

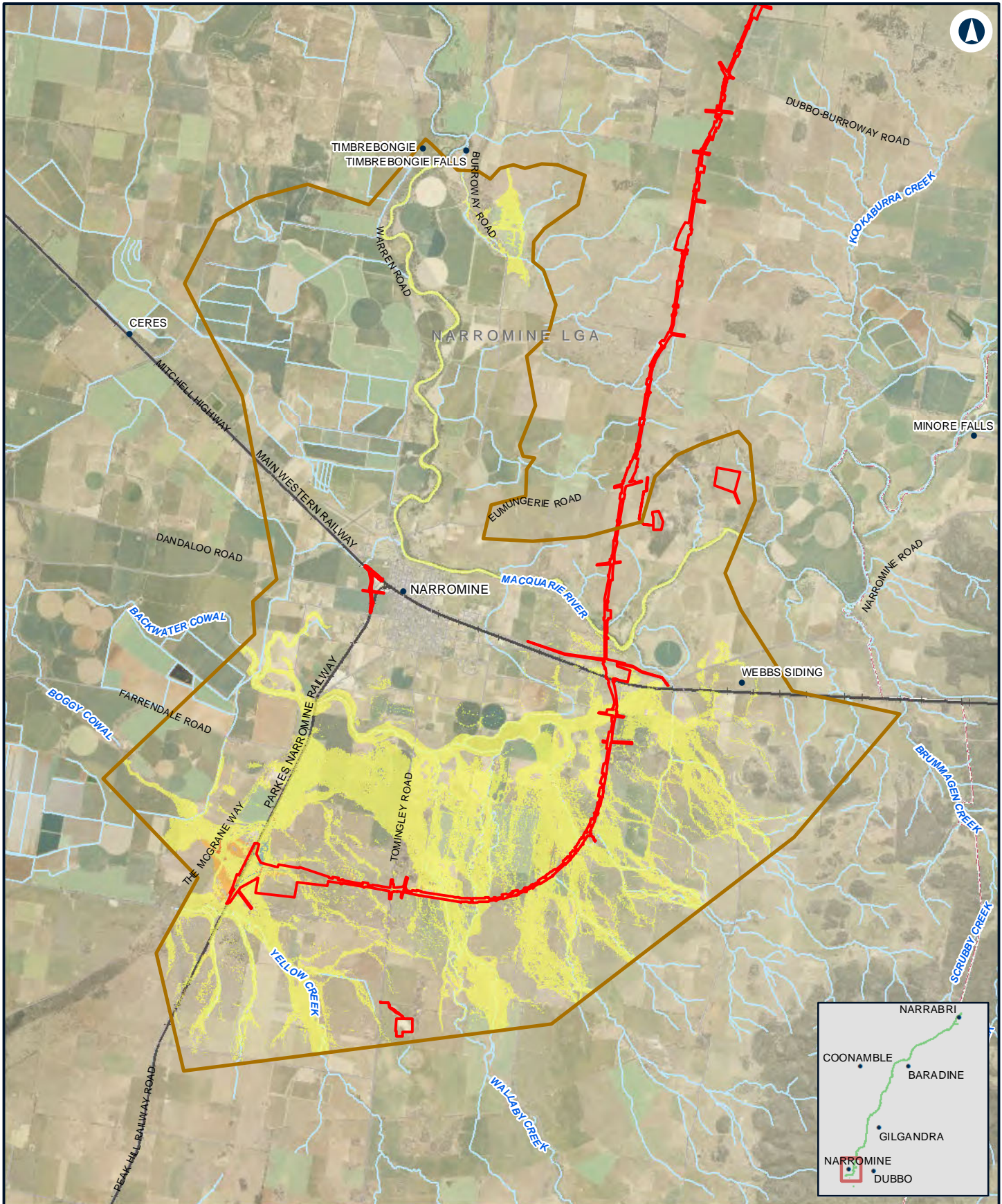
TECHNICAL REPORT 03

Updated flooding and hydrology assessment

Appendix G4 Operational— change in hazard

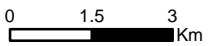
NARROMINE TO NARRABRI PROJECT





NARROMINE TO NARRABRI Change in flood hazard - 20% AEP - NFM

Appendix G - Figure 4.1a



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

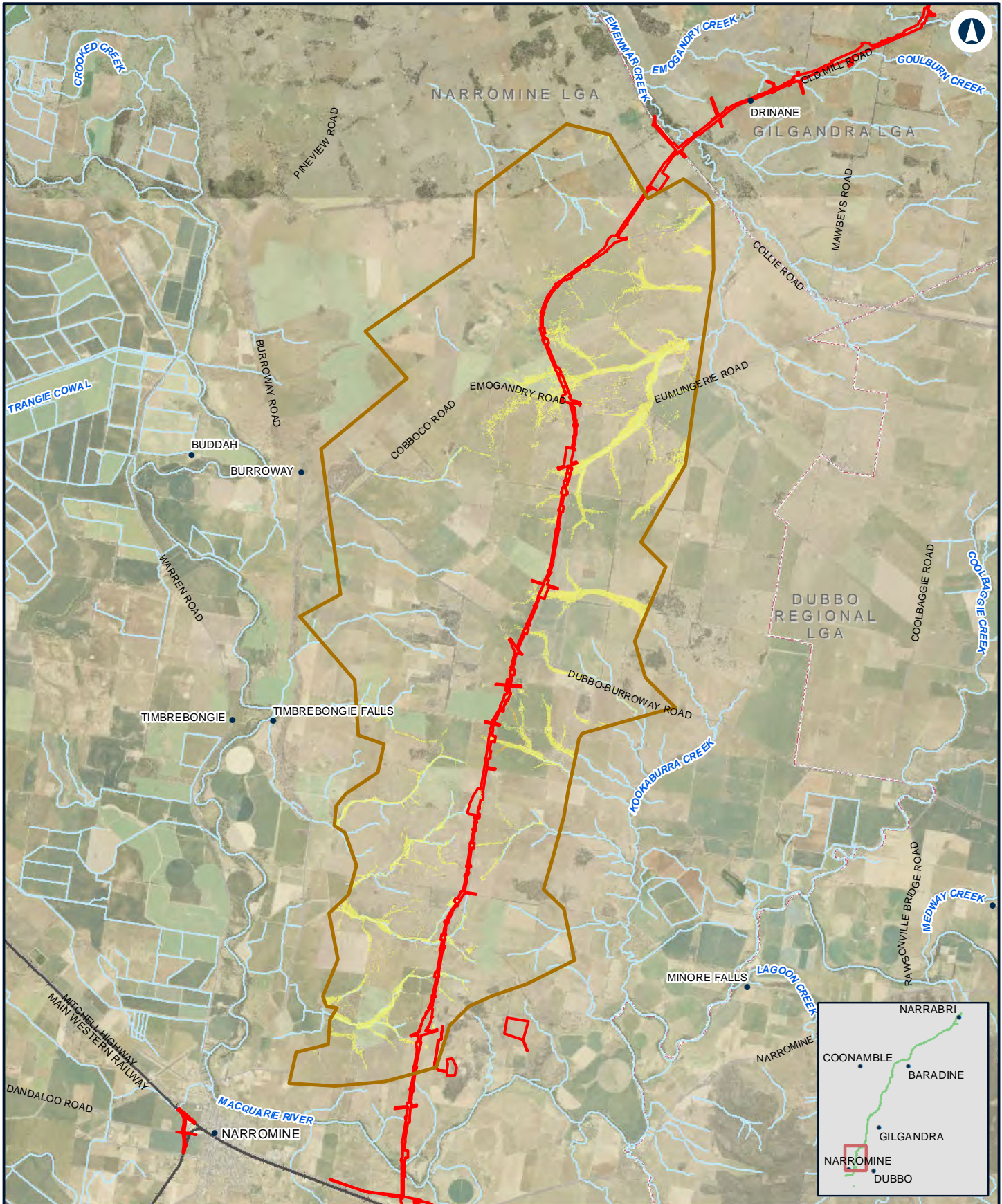
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



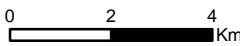
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N14

Appendix G - Figure 4.1b



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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

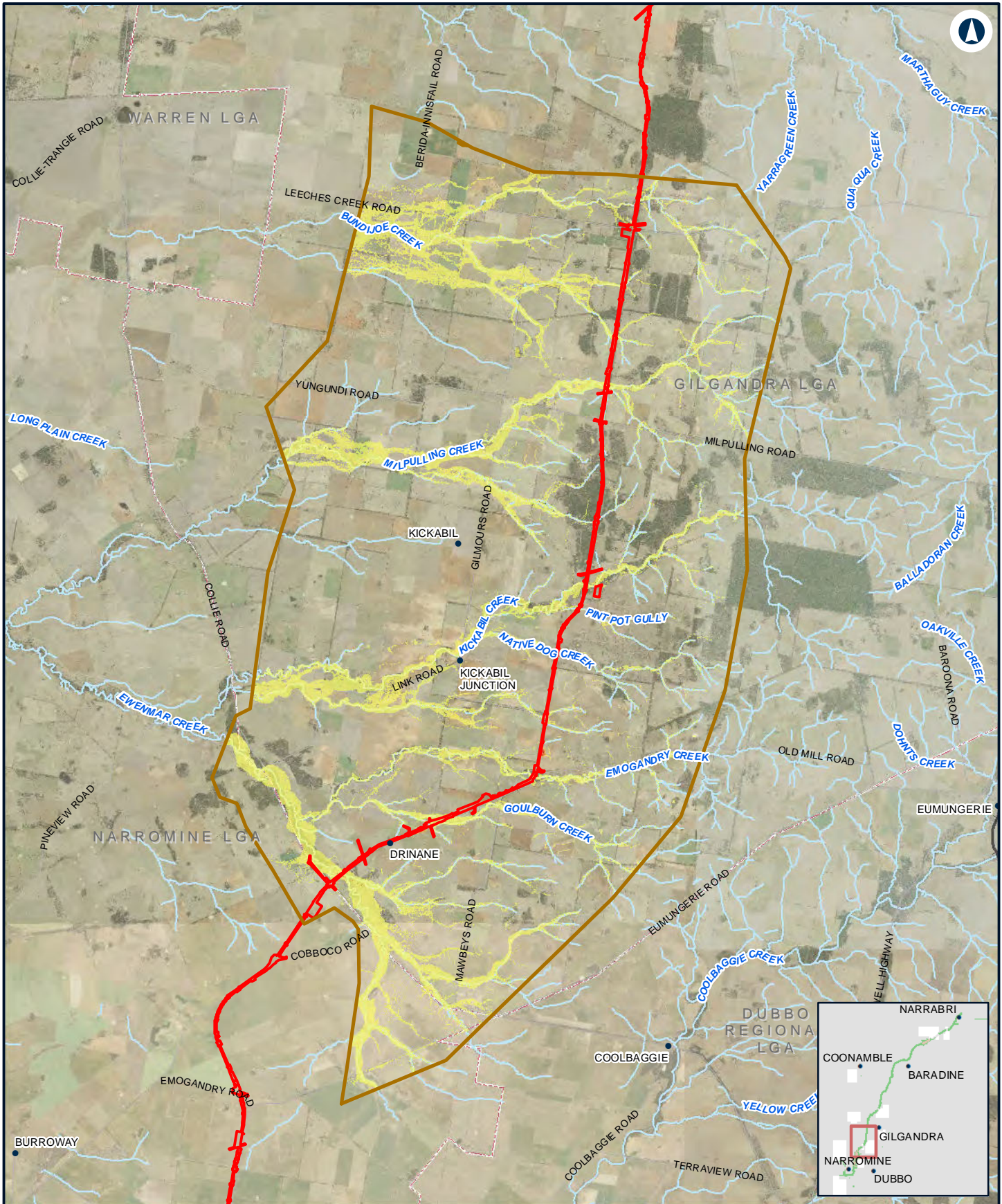
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Was low, now dry
- Was high, now low
- Was high, now dry
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



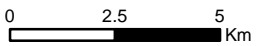
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N13

Appendix G - Figure 4.1c



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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

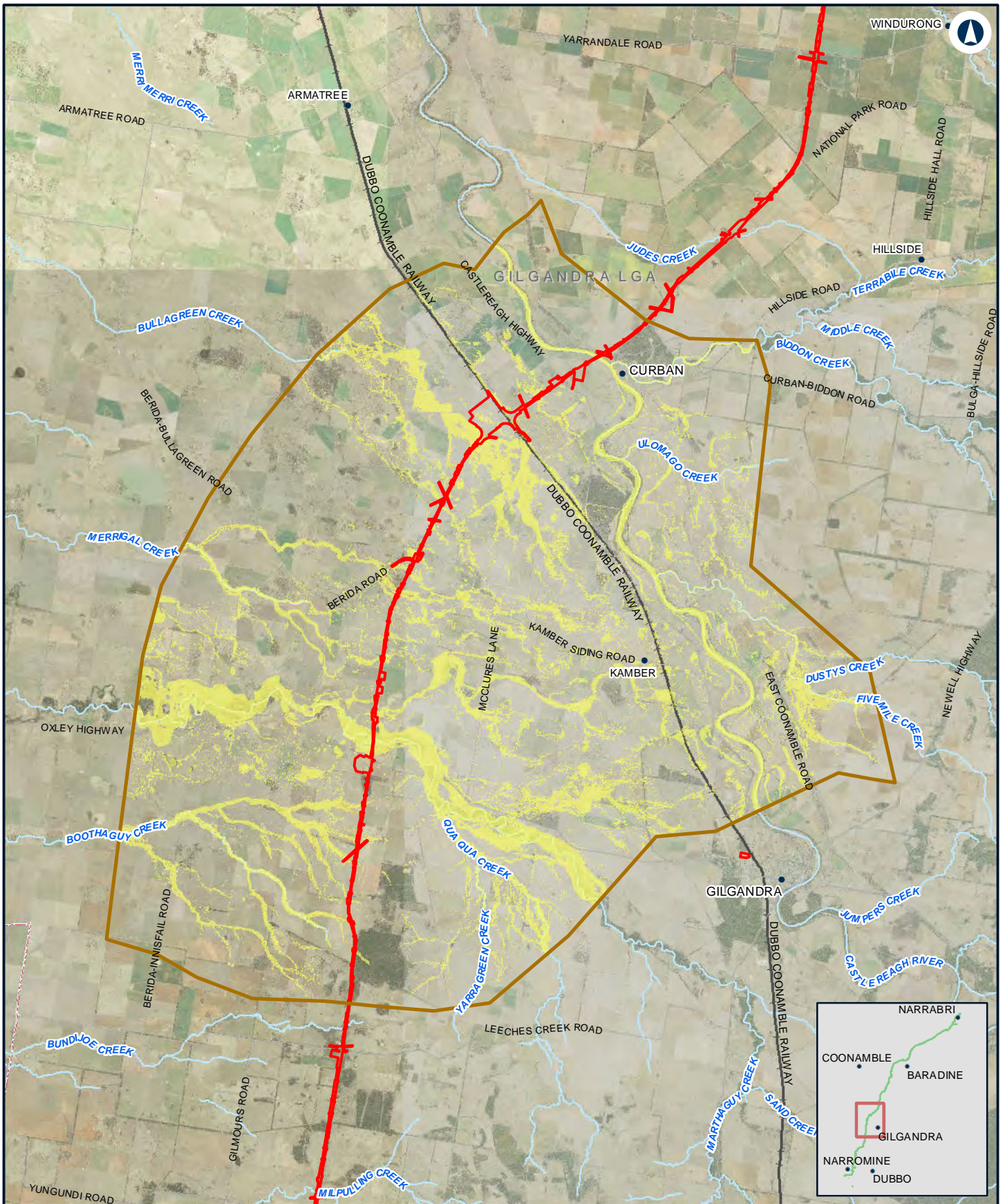
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARRIMINE TO NARRABRI Change in flood hazard - 20% AEP - N2N11N12

Appendix G - Figure 4.1d



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

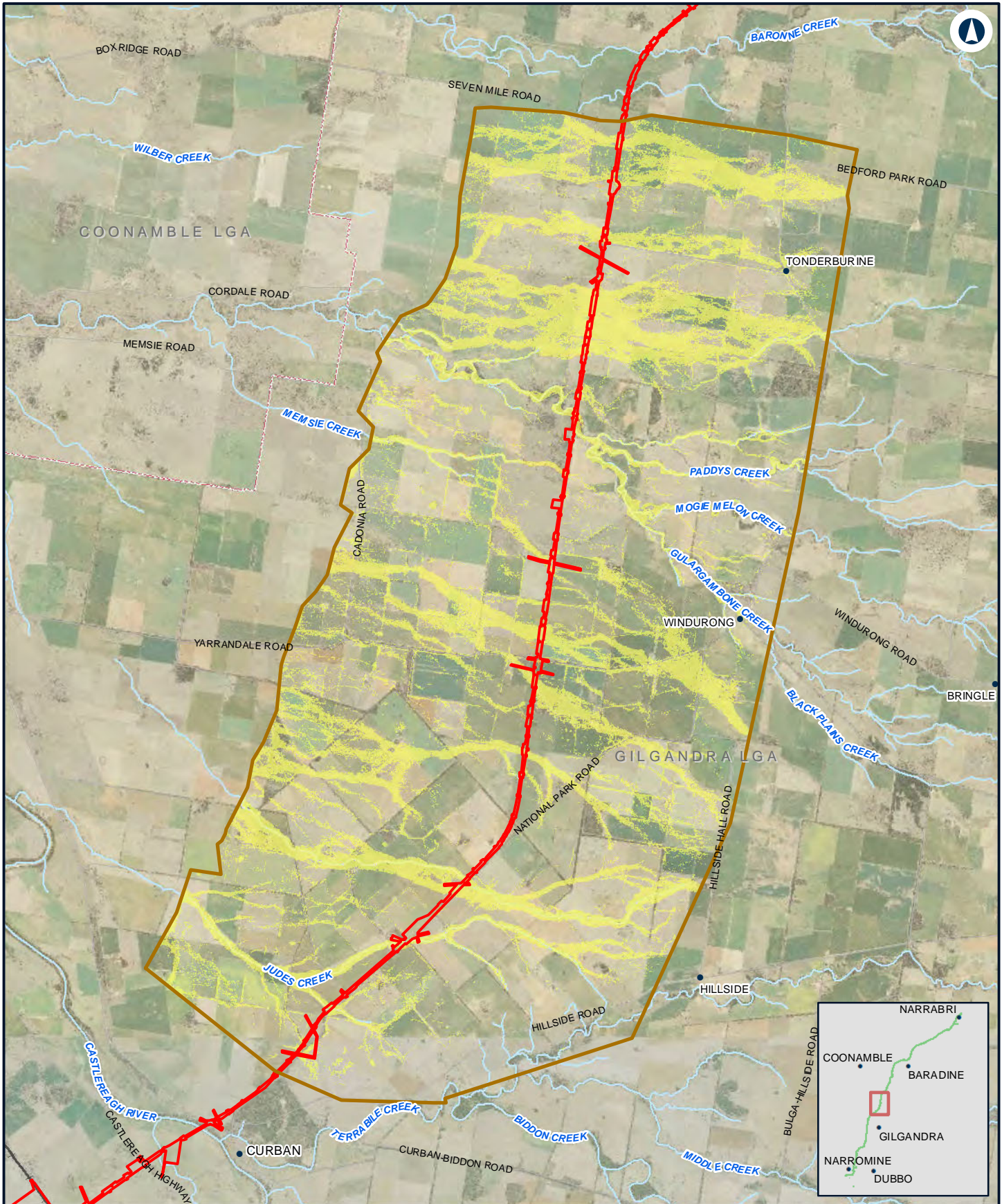
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was high, now low
- Was low, now dry
- Was high, now dry
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



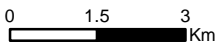
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N10

Appendix G - Figure 4.1e



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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

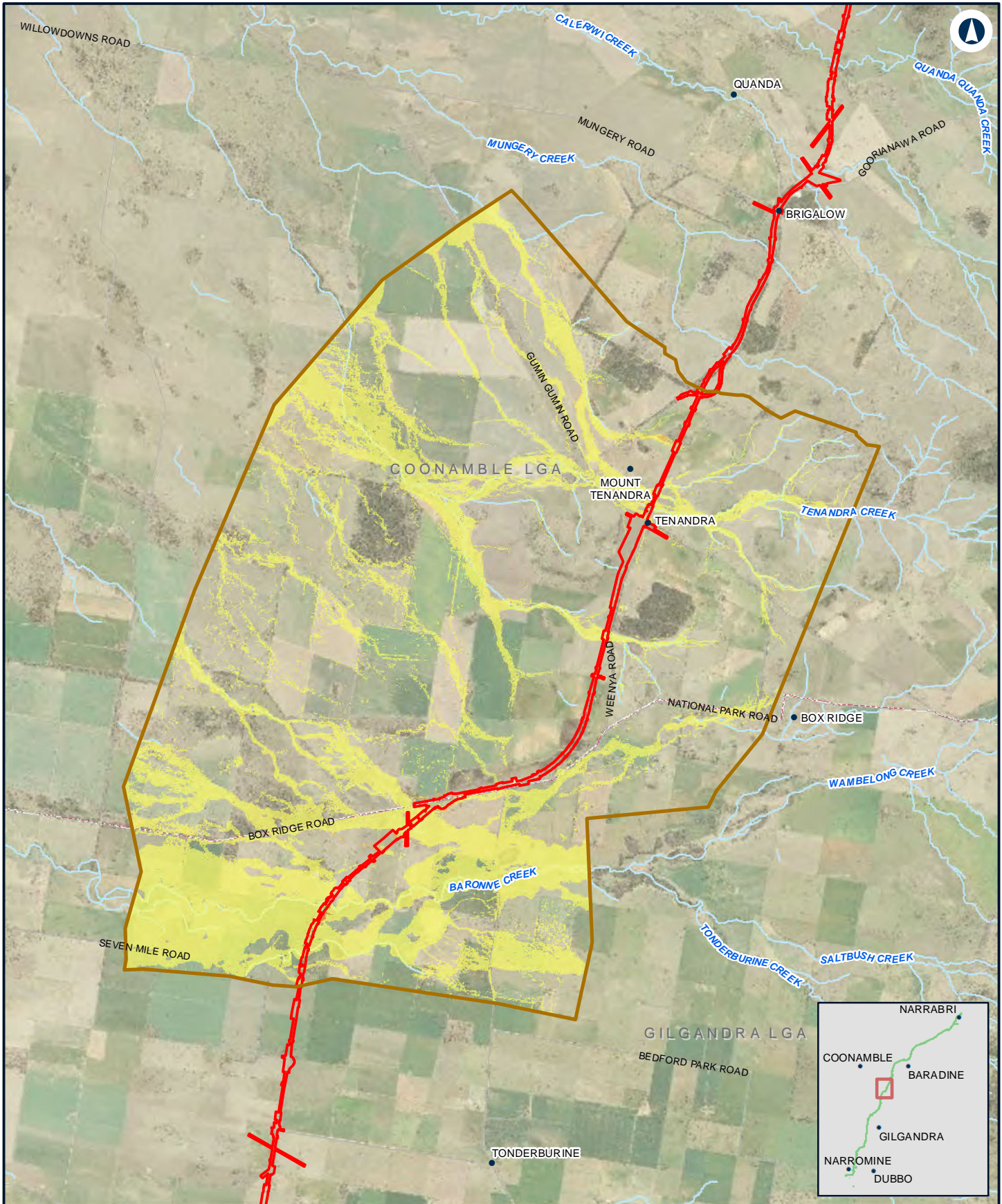
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



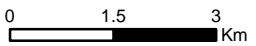
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N9

Appendix G - Figure 4.1f



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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

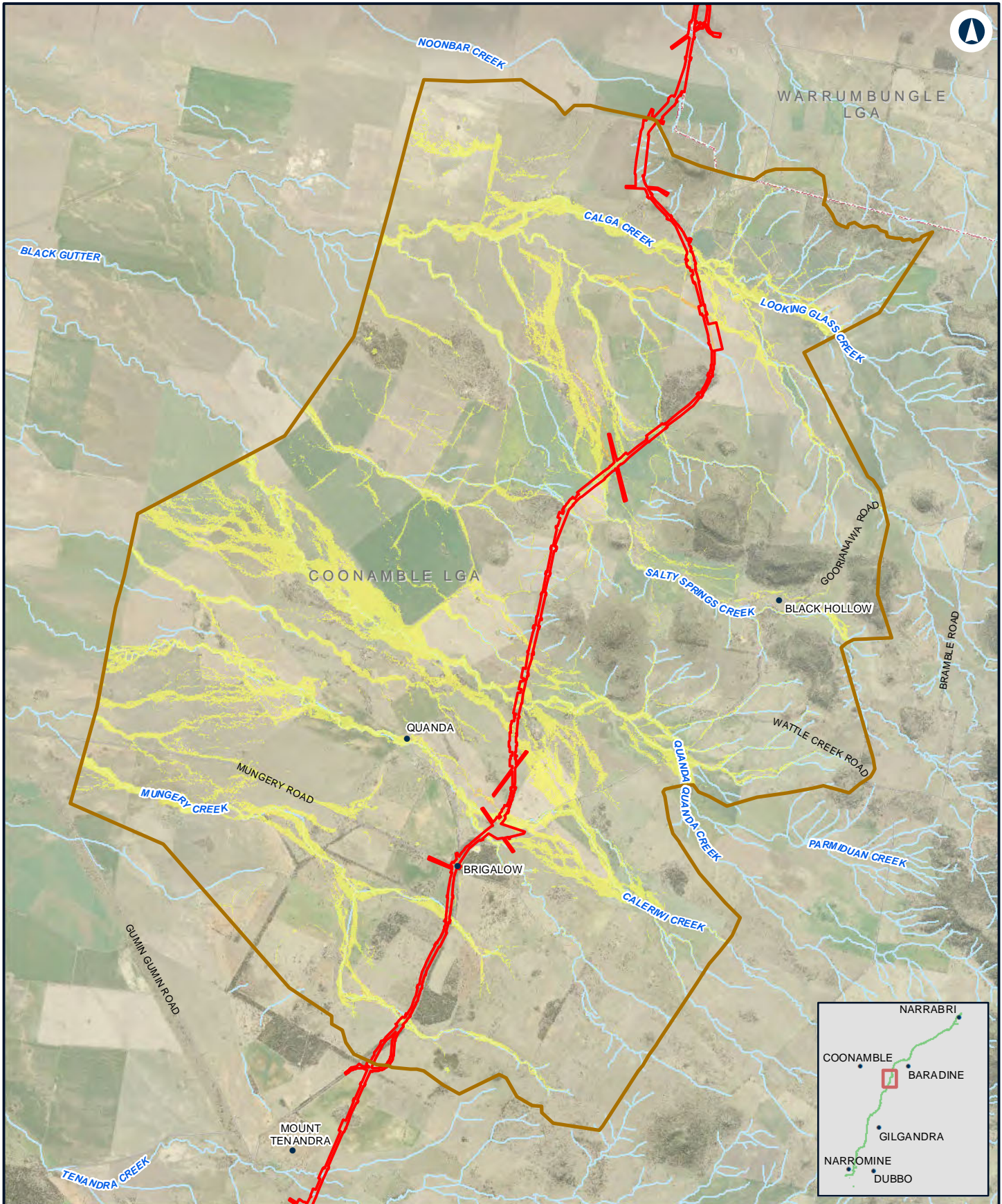
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



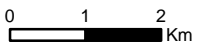
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N8

Appendix G - Figure 4.1g



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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

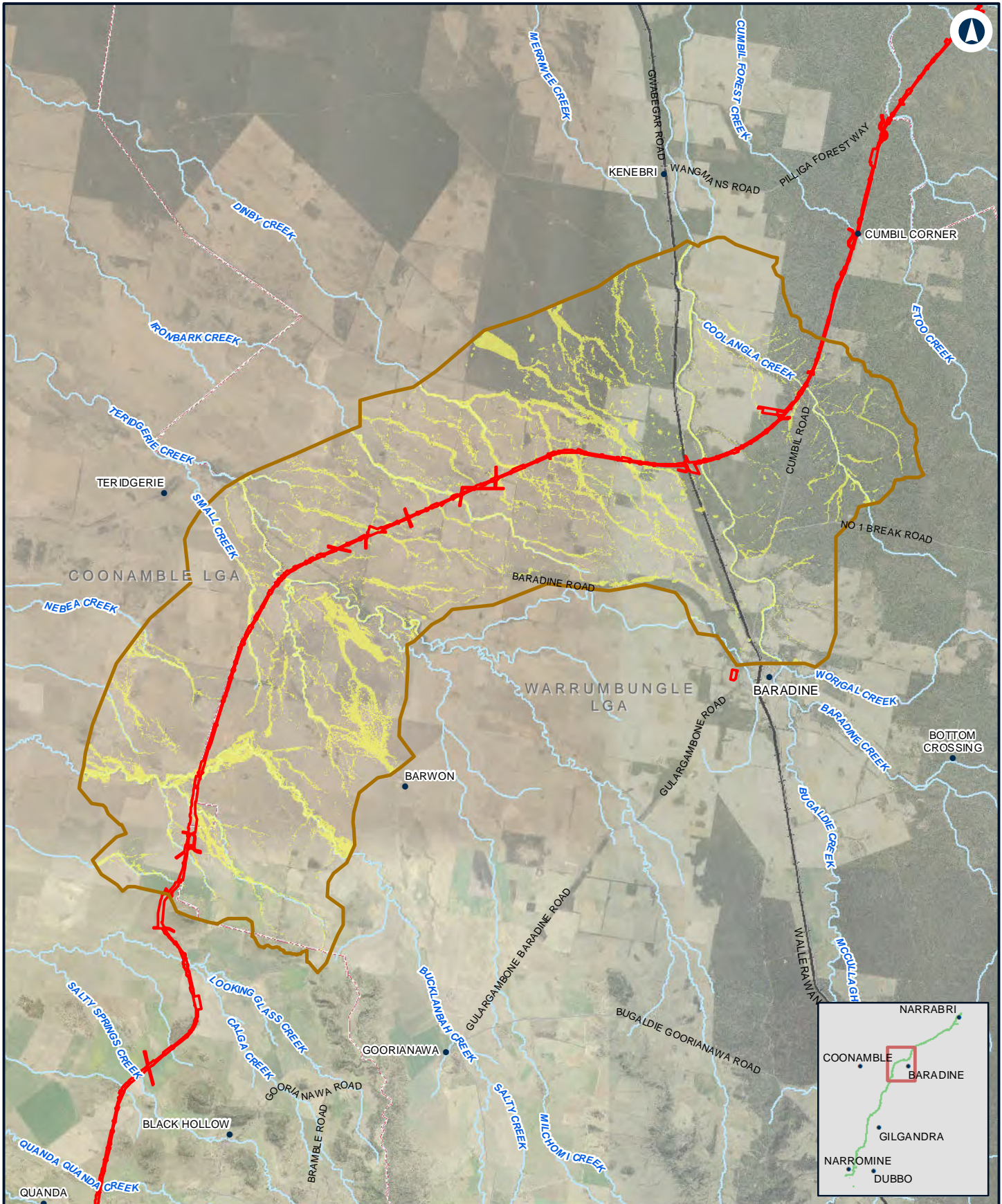
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



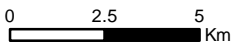
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N7

Appendix G - Figure 4.1h



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

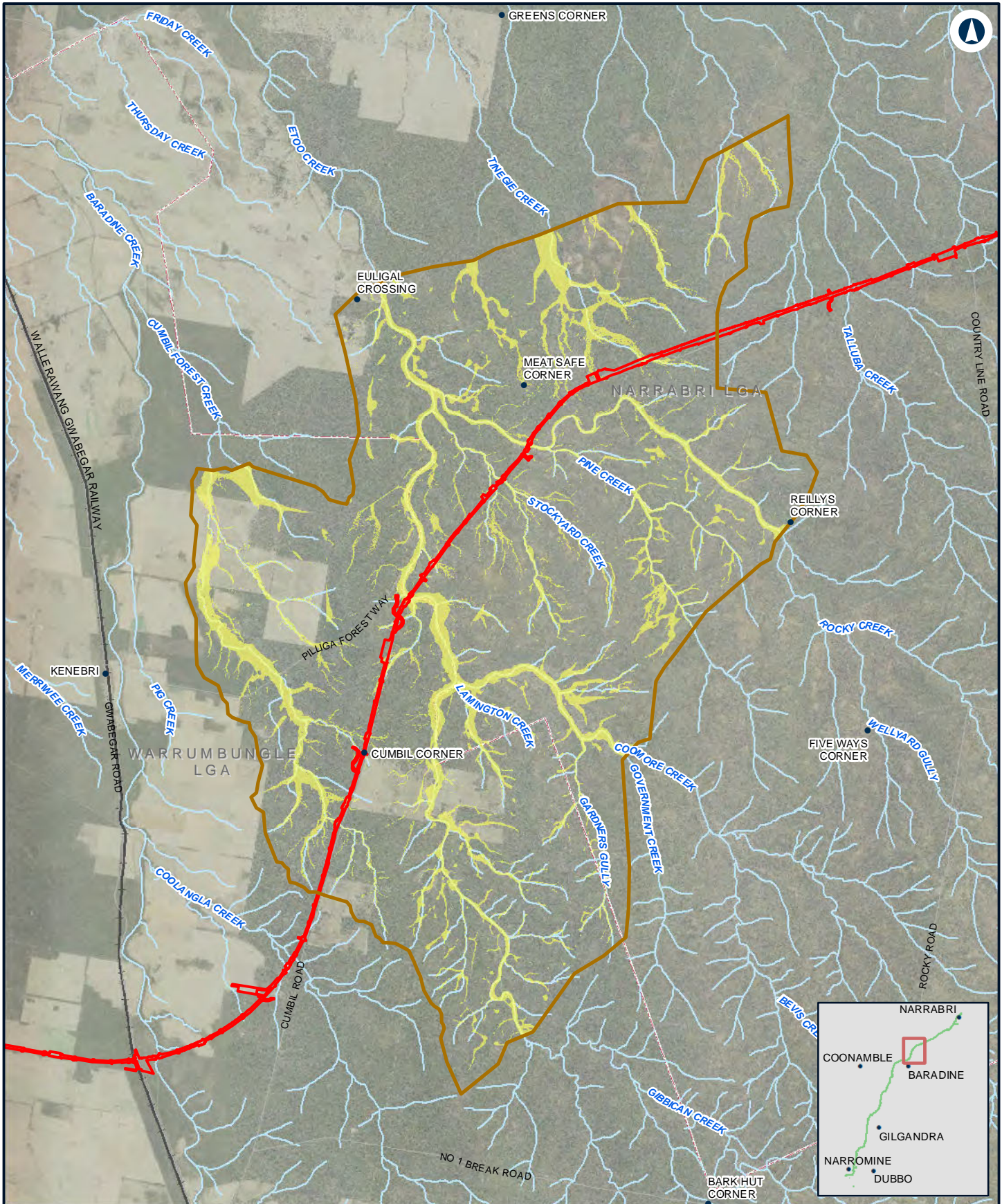
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI Change in flood hazard - 20% AEP - N2N6 Appendix G - Figure 4.1i

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

- The proposal site
- Model boundary

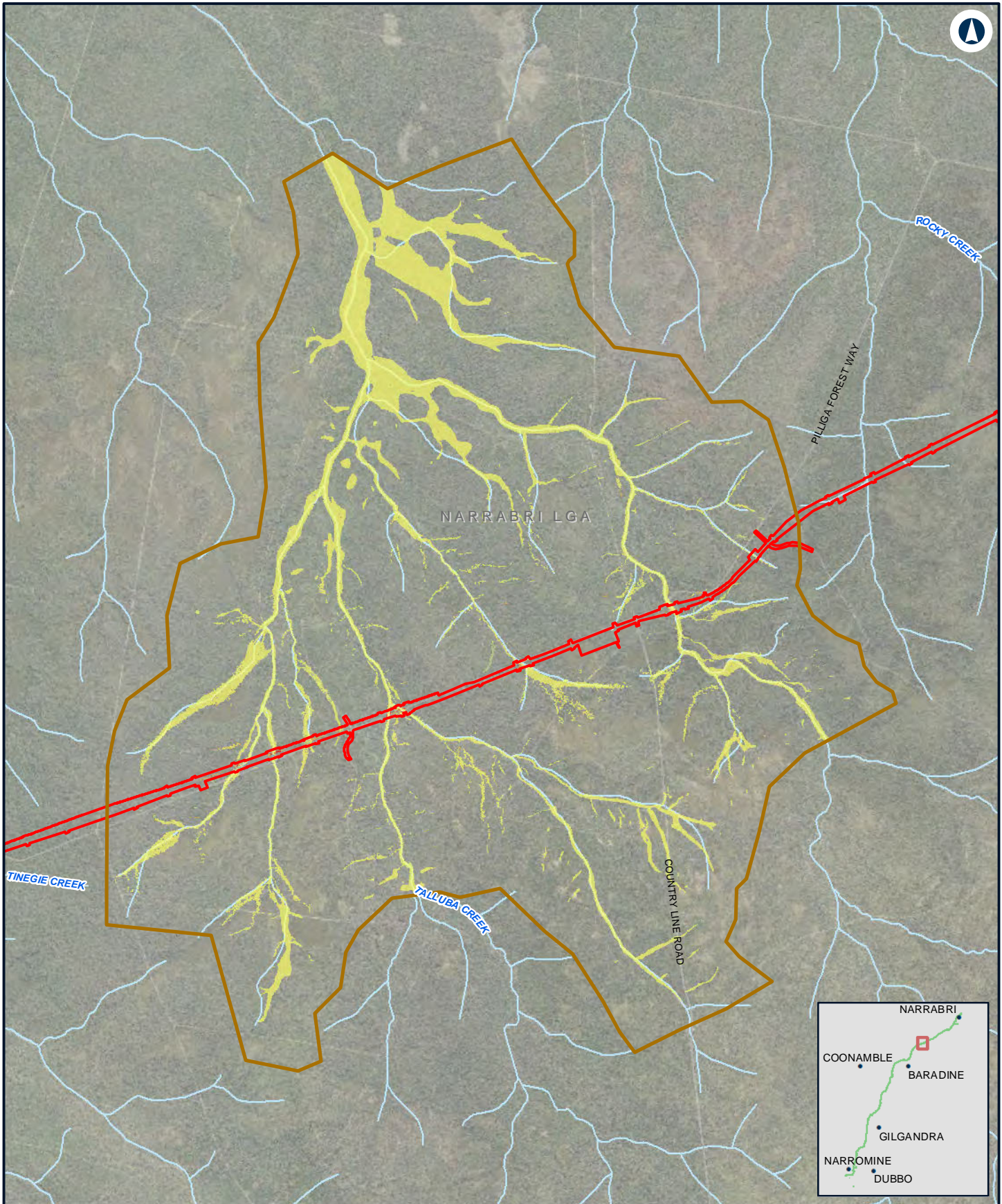
Hazard Change

- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.

INLAND RAIL **ARTC**

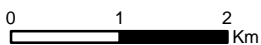
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N5

Appendix G - Figure 4.1j



Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

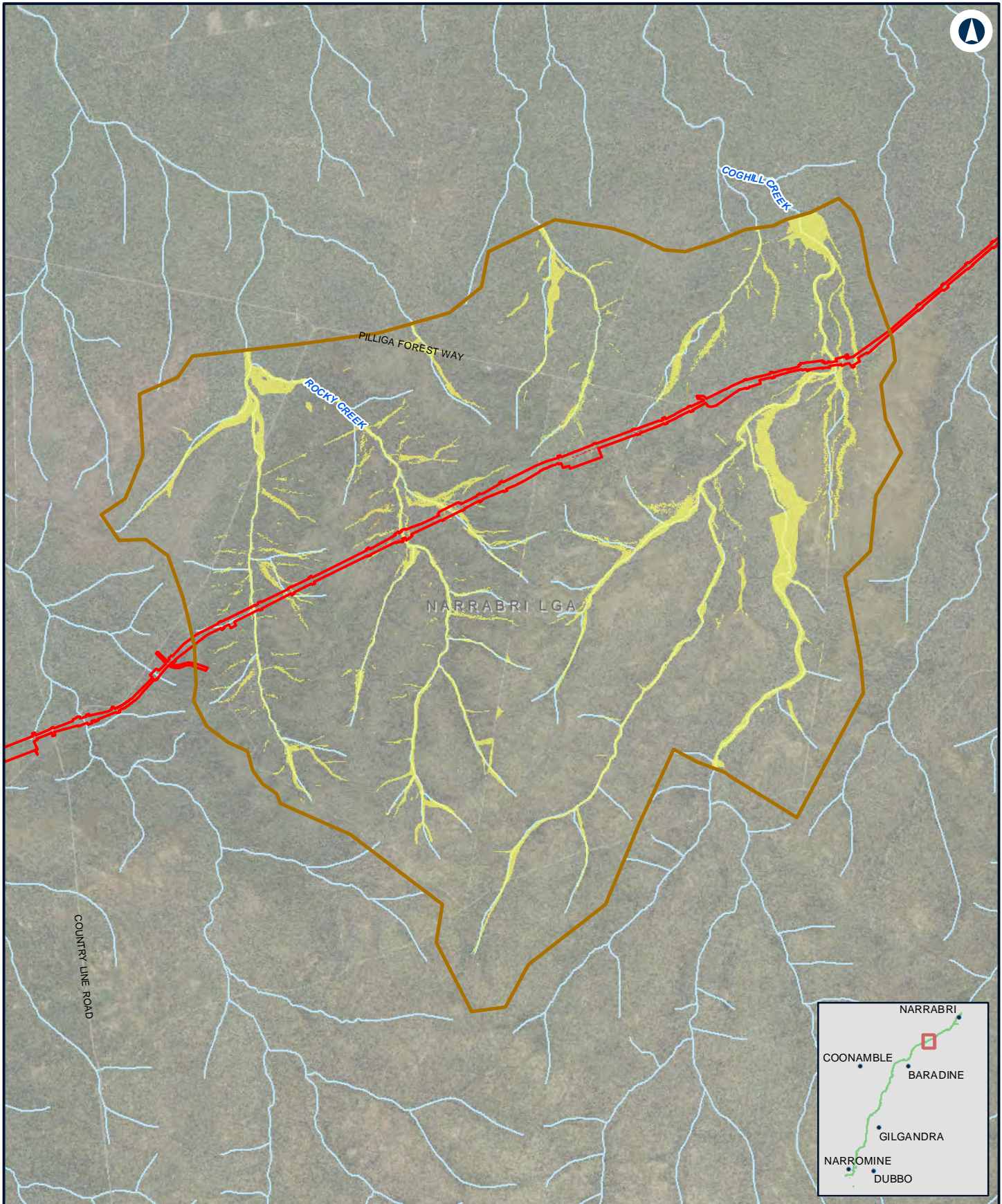
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



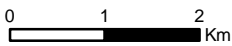
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N4

Appendix G - Figure 4.1k



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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

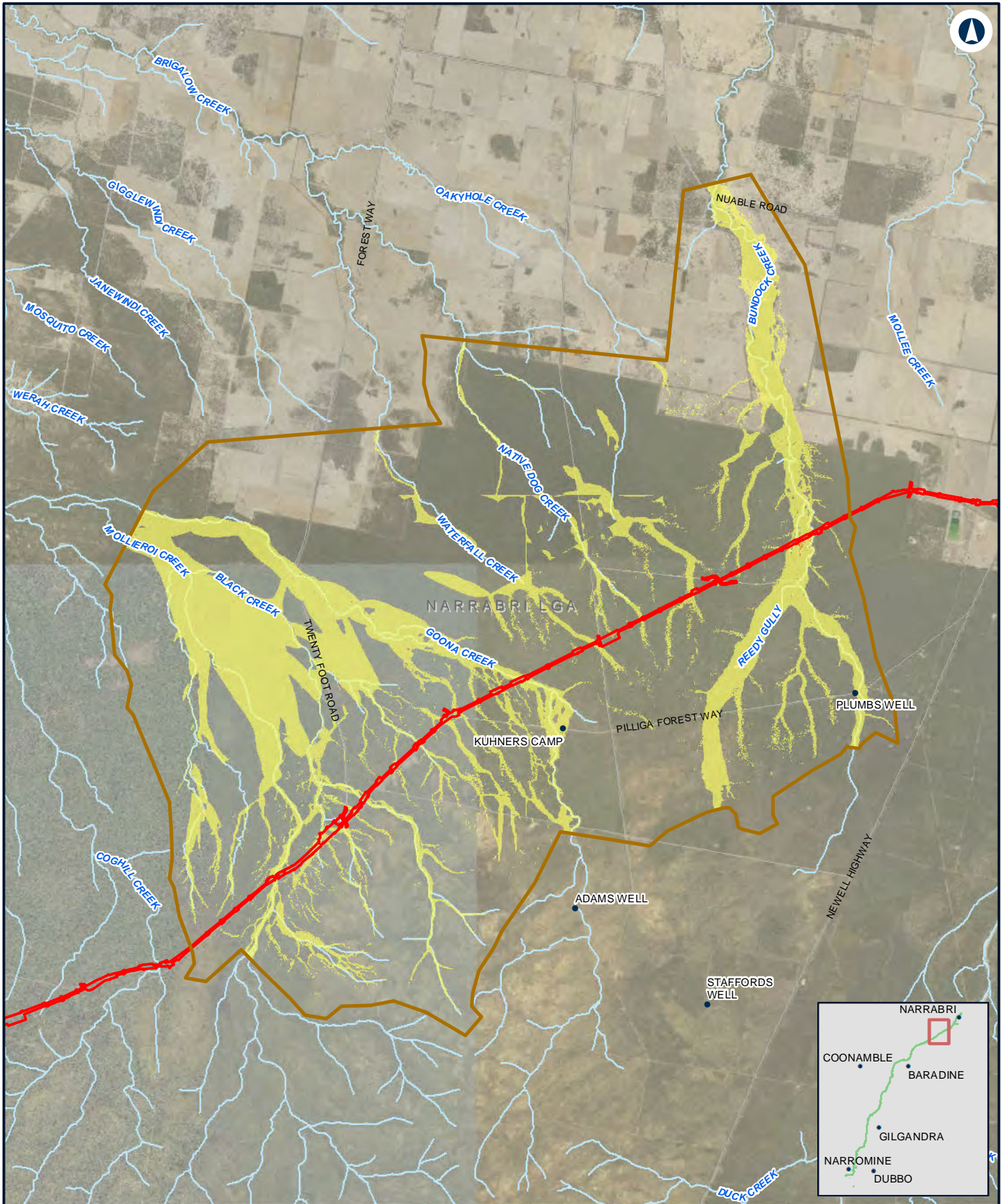
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



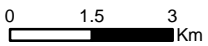
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N23

Appendix G - Figure 4.11



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

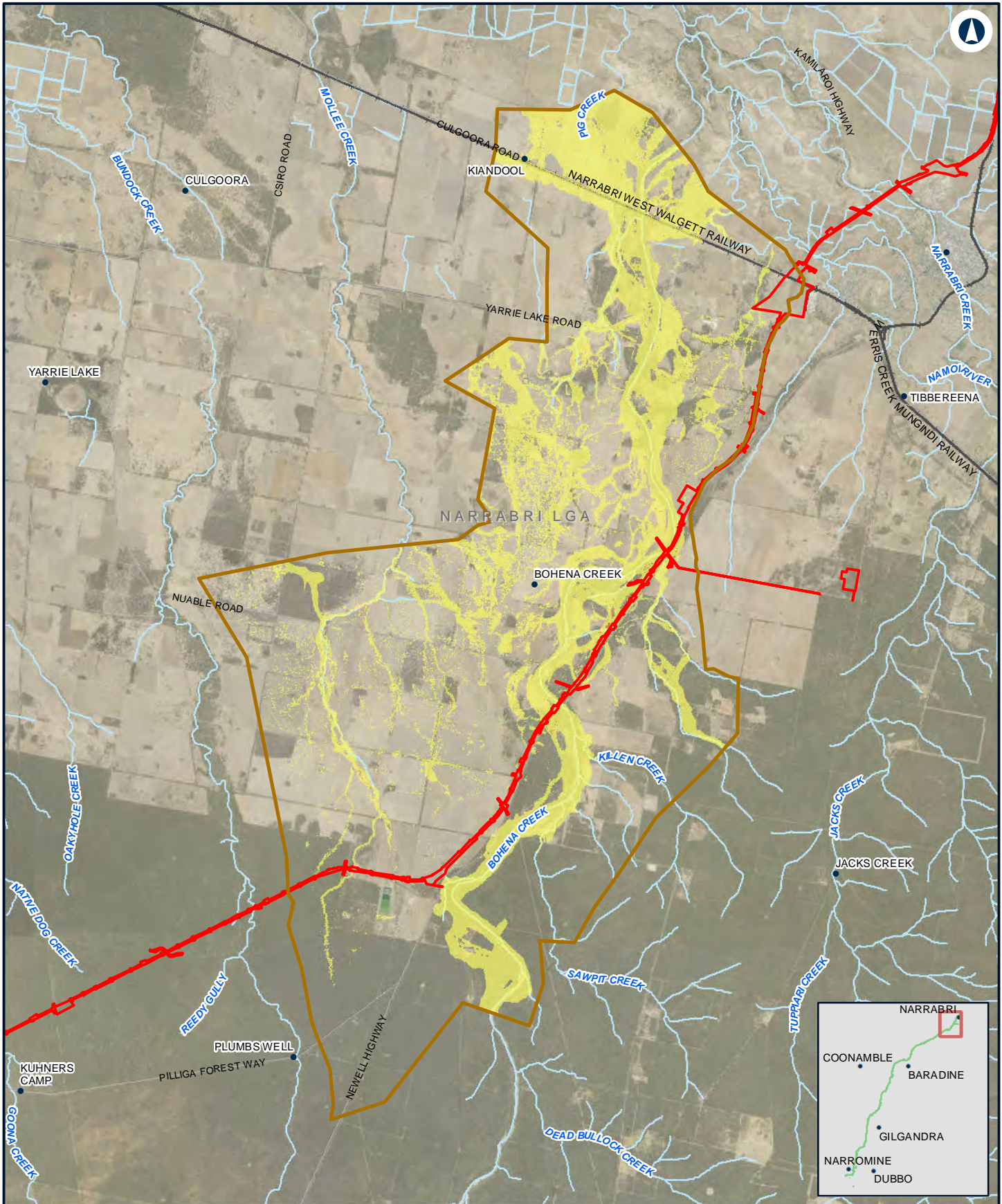
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Was high, now dry
- Was high, now low
- Was high, now dry
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



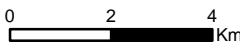
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - N2N1

Appendix G - Figure 4.1m



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

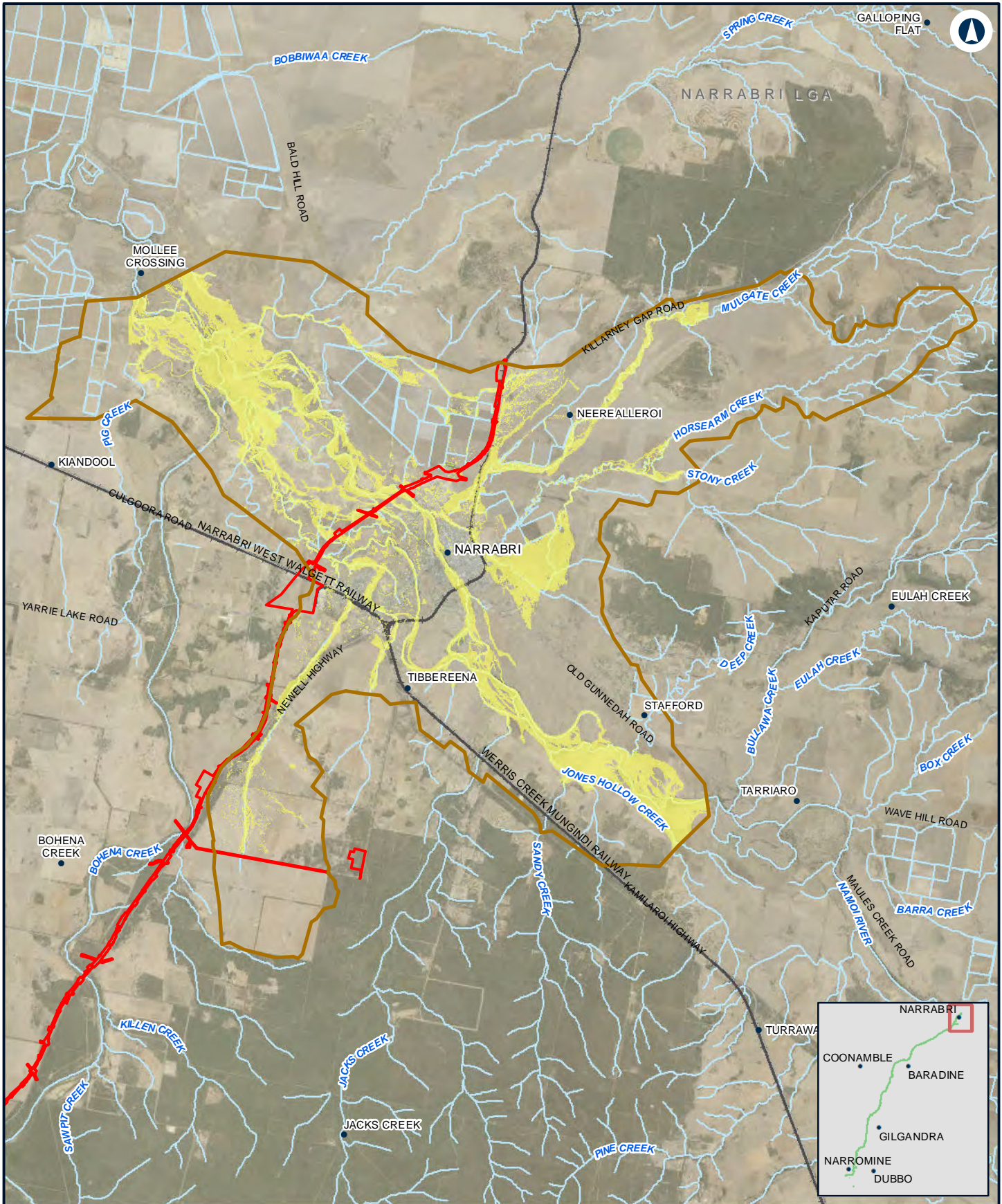
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



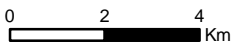
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NARROMINE TO NARRABRI

Change in flood hazard - 20% AEP - Narrabri

Appendix G - Figure 4.1n



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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

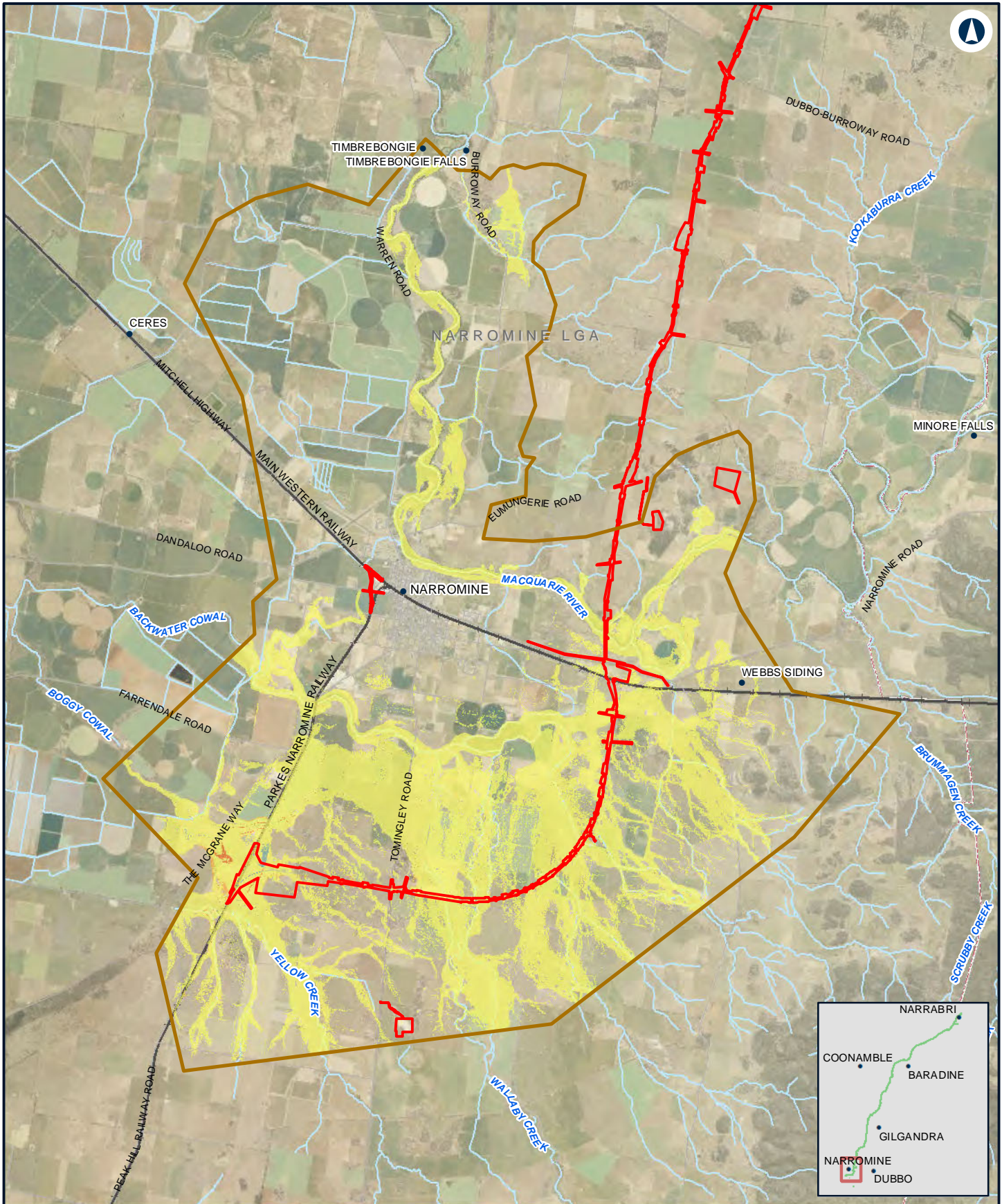
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



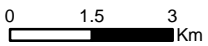
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - NFM

Appendix G - Figure 4.2a



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

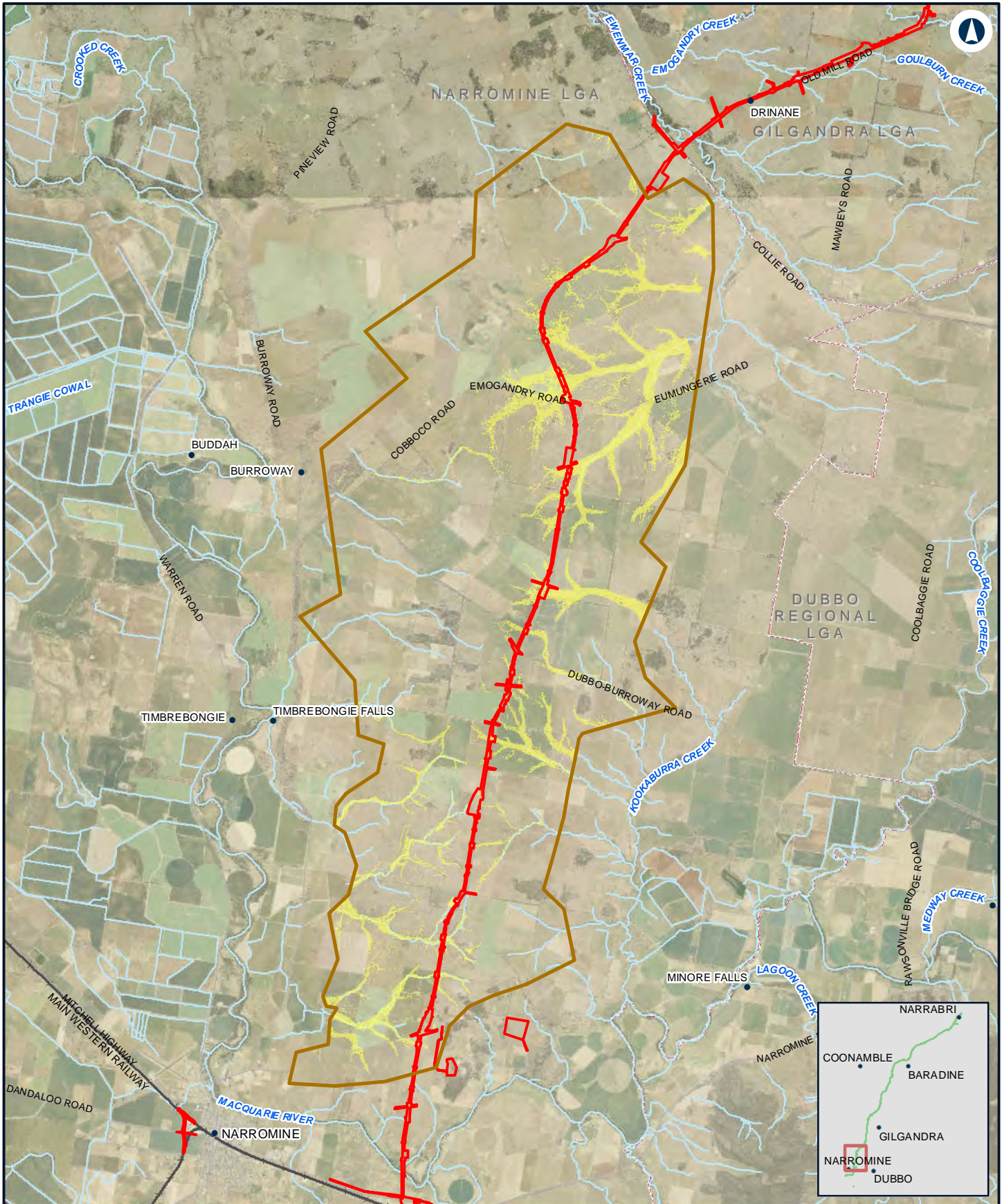
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



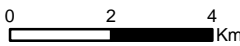
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N14

Appendix G - Figure 4.2b



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

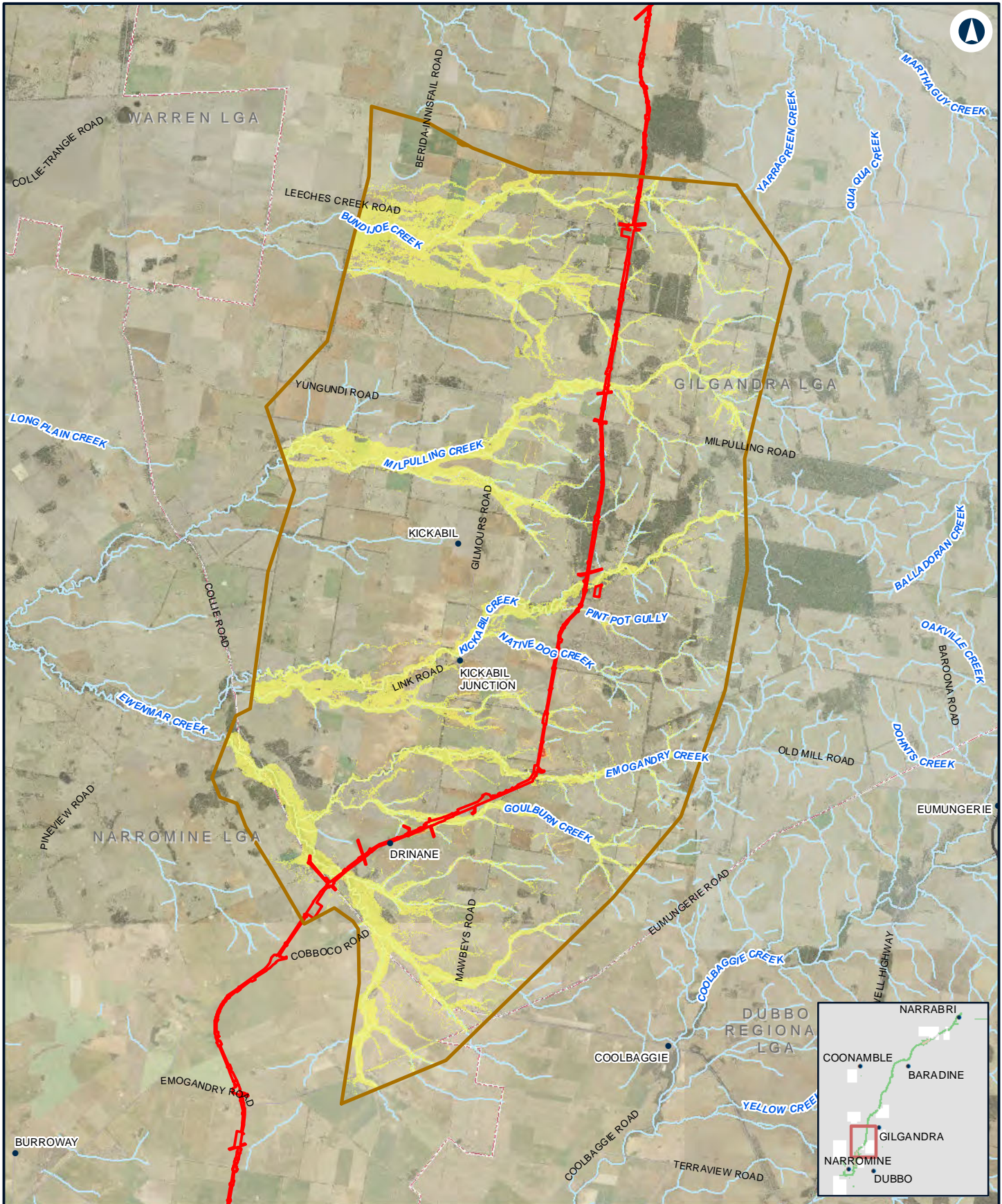
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



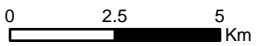
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N13

Appendix G - Figure 4.2c



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

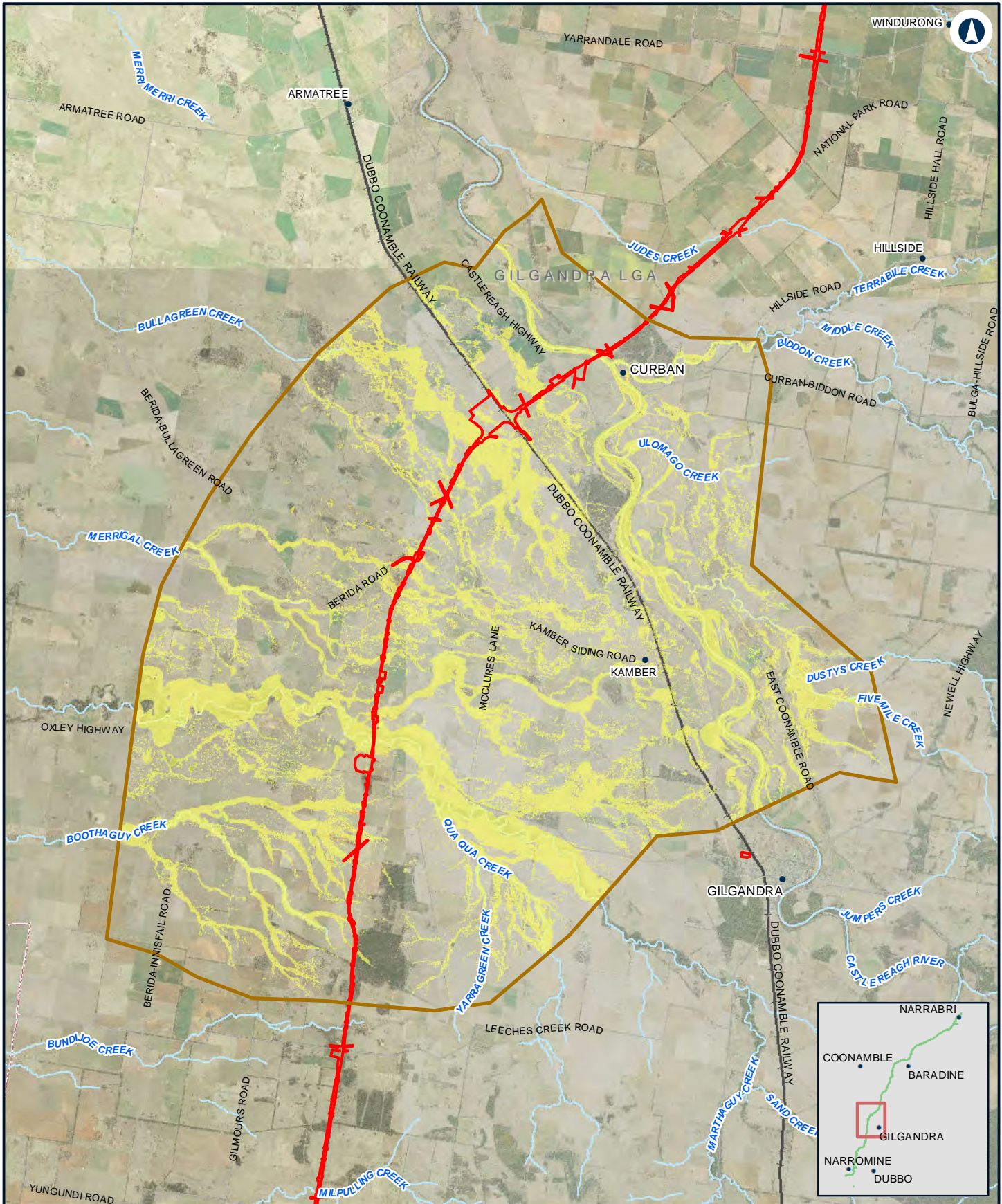
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



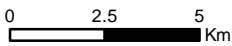
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N11N12

Appendix G - Figure 4.2d



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

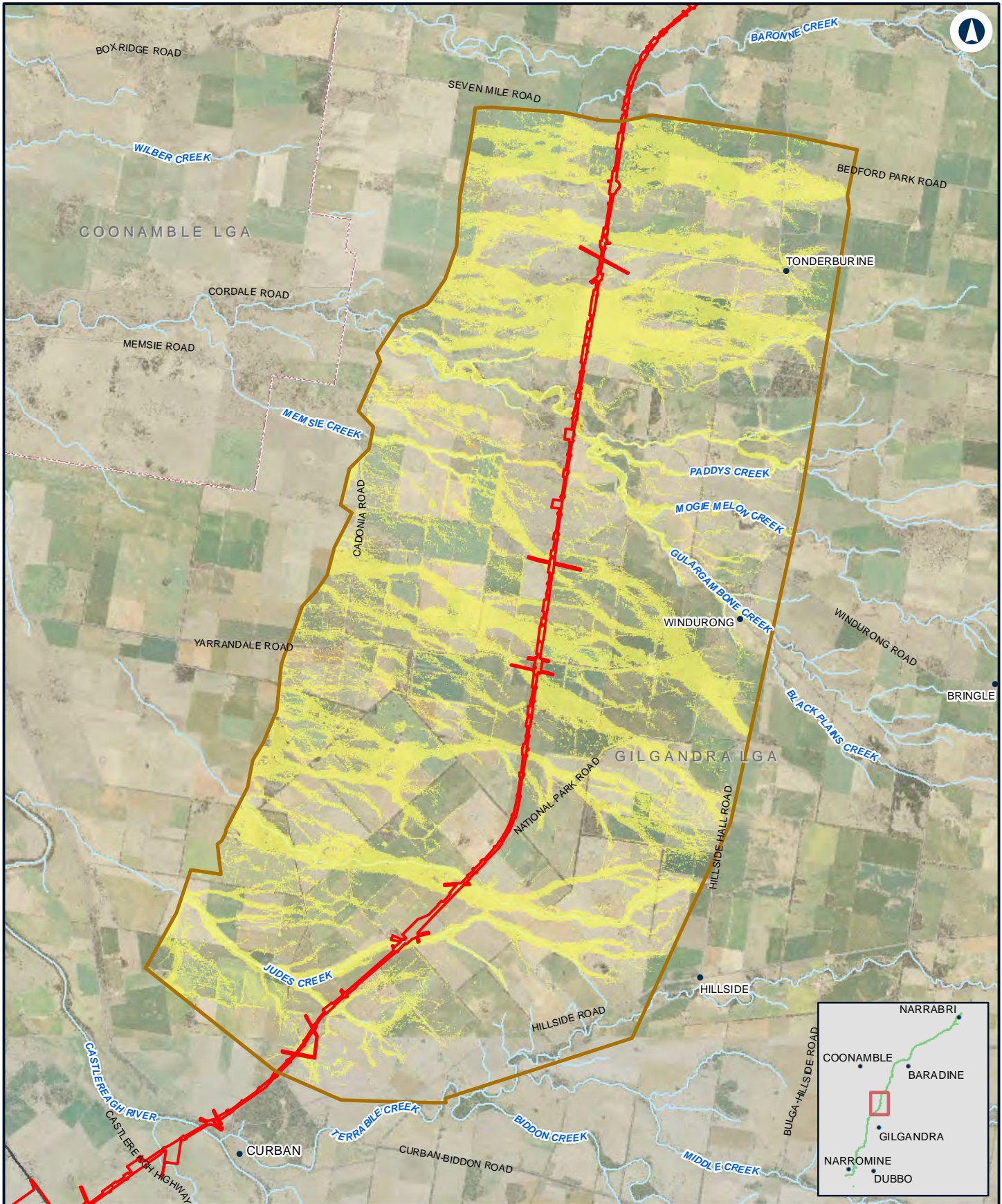
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



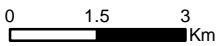
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N10

Appendix G - Figure 4.2e



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

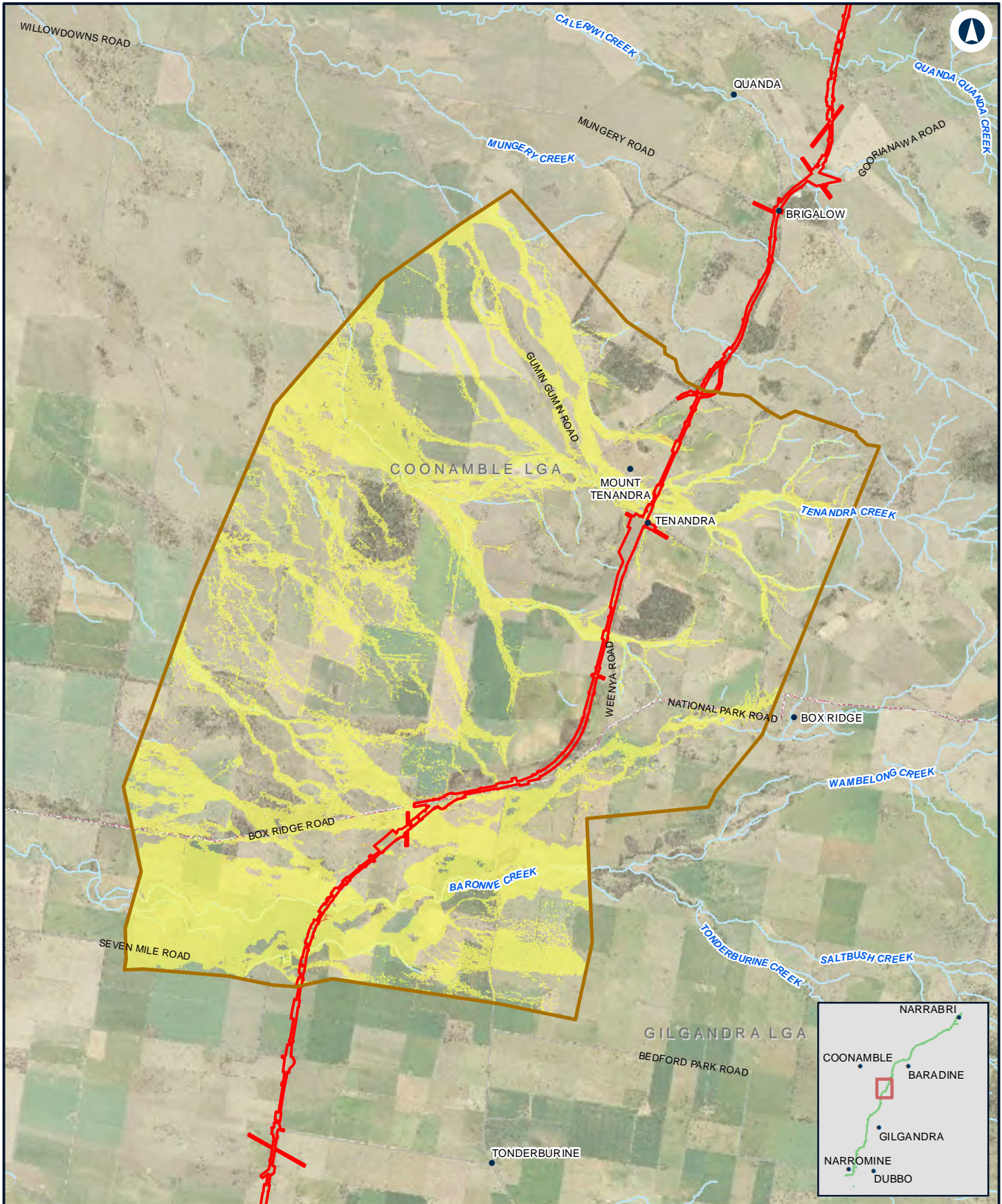
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



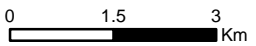
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N9

Appendix G - Figure 4.2f



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

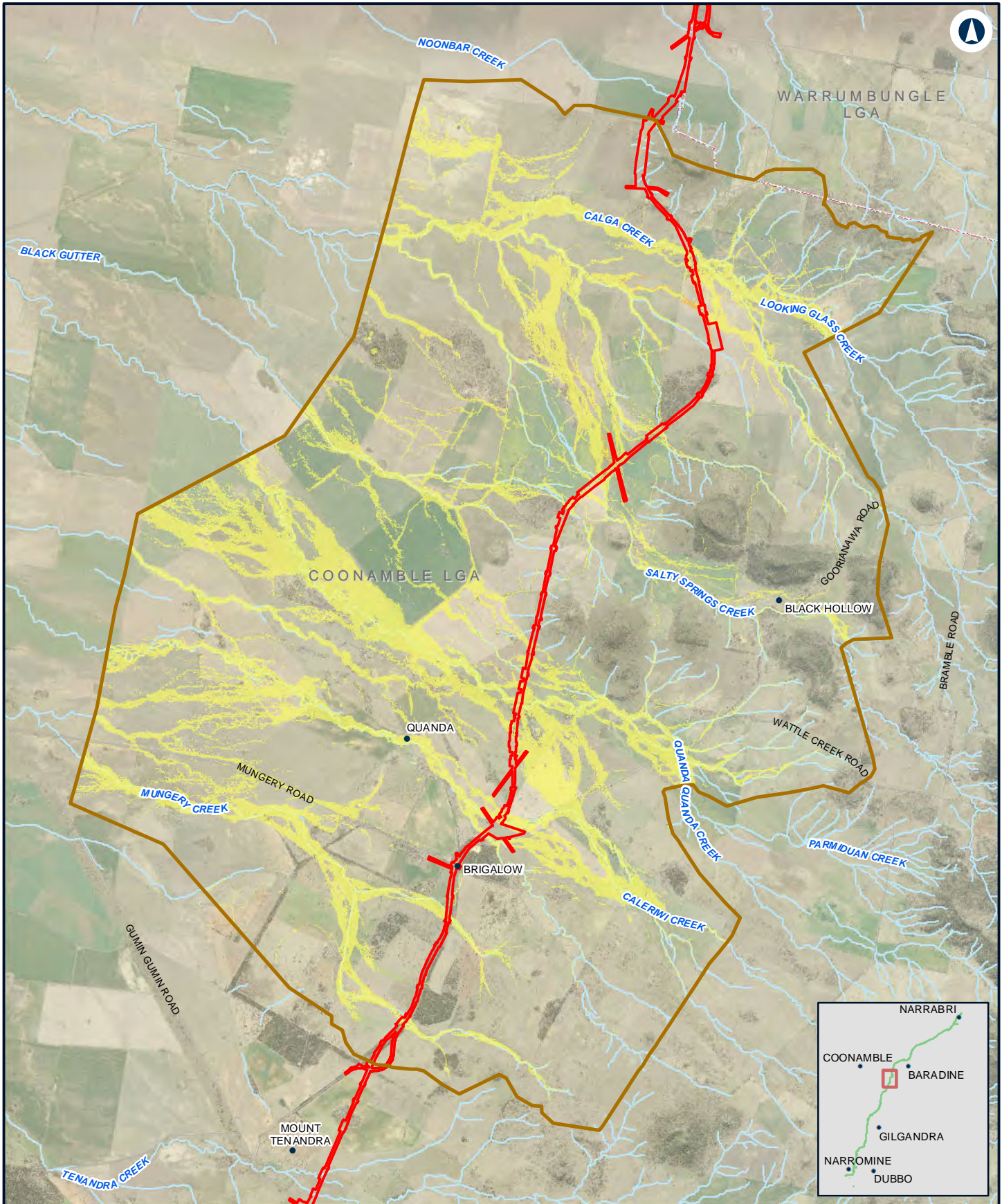
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



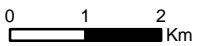
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N8

Appendix G - Figure 4.2g



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

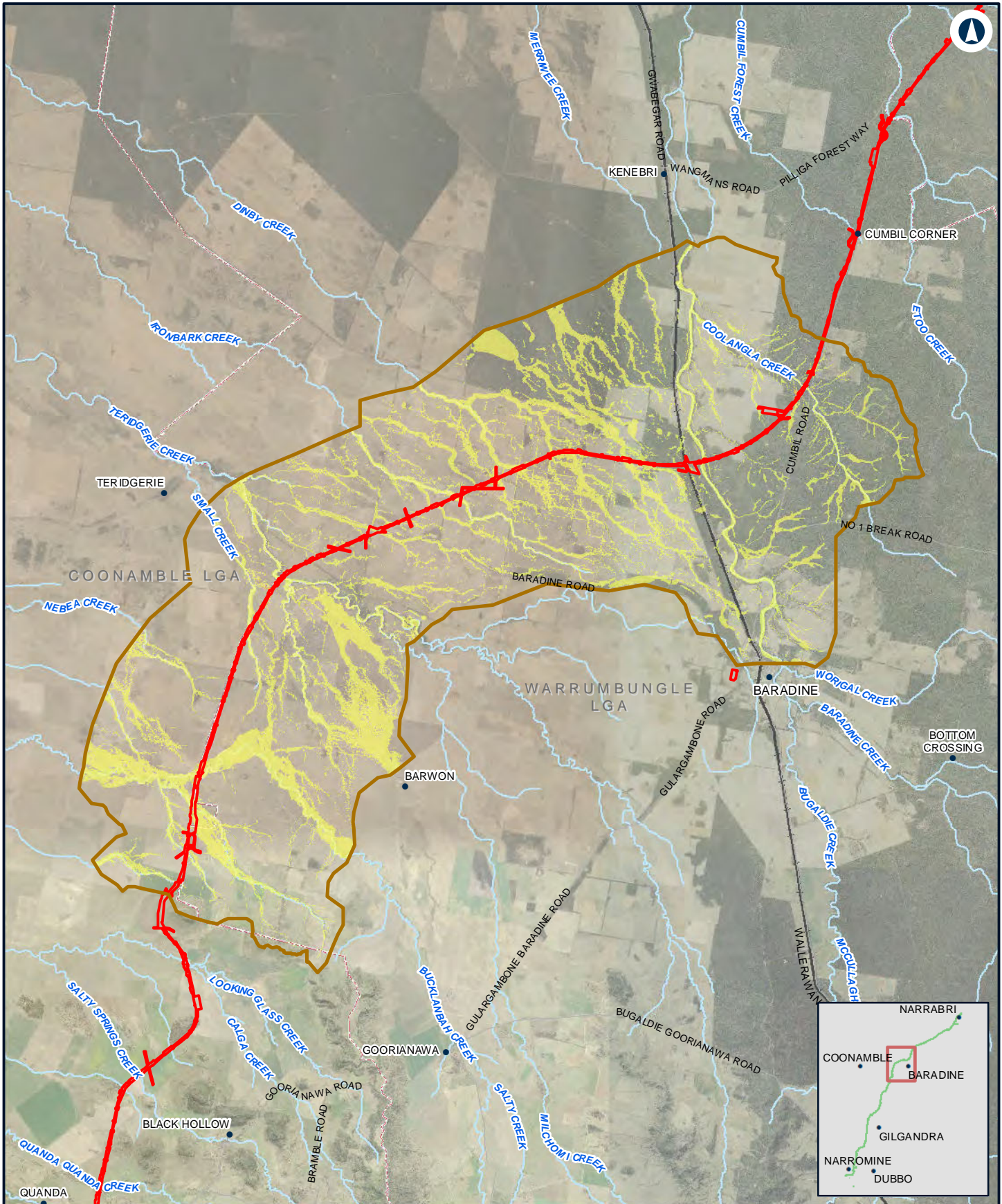
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



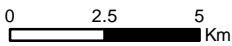
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N7

Appendix G - Figure 4.2h



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

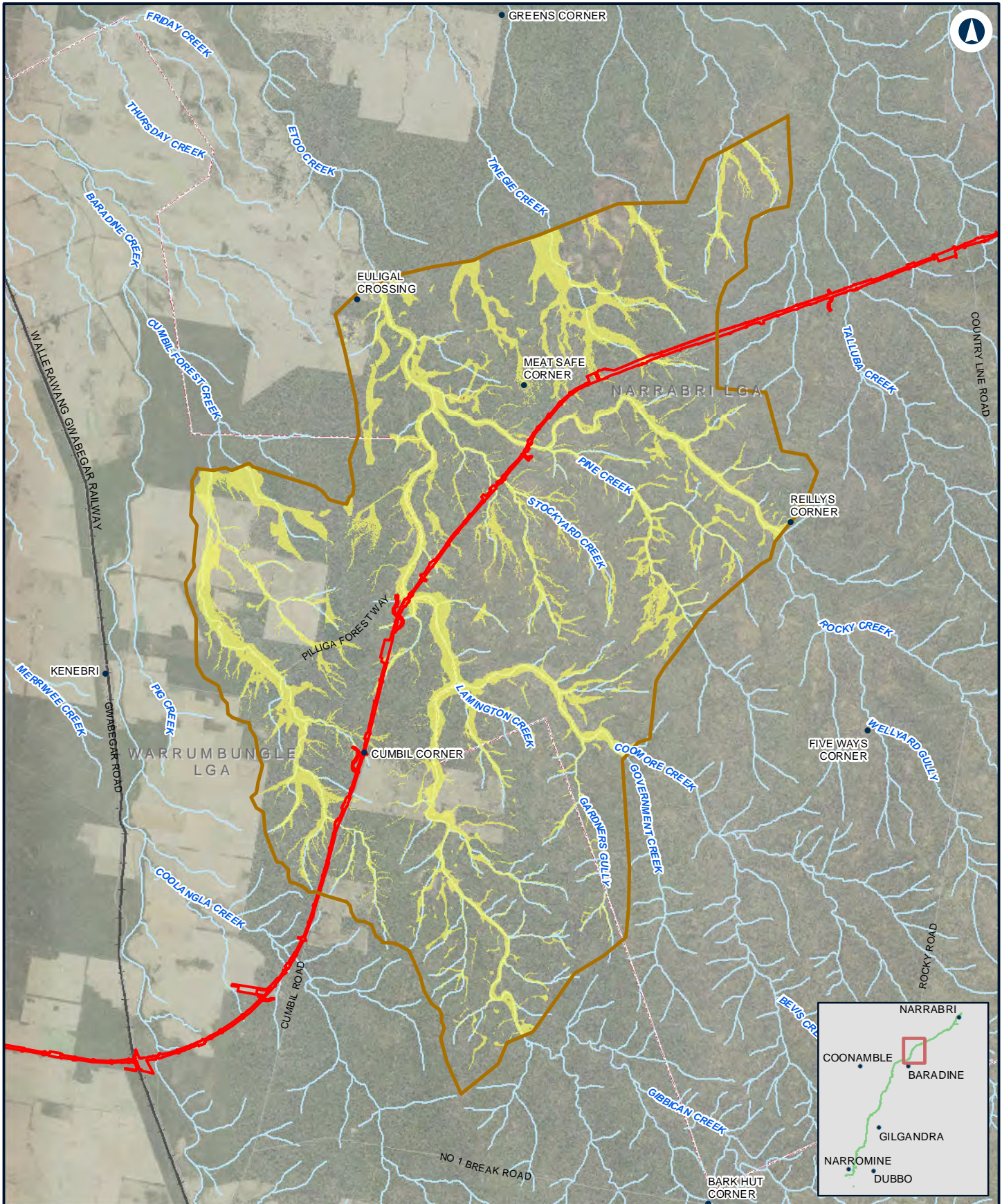
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



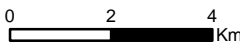
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N6

Appendix G - Figure 4.2i



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

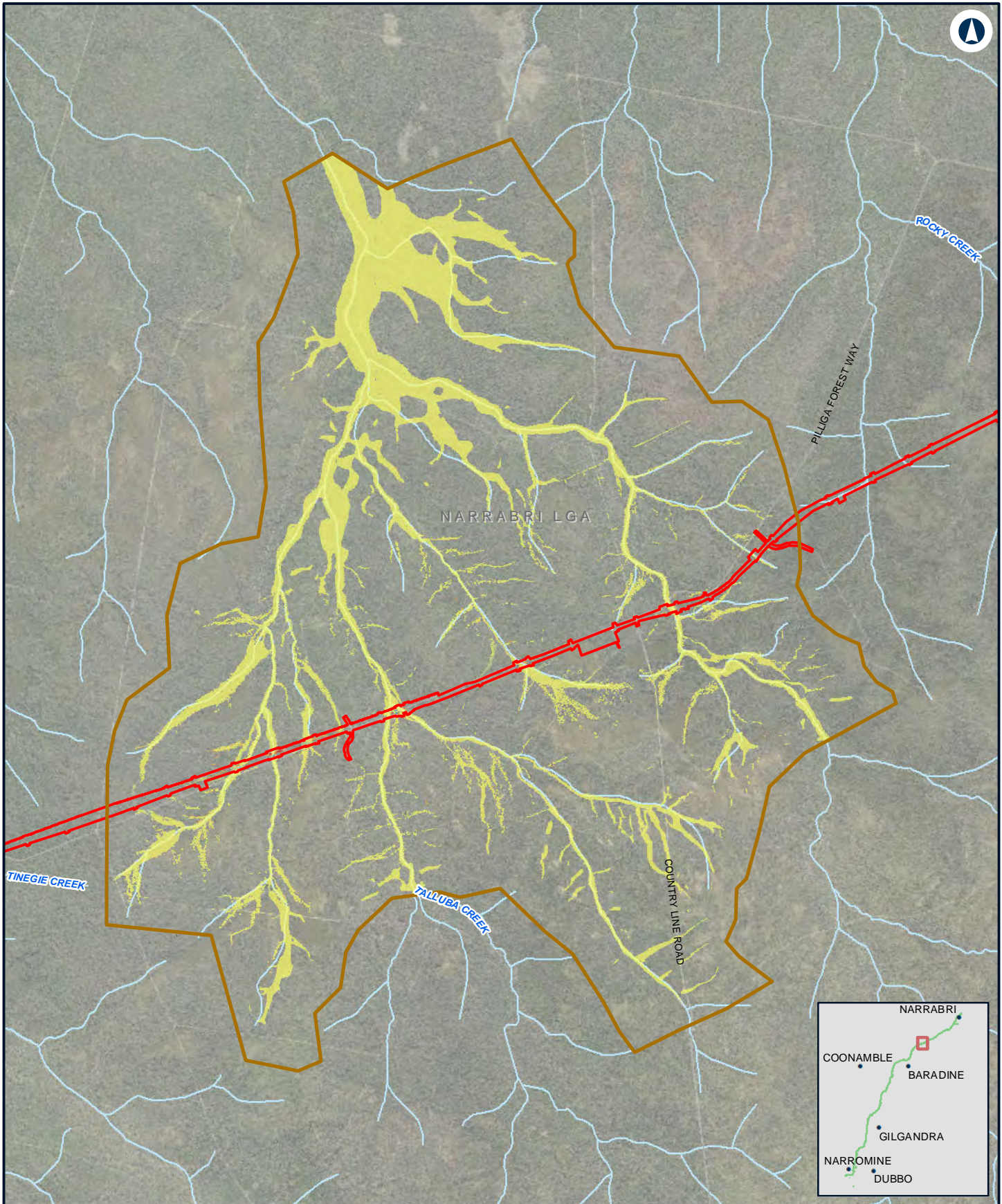
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N5

Appendix G - Figure 4.2j



Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

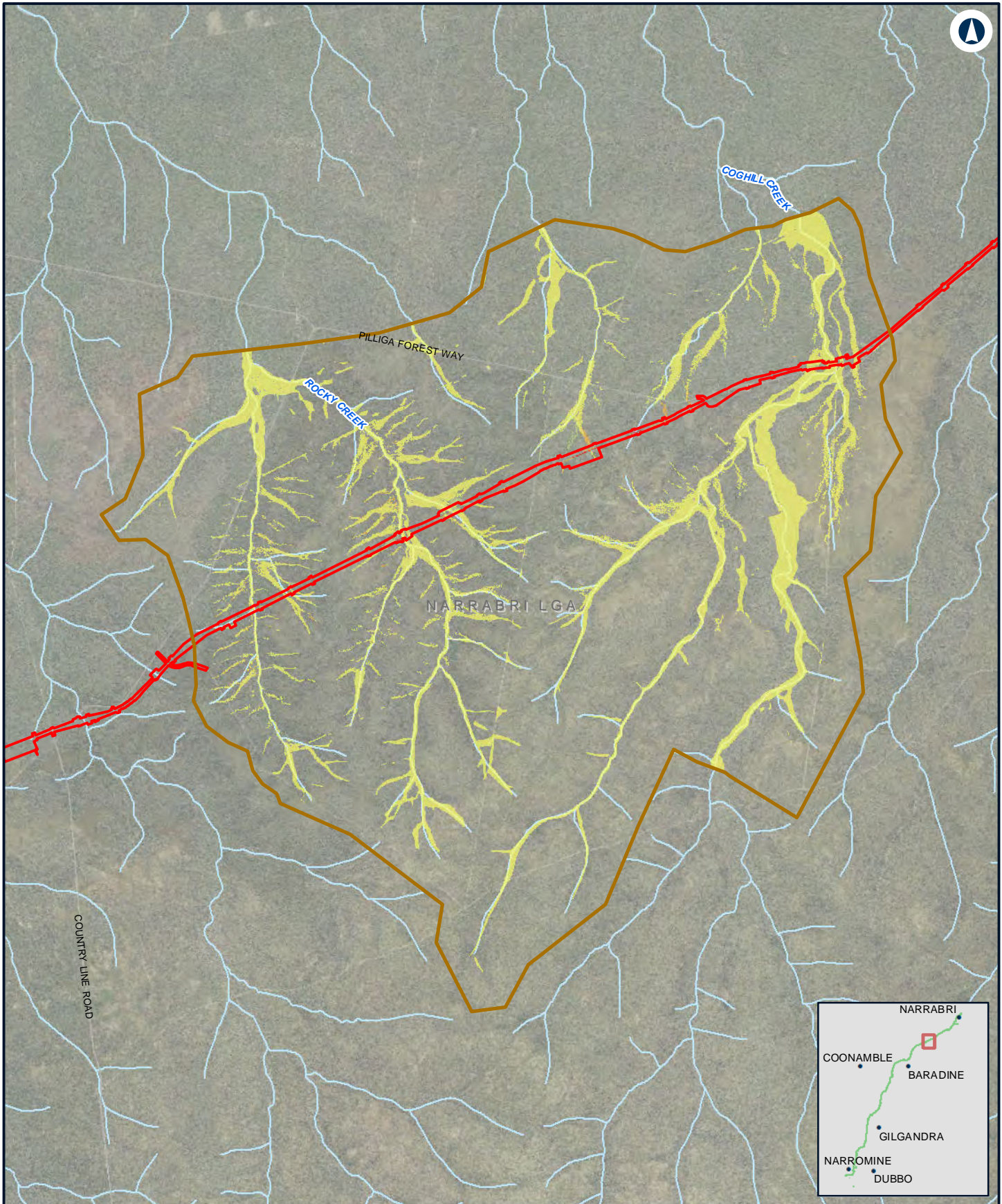
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



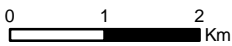
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N4

Appendix G - Figure 4.2k



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

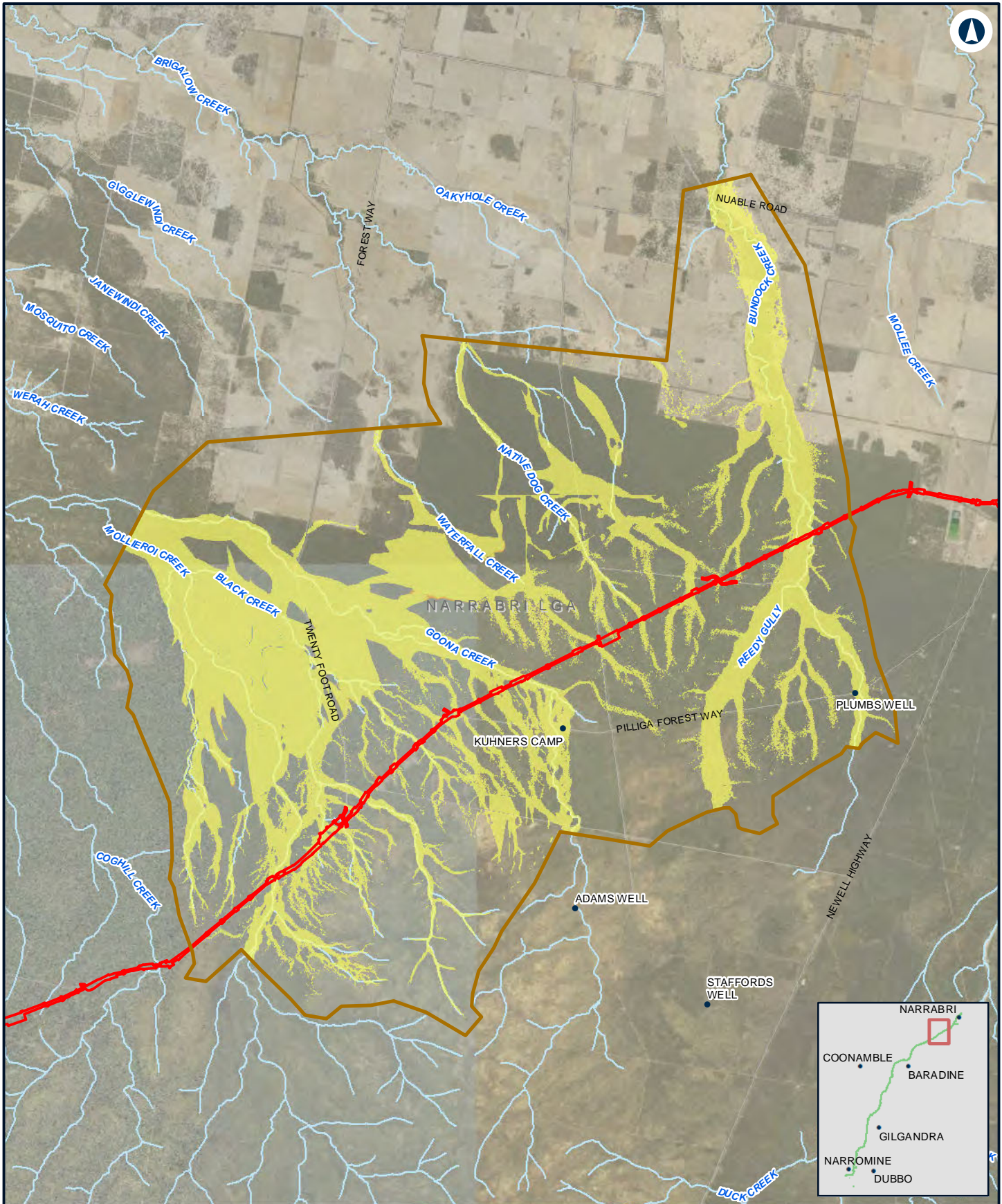
LEGEND

- The proposal site
- Model boundary
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry
- Was dry, now high
- Was low, now high
- Was dry, now low

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



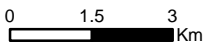
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N23

Appendix G - Figure 4.21



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

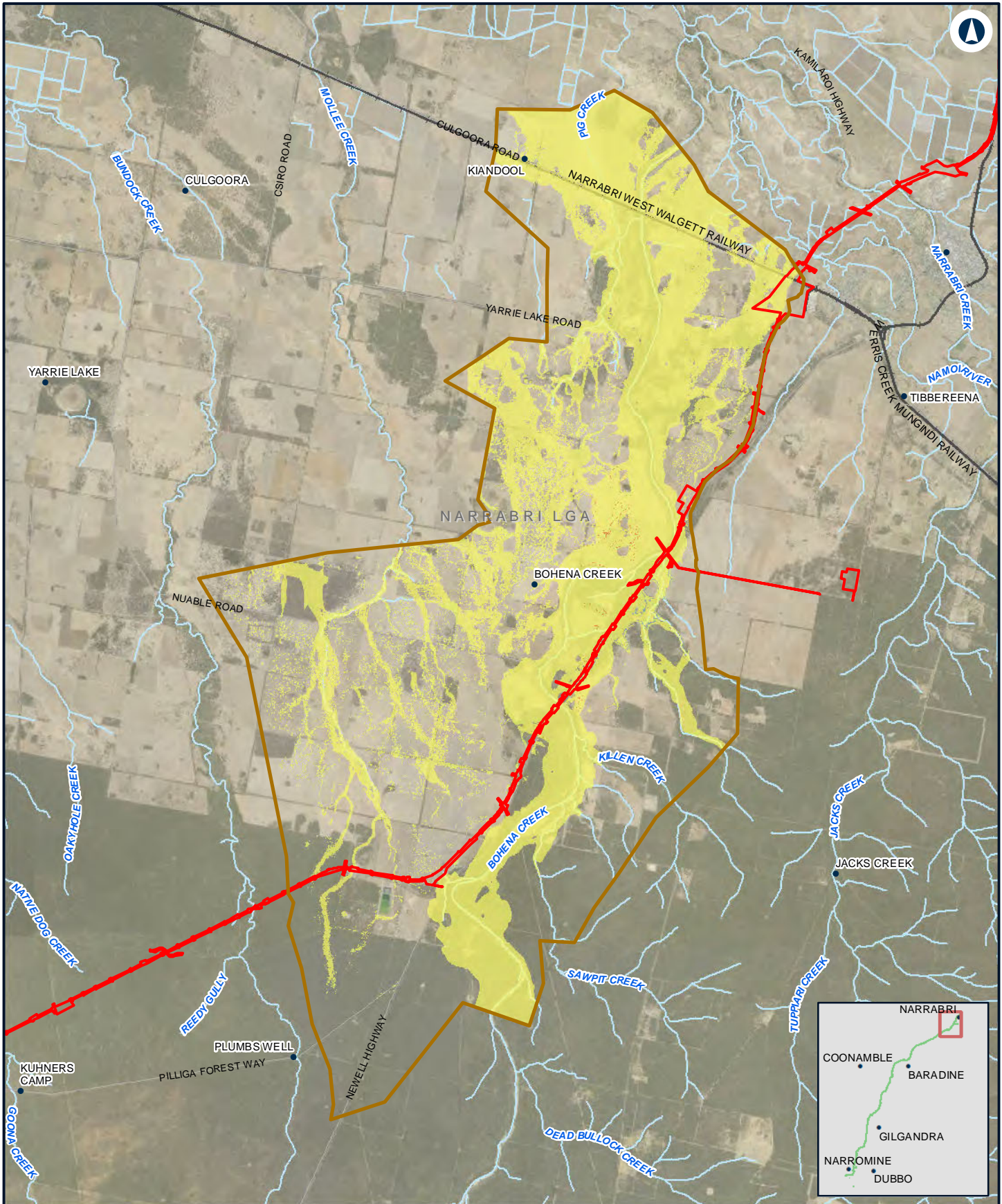
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - N2N1

Appendix G - Figure 4.2m

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

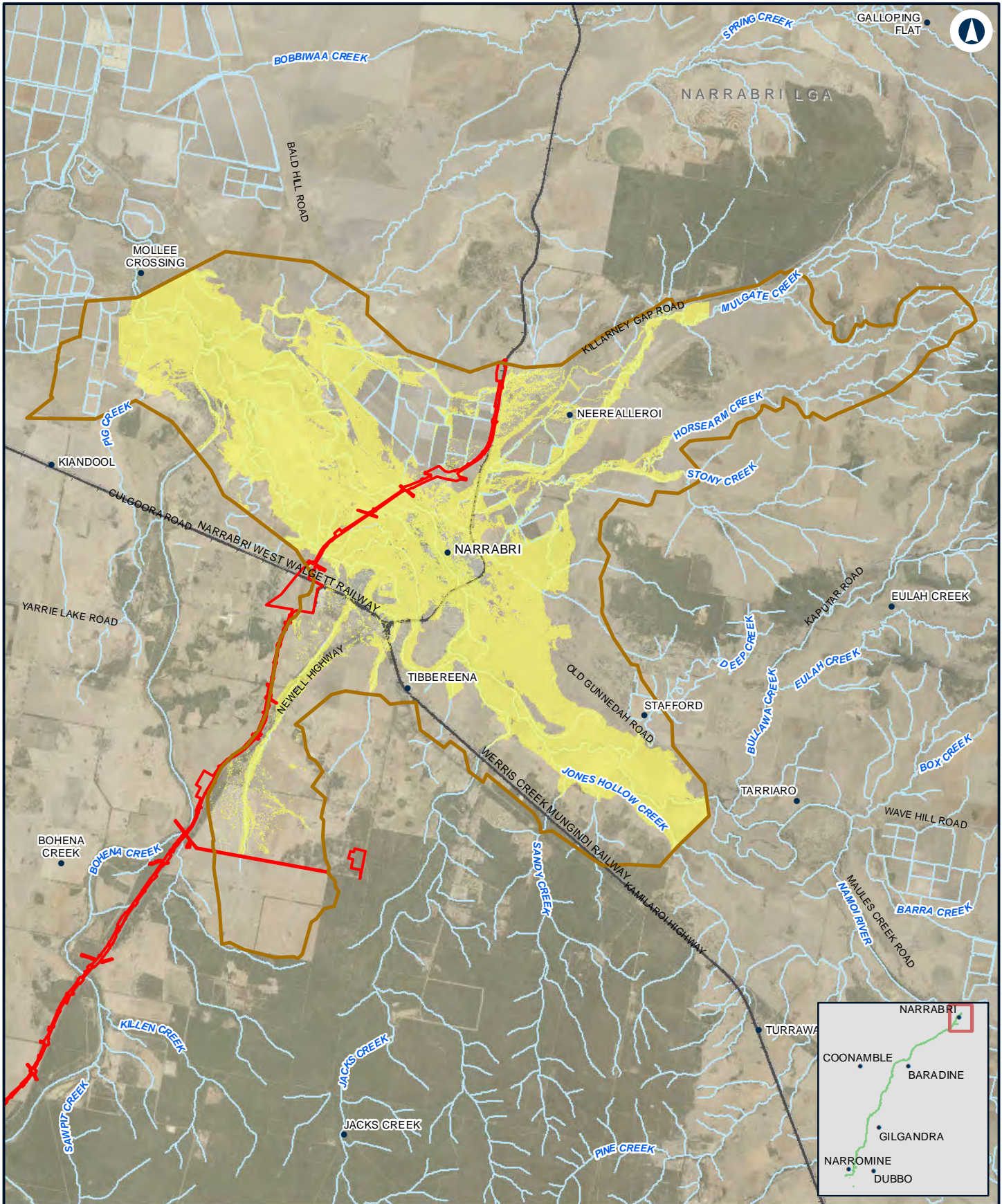
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



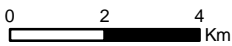
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NARROMINE TO NARRABRI

Change in flood hazard - 5% AEP - Narrabri

Appendix G - Figure 4.2n



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

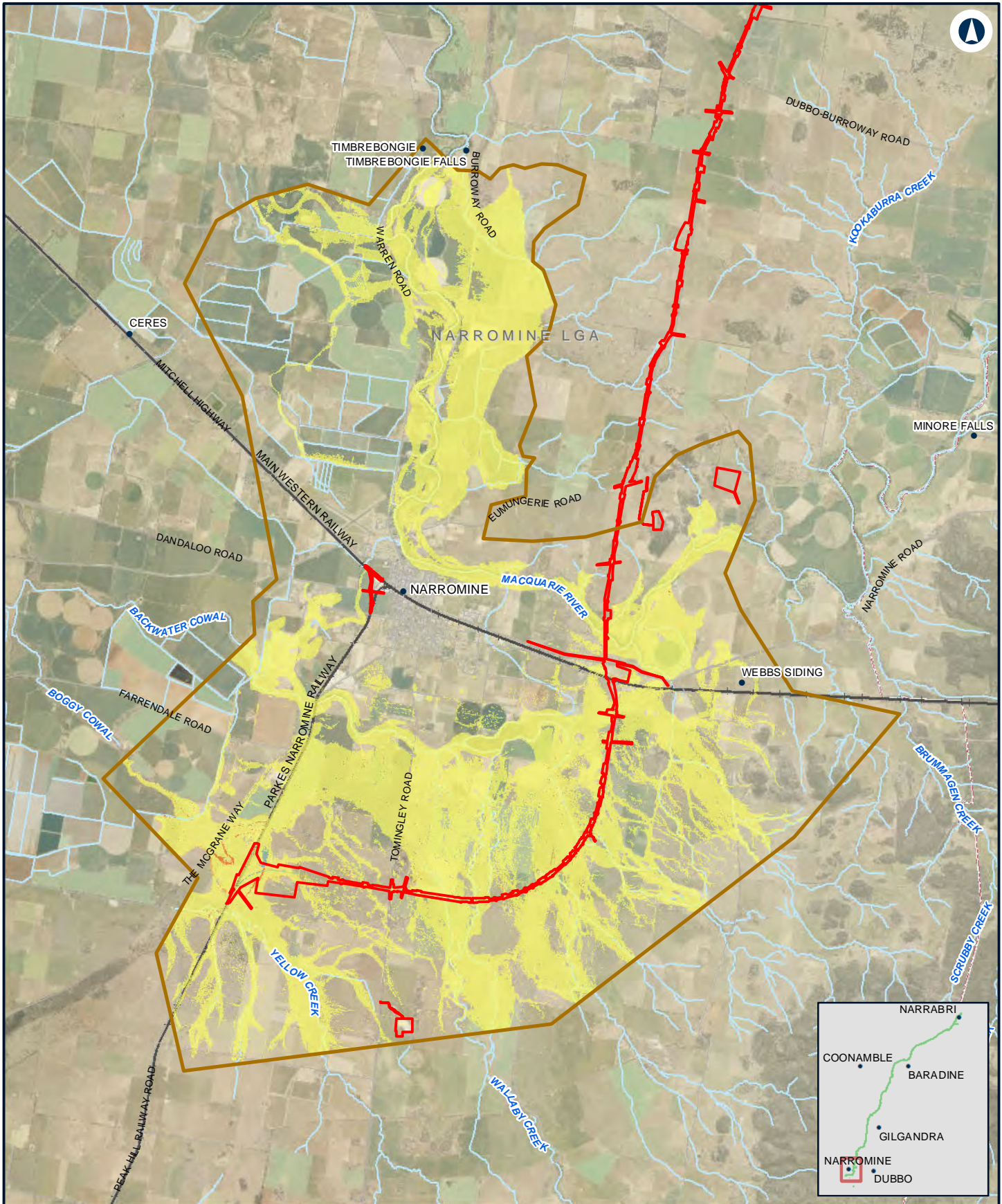
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



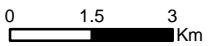
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - NFM

Appendix G - Figure 4.3a



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

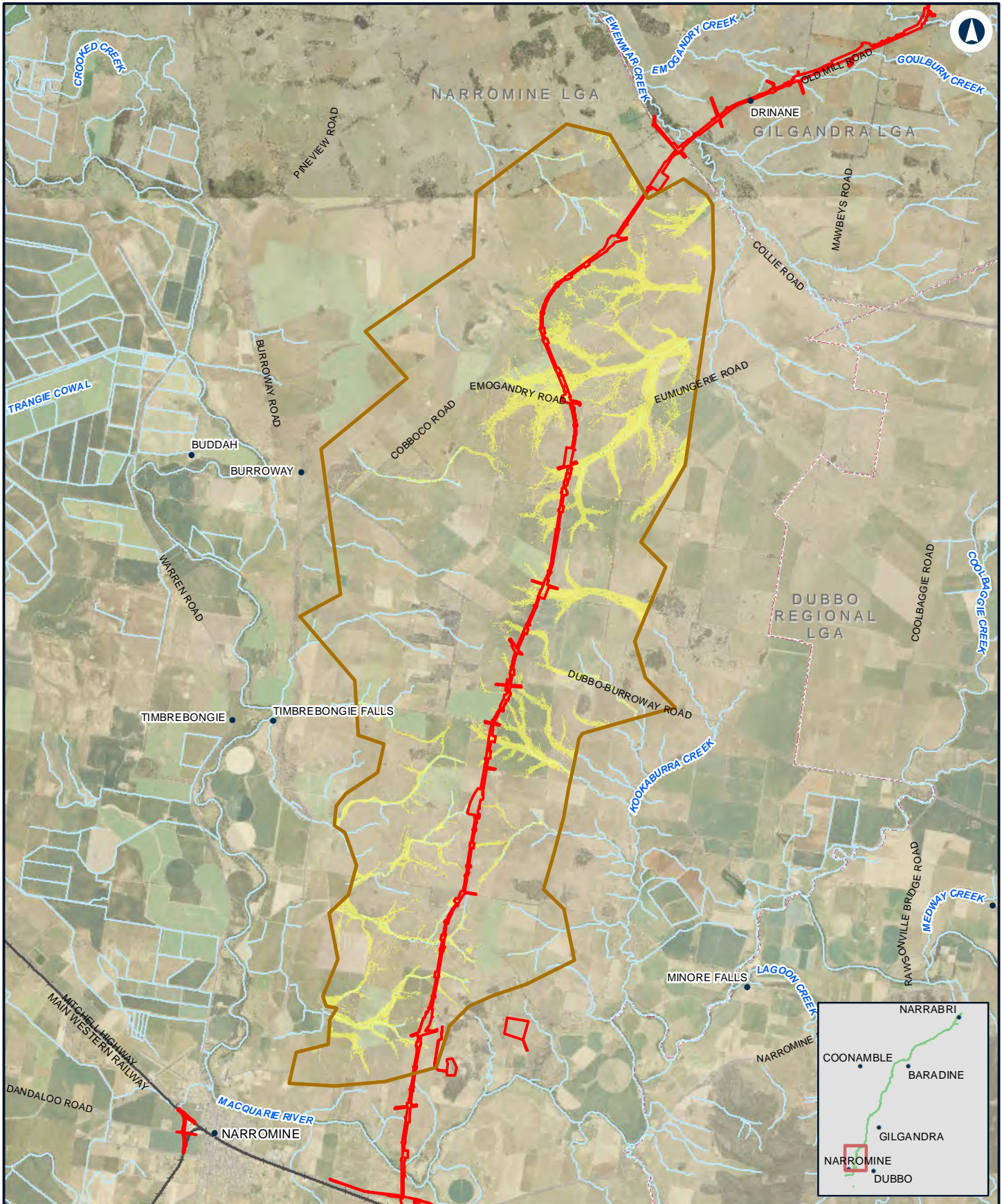
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



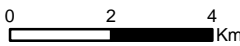
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N14

Appendix G - Figure 4.3b



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

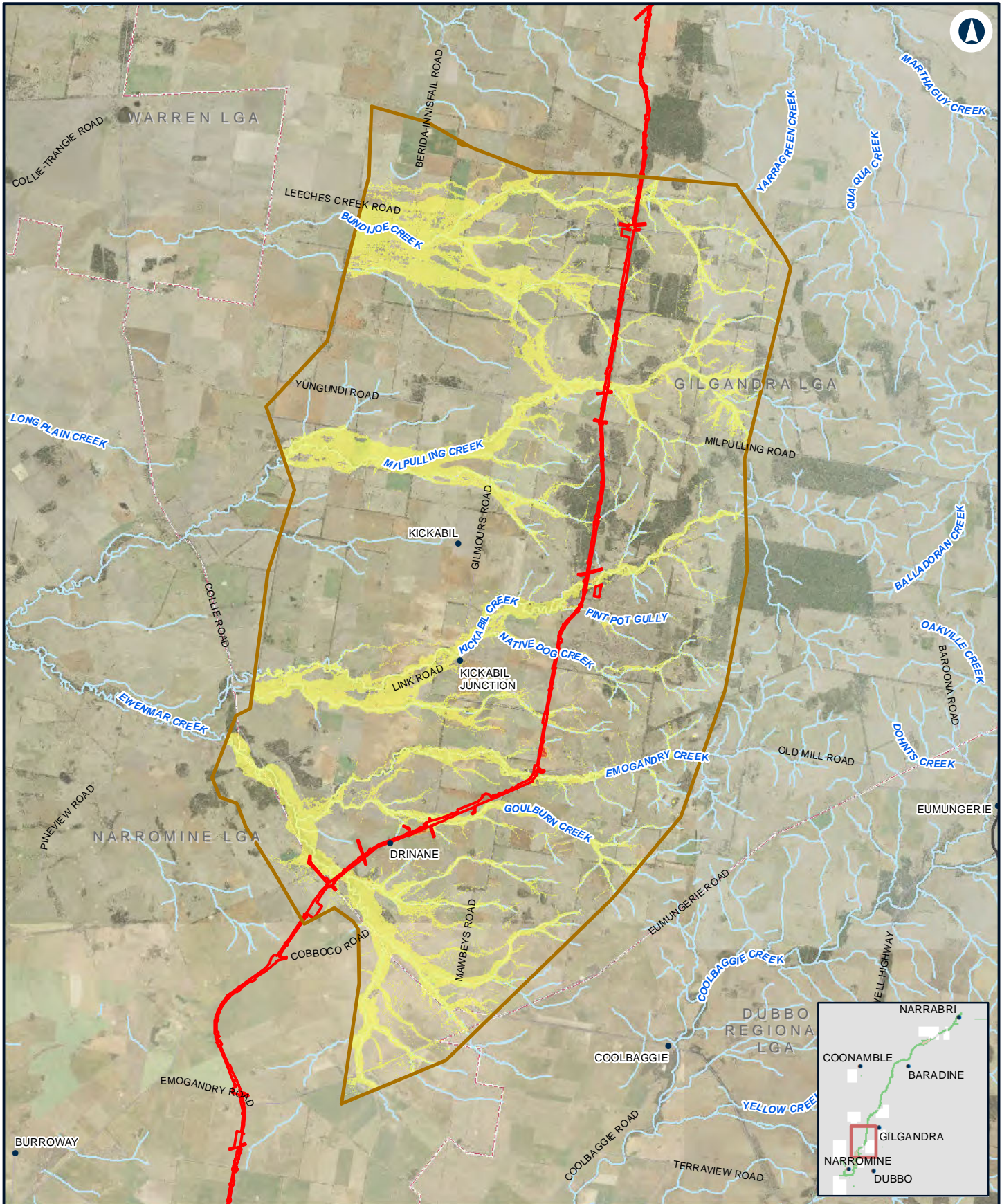
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



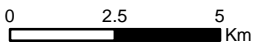
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N13

Appendix G - Figure 4.3c



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

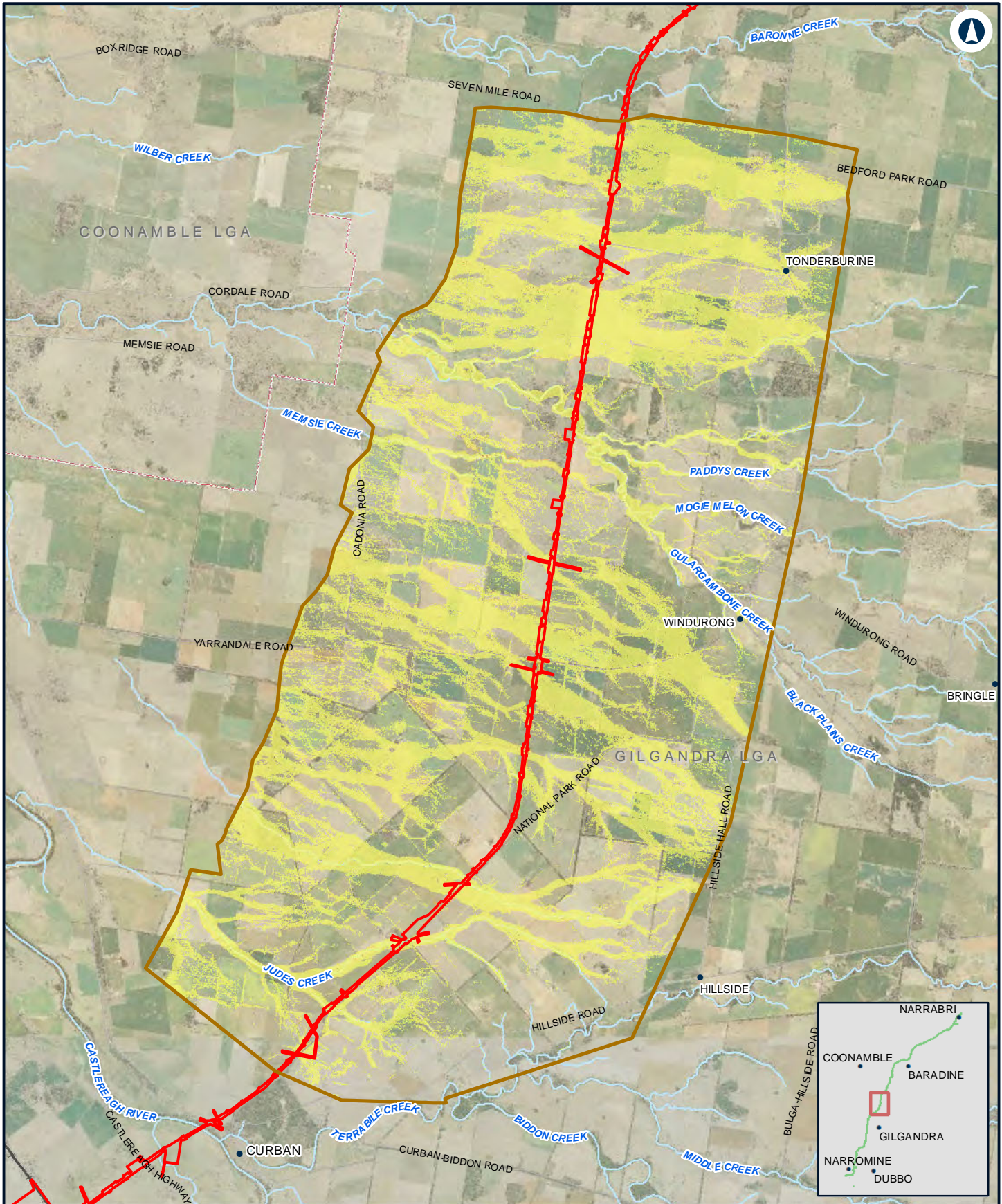
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



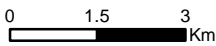
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N10

Appendix G - Figure 4.3e



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

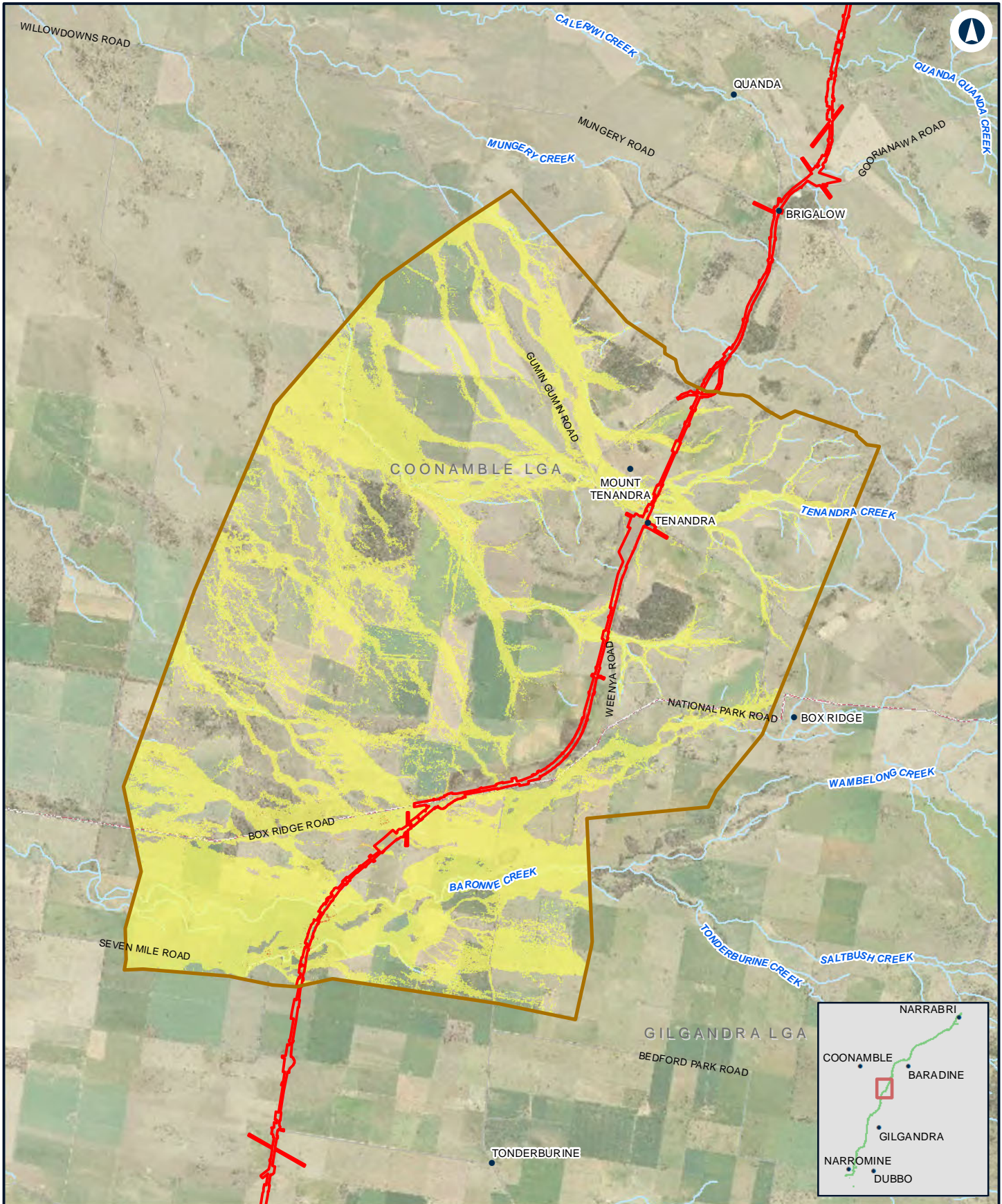
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



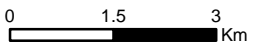
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N9

Appendix G - Figure 4.3f



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

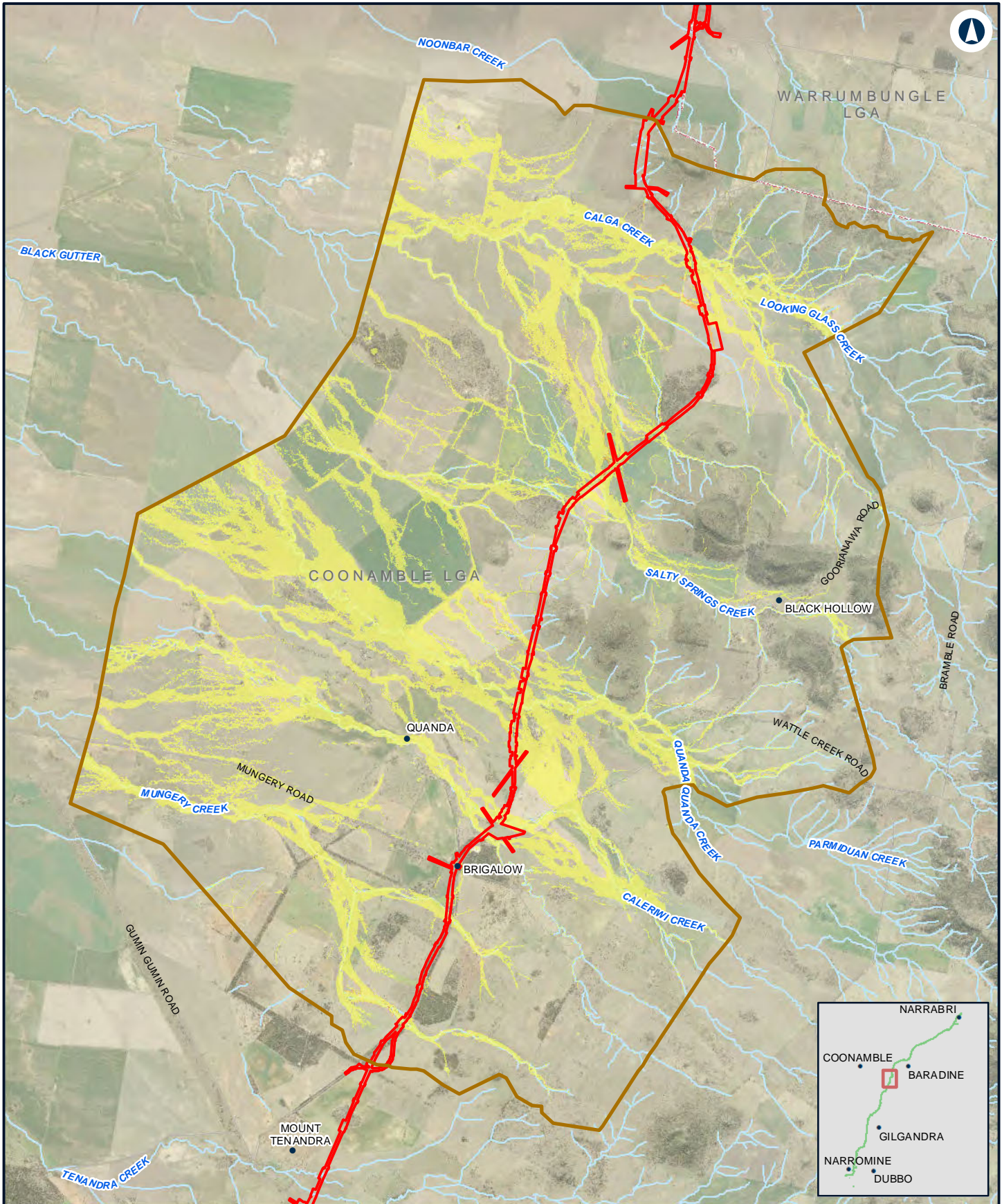
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



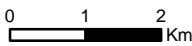
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N8

Appendix G - Figure 4.3g



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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

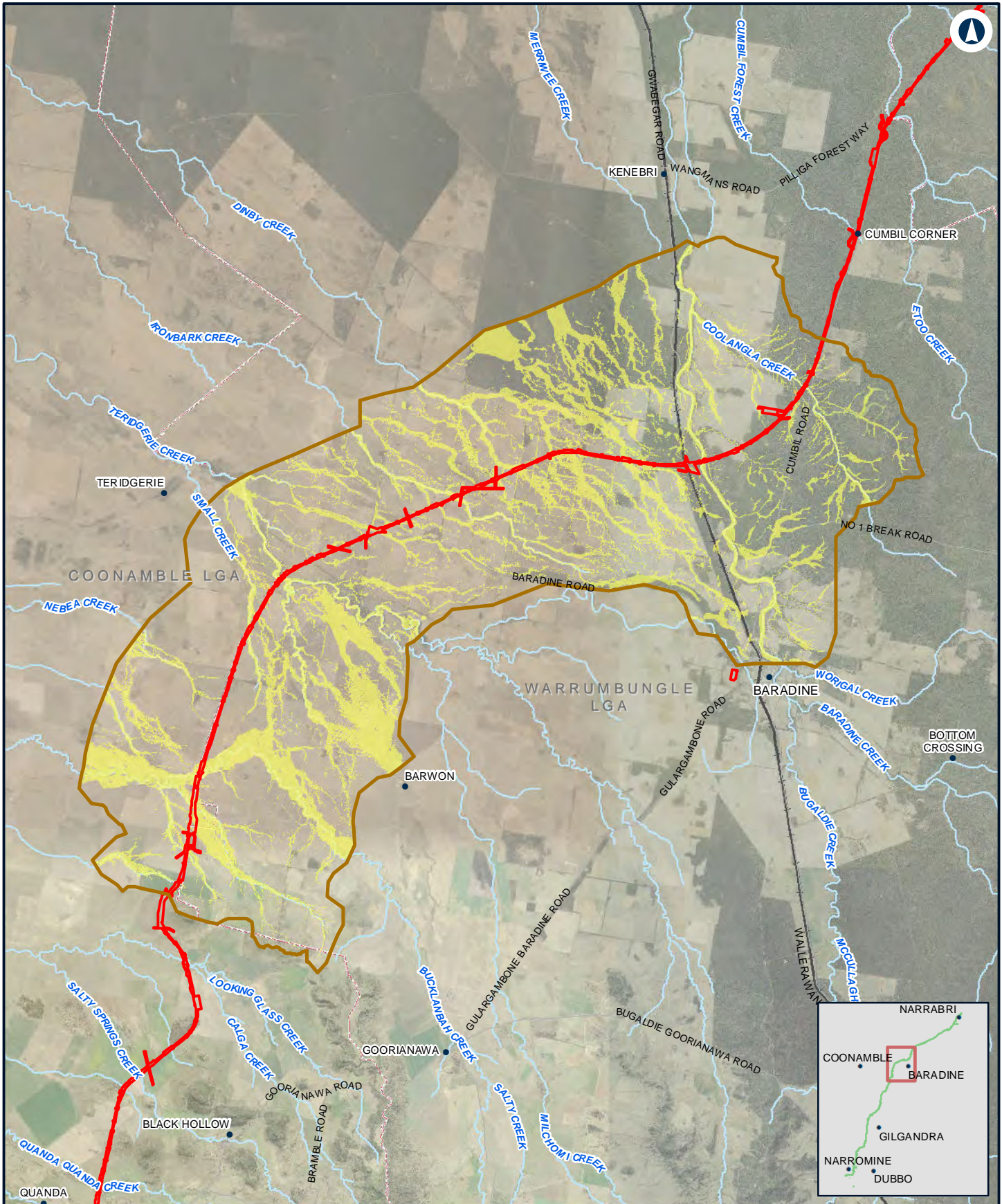
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



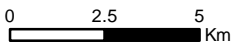
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N7

Appendix G - Figure 4.3h



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

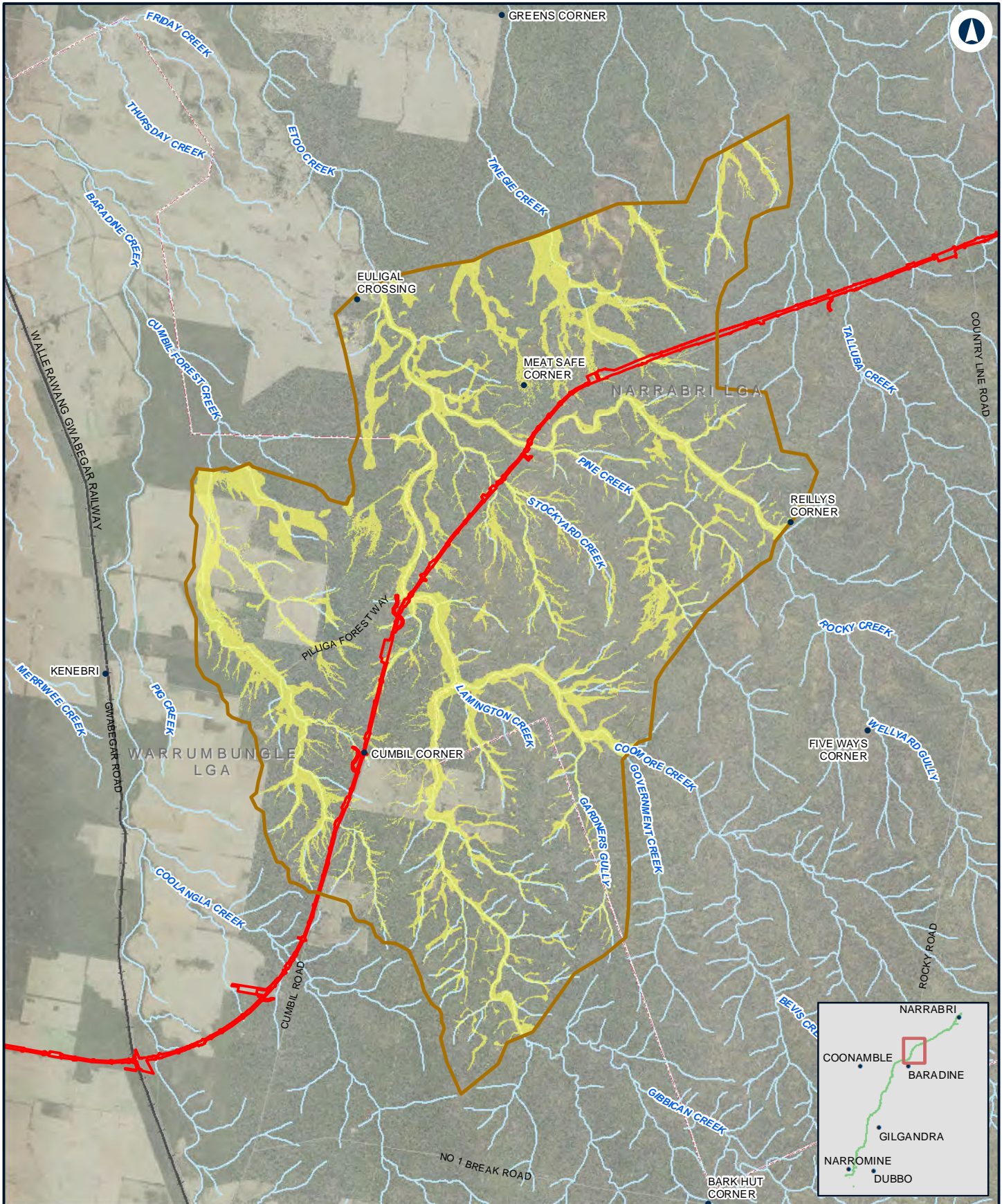
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI Change in flood hazard - 2% AEP - N2N6

Appendix G - Figure 4.3i

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

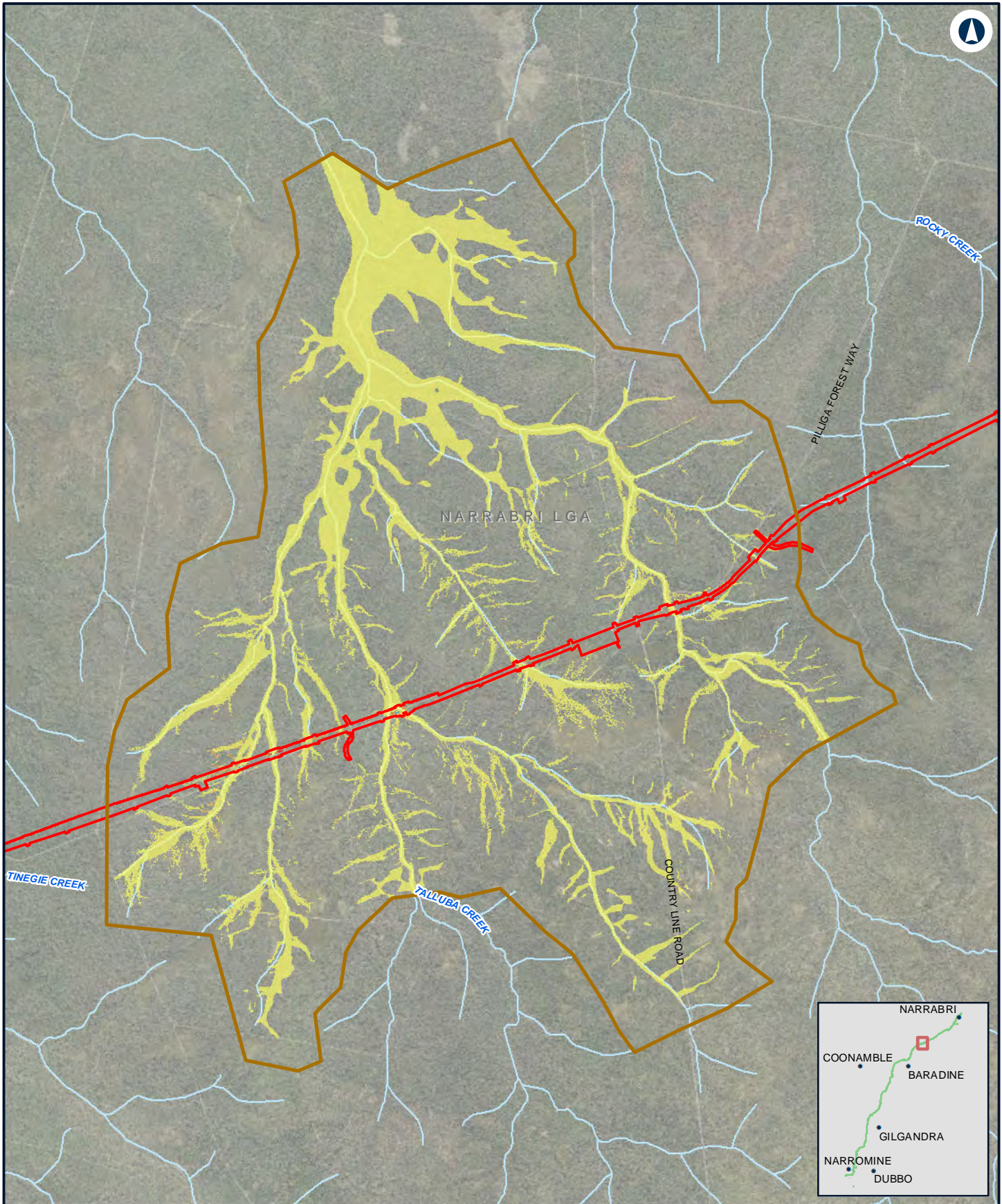
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Was high, now low
- Was high, now dry
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.

INLAND RAIL **ARTC**

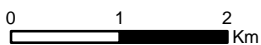
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N5

Appendix G - Figure 4.3j



Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

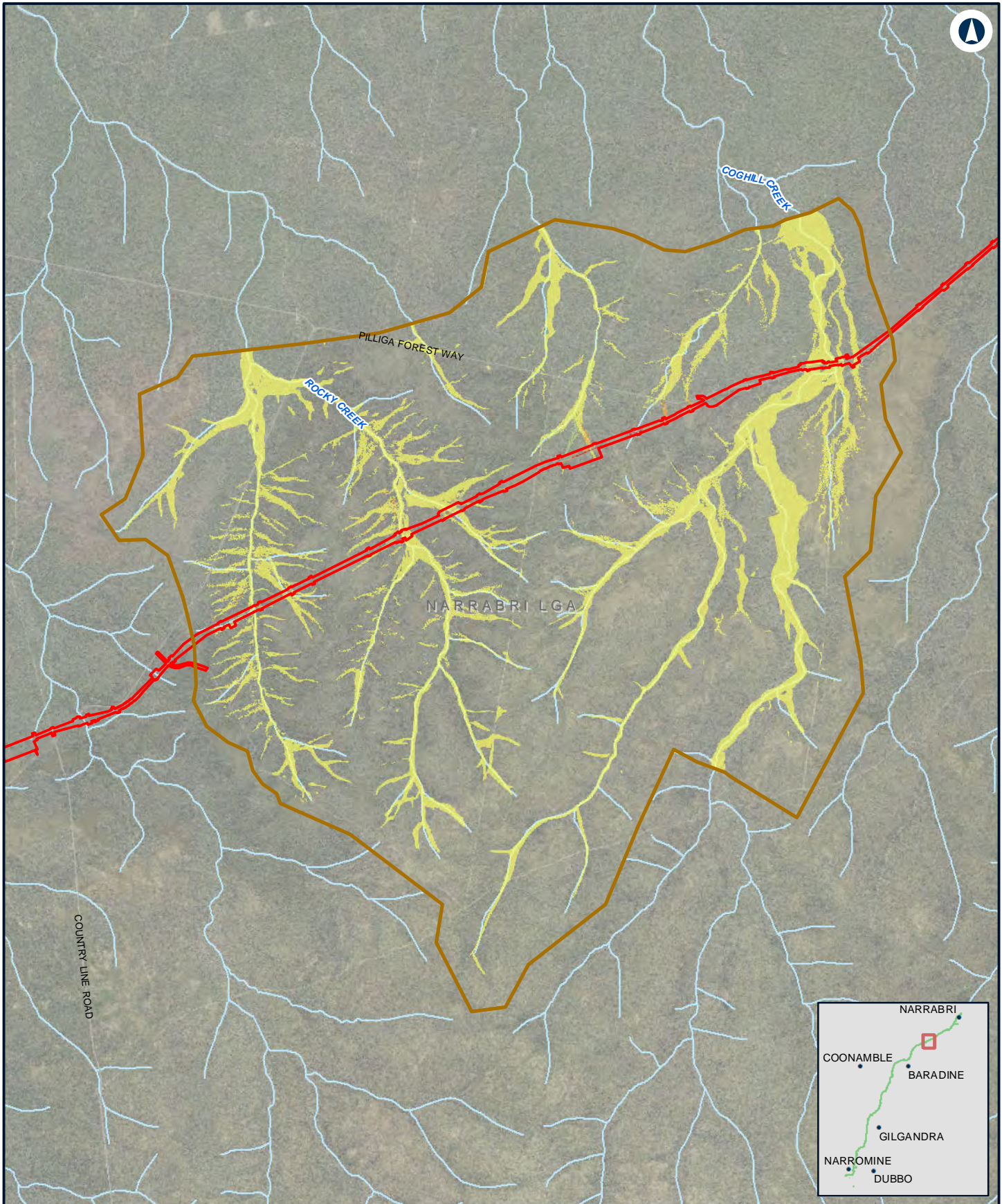
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



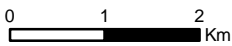
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N4

Appendix G - Figure 4.3k



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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

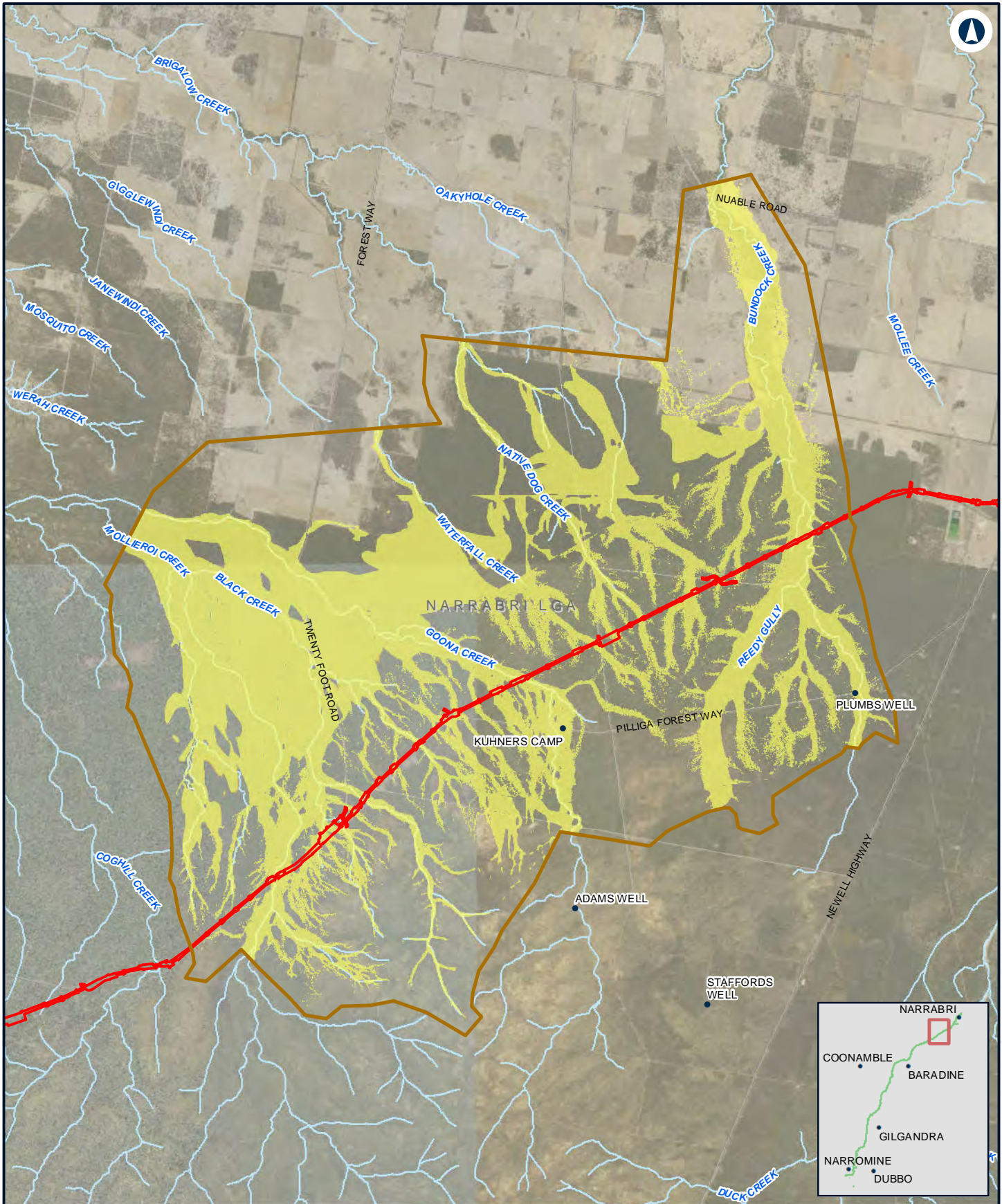
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



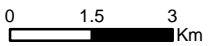
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N23

Appendix G - Figure 4.3I



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

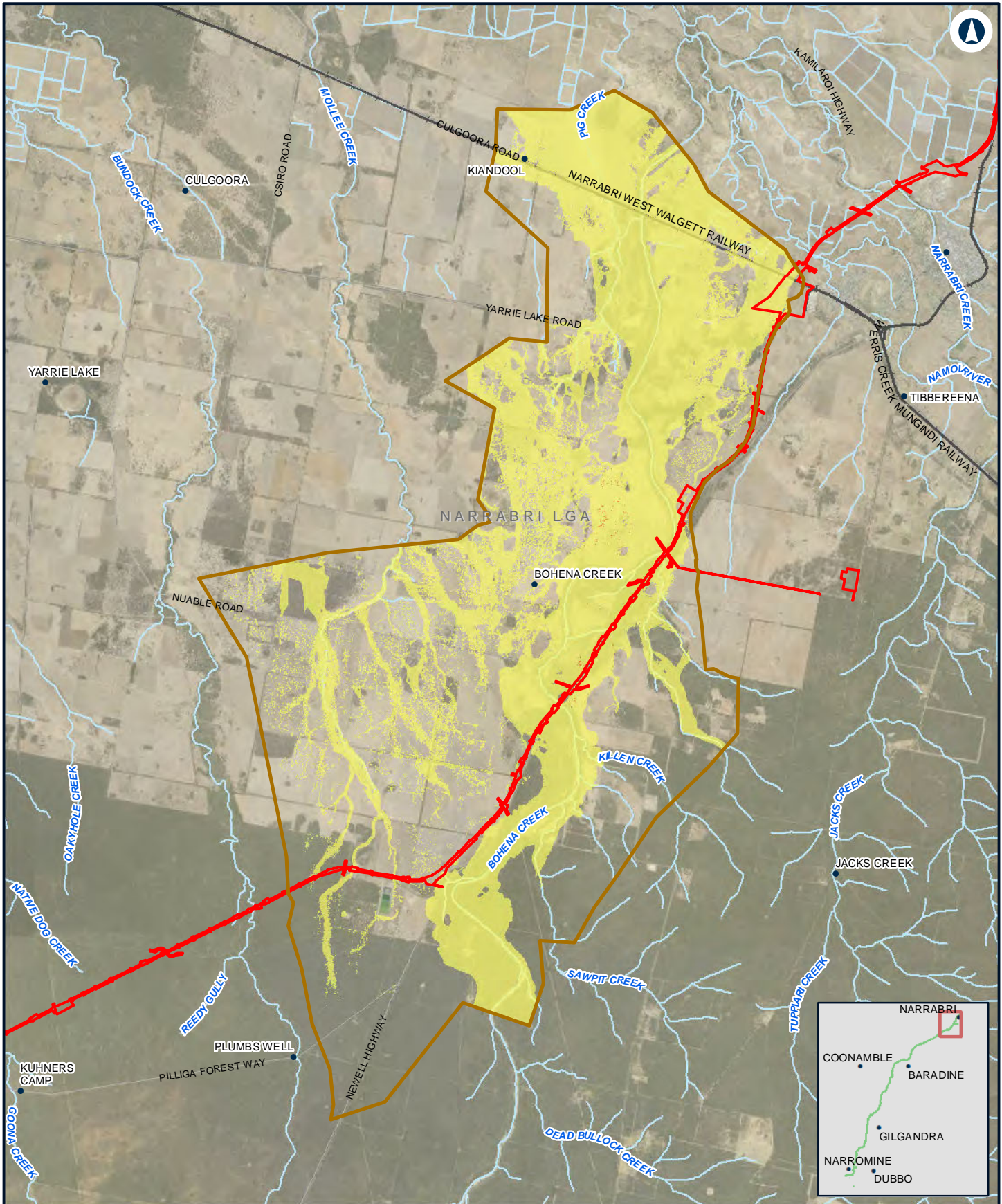
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



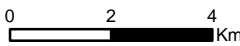
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - N2N1

Appendix G - Figure 4.3m



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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

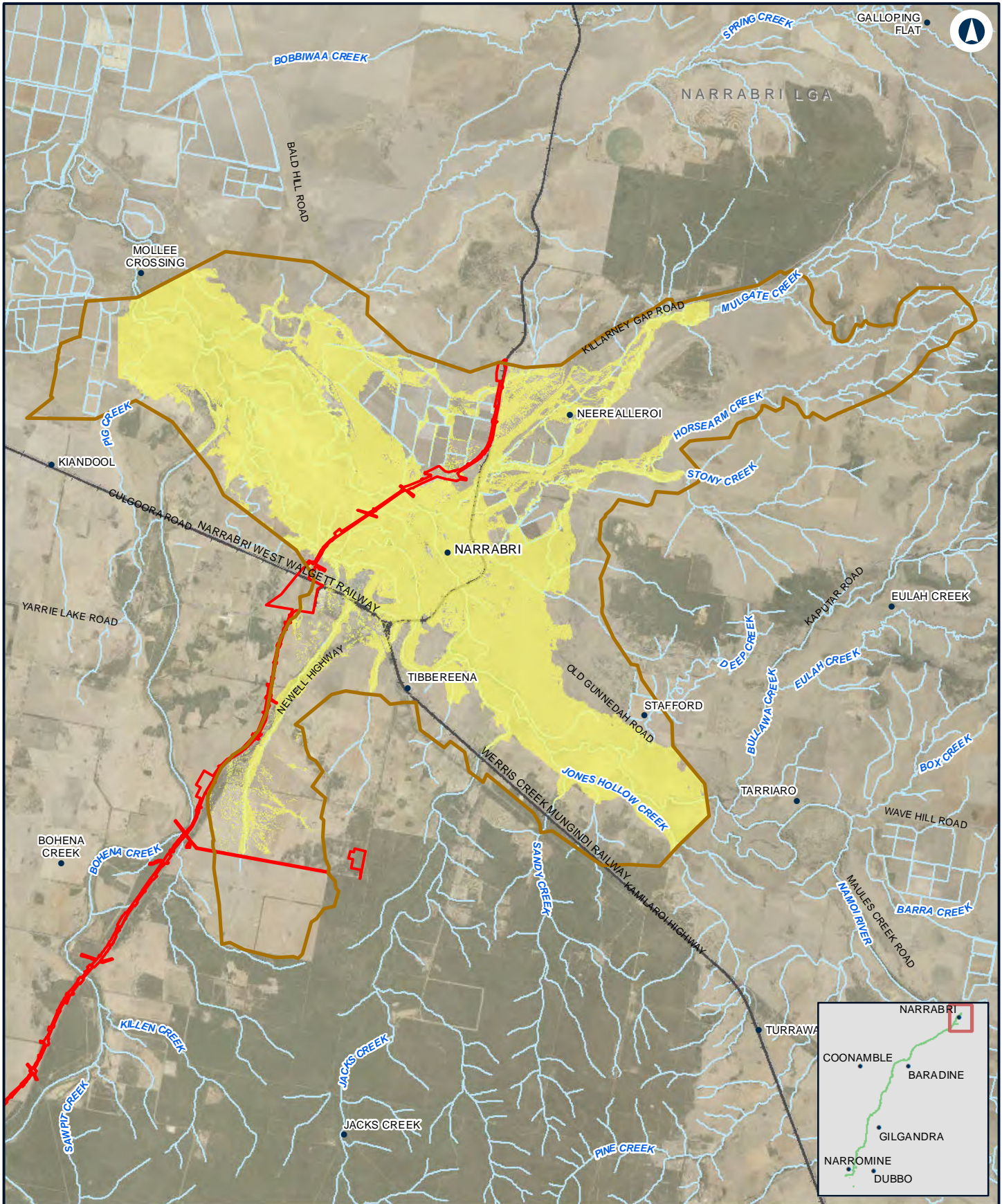
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



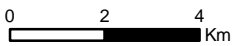
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NARROMINE TO NARRABRI

Change in flood hazard - 2% AEP - Narrabri

Appendix G - Figure 4.3n



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

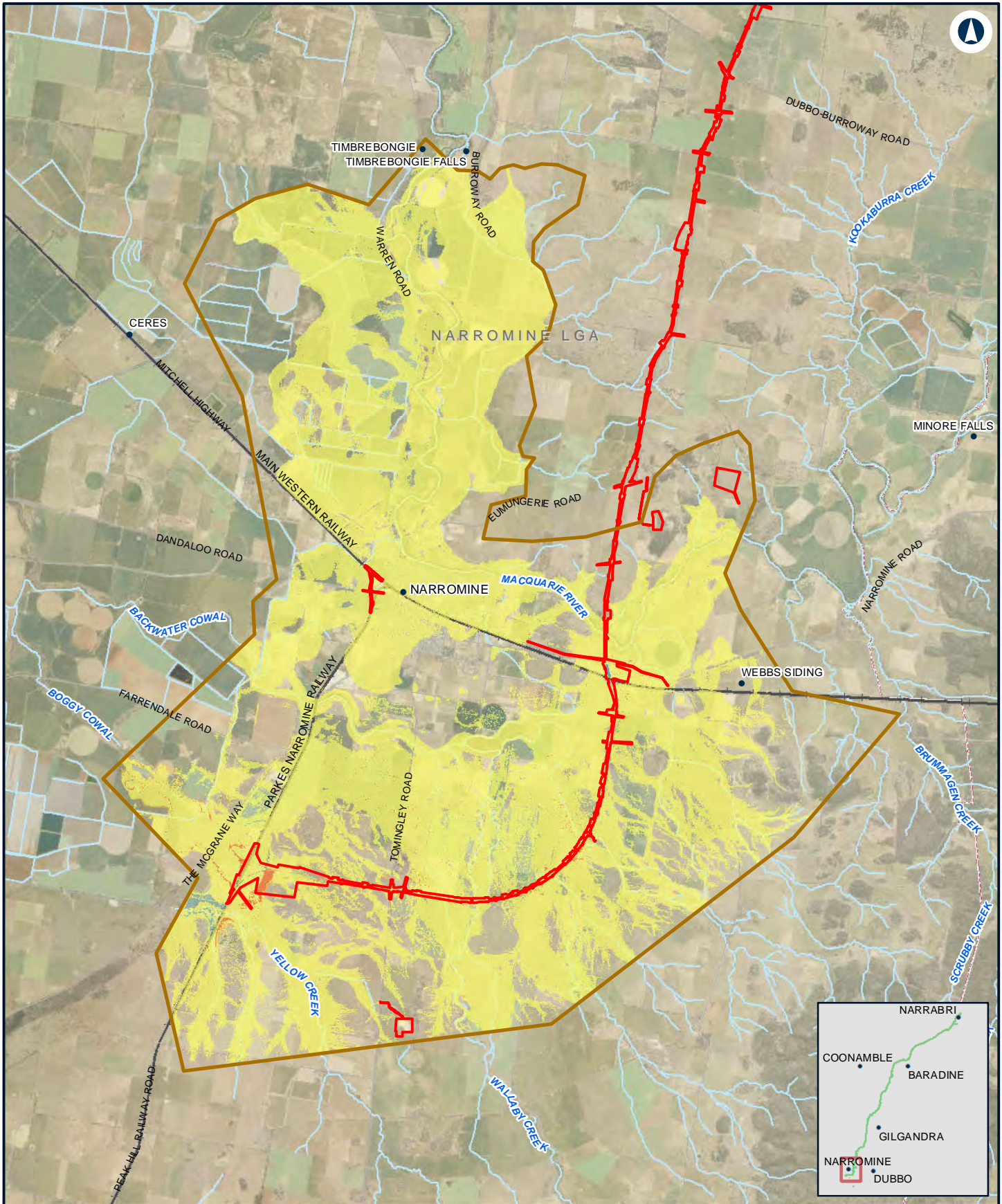
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



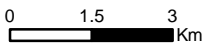
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - NFM

Appendix G - Figure 4.4a



Coordinate System: GDA 1994 MGA Zone 55
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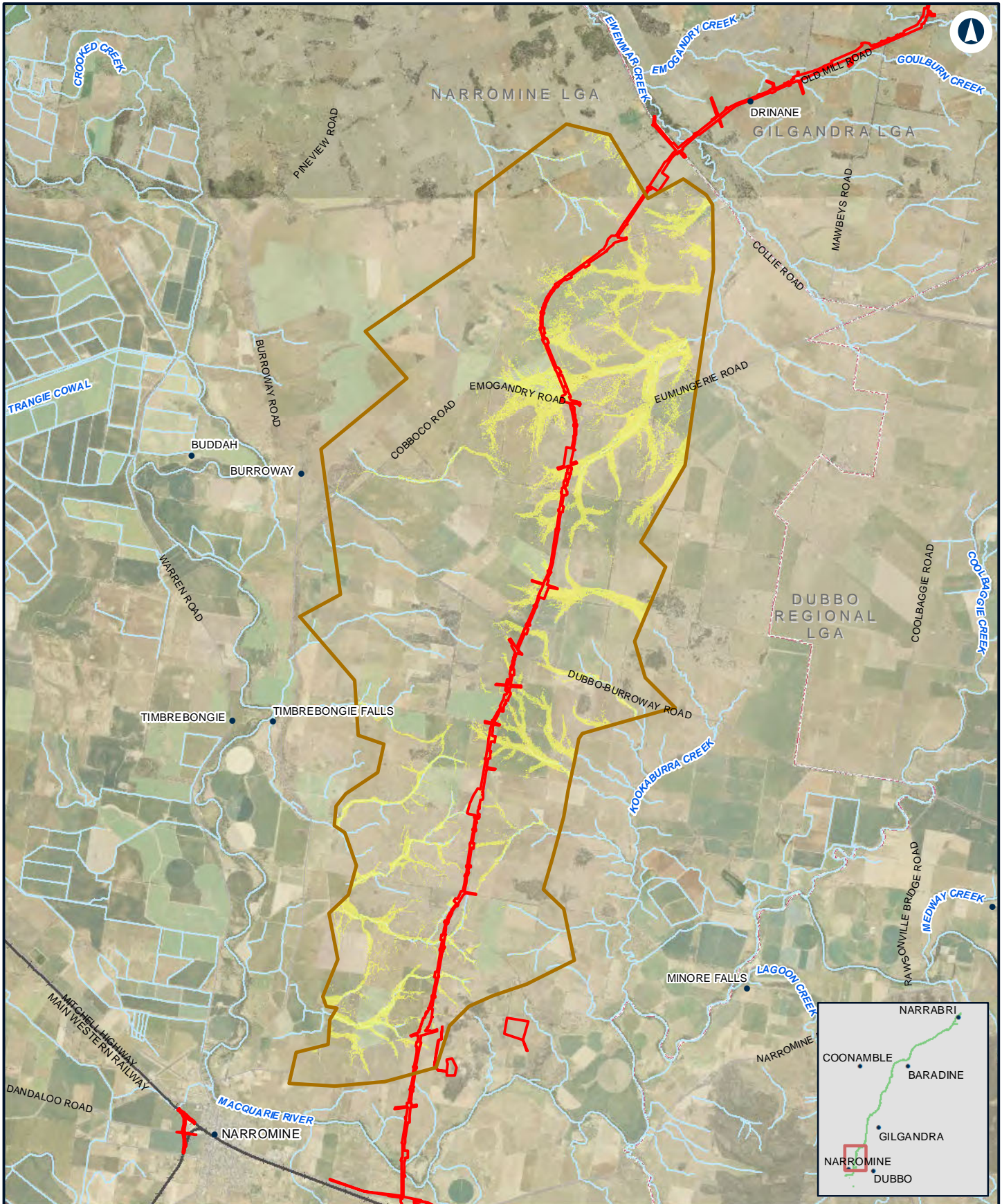
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was low, now dry
- Was high, now dry
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged



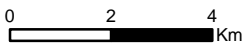
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N14

Appendix G - Figure 4.4b



LEGEND

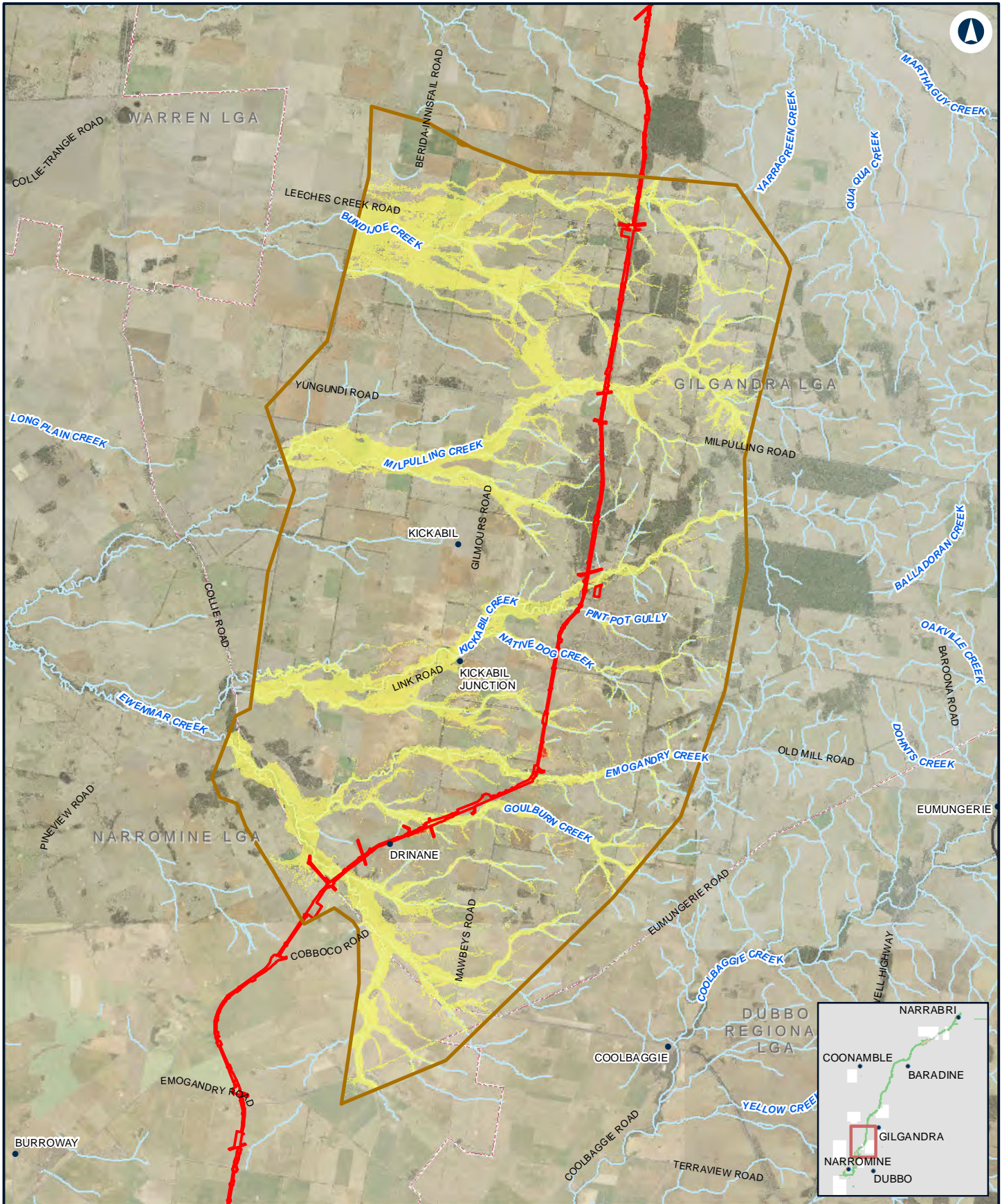
- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Coordinate System: GDA 1994 MGA Zone 55
 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

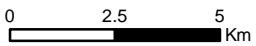


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NARROMINE TO NARRABRI Change in flood hazard - 1% AEP with blockage - N2N13

Appendix G - Figure 4.4c



LEGEND

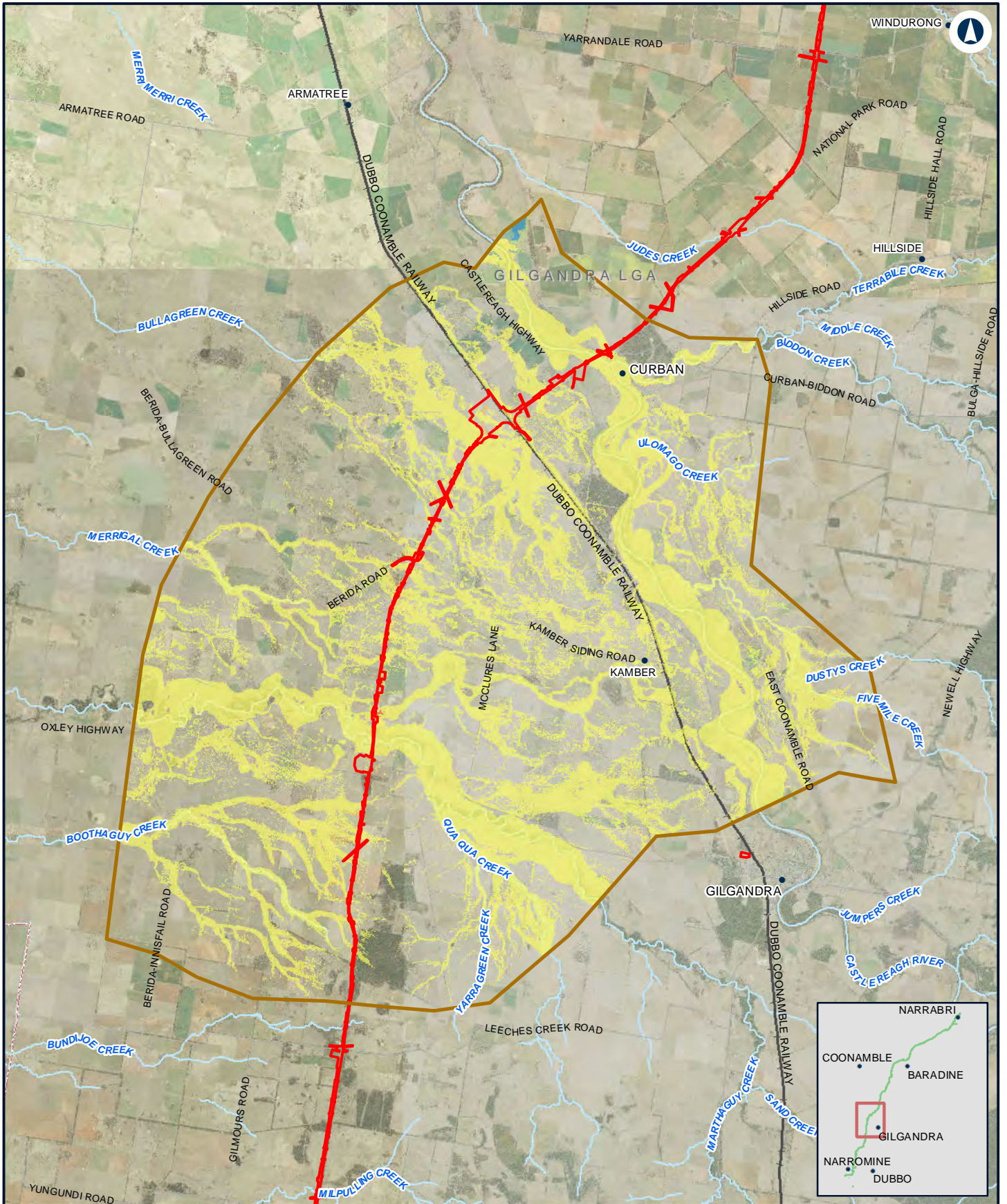
- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



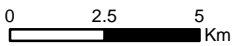
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NARRIMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N11N12

Appendix G - Figure 4.4d



Coordinate System: GDA 1994 MGA Zone 55
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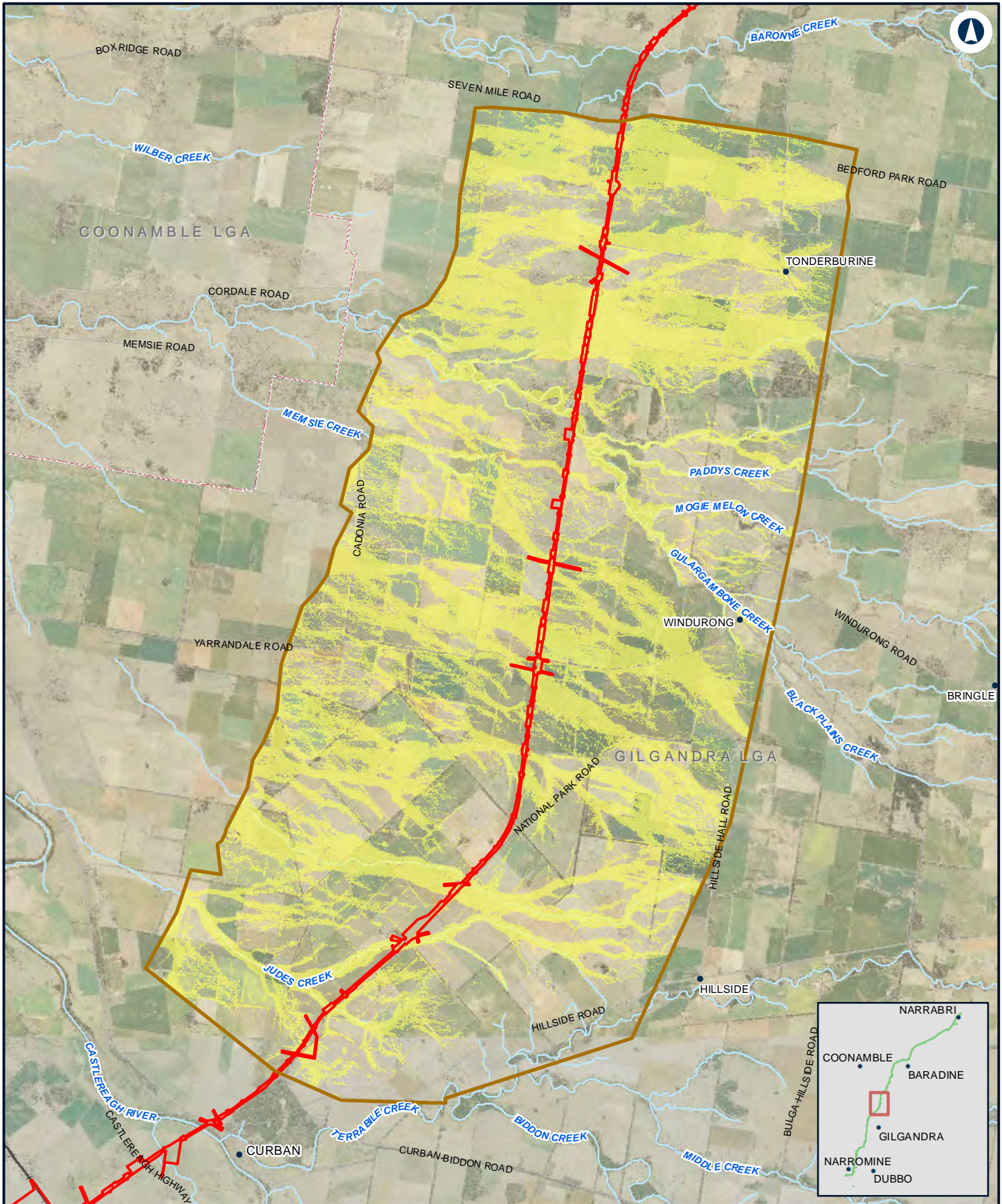
Date: 5/08/2022
 Author: JacobsGHD
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was low, now dry
- Was high, now dry
- Was low, now high
- Was dry, now low
- Unchanged



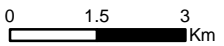
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N10

Appendix G - Figure 4.4e



LEGEND

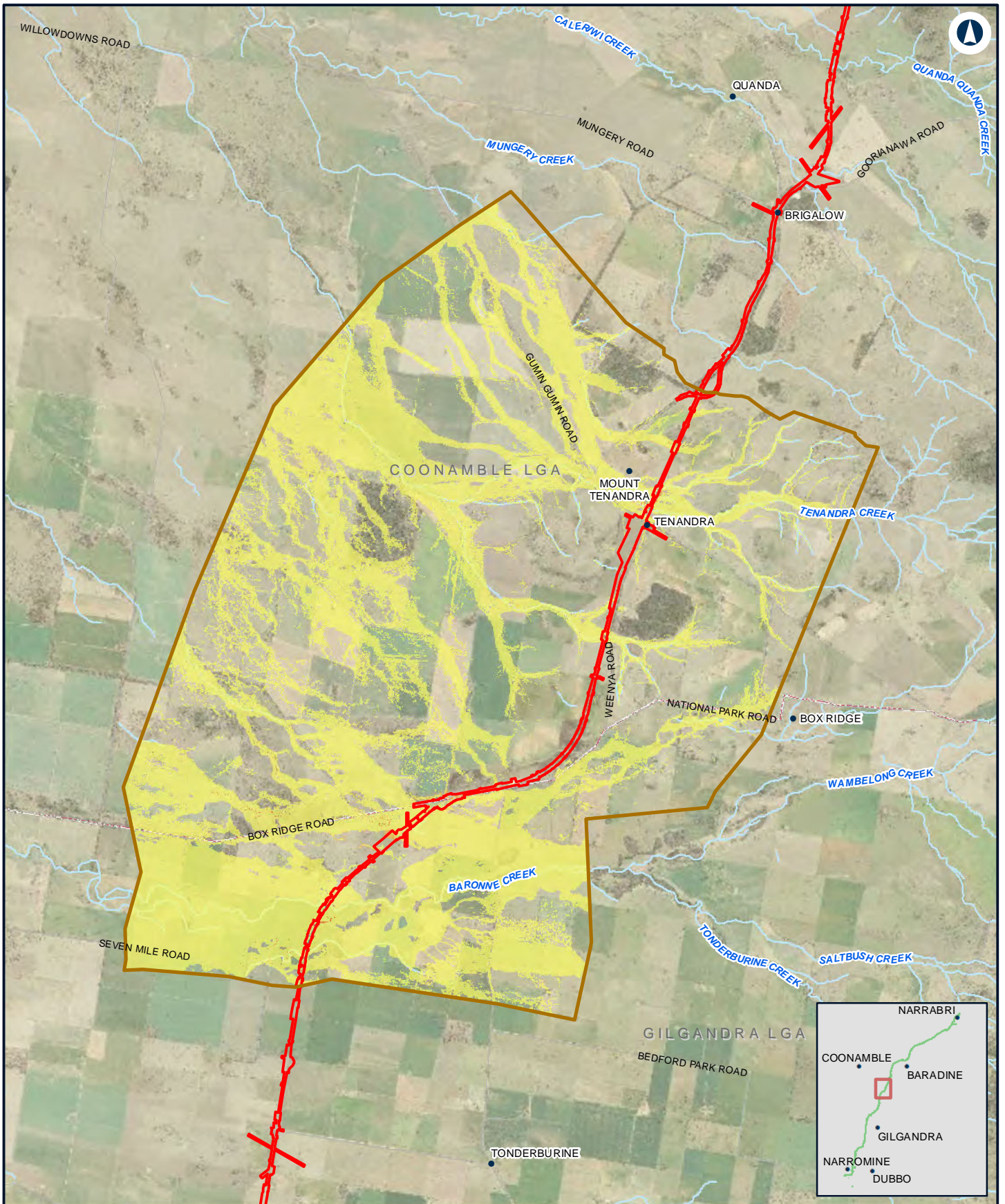
- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:130,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



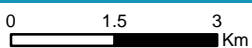
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N9

Appendix G - Figure 4.4f



Coordinate System: GDA 1994 MGA Zone 55

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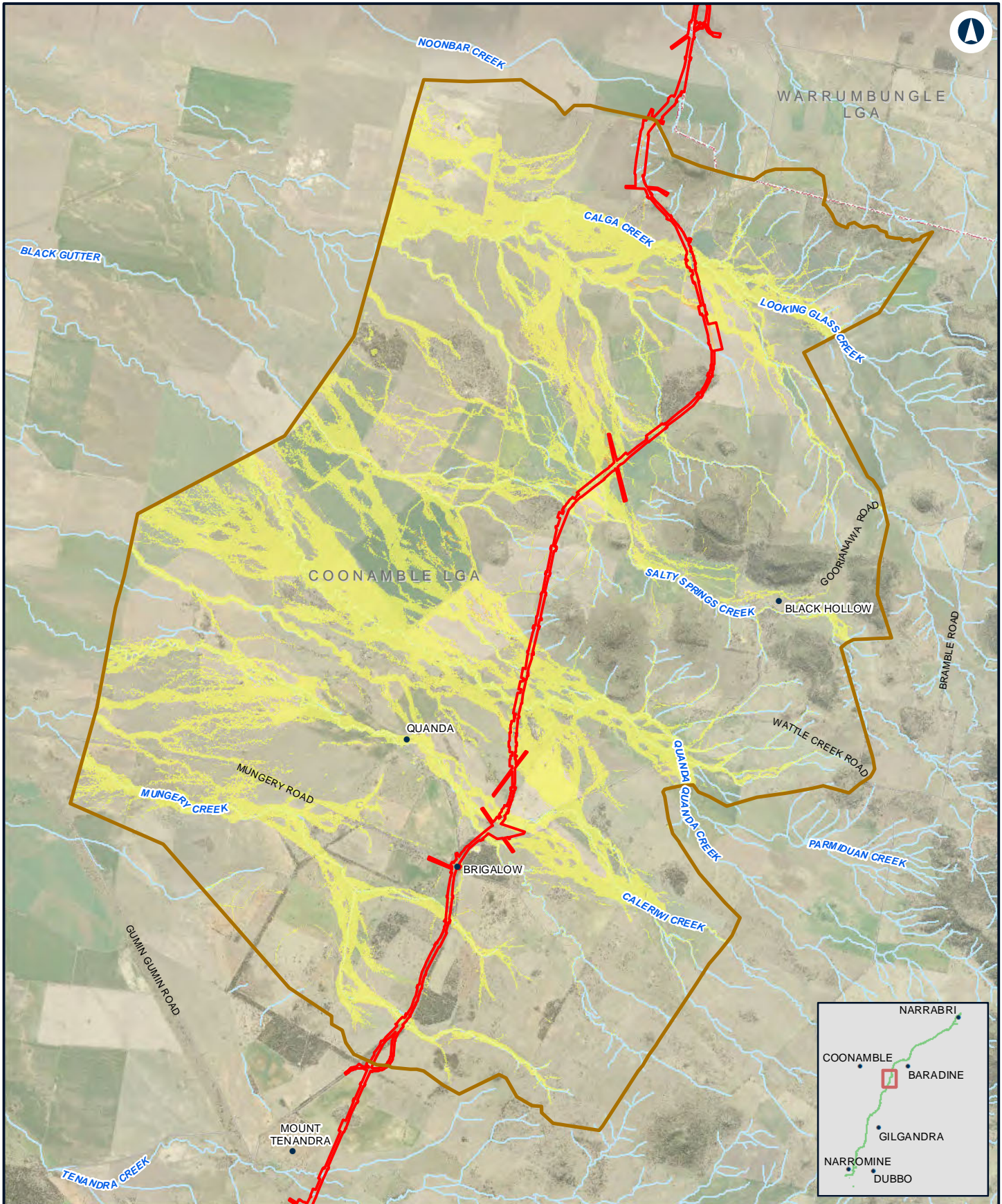
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:110,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



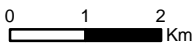
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N8

Appendix G - Figure 4.4g



Coordinate System: GDA 1994 MGA Zone 55
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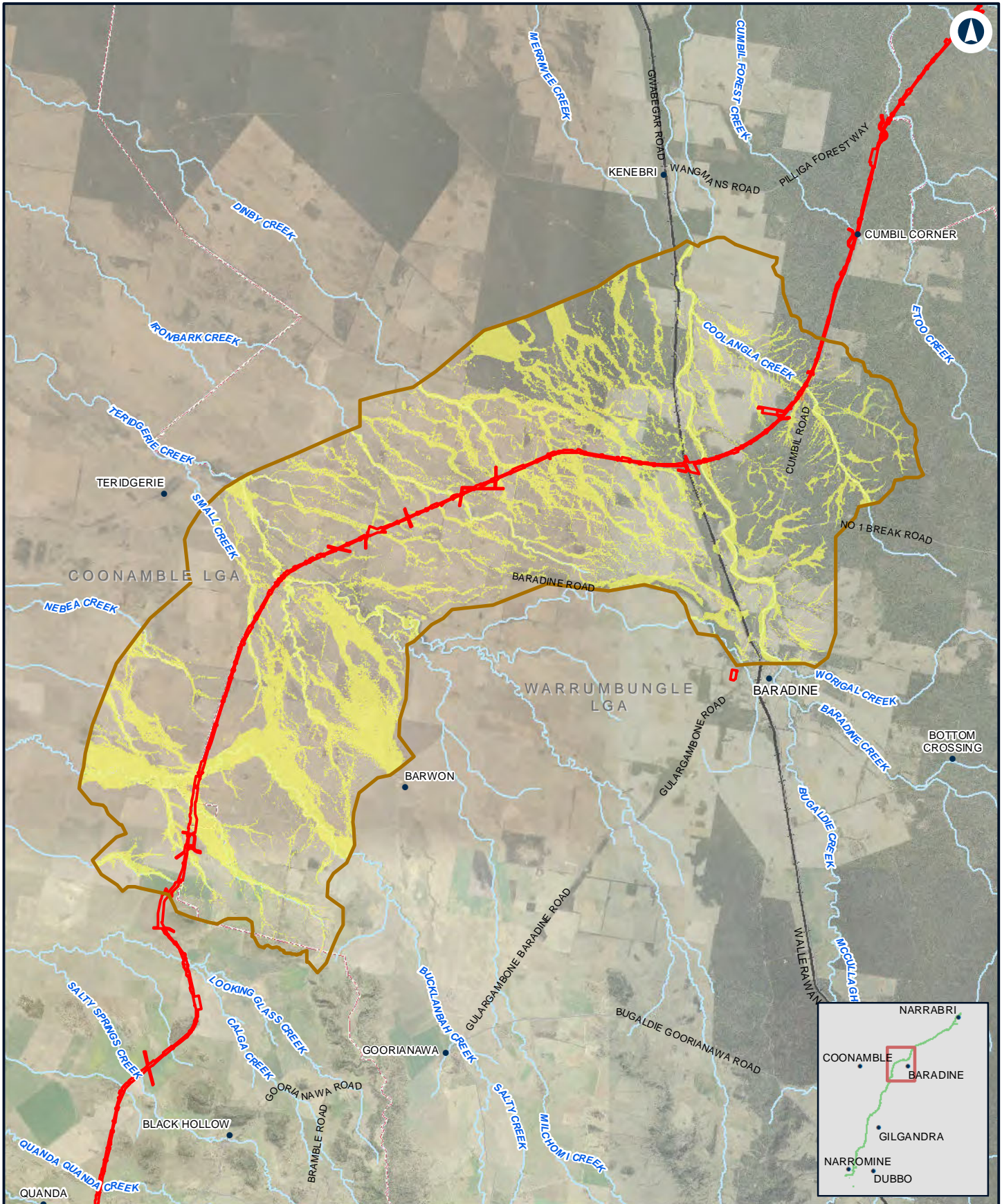
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:100,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



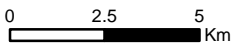
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N7

Appendix G - Figure 4.4h



Coordinate System: GDA 1994 MGA Zone 55
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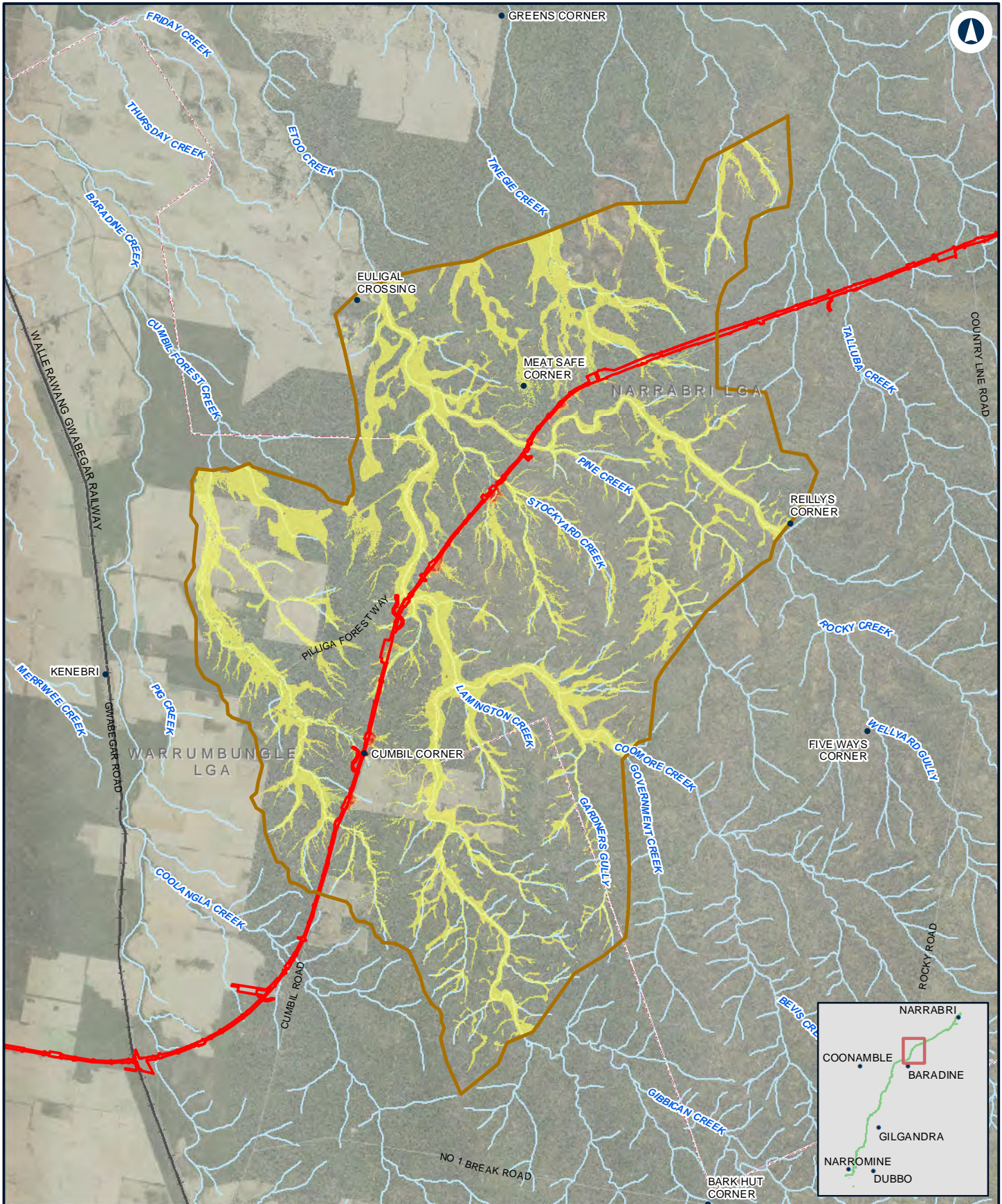
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:200,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was low, now dry
- Was high, now low
- Was high, now dry
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged



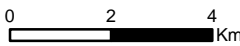
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N6

Appendix G - Figure 4.4i



LEGEND

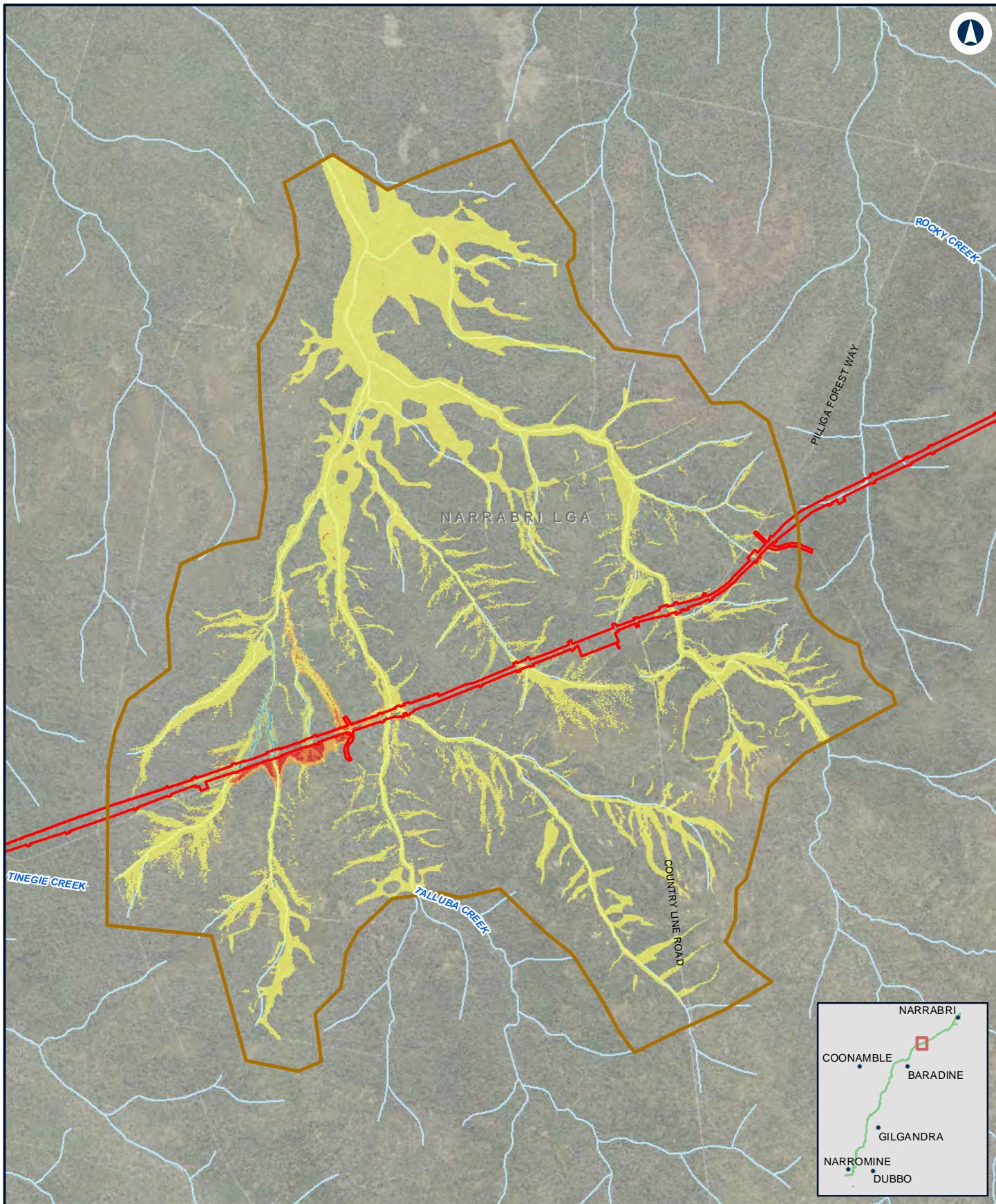
- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



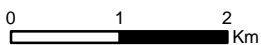
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N5

Appendix G - Figure 4.4j



Coordinate System: GDA 1994 MGA Zone 55

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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000

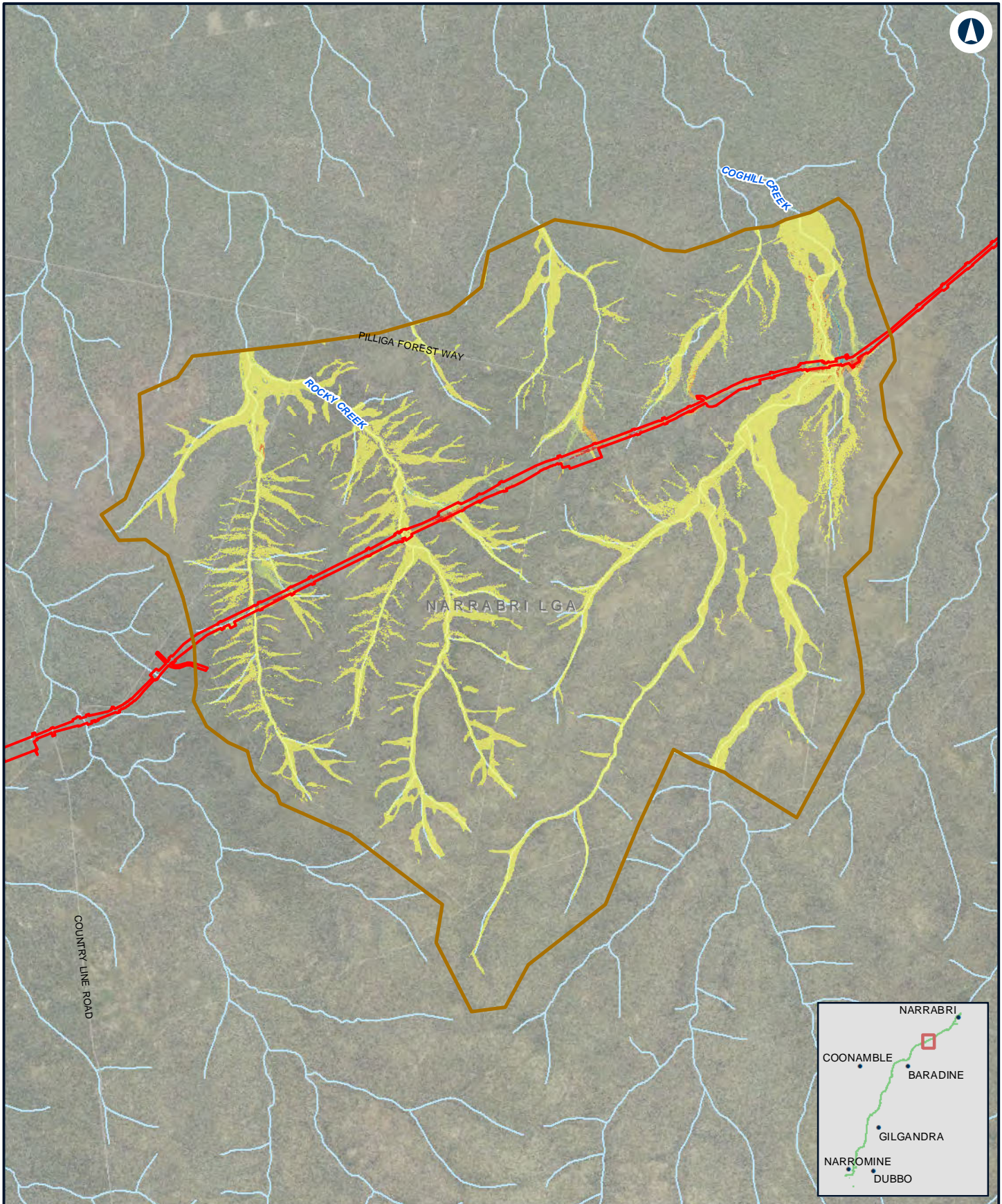
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



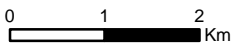
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N4

Appendix G - Figure 4.4k



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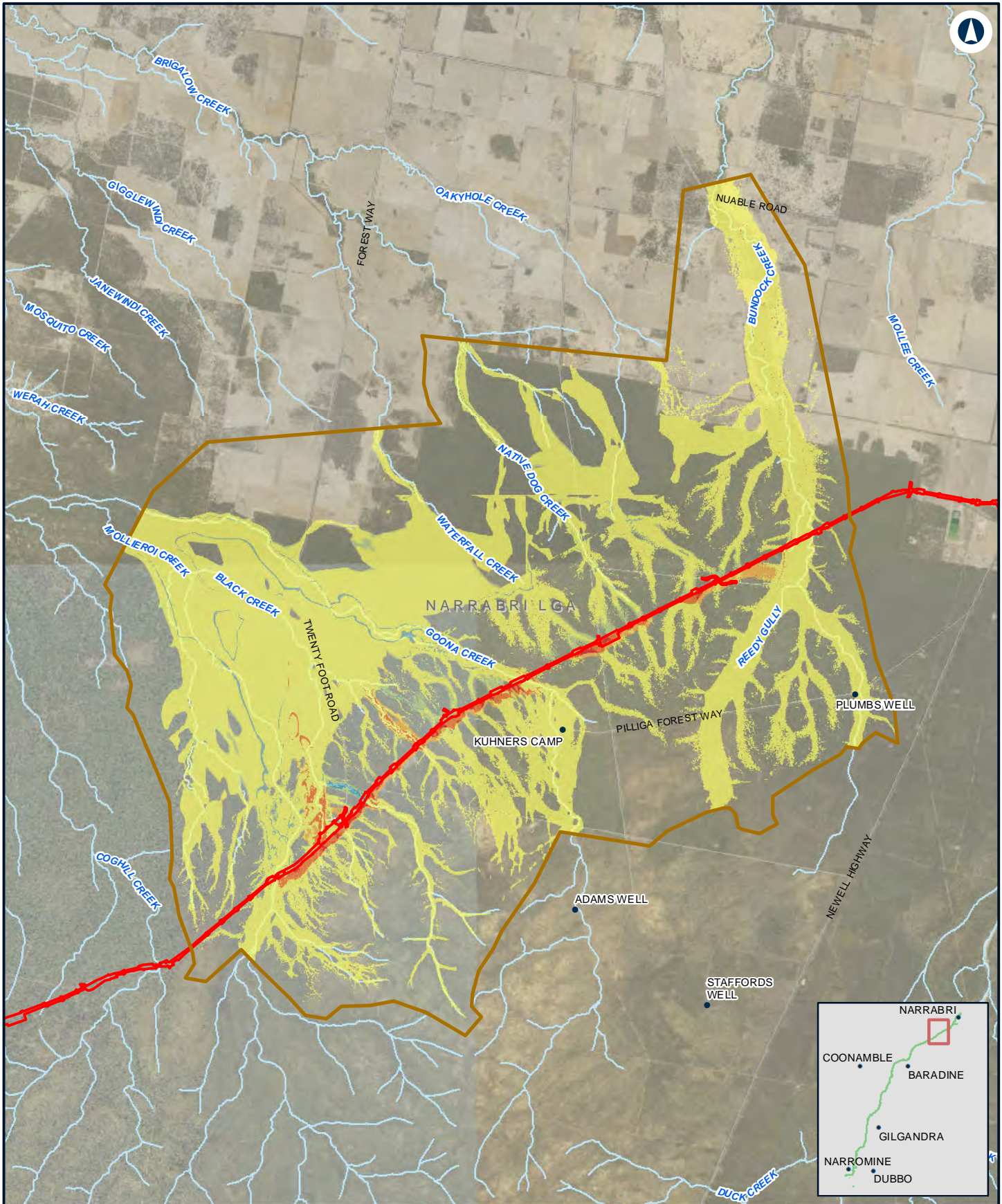
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:80,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



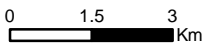
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N23

Appendix G - Figure 4.41



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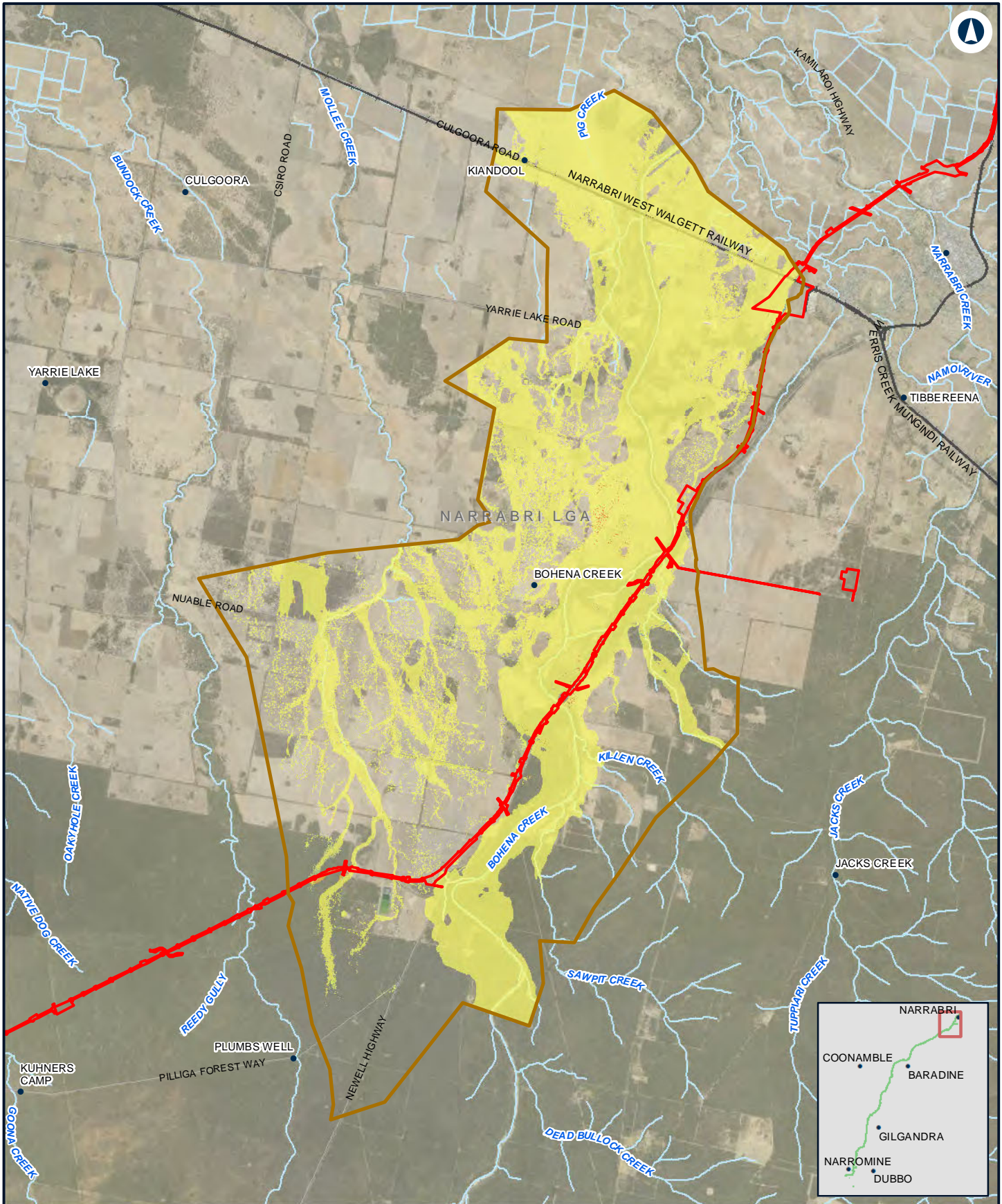
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



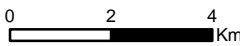
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - N2N1

Appendix G - Figure 4.4m



LEGEND

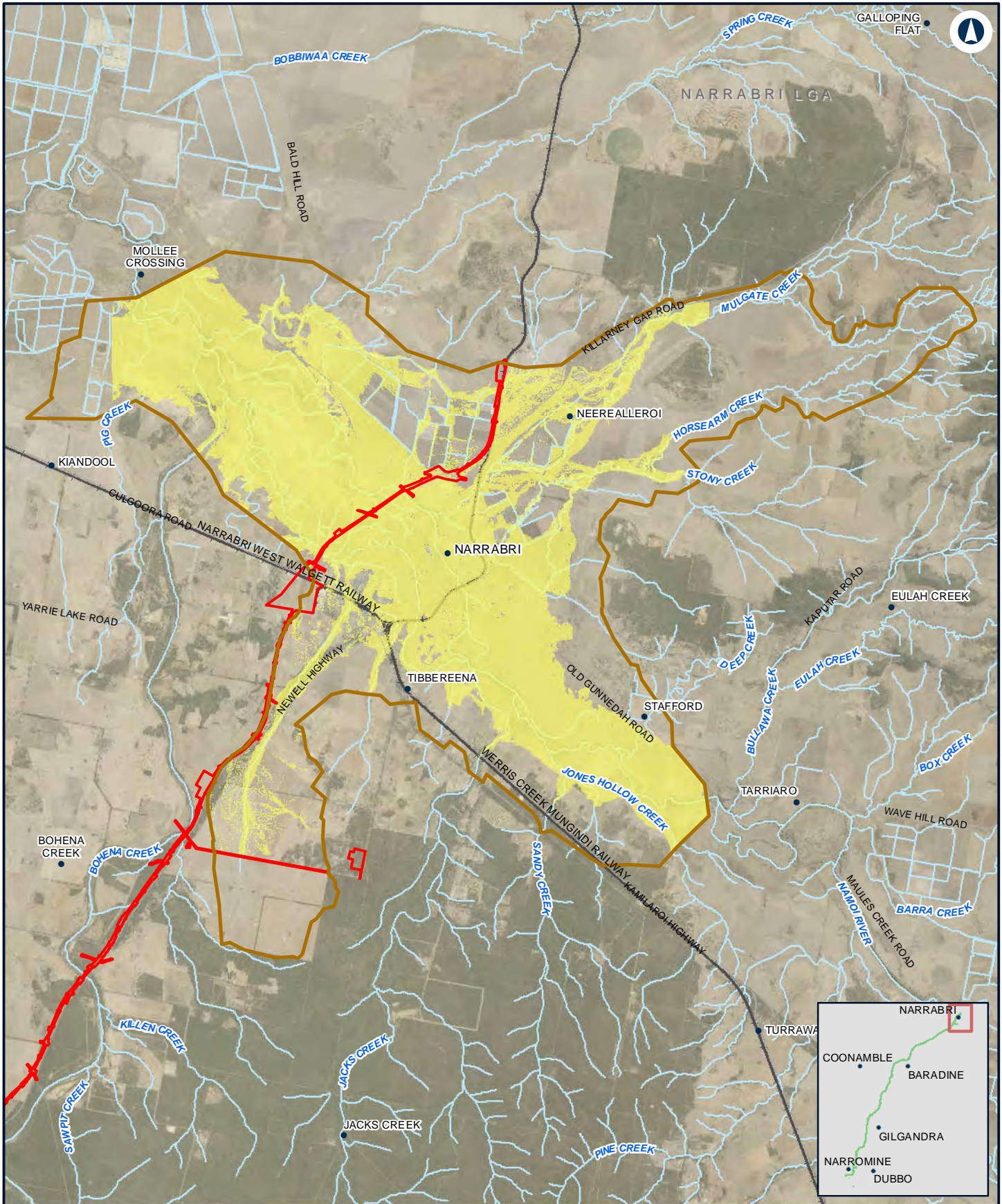
- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



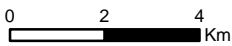
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with blockage - Narrabri

Appendix G - Figure 4.4n



Coordinate System: GDA 1994 MGA Zone 55
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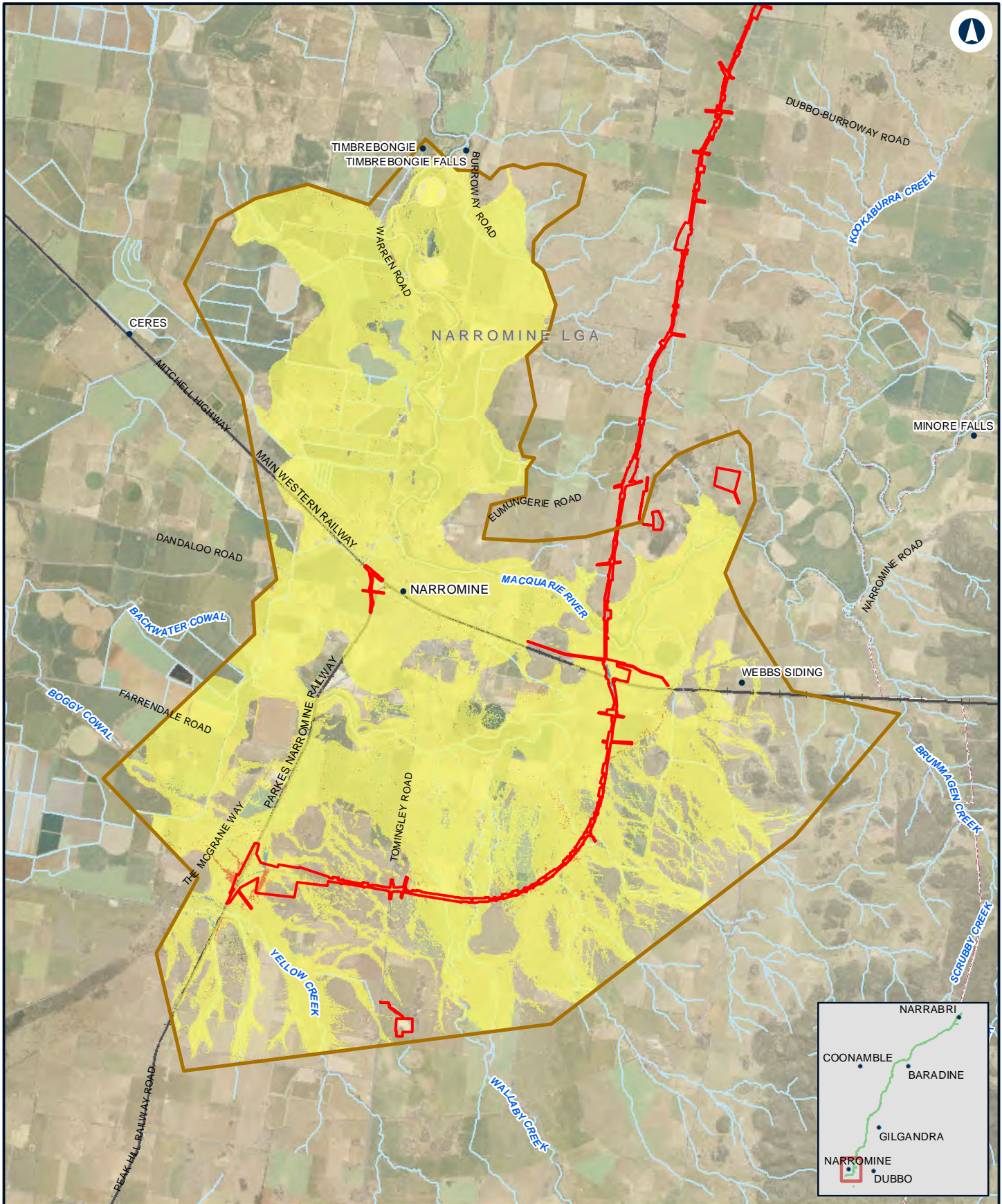
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:160,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



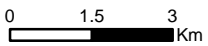
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - NFM

Appendix G - Figure 4.5a



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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

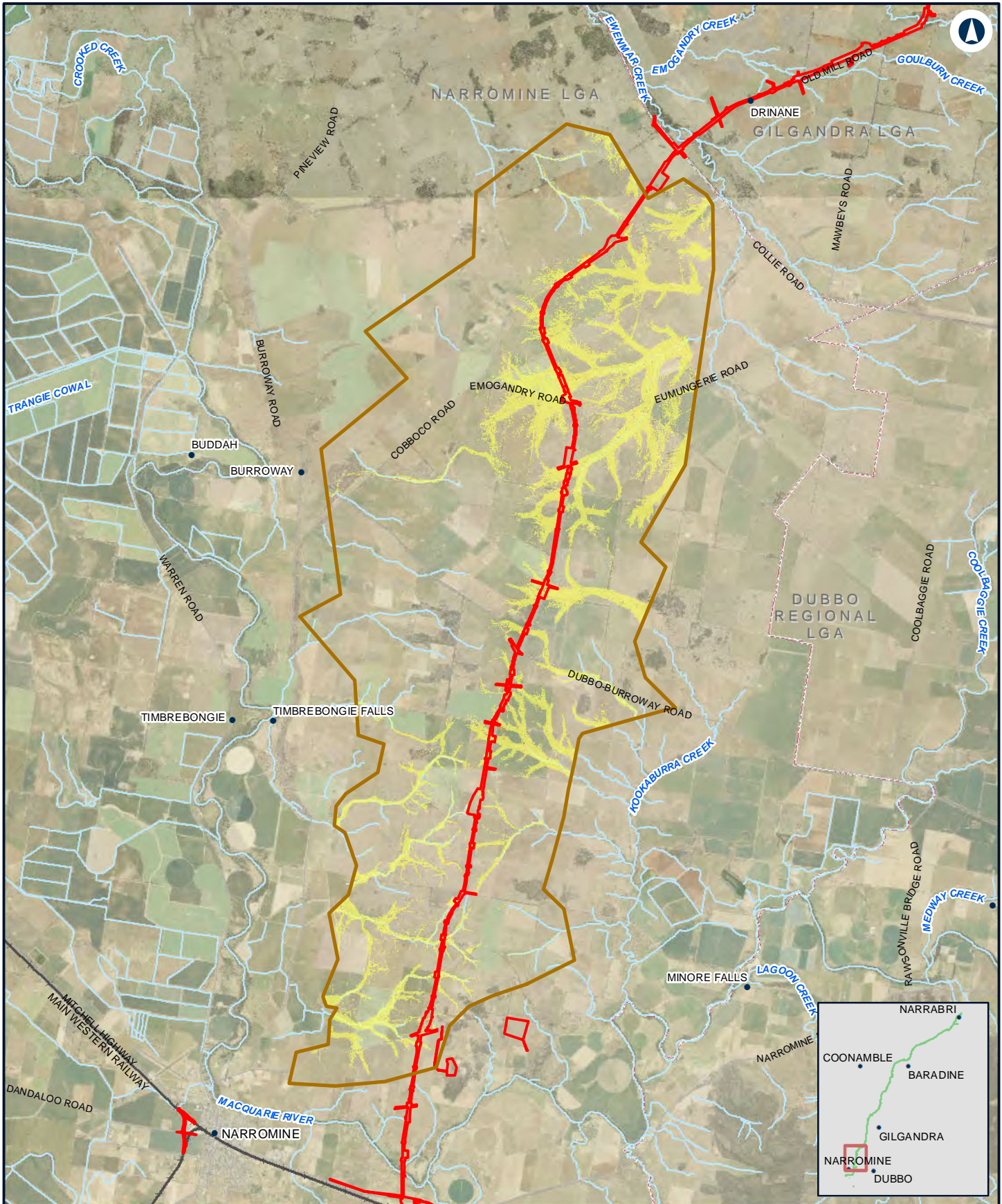
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N14

Appendix G - Figure 4.5b

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

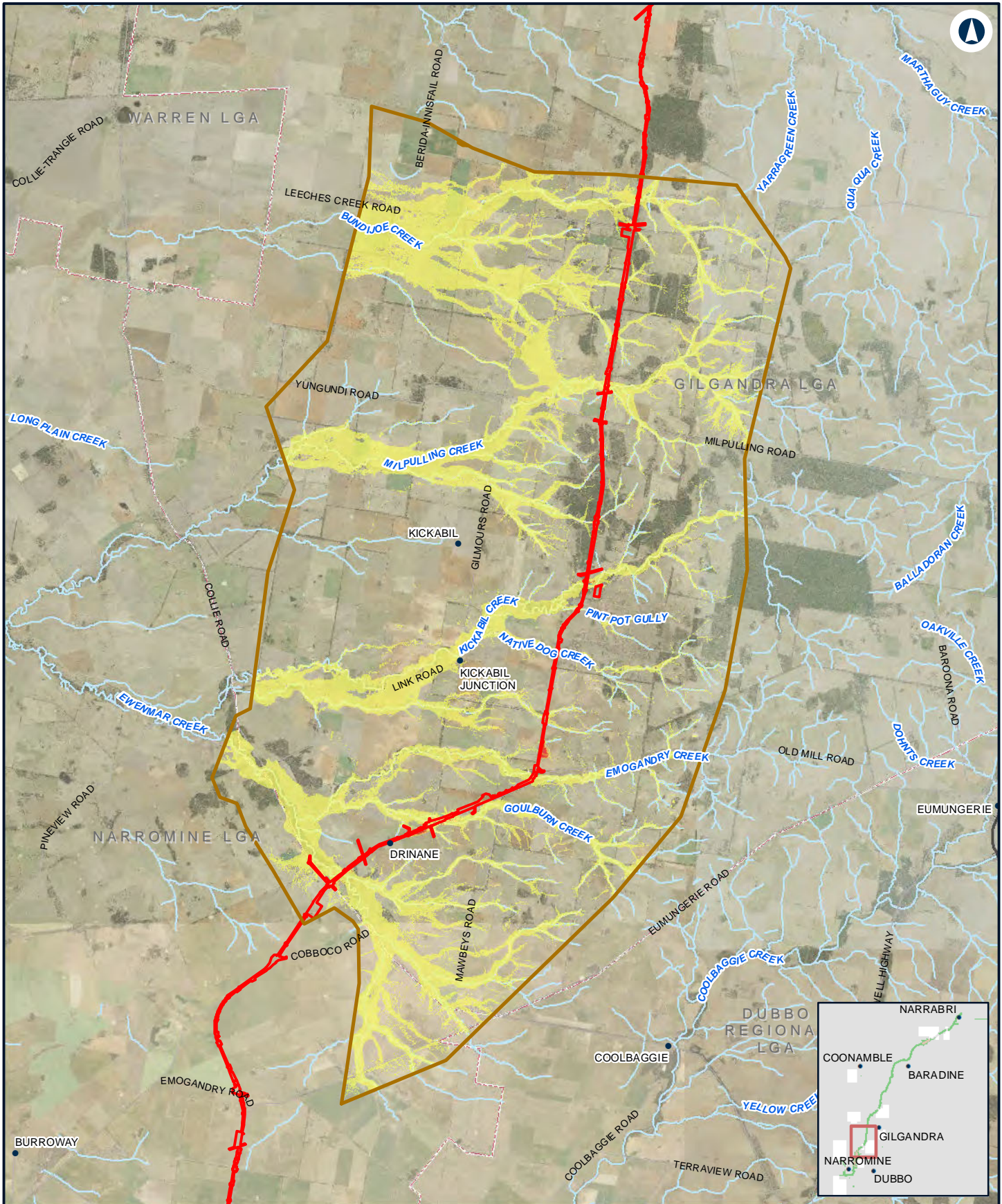
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



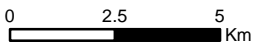
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N13

Appendix G - Figure 4.5c



LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

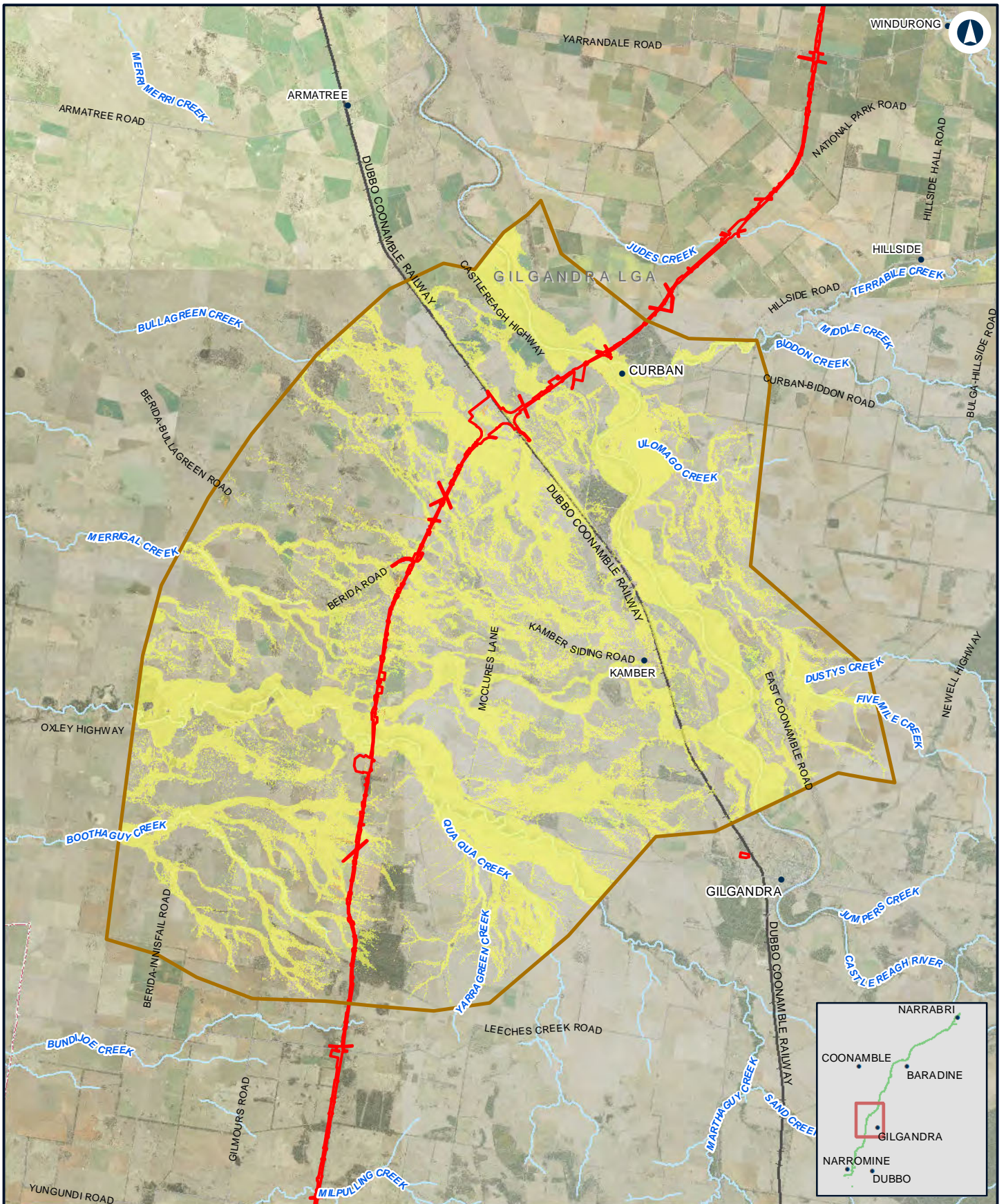
Coordinate System: GDA 1994 MGA Zone 55
 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



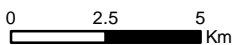
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NARRIMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N11N12

Appendix G - Figure 4.5d



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

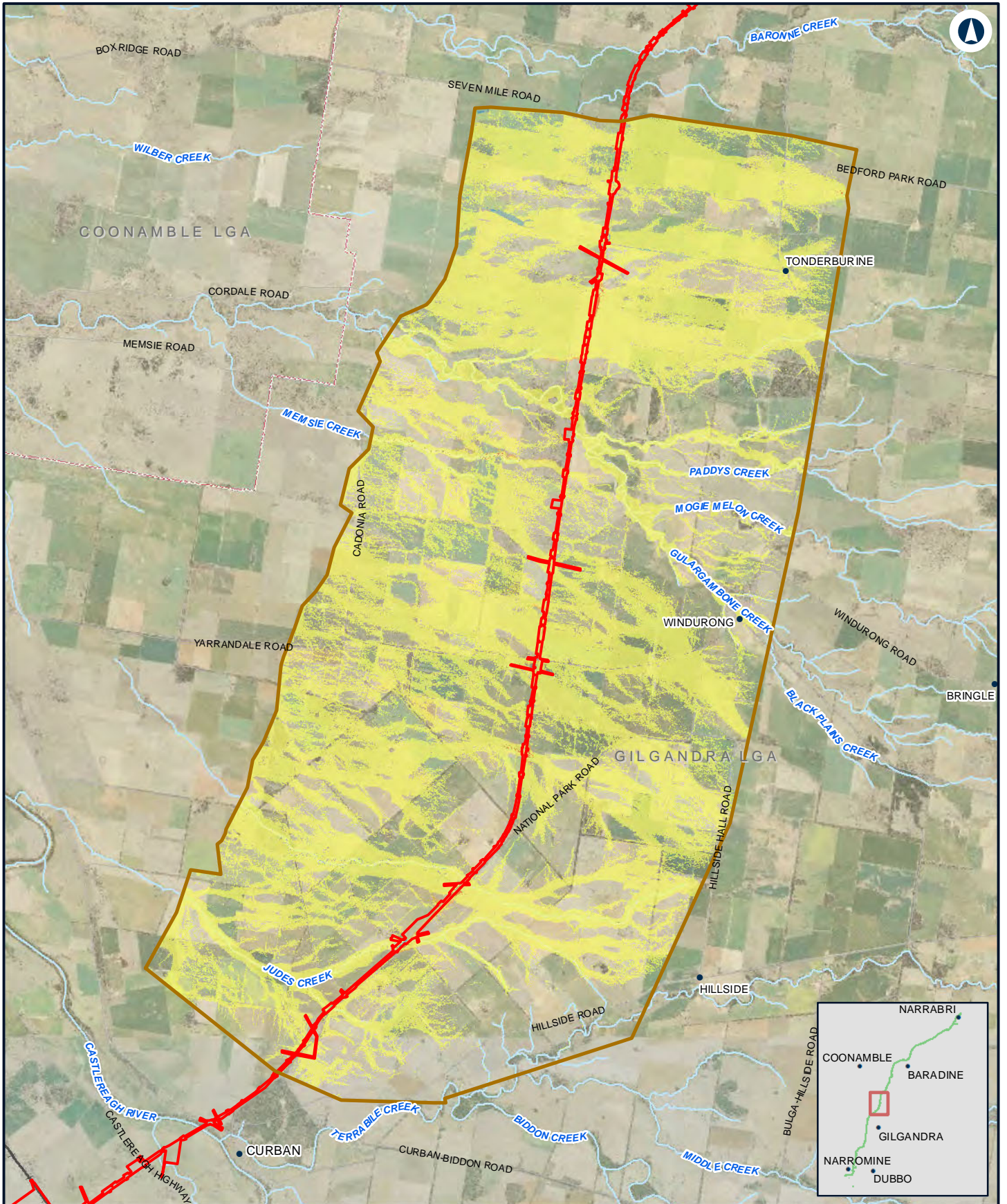
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was low, now dry
- Was high, now low
- Was high, now dry
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



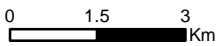
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N10

Appendix G - Figure 4.5e



LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

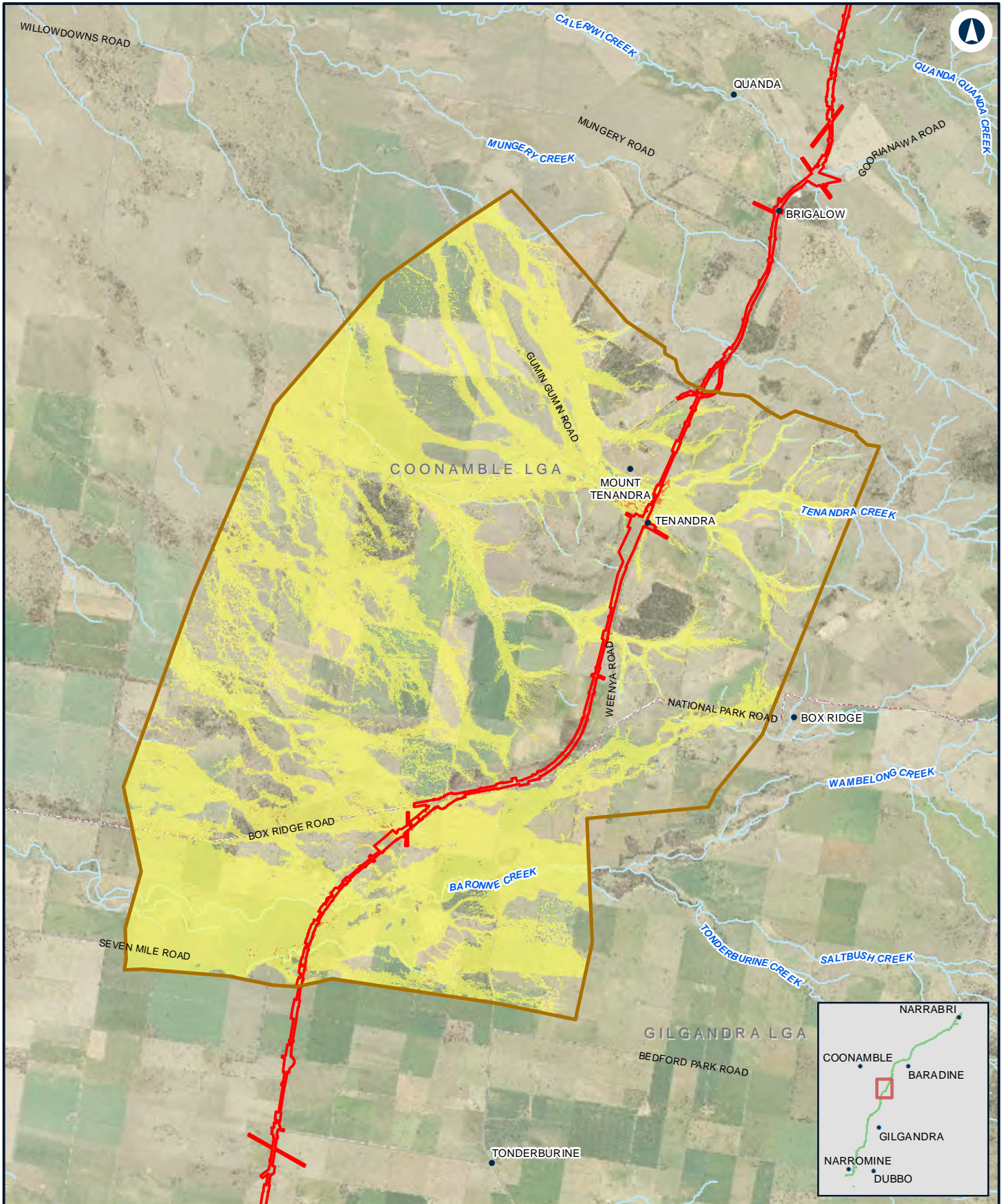
Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:130,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



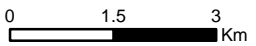
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N9

Appendix G - Figure 4.5f



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

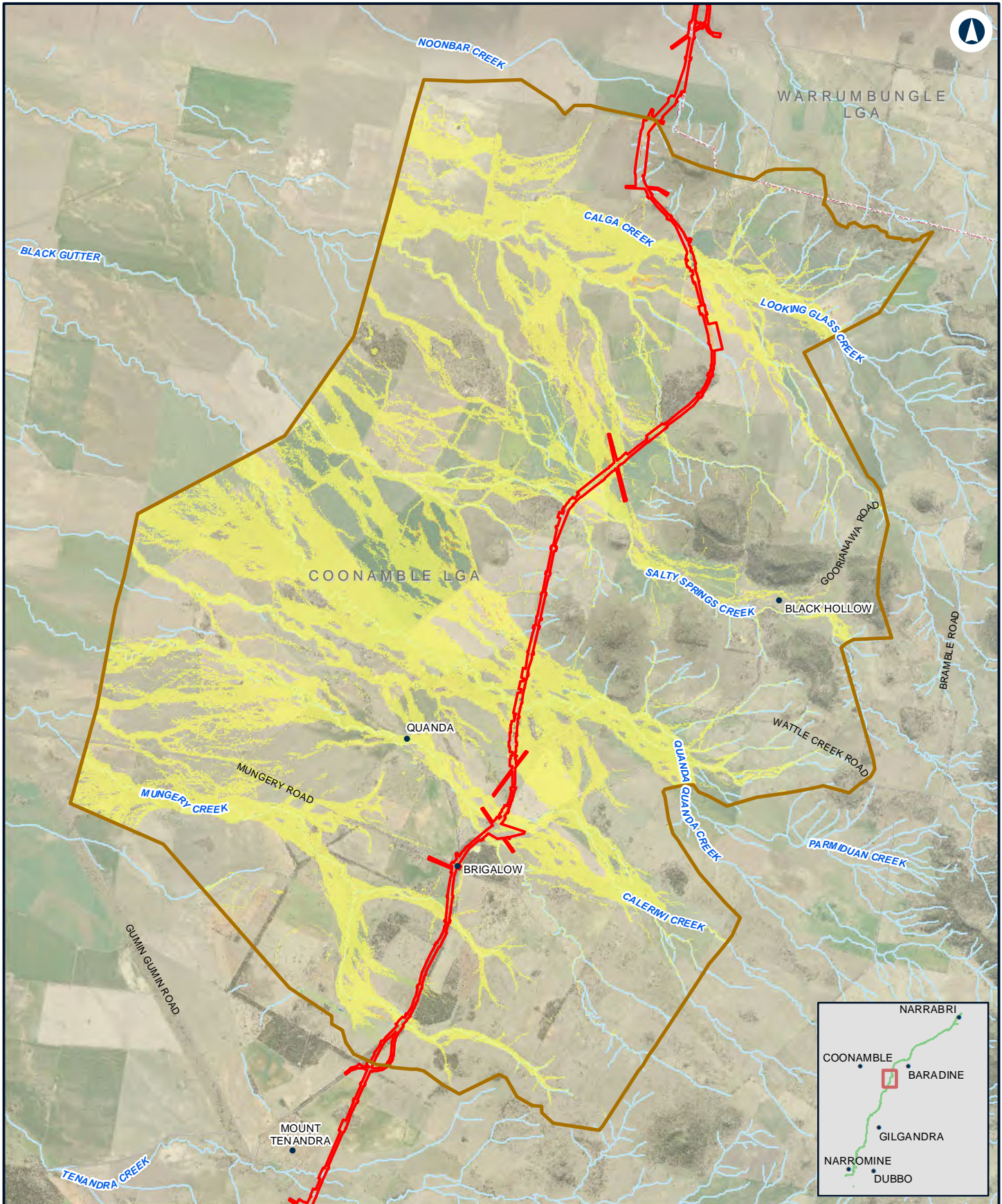
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



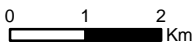
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N8

Appendix G - Figure 4.5g



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

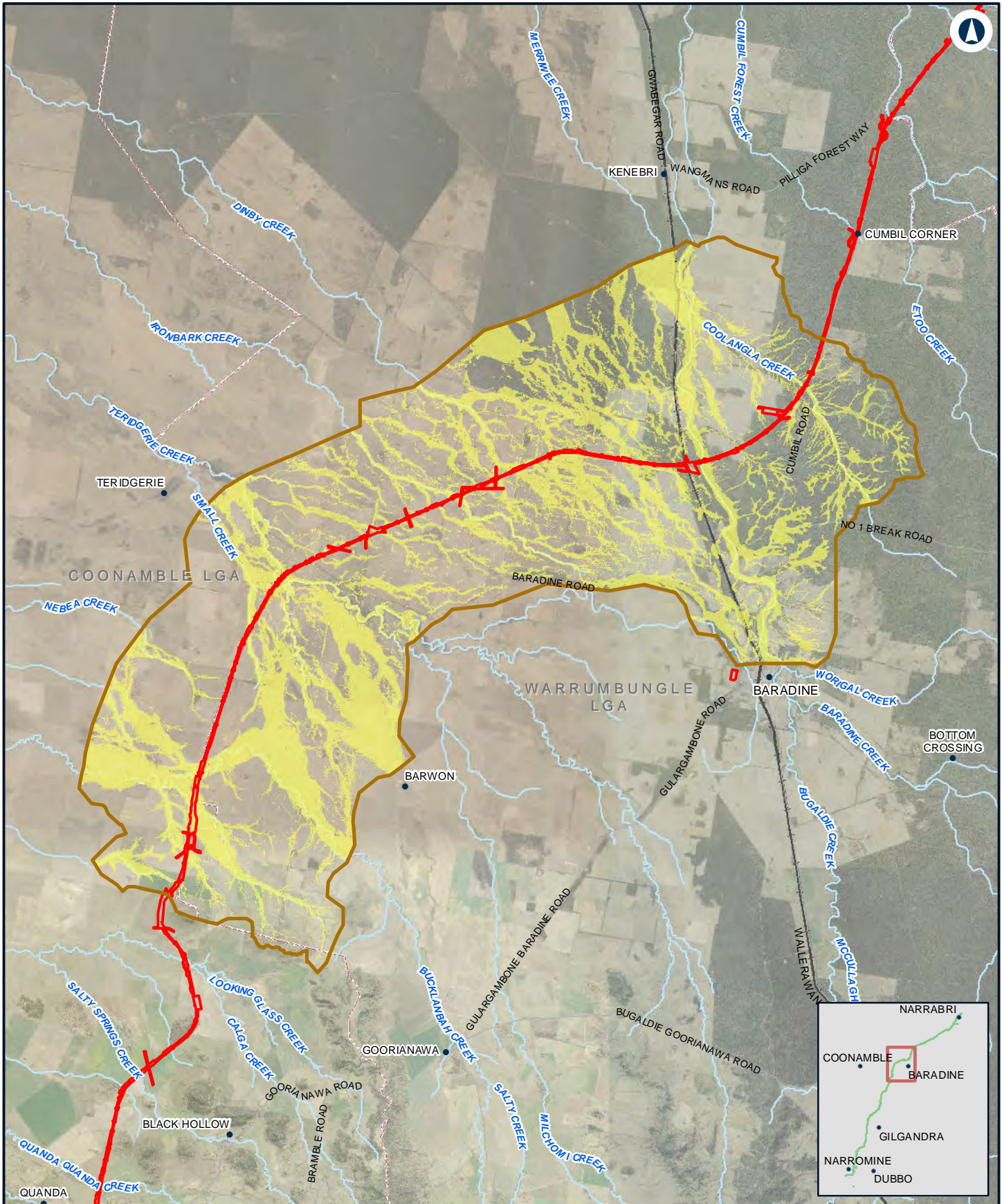
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



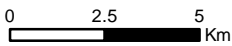
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N7

Appendix G - Figure 4.5h



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

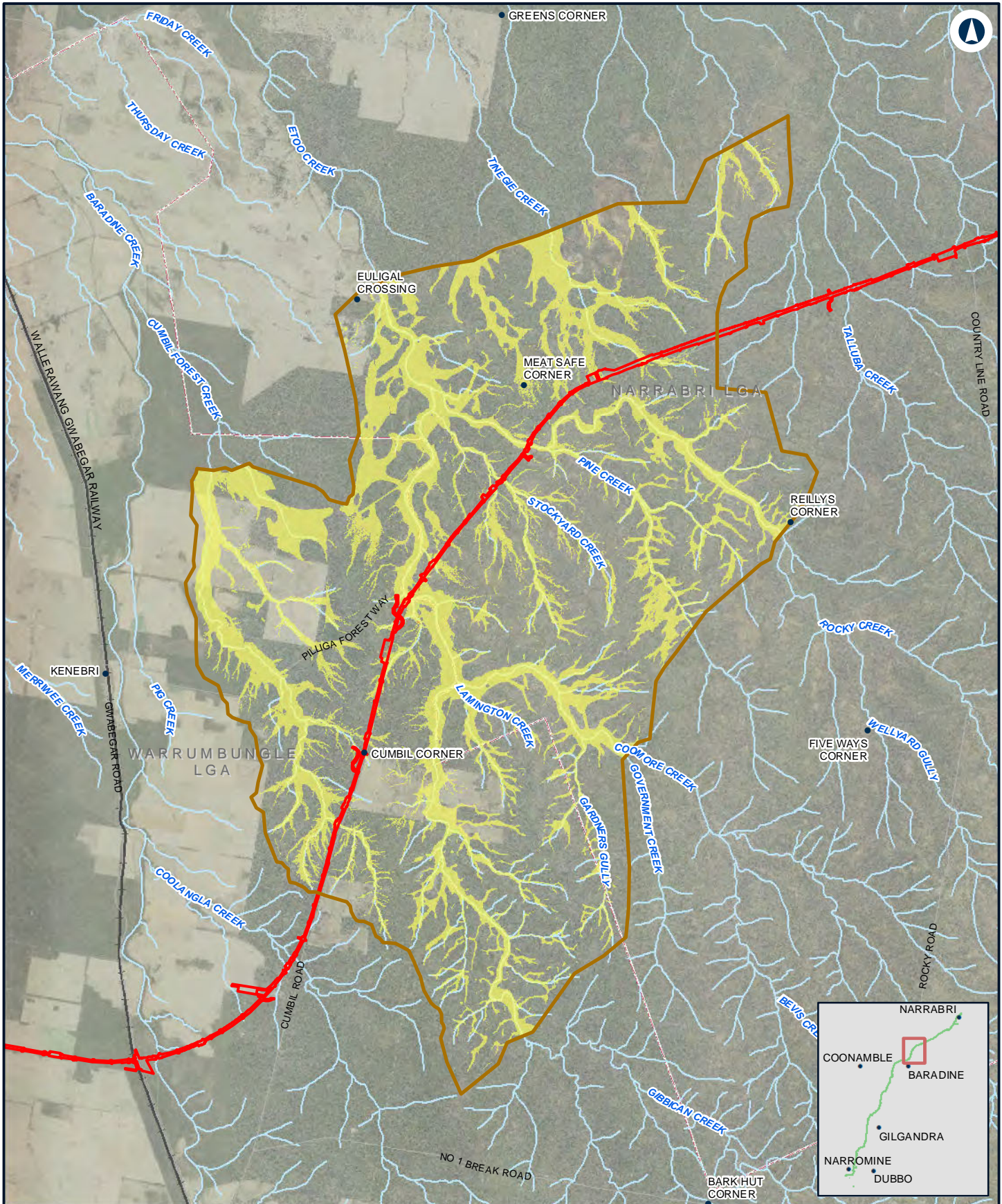
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N6

Appendix G - Figure 4.5i

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

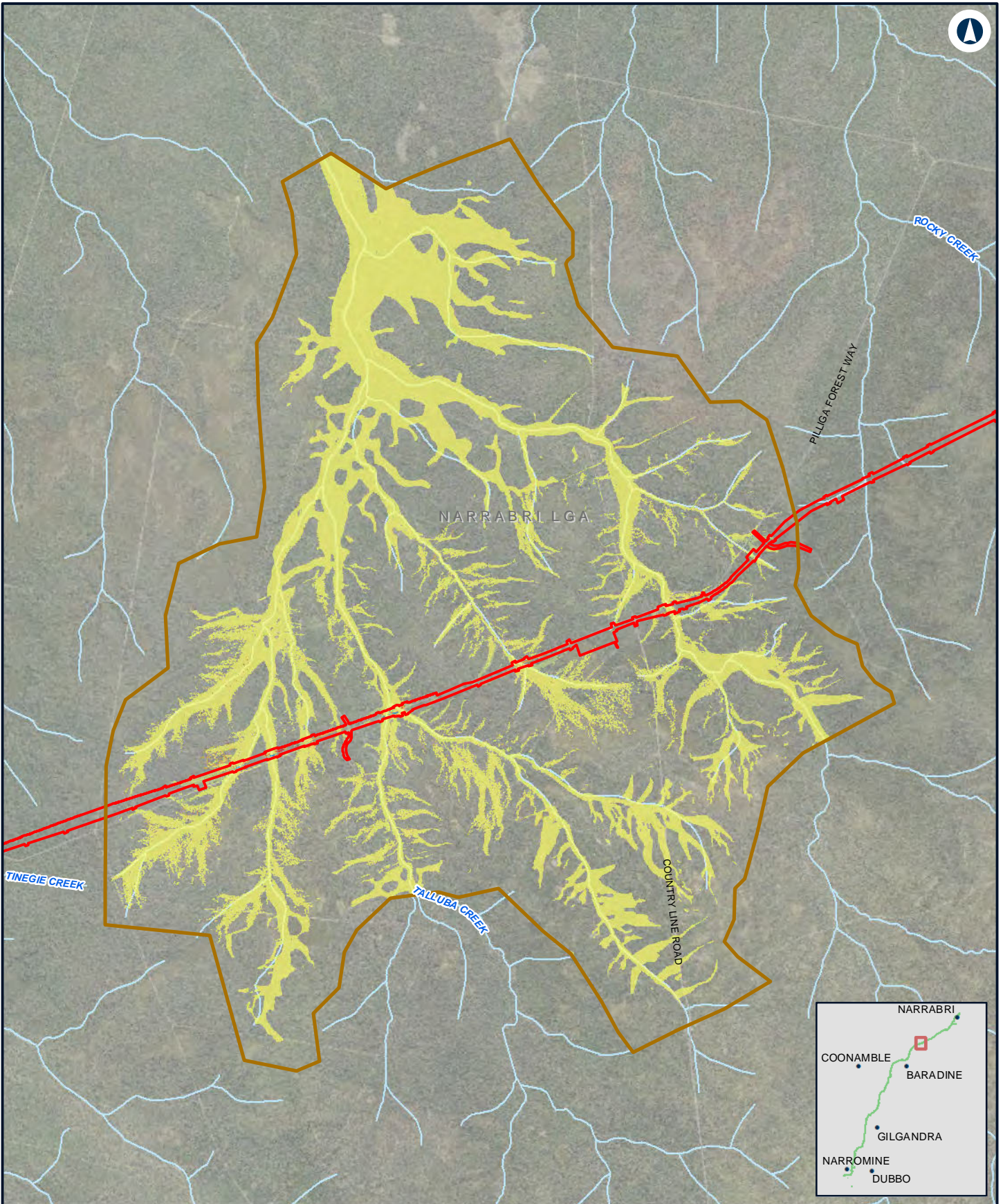
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



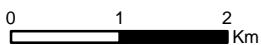
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N5

Appendix G - Figure 4.5j



Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

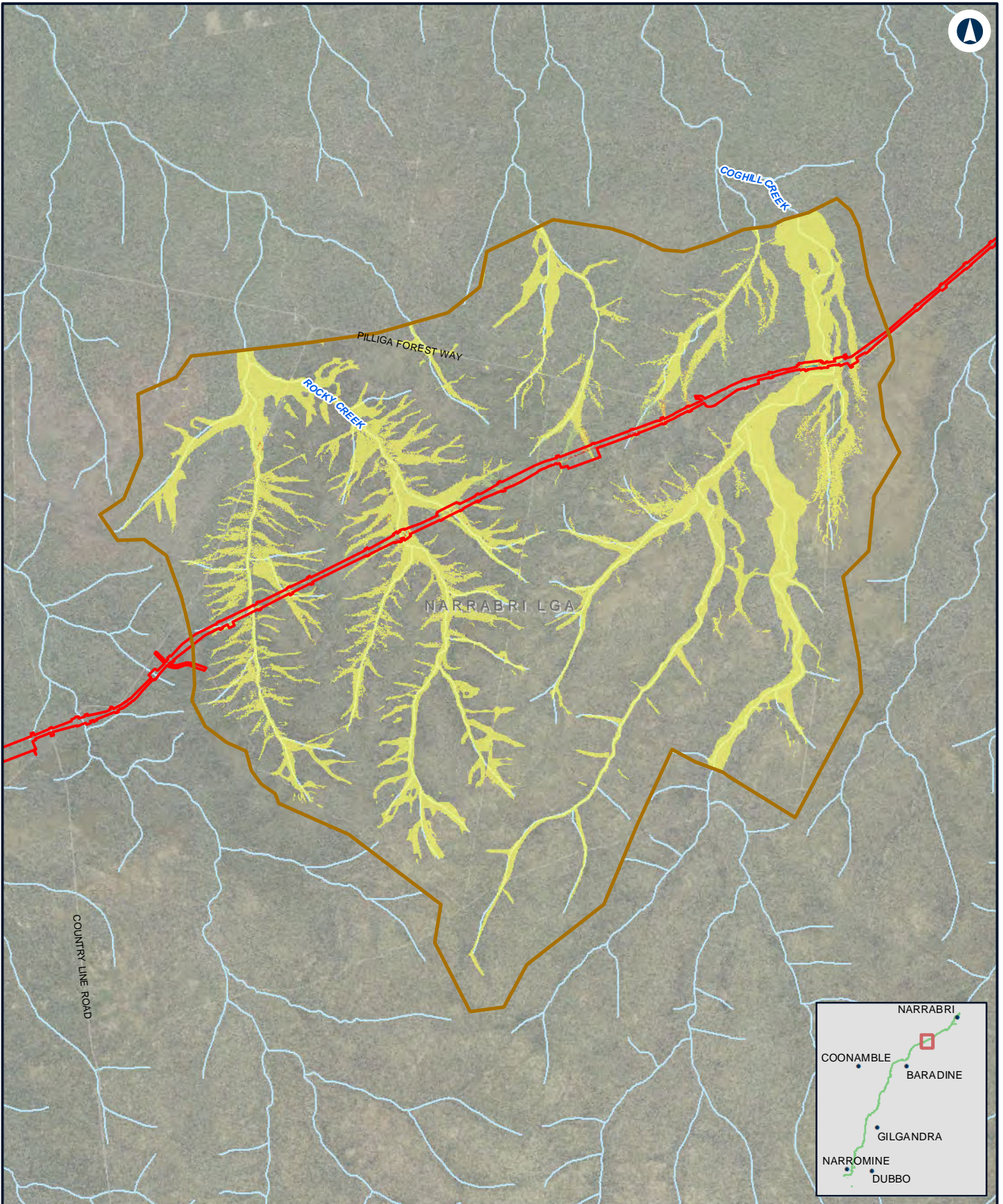
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



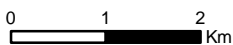
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N4

Appendix G - Figure 4.5k



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

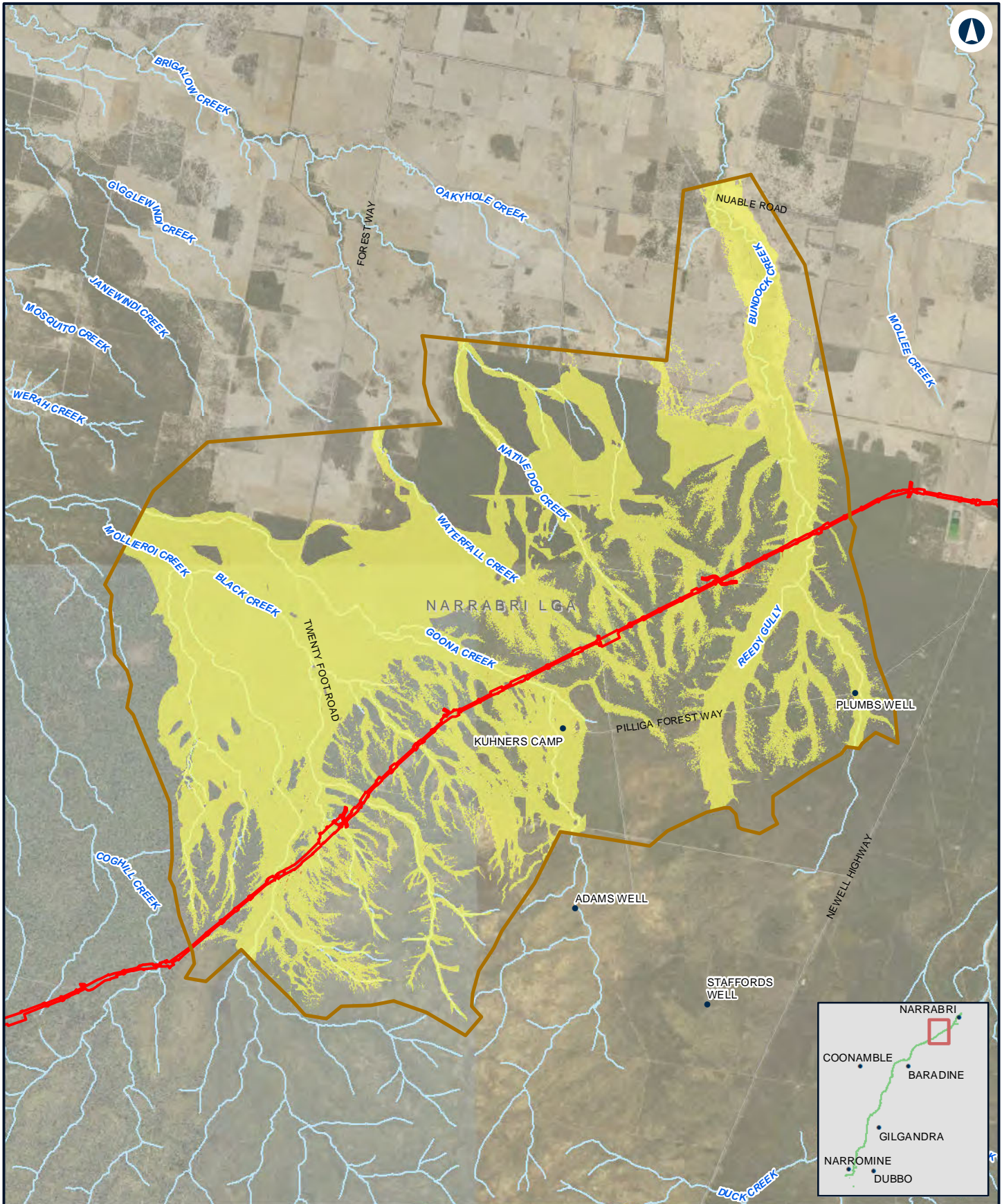
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



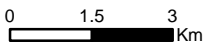
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N23

Appendix G - Figure 4.51



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

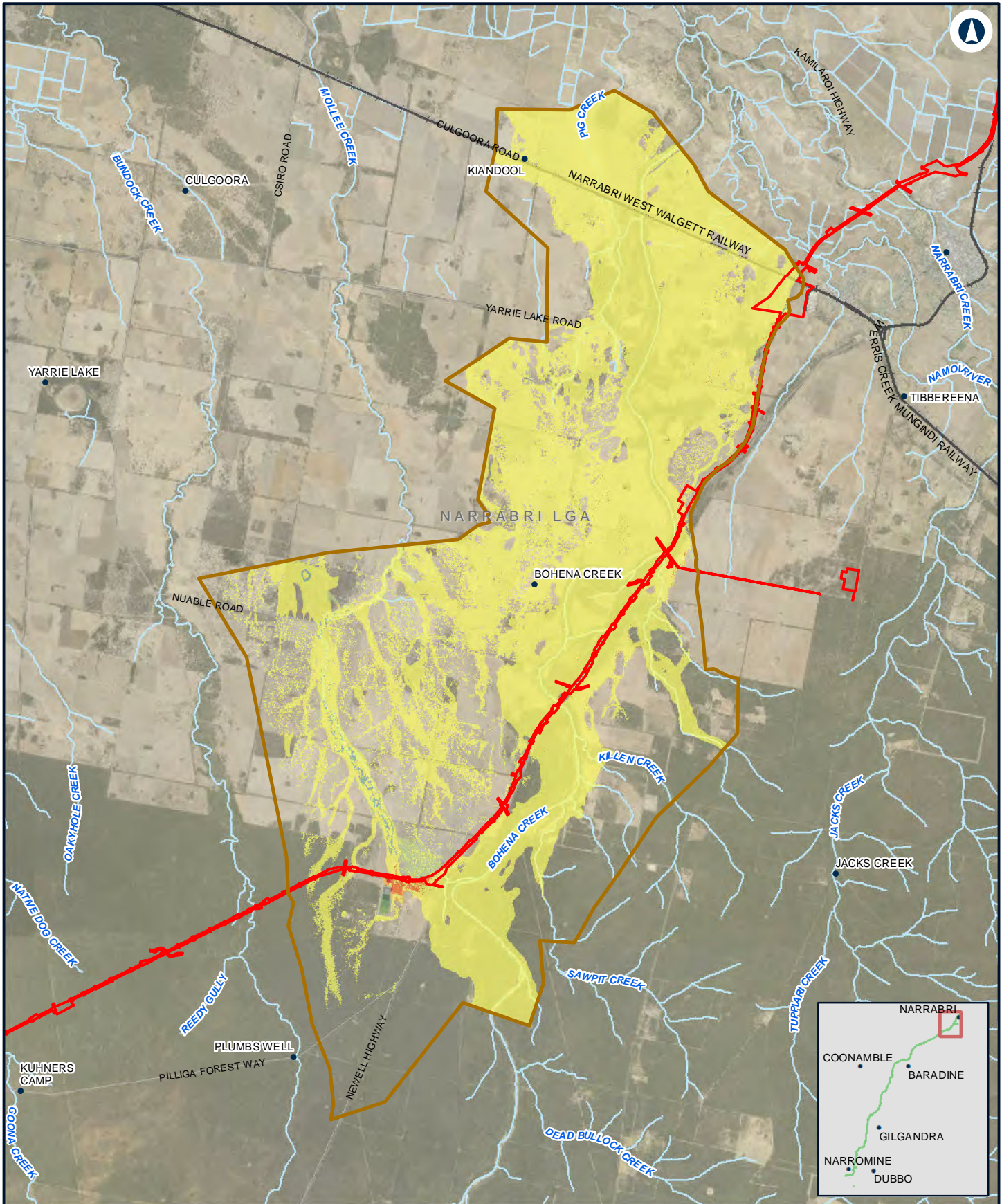
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - N2N1

Appendix G - Figure 4.5m

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

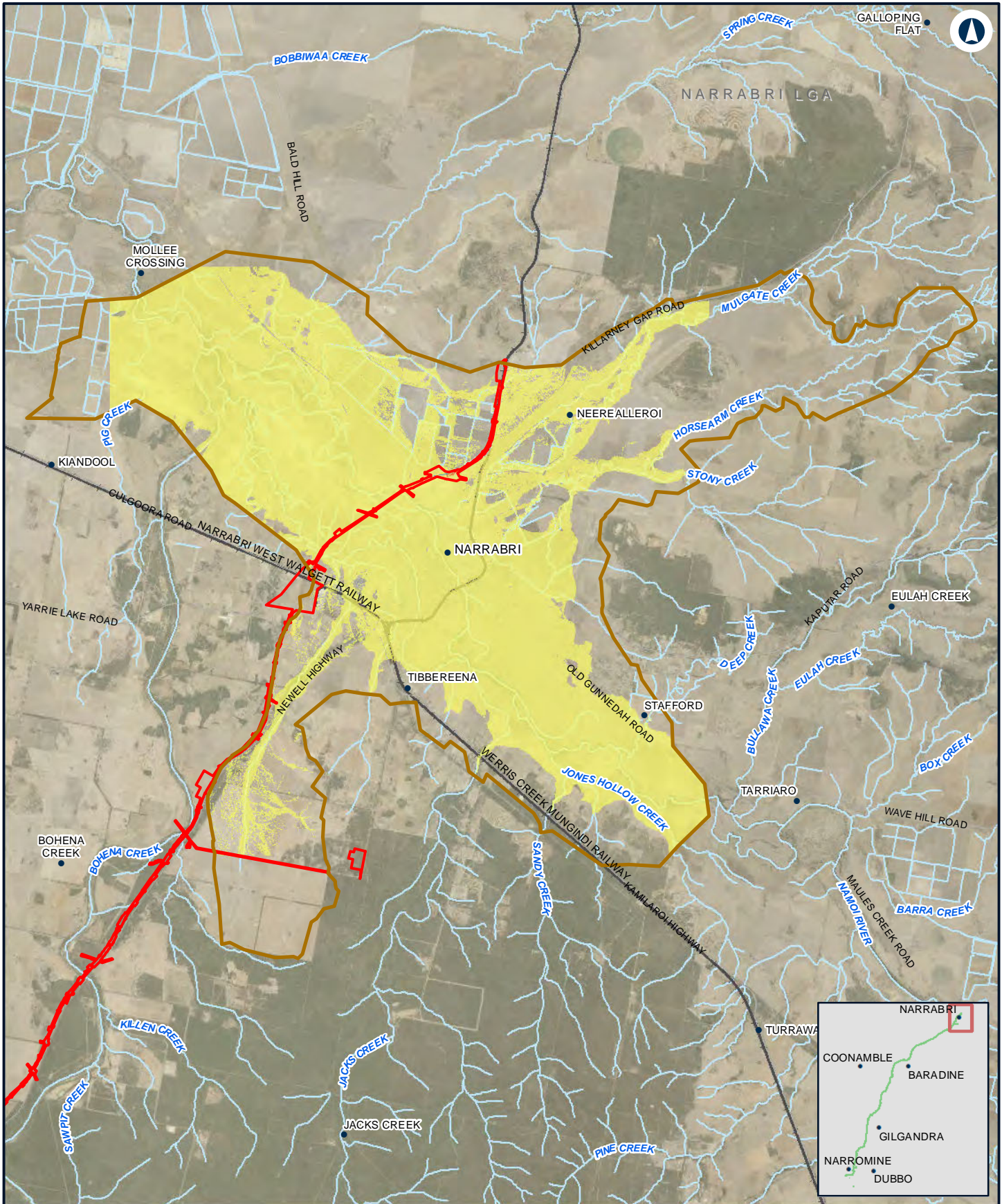
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.

INLAND RAIL **ARTC**

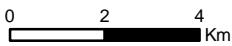
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP with climate change - Narrabri

Appendix G - Figure 4.5n



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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

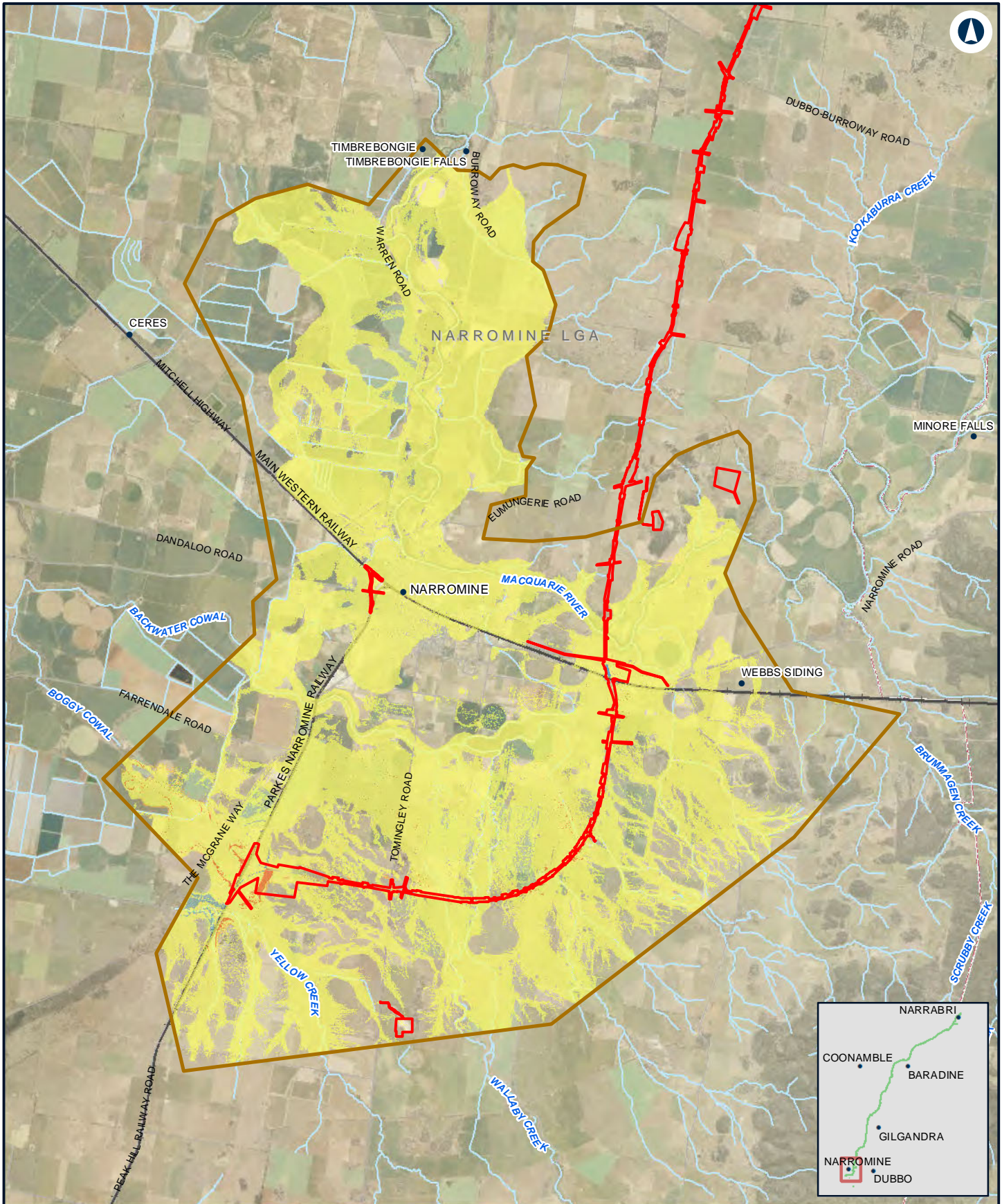
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



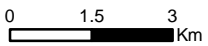
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - NFM

Appendix G - Figure 4.6a



Coordinate System: GDA 1994 MGA Zone 55
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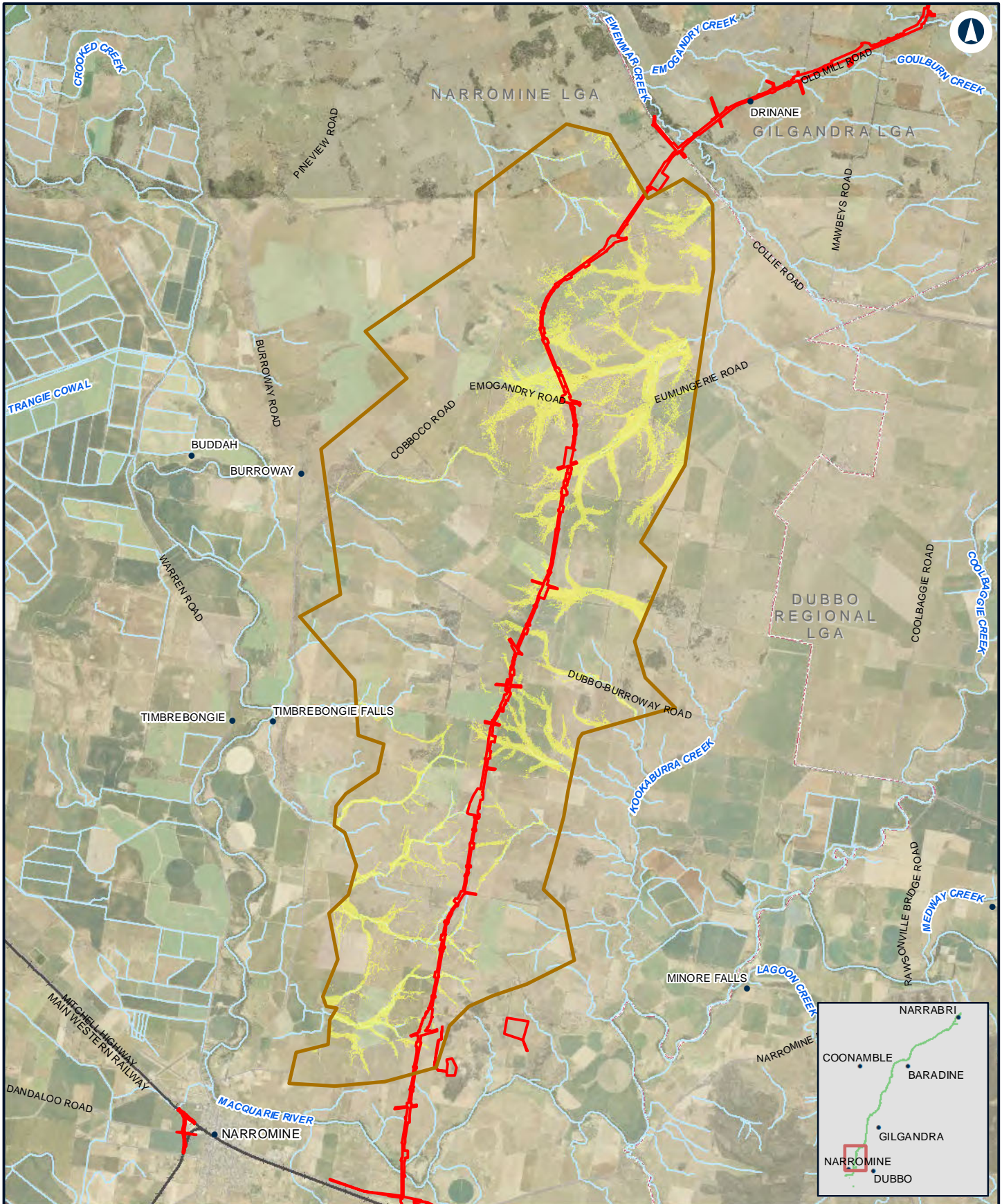
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was low, now dry
- Was high, now low
- Was high, now dry
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged



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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N14

Appendix G - Figure 4.6b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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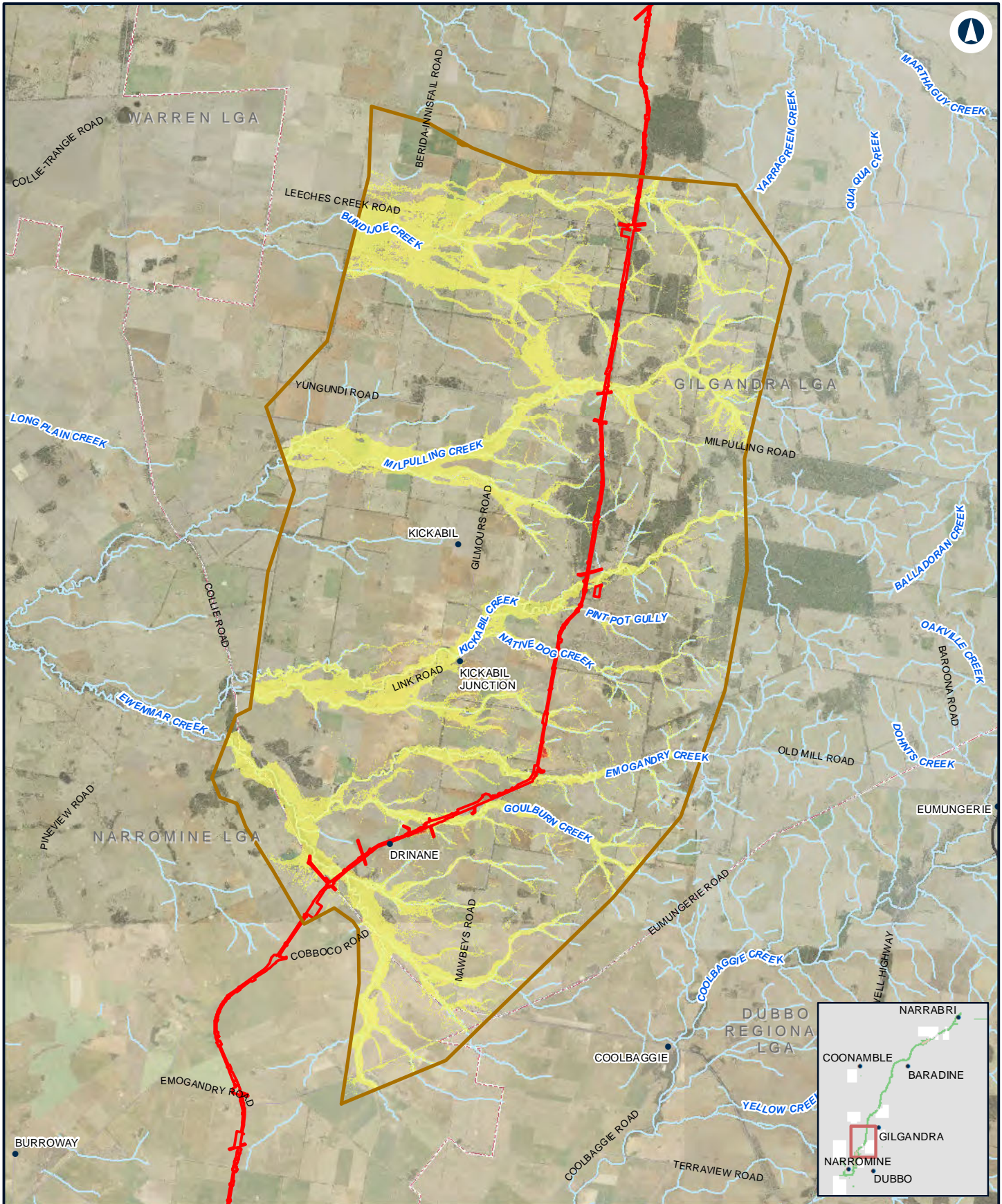
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



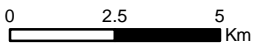
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N13

Appendix G - Figure 4.6c



LEGEND

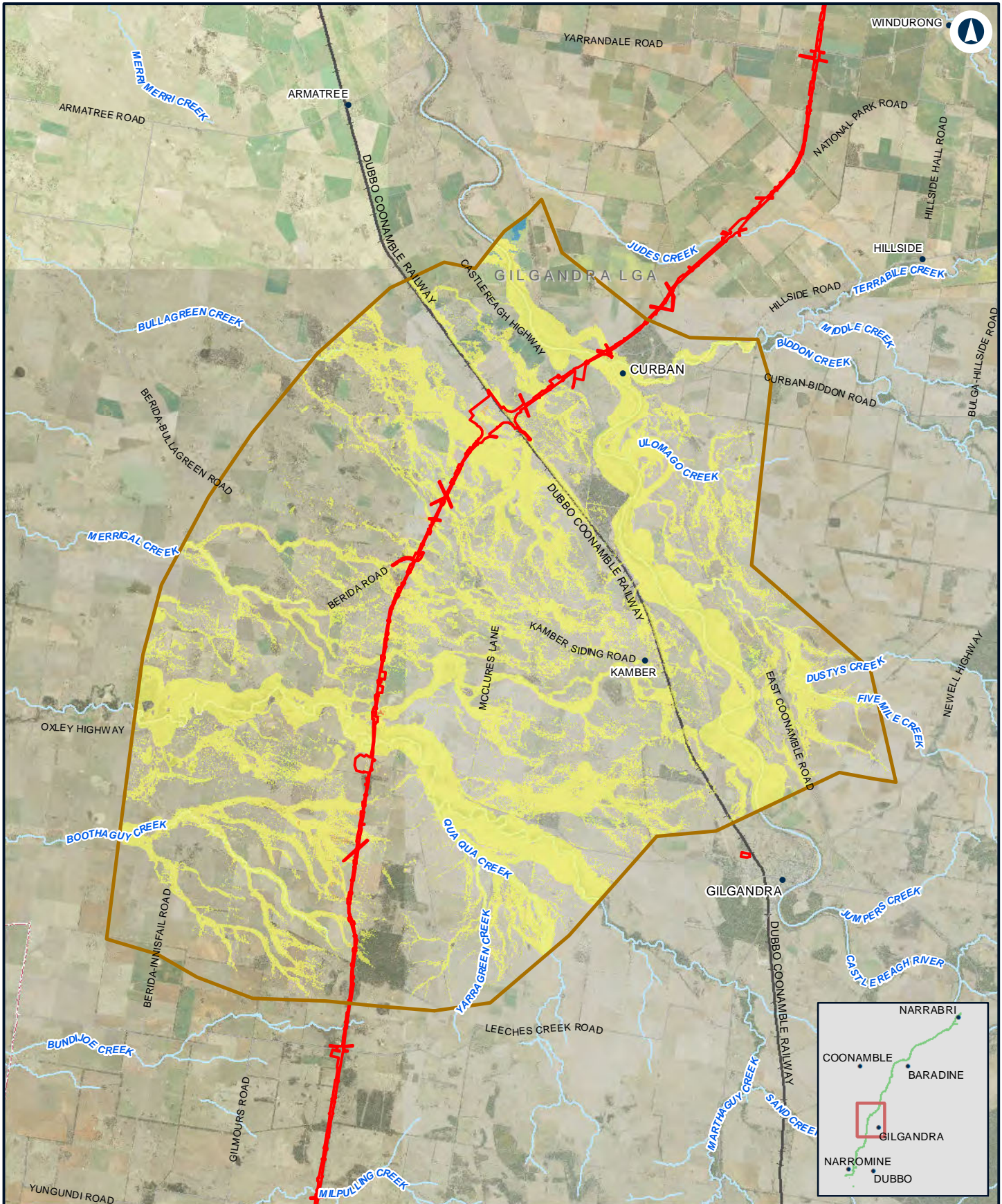
- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



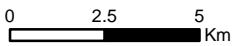
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N11N12

Appendix G - Figure 4.6d



LEGEND

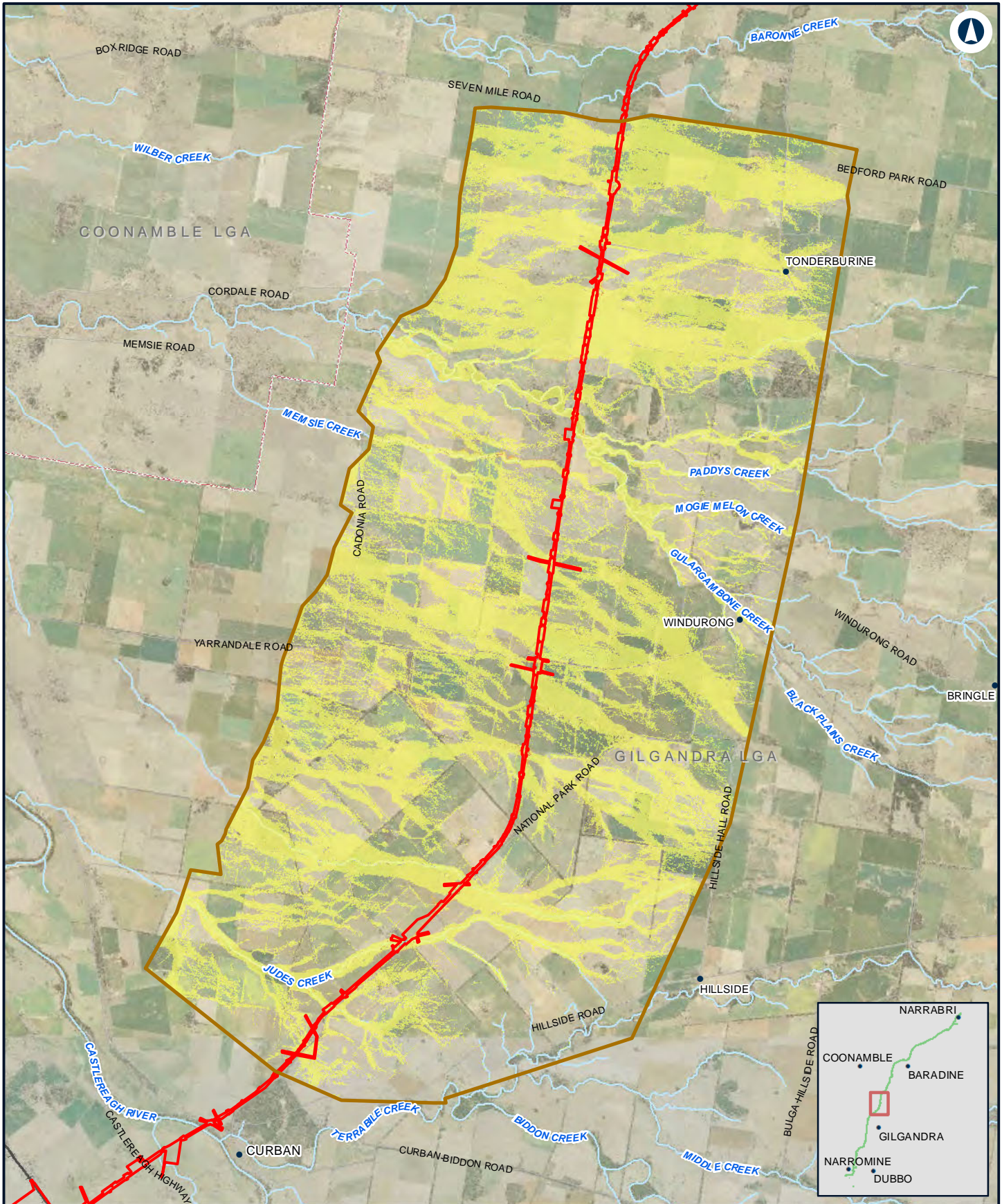
- The proposal site
- Model boundary
- Hazard Change**
- Was low, now dry
- Was high, now dry
- Was low, now high
- Was dry, now low
- Unchanged

Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:200,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



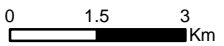
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N10

Appendix G - Figure 4.6e



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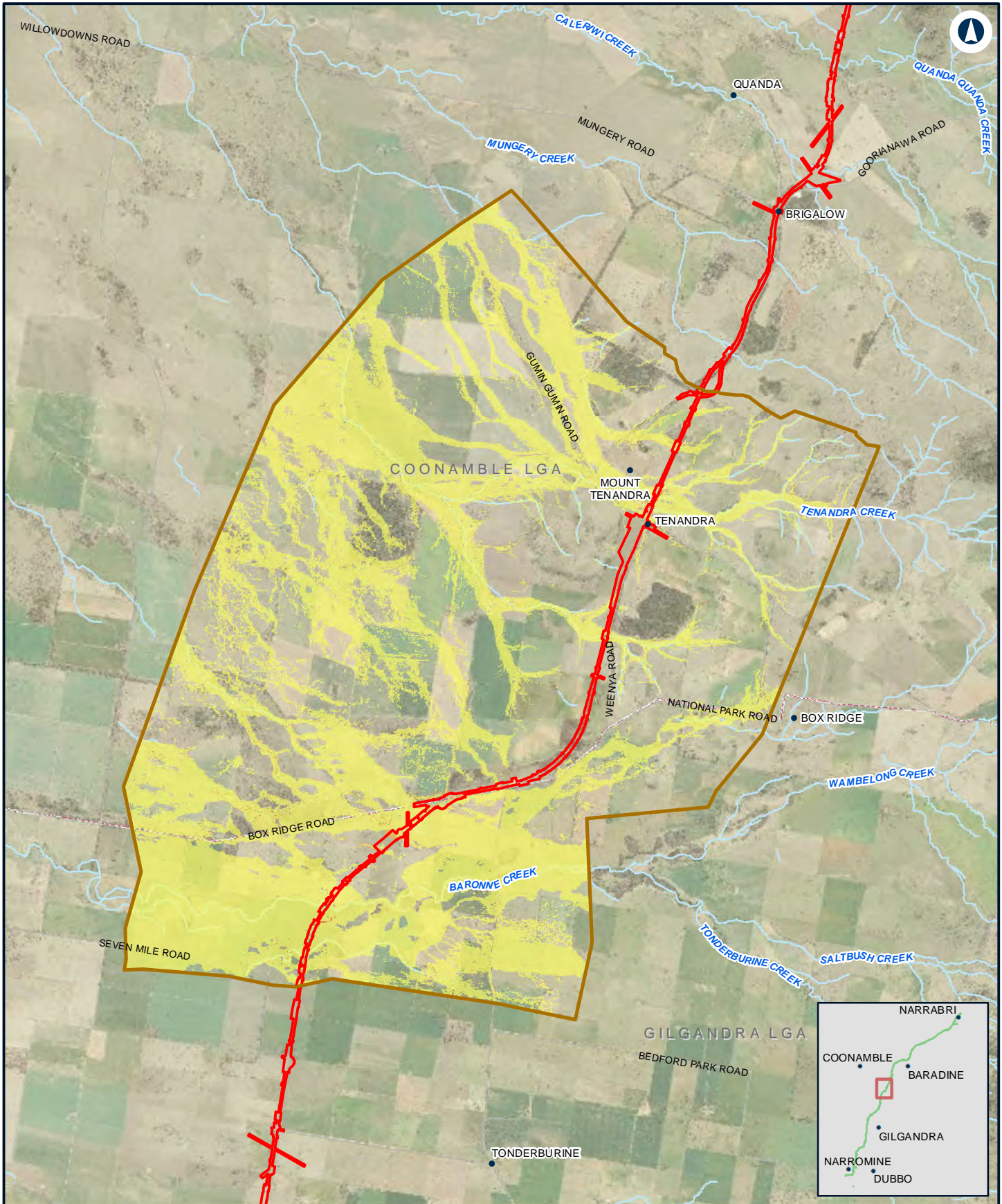
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:130,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



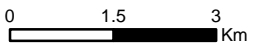
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N9

Appendix G - Figure 4.6f



Coordinate System: GDA 1994 MGA Zone 55
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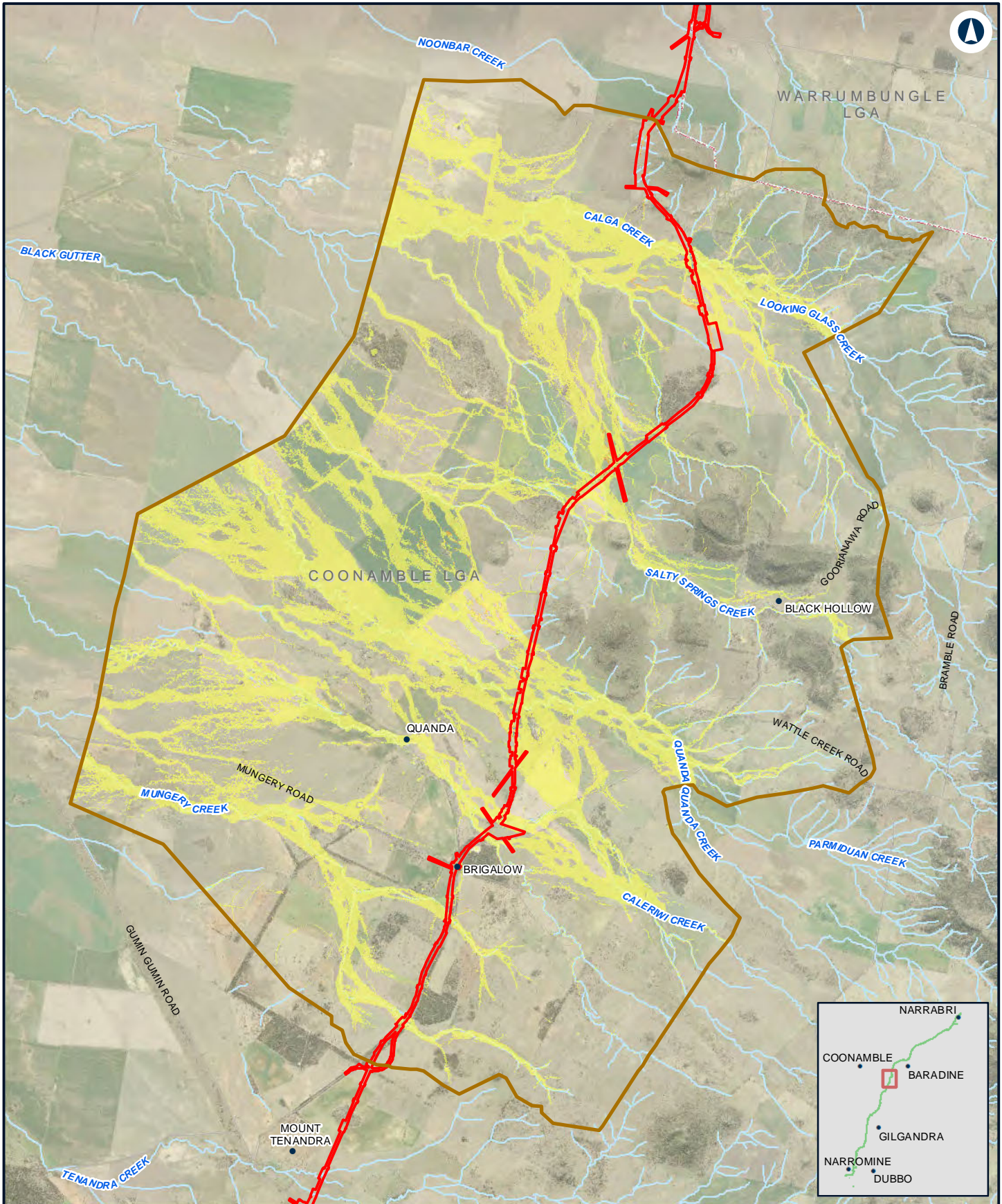
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:110,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was low, now dry
- Was high, now dry
- Was low, now high
- Was dry, now low
- Unchanged



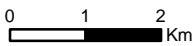
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N8

Appendix G - Figure 4.6g



Coordinate System: GDA 1994 MGA Zone 55
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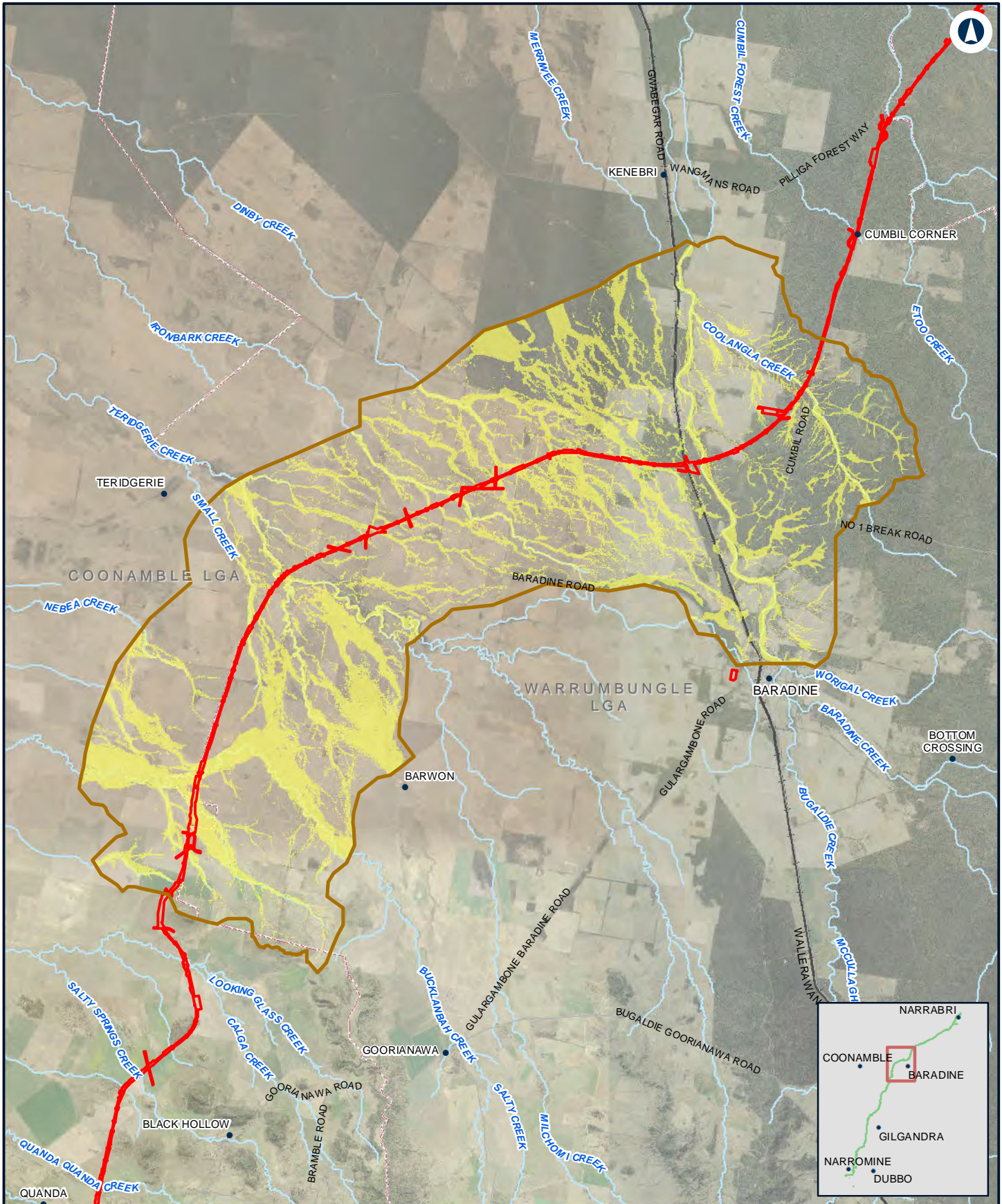
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:100,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



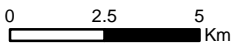
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N7

Appendix G - Figure 4.6h



Coordinate System: GDA 1994 MGA Zone 55
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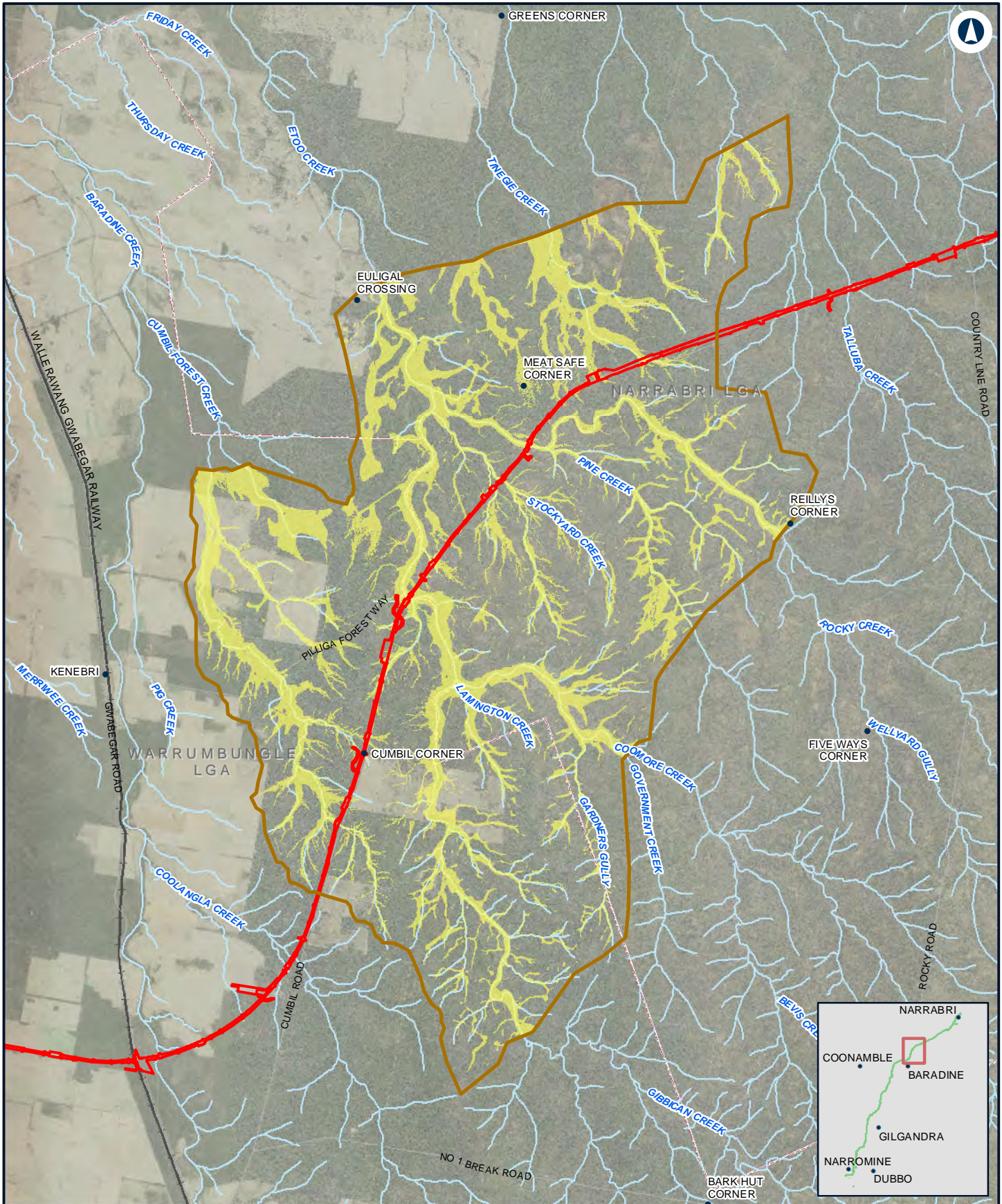
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:200,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



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NARROMINE TO NARRABRI Change in flood hazard - 1% AEP - N2N6 Appendix G - Figure 4.6i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

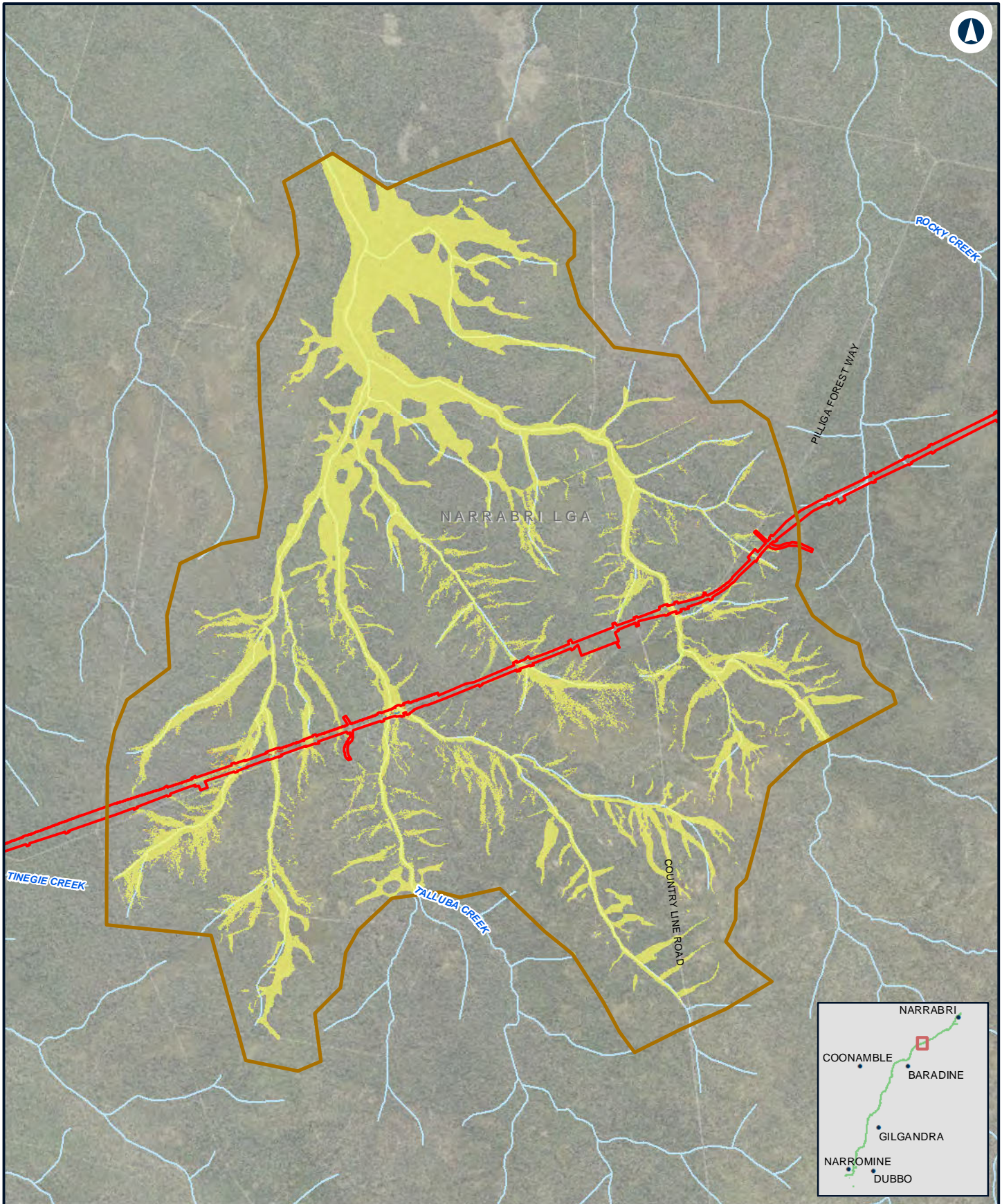
ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

- LEGEND**
- The proposal site
 - Model boundary
 - Hazard Change**
 - Was dry, now high
 - Was low, now high
 - Was dry, now low
 - Unchanged
 - Was low, now dry
 - Was high, now low
 - Was high, now dry

INLAND RAIL **ARTC**

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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N5

Appendix G - Figure 4.6j



Coordinate System: GDA 1994 MGA Zone 55

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ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

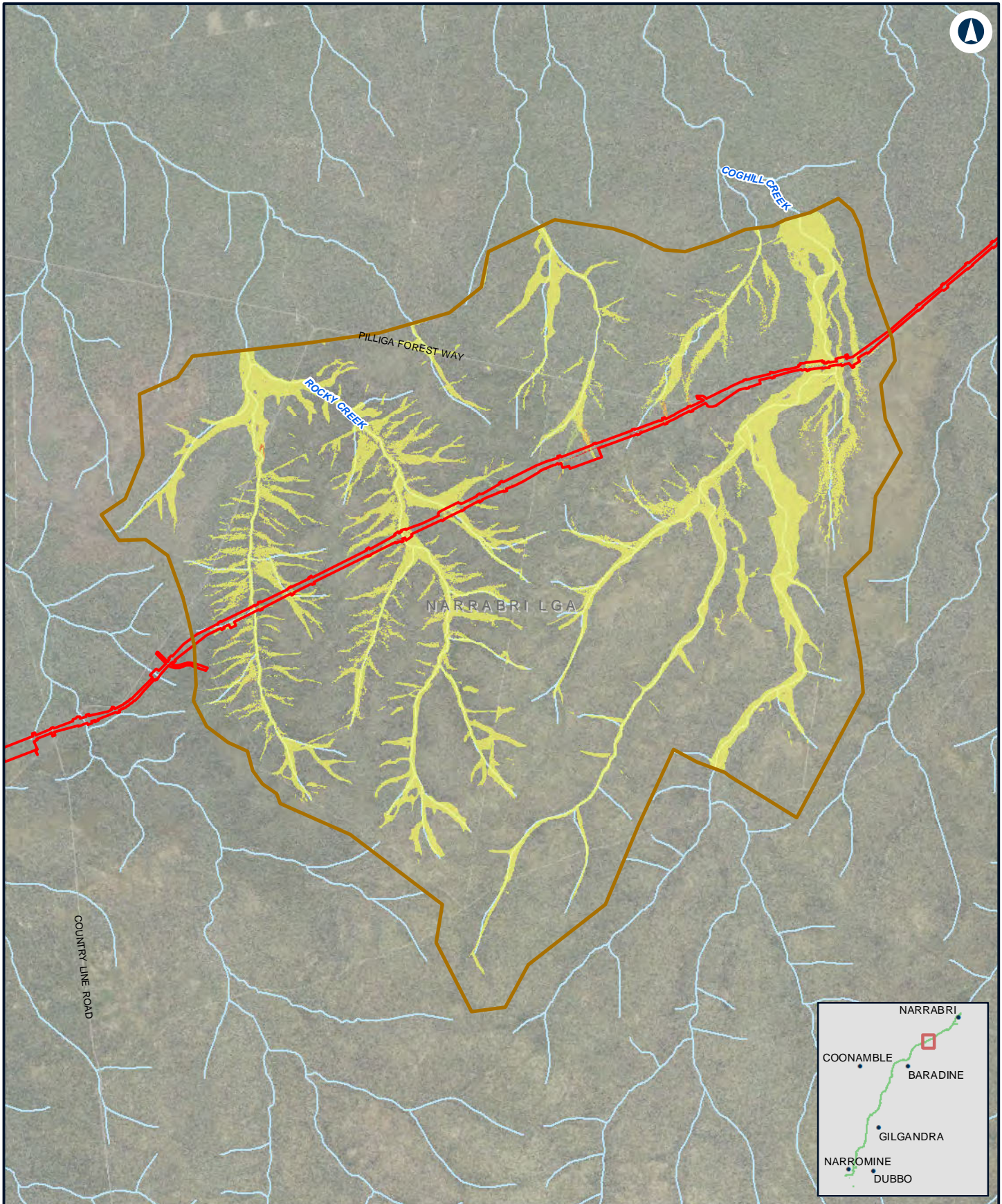
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



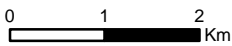
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N4

Appendix G - Figure 4.6k



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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:80,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

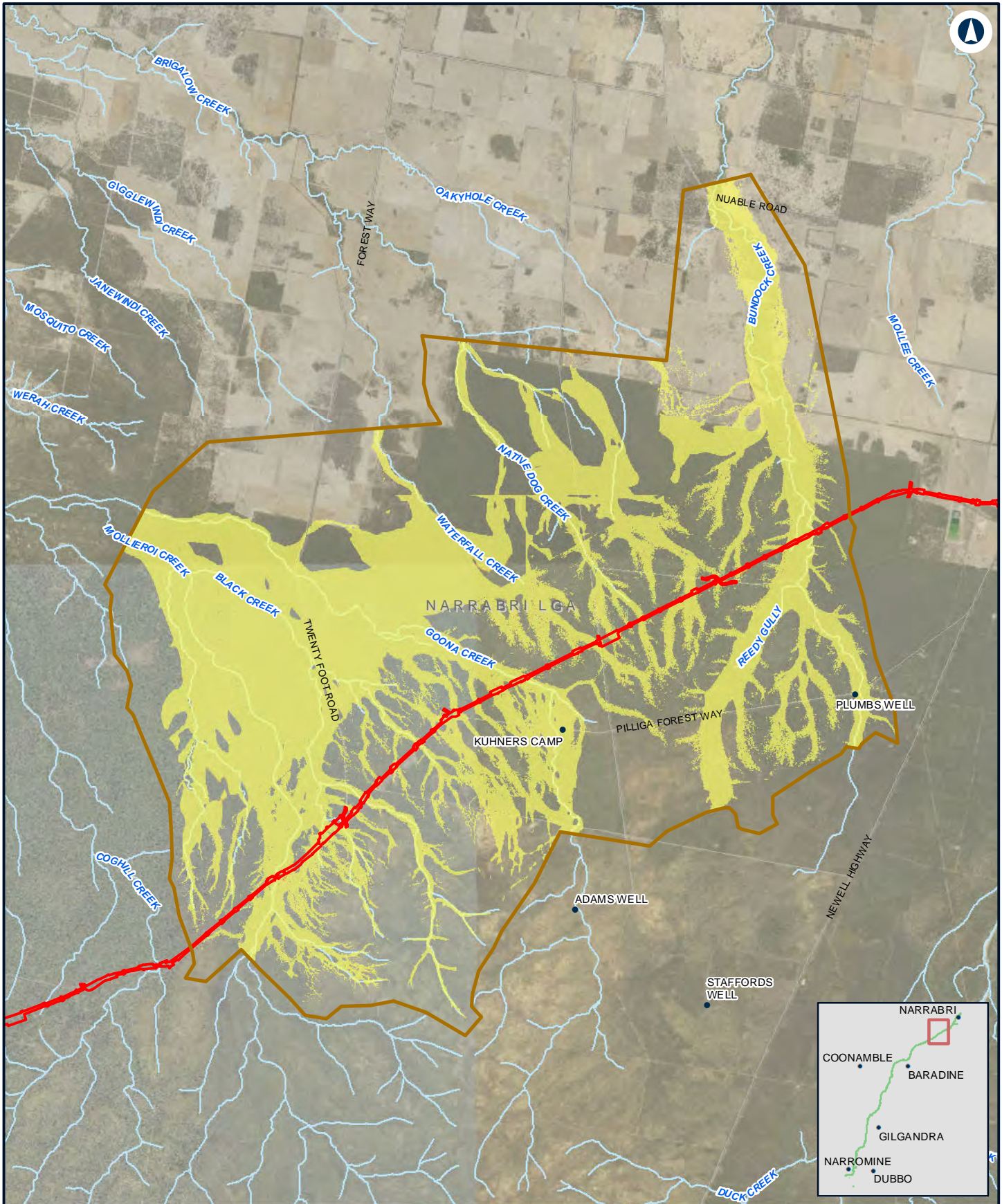
- The proposal site
- Model boundary
- Was low, now dry
- Was high, now low
- Was high, now dry

Hazard Change

- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged



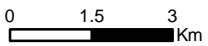
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N23

Appendix G - Figure 4.6I



Coordinate System: GDA 1994 MGA Zone 55
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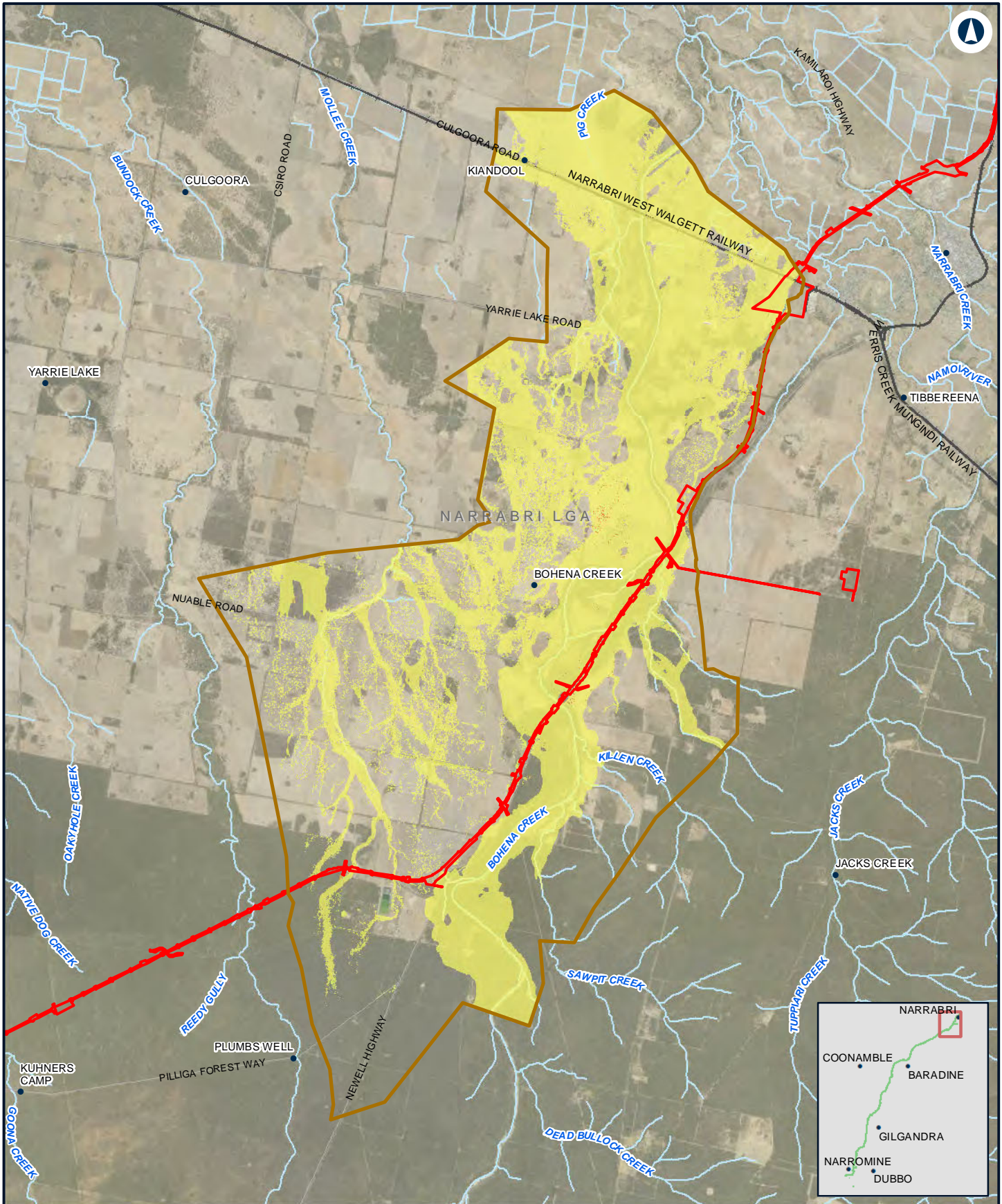
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry



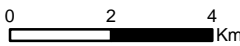
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - N2N1

Appendix G - Figure 4.6m



LEGEND

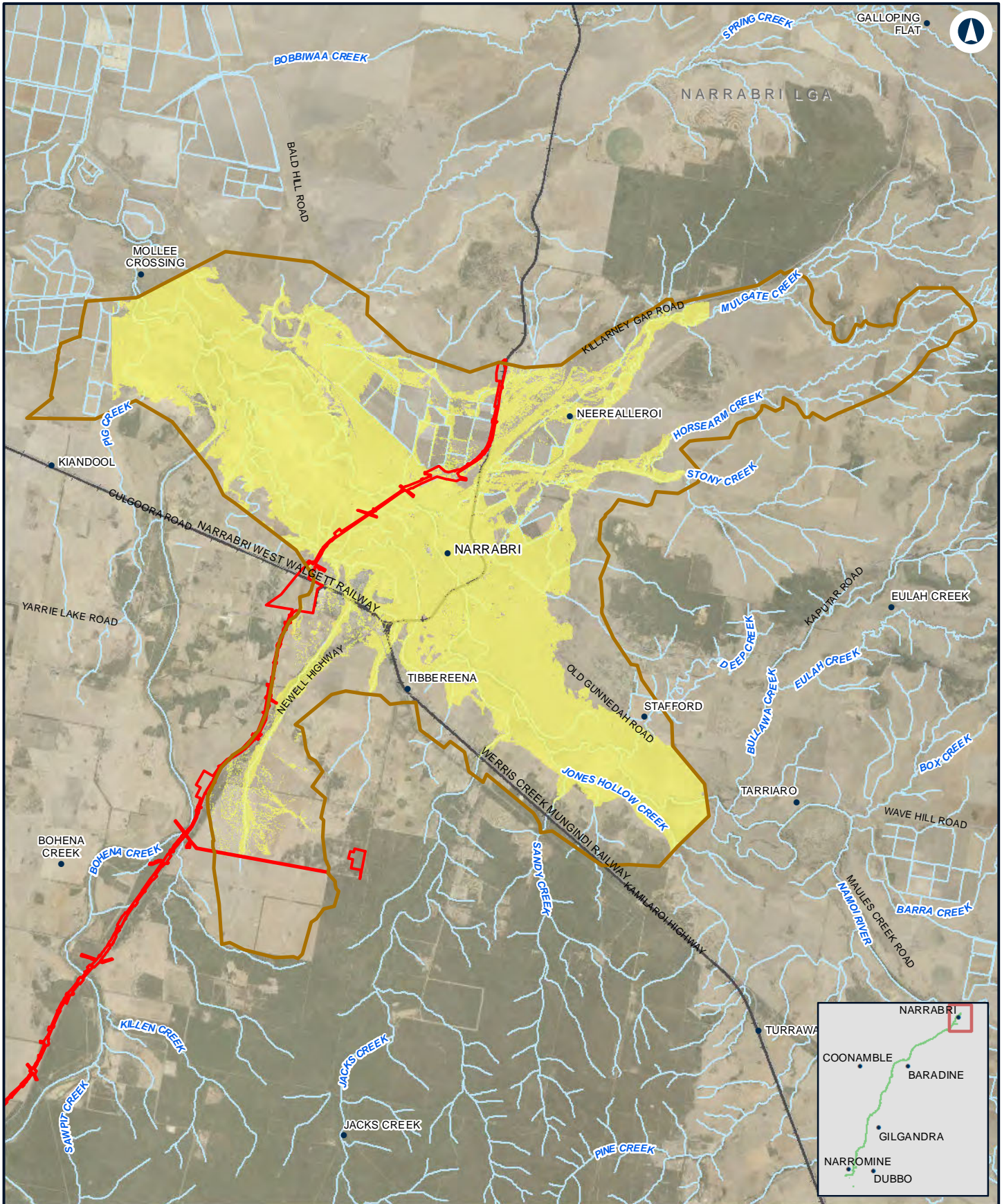
- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



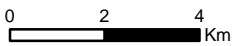
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NARROMINE TO NARRABRI

Change in flood hazard - 1% AEP - Narrabri

Appendix G - Figure 4.6n



Coordinate System: GDA 1994 MGA Zone 55
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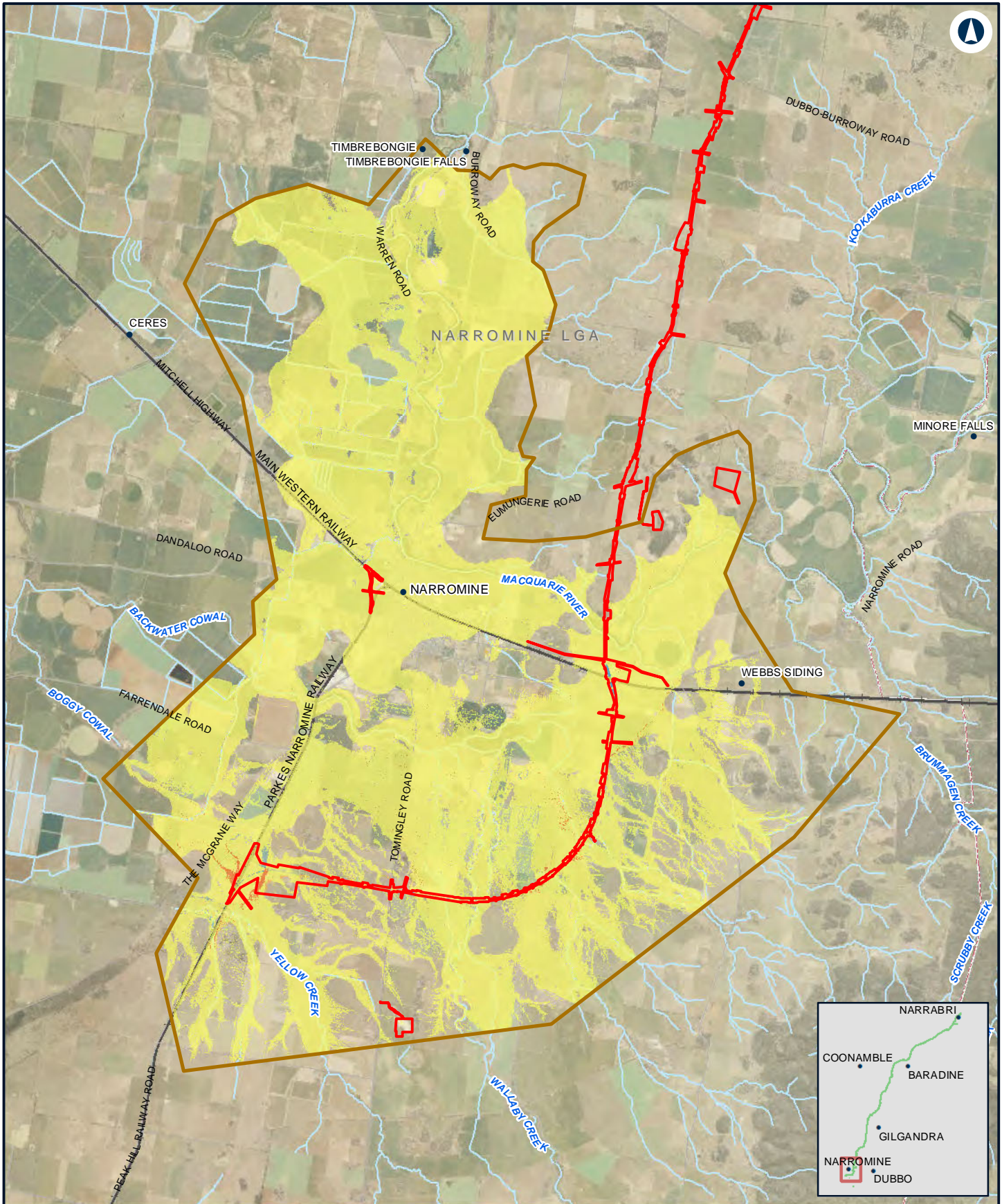
Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:160,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Was low, now dry
- Was high, now dry
- Unchanged



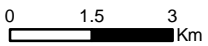
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - NFM

Appendix G - Figure 4.7a



Coordinate System: GDA 1994 MGA Zone 55
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 ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

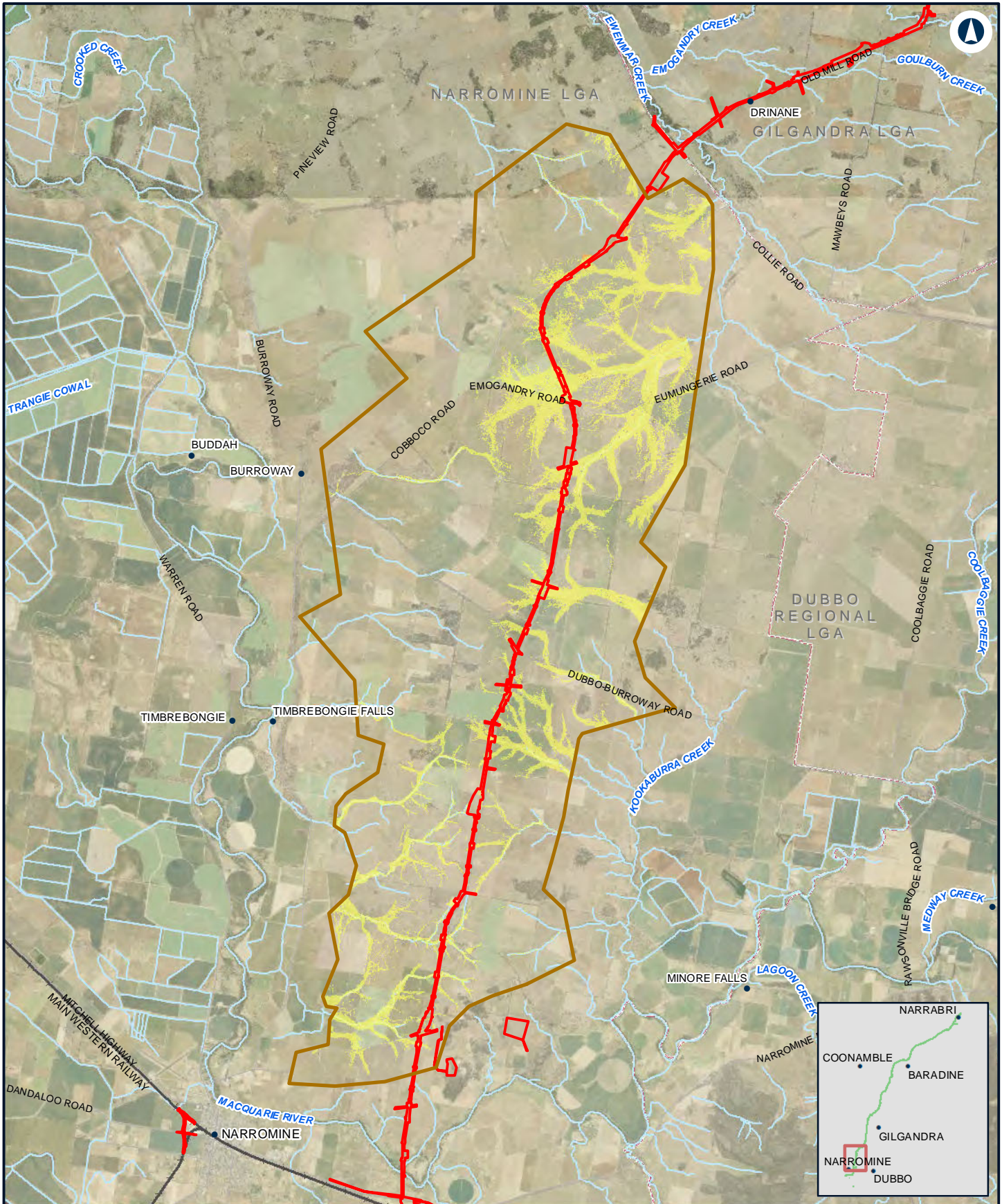
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI Change in flood hazard - 0.5% AEP - N2N14 Appendix G - Figure 4.7b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

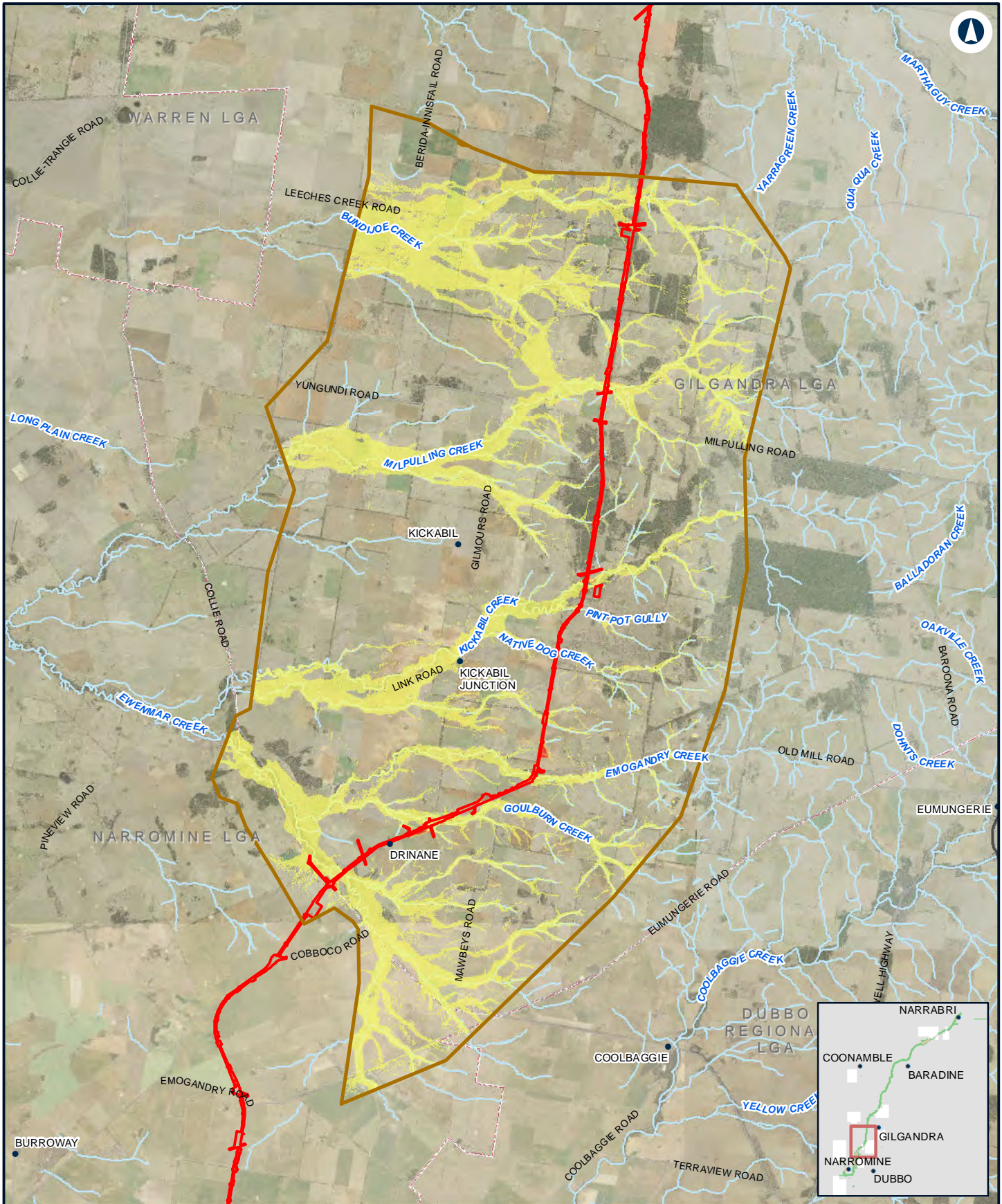
Hazard Change

- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.

INLAND RAIL **ARTC**

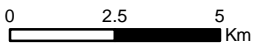
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N13

Appendix G - Figure 4.7c



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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

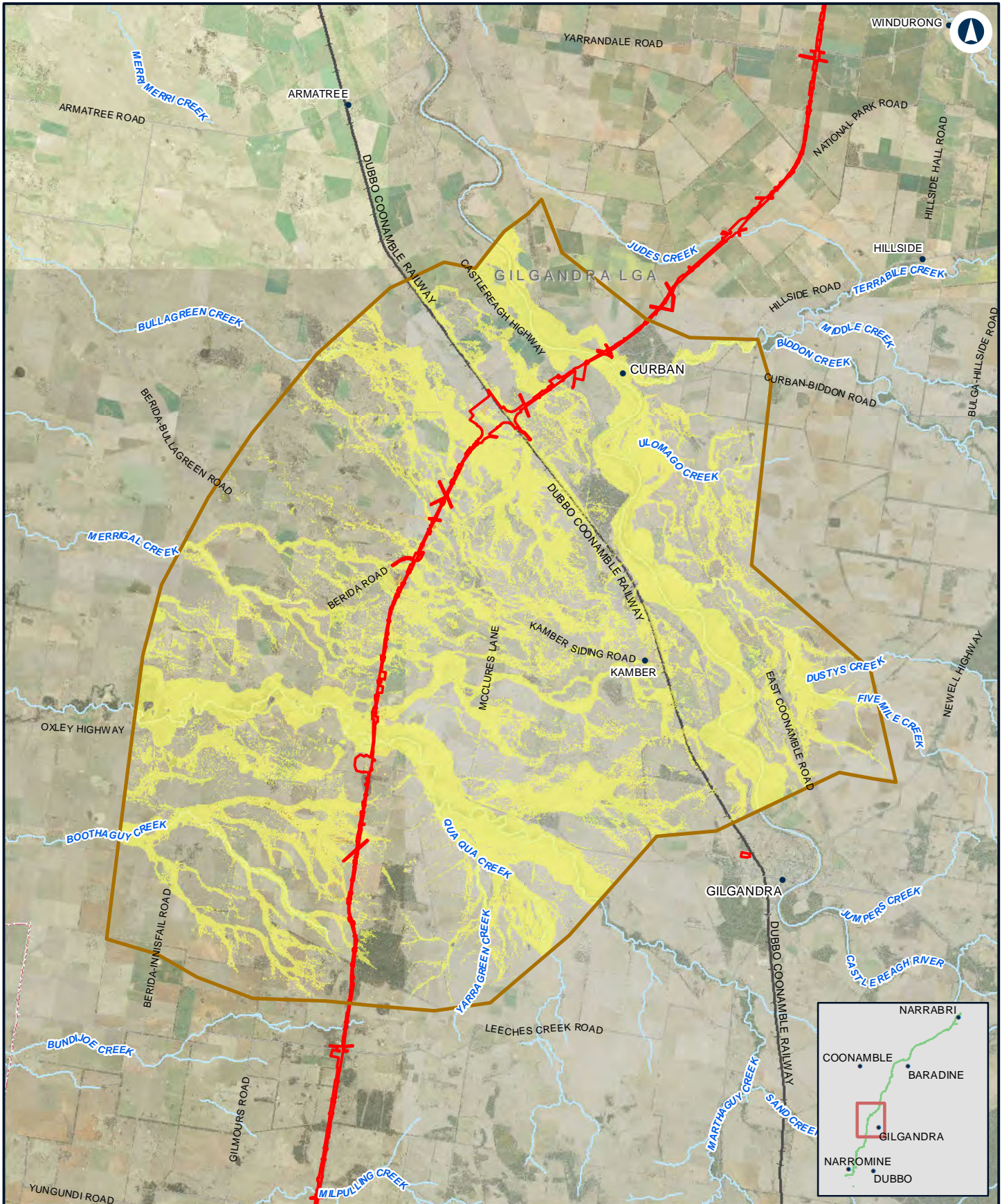
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



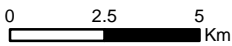
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N11N12

Appendix G - Figure 4.7d



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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:200,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

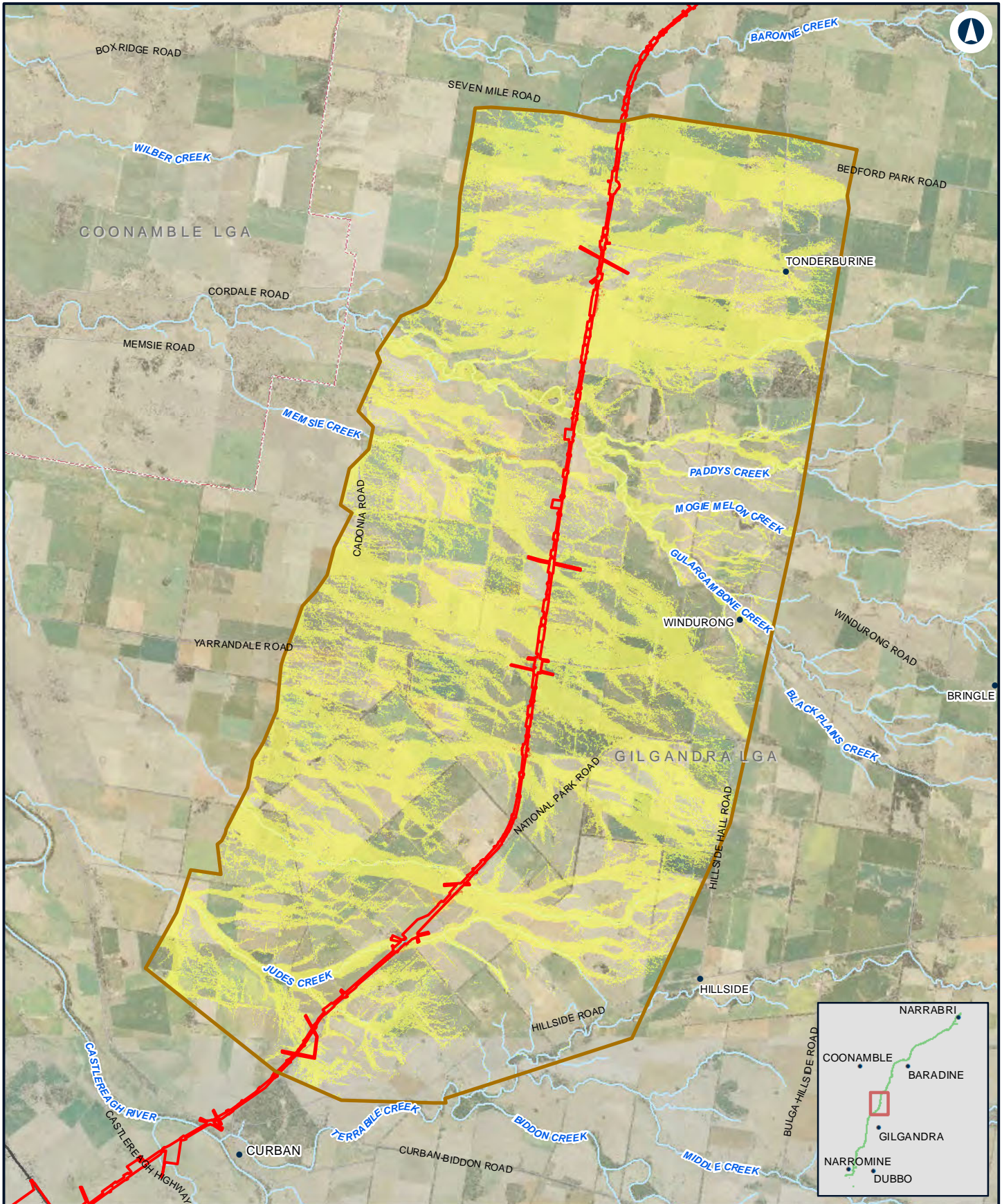
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was low, now dry
- Was high, now low
- Was high, now dry
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



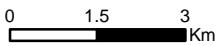
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N10

Appendix G - Figure 4.7e



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:130,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

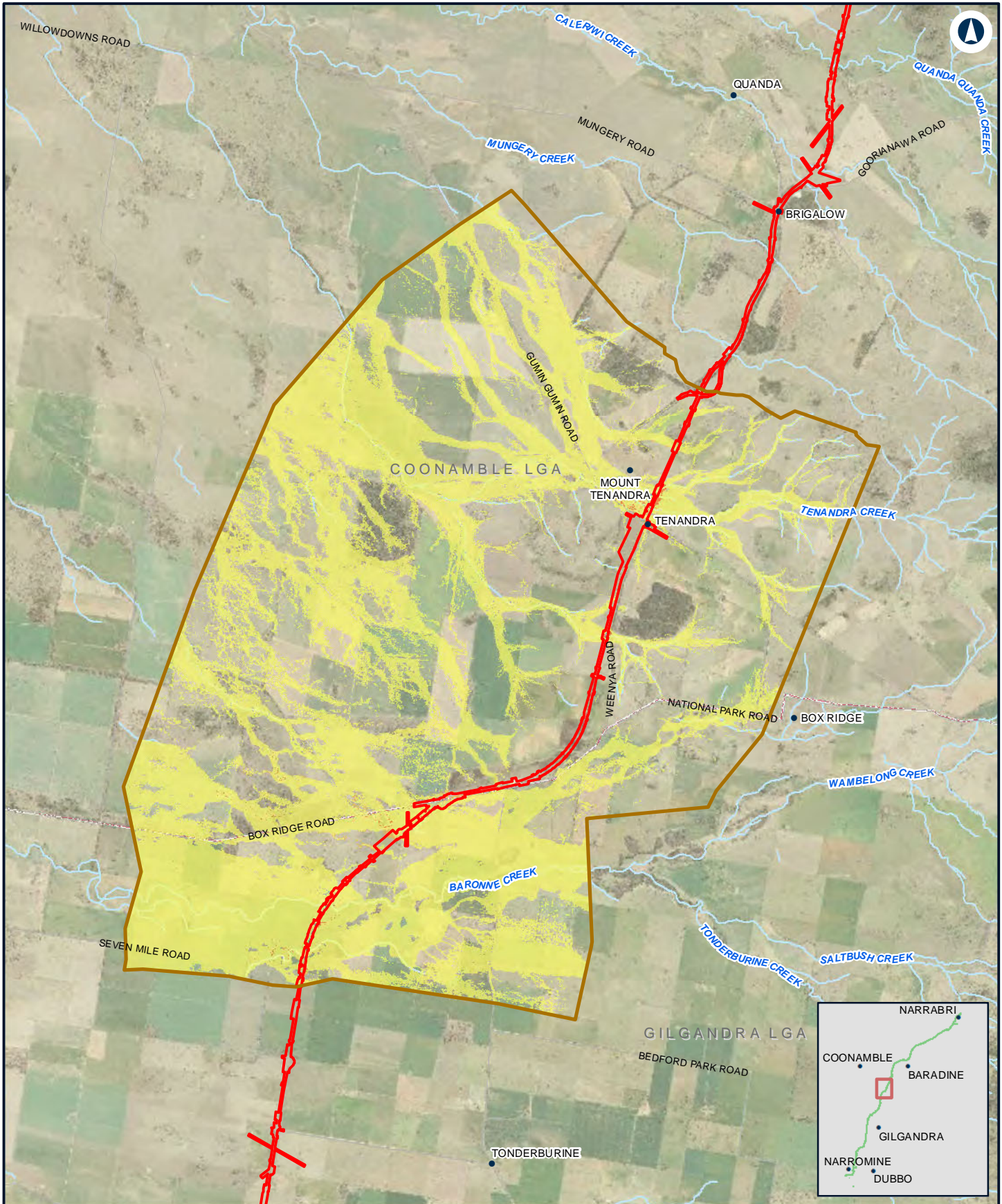
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



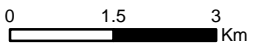
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N9

Appendix G - Figure 4.7f



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:110,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

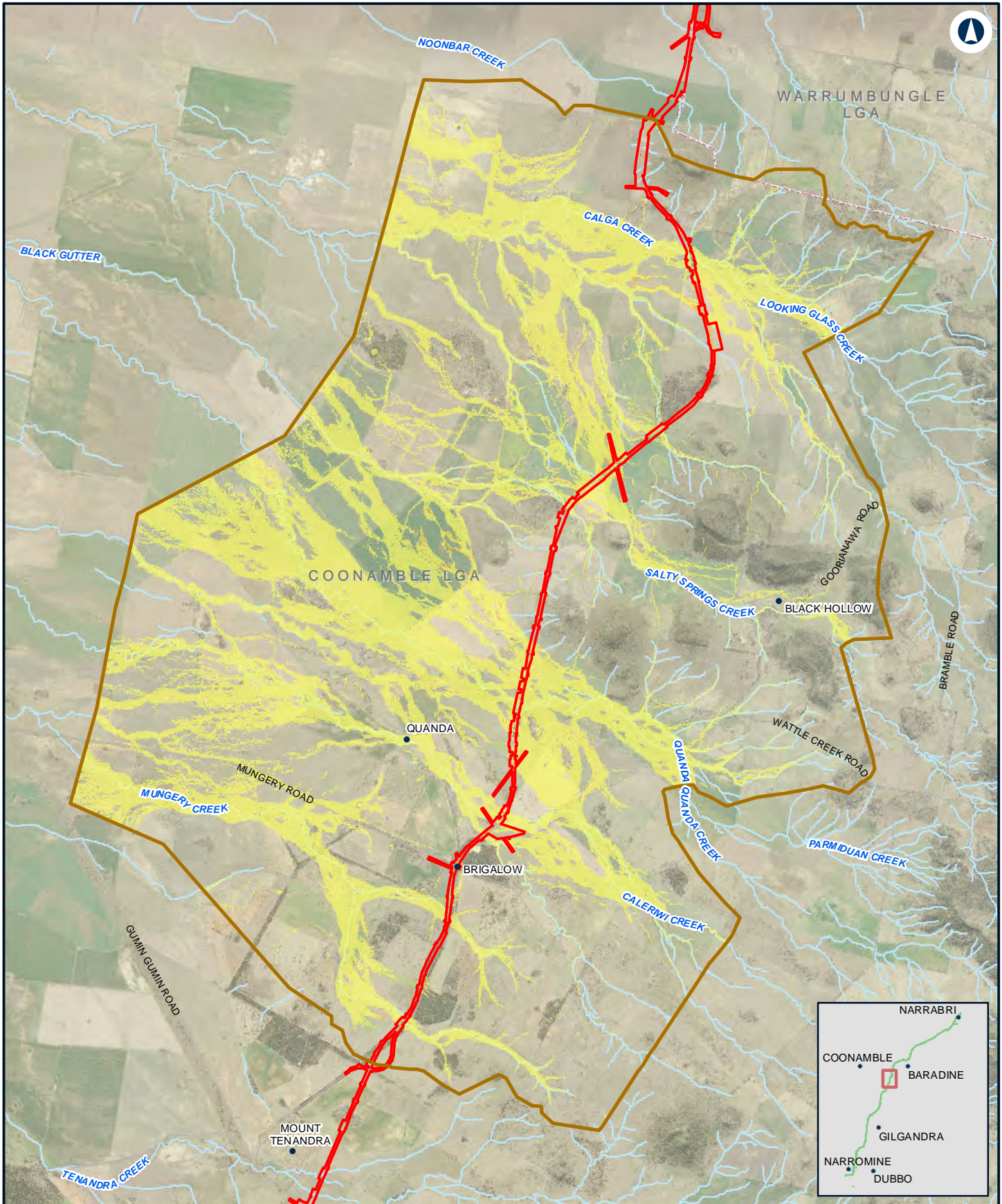
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



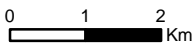
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N8

Appendix G - Figure 4.7g



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:100,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

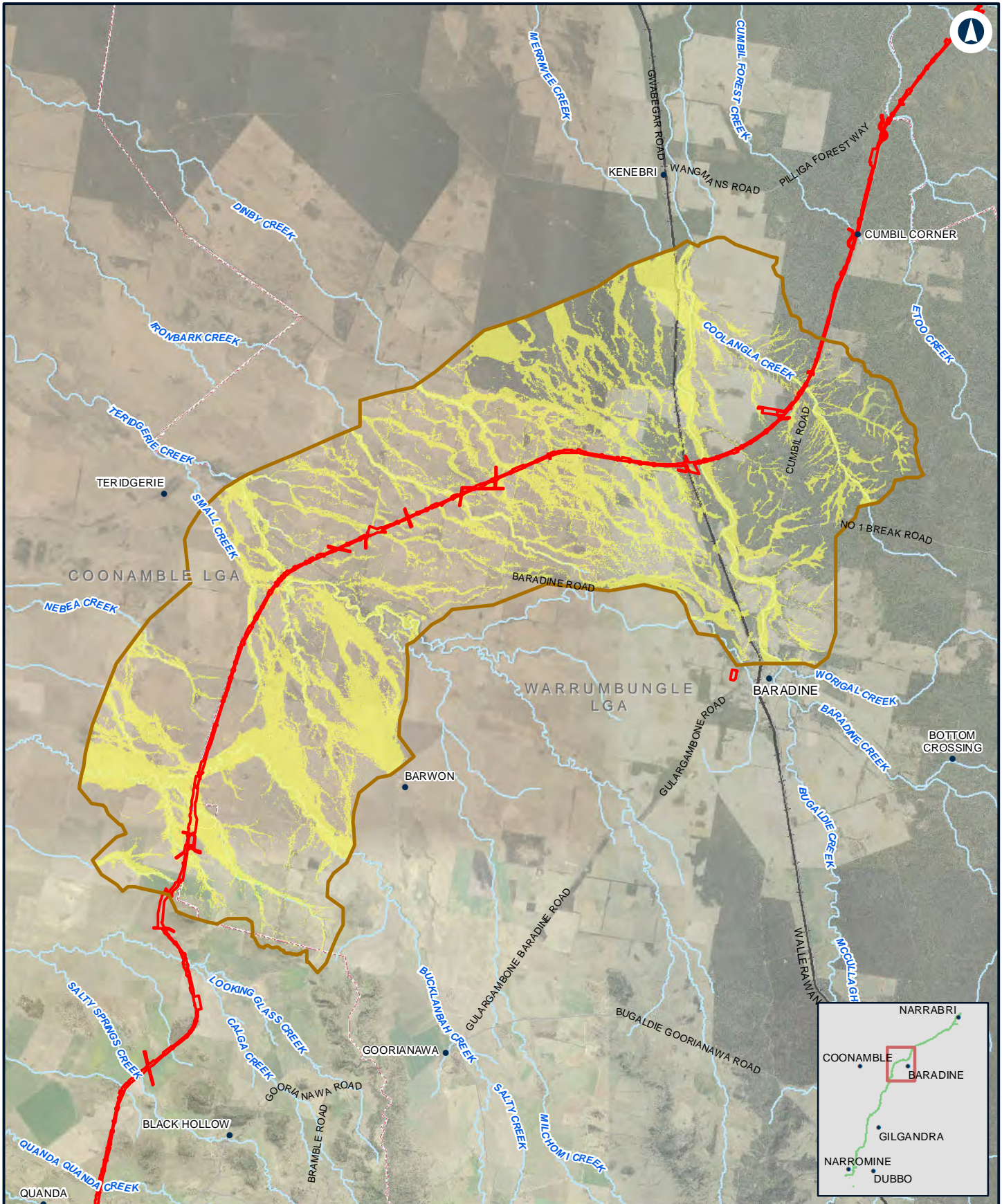
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



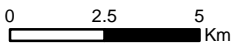
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N7

Appendix G - Figure 4.7h



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:200,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

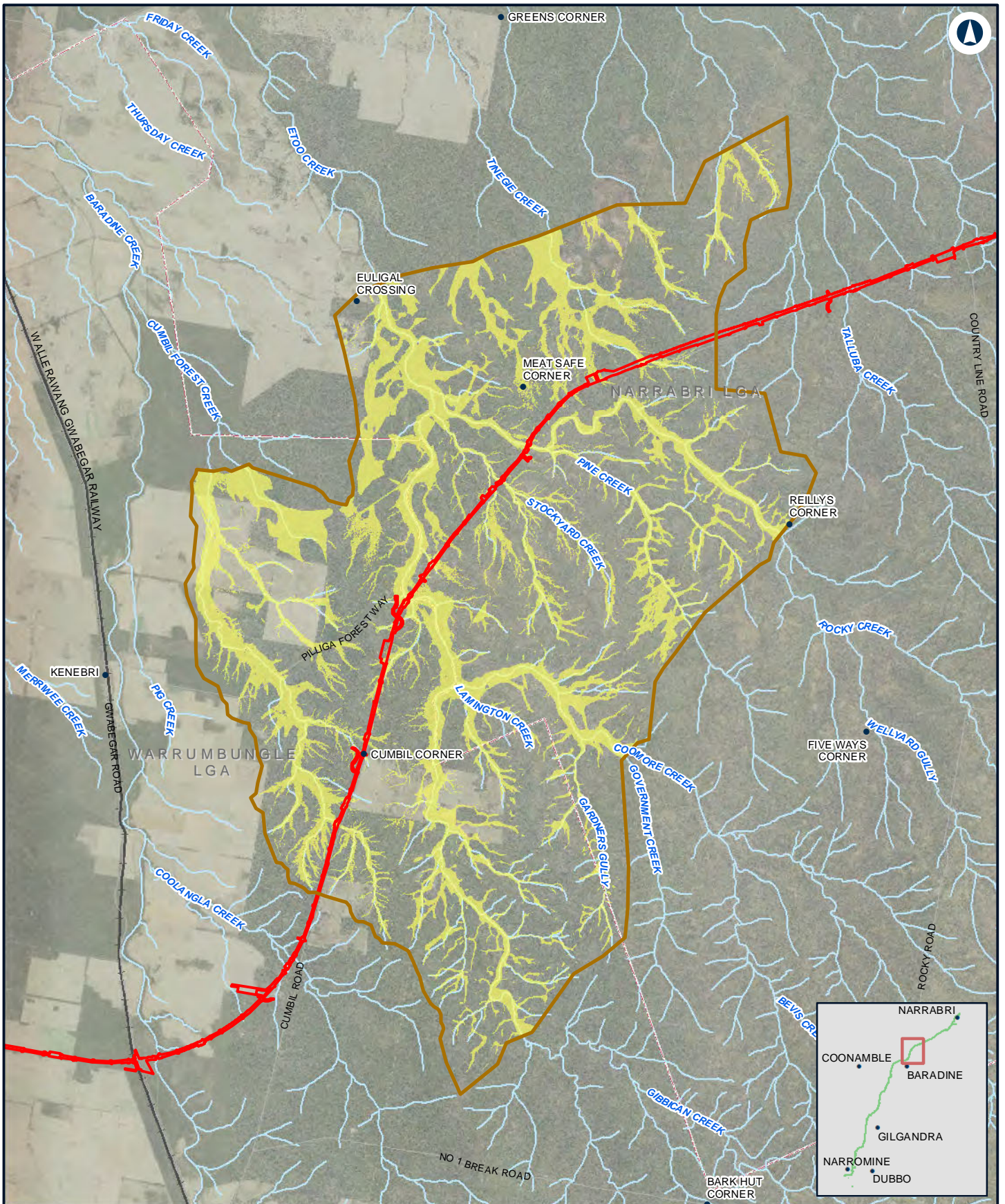
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N6

Appendix G - Figure 4.7i



Coordinate System: GDA 1994 MGA Zone 55

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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

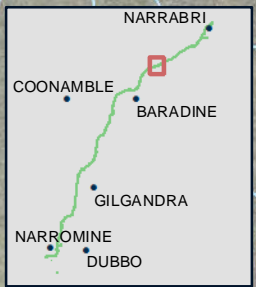
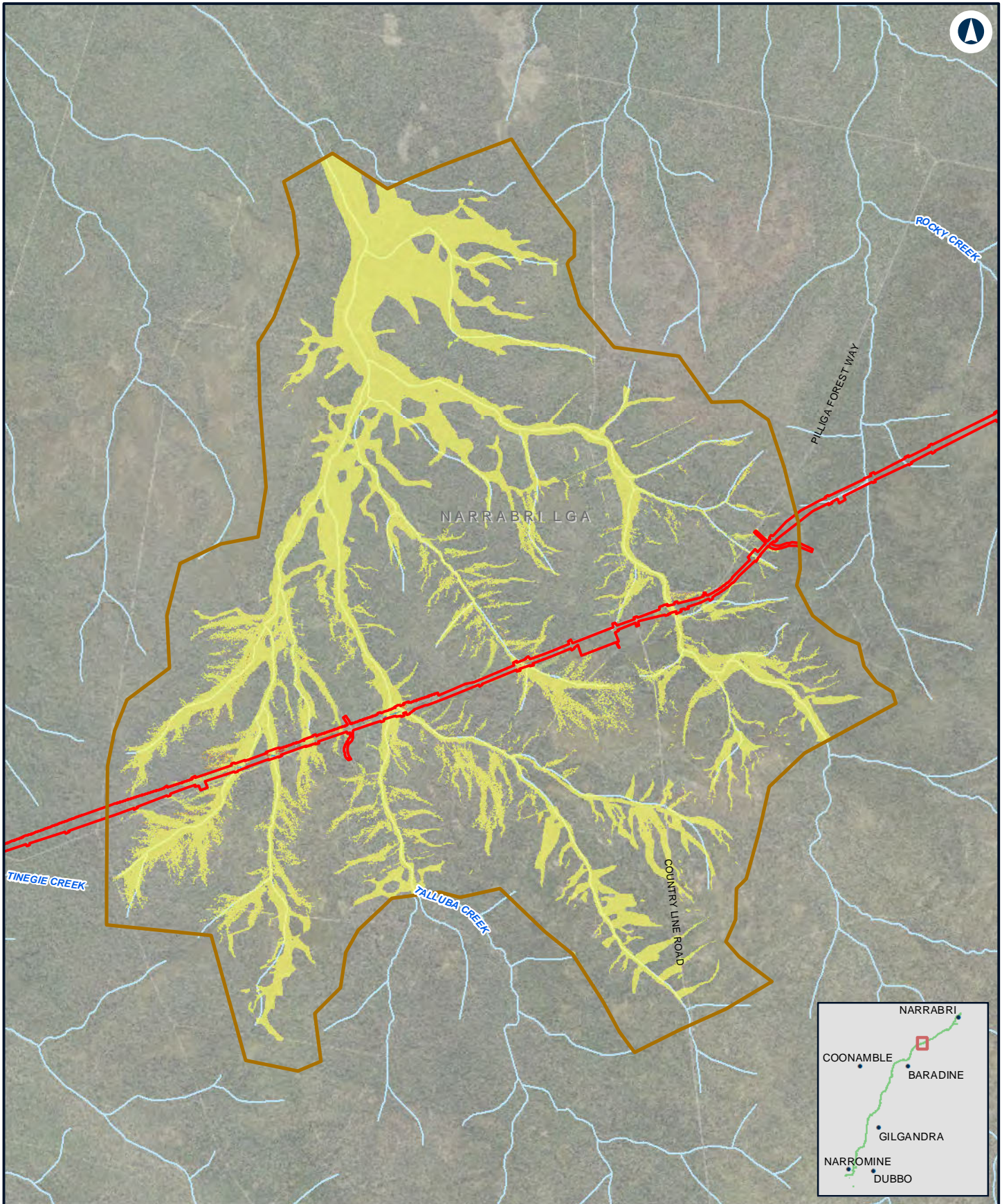
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Was low, now dry
- Was high, now low
- Was high, now dry
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



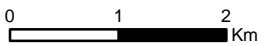
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N5

Appendix G - Figure 4.7j



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

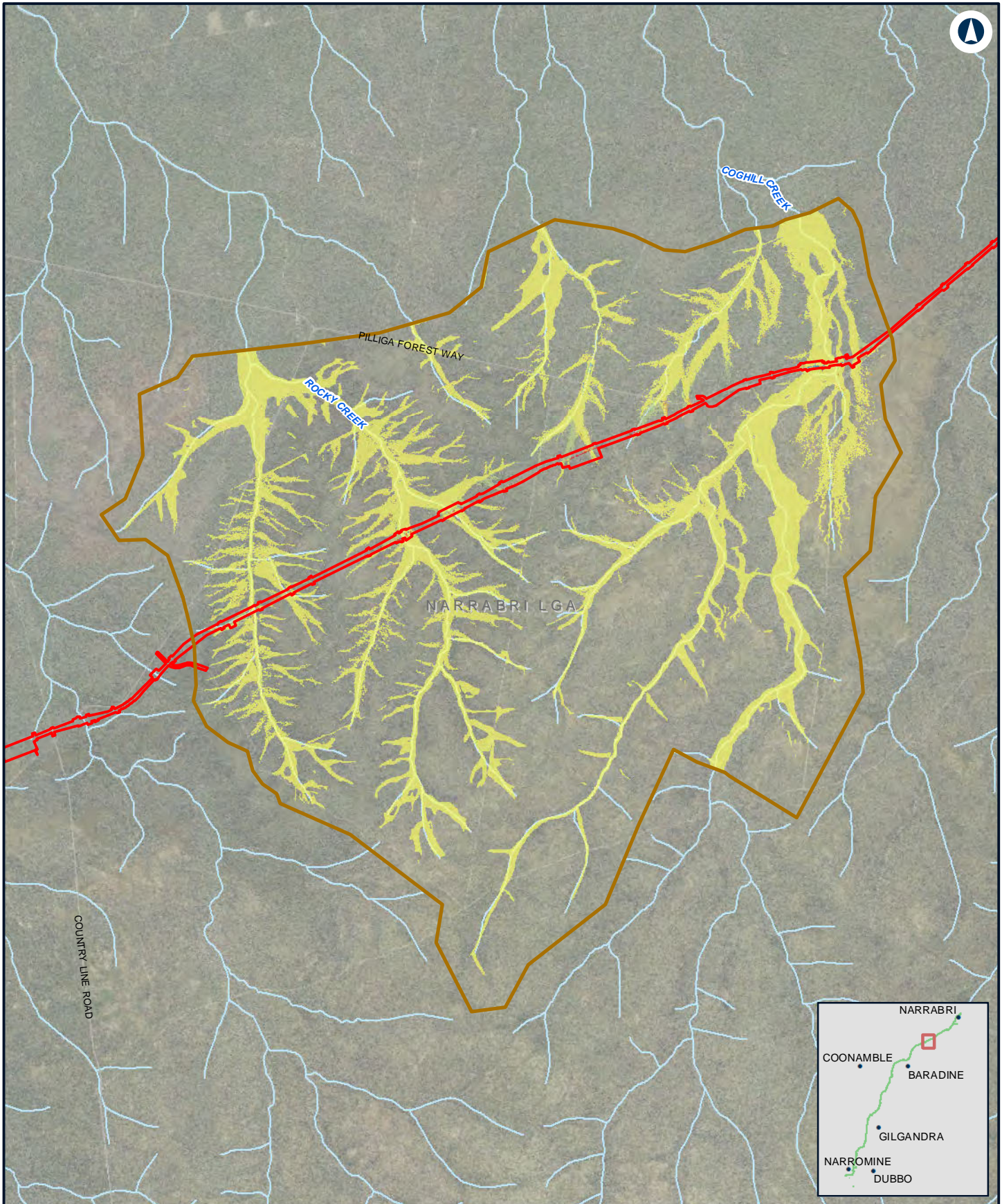
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



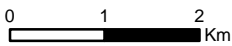
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N4

Appendix G - Figure 4.7k



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:80,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

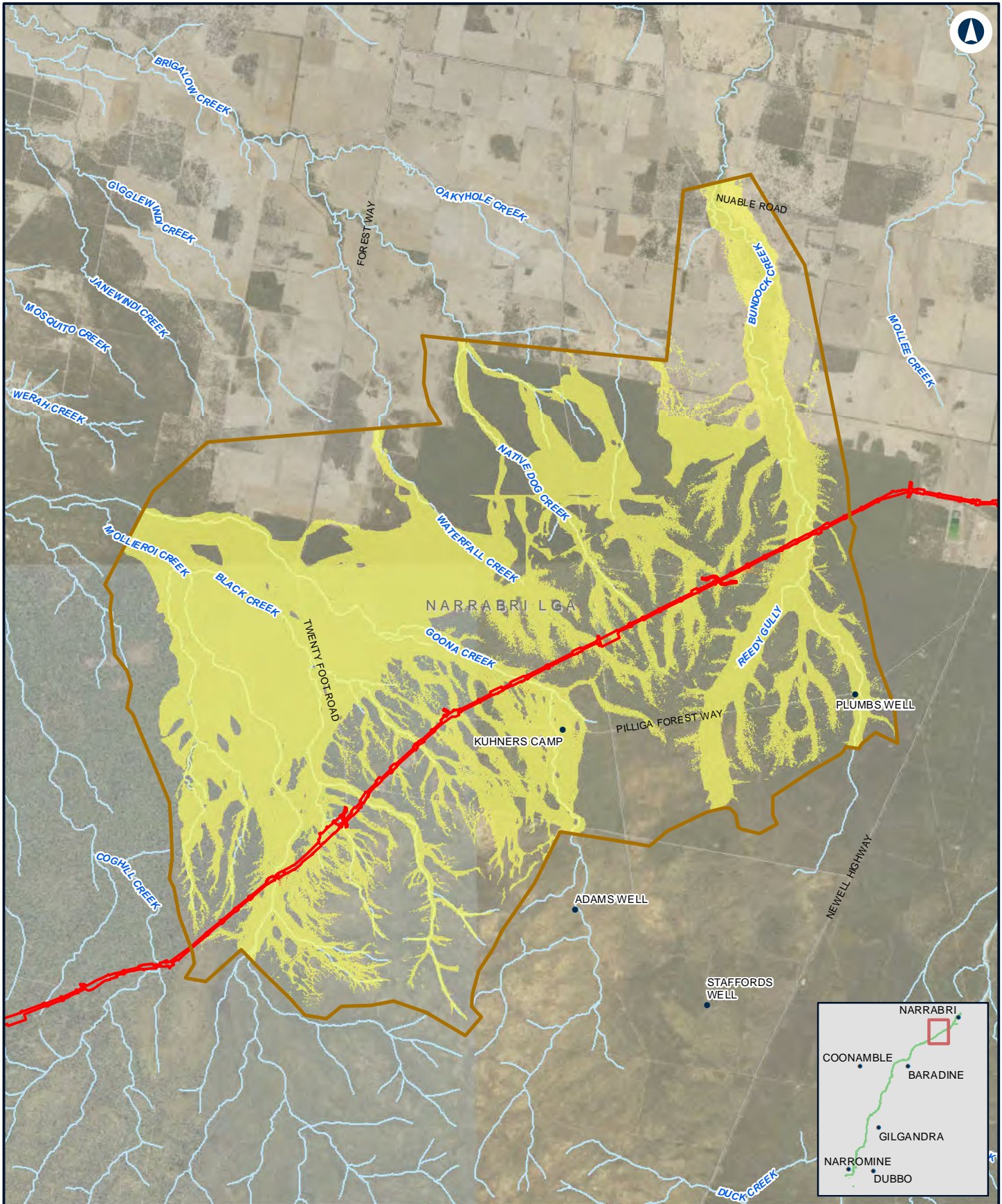
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



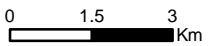
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NARRABRI TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N23

Appendix G - Figure 4.71



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

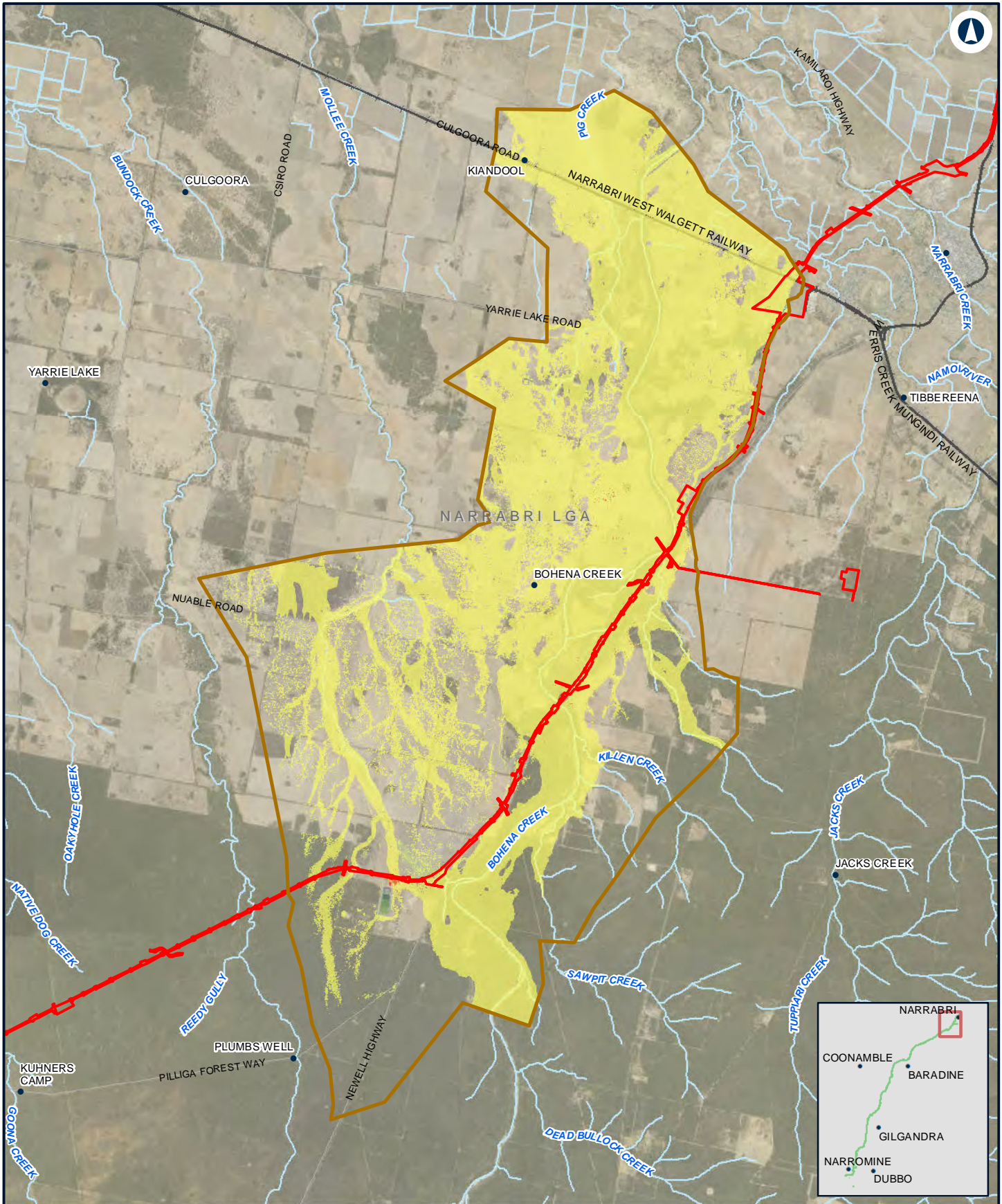
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



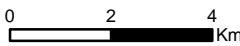
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - N2N1

Appendix G - Figure 4.7m



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

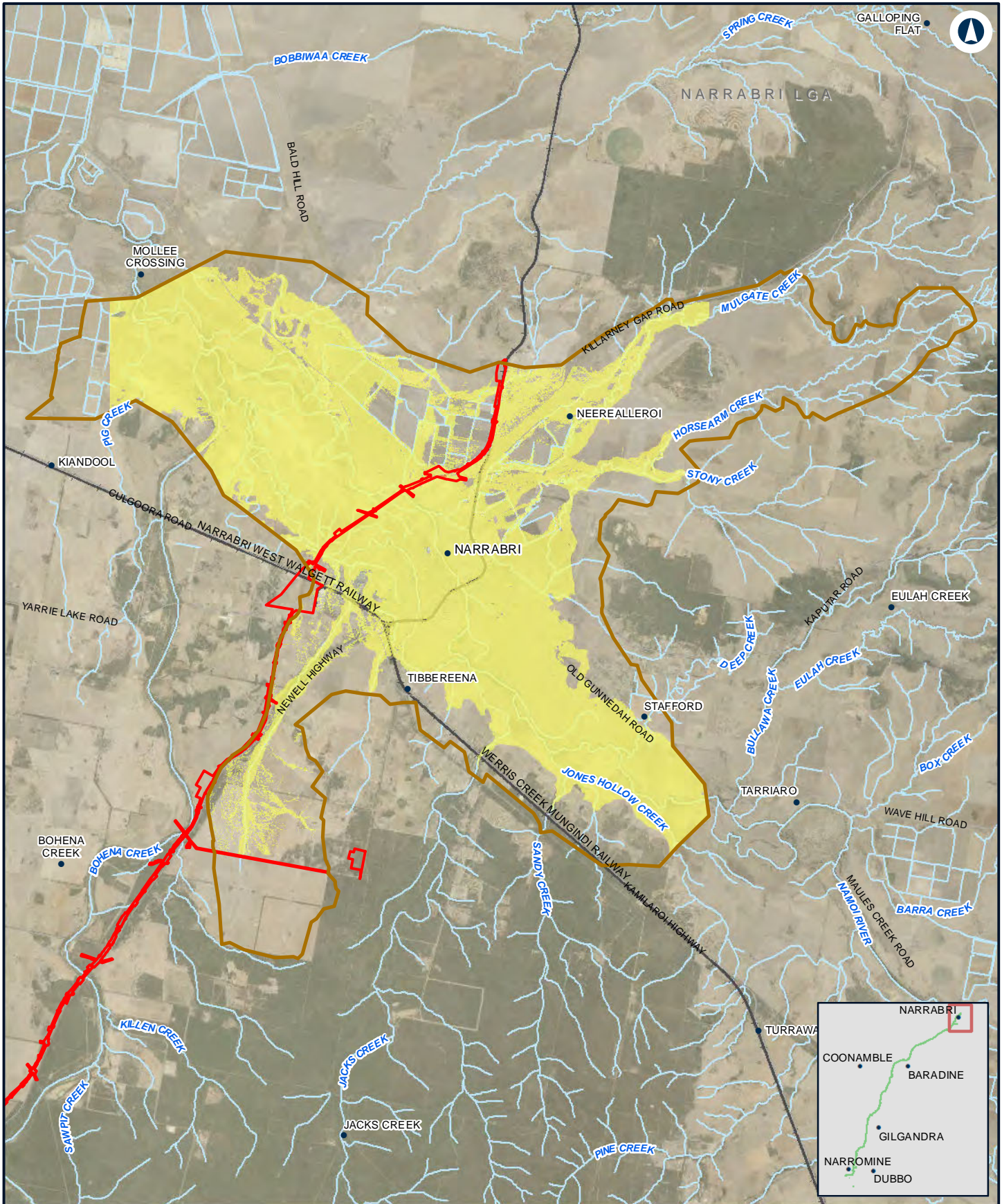
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



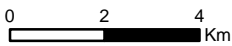
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NARROMINE TO NARRABRI

Change in flood hazard - 0.5% AEP - Narrabri

Appendix G - Figure 4.7n



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:160,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

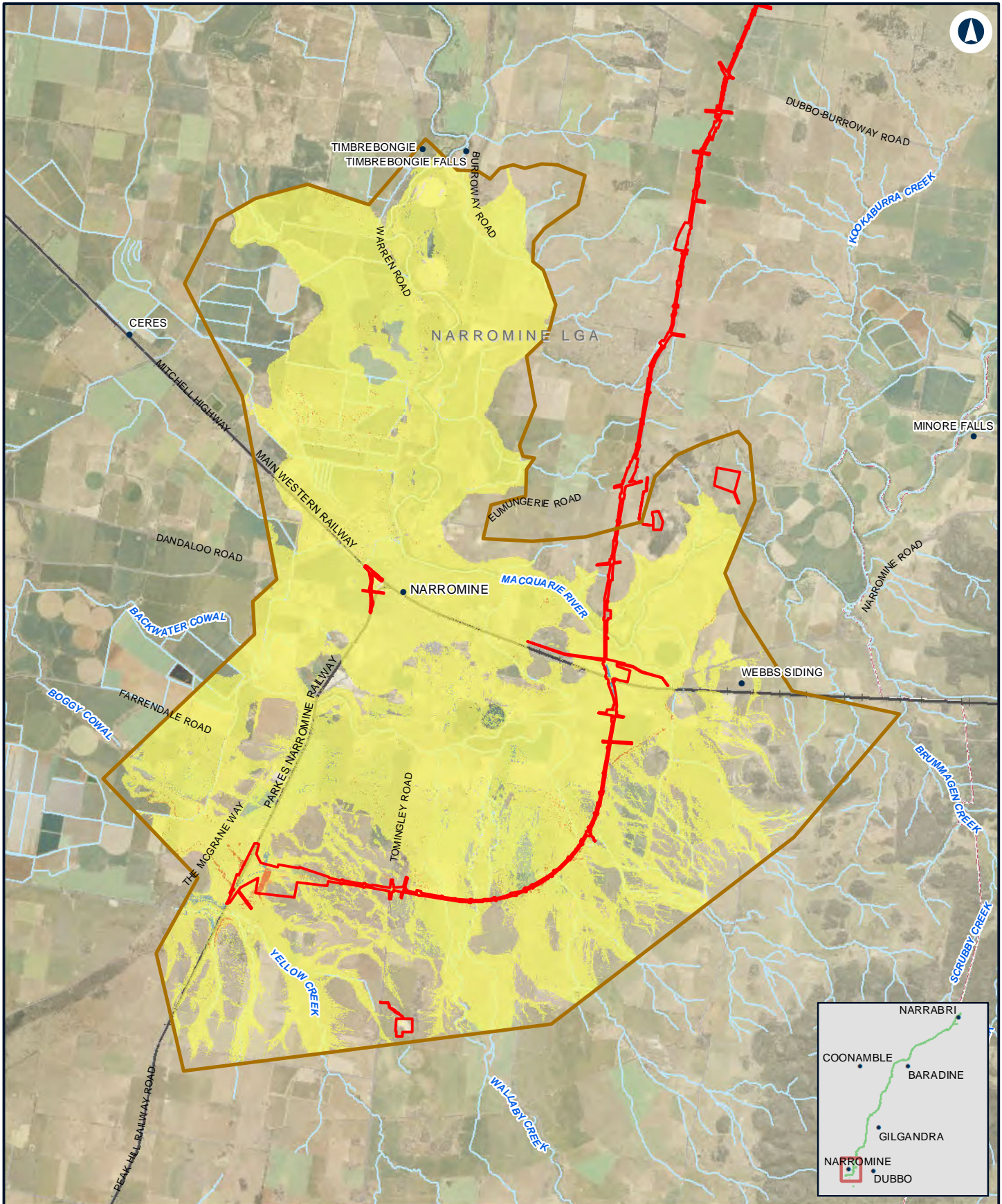
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



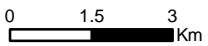
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - NFM

Appendix G - Figure 4.8a



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

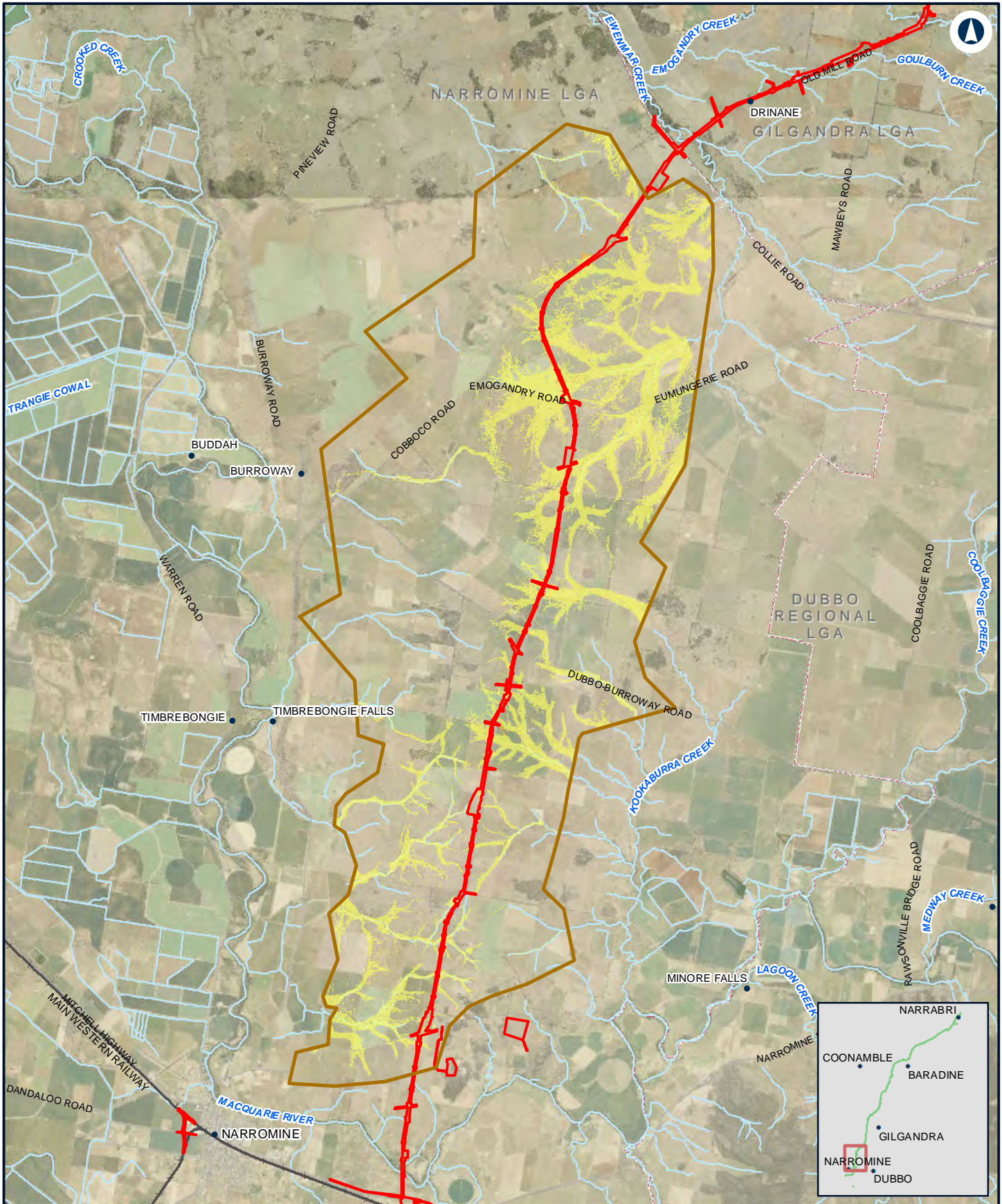
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



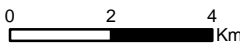
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N14

Appendix G - Figure 4.8b



Coordinate System: GDA 1994 MGA Zone 55
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 ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

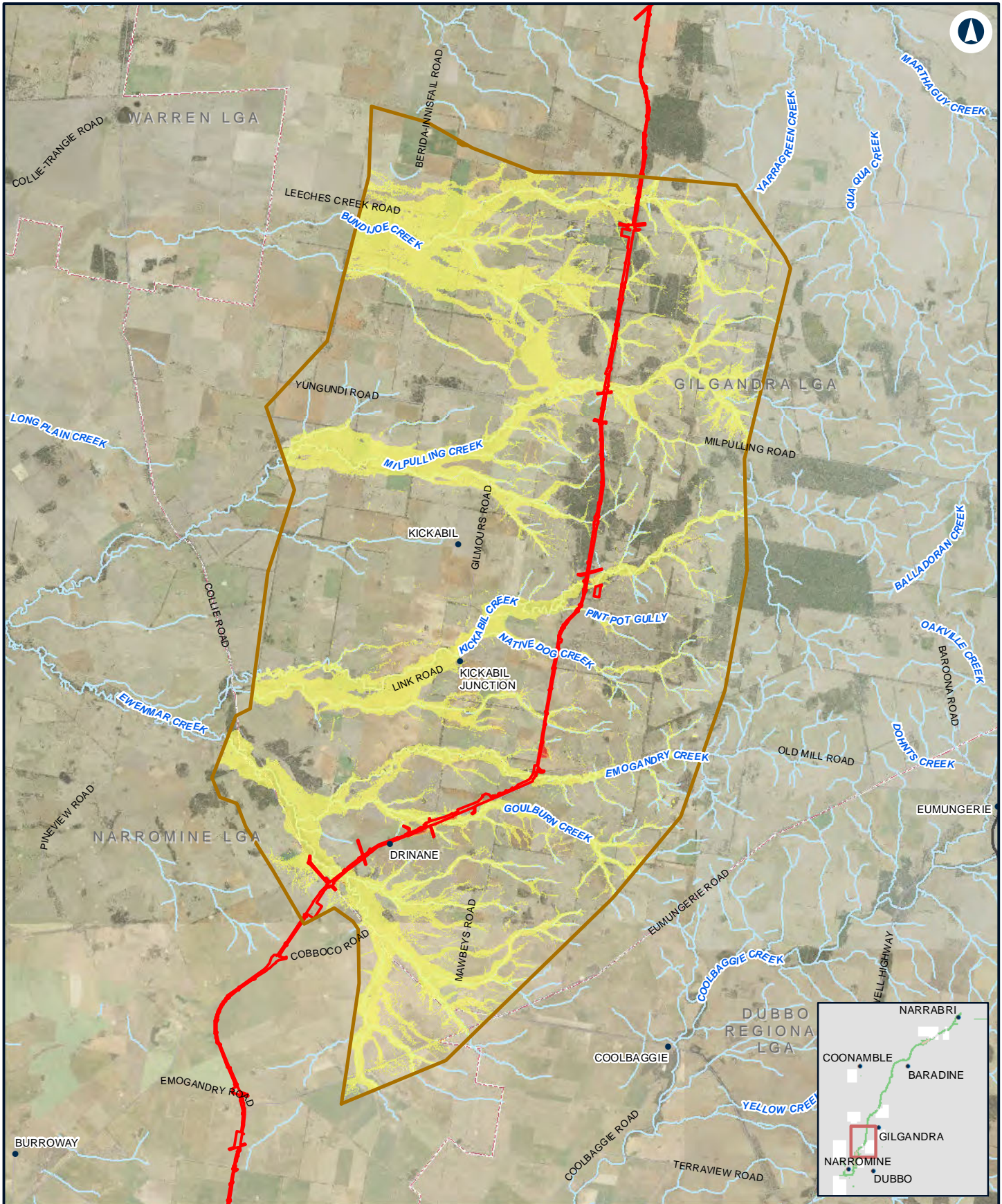
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.

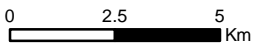


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NARROMINE TO NARRABRI Change in flood hazard - 0.2% AEP - N2N13

Appendix G - Figure 4.8c



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

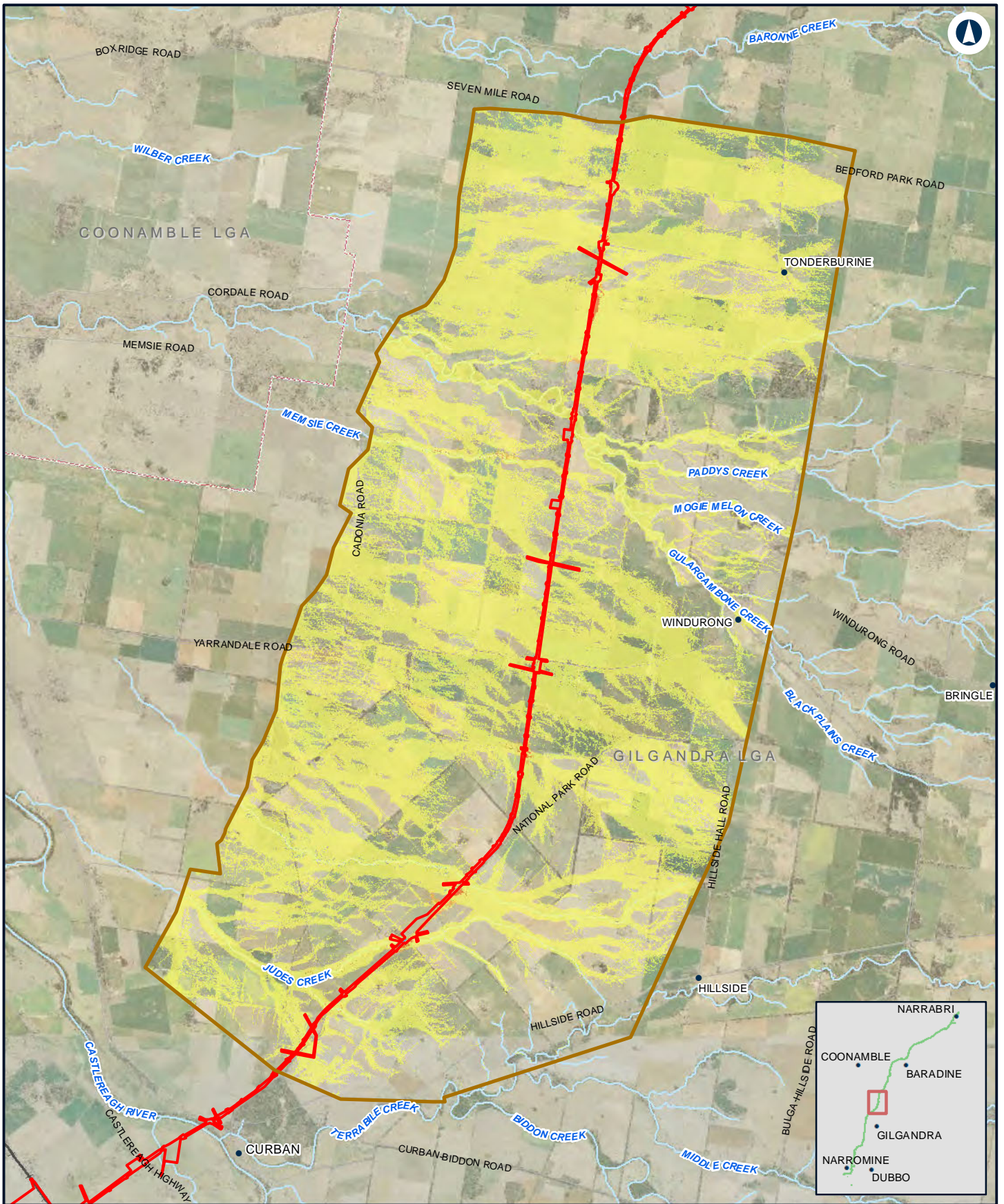
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



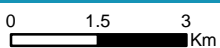
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N10

Appendix G - Figure 4.8e



Coordinate System: GDA 1994 MGA Zone 55

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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:130,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

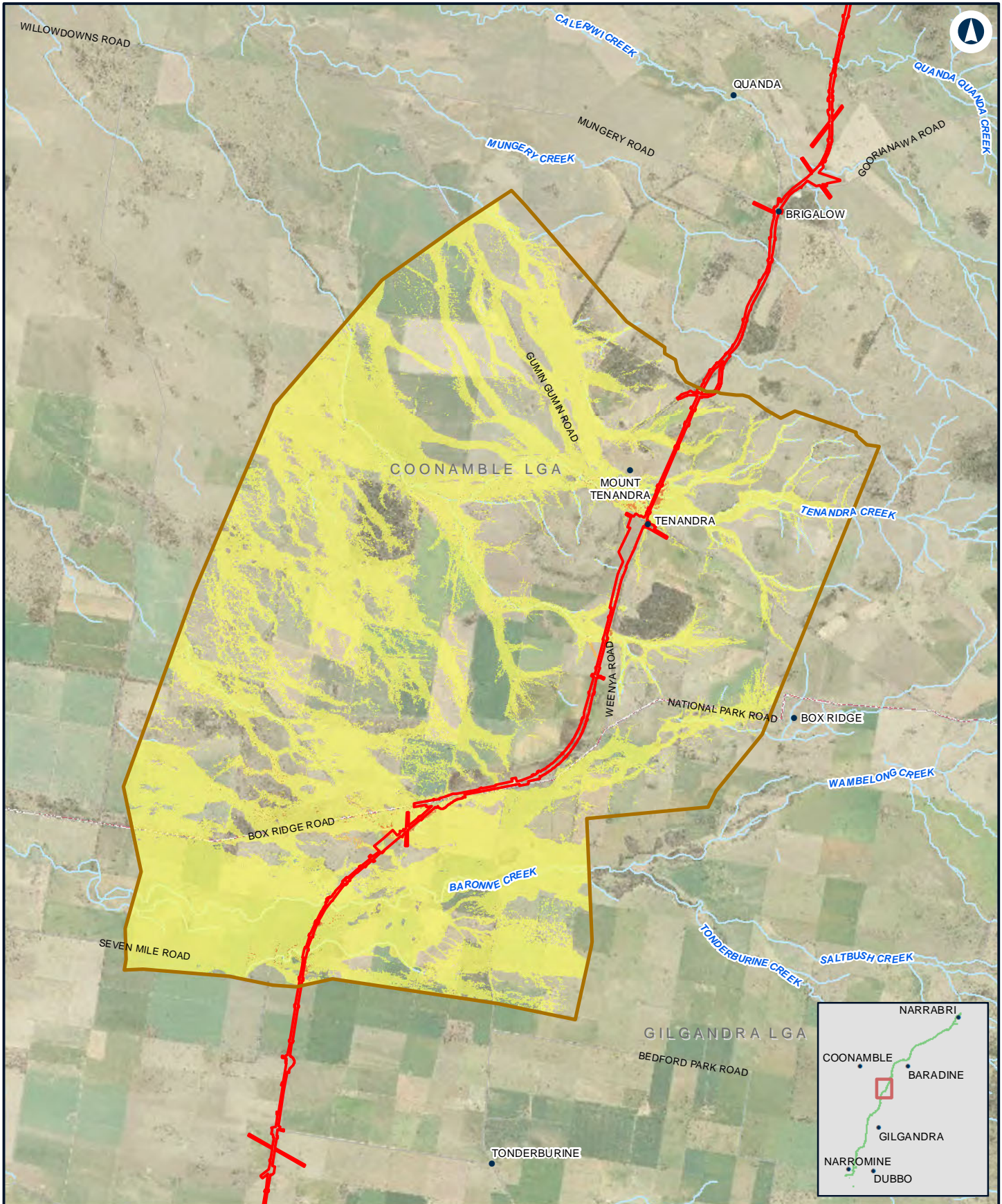
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



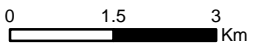
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N9

Appendix G - Figure 4.8f



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:110,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

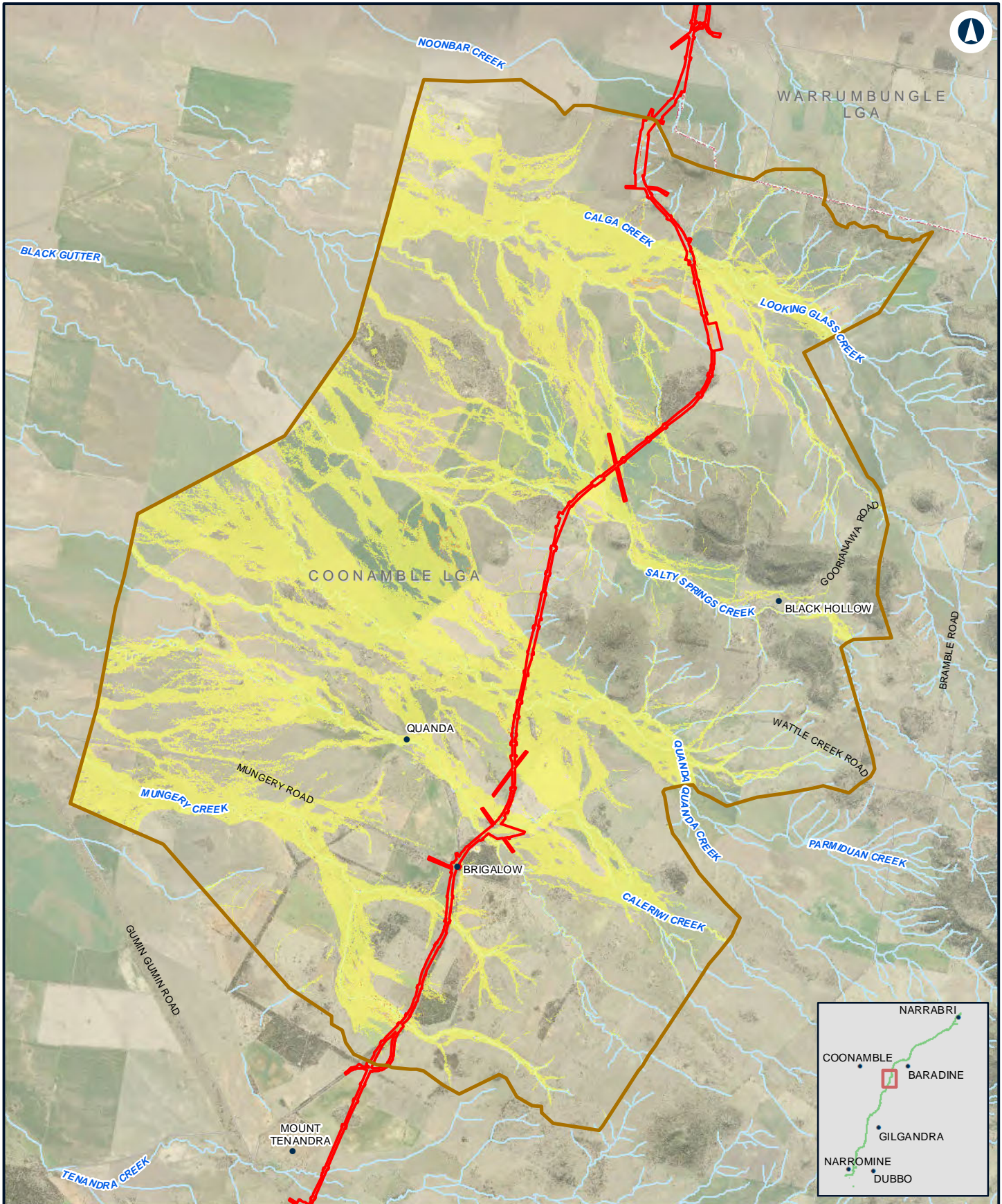
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



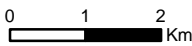
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N8

Appendix G - Figure 4.8g



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:100,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

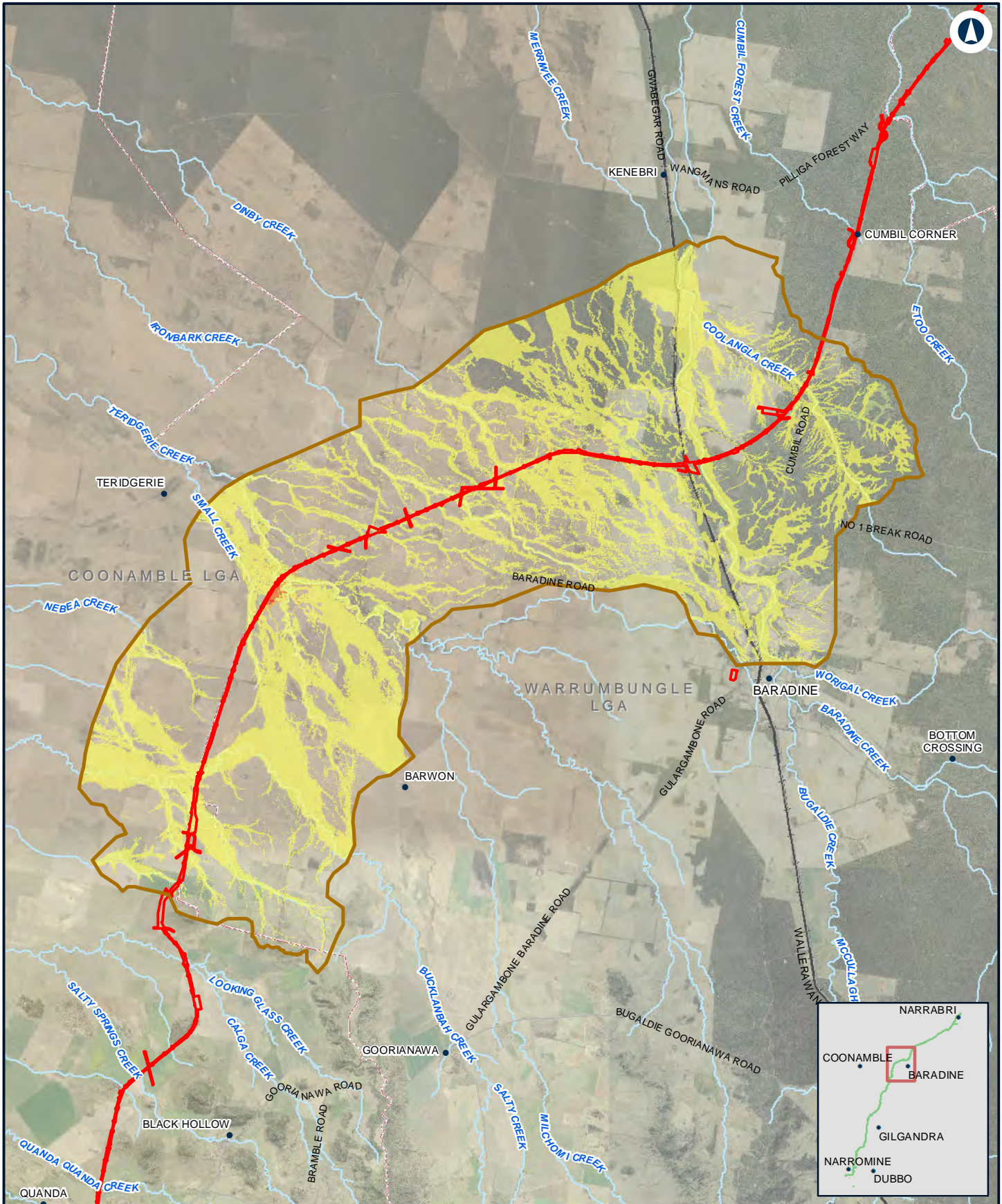
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



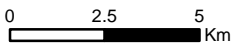
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N7

Appendix G - Figure 4.8h



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:200,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

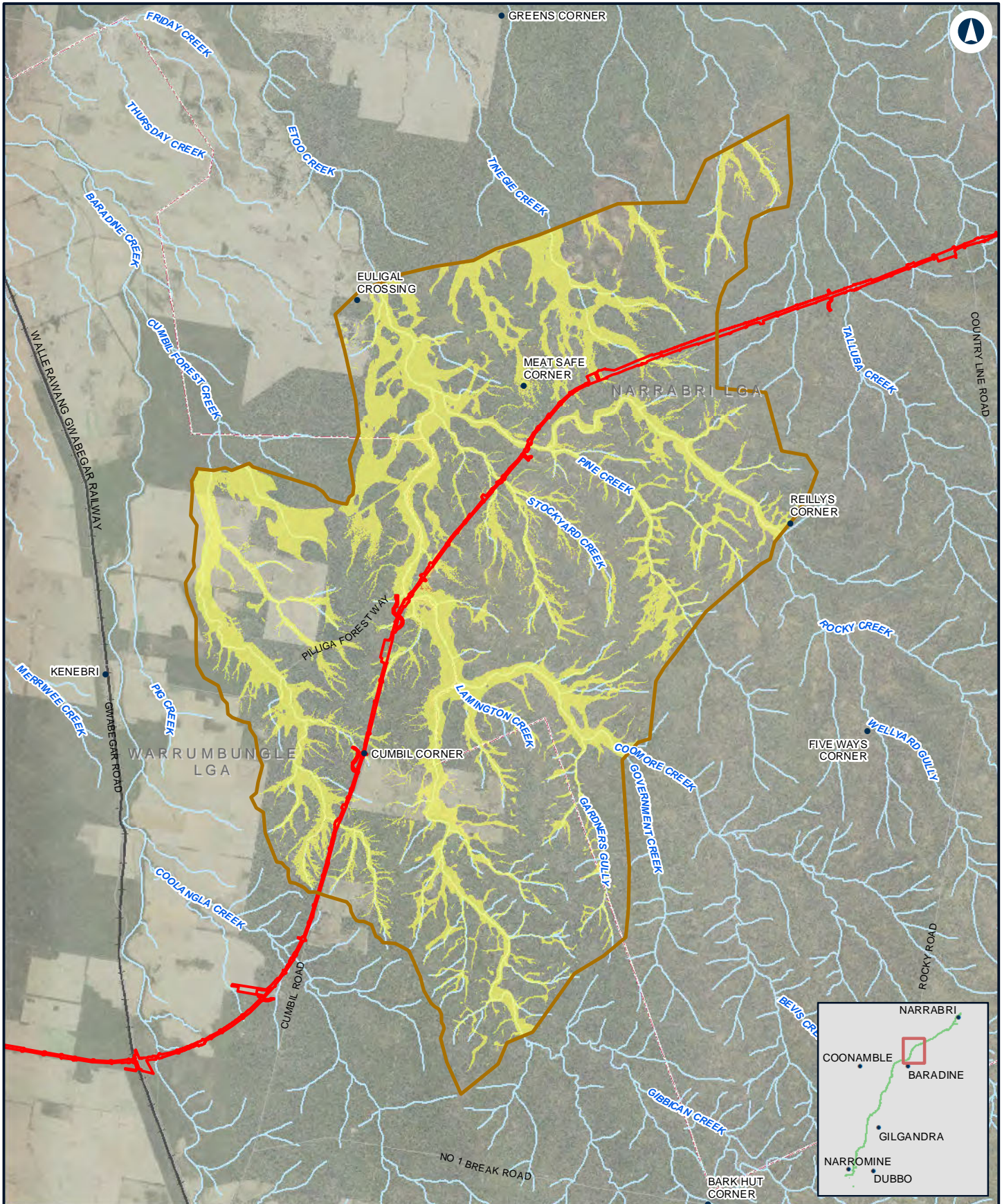
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



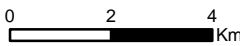
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N6

Appendix G - Figure 4.8i



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

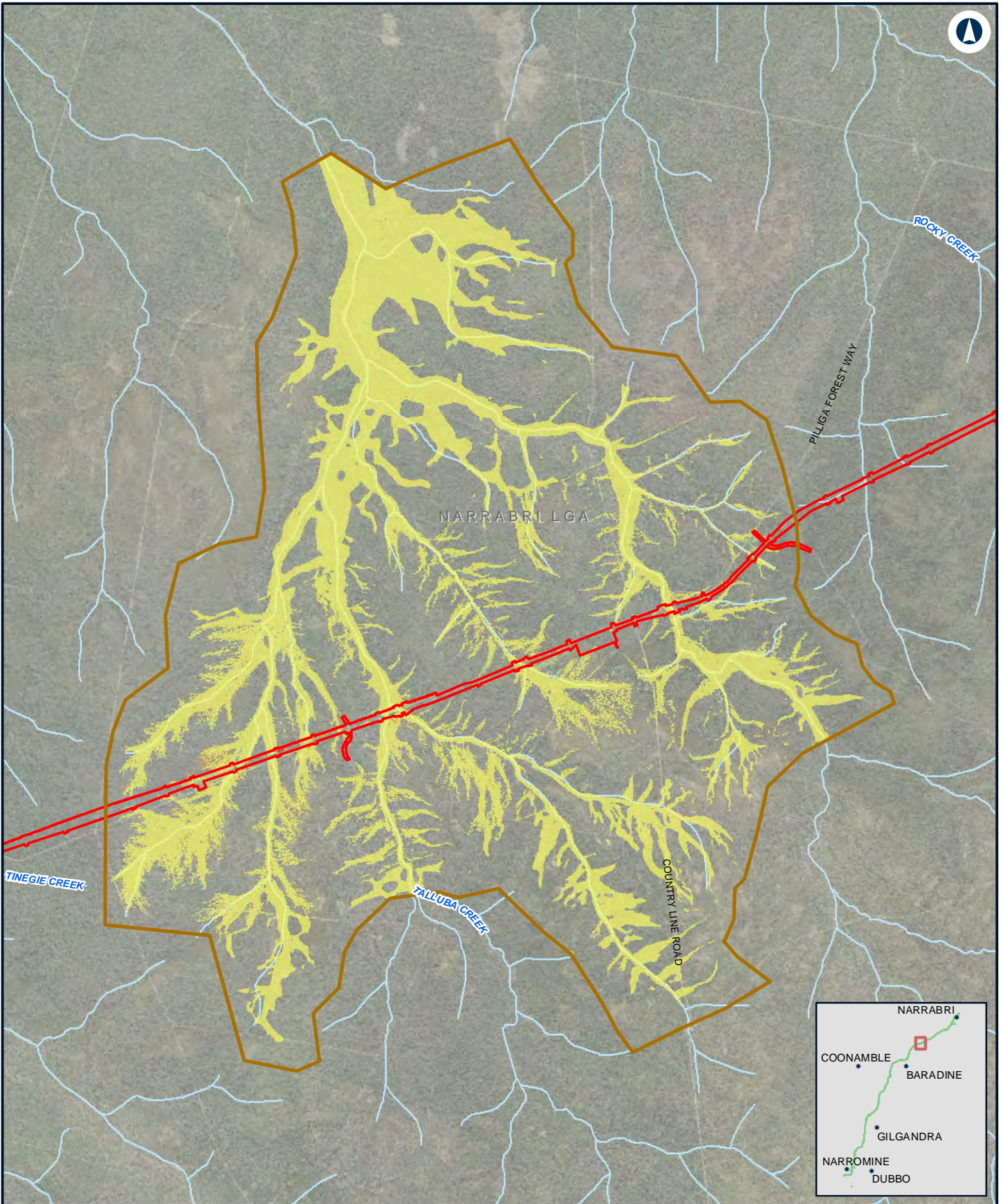
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was high, now dry
- Was high, now low
- Was low, now dry
- Was dry, now high
- Was dry, now low
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



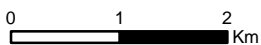
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N5

Appendix G - Figure 4.8j



Coordinate System: GDA 1994 MGA Zone 55

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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

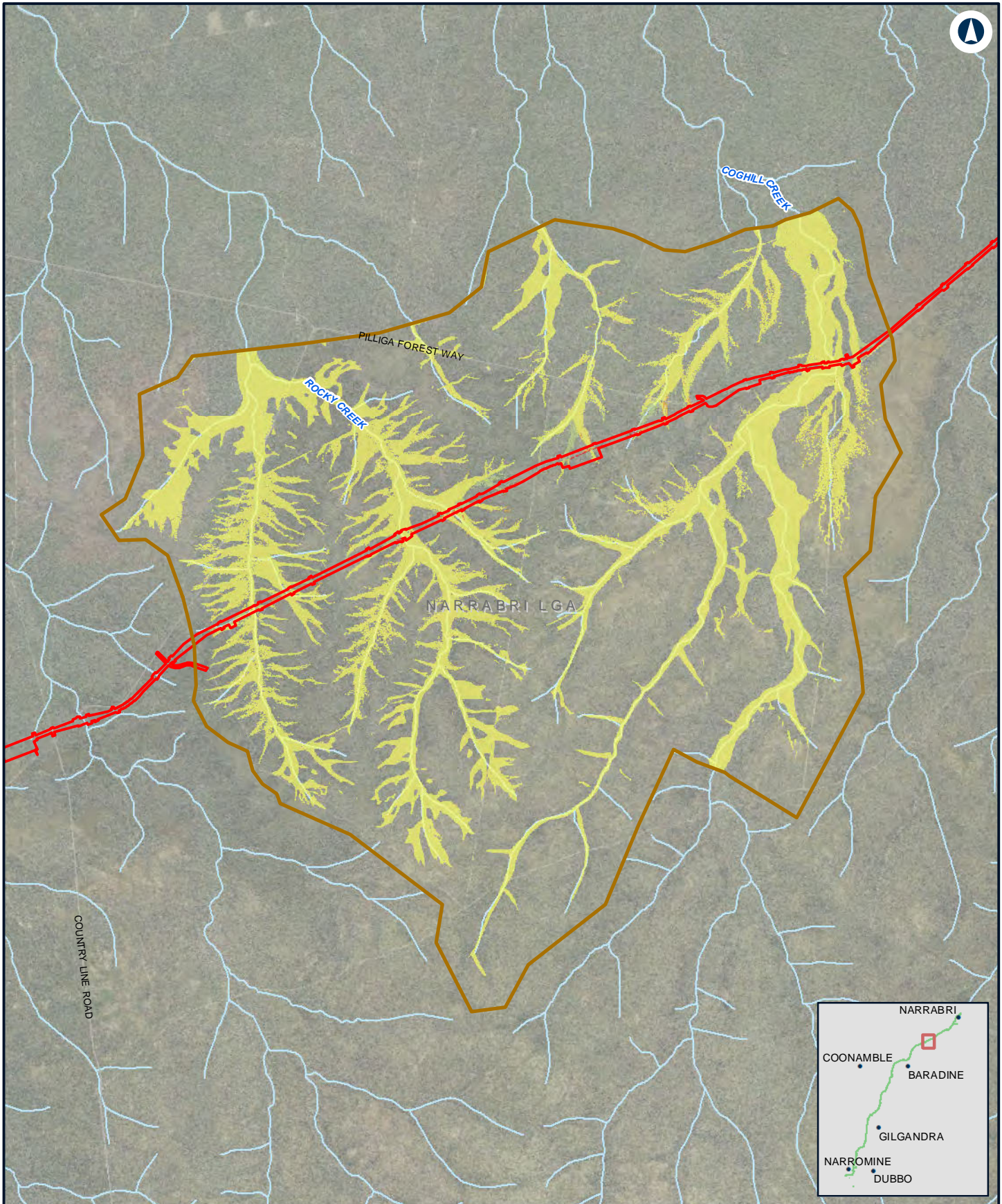
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



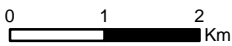
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N4

Appendix G - Figure 4.8k



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:80,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

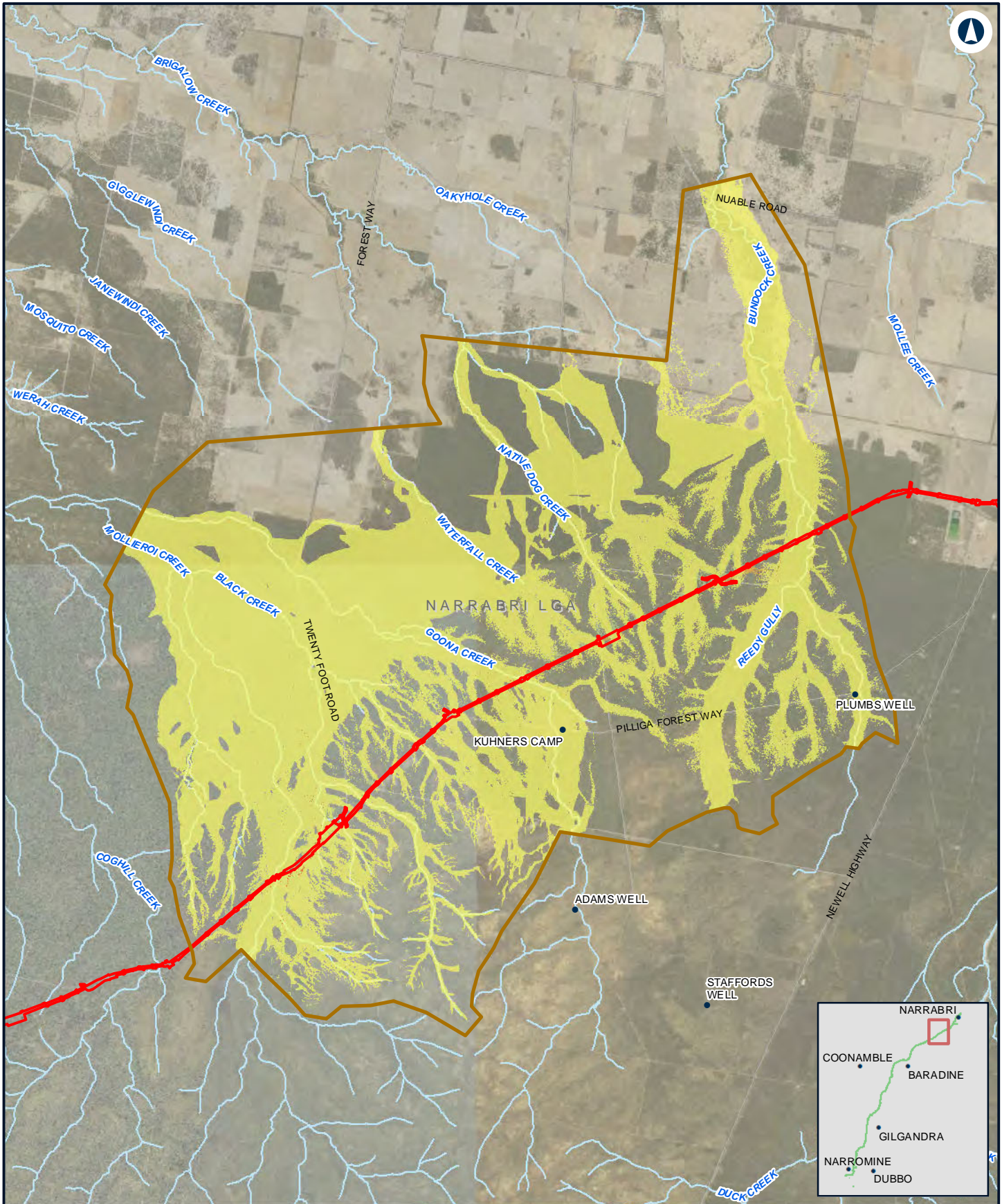
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



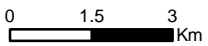
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NARRABRI TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N23

Appendix G - Figure 4.8I



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

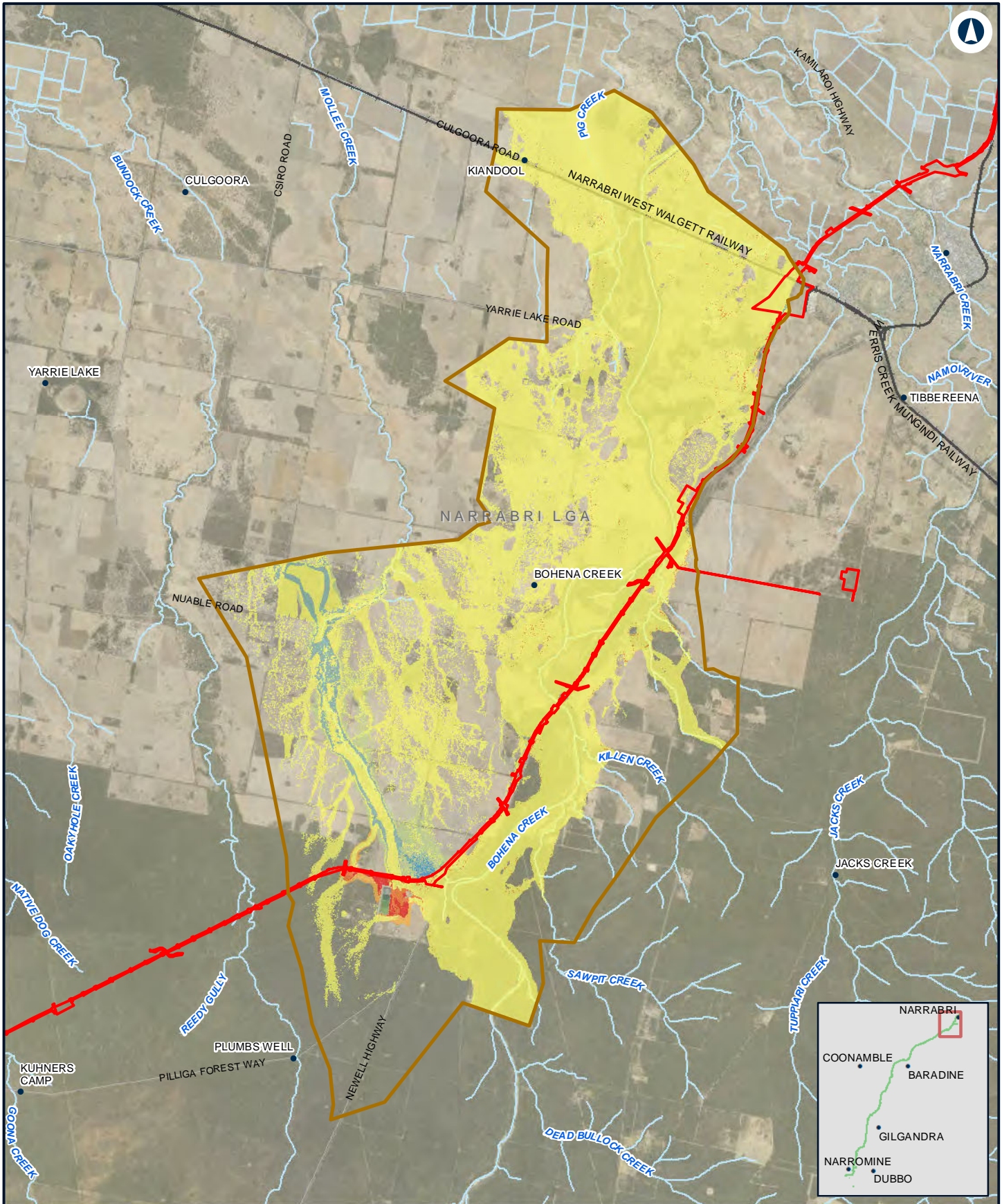
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



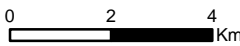
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - N2N1

Appendix G - Figure 4.8m



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

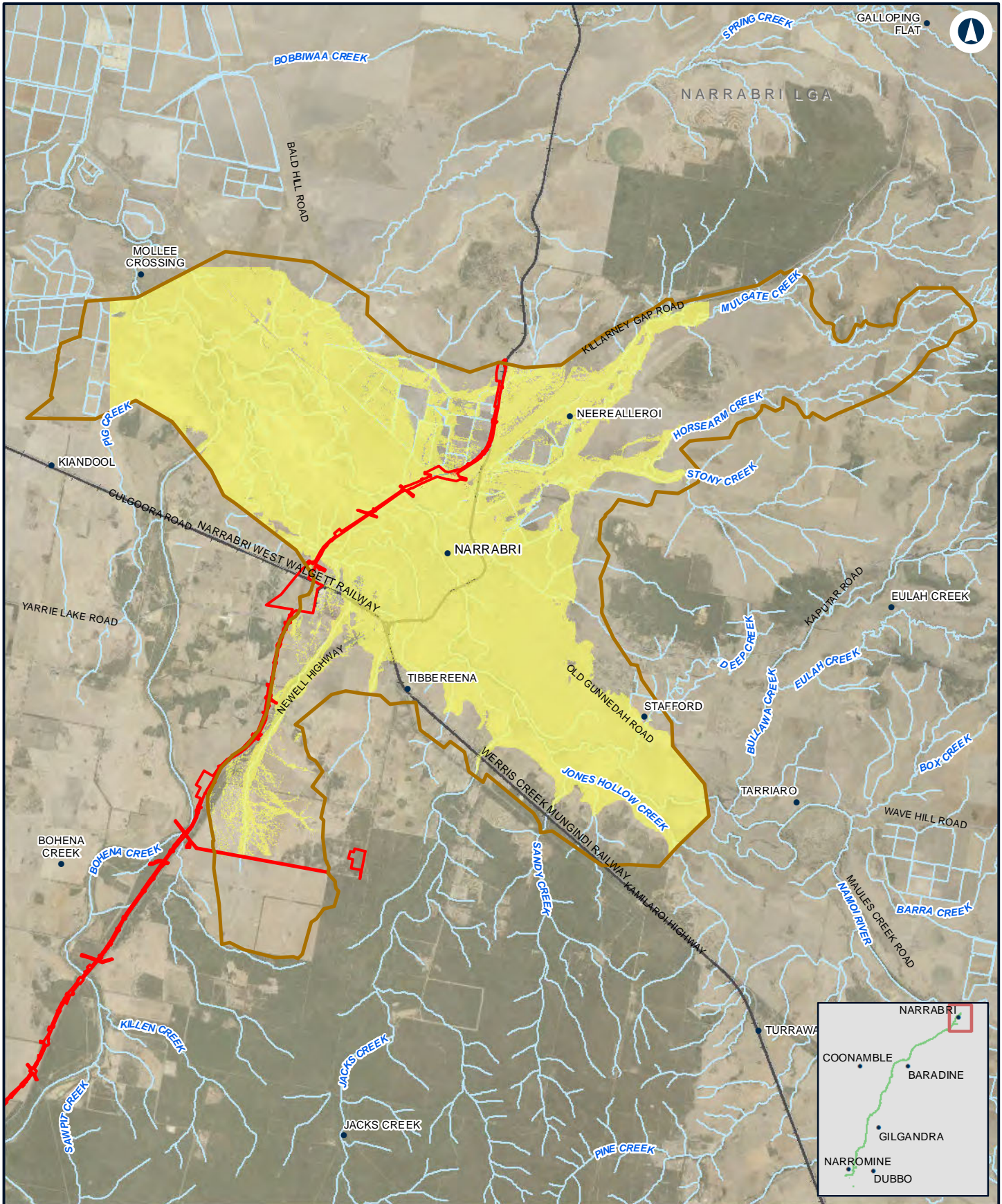
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



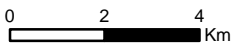
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NARROMINE TO NARRABRI

Change in flood hazard - 0.2% AEP - Narrabri

Appendix G - Figure 4.8n



Coordinate System: GDA 1994 MGA Zone 55
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Date: 5/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:160,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

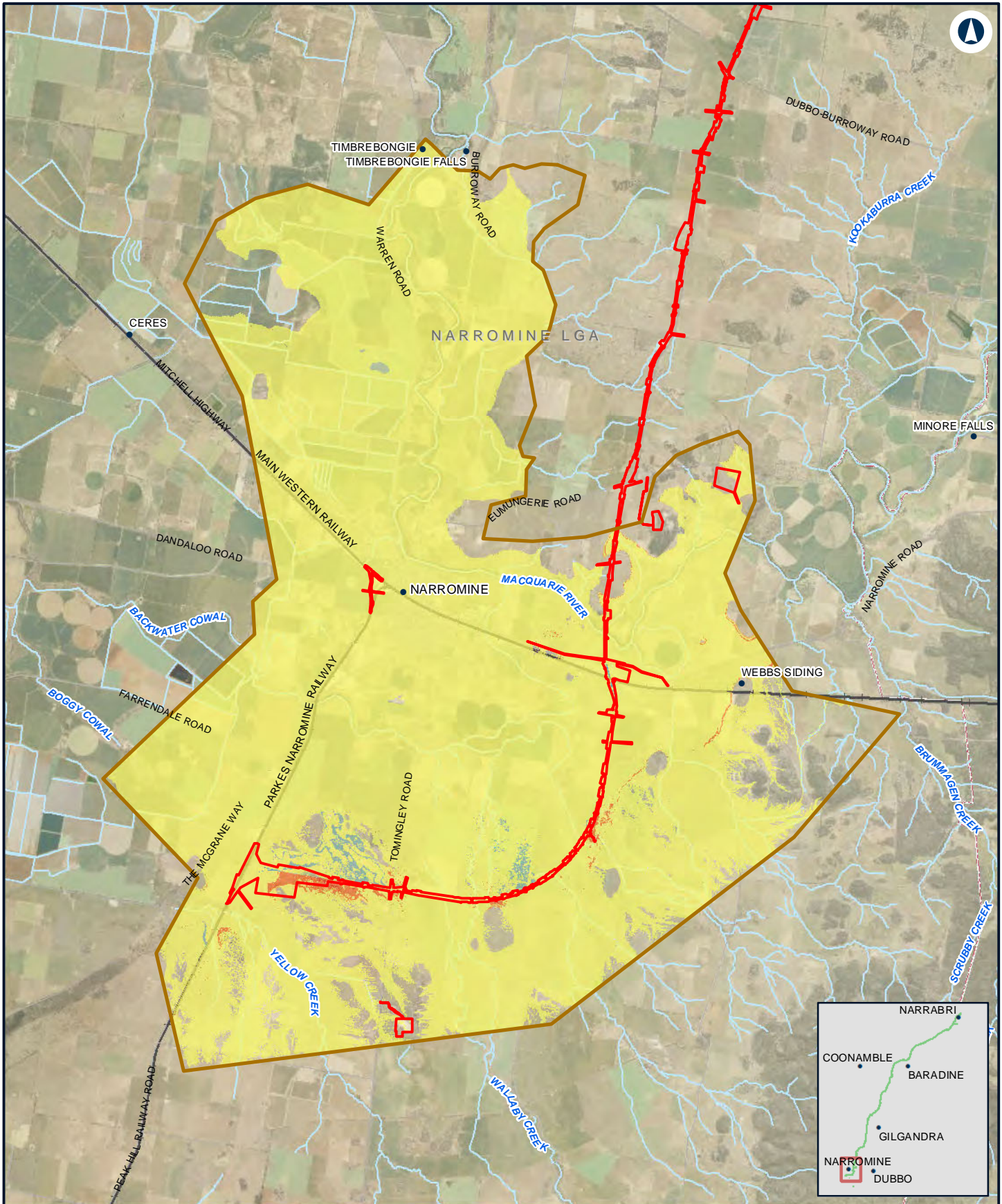
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



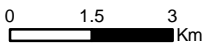
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - NFM

Appendix G - Figure 4.9a



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

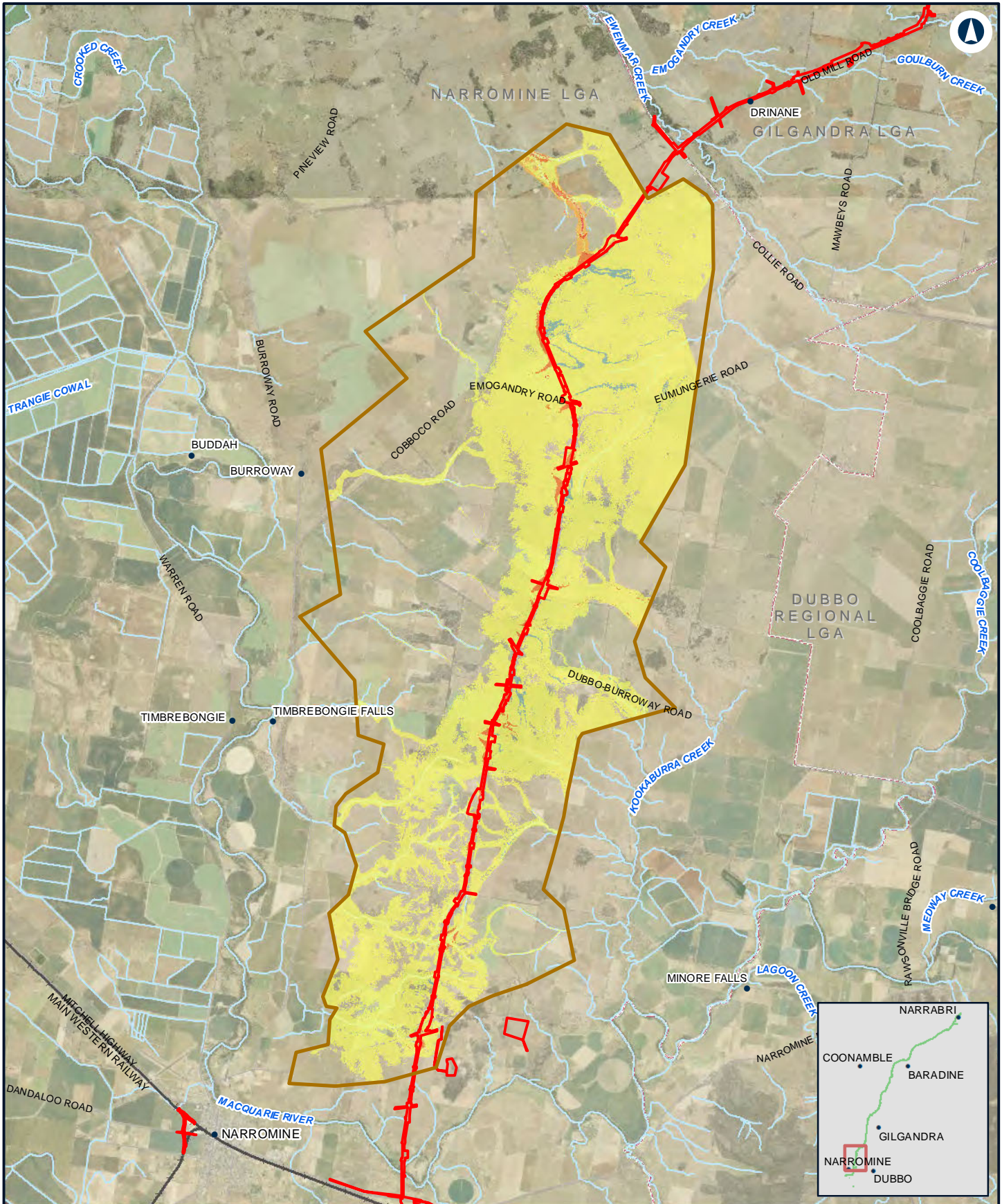
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was high, now low
- Was low, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N14

Appendix G - Figure 4.9b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

LEGEND

- The proposal site
- Model boundary

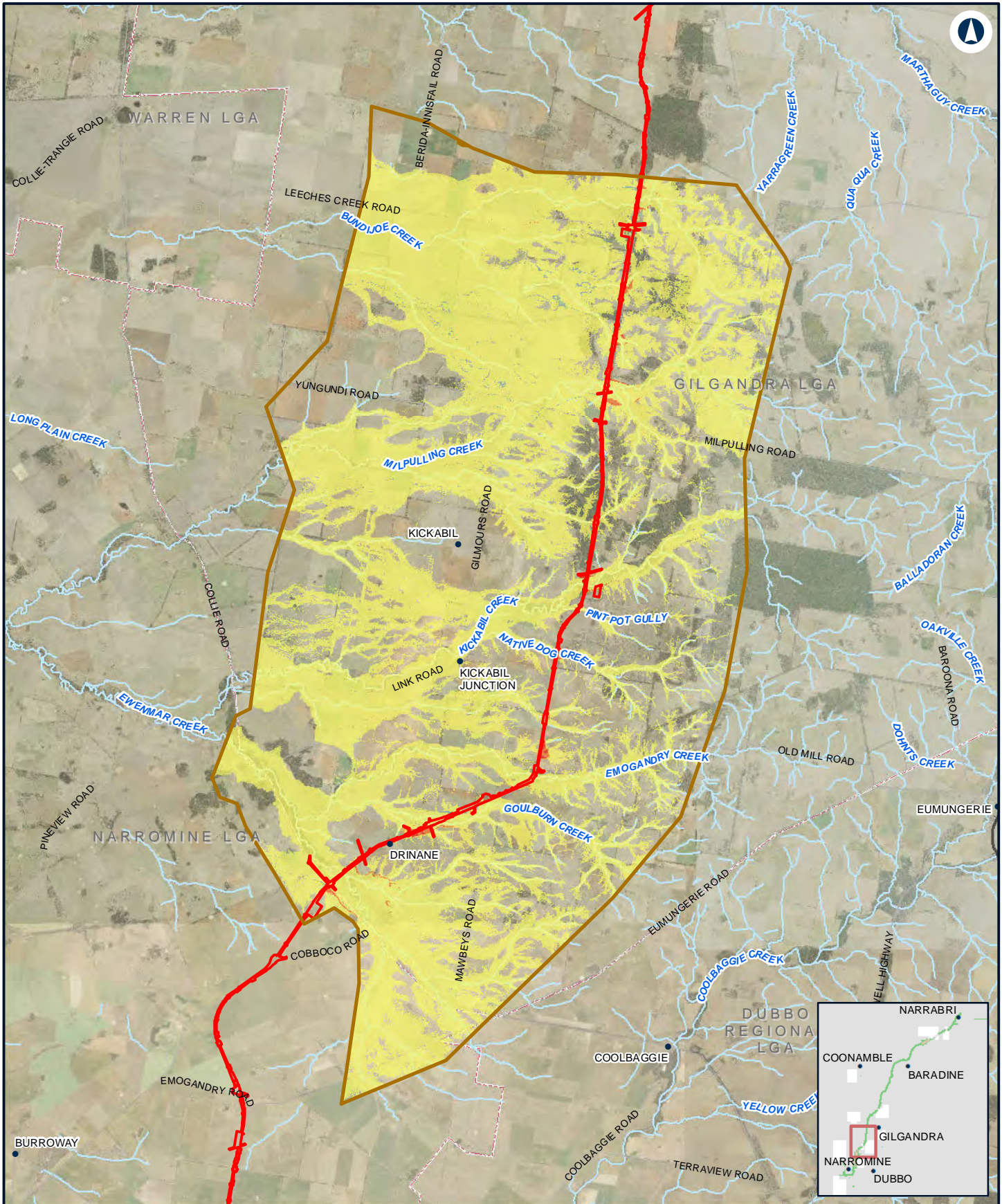
Hazard Change

- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



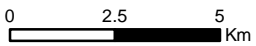
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N13

Appendix G - Figure 4.9c



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:180,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

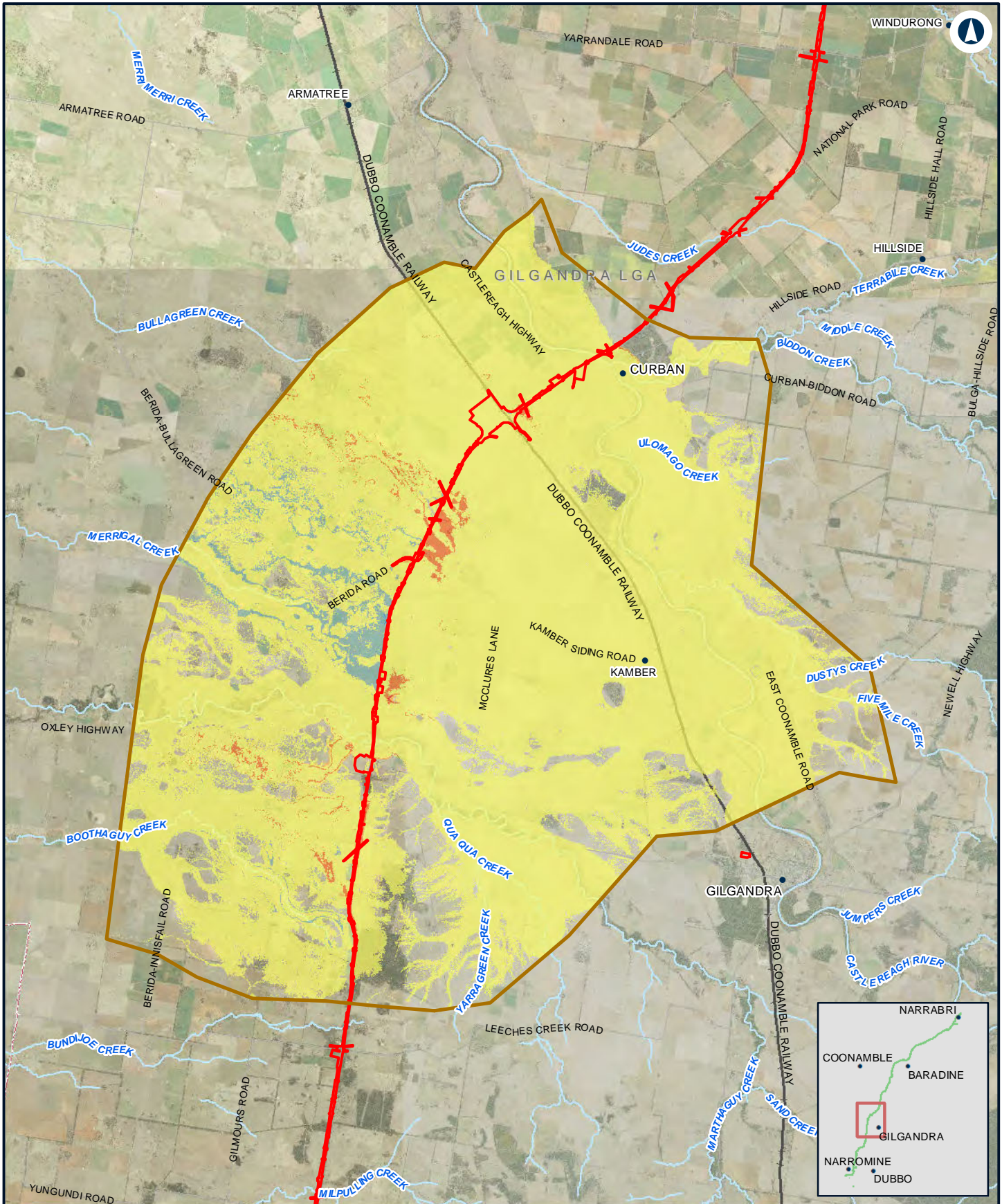
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



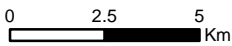
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N11N12

Appendix G - Figure 4.9d



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

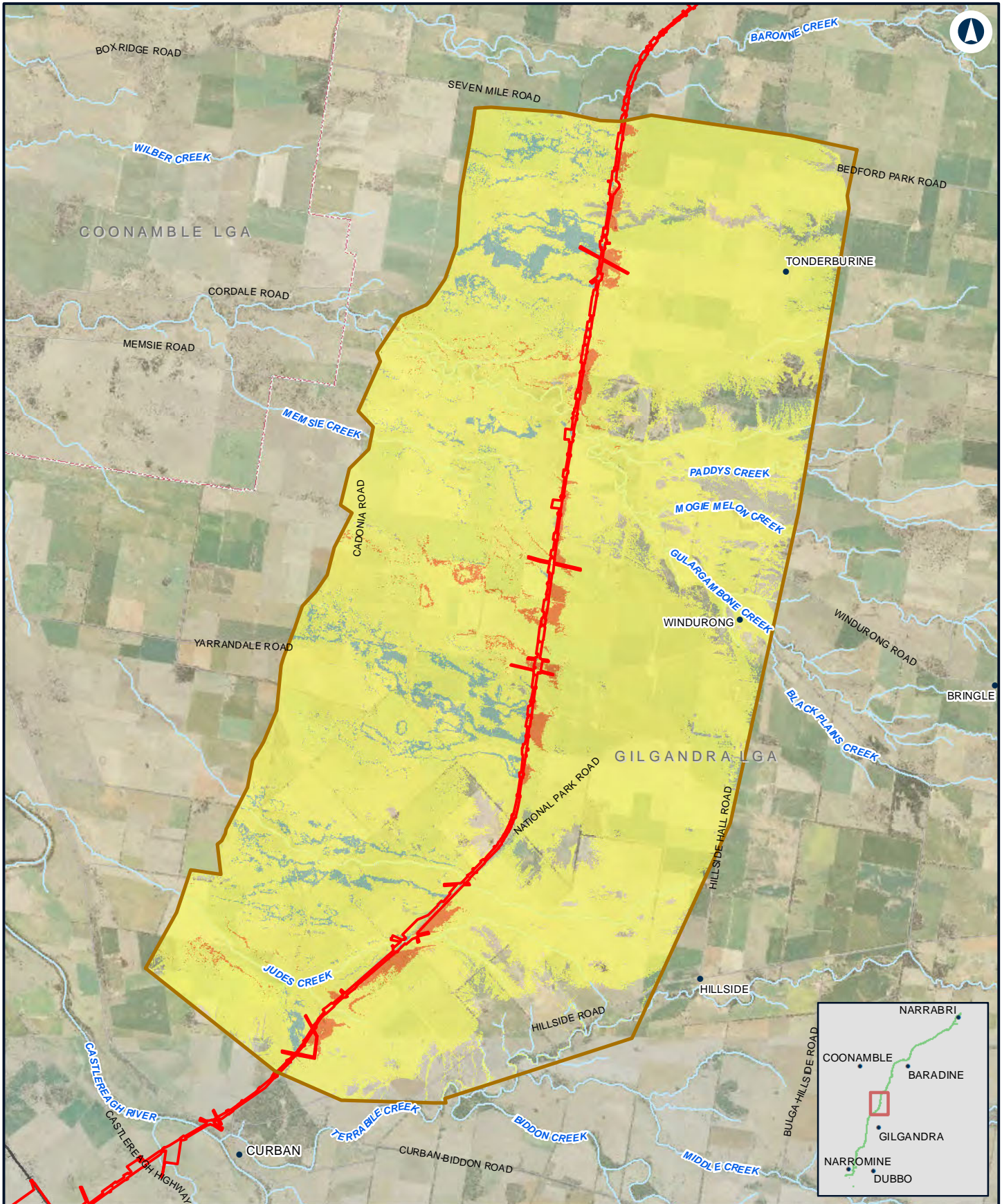
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



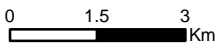
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N10

Appendix G - Figure 4.9e



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

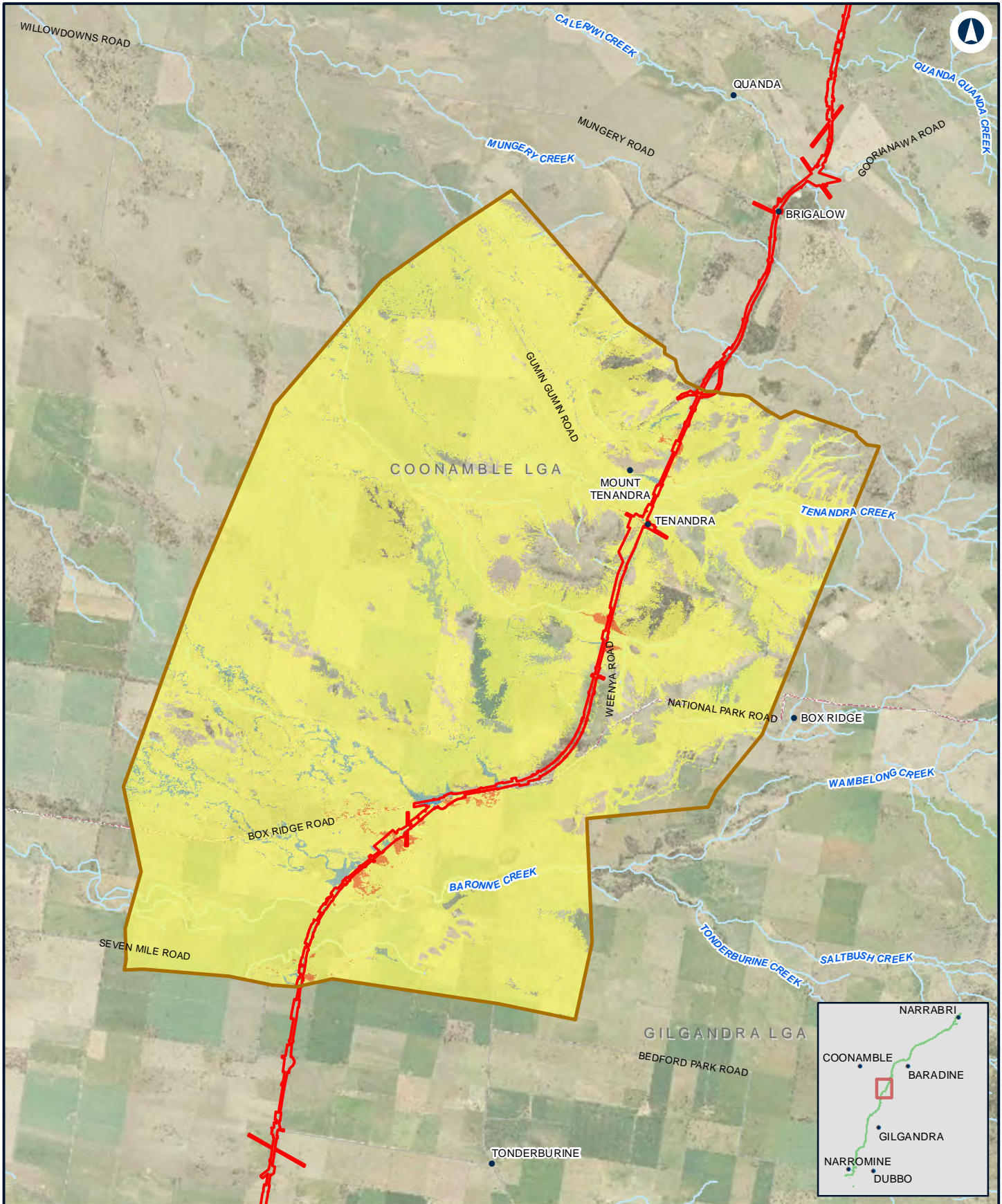
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Was high, now dry
- Was high, now dry
- Was high, now dry
- Unchanged

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



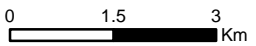
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N9

Appendix G - Figure 4.9f



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:110,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

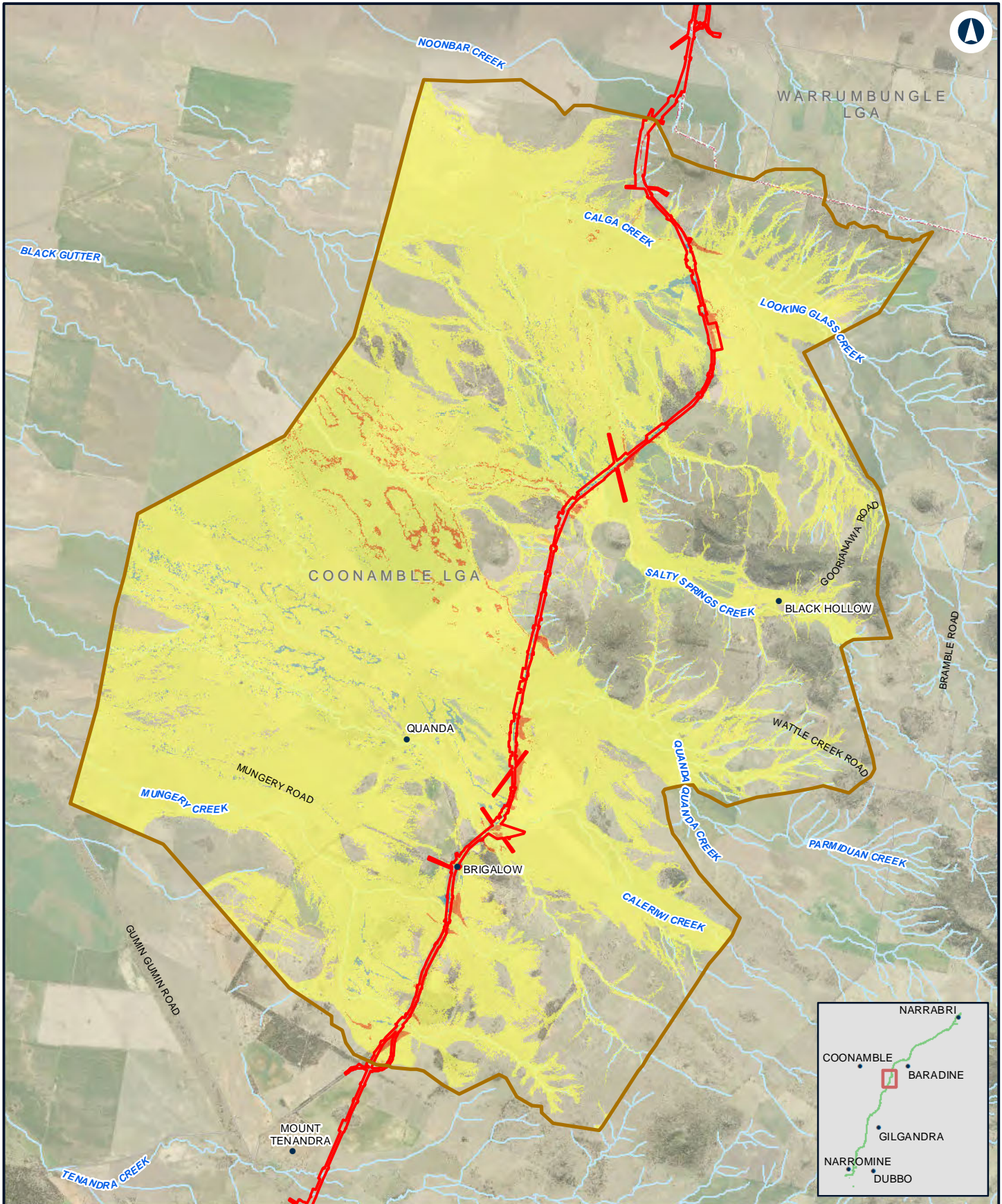
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



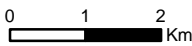
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N8

Appendix G - Figure 4.9g



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:100,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

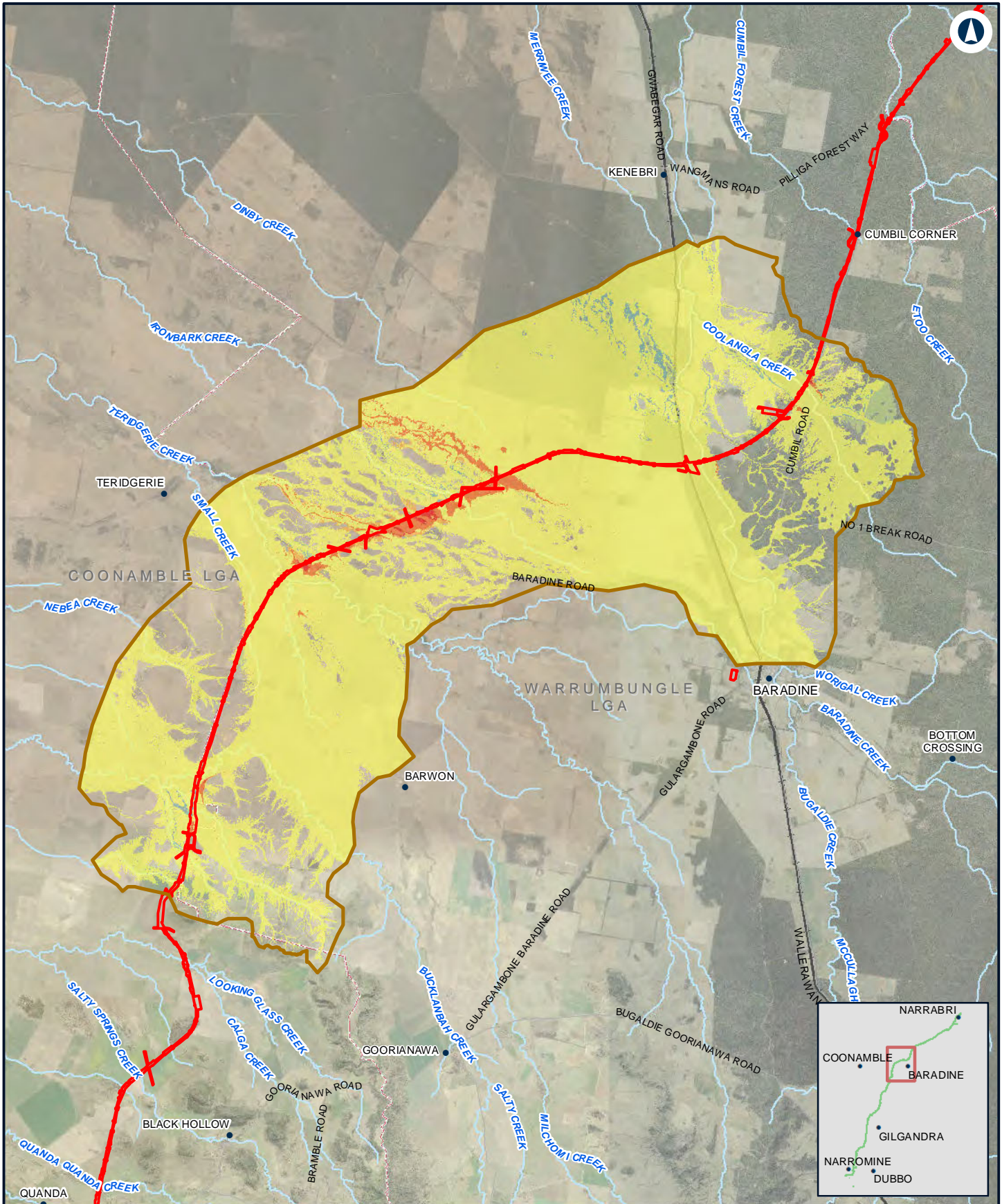
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



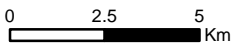
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N7

Appendix G - Figure 4.9h



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:200,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

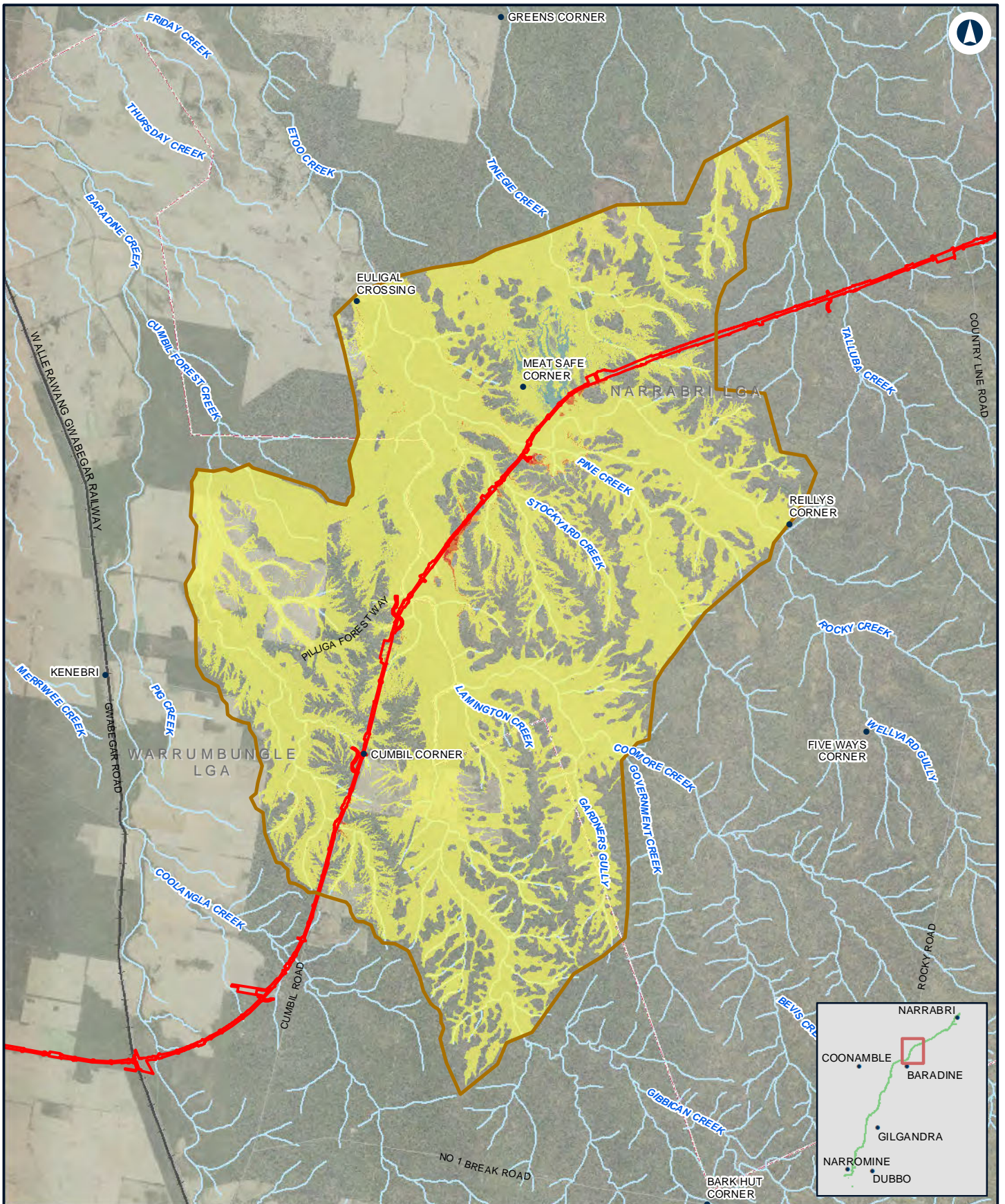
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N6

Appendix G - Figure 4.9i



Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

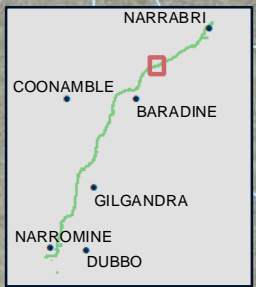
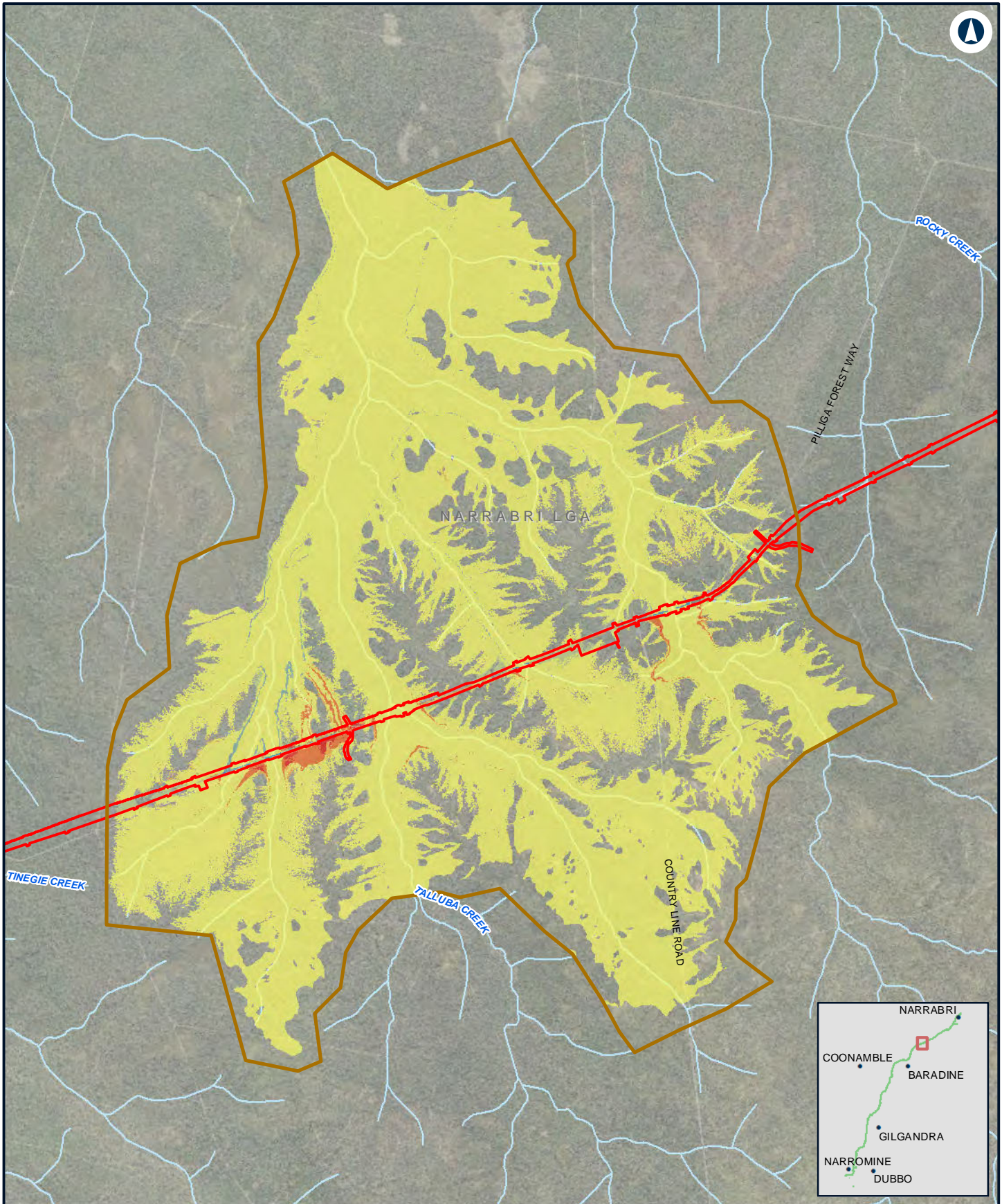
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



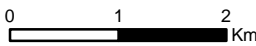
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N5

Appendix G - Figure 4.9j



LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

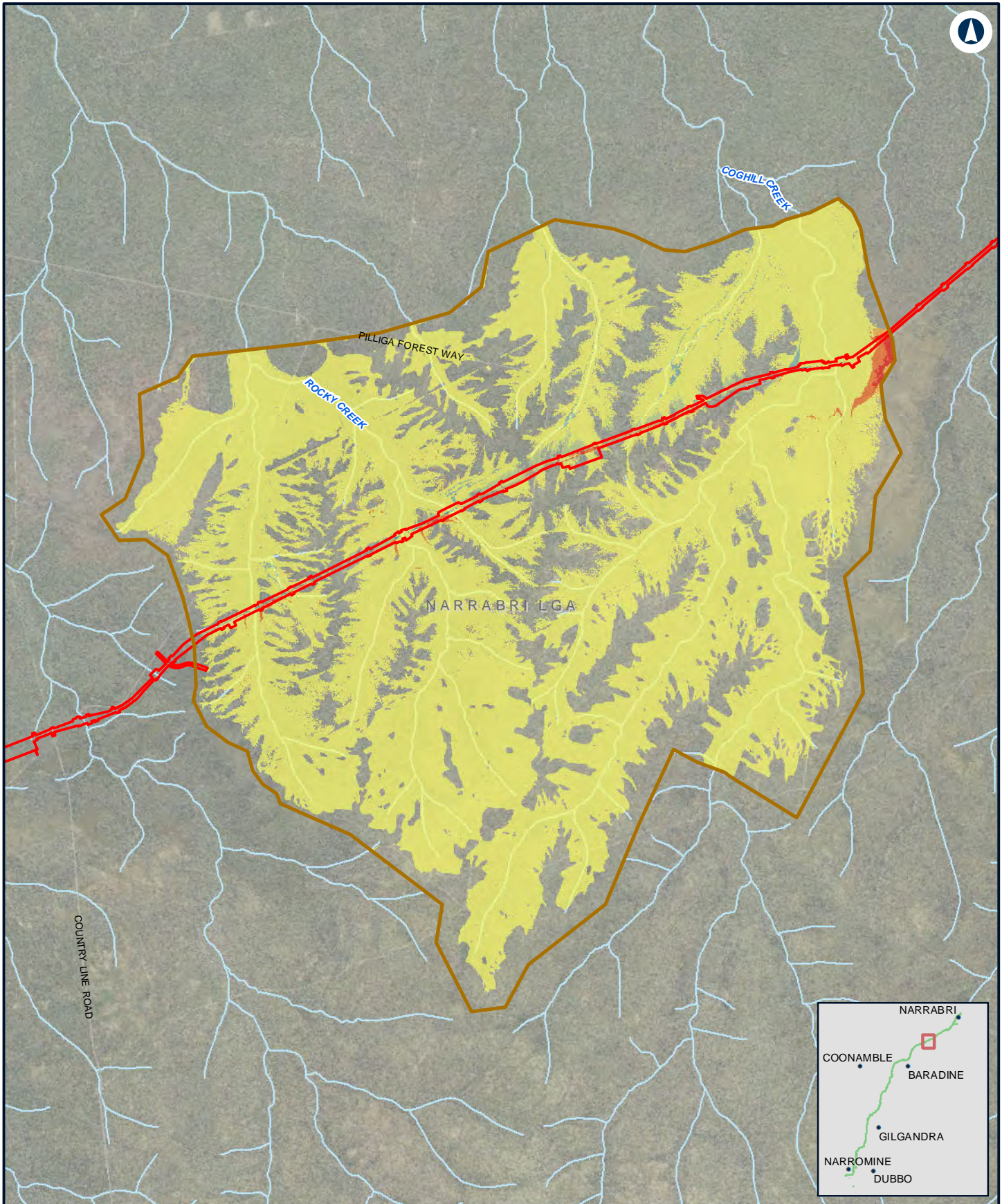
Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:70,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



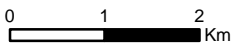
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N4

Appendix G - Figure 4.9k



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:80,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

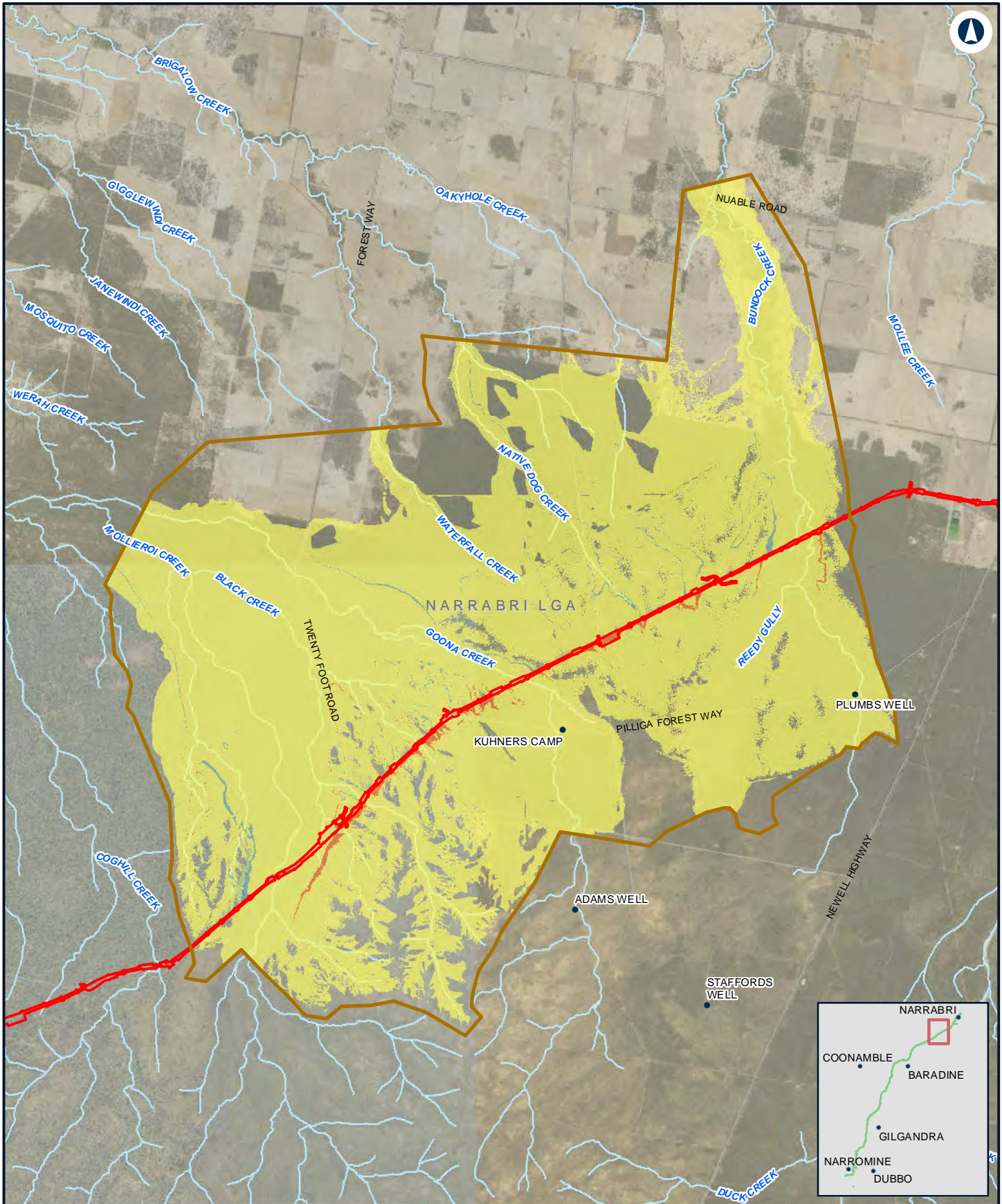
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



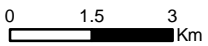
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N23

Appendix G - Figure 4.9I



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:140,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

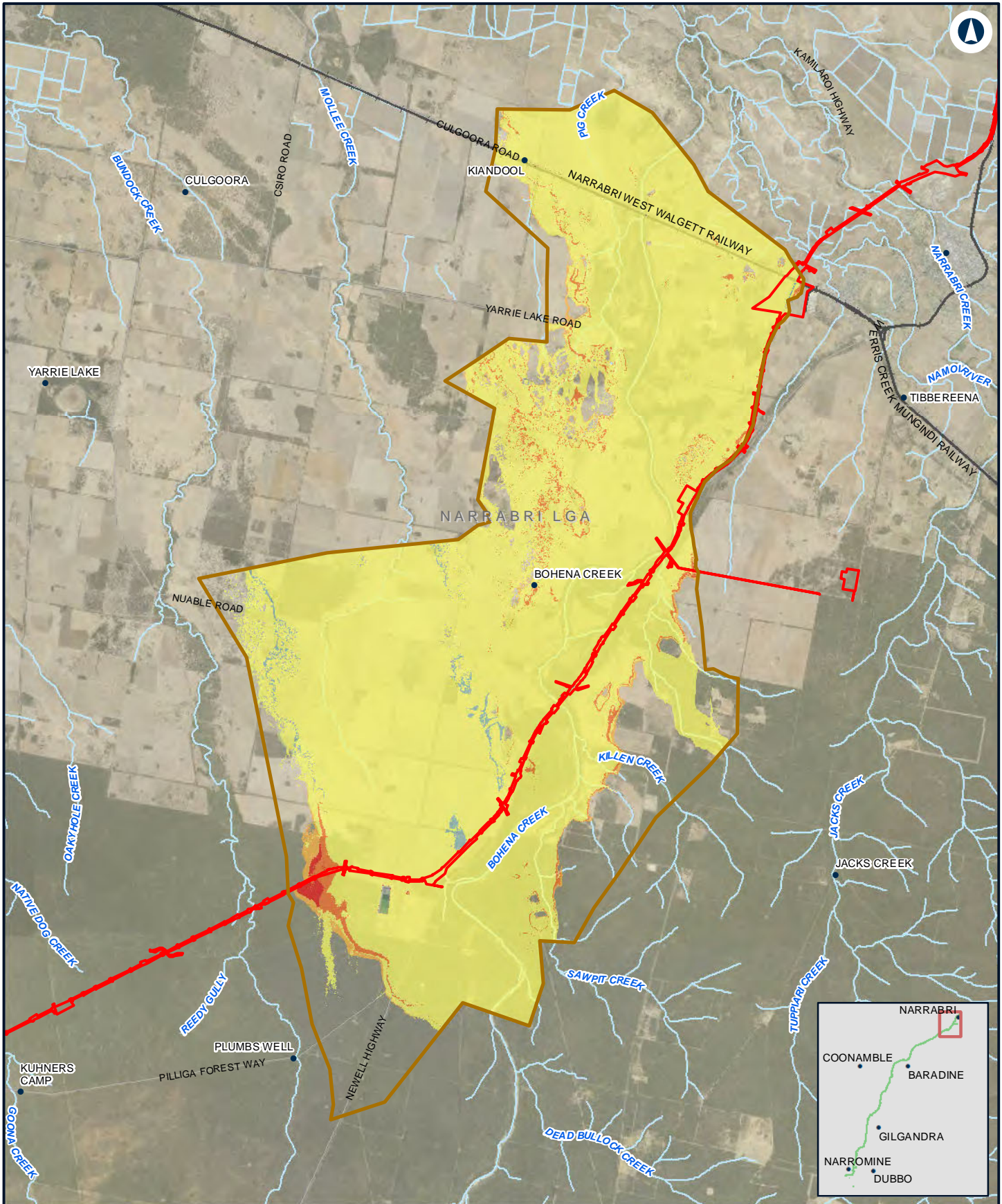
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



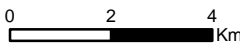
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - N2N1

Appendix G - Figure 4.9m



Coordinate System: GDA 1994 MGA Zone 55
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Date: 10/08/2022 Paper: A4
 Author: JacobsGHD Scale: 1:150,000
 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

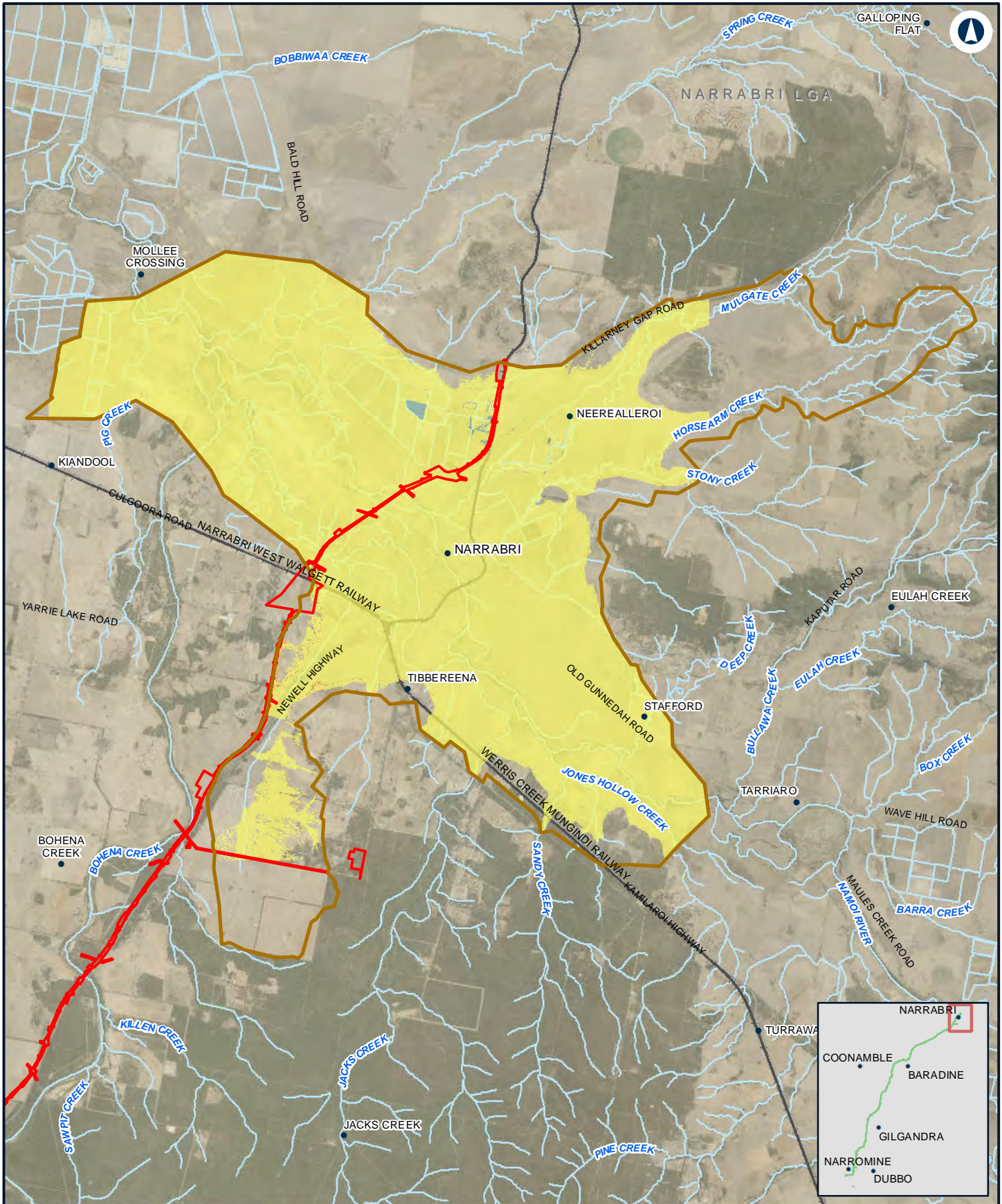
LEGEND

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



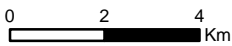
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NARROMINE TO NARRABRI

Change in flood hazard - PMF - Narrabri

Appendix G - Figure 4.9n



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

- The proposal site
- Model boundary
- Hazard Change**
- Was dry, now high
- Was low, now high
- Was dry, now low
- Unchanged
- Was low, now dry
- Was high, now low
- Was high, now dry

Low hazard includes hazard categories 1 and 2.
 High hazard includes hazard categories 3, 4, 5 and 6.



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