

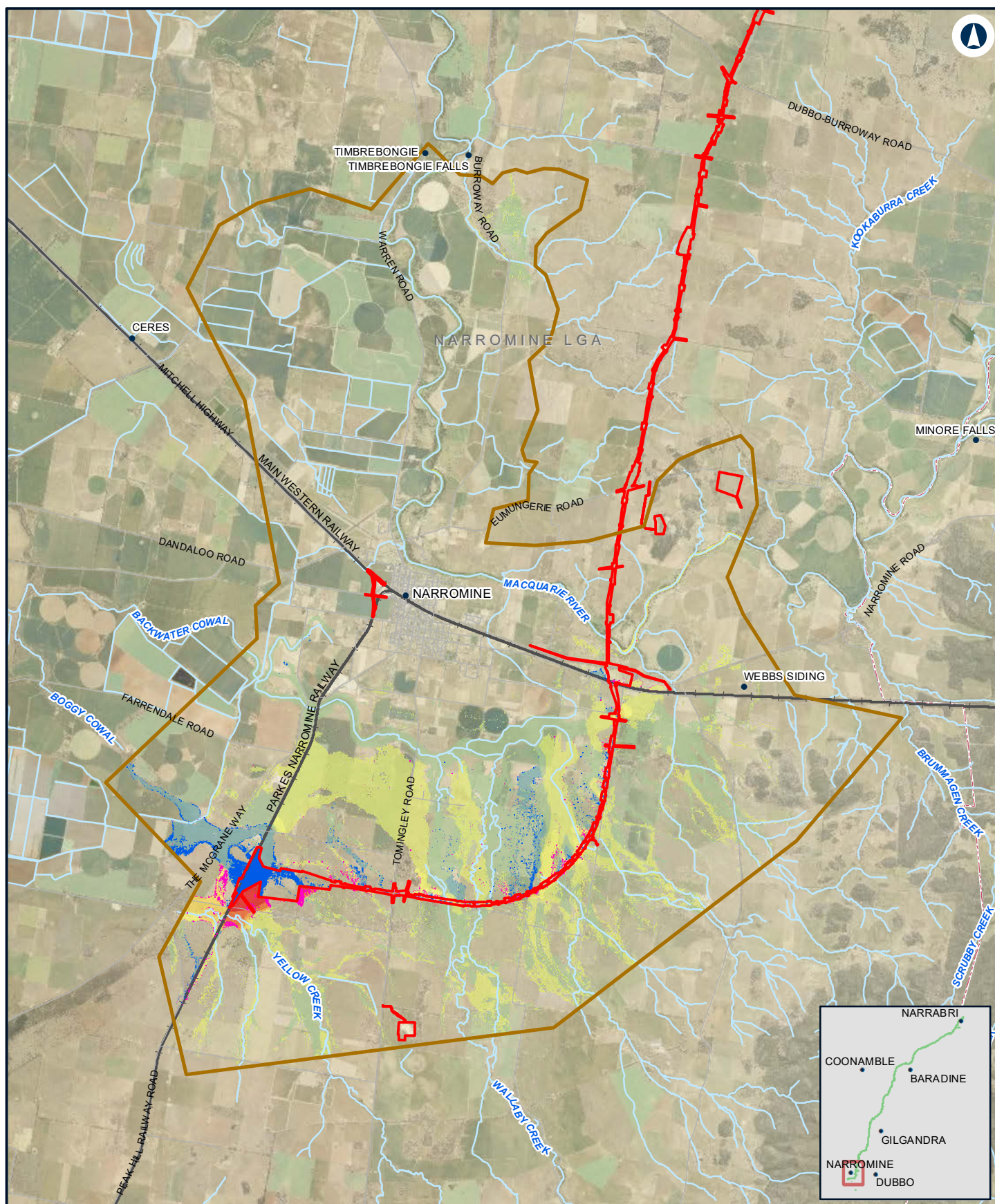
# TECHNICAL REPORT 03

Updated flooding and hydrology assessment

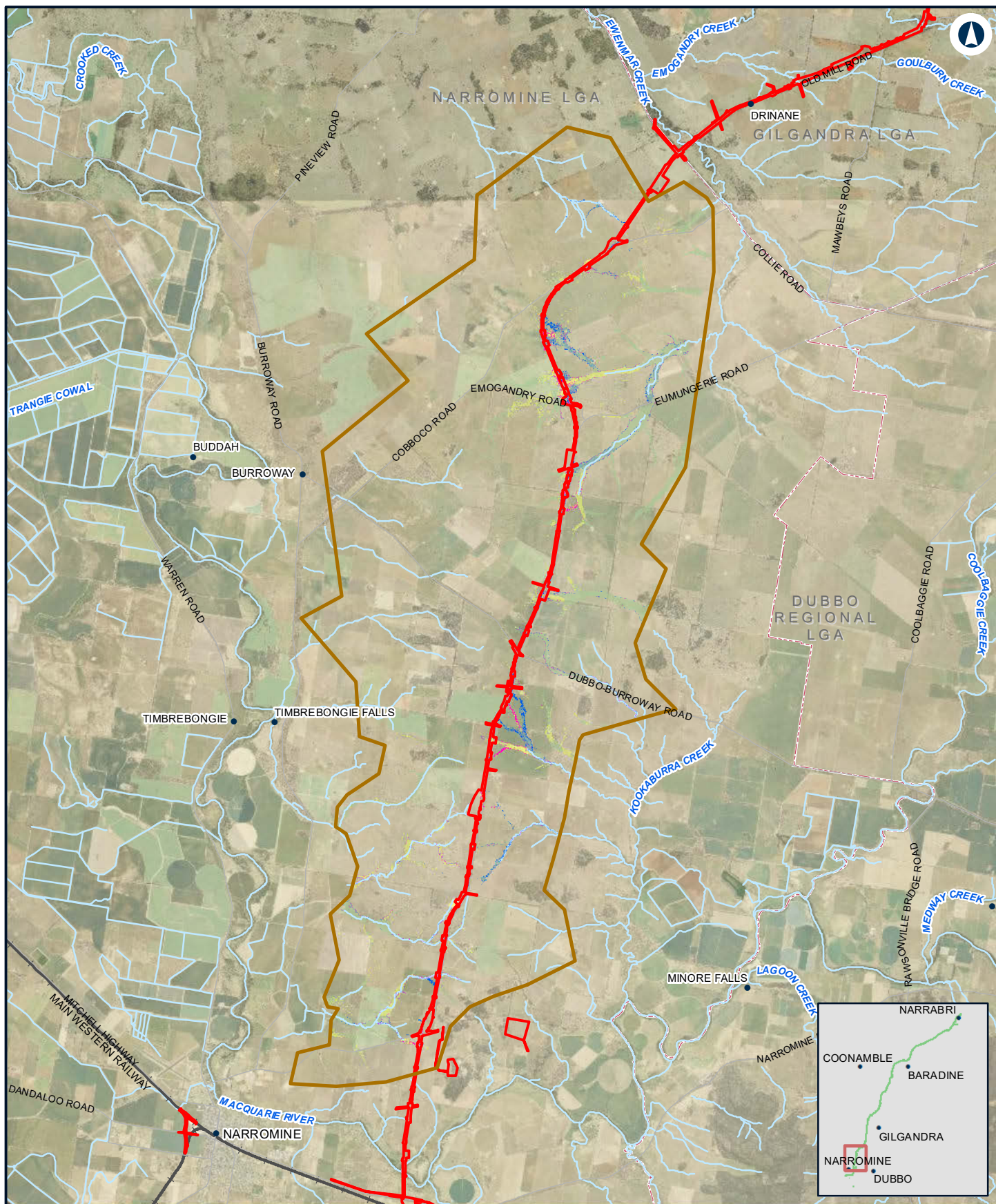
## **Appendix F** Construction phase—afflux

NARROMINE TO NARRABRI PROJECT









## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N14

Appendix F - Figure 1b

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
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

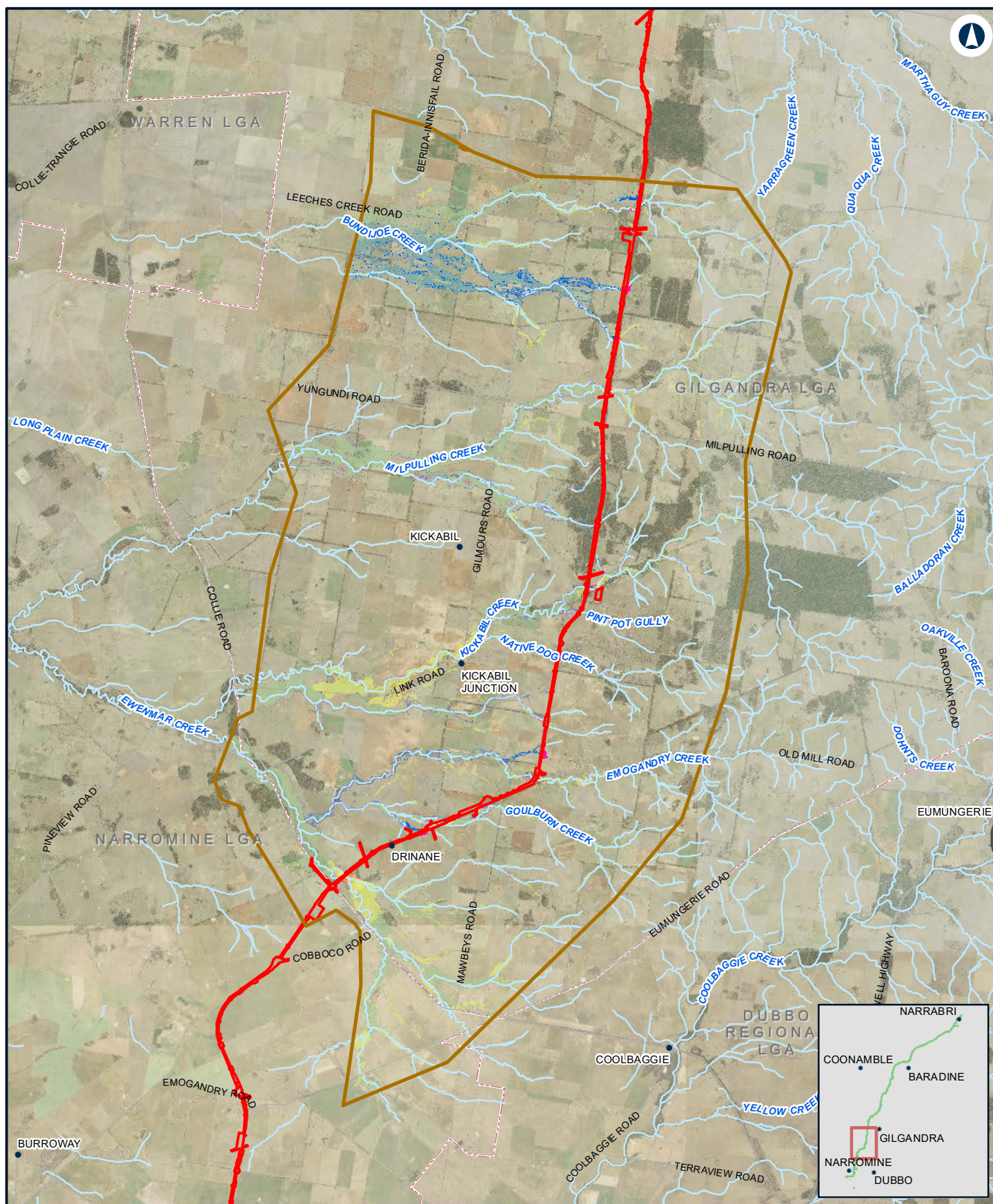
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:180,000

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

#### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

#### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

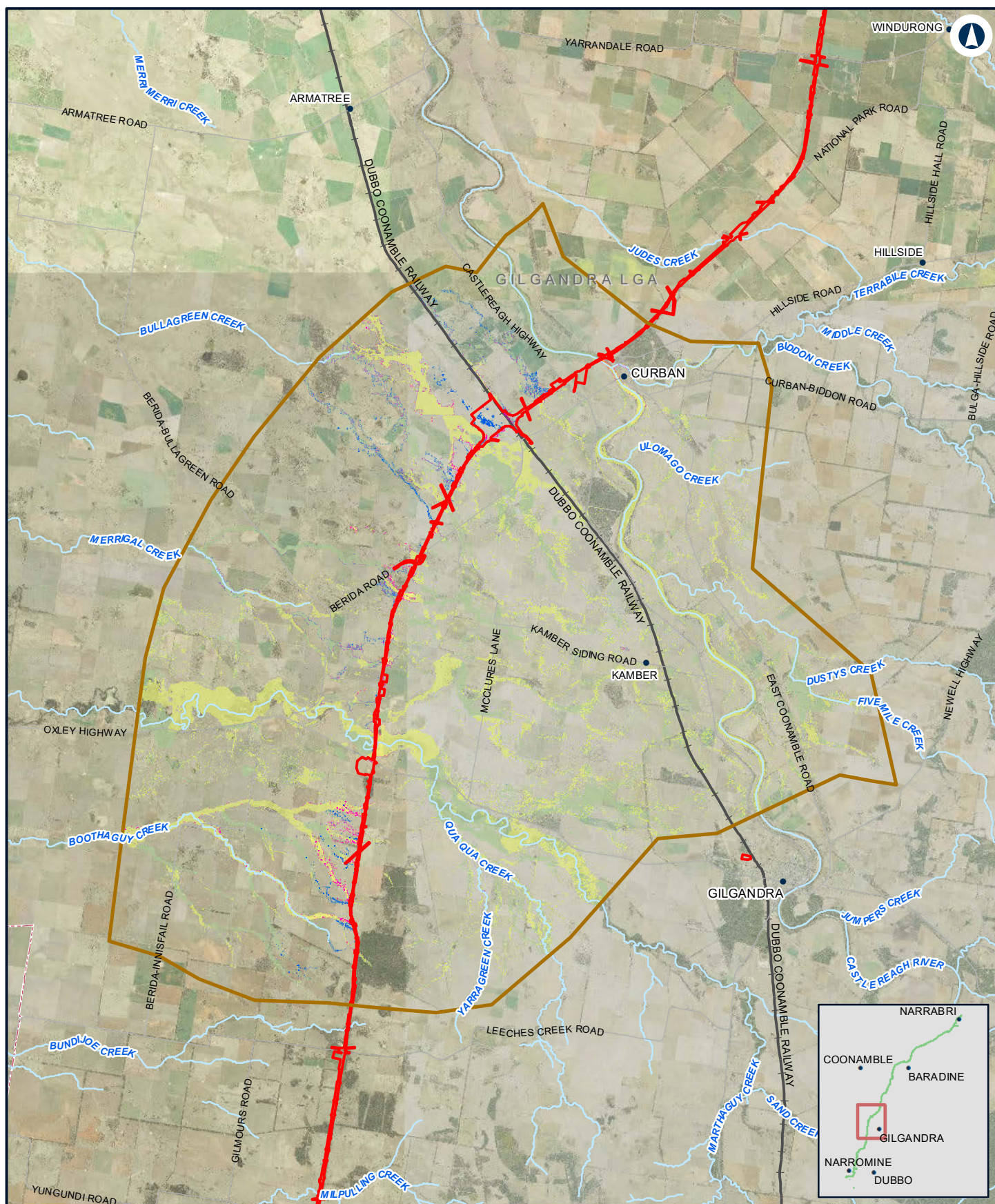
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N11N12

Appendix F - Figure 1d

0 2.5 5  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:200,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

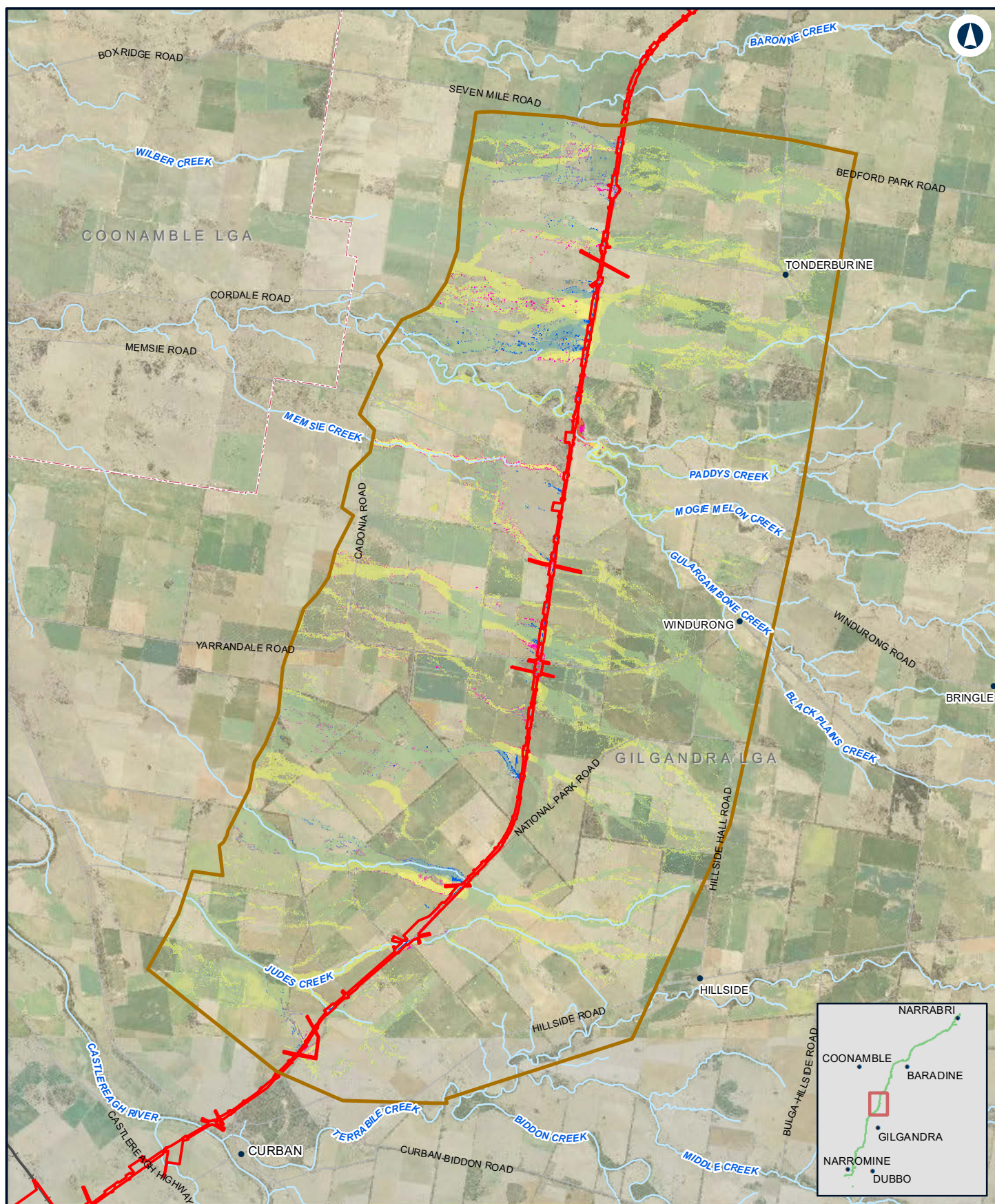
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N10

Appendix F - Figure 1e

0 1.5 3  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:130,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

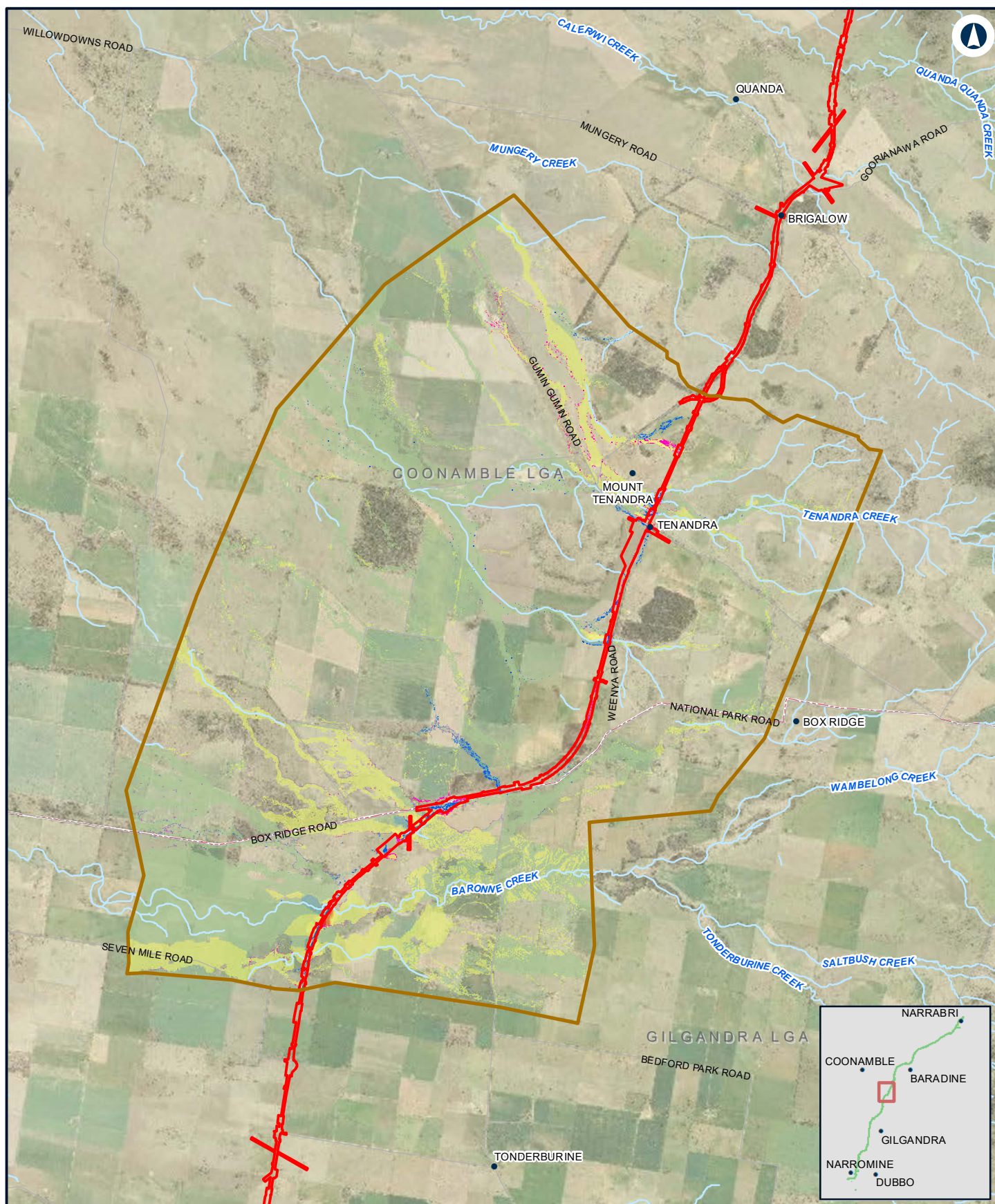
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N9

Appendix F - Figure 1f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:110,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

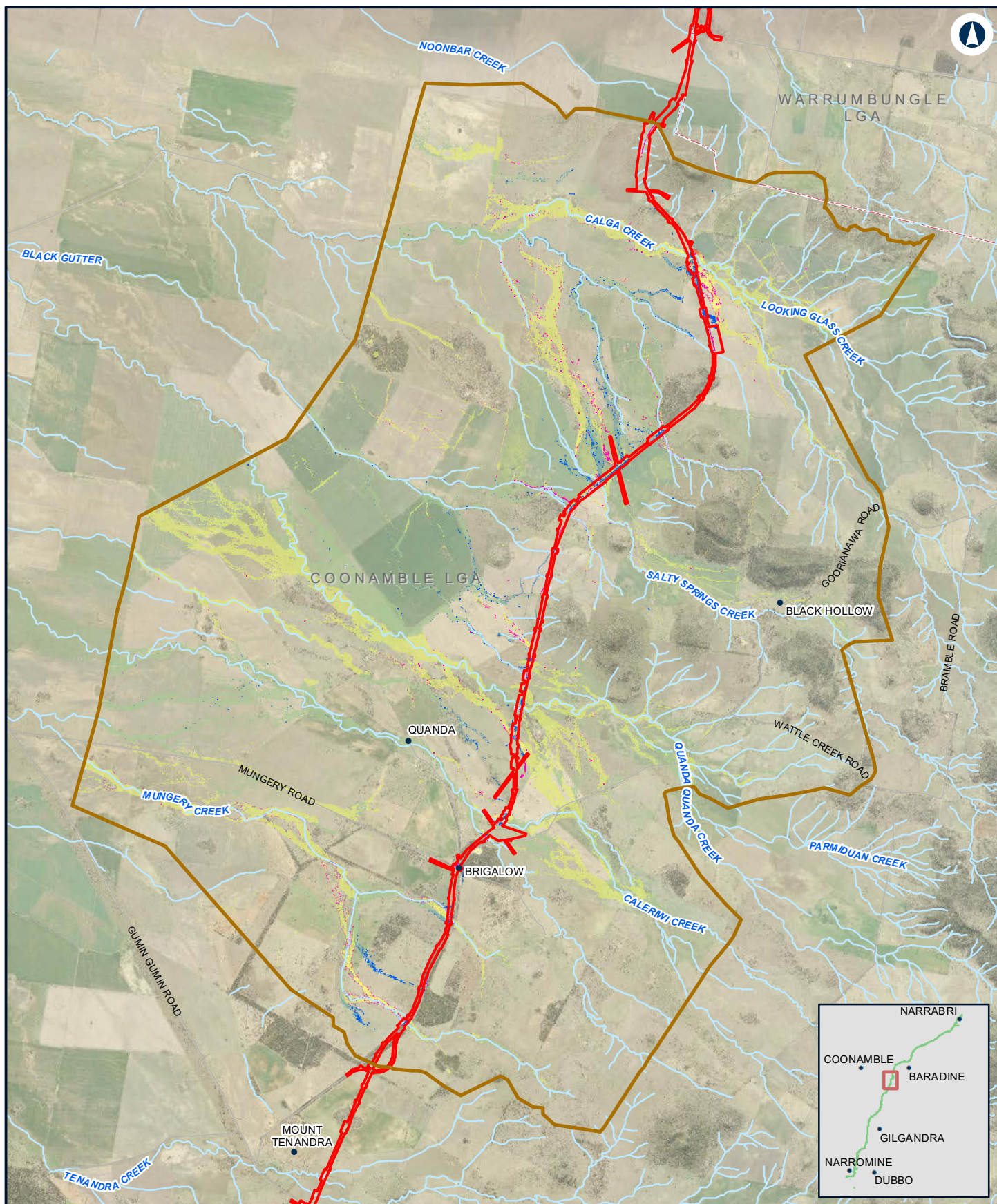
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N8

Appendix F - Figure 1g

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:100,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

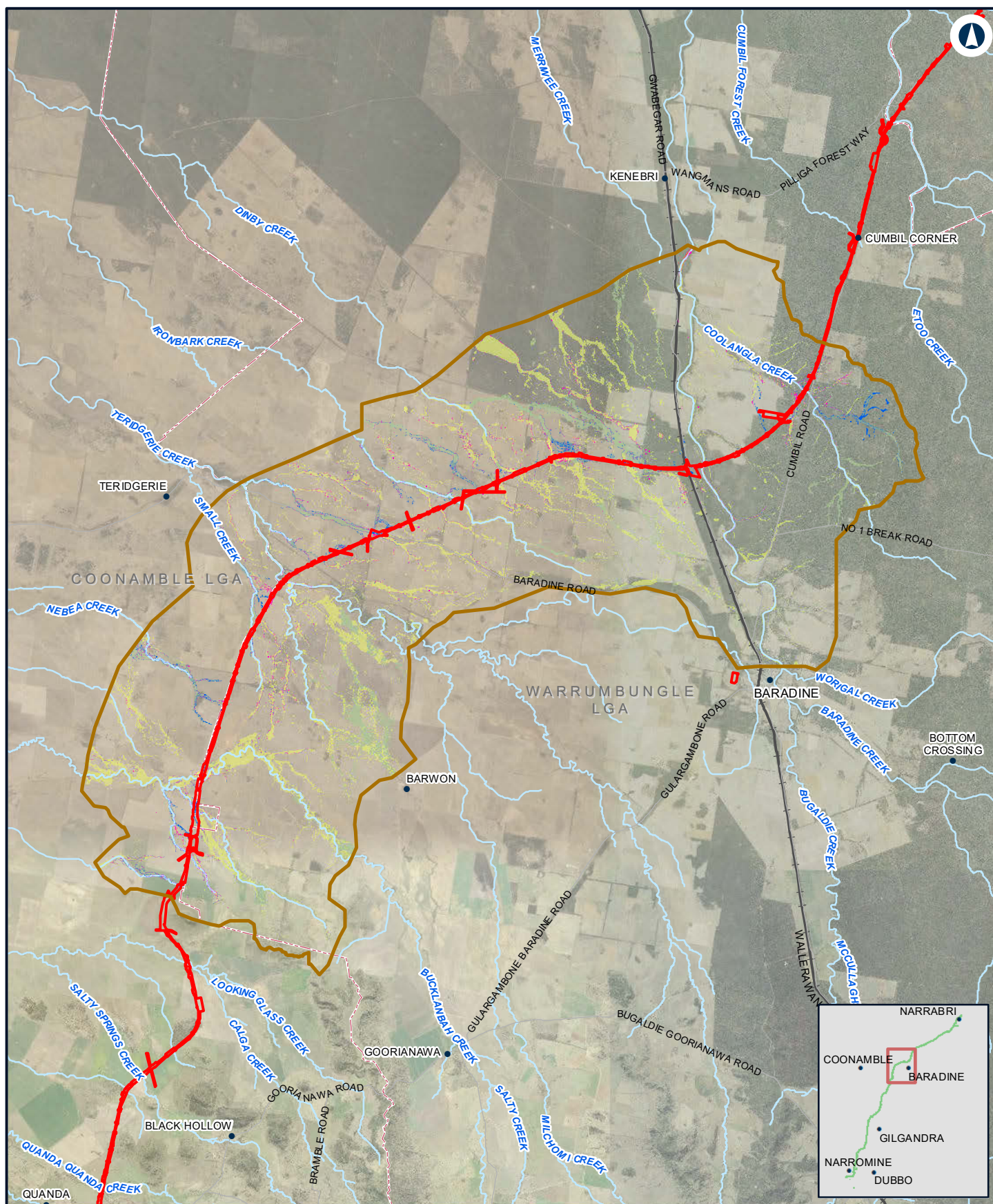
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N7

Appendix F - Figure 1h

0 2.5 5  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:200,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

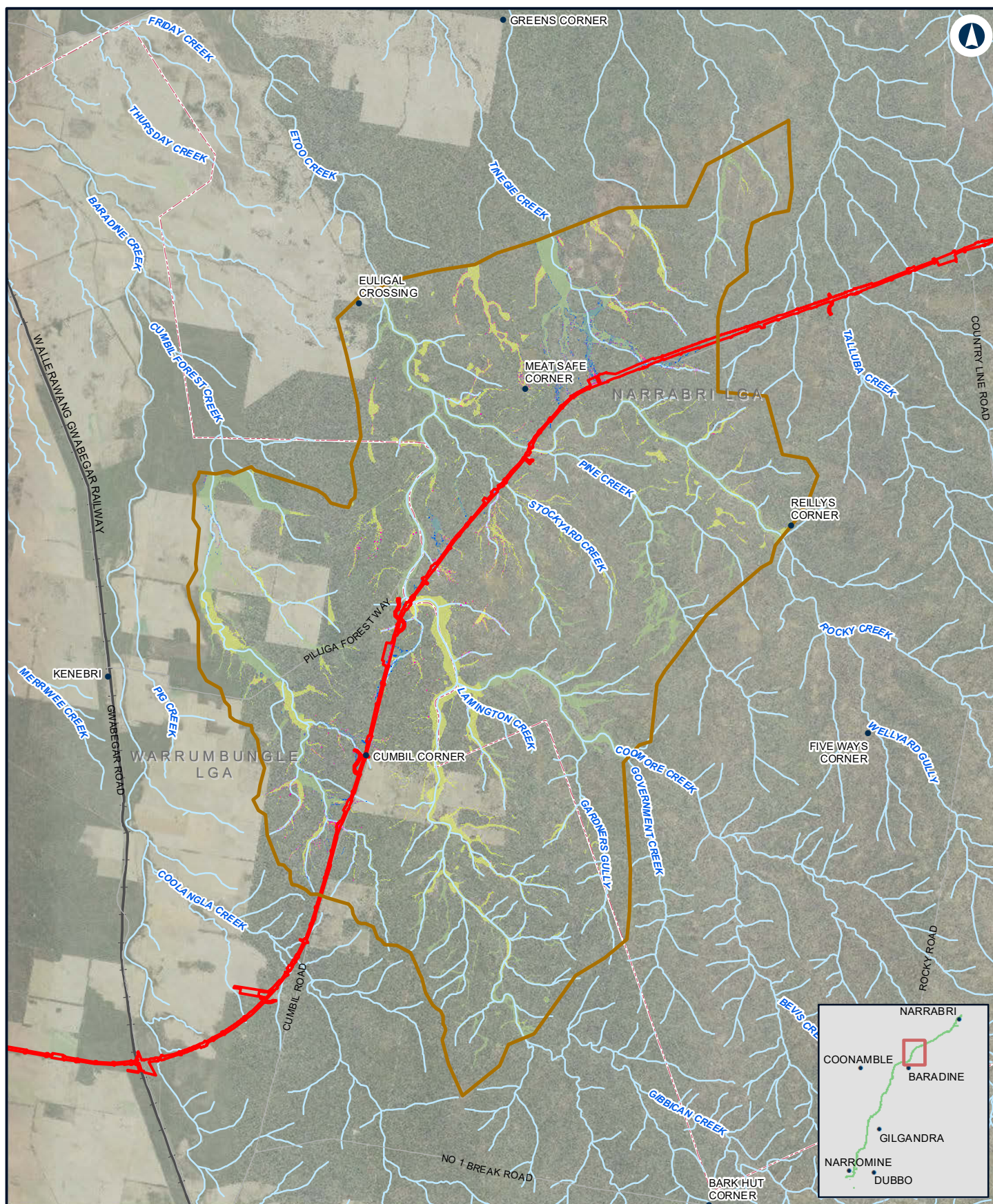
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N6

Appendix F - Figure 1i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:150,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

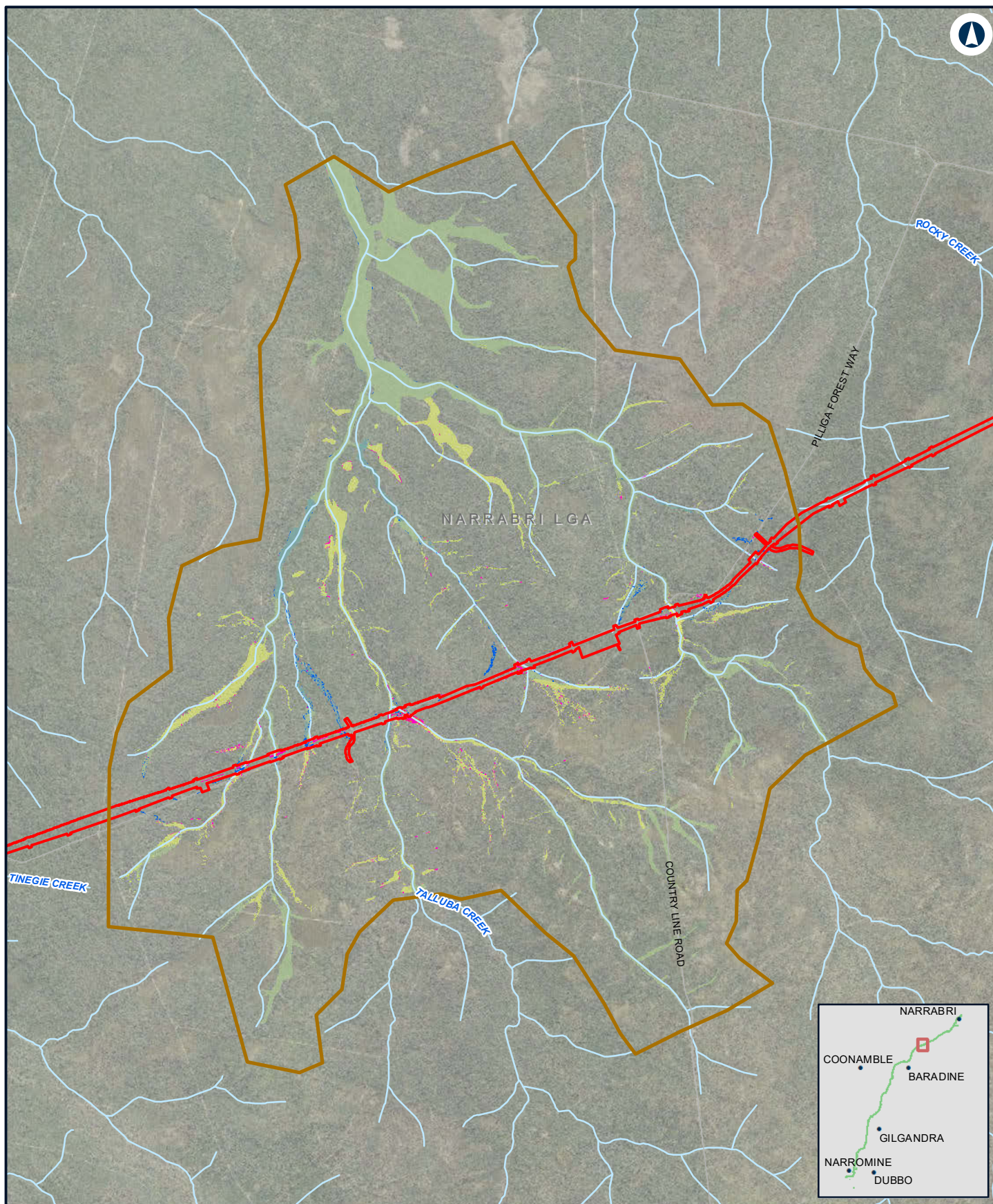
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N5

Appendix F - Figure 1j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:70,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

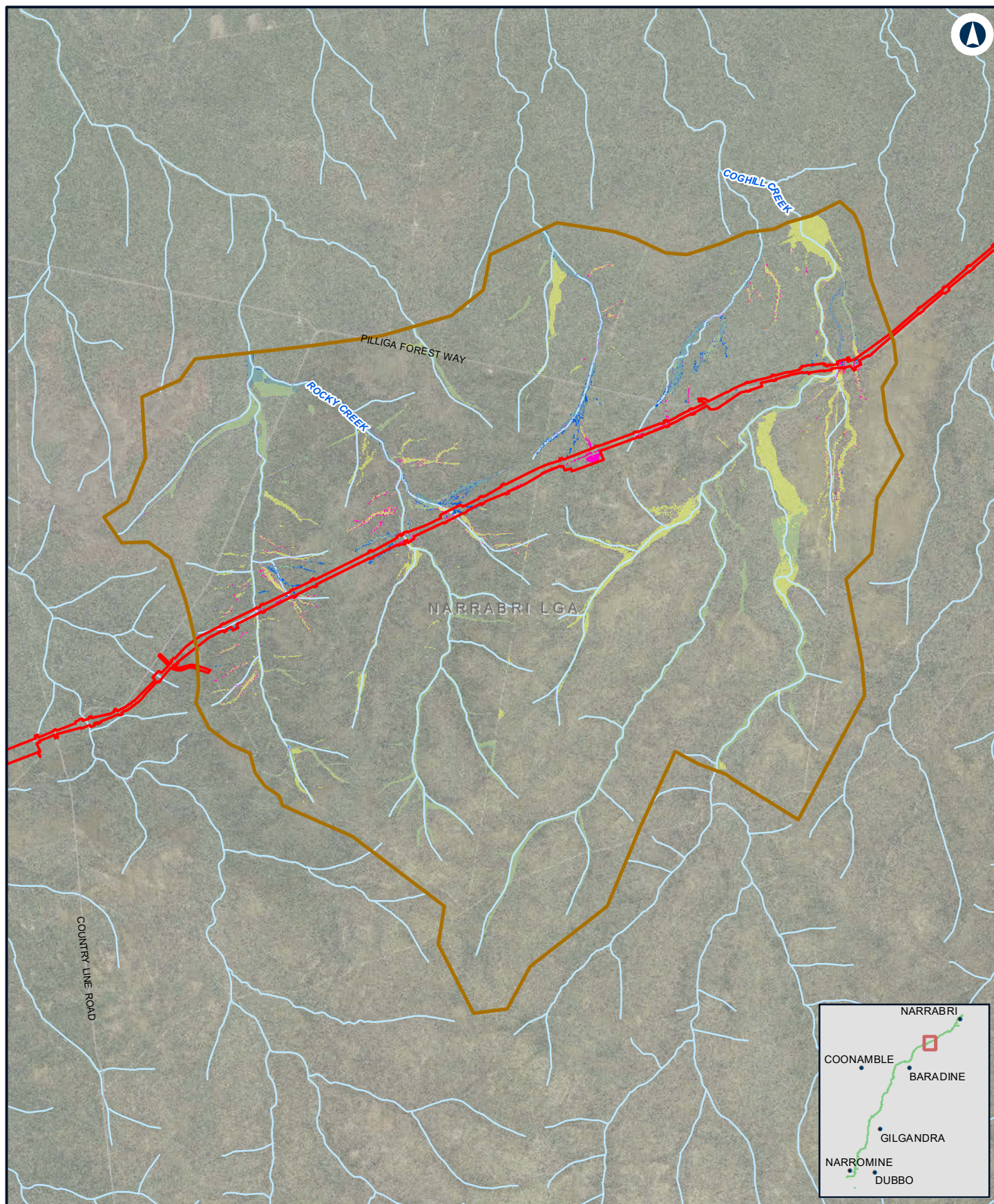
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N4

Appendix F - Figure 1k

0 1 2  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:80,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

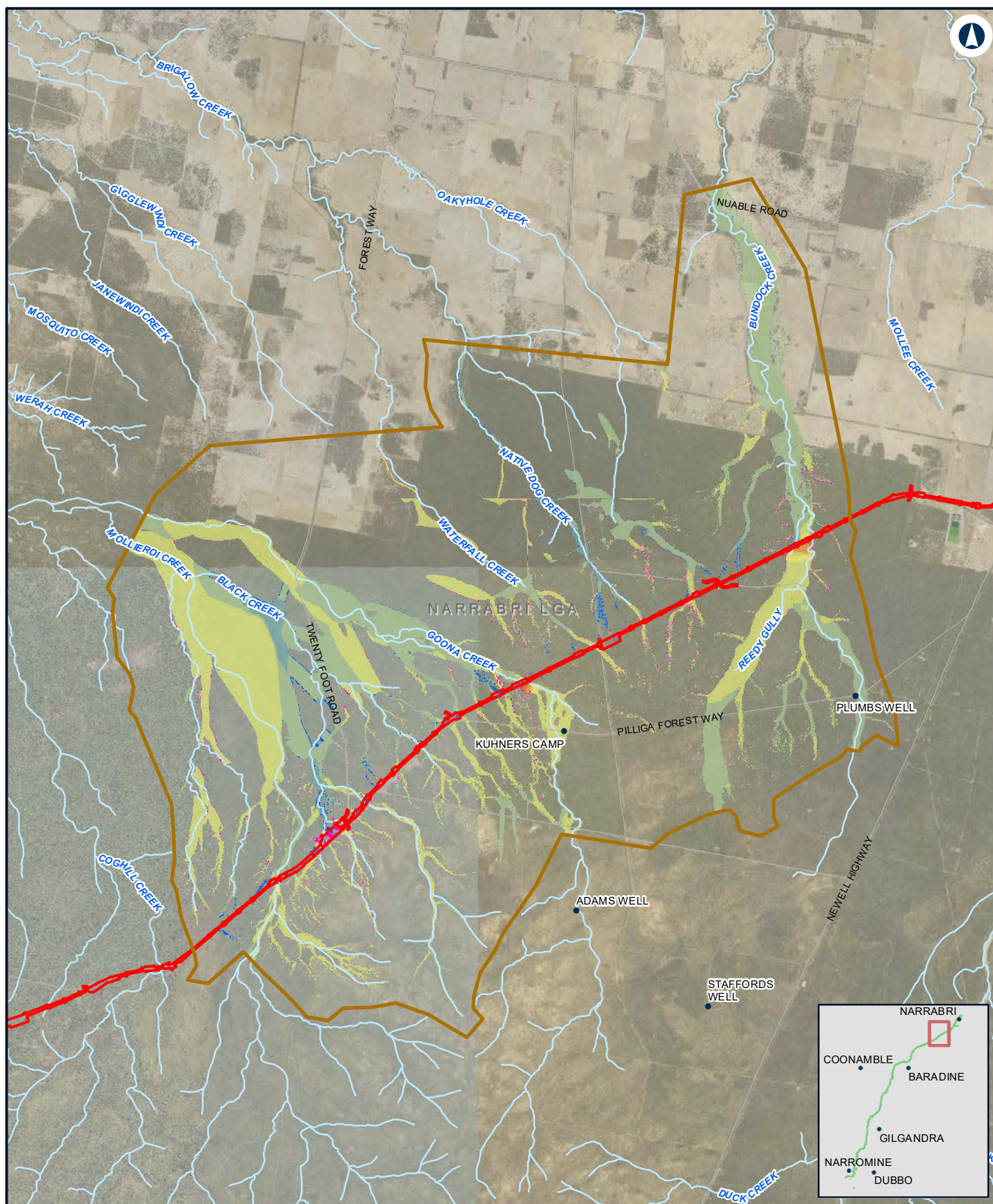
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 20% AEP - N2N23

Appendix F - Figure 11

0 1.5 3  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:140,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

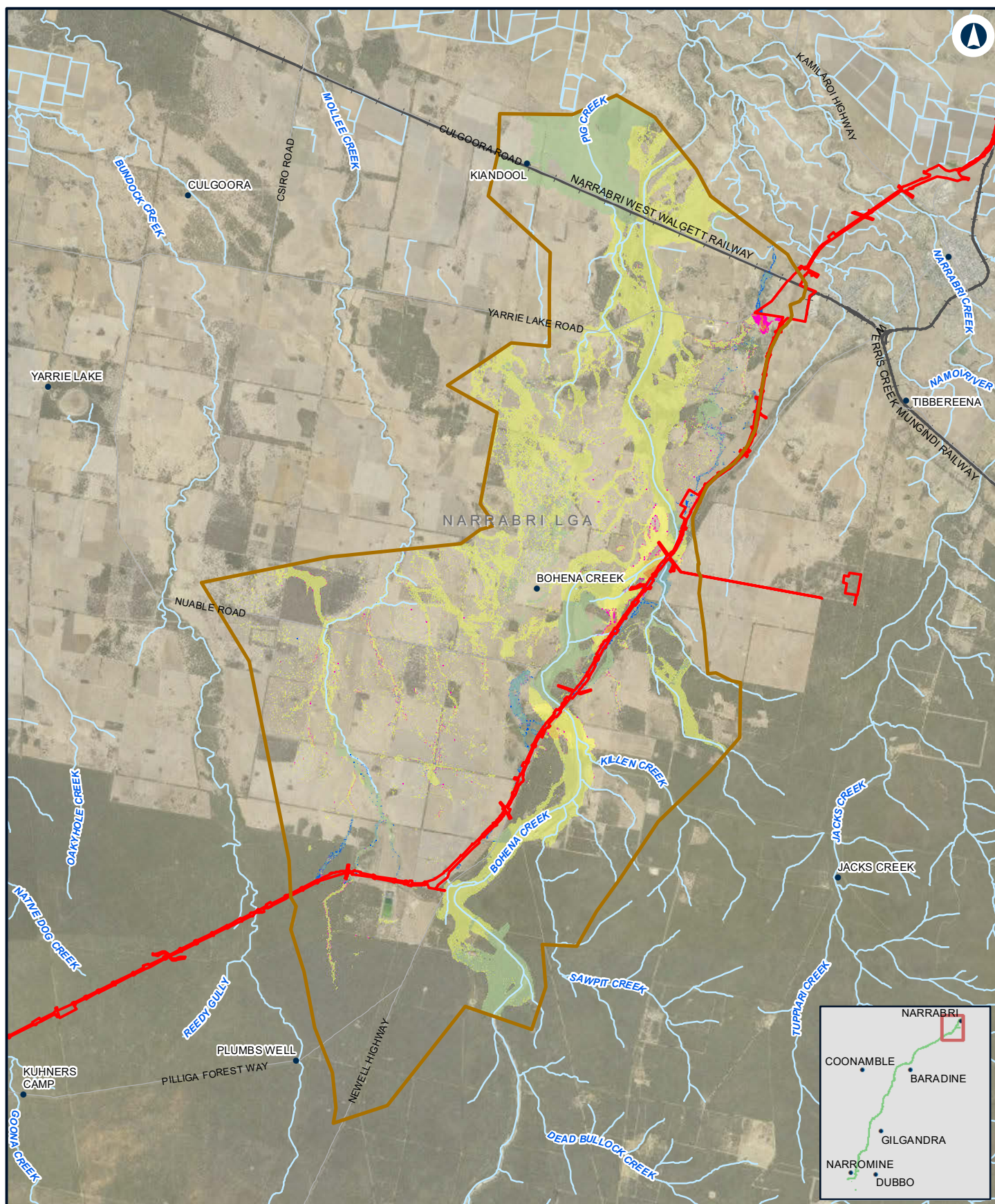
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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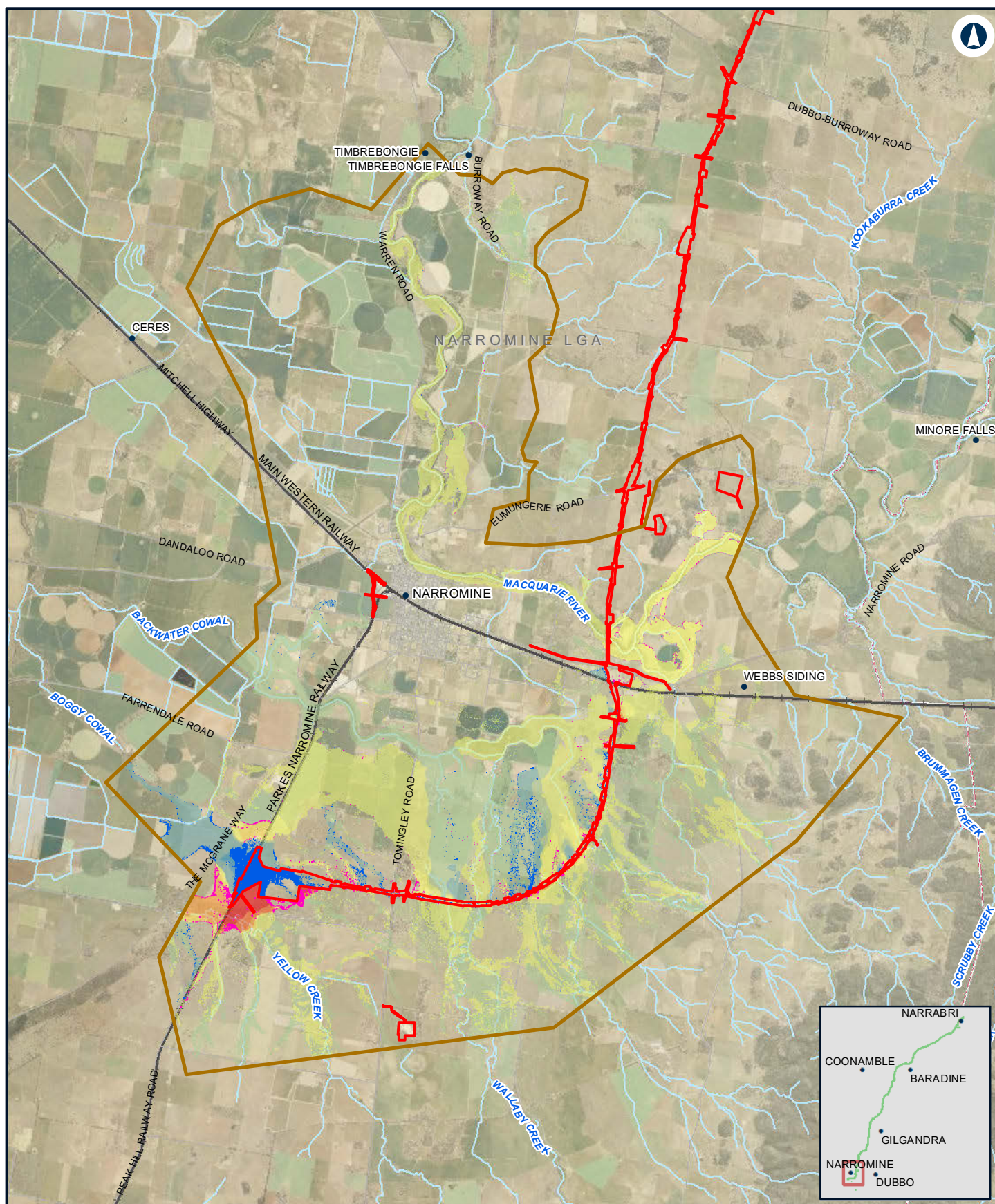












0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

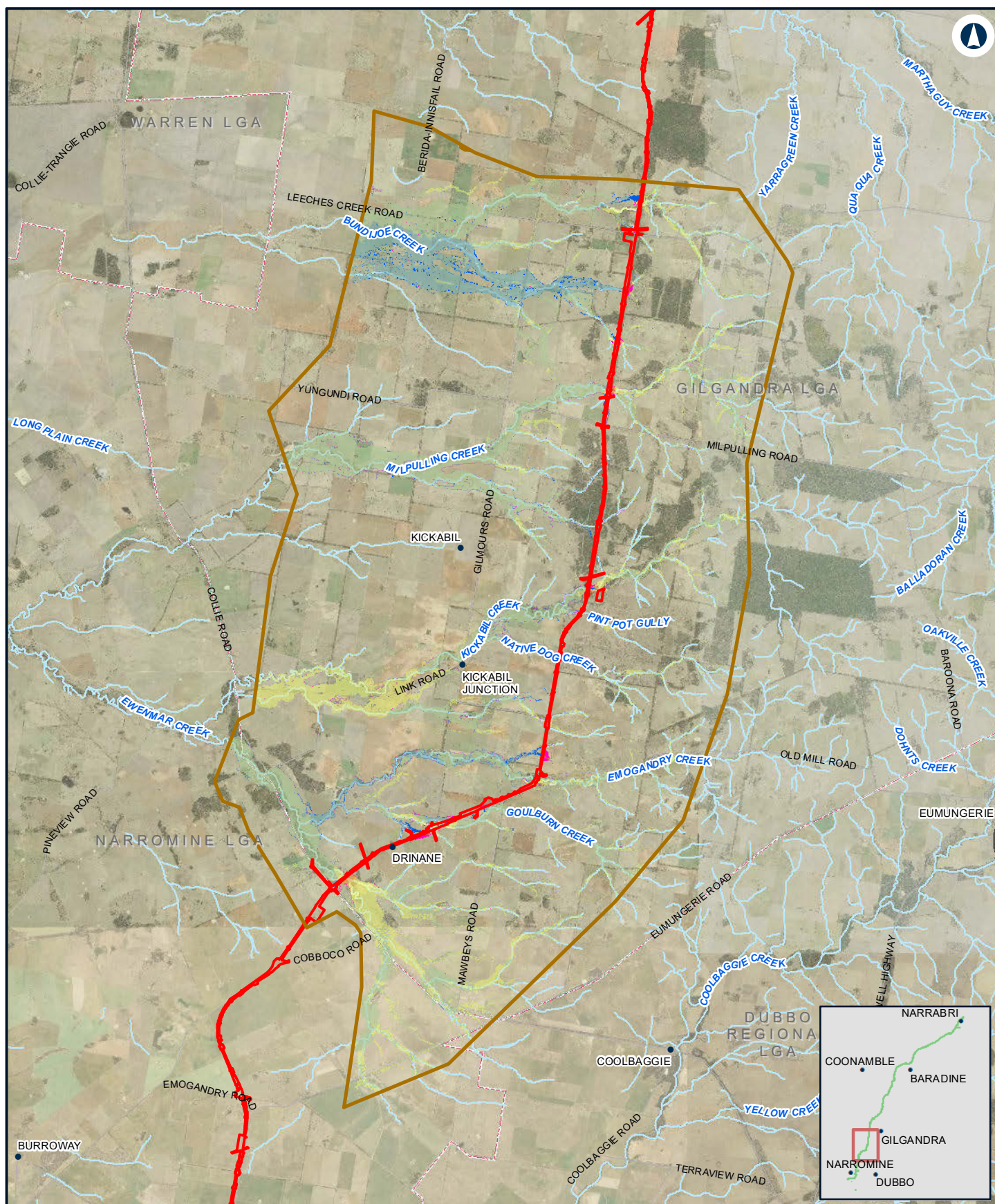
Paper: A4  
Scale: 1:140,000

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









## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N13

Appendix F Figure 2c

0 2.5 5 Km

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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
  - Was dry now wet
  - Was wet now dry
- Afflux band**
- > 0.2m decrease
  - 0.01 m - 0.2 m decrease
  - 0 m - 0.01 m decrease
  - 0 m - 0.01 m increase
  - 0.01 m - 0.05 m increase
  - 0.05 m - 0.1 m increase
  - 0.1 m - 0.2 m increase
  - 0.2 m - 0.5 m increase
  - > 0.5 m increase

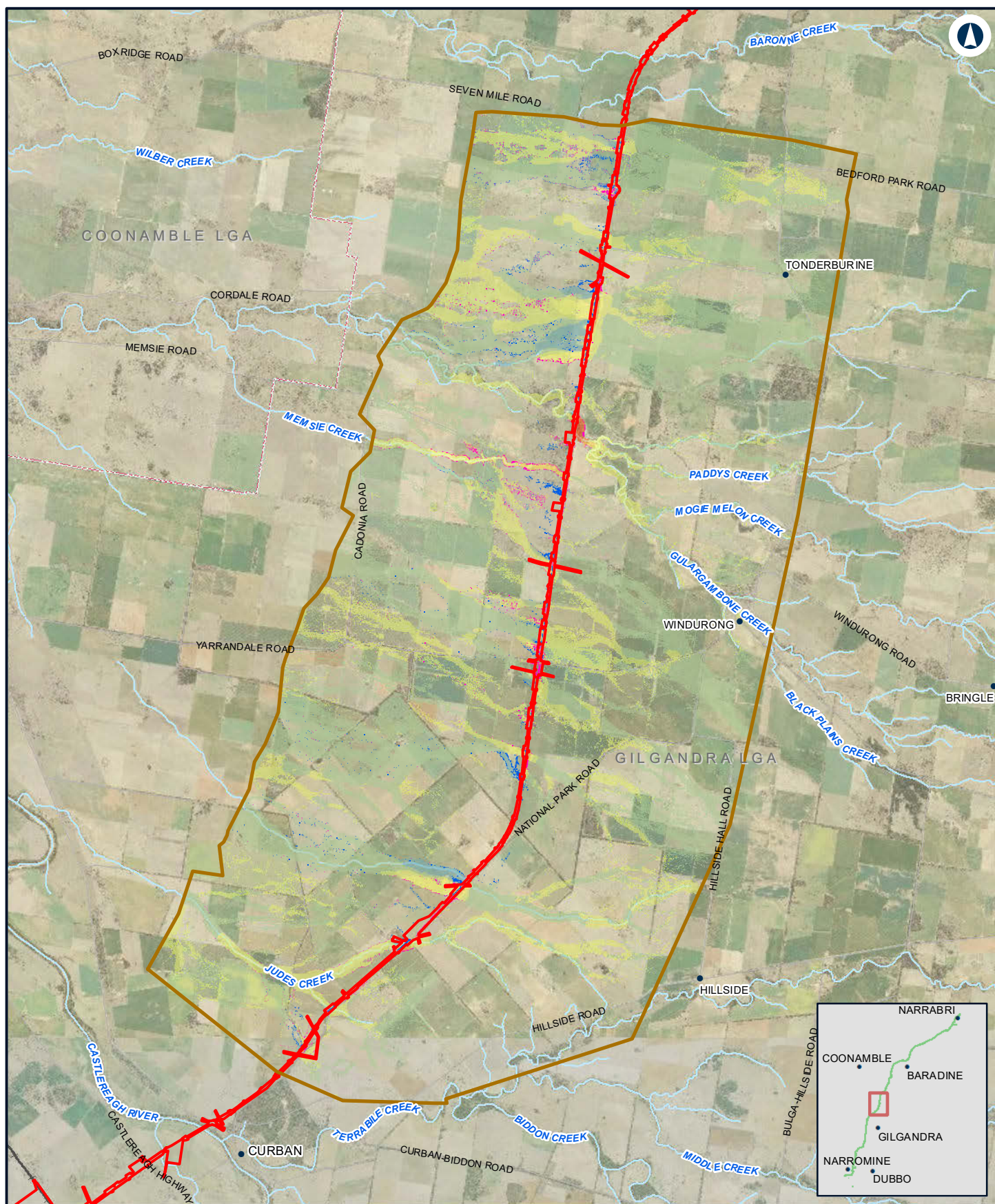
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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N10

Appendix F Figure 2e

0 1.5 3  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:130,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

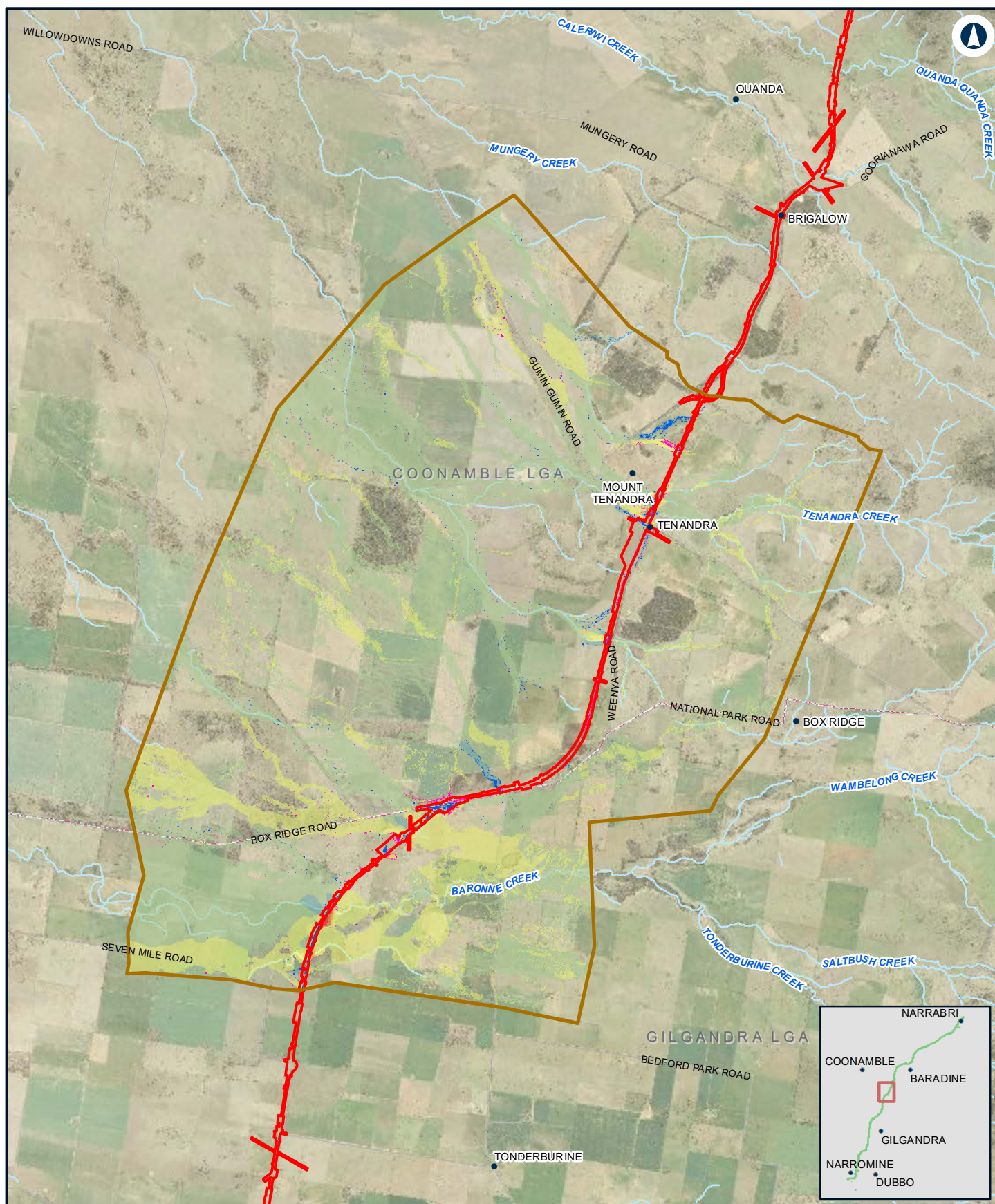
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N9

Appendix F Figure 2f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:110,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

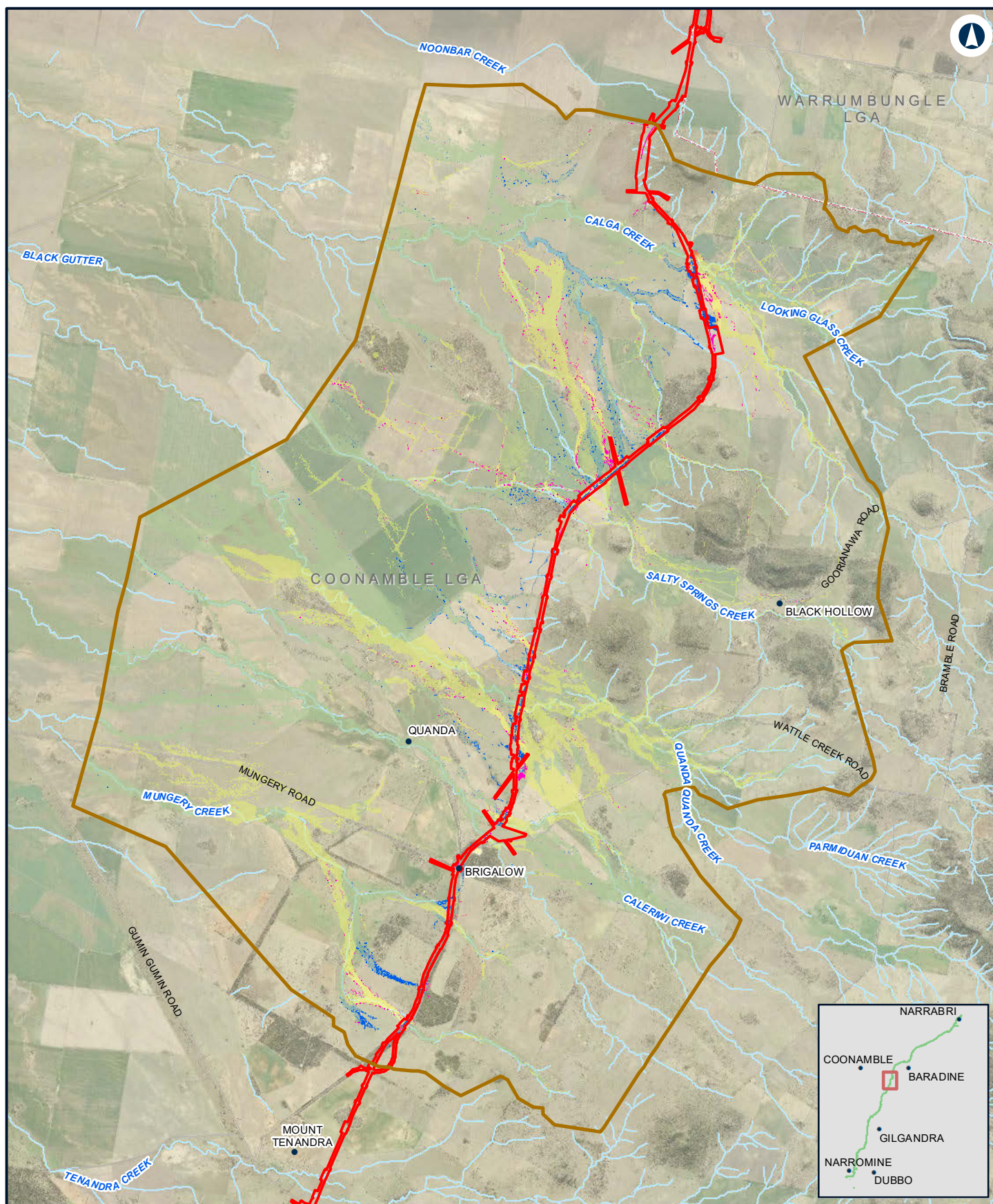
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N8

Appendix F Figure 2g

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:100,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

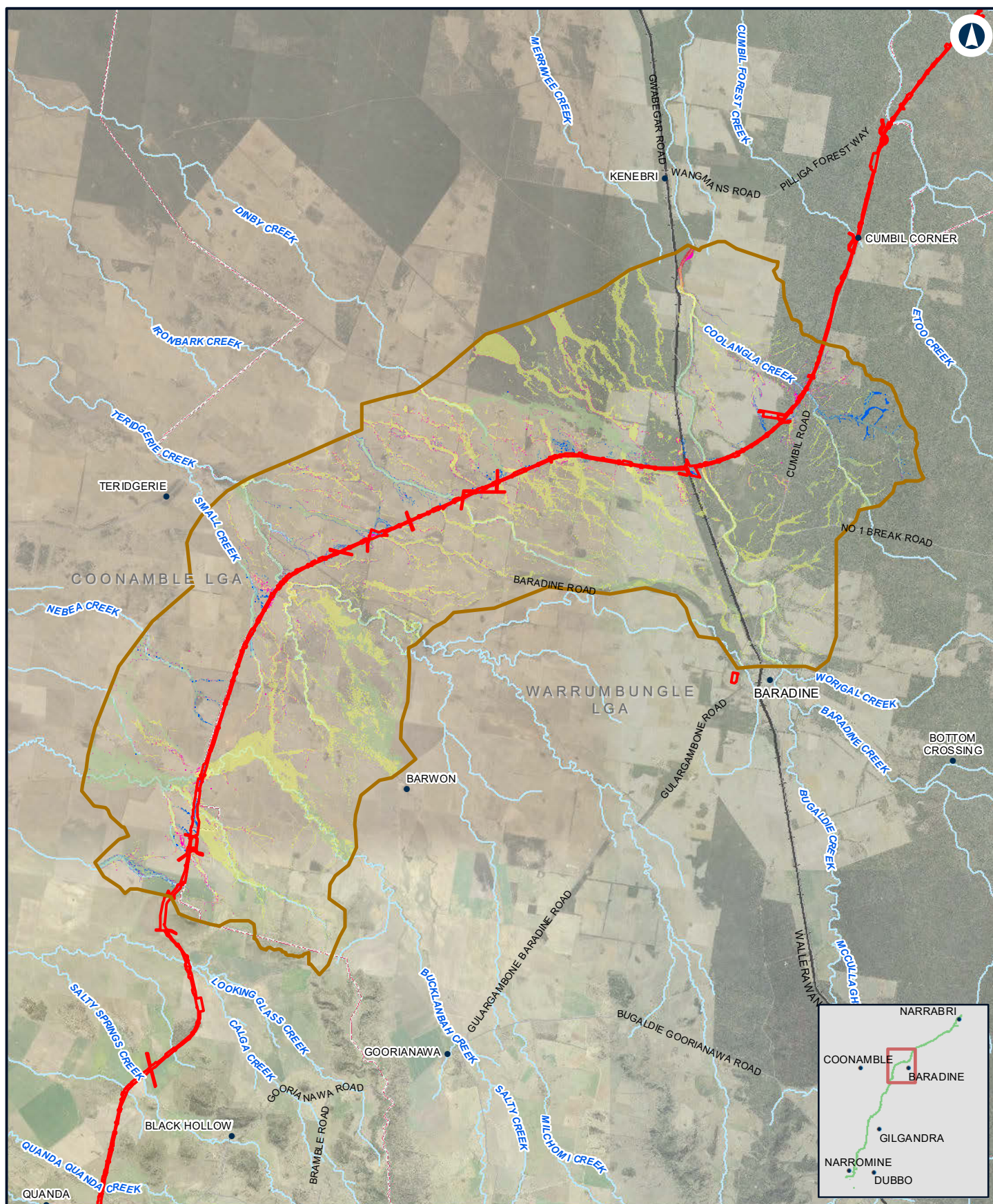
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N7

Appendix F Figure 2h

0 2.5 5  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022 Paper: A4  
Author: JacobsGHD Scale: 1:200,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

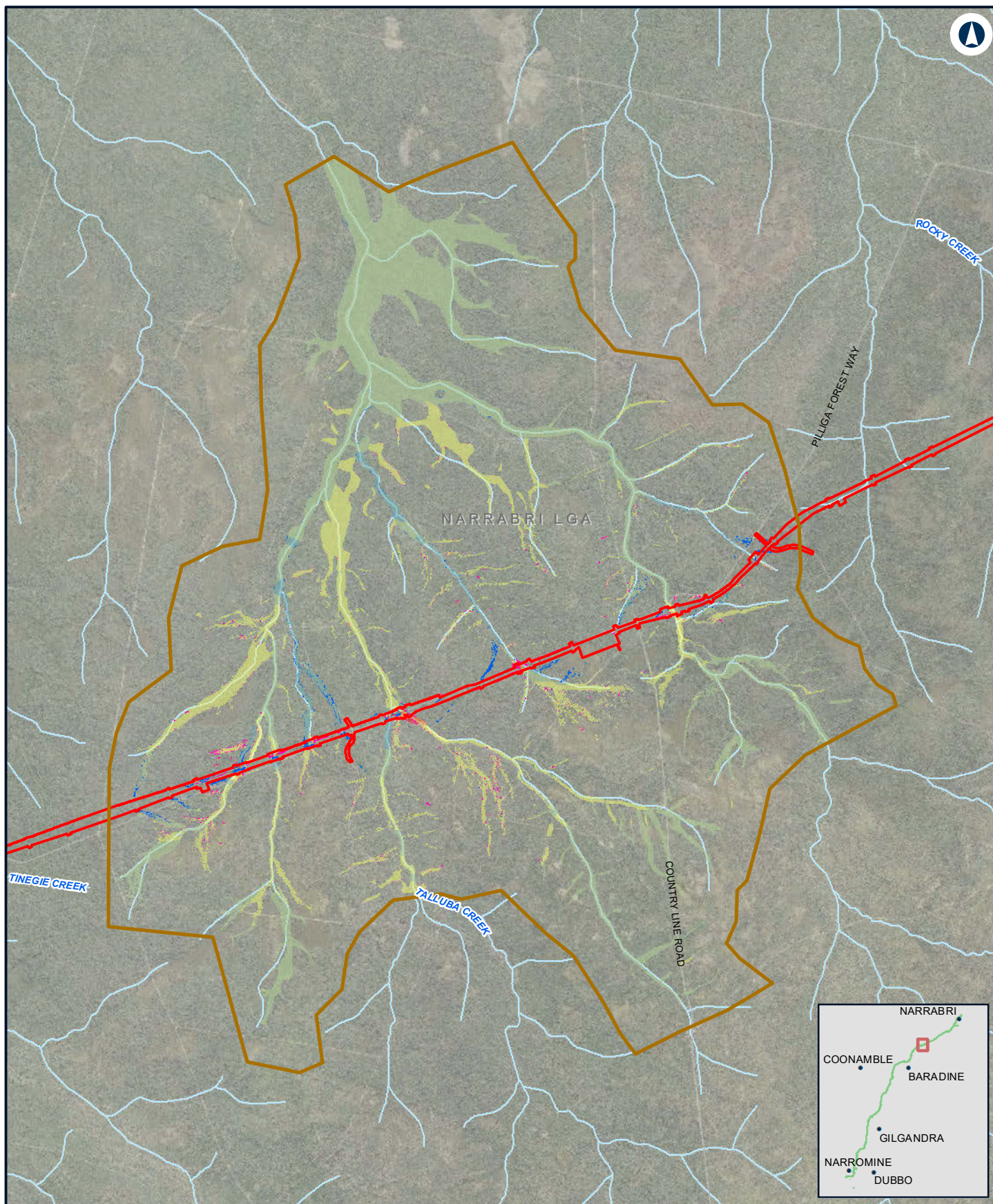
**INLAND RAIL** **ARTC**

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N5

Appendix F Figure 2j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:70,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

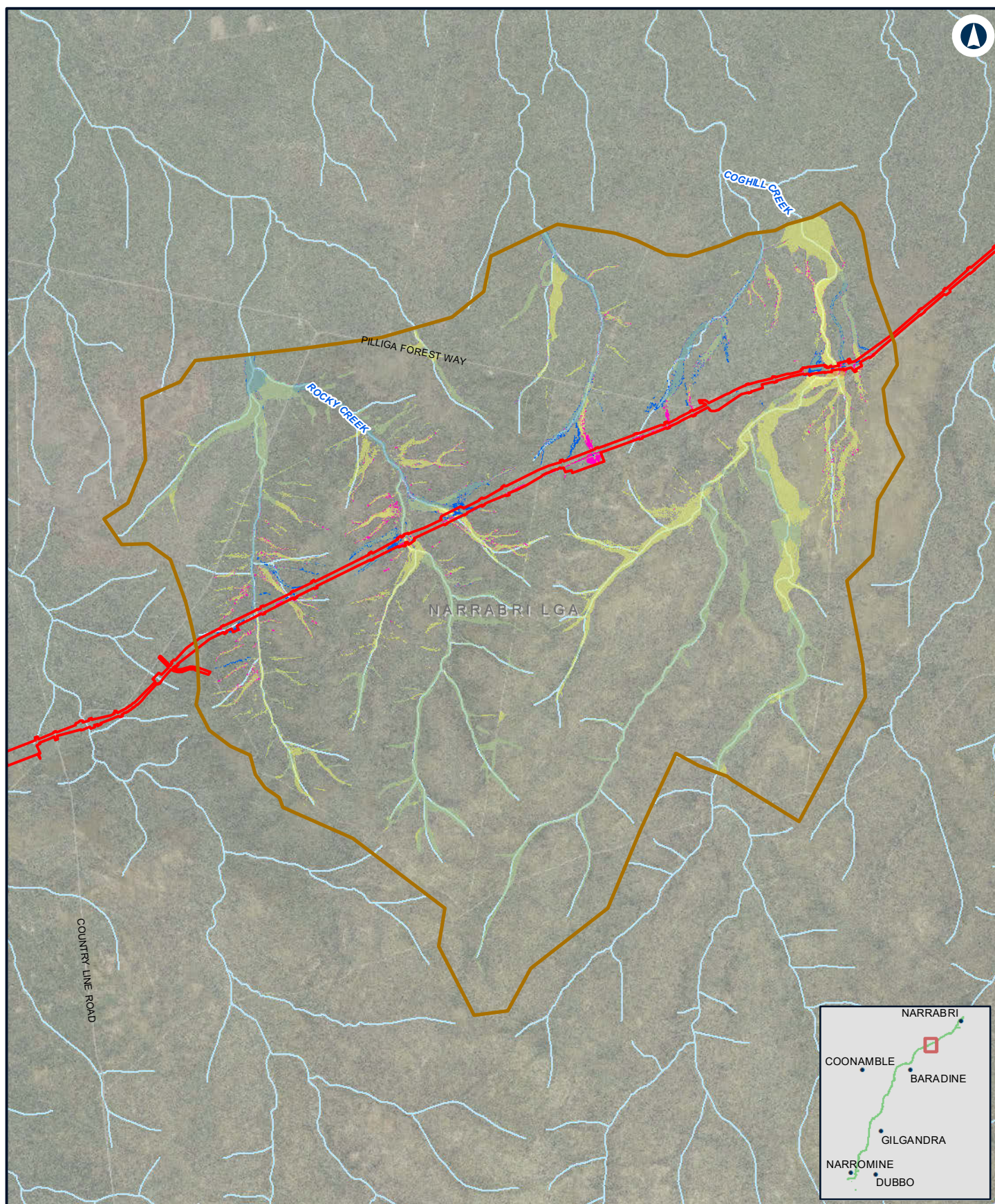
- > 0.2m decrease
- 0.01 m - 0.2 m decrease
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N4

Appendix F Figure 2k

0 1 2  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:80,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

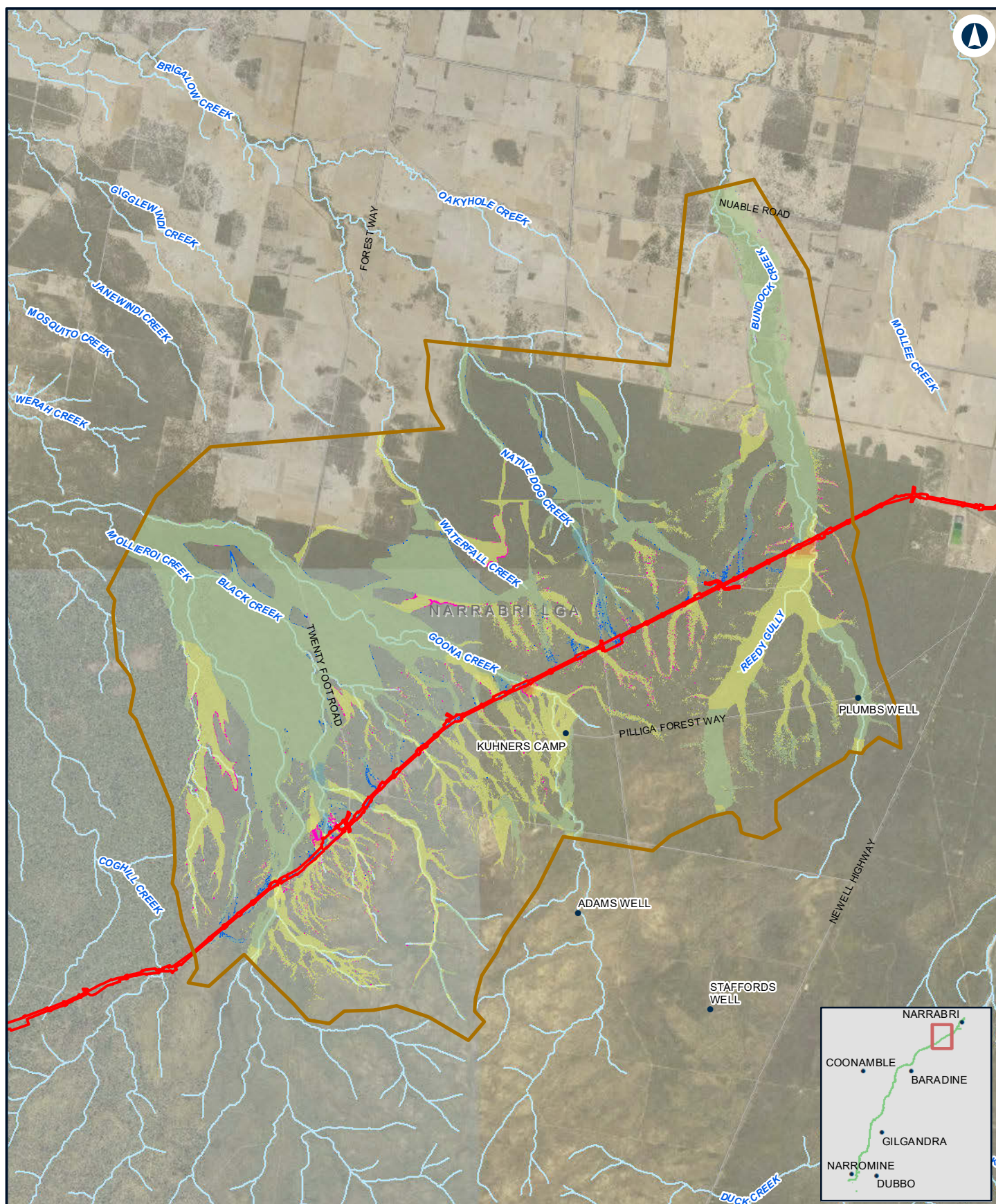
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N23

Appendix F Figure 21

0 1.5 3  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:140,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

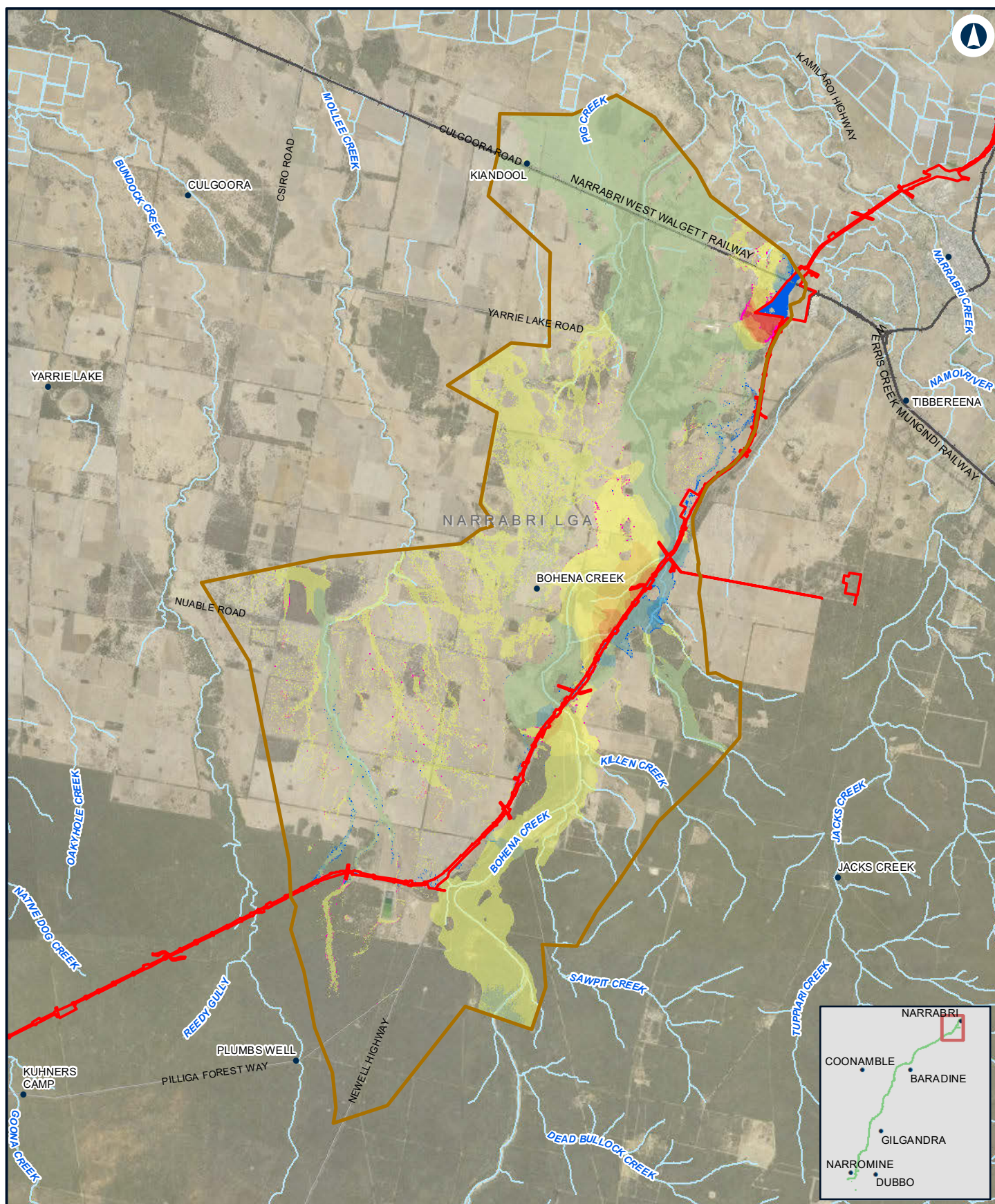
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - N2N1

Appendix F Figure 2m

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: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:150,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2 m decrease
- 0.01 m - 0.2 m decrease

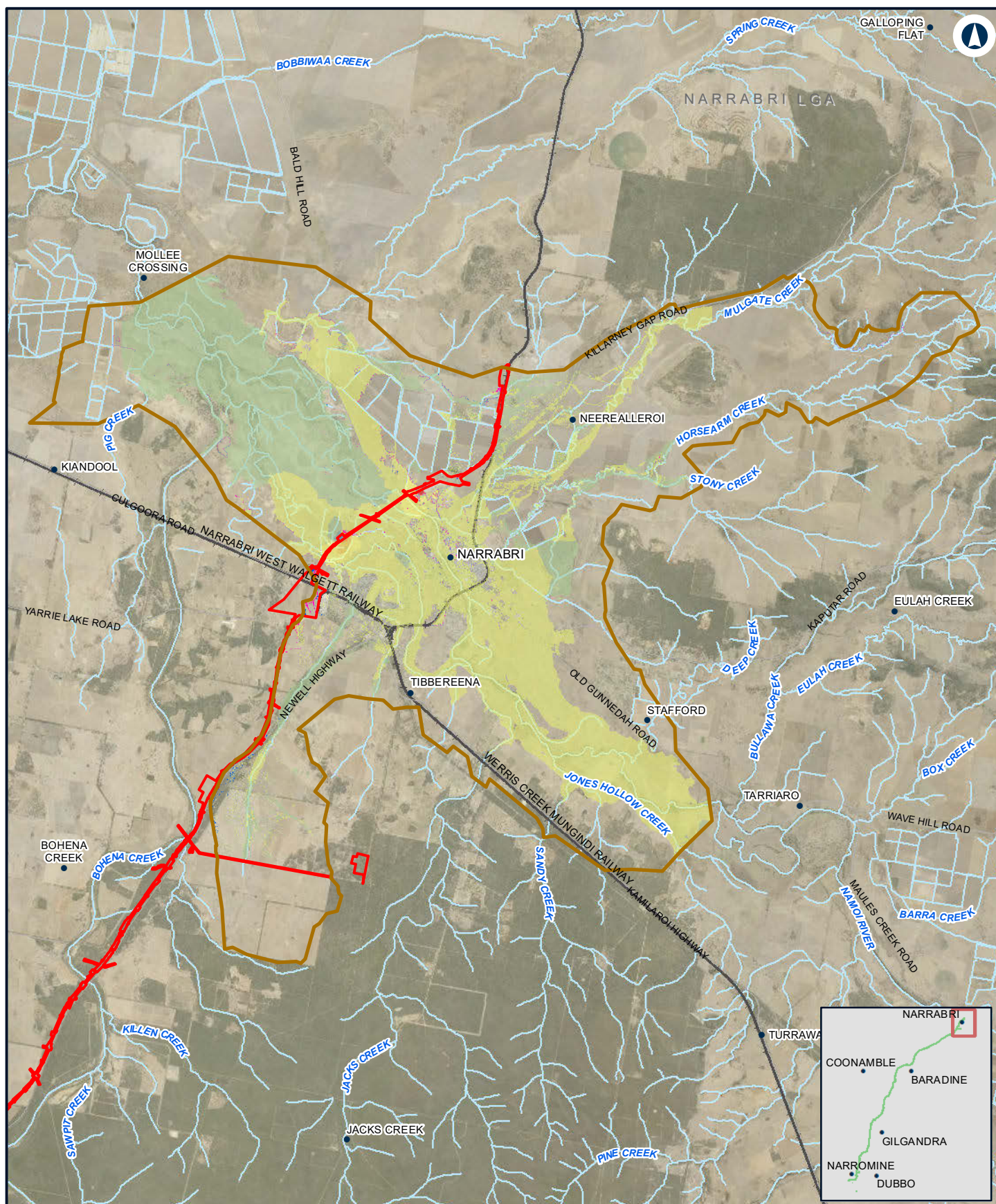
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 5% AEP - Narrabri

Appendix F Figure 2n

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:160,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

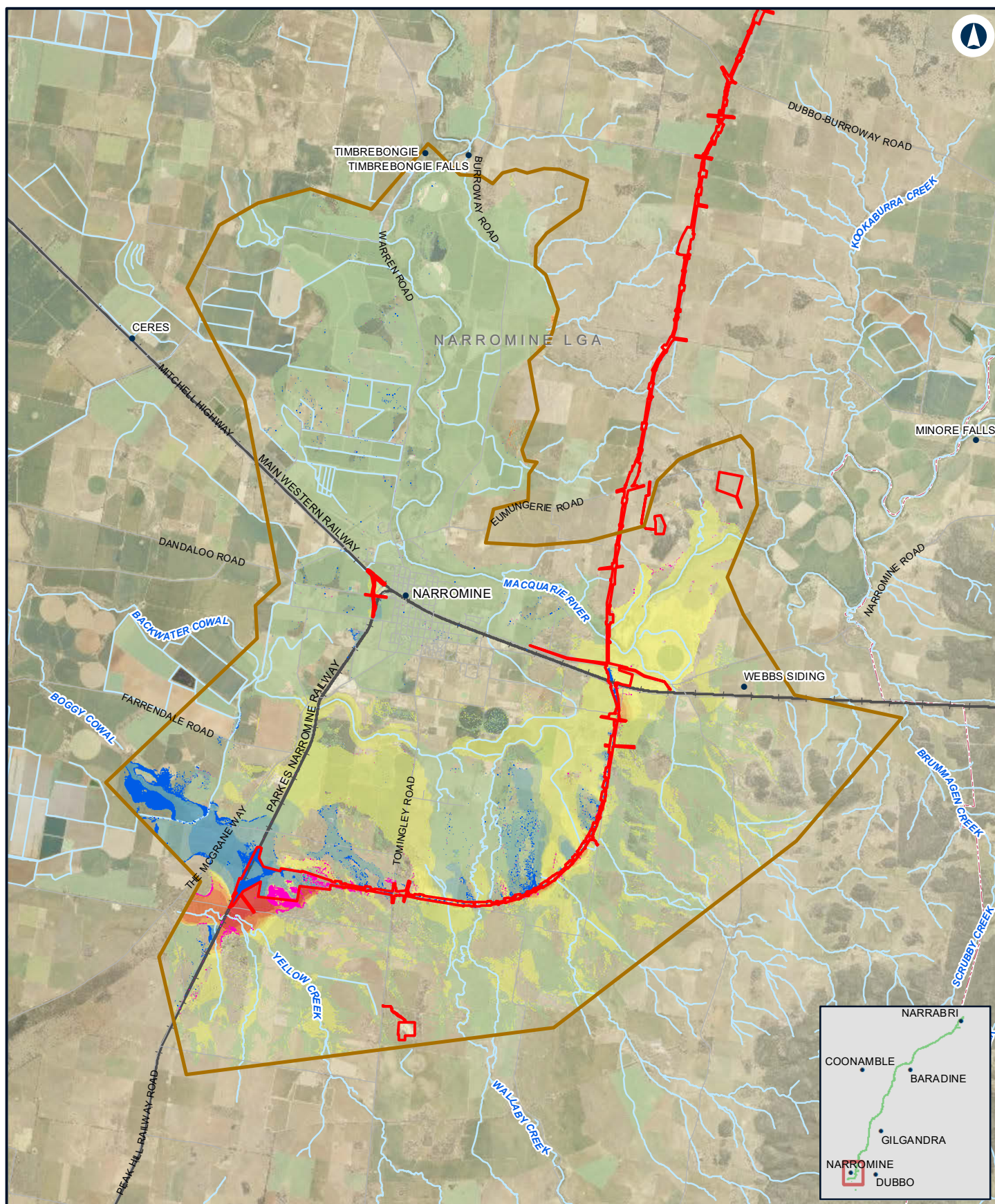
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - NFM

Appendix F – Figure 3a

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:140,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

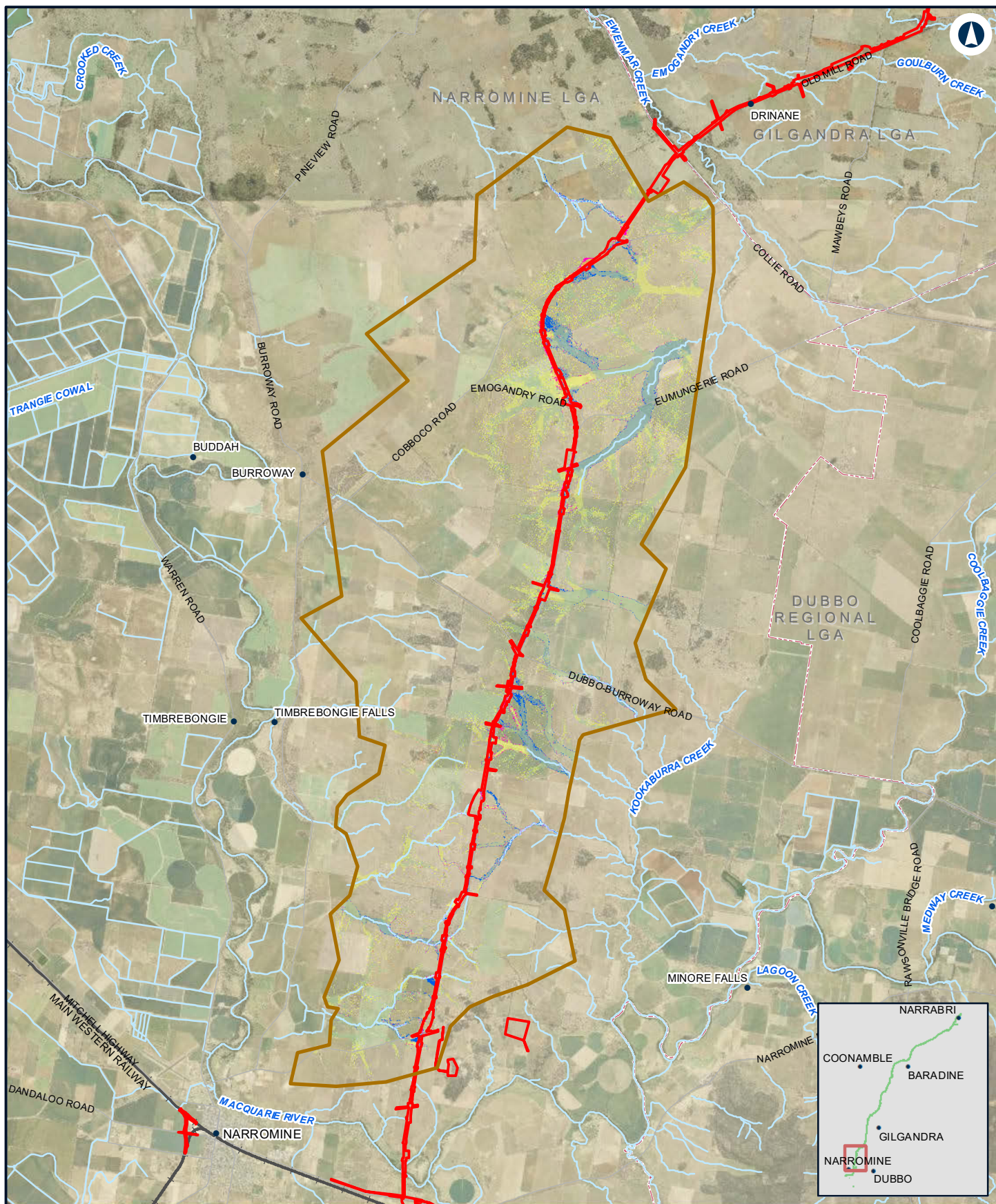
- > 0.2 m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N14

Appendix F – Figure 3b

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:150,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

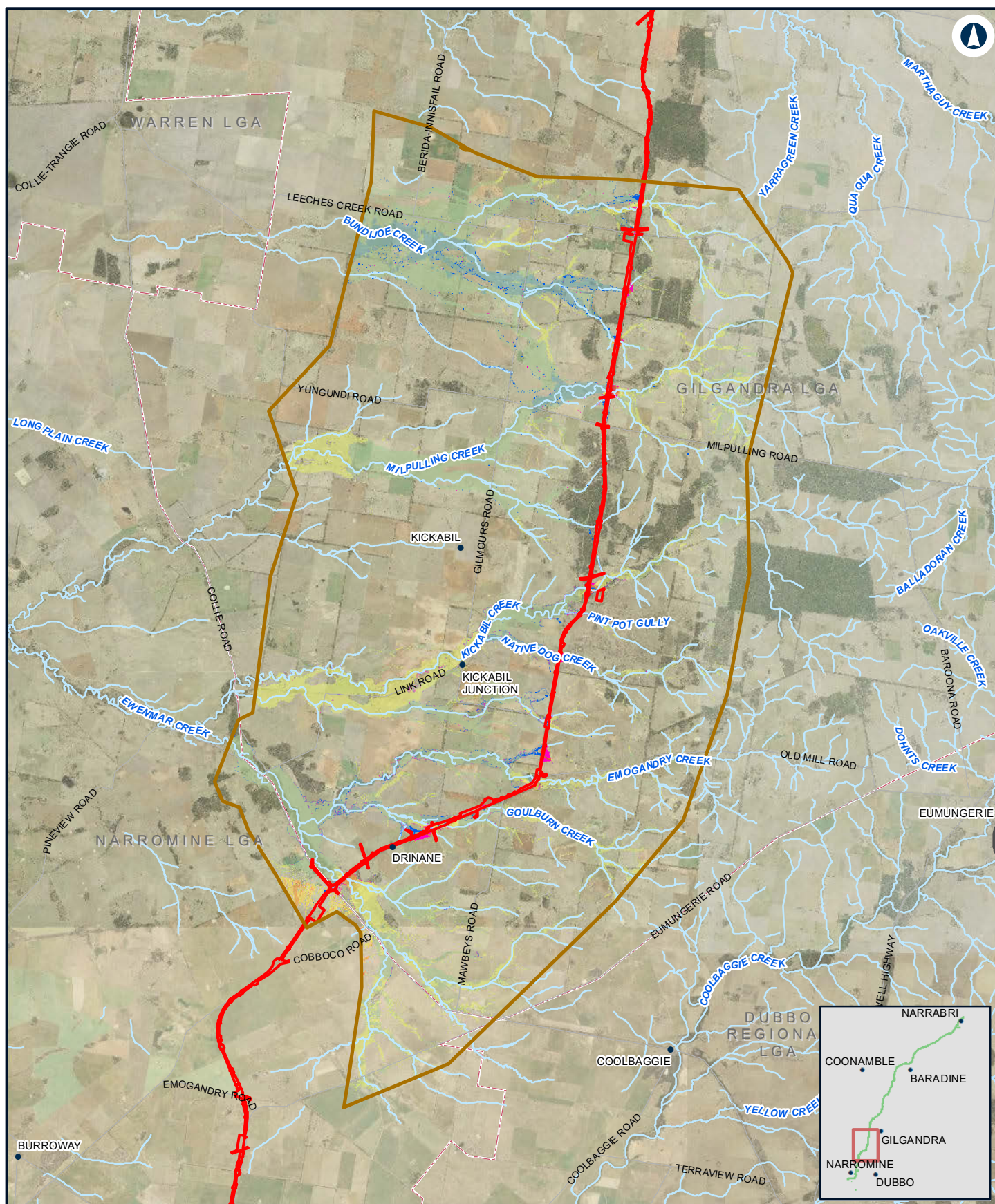
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N13

Appendix F – Figure 3c

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:180,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

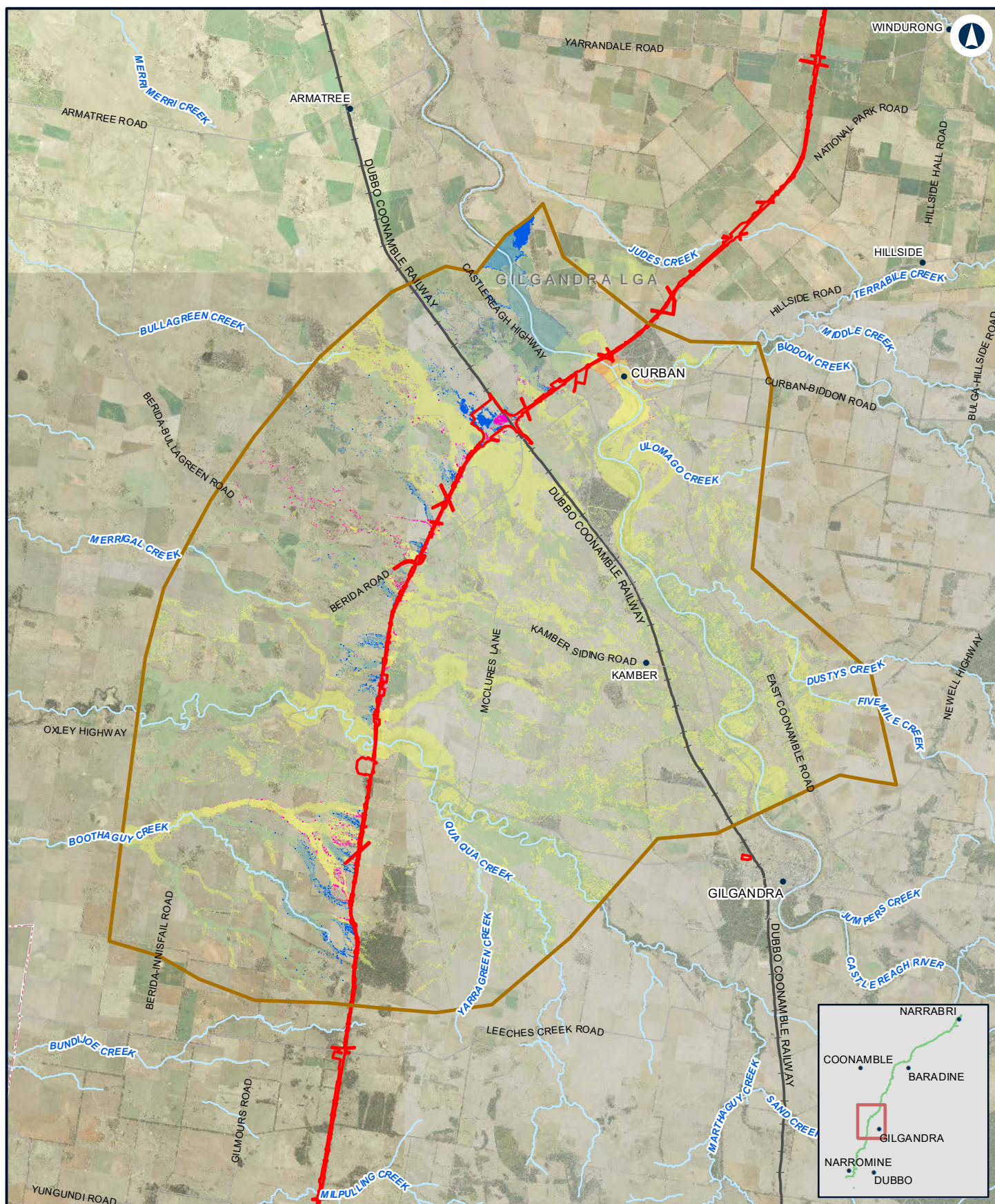
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N11N12

Appendix F – Figure 3d

0 2.5 5 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Scale: 1:200,000

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

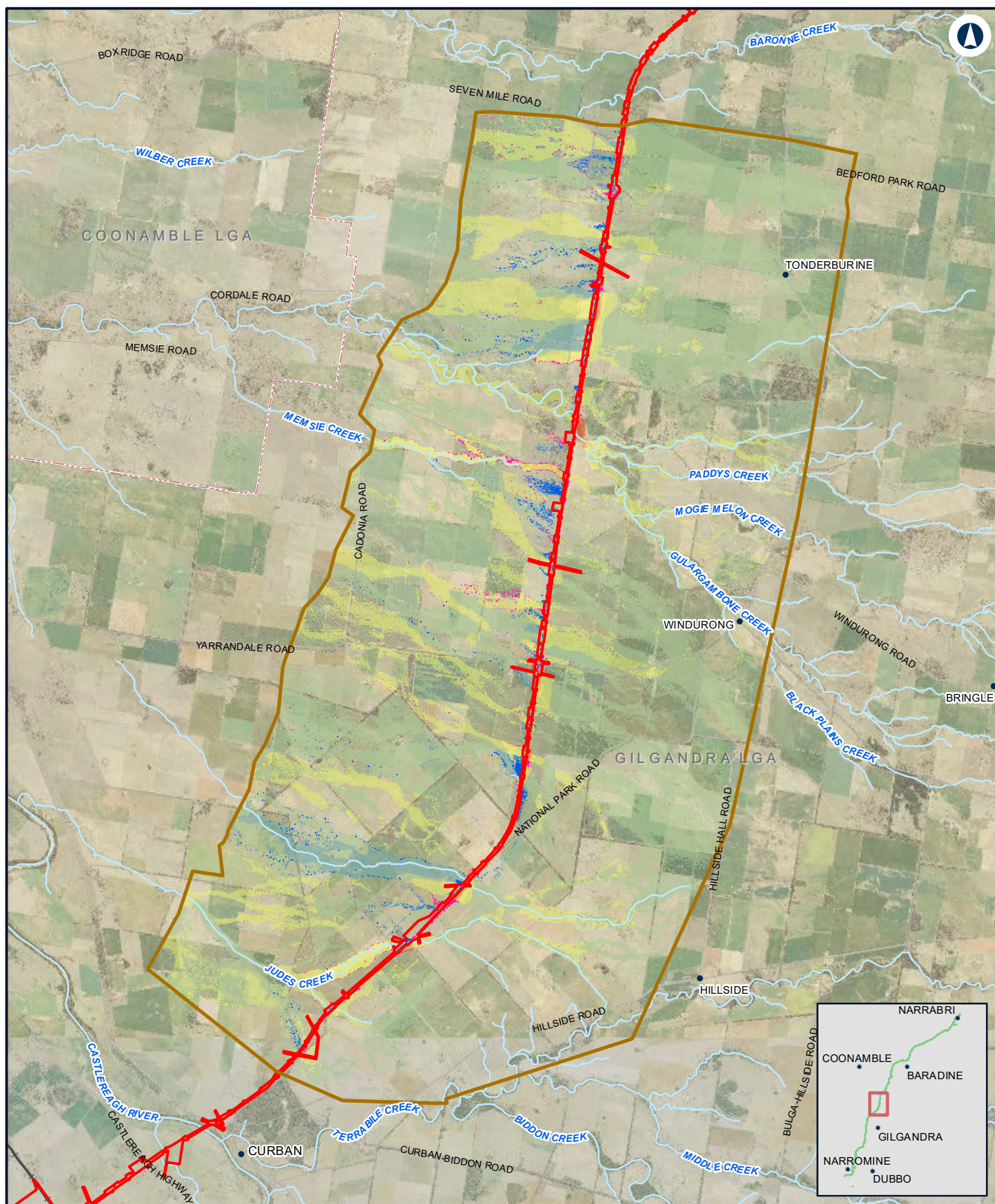
### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry
- Afflux band
  - > 0.2m decrease
  - 0.01 m - 0.2 m decrease
  - 0 m - 0.01 m decrease
  - 0 m - 0.01 m increase
  - 0.01 m - 0.05 m increase
  - 0.05 m - 0.1 m increase
  - 0.1 m - 0.2 m increase
  - 0.2 m - 0.5 m increase
  - > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N10

Appendix F – Figure 3e

0 1.5 3  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:130,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

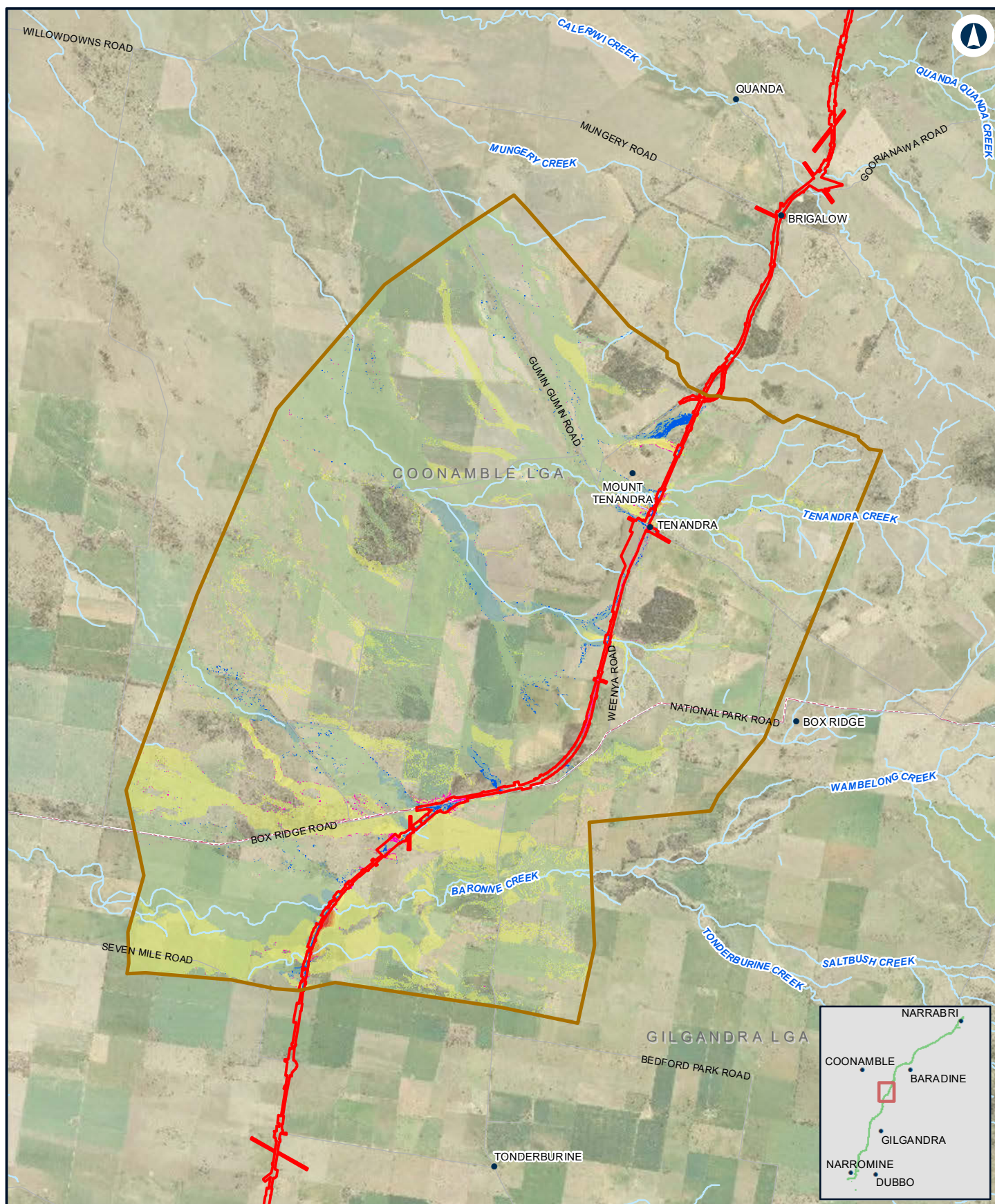
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N9

Appendix F – Figure 3f

0 1.5 3 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:110,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

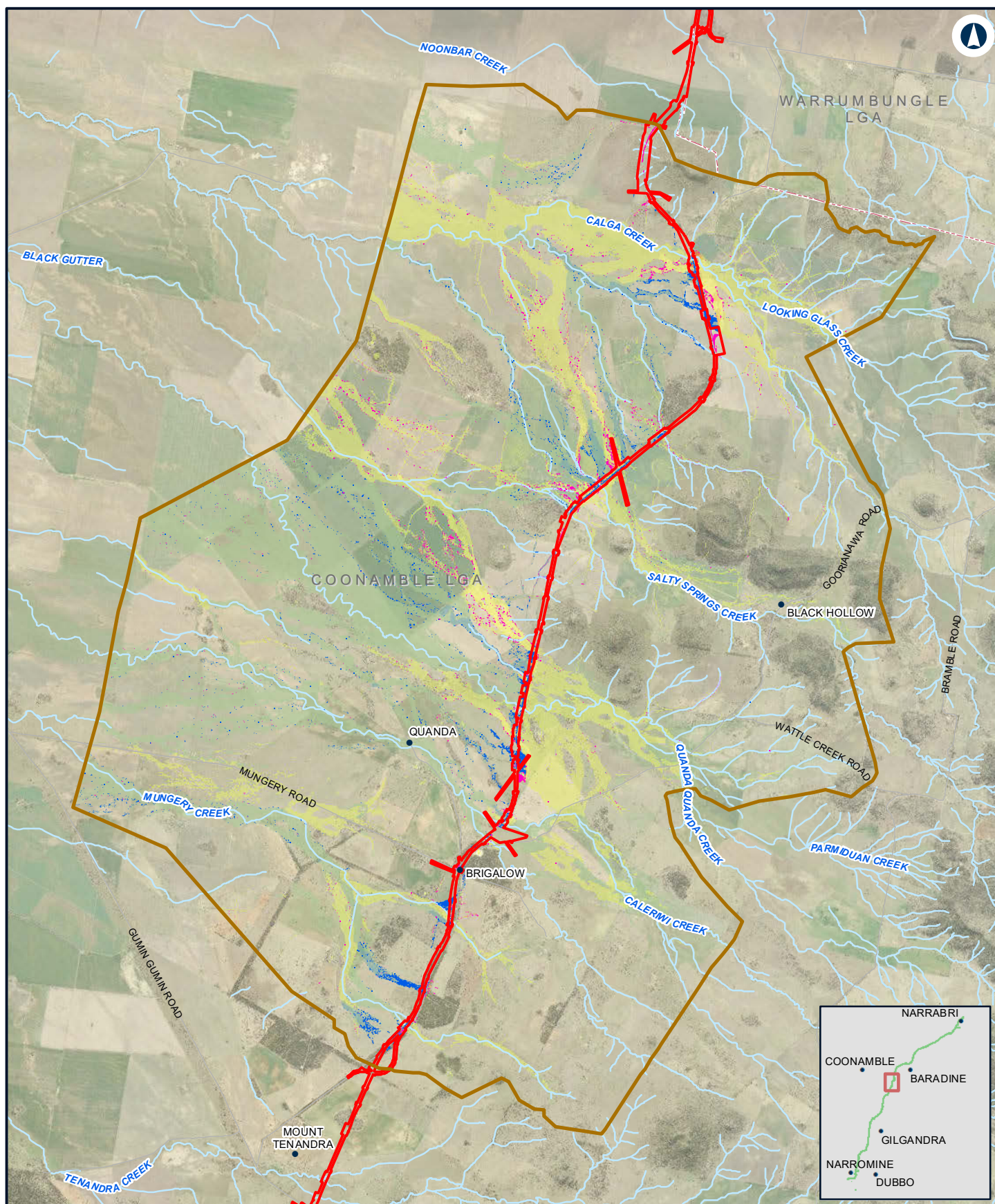
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N8

Appendix F – Figure 3g

0 1 2  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:100,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

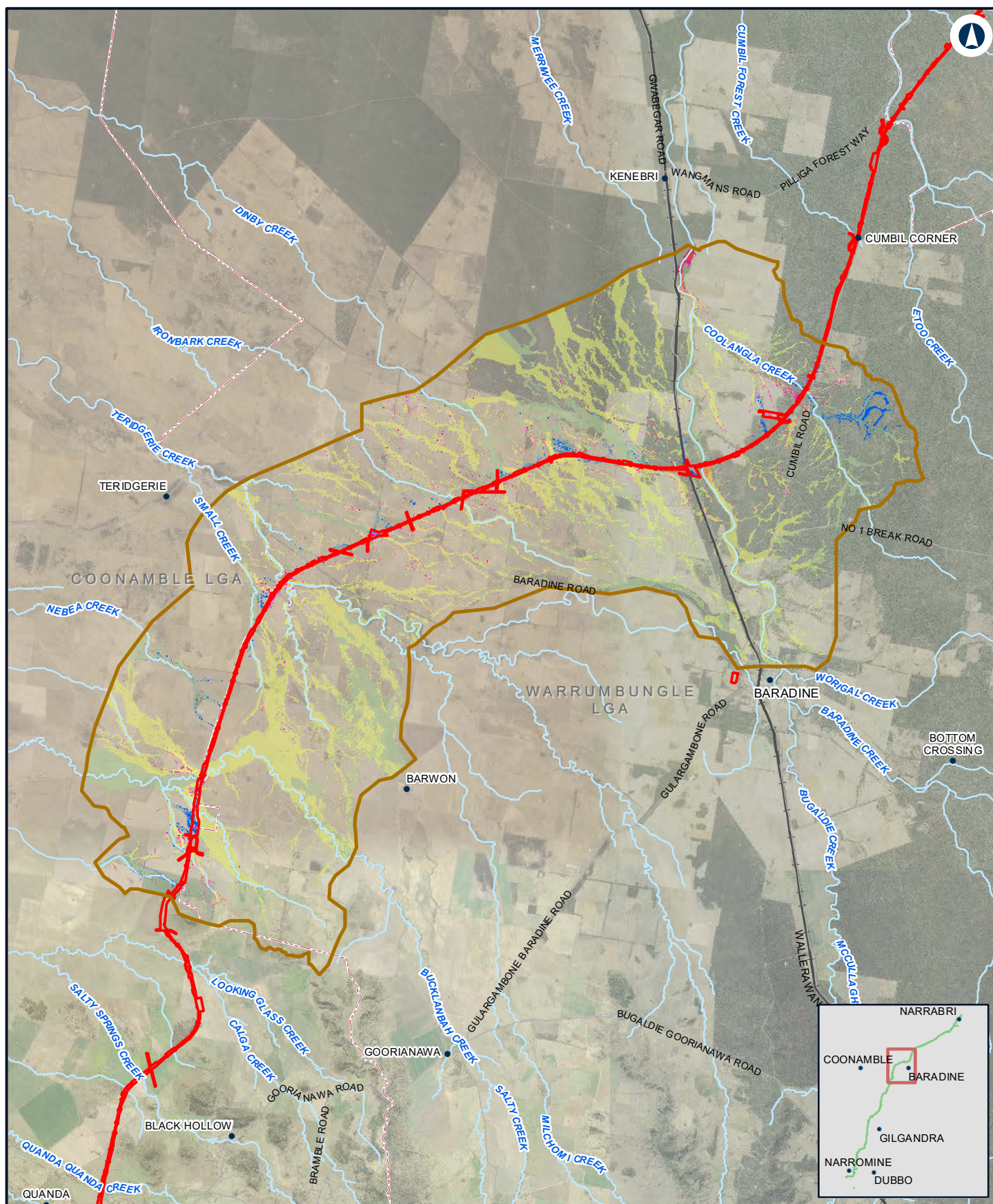
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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0 2.5 5  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:200,000

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

#### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

#### Afflux band

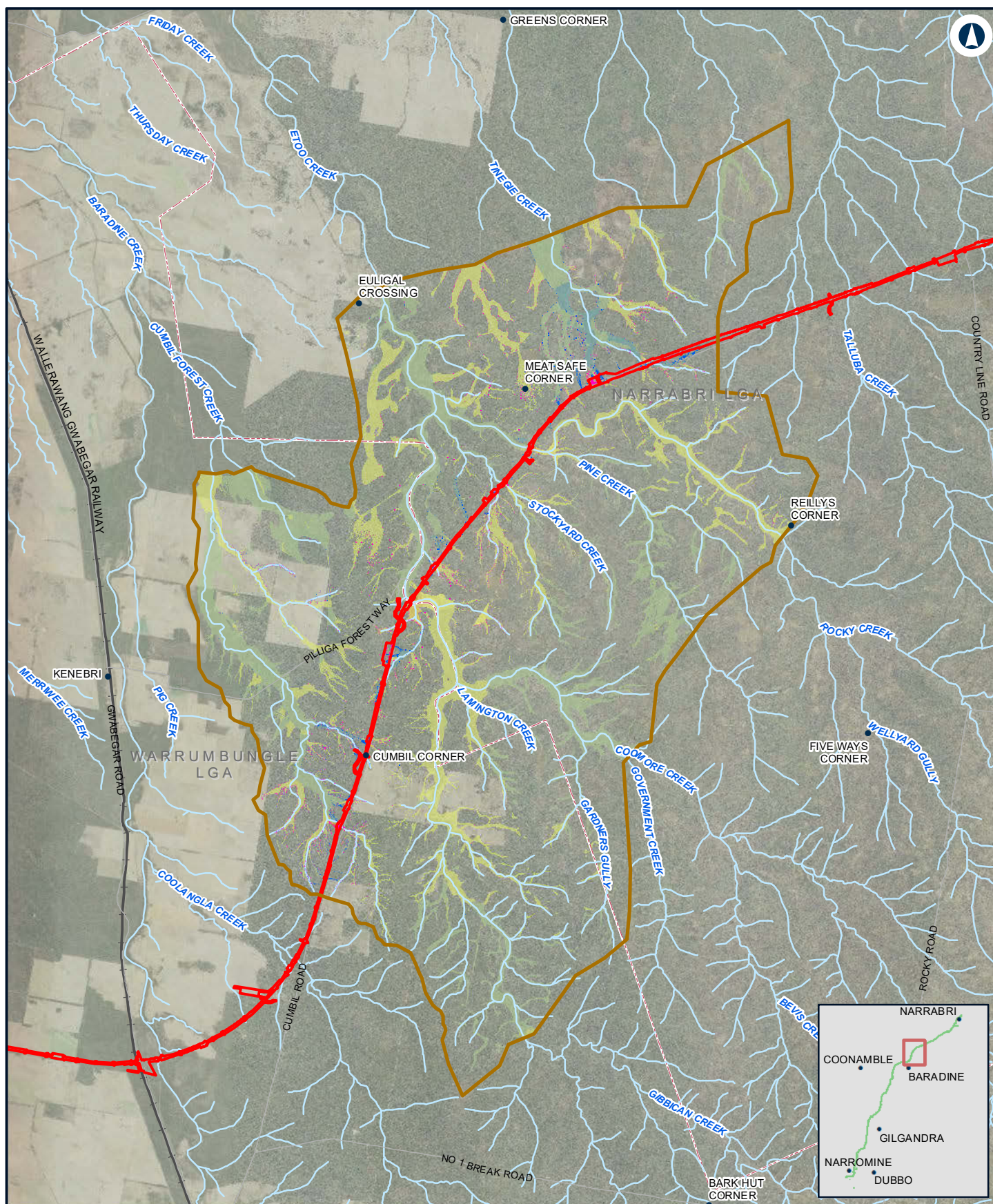
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N6

Appendix F – Figure 3i

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:150,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

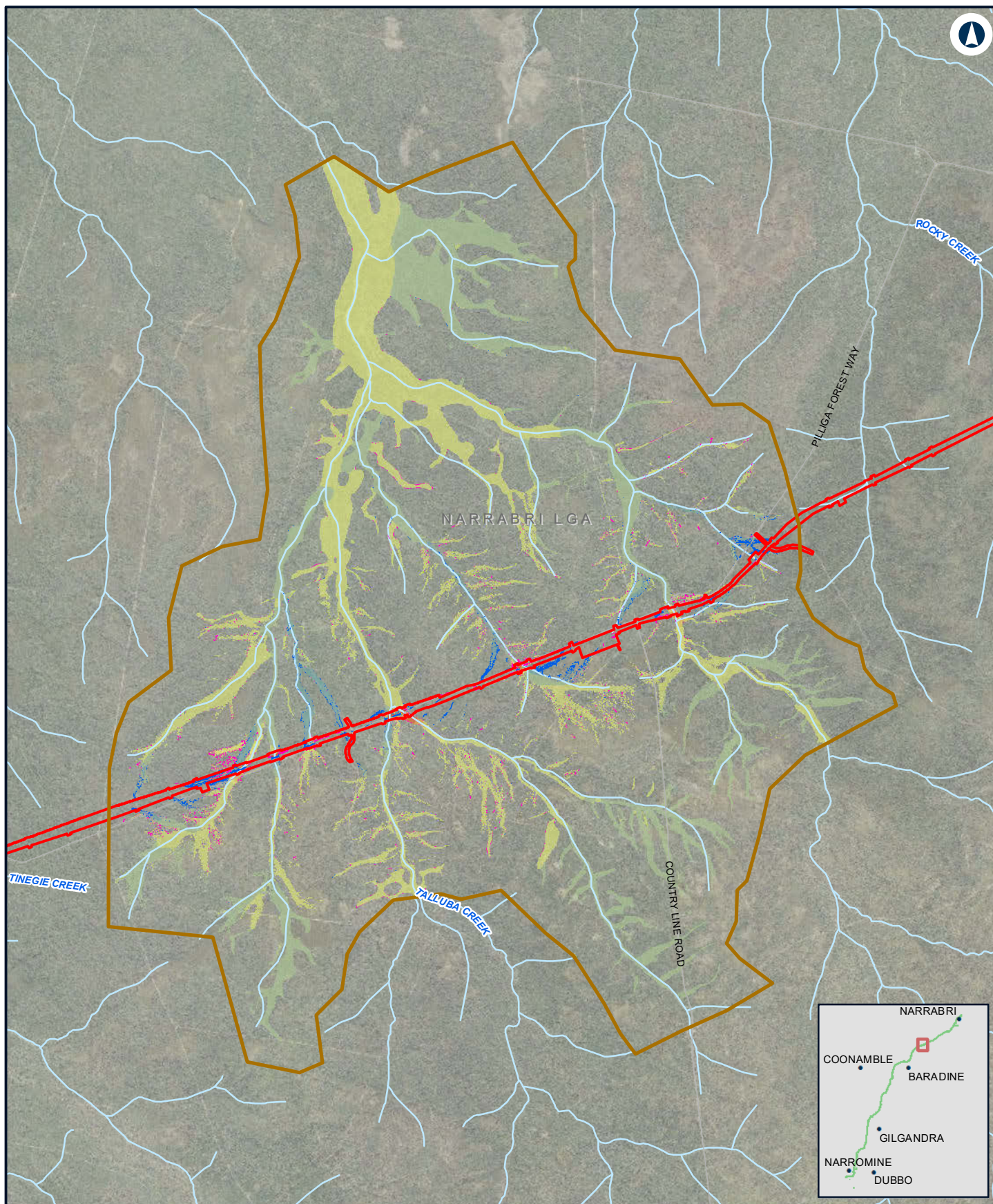
- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N5

Appendix F – Figure 3j

0 1 2 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:70,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

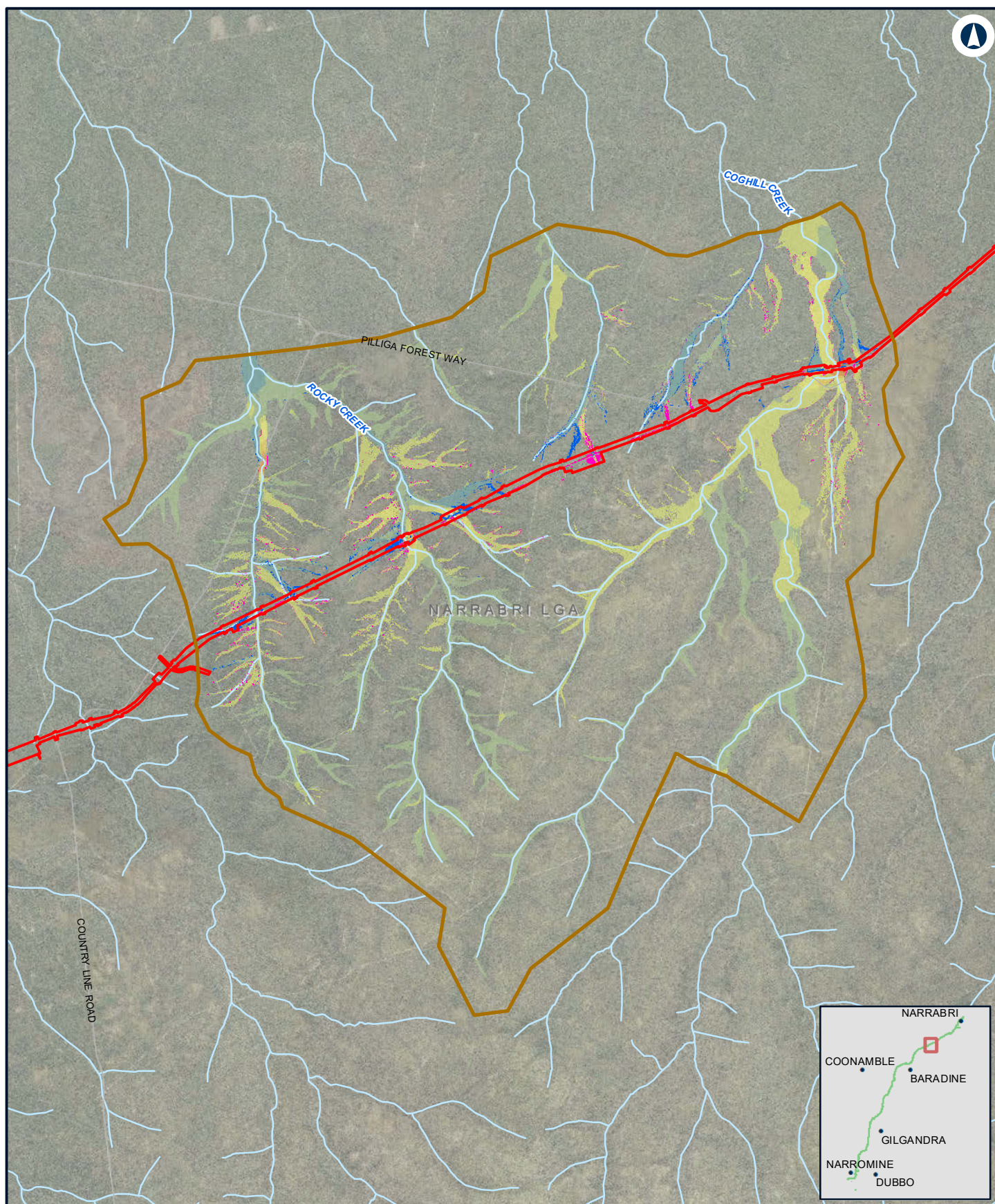
- > 0.2m decrease
- 0.01 m - 0.2 m decrease
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N4

Appendix F – Figure 3k

0 1 2  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:80,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

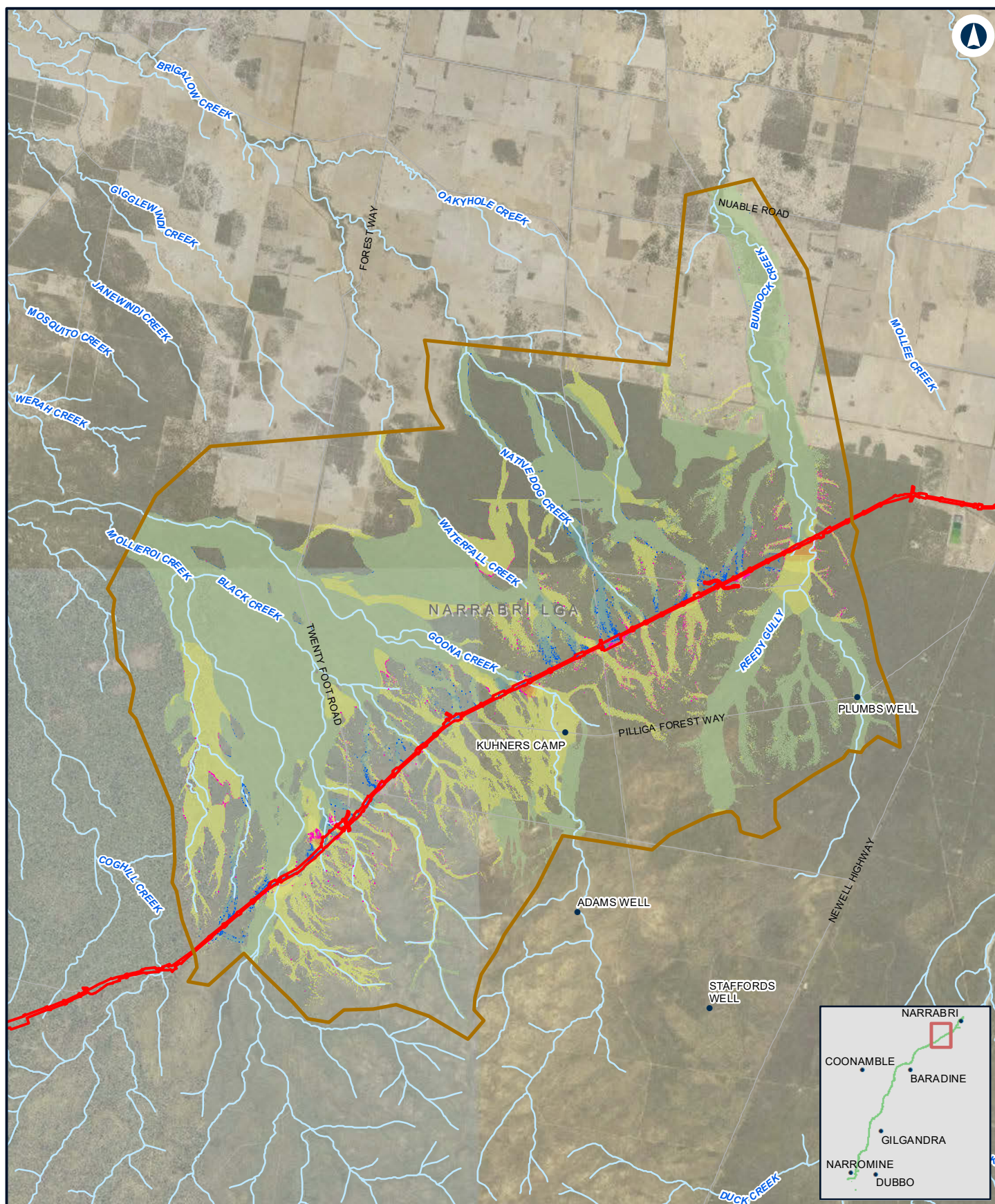
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARRABRI TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N23

Appendix F – Figure 3I

0 1.5 3  
Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:140,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

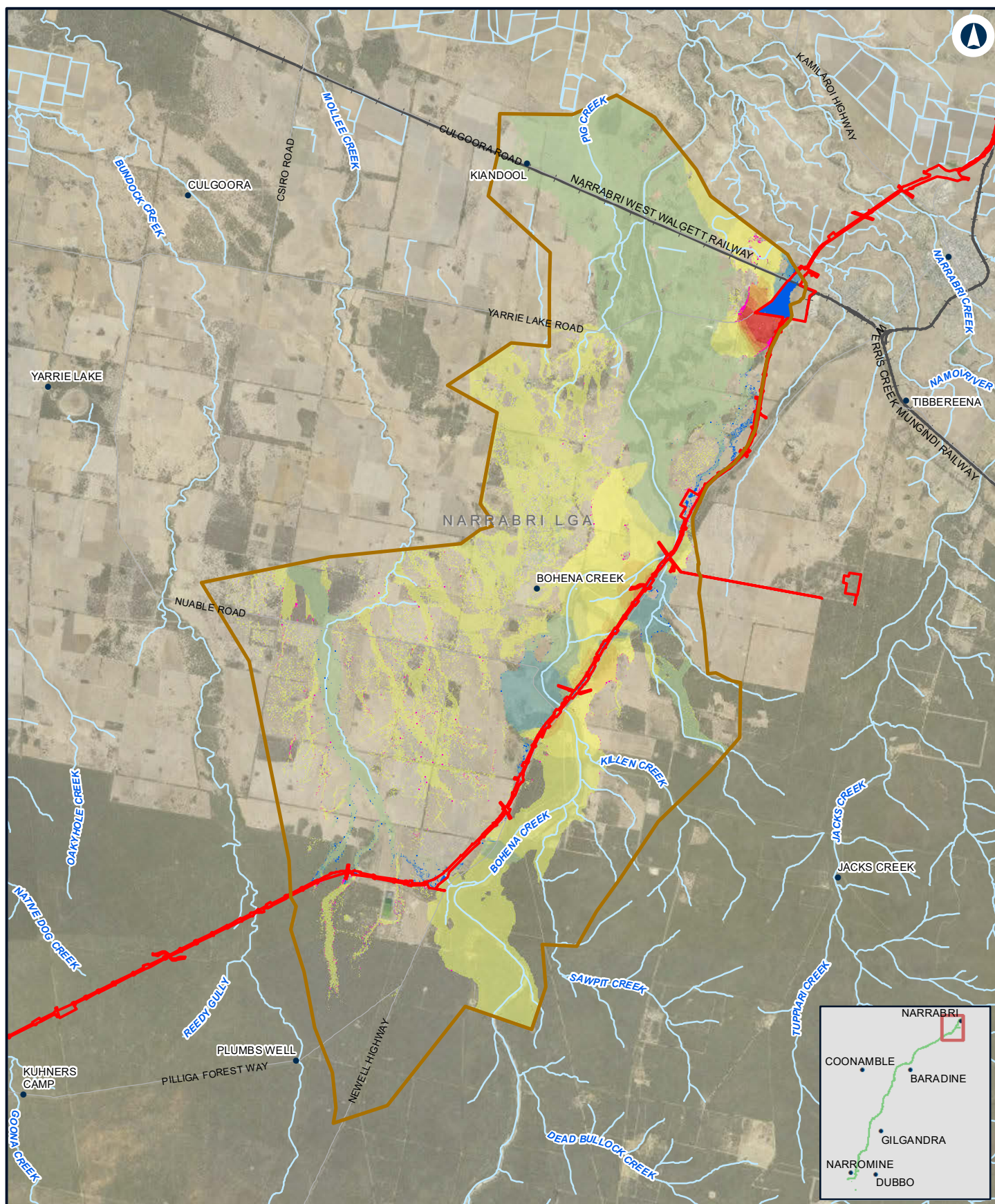
- > 0.2m decrease
- 0.01 m - 0.2 m decrease
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

**INLAND  
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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - N2N1

Appendix F – Figure 3m

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:150,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

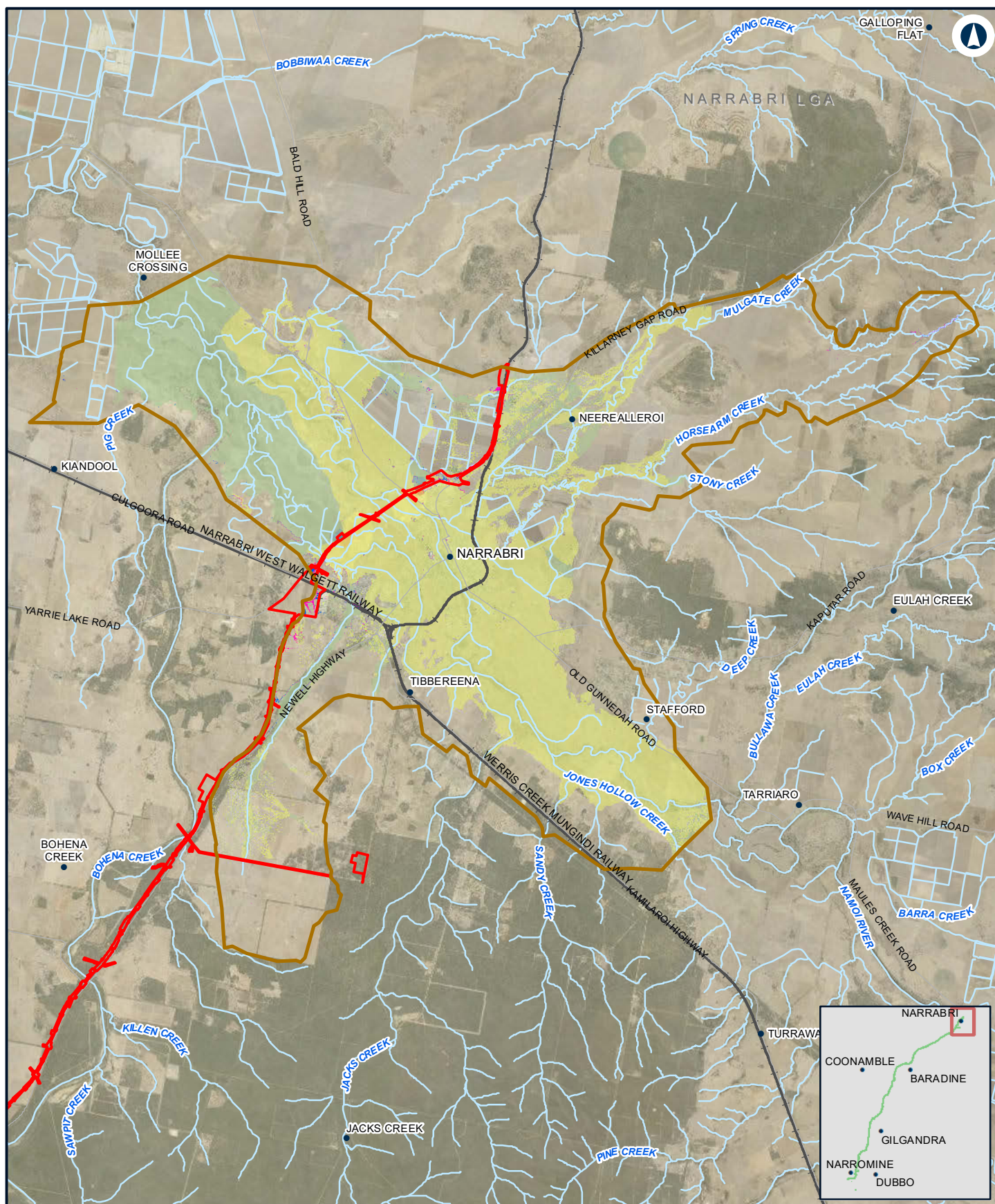
- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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## NARROMINE TO NARRABRI

Change in peak flood level (afflux) construction - 1% AEP - Narrabri

Appendix F – Figure 3n

0 2 4 Km

Coordinate System: GDA 1994 MGA Zone 55

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Date: 10/01/2022  
Author: JacobsGHD

Paper: A4  
Scale: 1:160,000

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

### LEGEND

- The proposal site
- Model boundary
- Was dry now wet
- Was wet now dry

### Afflux band

- > 0.2m decrease
- 0.01 m - 0.2 m decrease

- 0 m - 0.01 m decrease
- 0 m - 0.01 m increase
- 0.01 m - 0.05 m increase
- 0.05 m - 0.1 m increase
- 0.1 m - 0.2 m increase
- 0.2 m - 0.5 m increase
- > 0.5 m increase

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