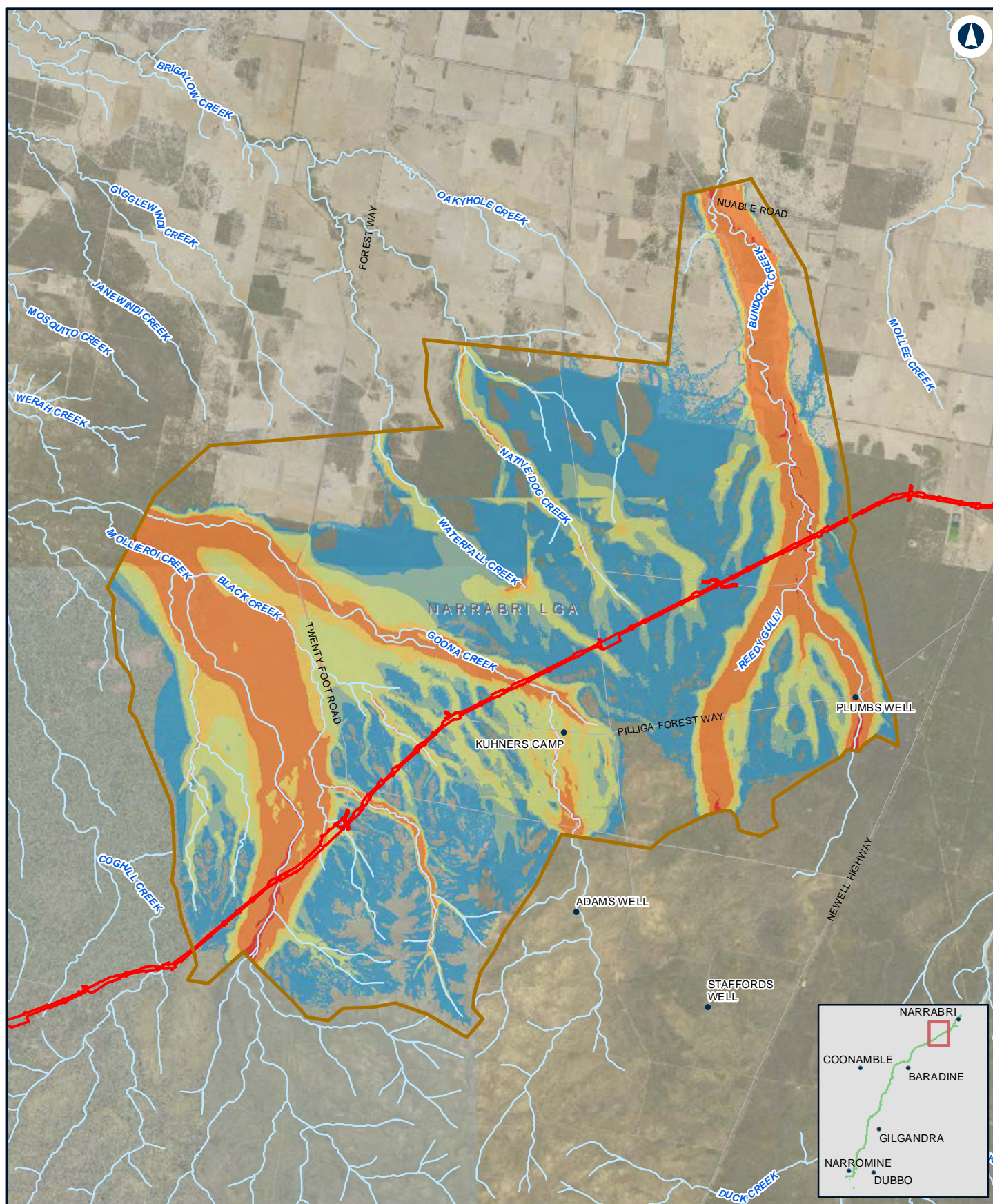
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARRABRI TO NARRABRI

Existing flood hazard - PMF - N2N23

Appendix D - Figure 4.8I

0 1.5 3
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:140,000

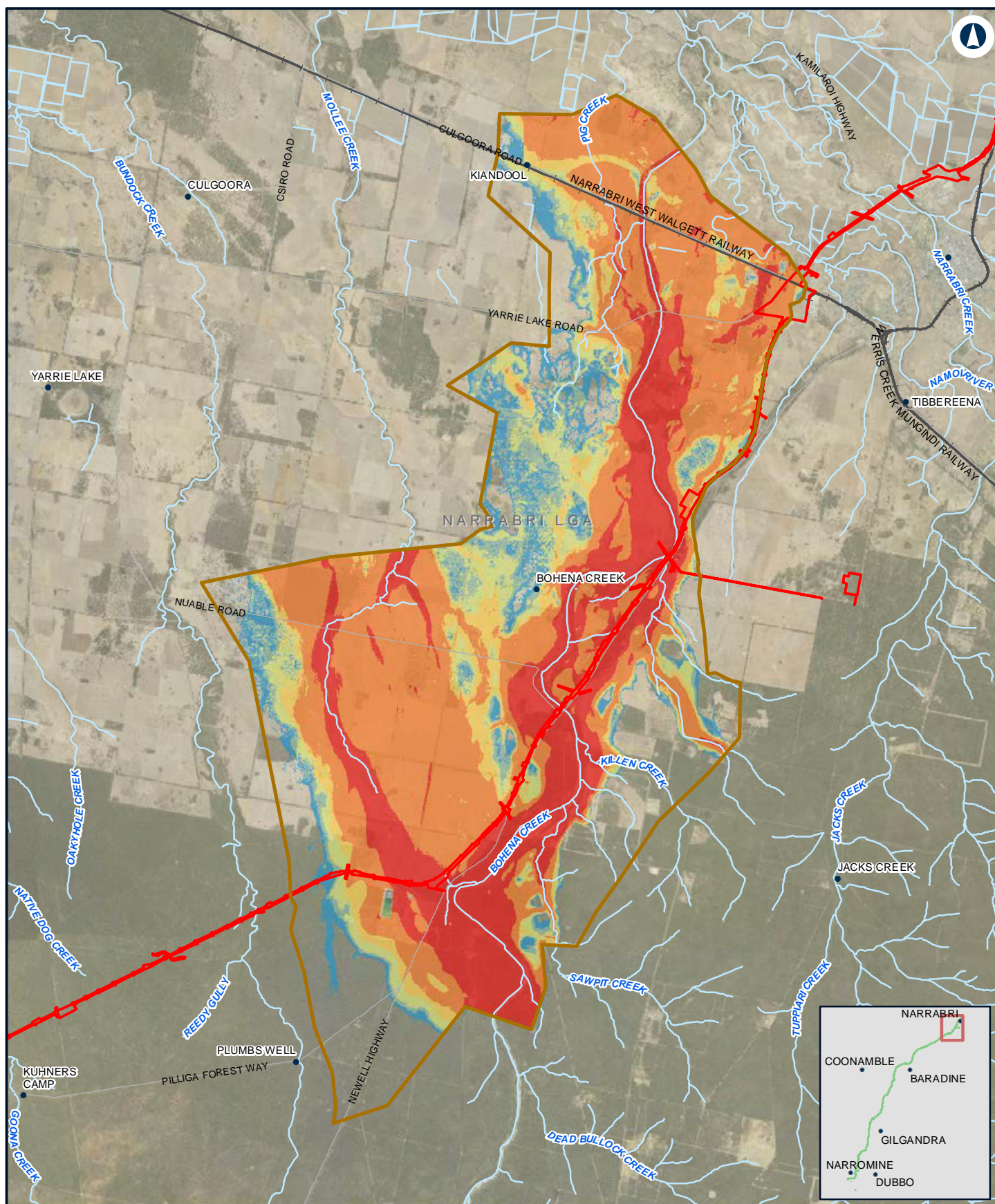
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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NARROMINE TO NARRABRI

Existing flood hazard - PMF - N2N1

Appendix D - Figure 4.8m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022
Author: JacobsGHD

Paper: A4
Scale: 1:150,000

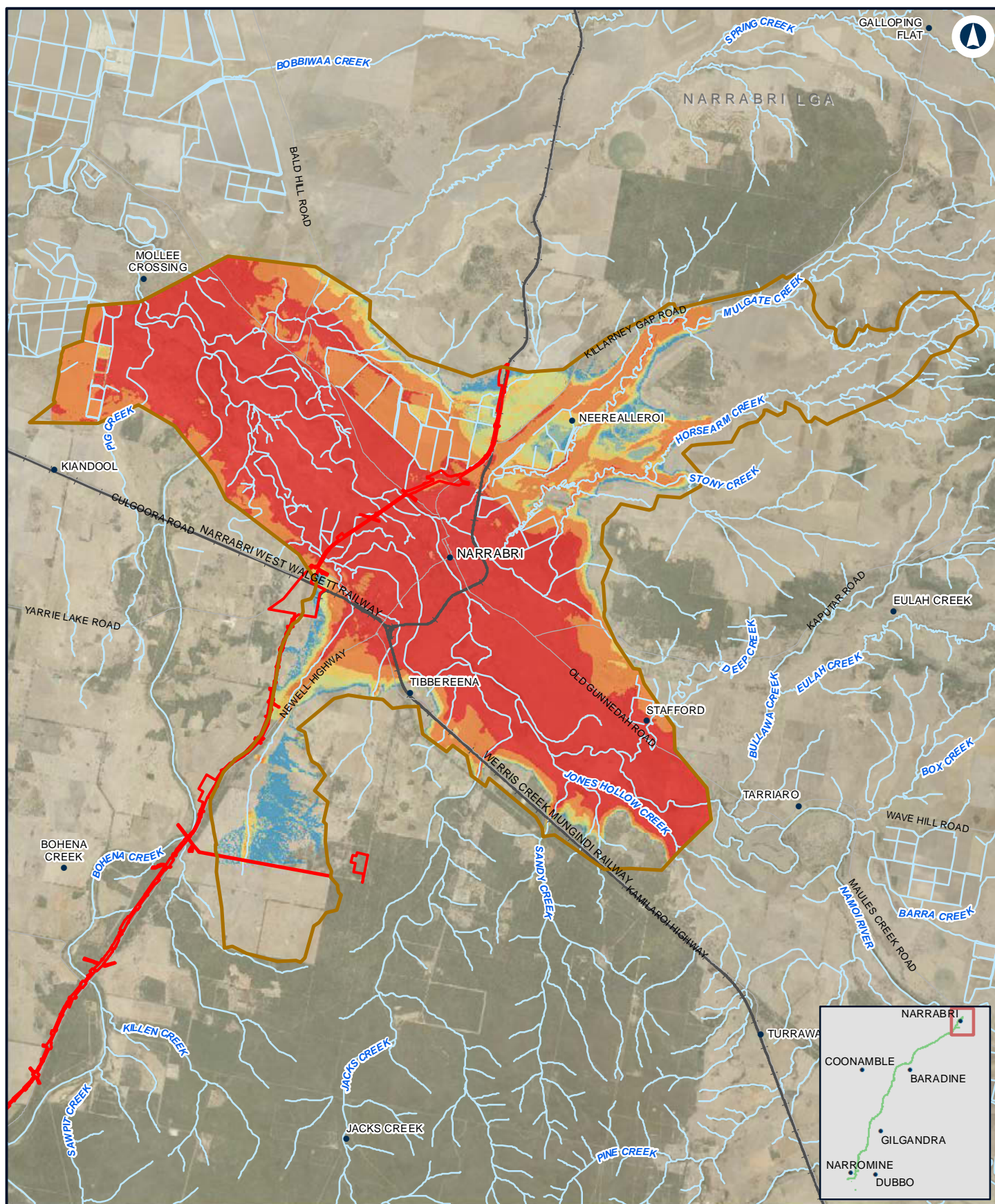
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

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- Model boundary
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Narromine to Narrabri

Existing flood hazard - PMF - Narrabri

Appendix D - Figure 4.8n

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

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

LEGEND

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