

# TECHNICAL REPORT

INLAND  
RAIL 

# 3

## Flooding and hydrology assessment

PART 3 OF 12

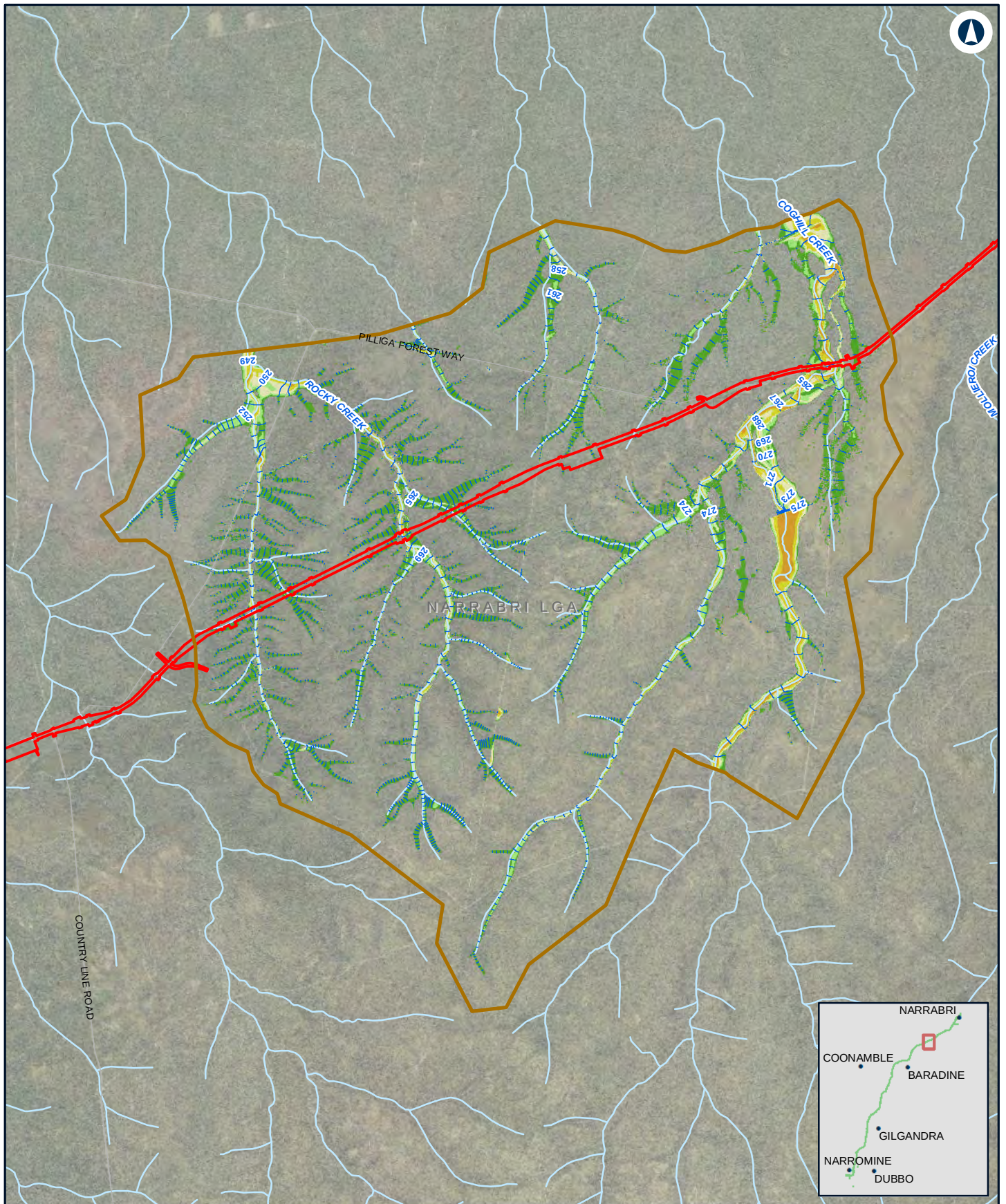
Appendix D continued...

NARROMINE TO NARRABRI ENVIRONMENTAL IMPACT STATEMENT

ARTC

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP -N2N4

Appendix D Figure 1.3k

0 1 2 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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:80,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

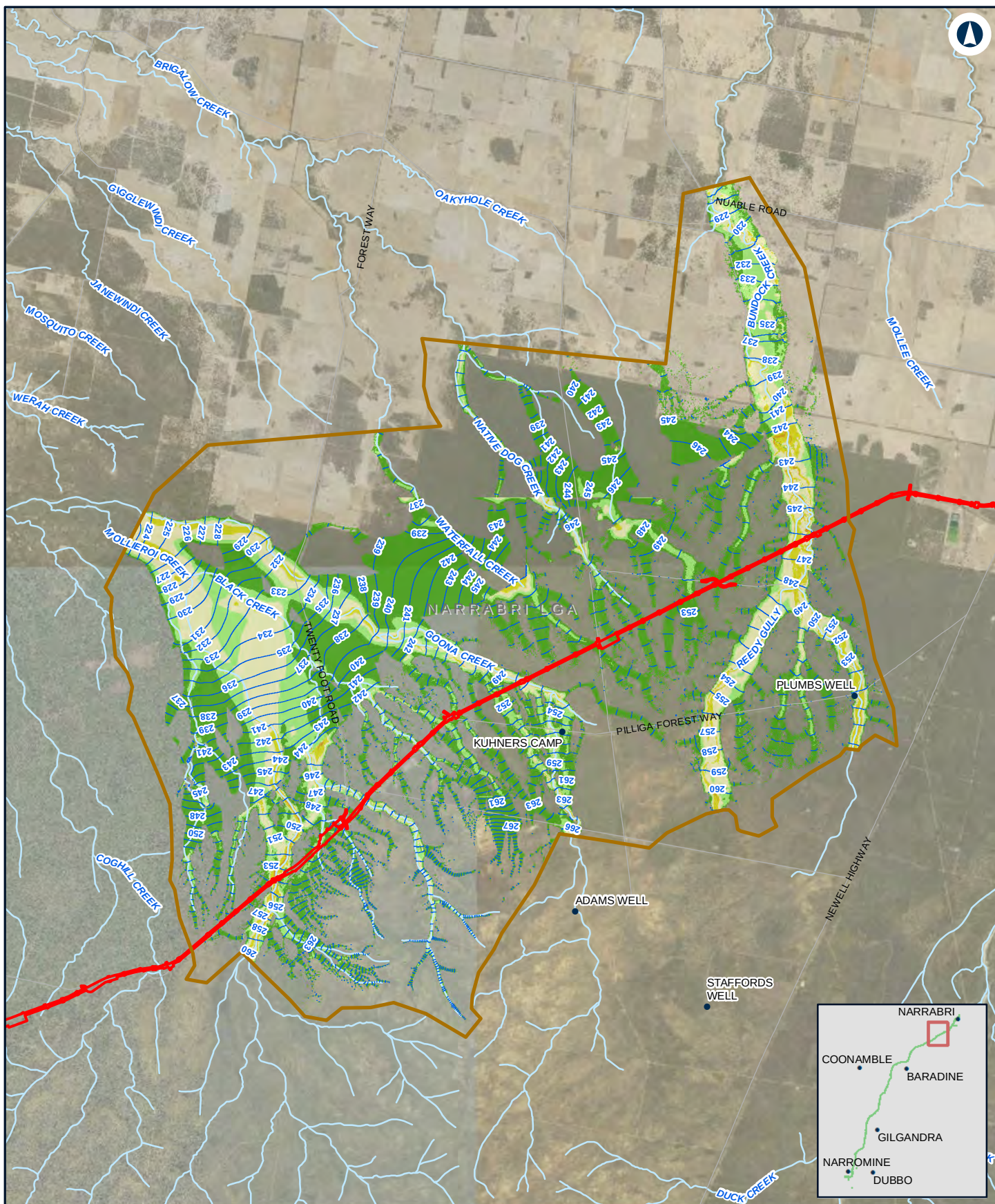
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 2% AEP -N2N23

Appendix D Figure 1.3I

0 1.5 3 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

### Flood depth

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

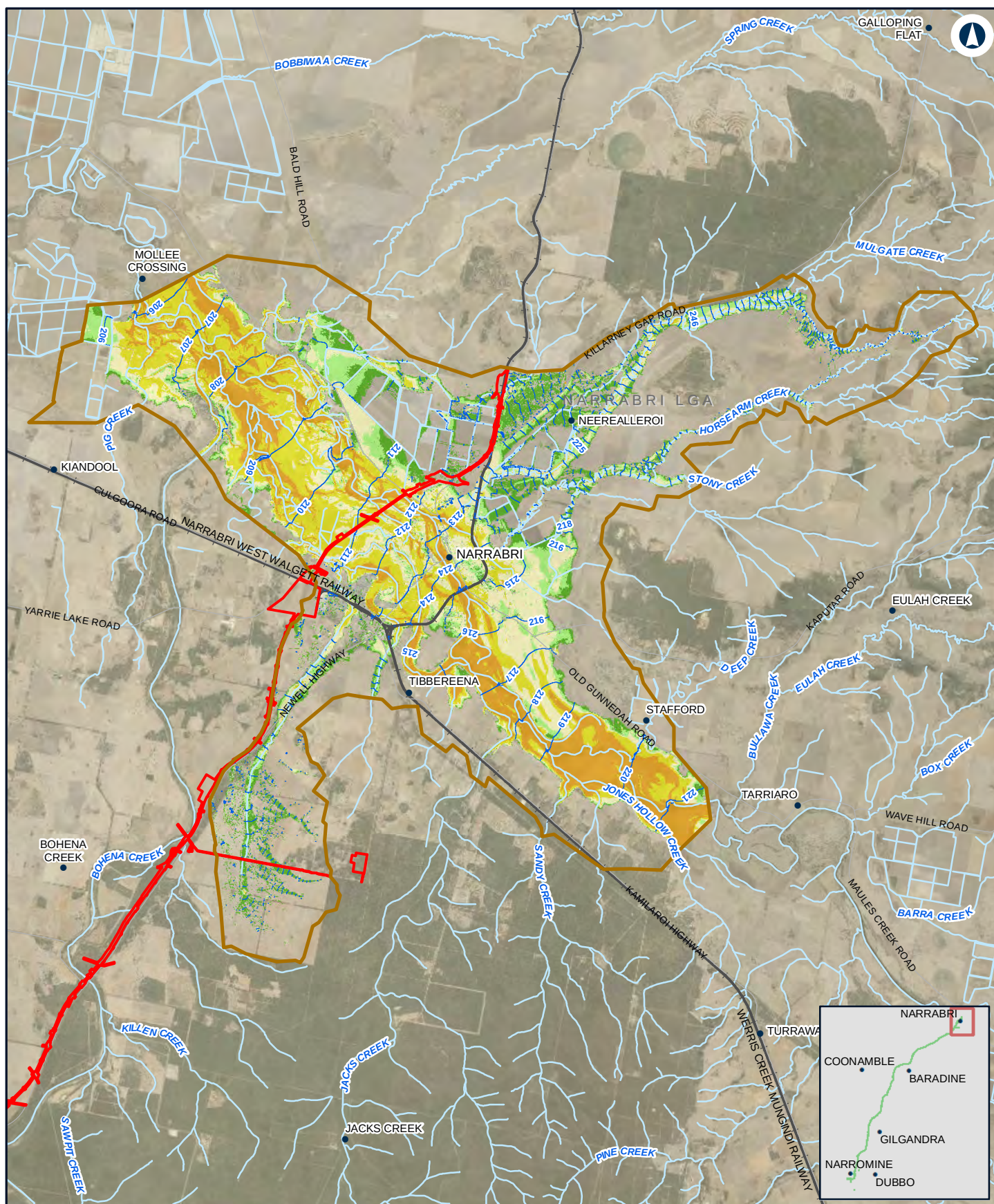
**INLAND RAIL** **ARTC**

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

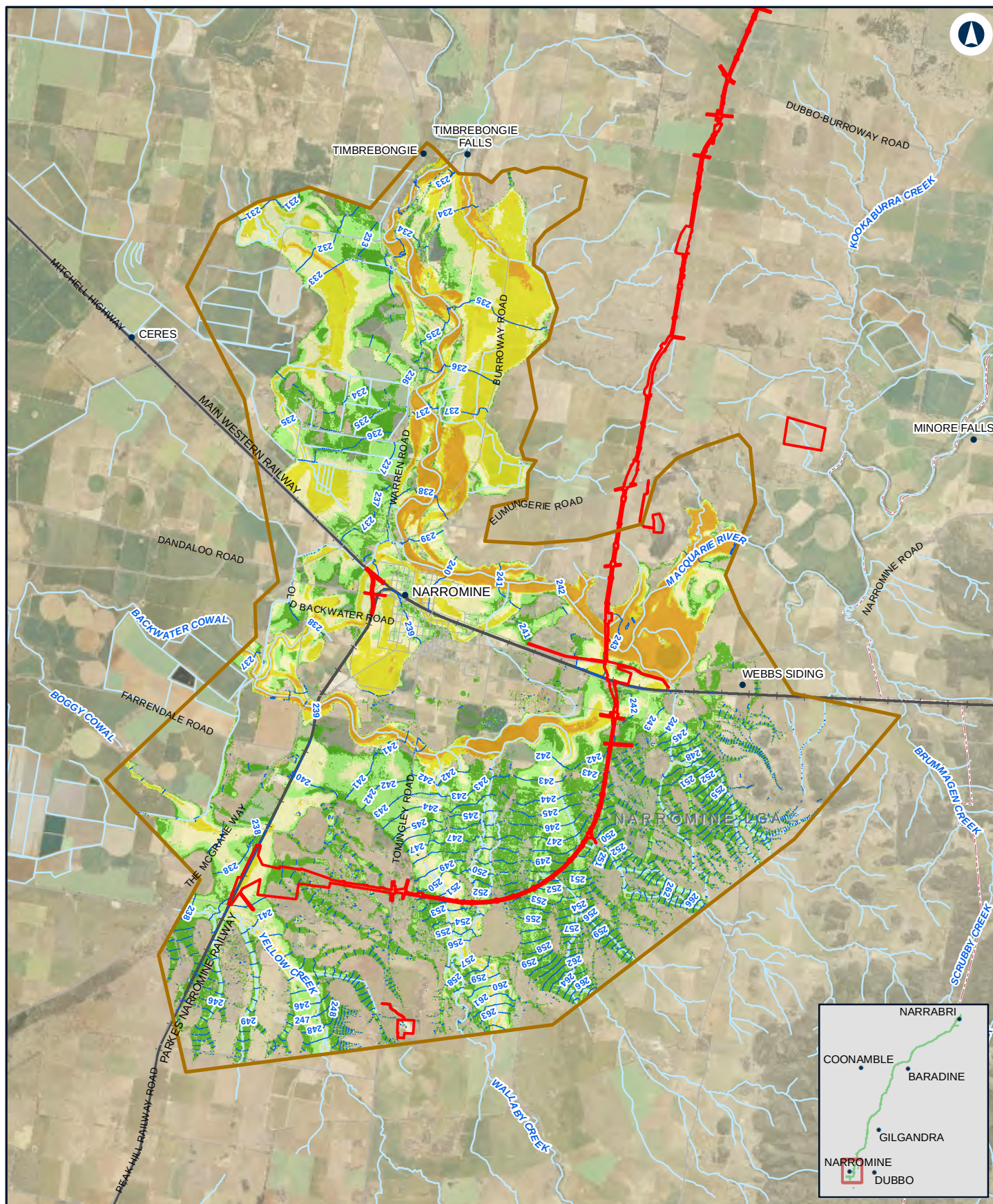












## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -NFM

Appendix D - Figure 1.4a

0 1.5 3 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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:140,120  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHd)
- 1.0m - 2.0m
- > 2.0m

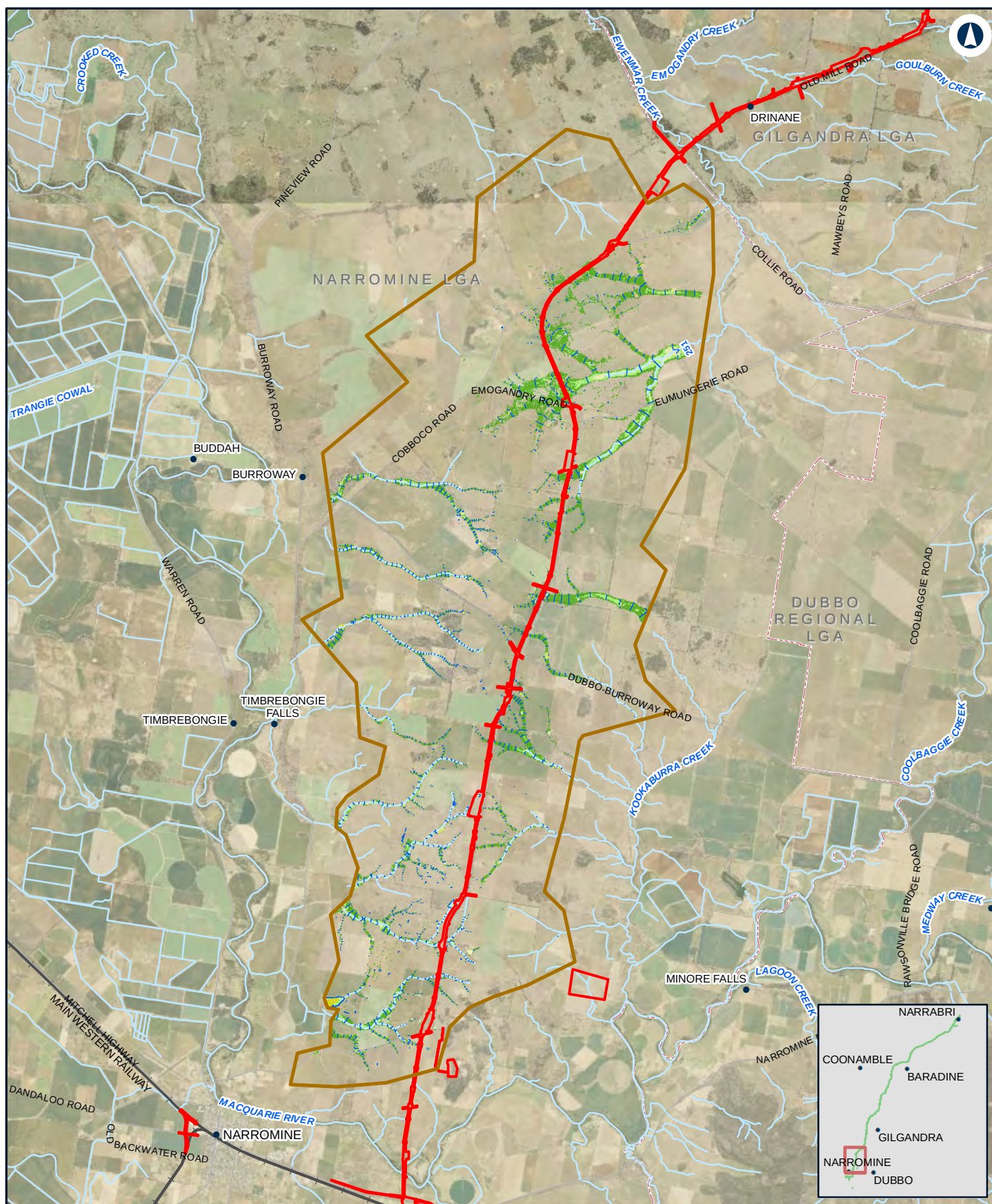
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP - N2N14

Appendix D - Figure 1.4b

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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:150,230  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

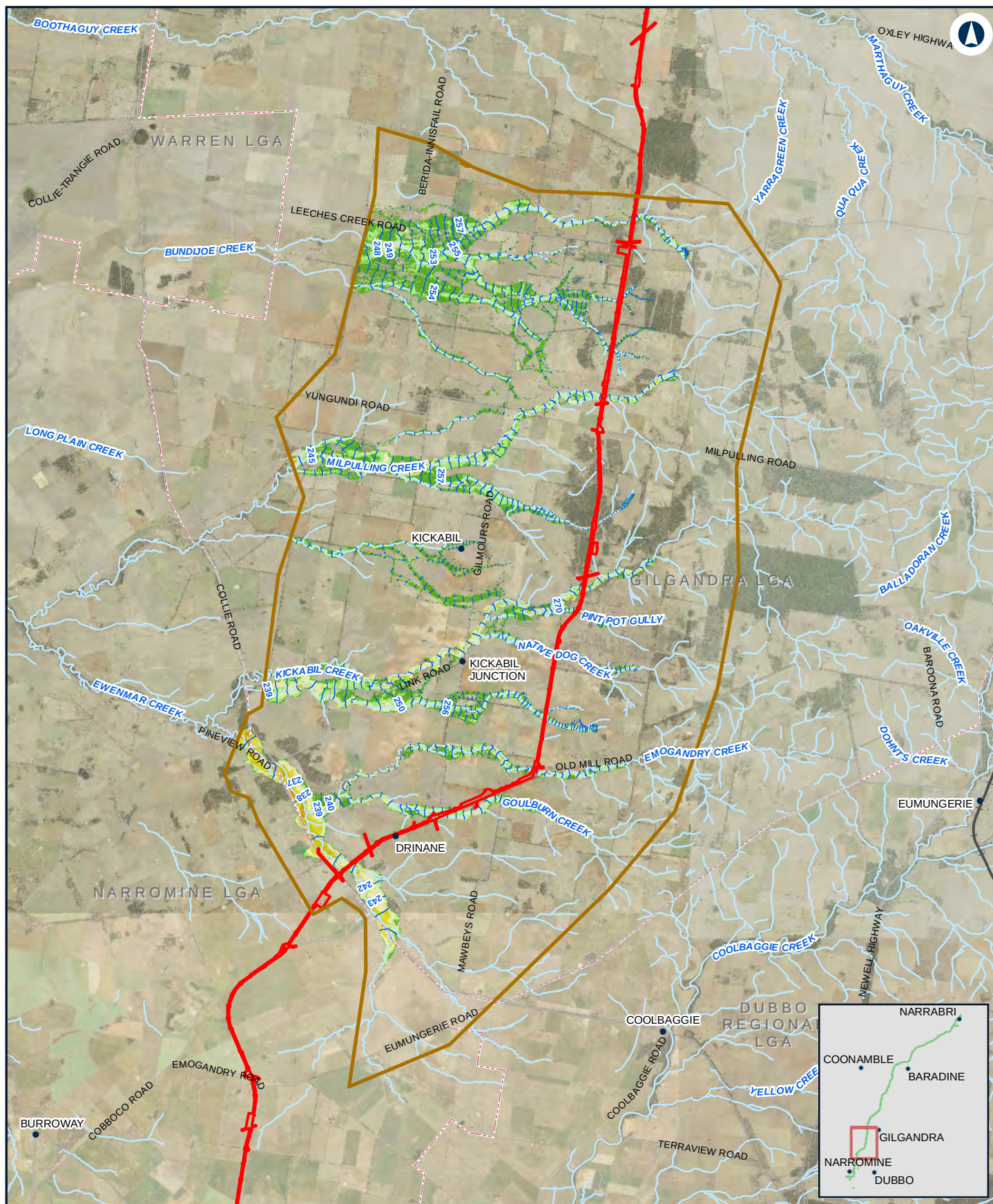
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N13

Appendix D - Figure 1.4c

0 2.5 5  
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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:187,040  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

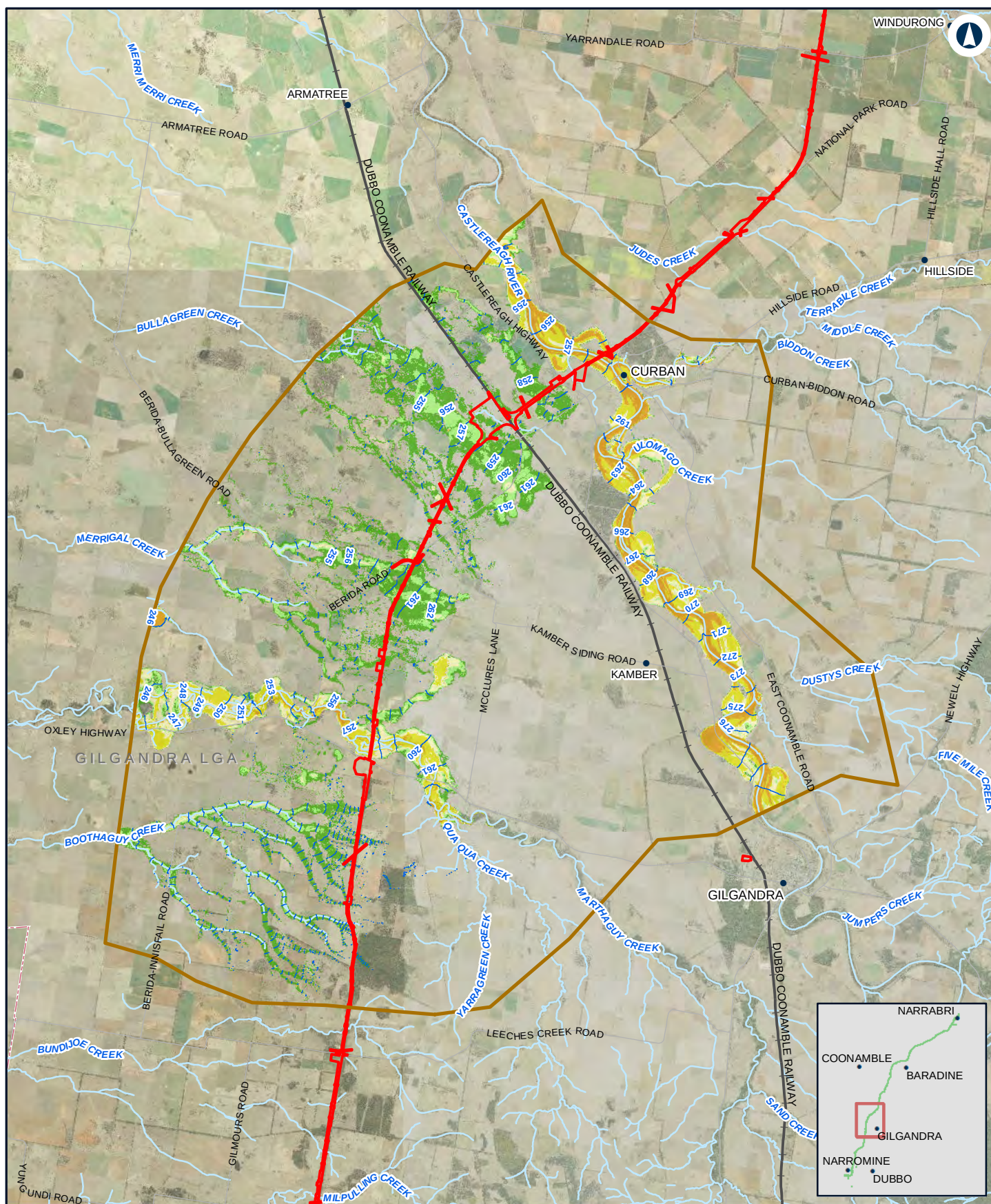
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N11N12

Appendix D - Figure 1.4d

0 2.5 5  
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: 27/10/2020  
Author: JacobsGHD  
Data Sources: Basemap layers: NSWSS;

Paper: A4  
Scale: 1:198,370

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

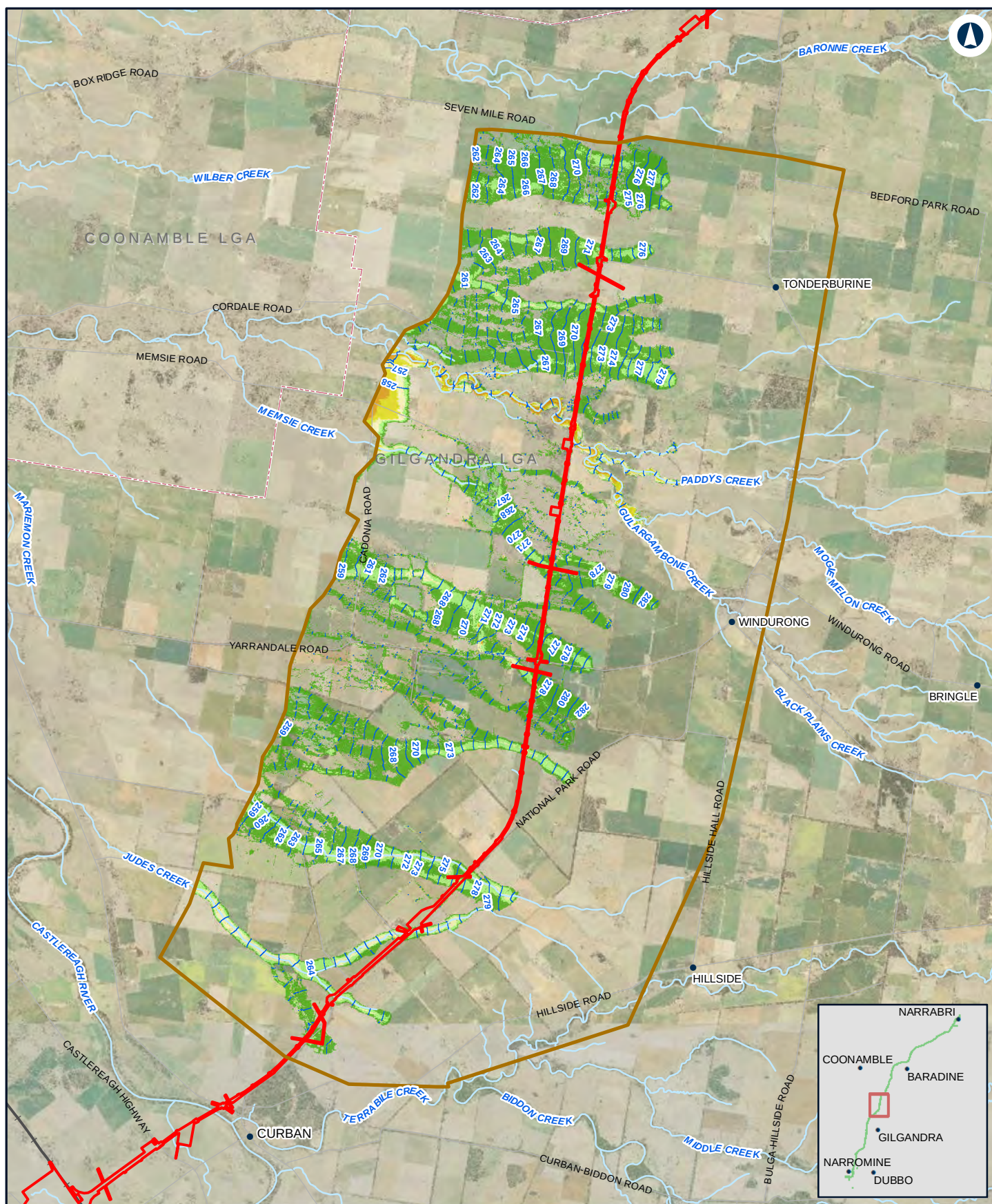
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP - N2N10

Appendix D - Figure 1.4e

0 1.5 3 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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:134,730  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

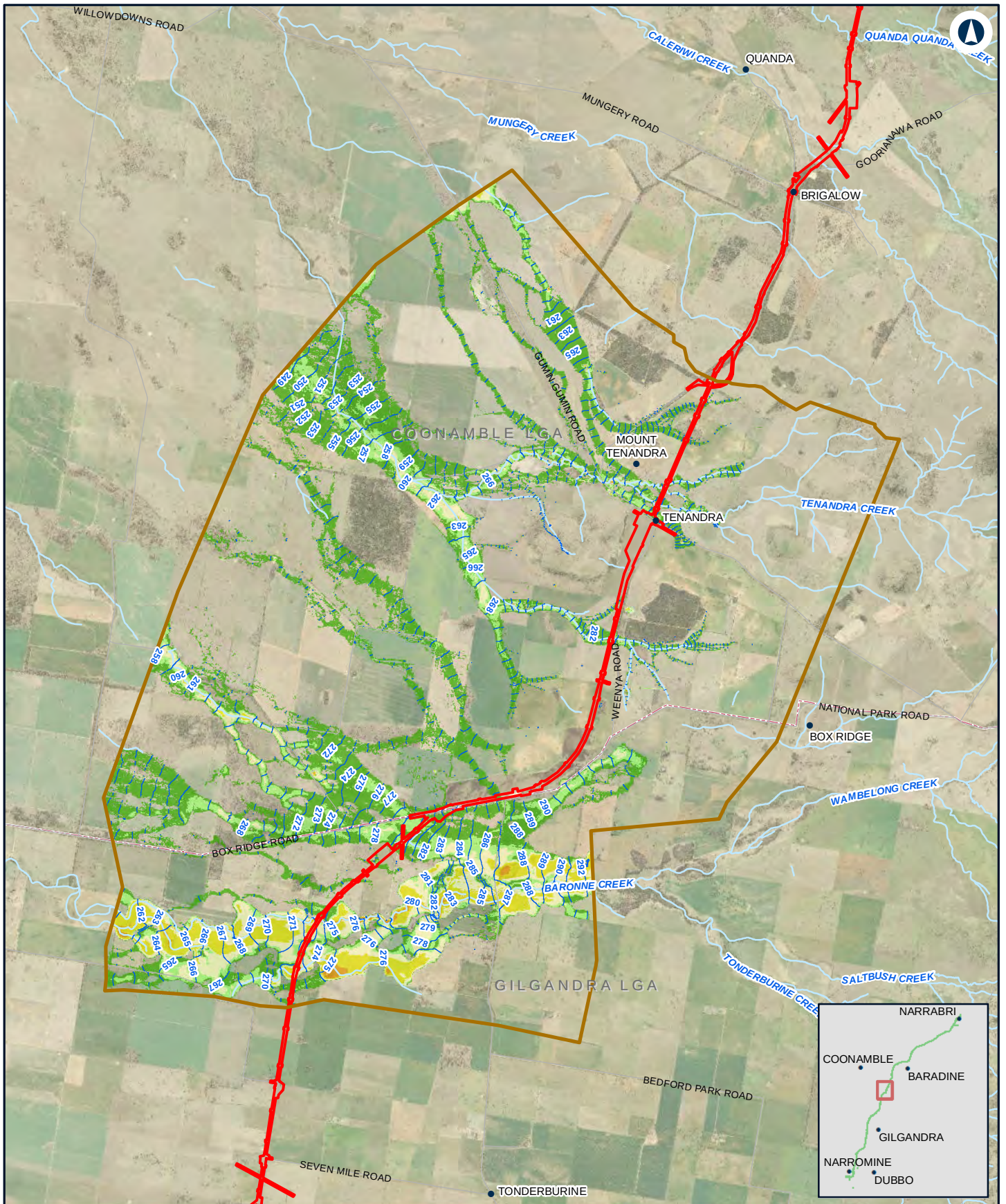
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP - N2N9

Appendix D - Figure 1.4f

0 1 2  
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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:104,540  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

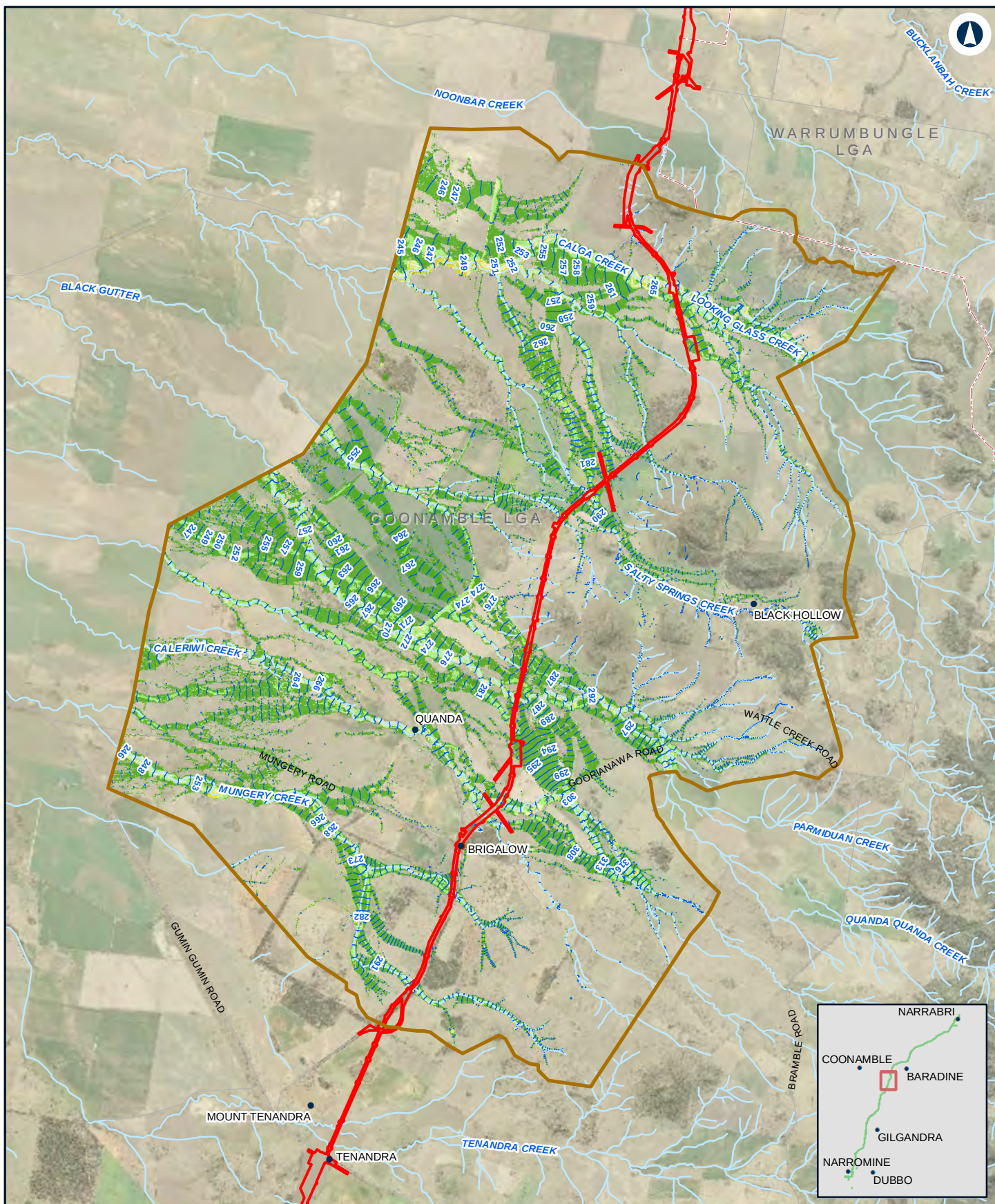
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N8

Appendix D - Figure 1.4g

0 1.5 3 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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:109,440  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

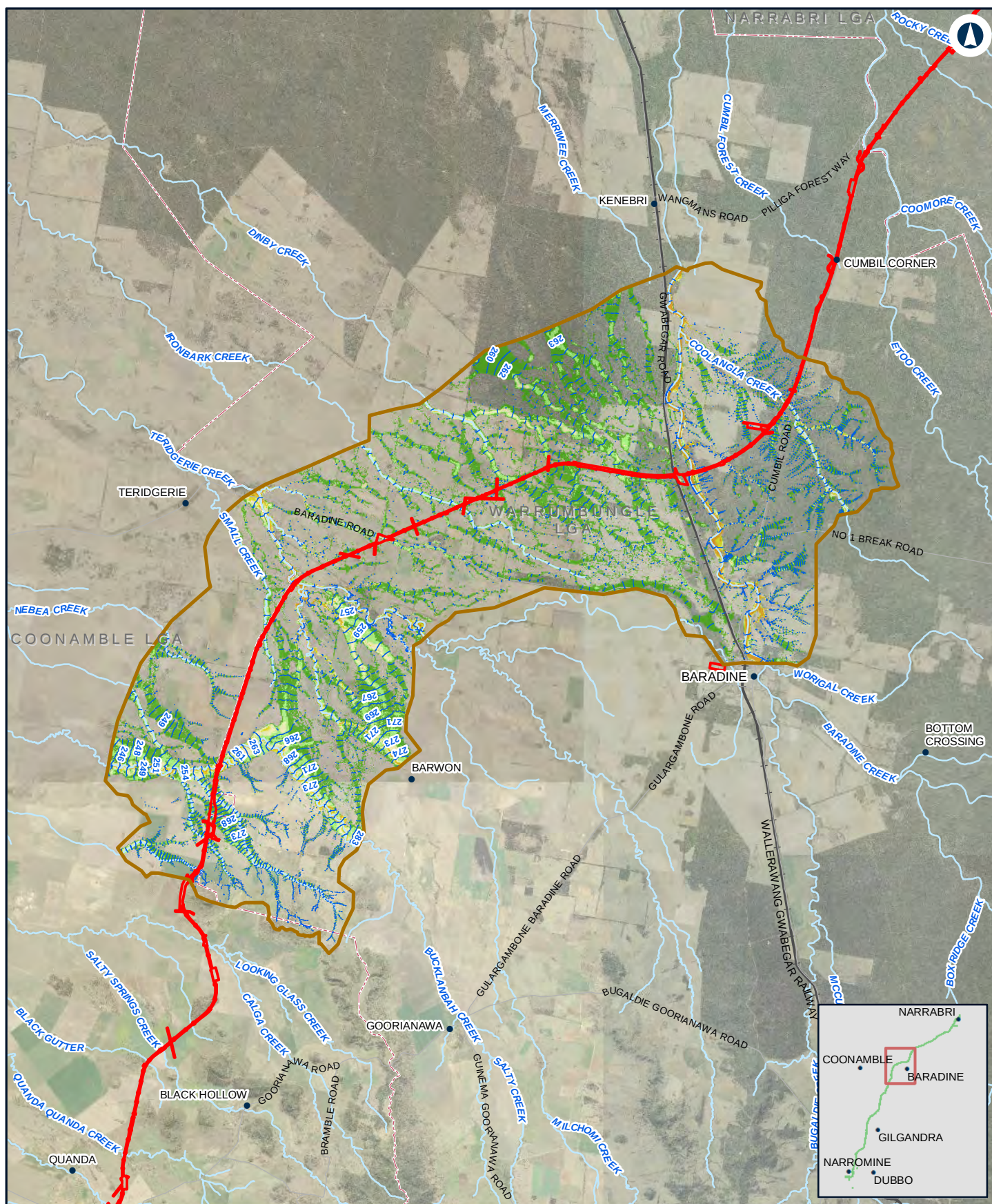
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N7

Appendix D - Figure 1.4h

0 3 6 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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:212,360  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

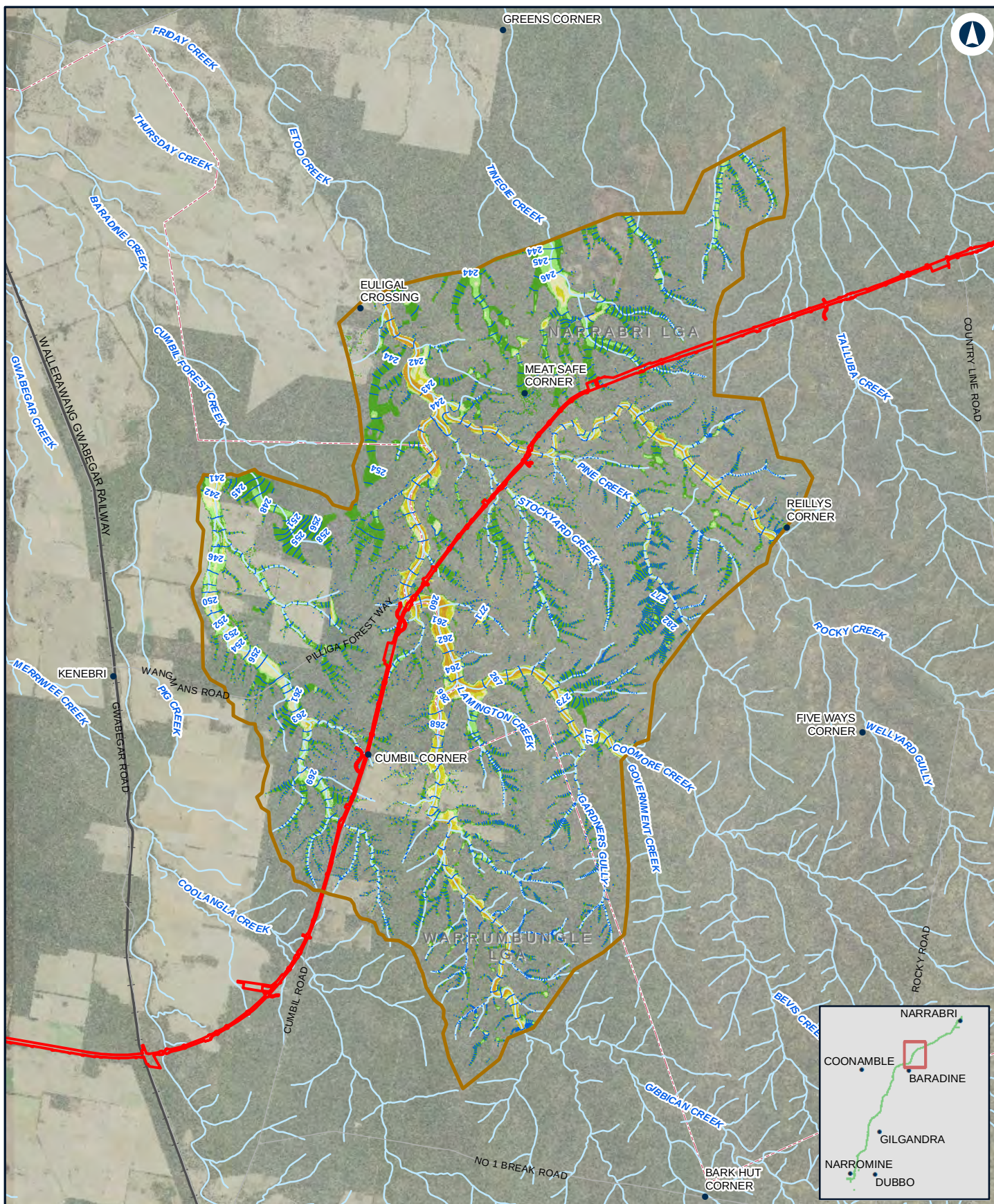
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N6

Appendix D - Figure 1.4i

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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:152,750  
Data Sources: Basemap layers: NSWSS;

### LEGEND

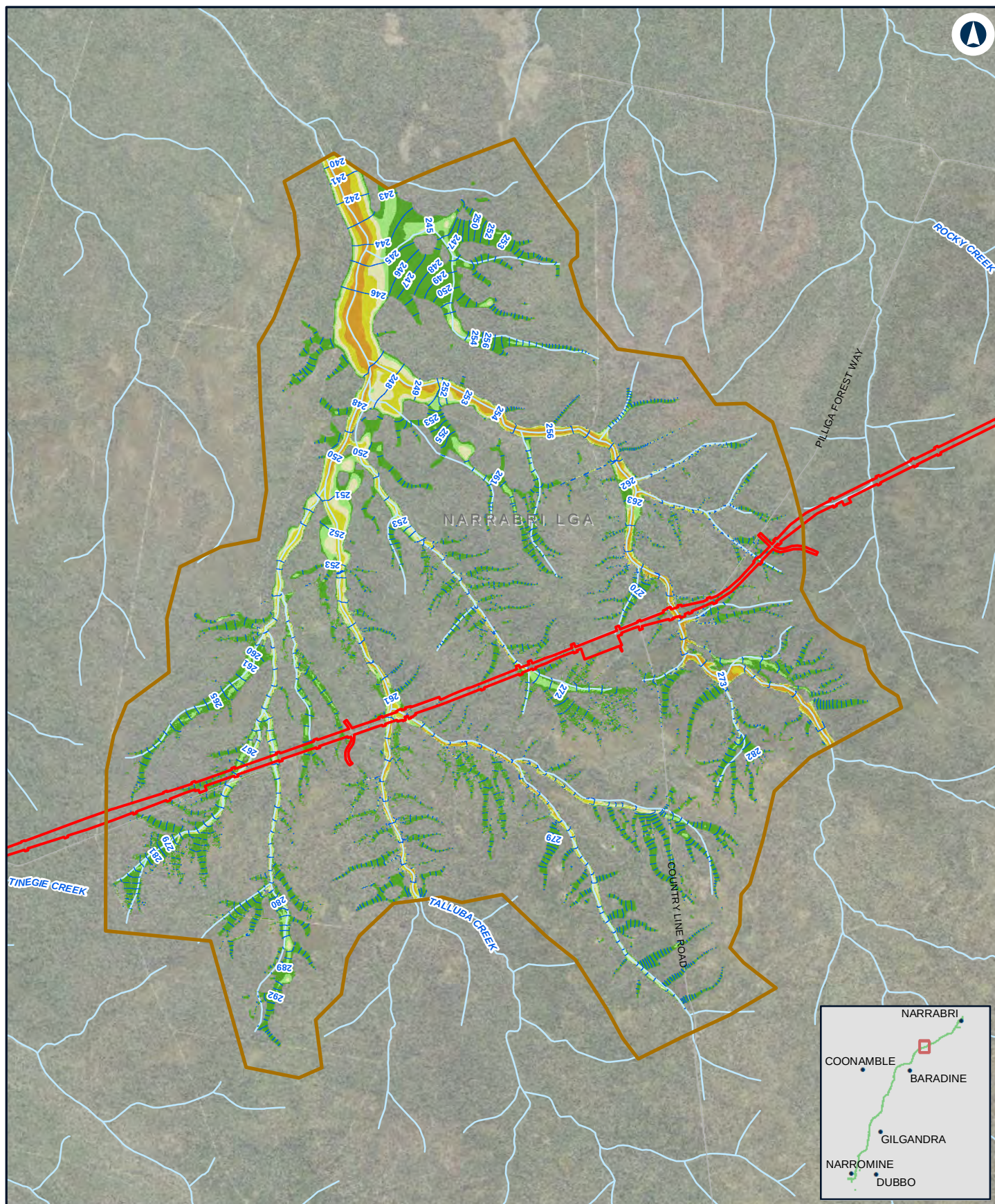
- The proposal
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

### Flood depth

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N5

Appendix D - Figure 1.4j

0 0.95 1.9  
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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:69,470  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

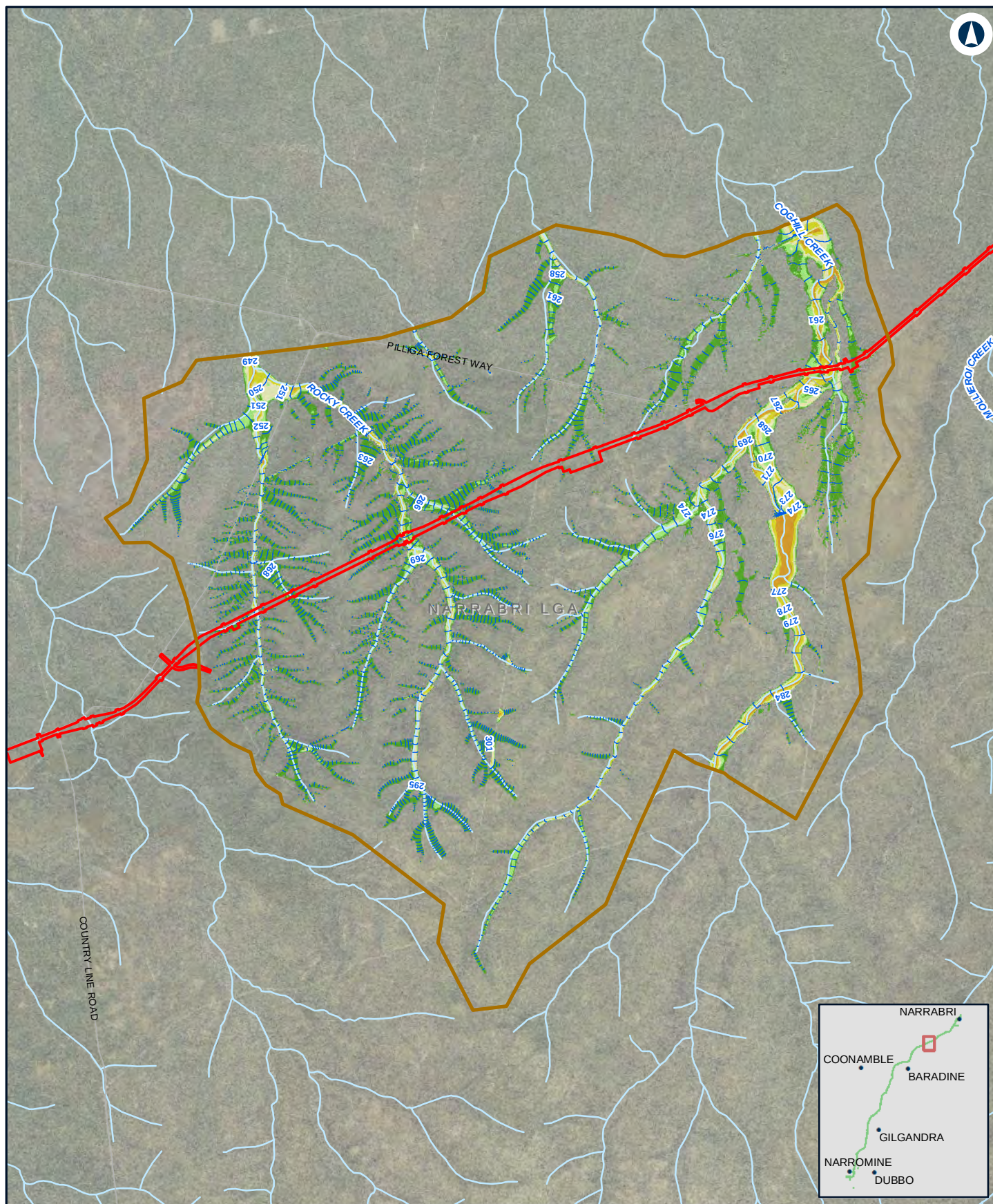
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N4

Appendix D - Figure 1.4k

0 1 2  
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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:80,540  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

### Flood depth

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

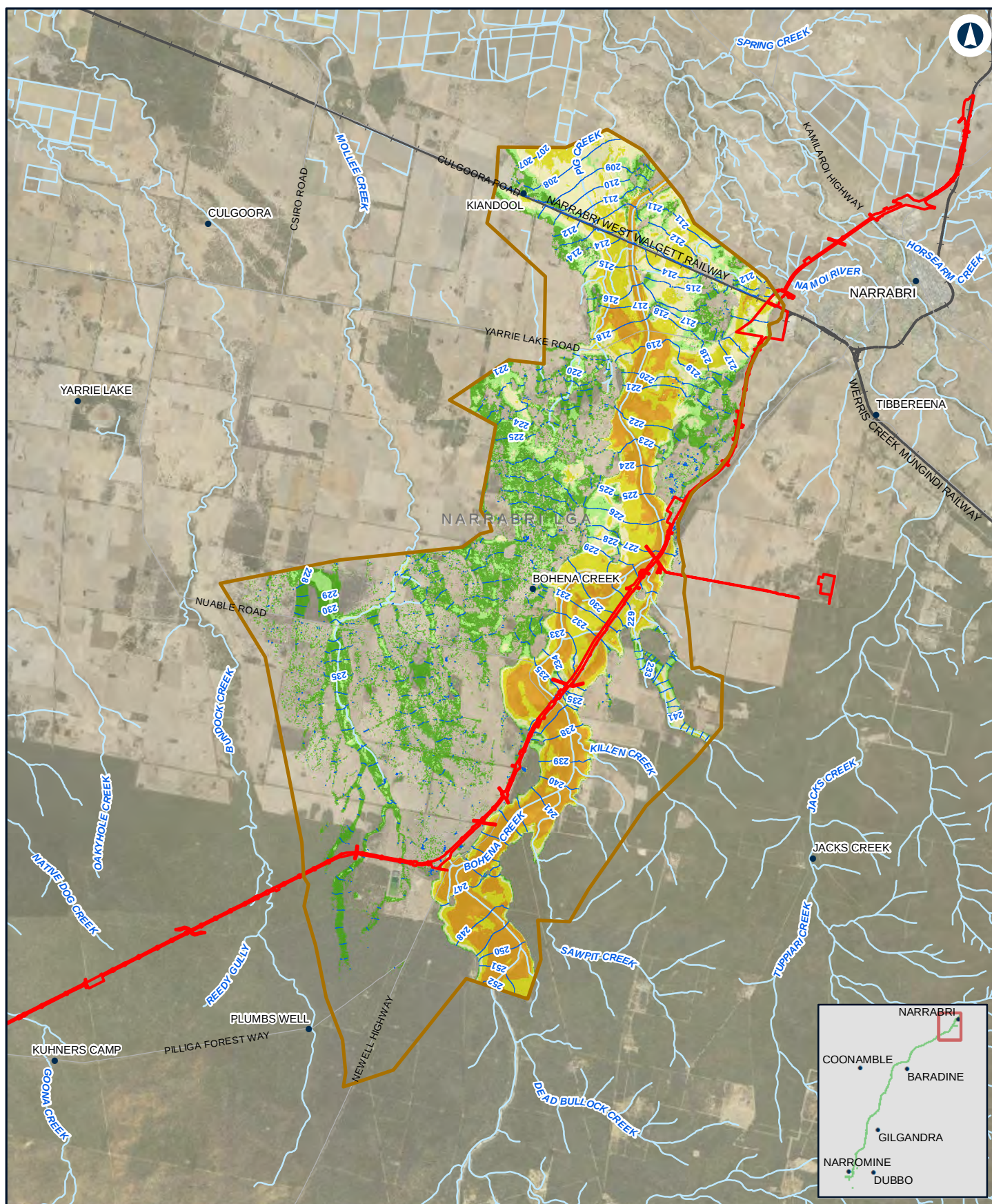
**INLAND RAIL** **ARTC**

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









## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -N2N1

Appendix D - Figure 1.4m

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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:160,800  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHd)
- 1.0m - 2.0m
- > 2.0m

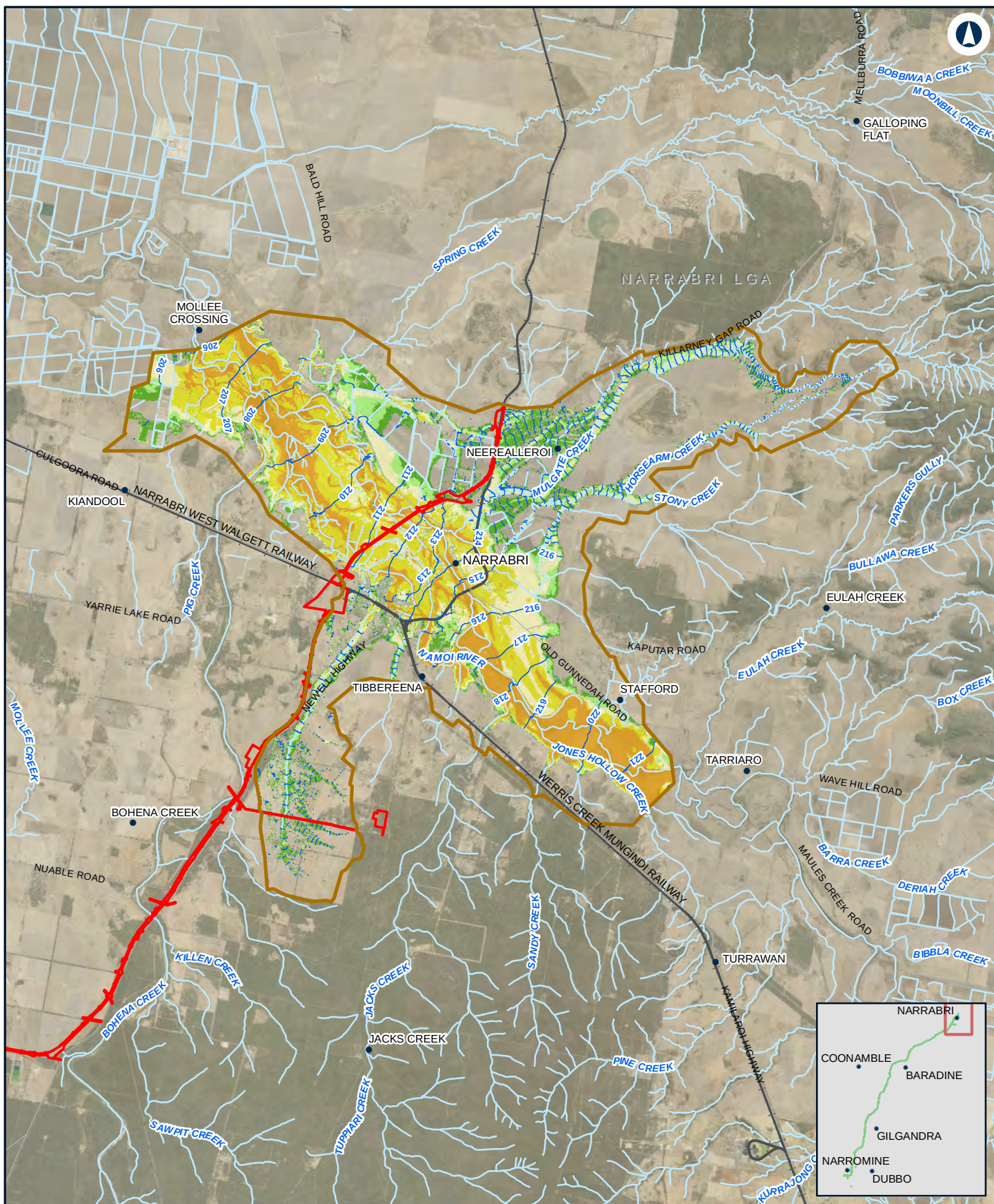
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARRABRI TO NARRABRI

Existing peak depth / level (contour) - 1% AEP -Narrabri

Appendix D - Figure 1.4n

0 2.5 5  
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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:190,920  
Data Sources: Basemap layers: NSWSS;

### LEGEND

- The proposal
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

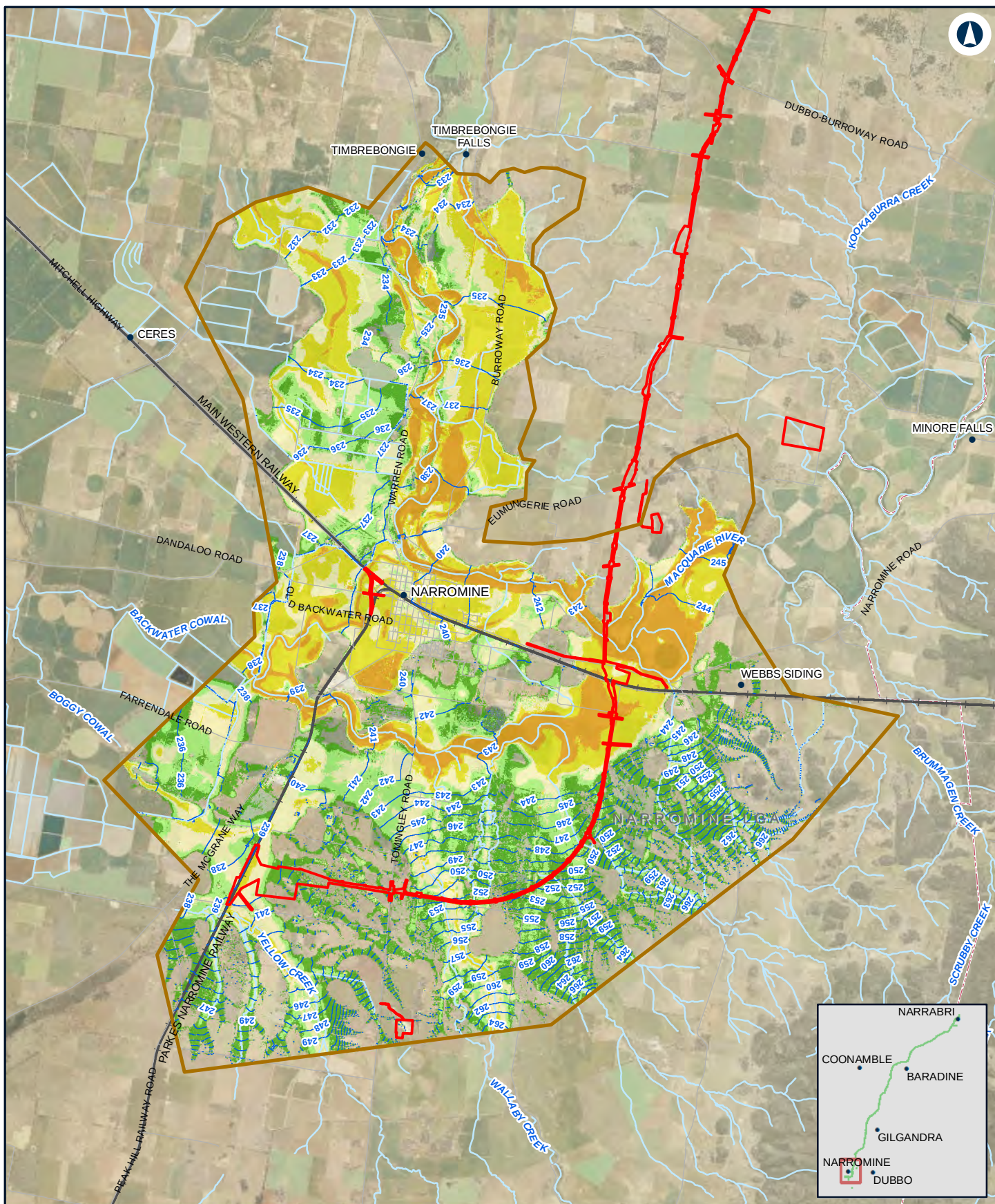
### Flood depth

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

**INLAND RAIL** **ARTC**

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





0 1.5 3 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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:140,120

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

#### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

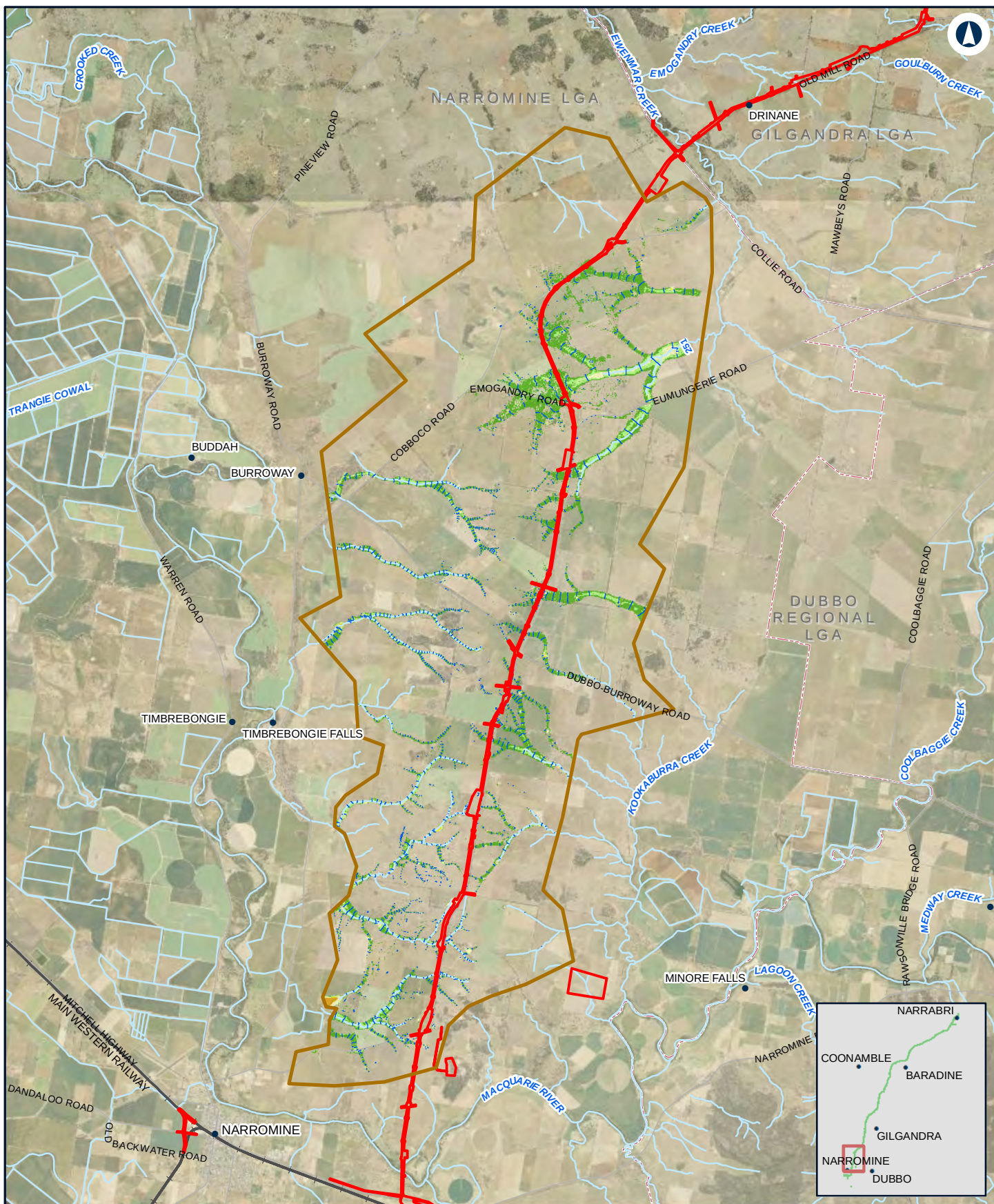
#### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N14

Appendix D Figure 1.5b

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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:150,130

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

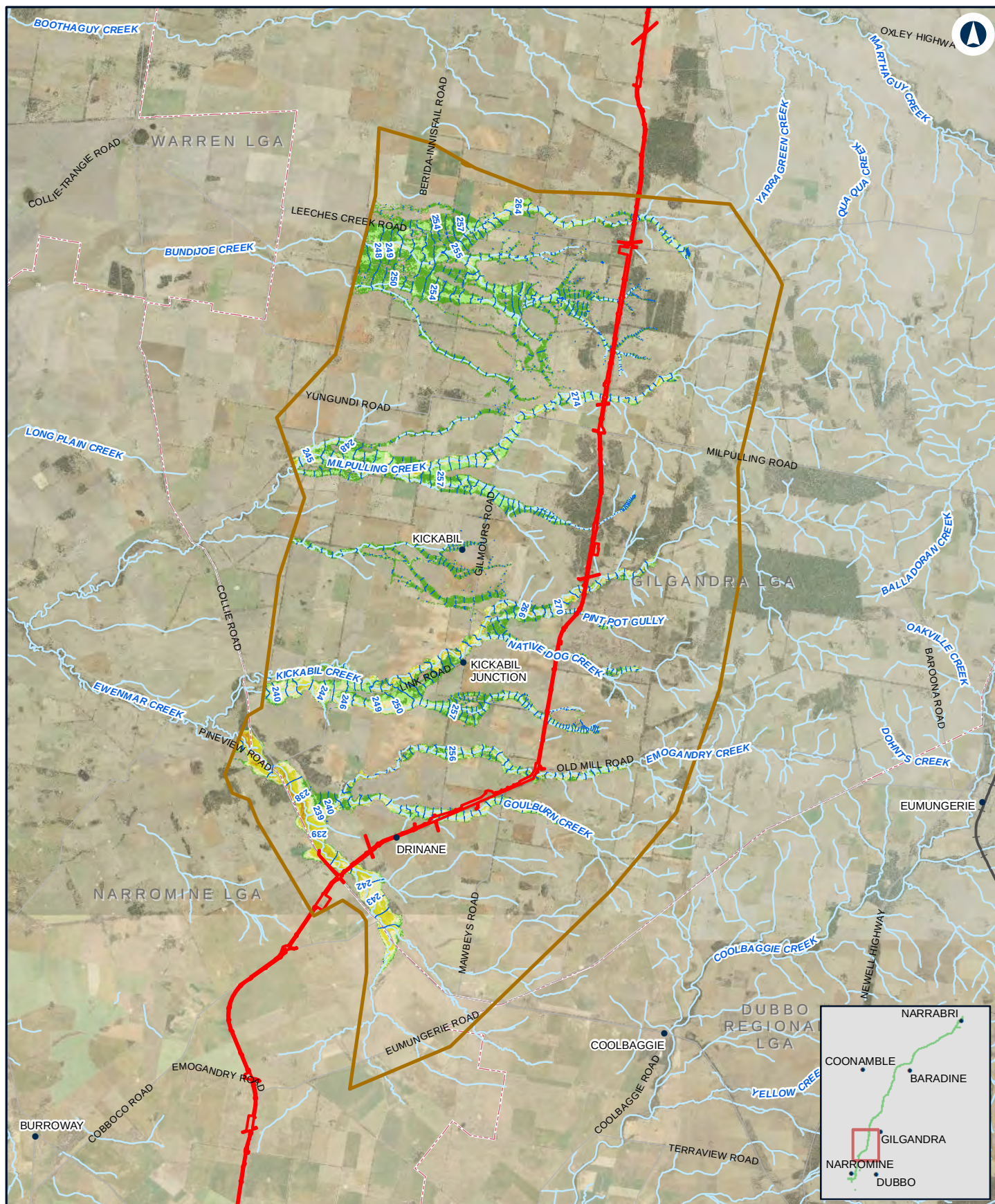
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N13

Appendix D Figure 1.5c

0 2.5 5  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:186,910

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

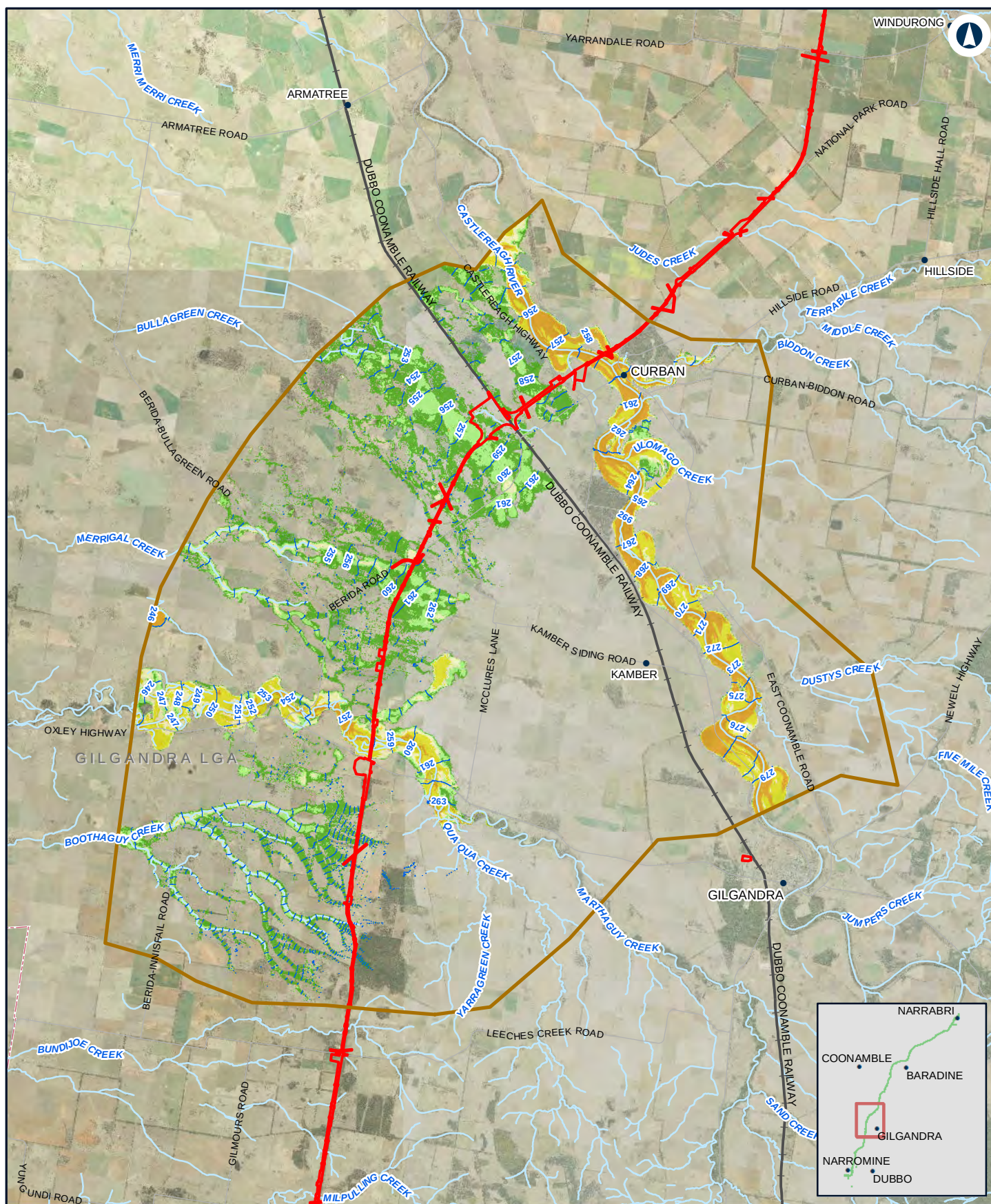
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N11N12Appendix D Figure 1.5d

0 2.5 5  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:198,370

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

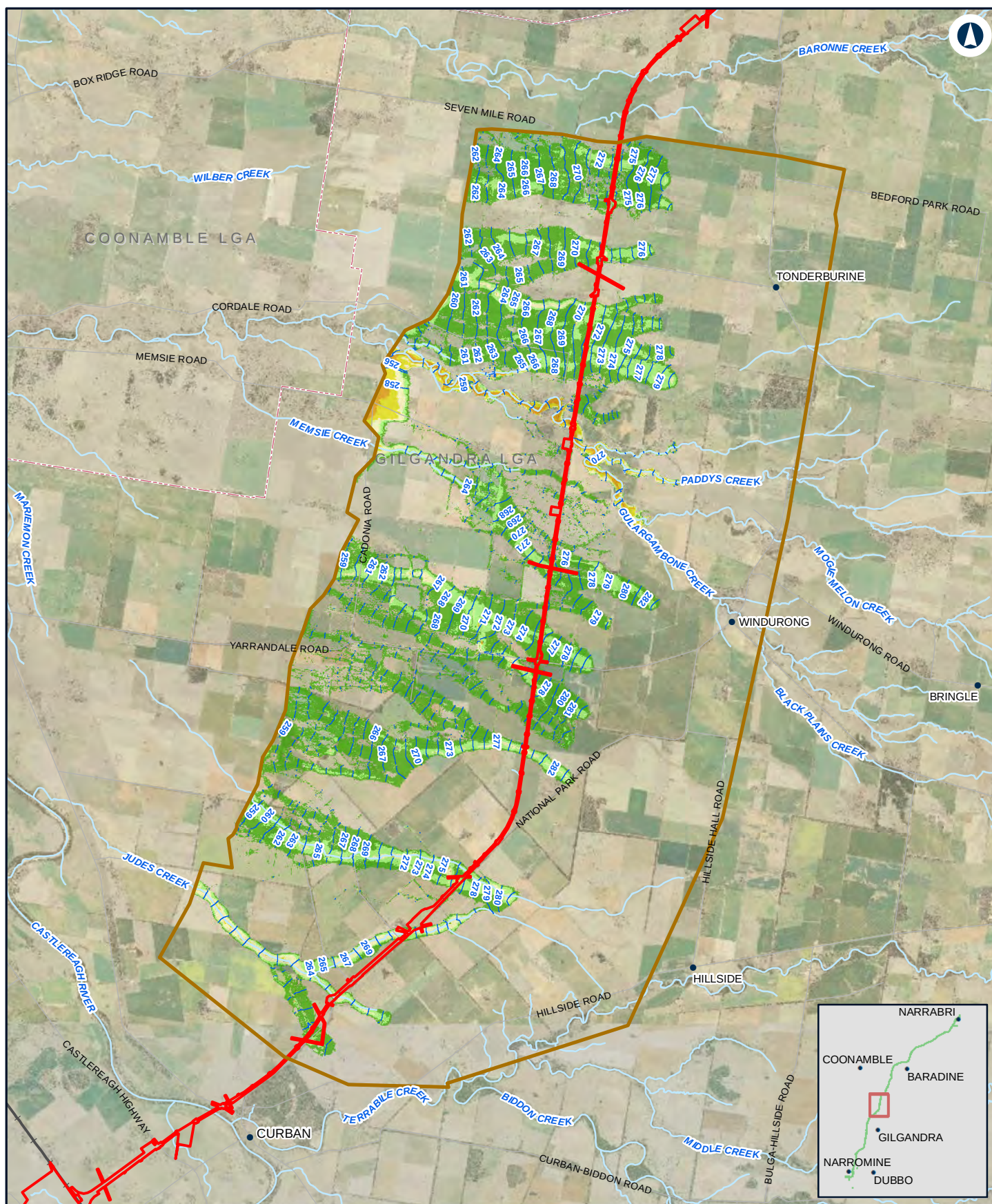
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N10

Appendix D Figure 1.5e

0 1.5 3 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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:134,640

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

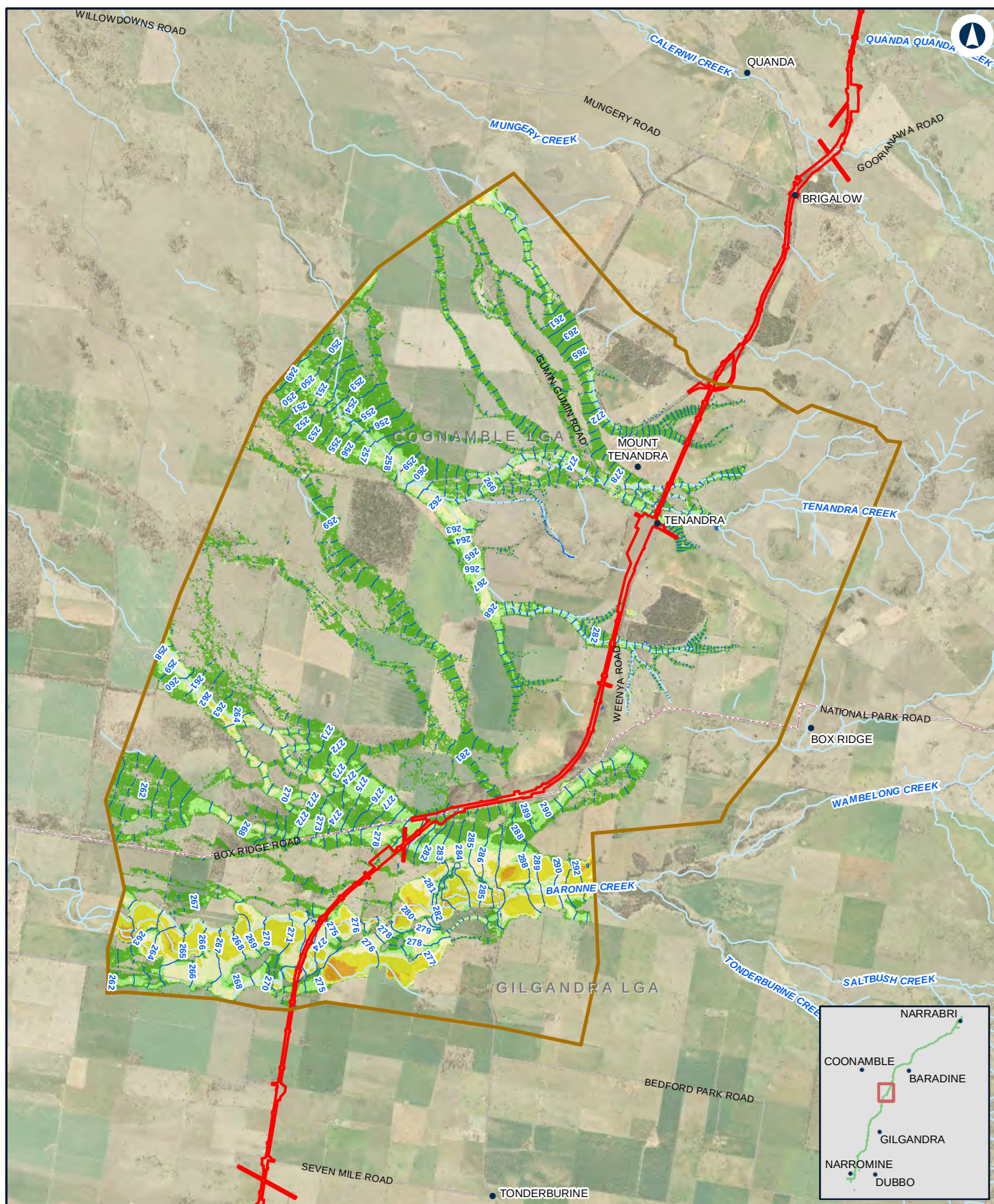
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N9

Appendix D Figure 1.5f

0 1 2  
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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:104,540

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

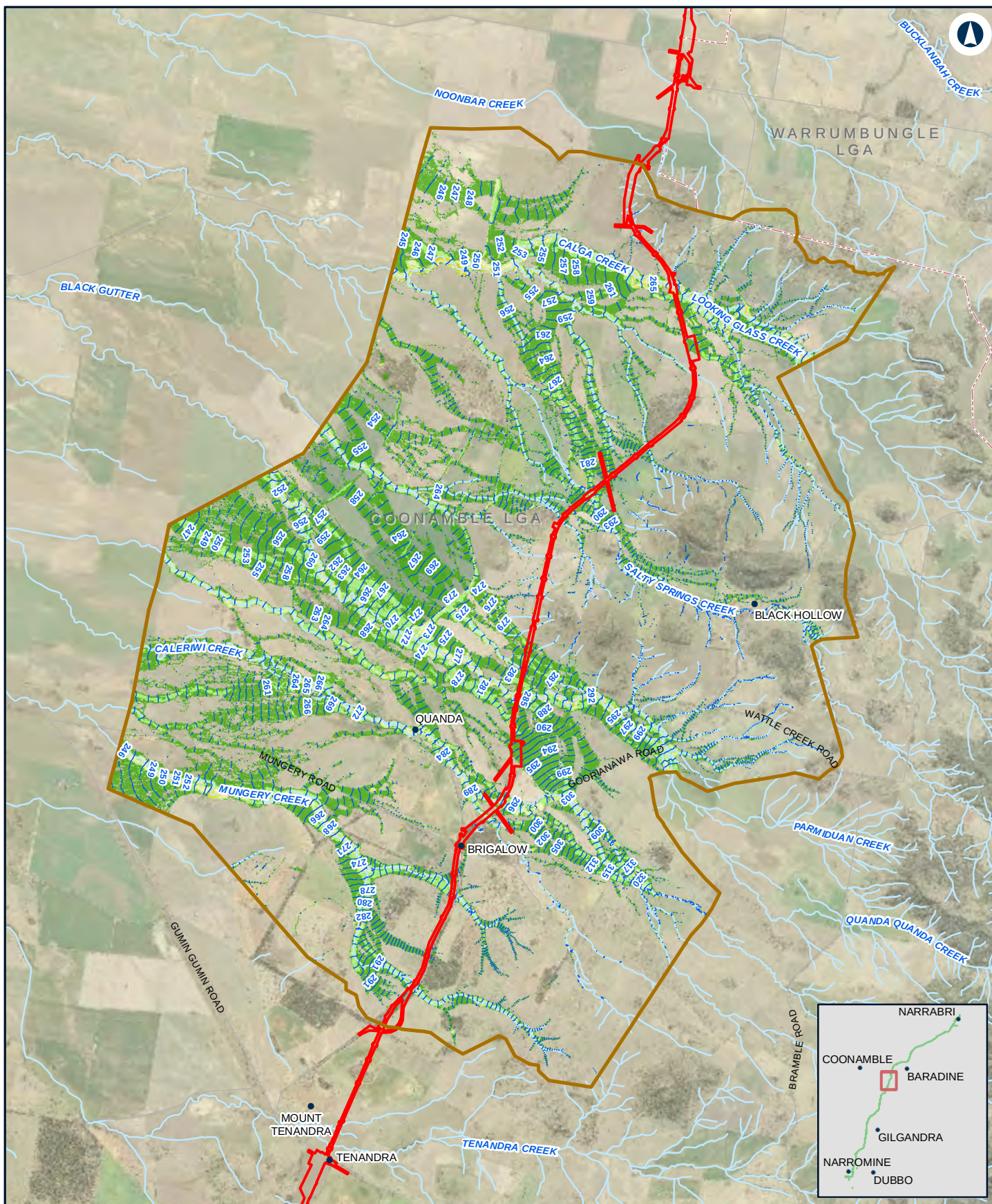
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N8

Appendix D Figure 1.5g

0 1.5 3  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:109,370

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

### Flood depth

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

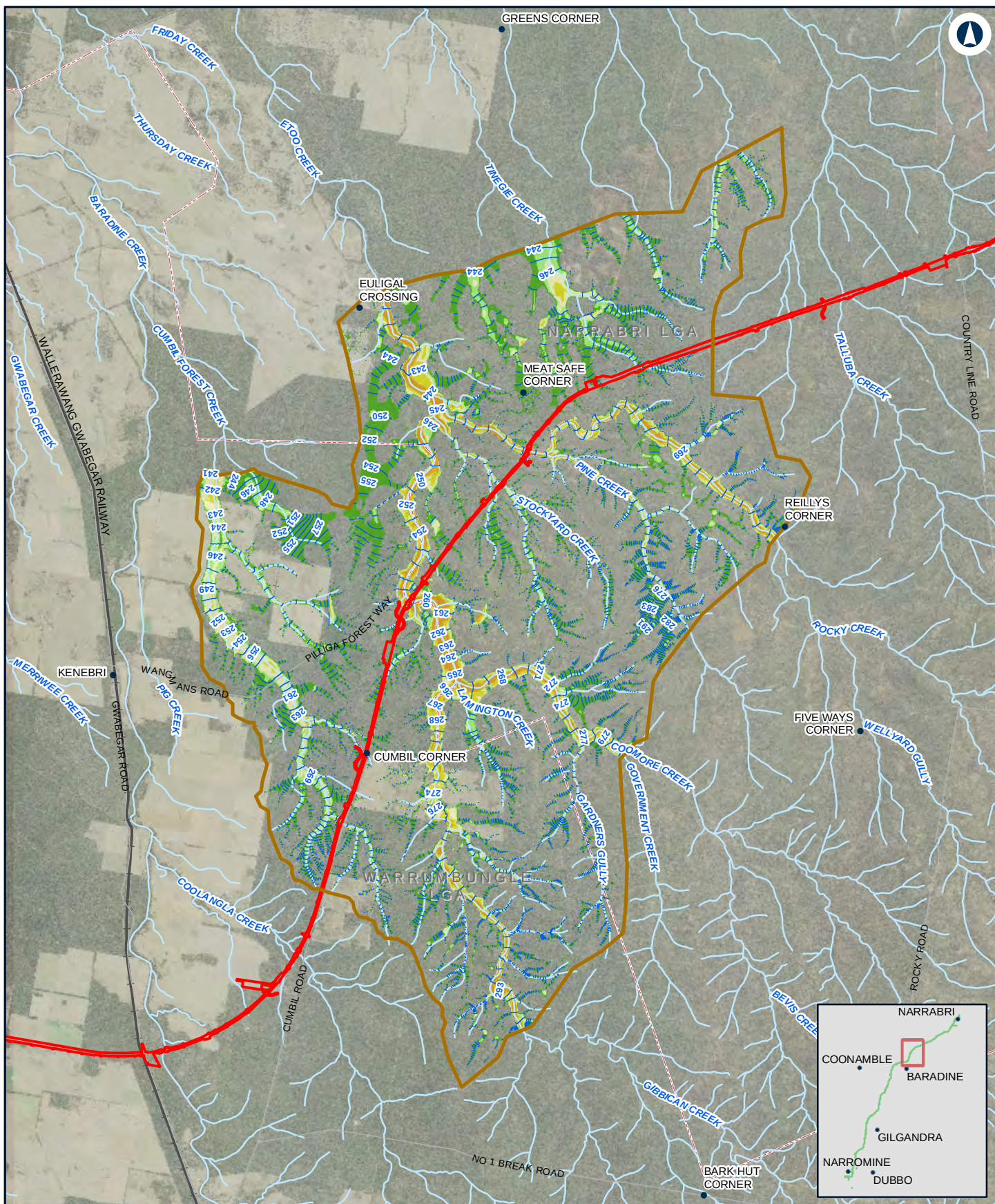
**INLAND RAIL** **ARTC**

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









## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N6

Appendix D Figure 1.5i

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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:152,650

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

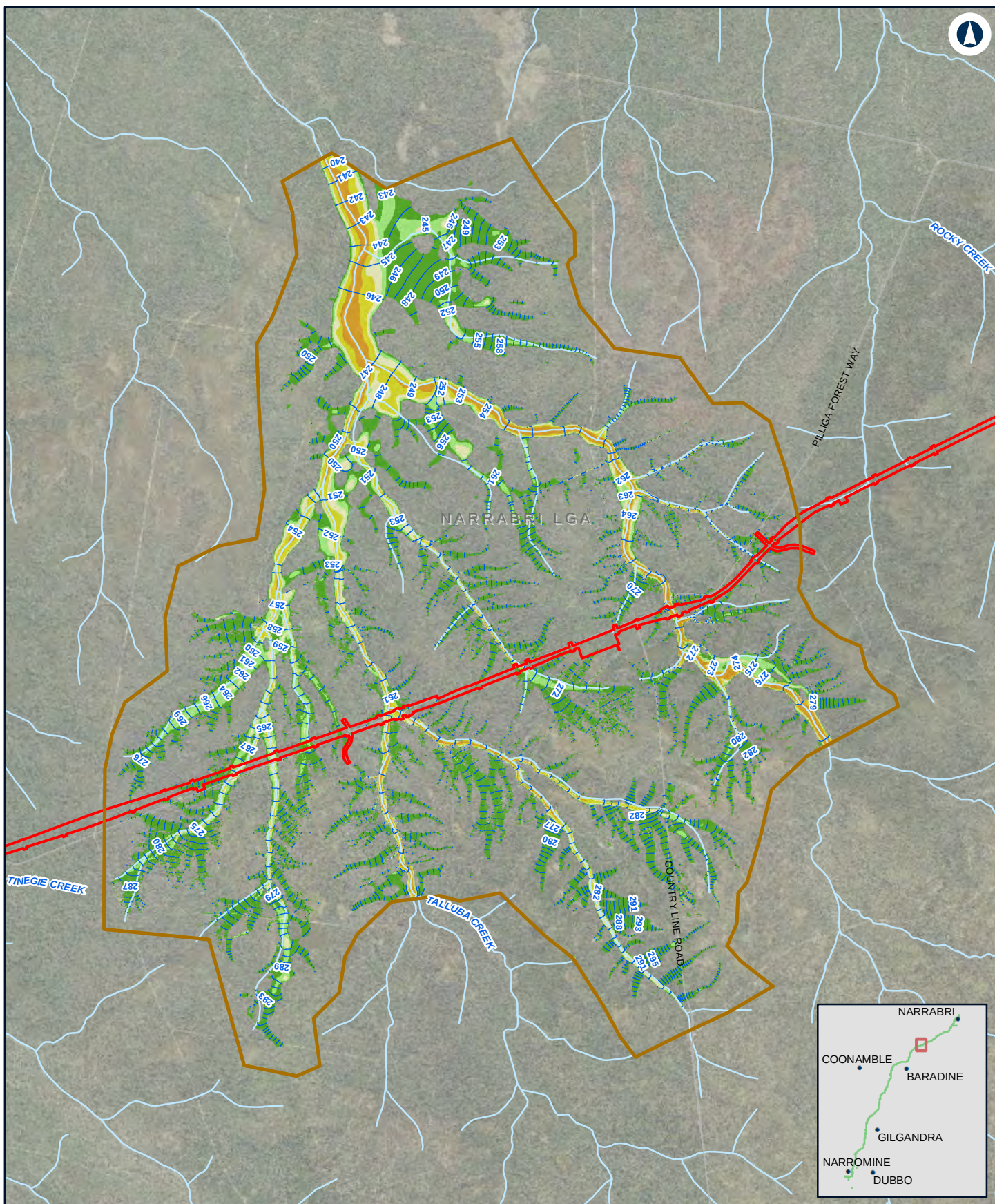
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N5

Appendix D Figure 1.5j

0 0.95 1.9  
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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:69,470

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

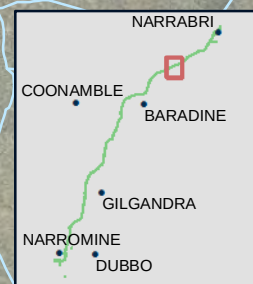
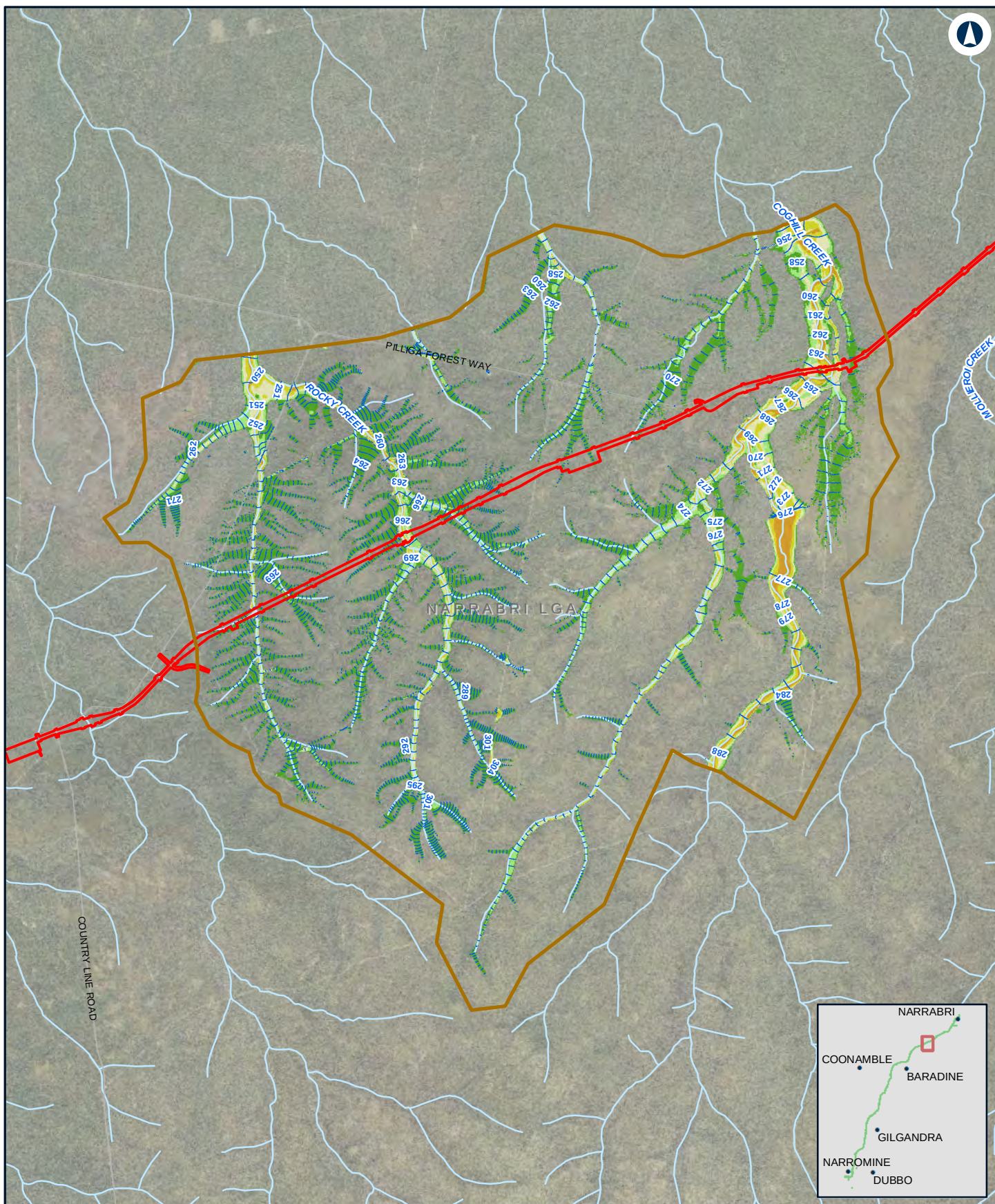
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N4

Appendix D Figure 1.5k

0 1 2  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:80,540

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

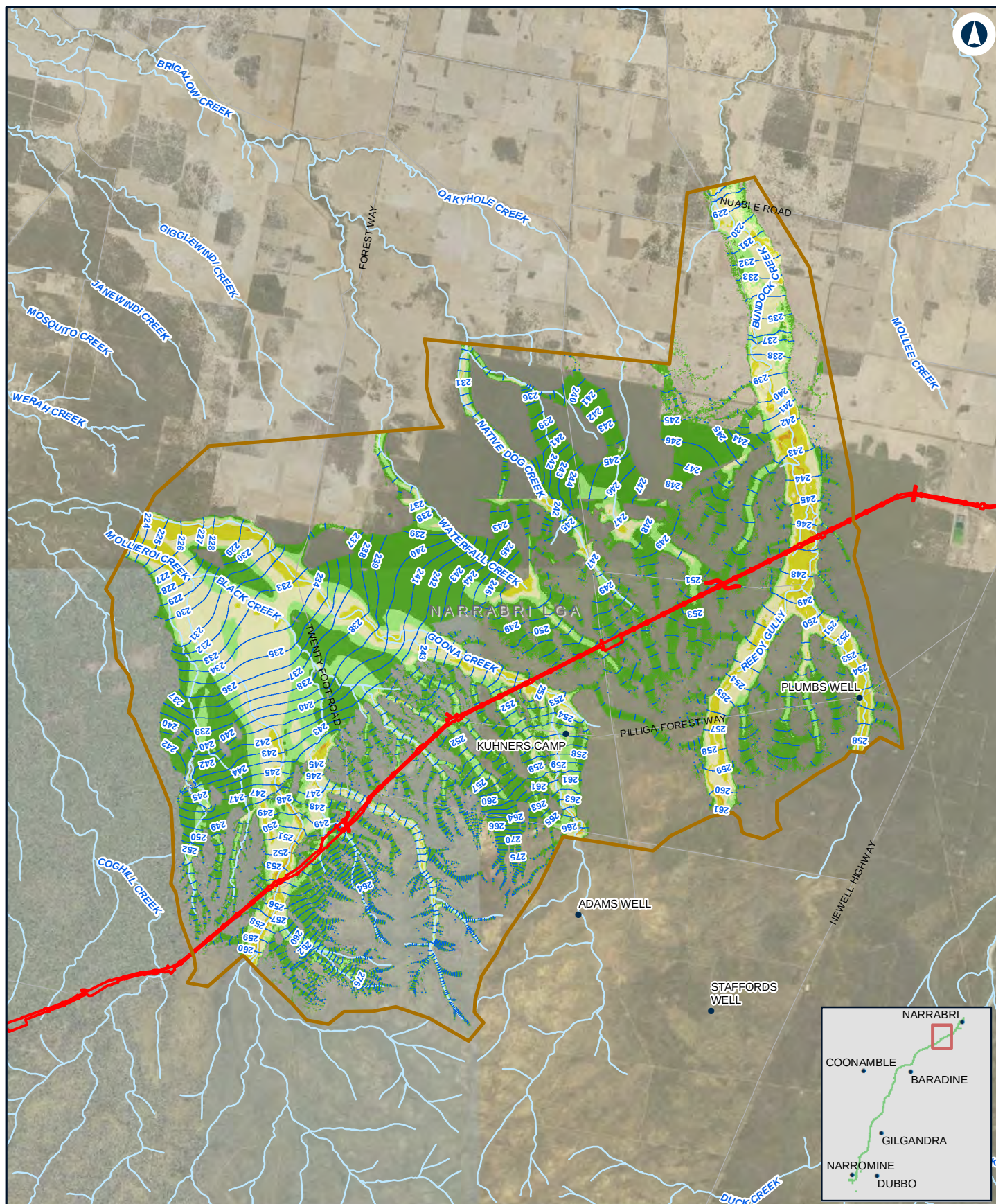
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N23

Appendix D Figure 1.5I

0 1.5 3 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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:139,650

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

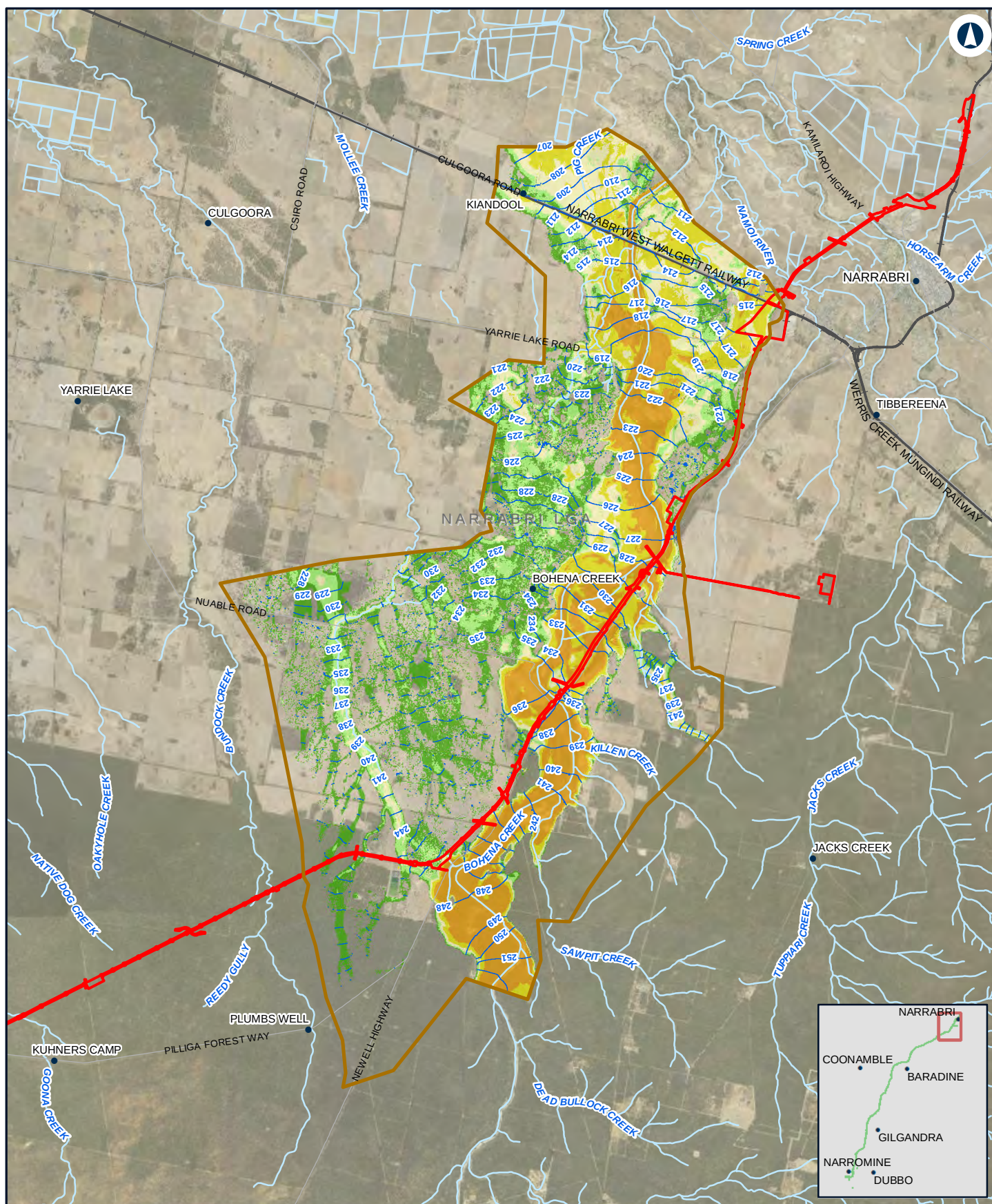
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change -N2N1

Appendix D Figure 1.5m

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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:160,700

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

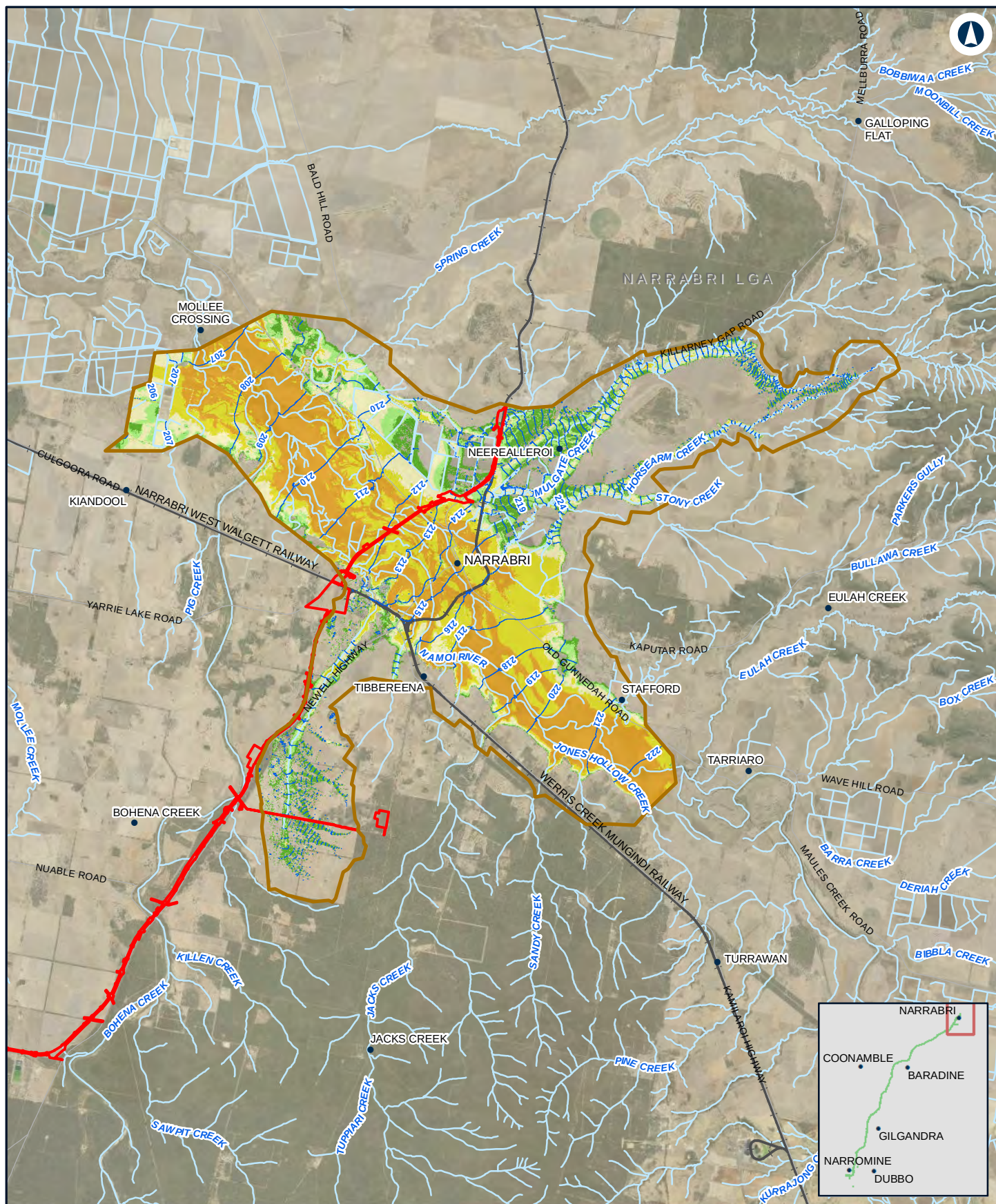
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 1% AEP with climate change - Narrabri

Appendix D Figure 1.5n

0 2.5 5  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:190,920

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

### LEGEND

The proposal site

Model boundary

Flood level (mAHD)

### Flood depth

0.0m - 0.25m

0.25m - 0.5m

0.5m - 1.0m

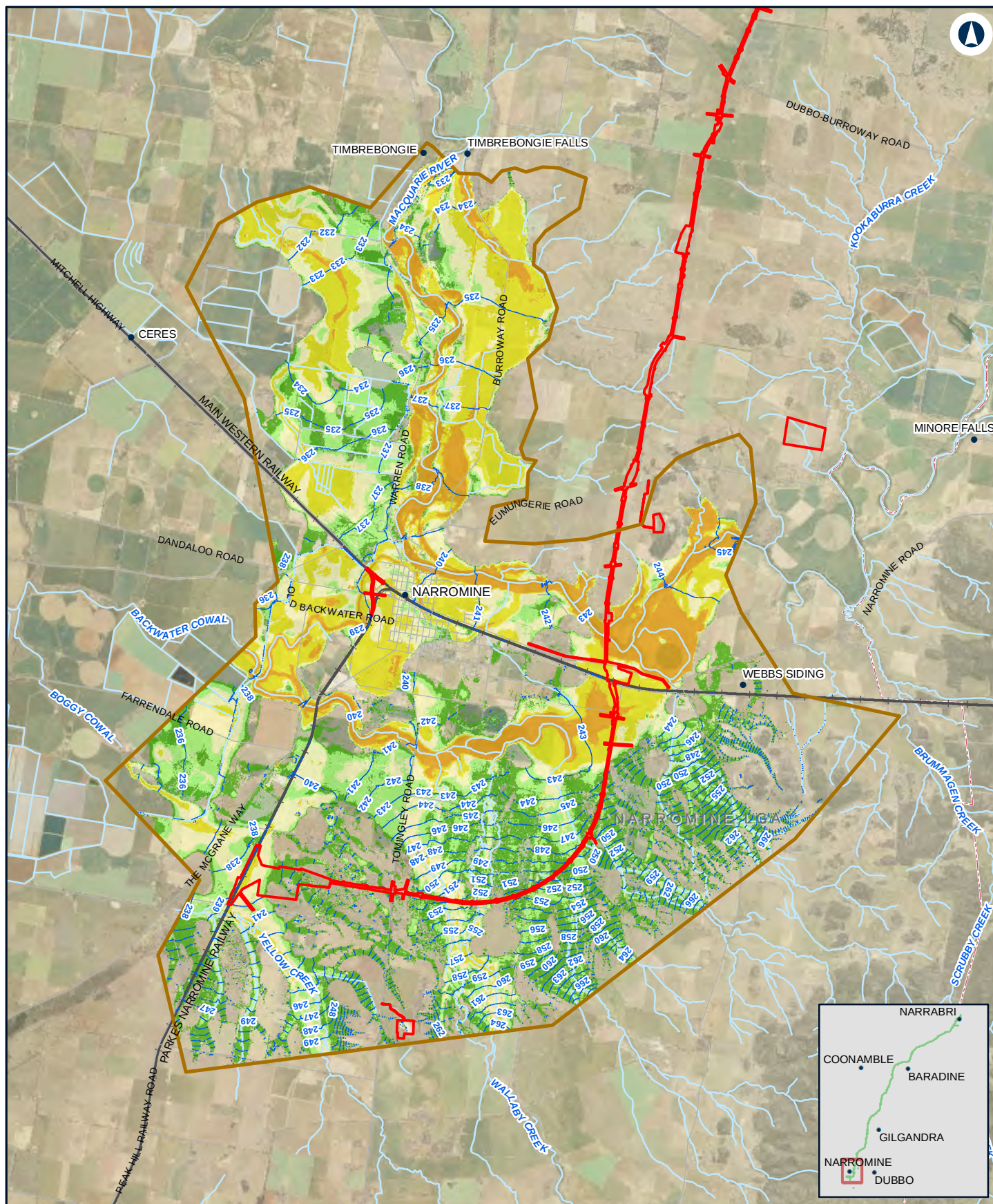
1.0m - 2.0m

> 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -NFM

Appendix D - Figure 1.6a

0 1.5 3 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

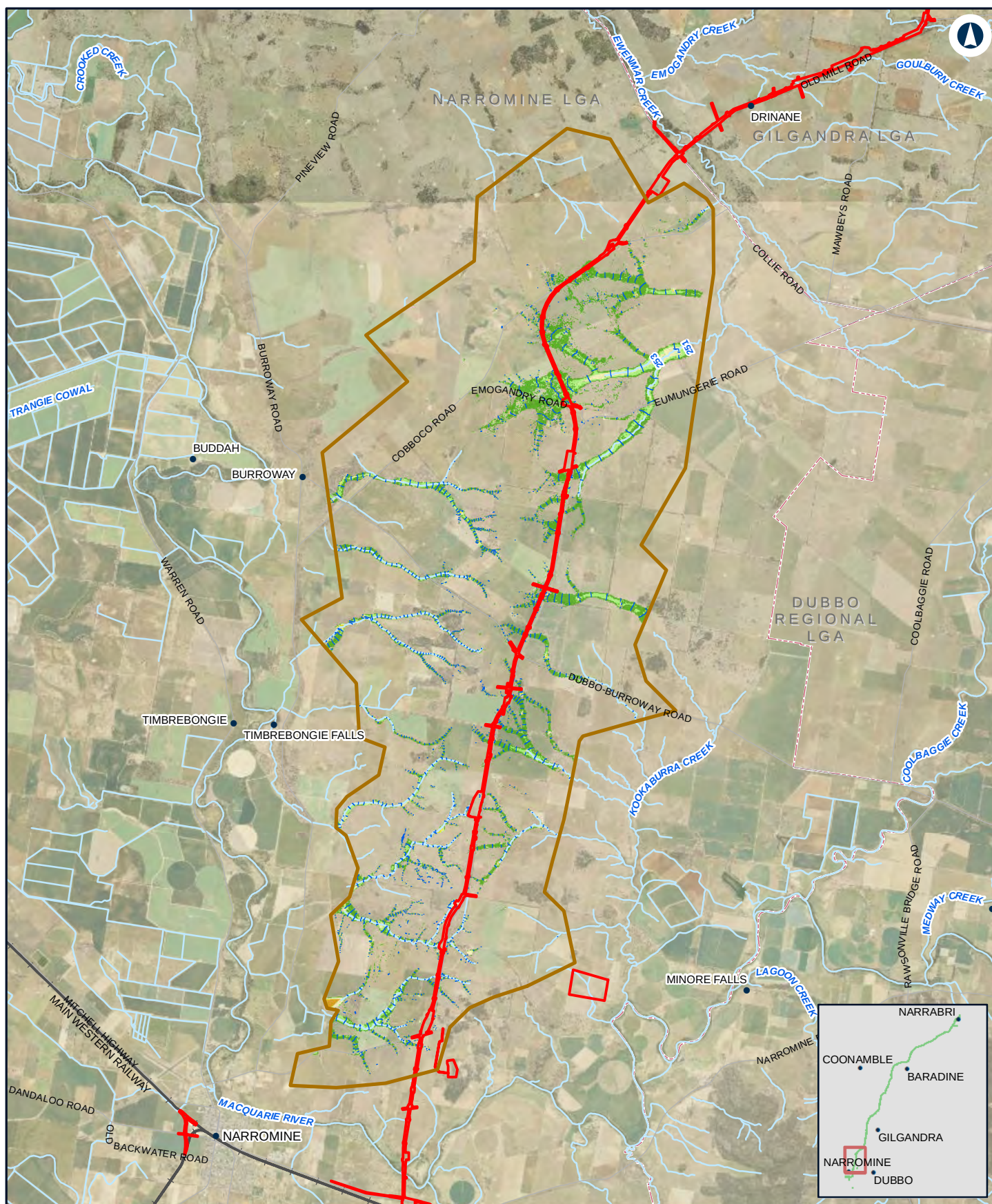
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N14

Appendix D - Figure 1.6b

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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

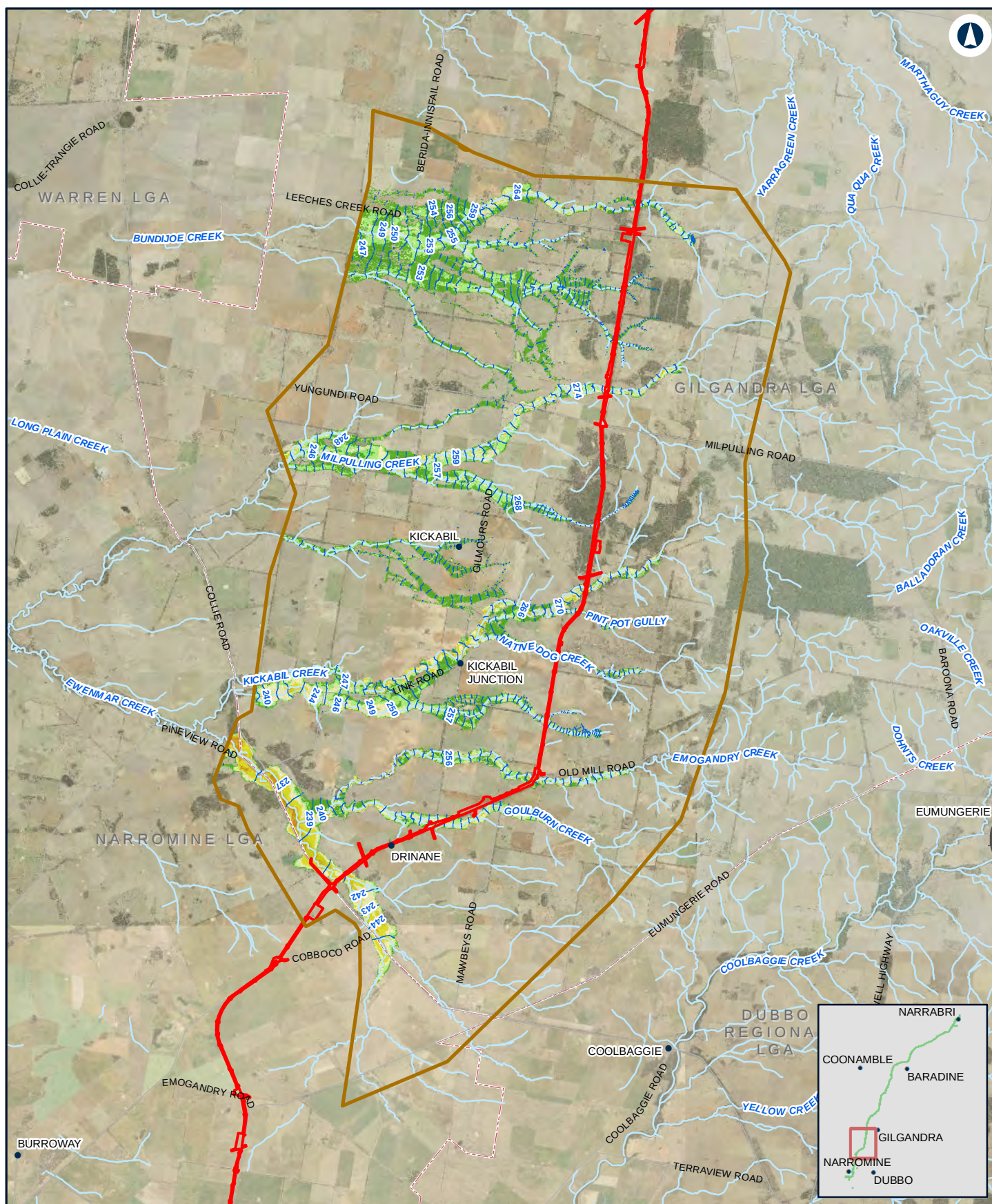
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N13

Appendix D - Figure 1.6c

0 2.5 5 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

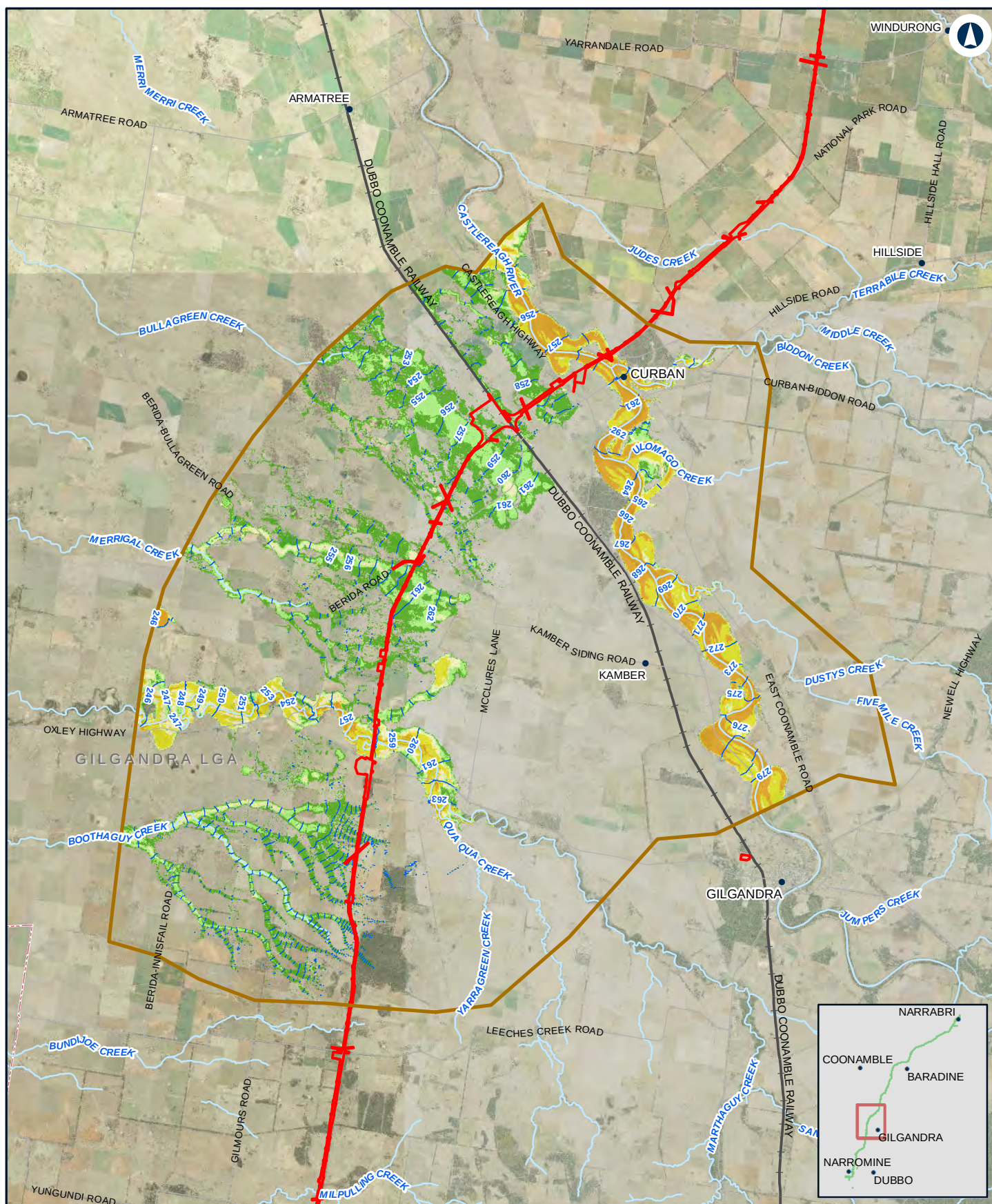
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N11N12

Appendix D - Figure 1.6d

0 2.5 5  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

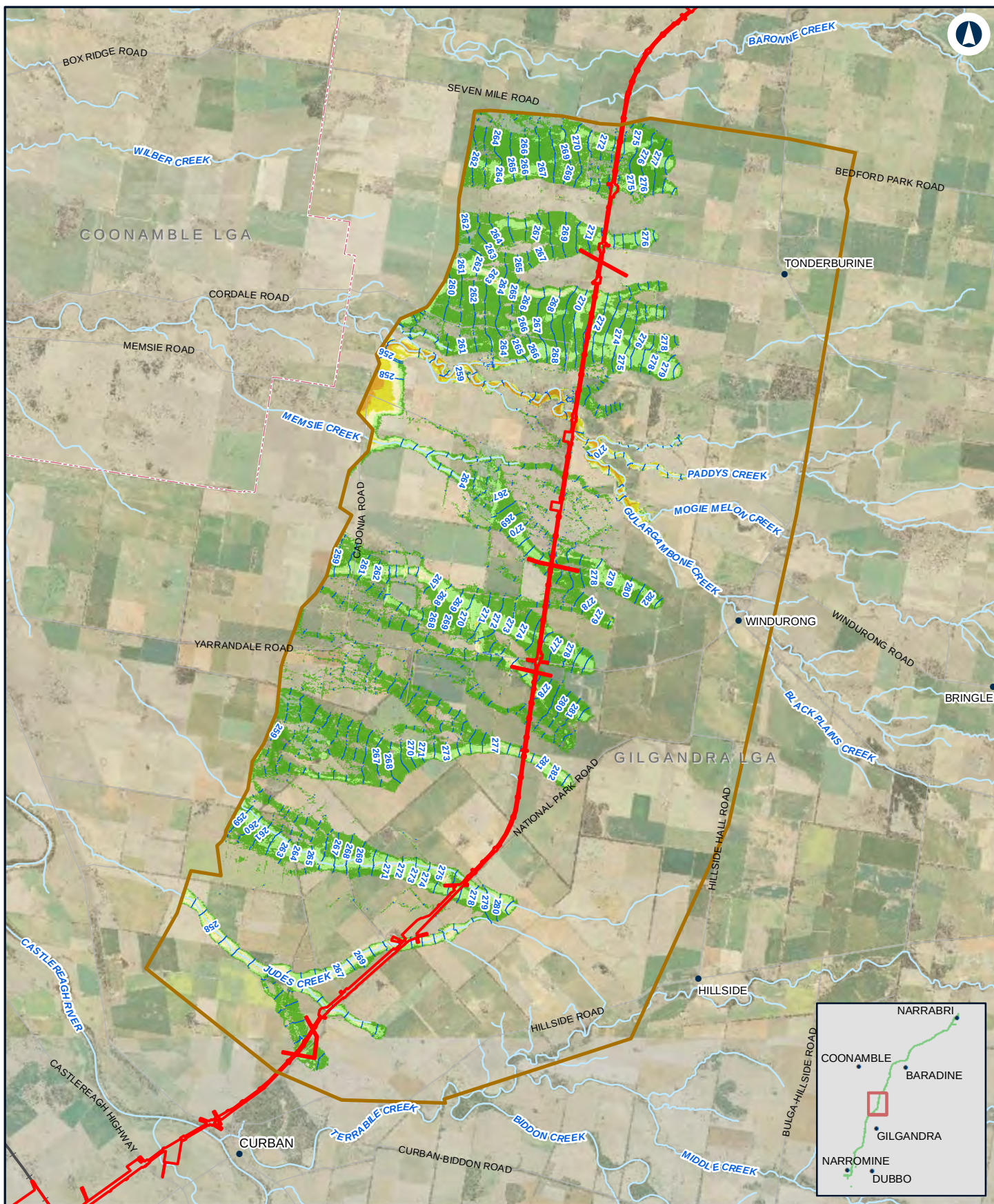
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N10

Appendix D - Figure 1.6e

0 1.5 3  
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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:130,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

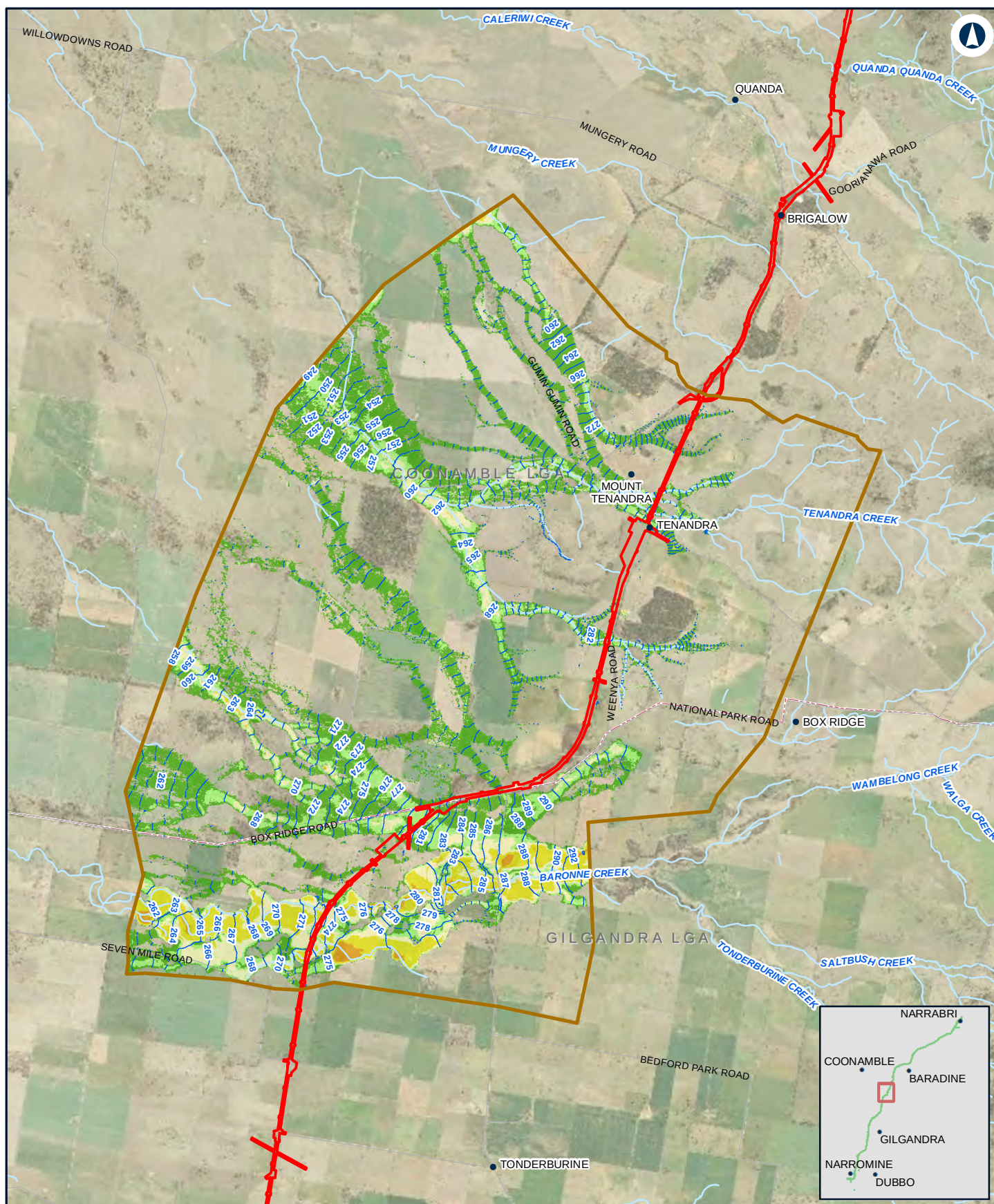
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N9

Appendix D - Figure 1.6f

0 1.5 3 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:110,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

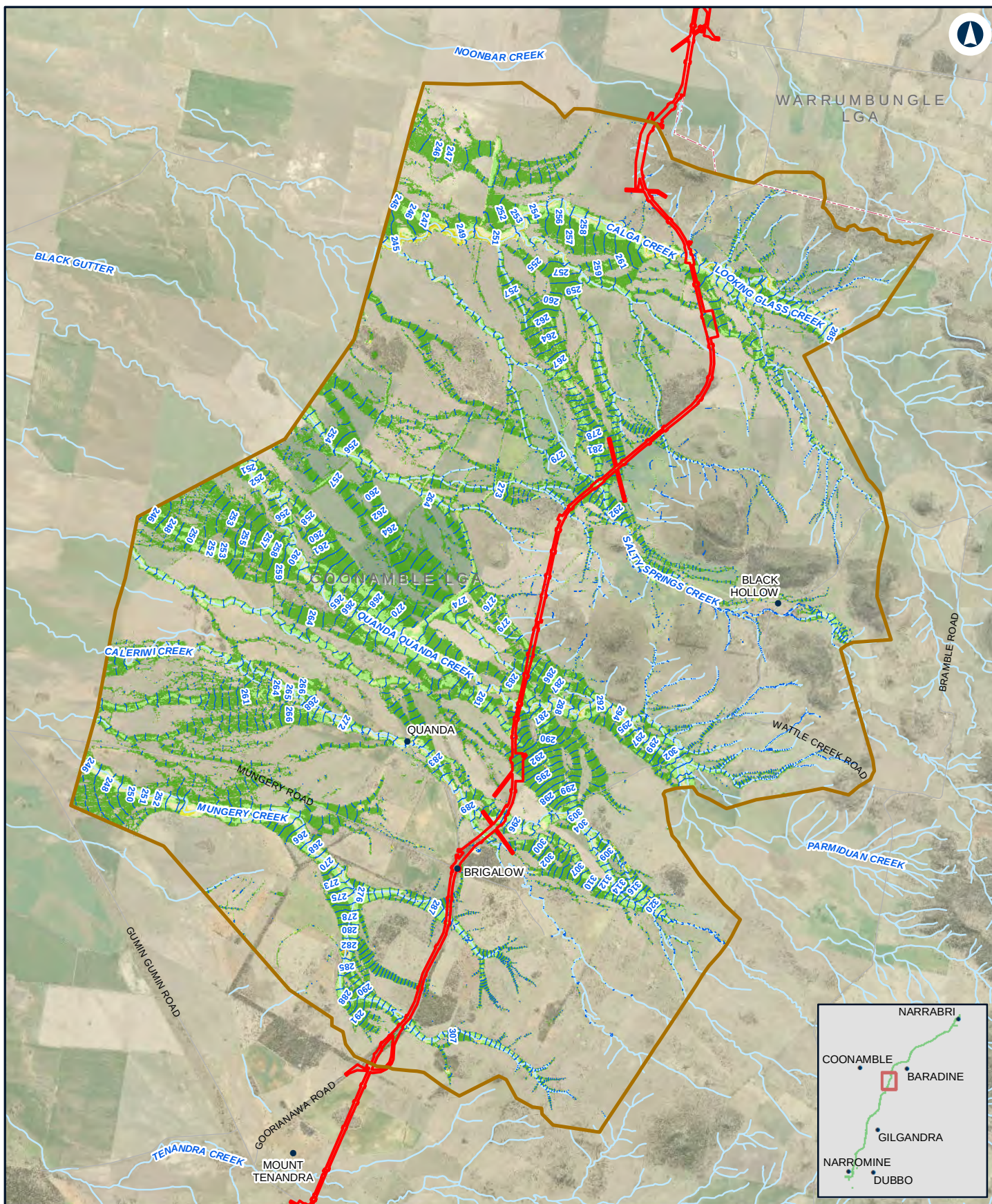
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N8

Appendix D - Figure 1.6g

0 1 2  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:100,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

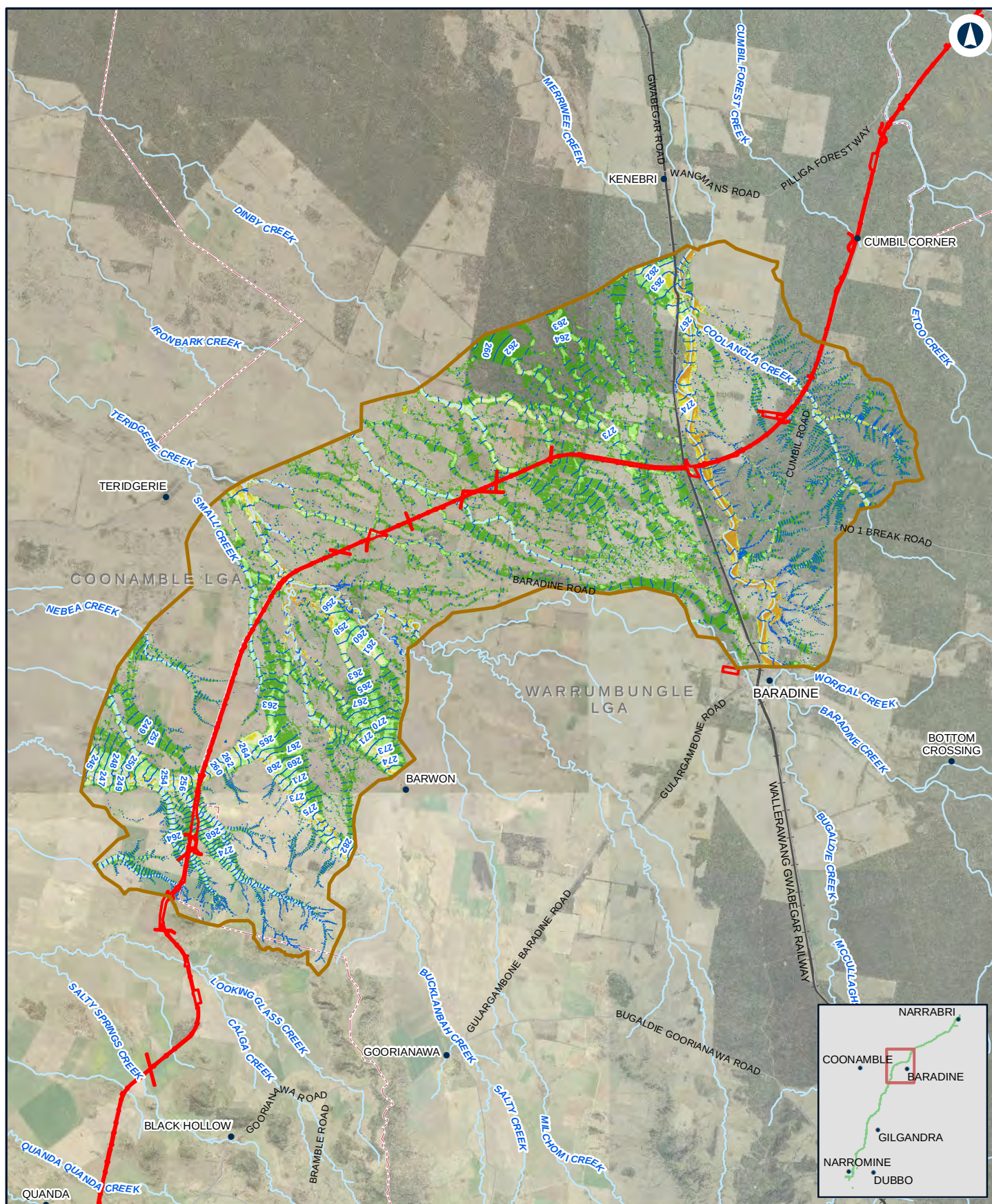
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N7

Appendix D - Figure 1.6h

0 2.5 5  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

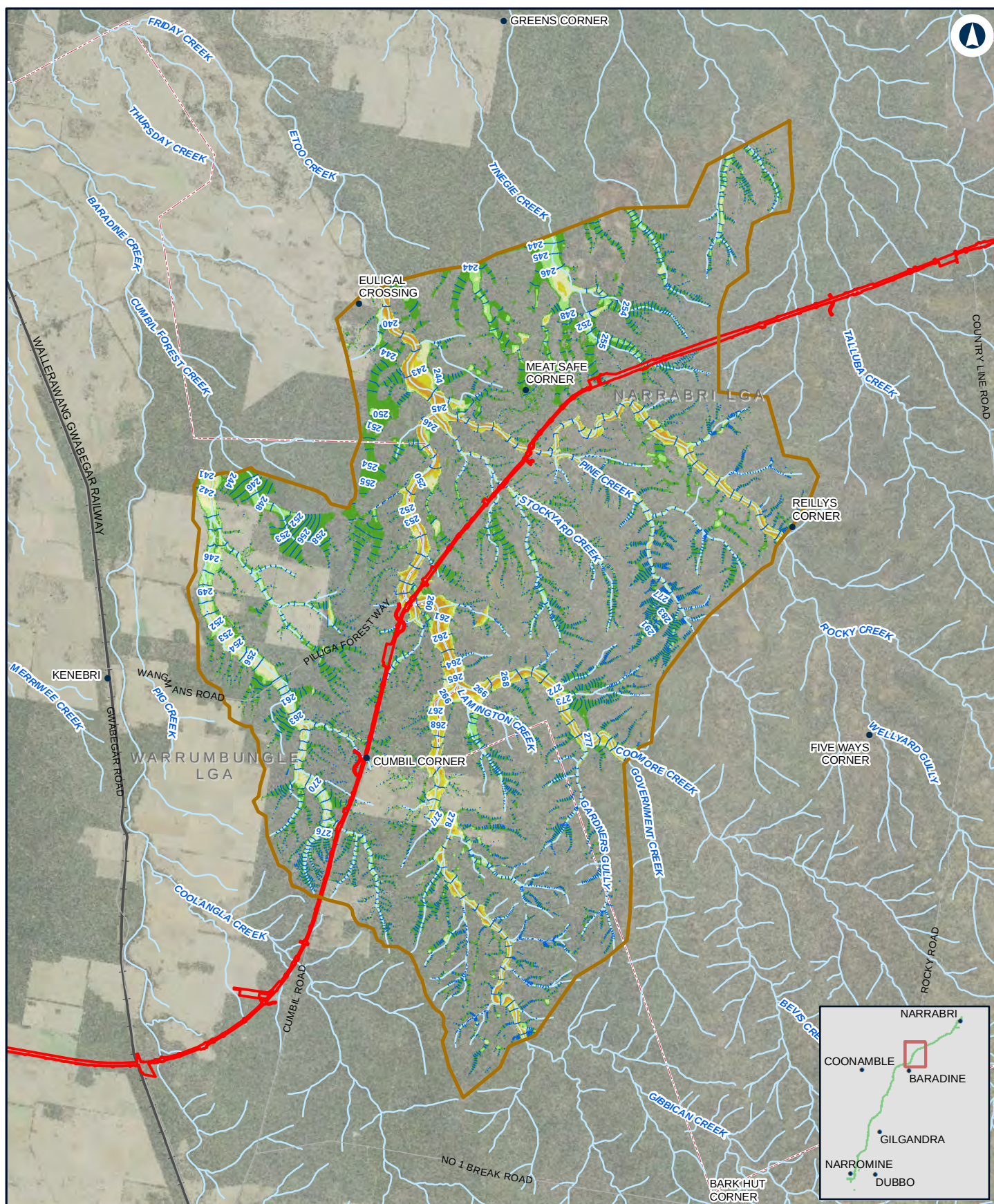
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N6

Appendix D - Figure 1.6i

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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:150,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

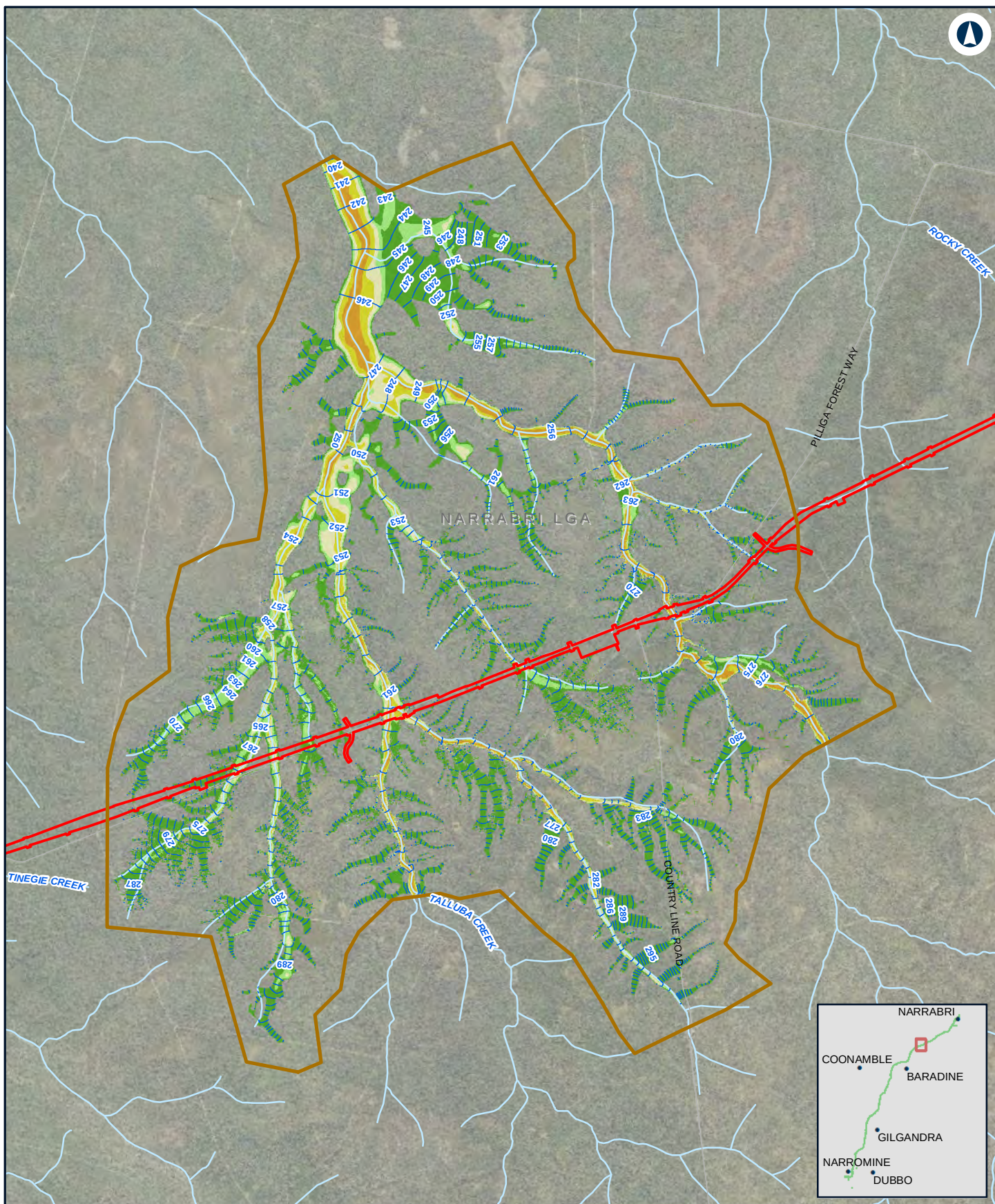
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N5

Appendix D - Figure 1.6j

0 1 2 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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:70,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

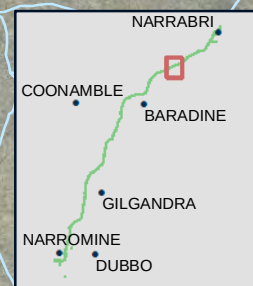
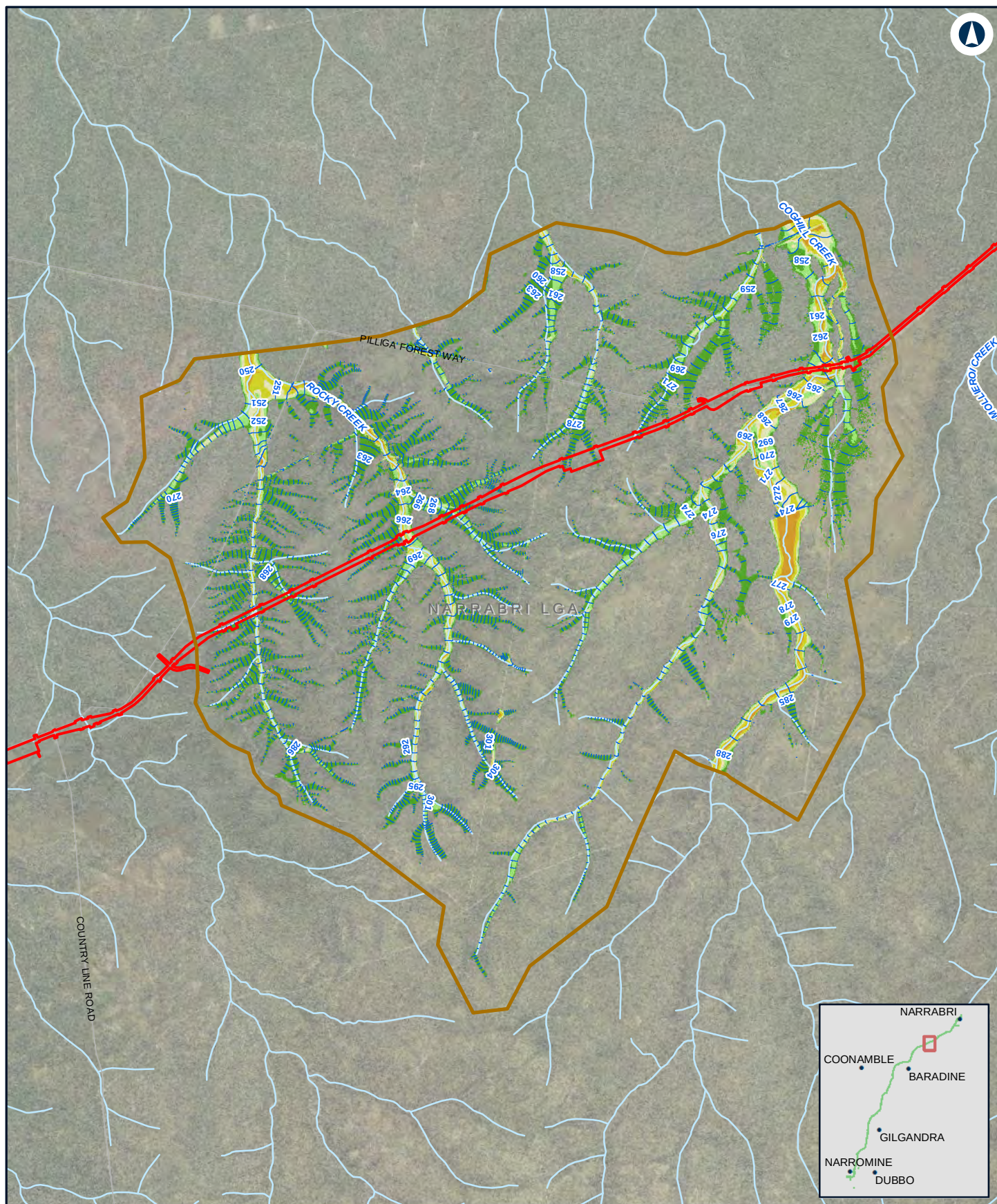
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N4

Appendix D - Figure 1.6k

0 1 2 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:80,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

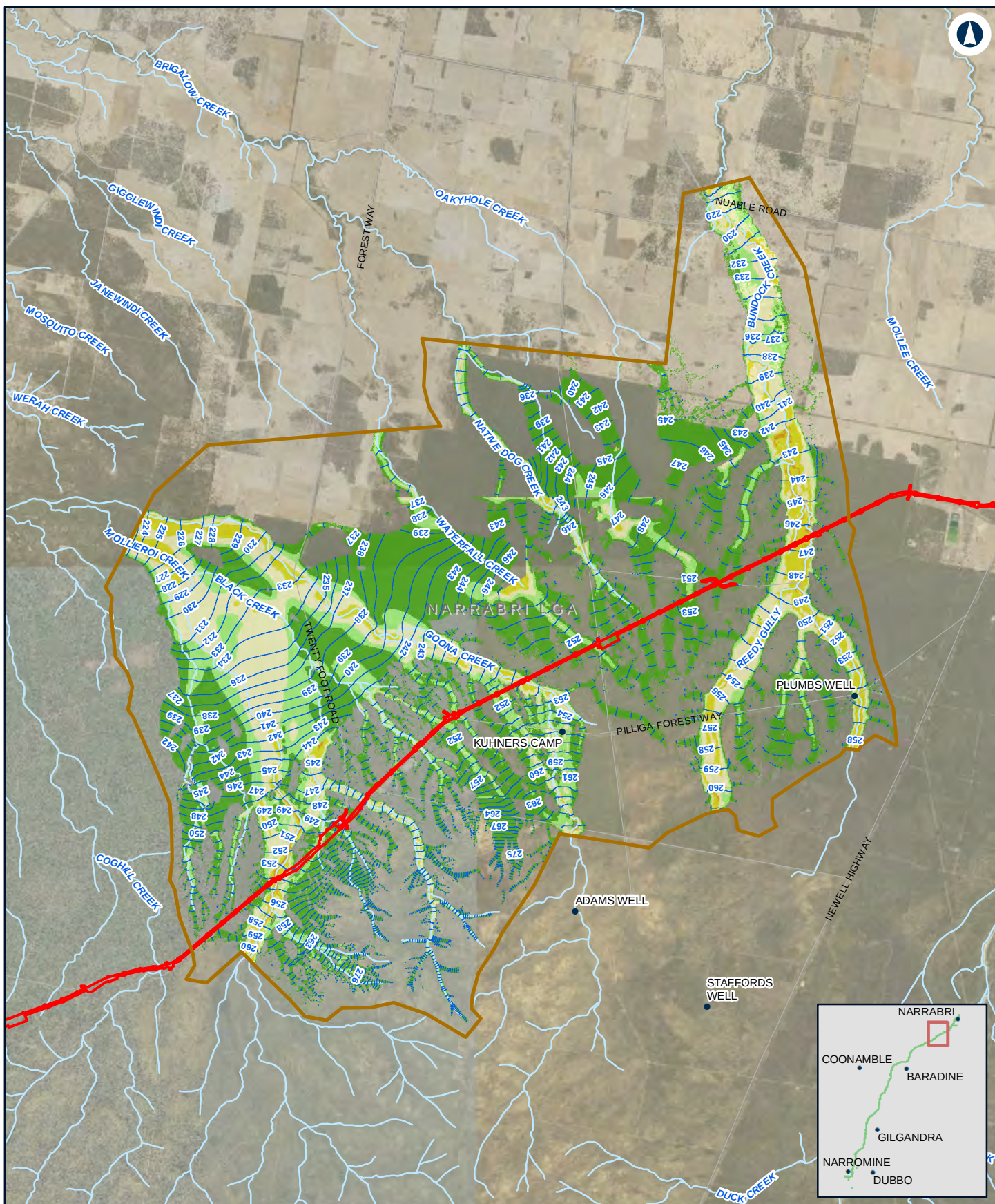
### Flood depth

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

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -N2N23

Appendix D - Figure 1.6I

0 1.5 3 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

### Flood depth

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

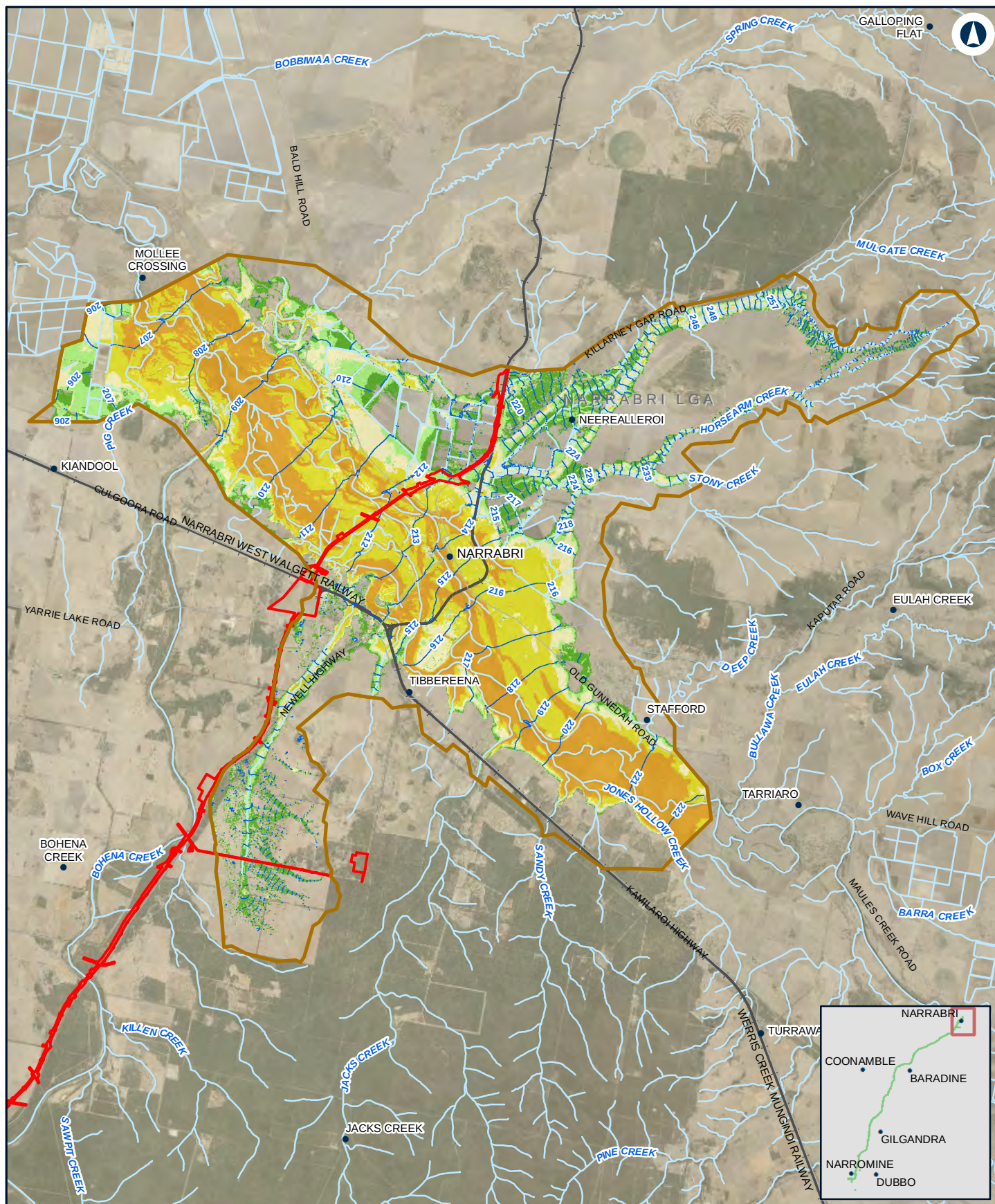
**INLAND RAIL** **ARTC**

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









## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.5% AEP -Narrabri

Appendix D - Figure 1.6n

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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 1.0m - 2.0m
- > 2.0m

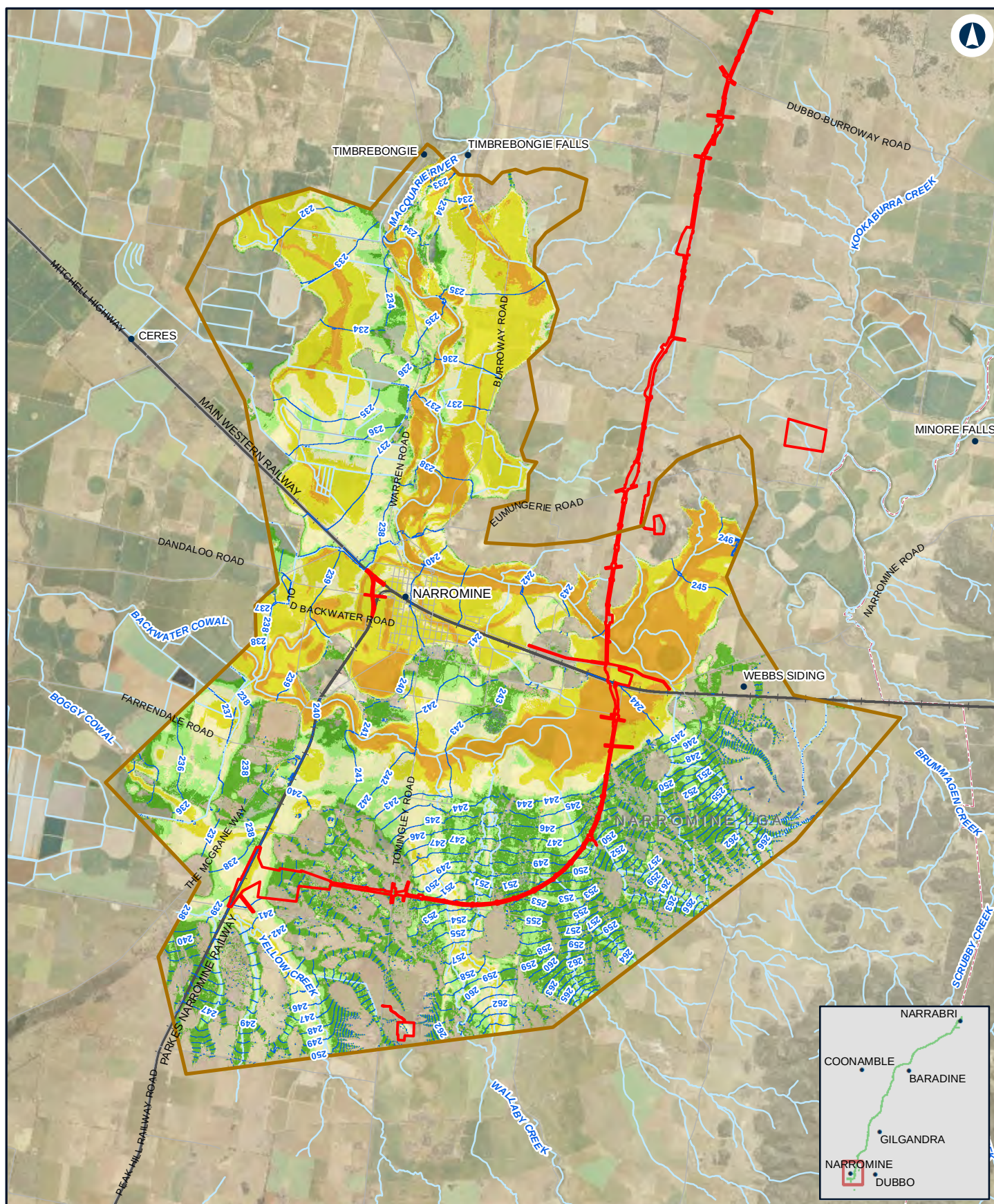
### Flood depth

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

**INLAND RAIL** **ARTC**

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





0 1.5 3 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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:140,000

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

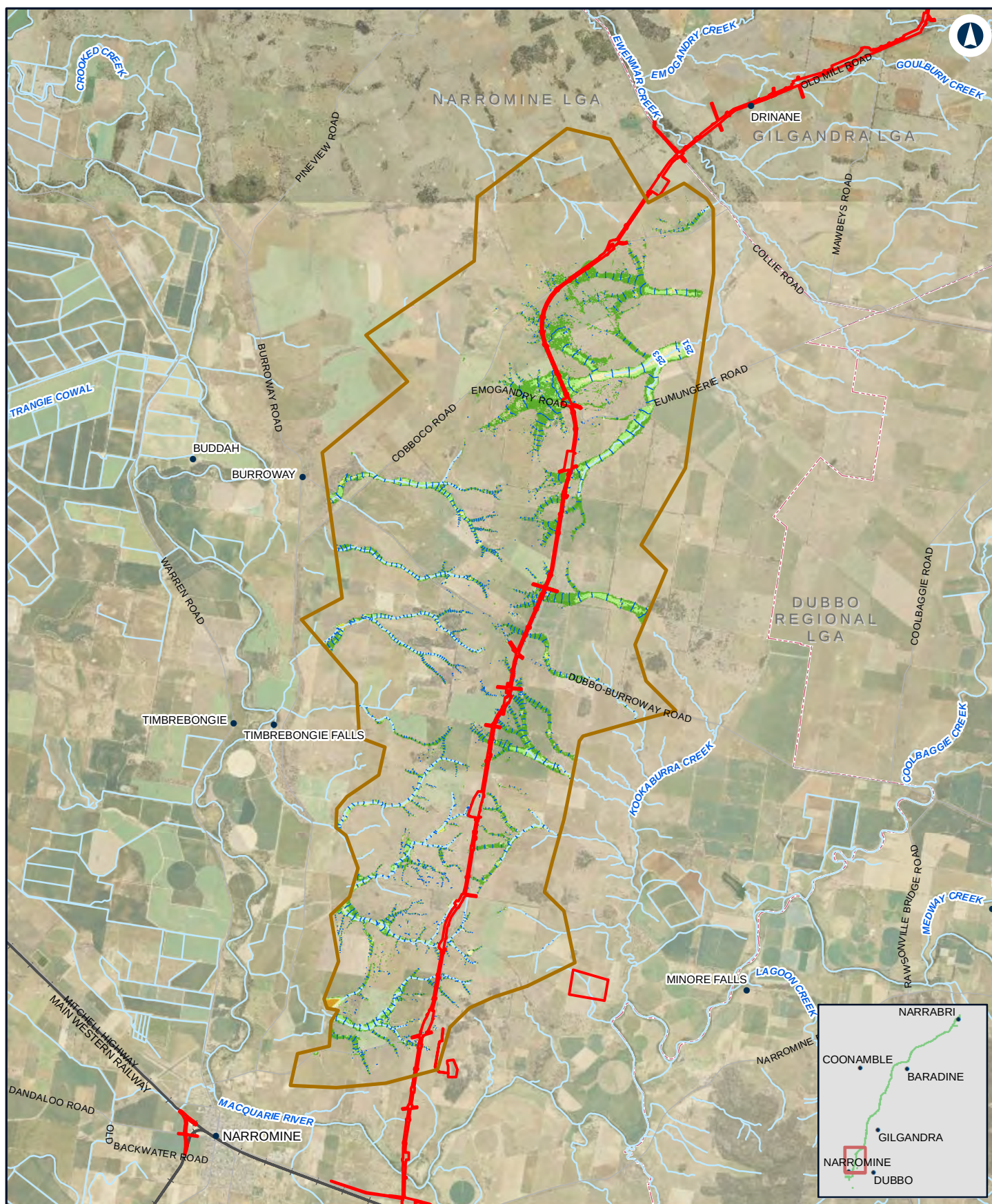
#### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:150,000

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

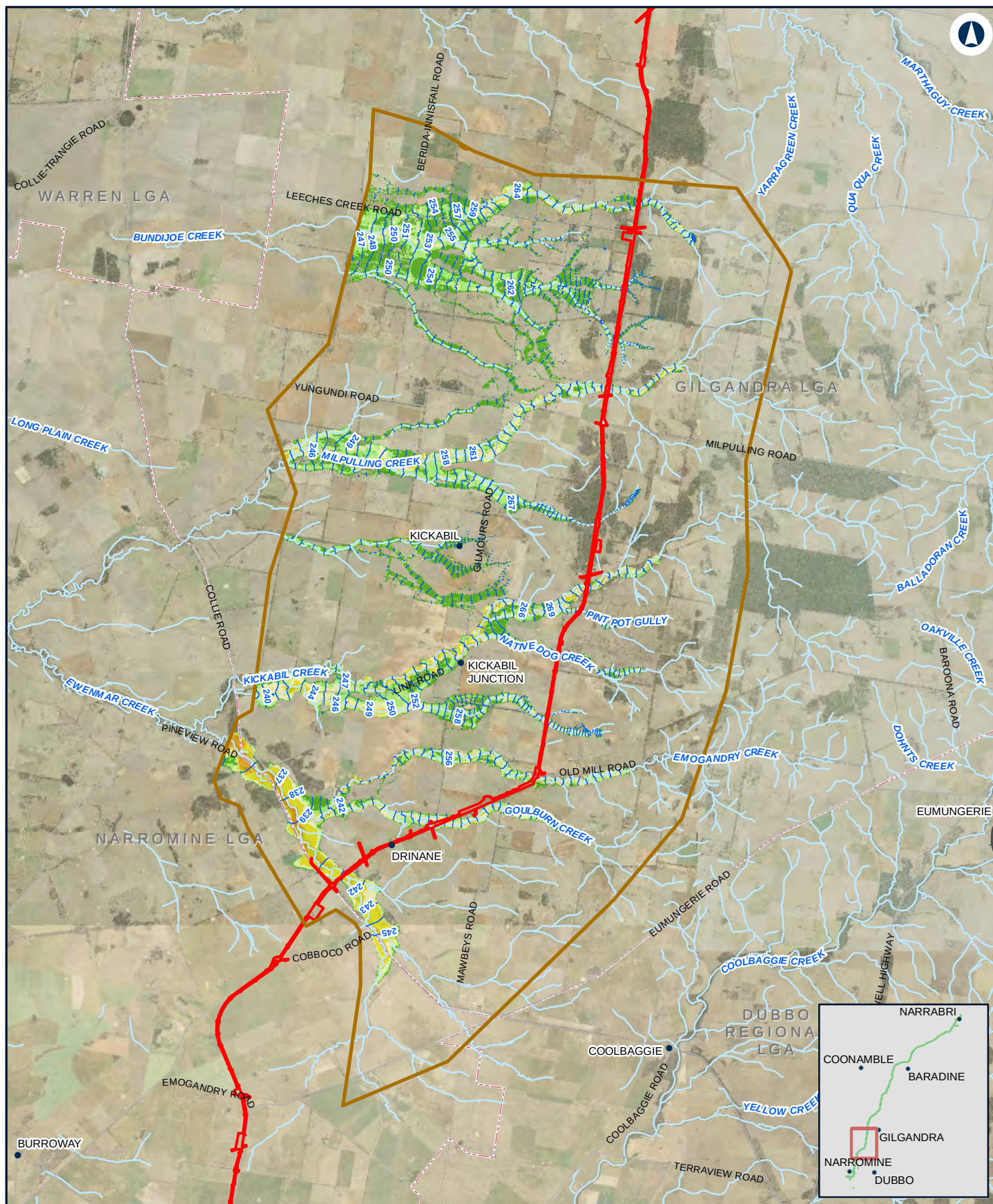
#### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N13

Appendix D - Figure 1.7c

0 2.5 5 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:180,000

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

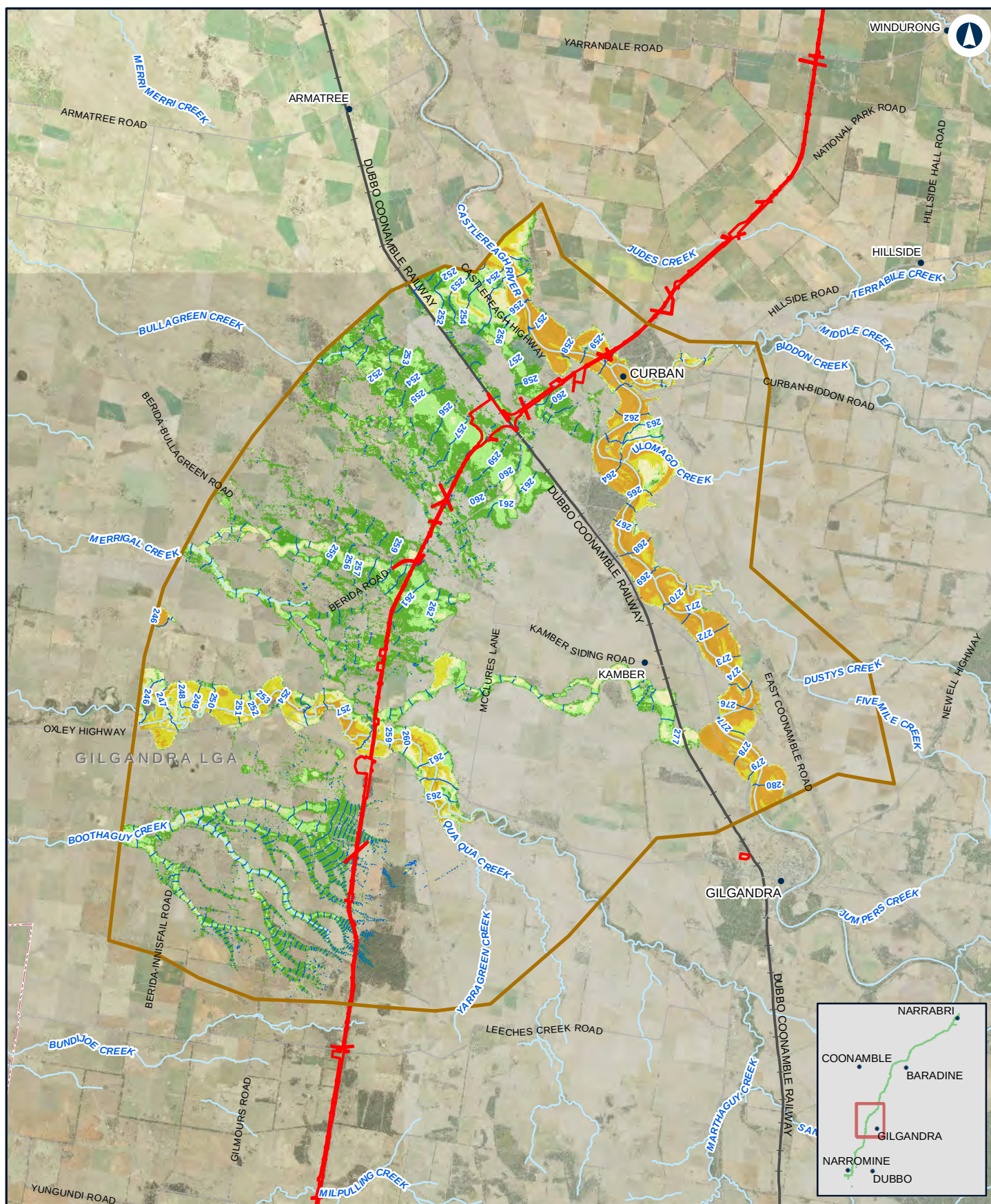
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N11N12

Appendix D - Figure 1.7d

0 2.5 5 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:200,000

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

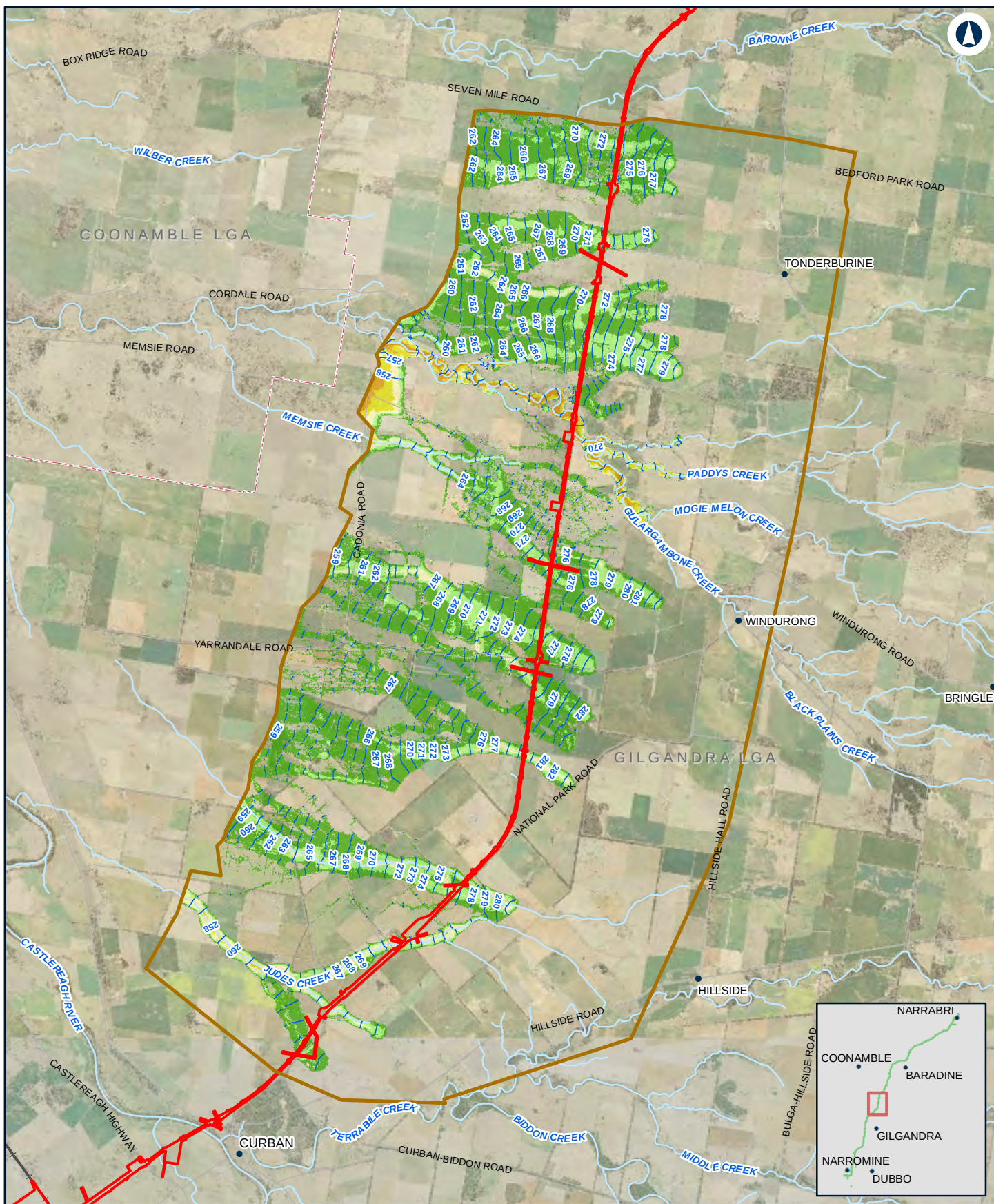
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N10

Appendix D - Figure 1.7e

0 1.5 3  
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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:130,000

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

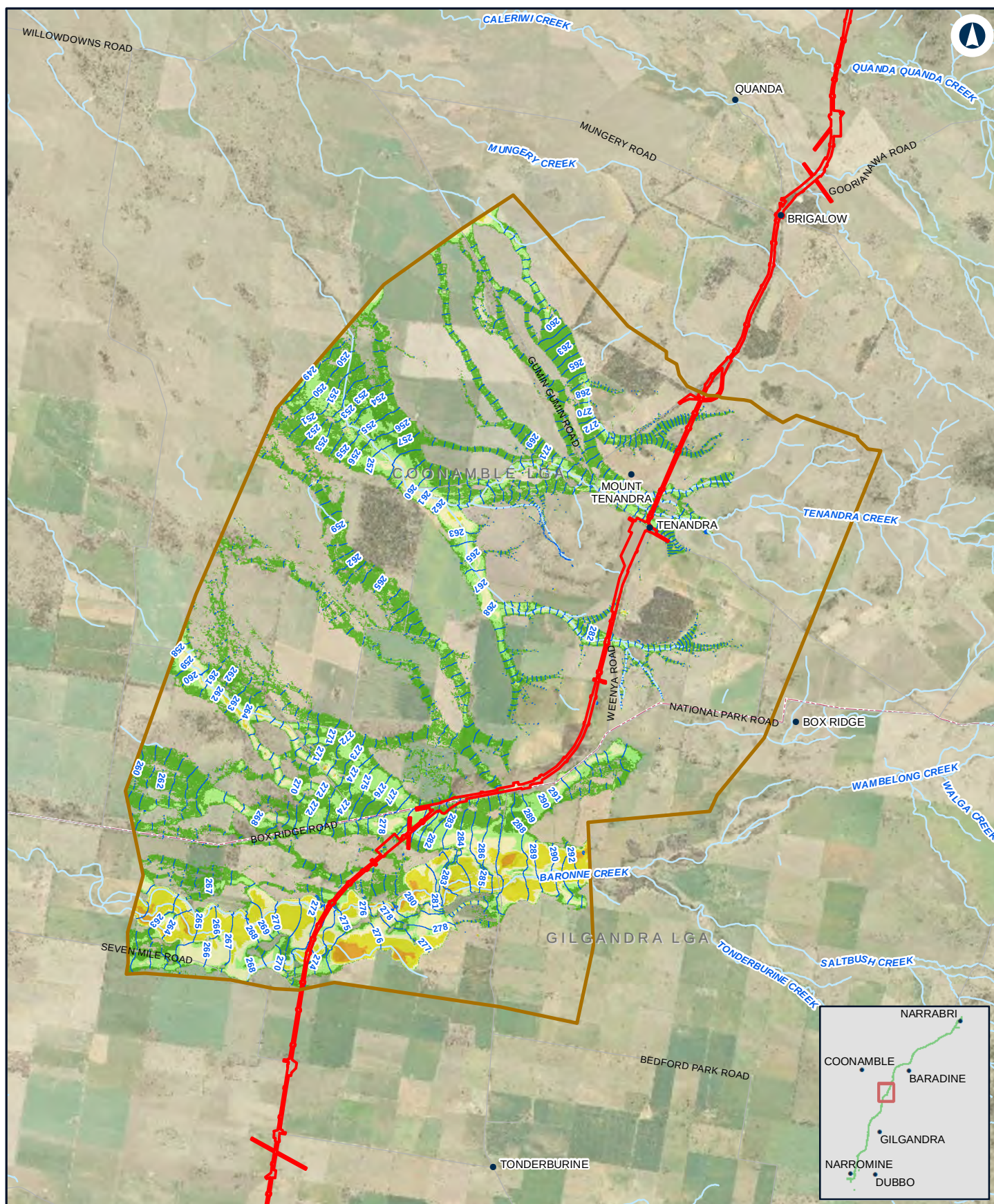
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N9

Appendix D - Figure 1.7f

0 1.5 3  
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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:110,000

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

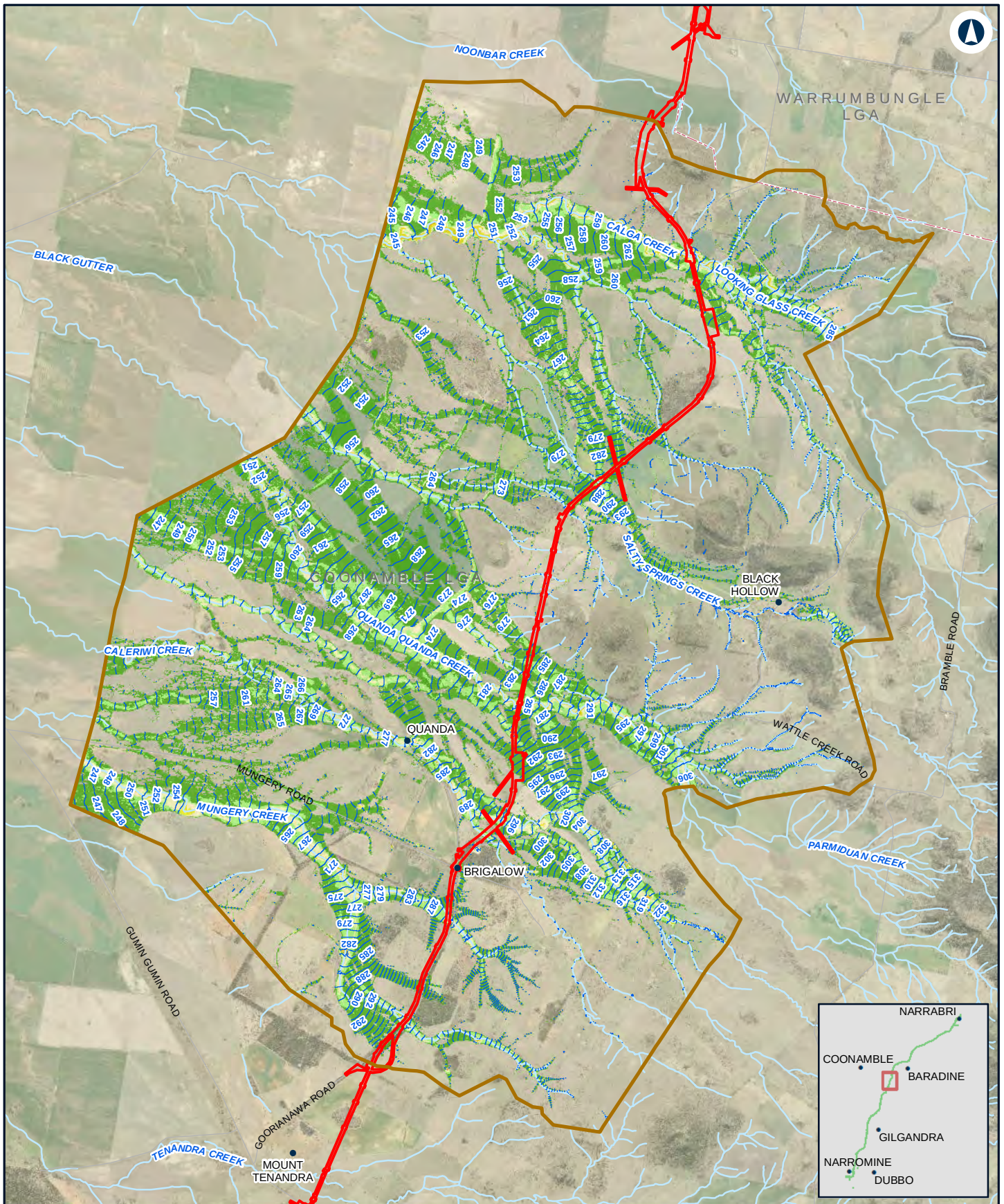
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N8

Appendix D - Figure 1.7g

0 1 2 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:100,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHd)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

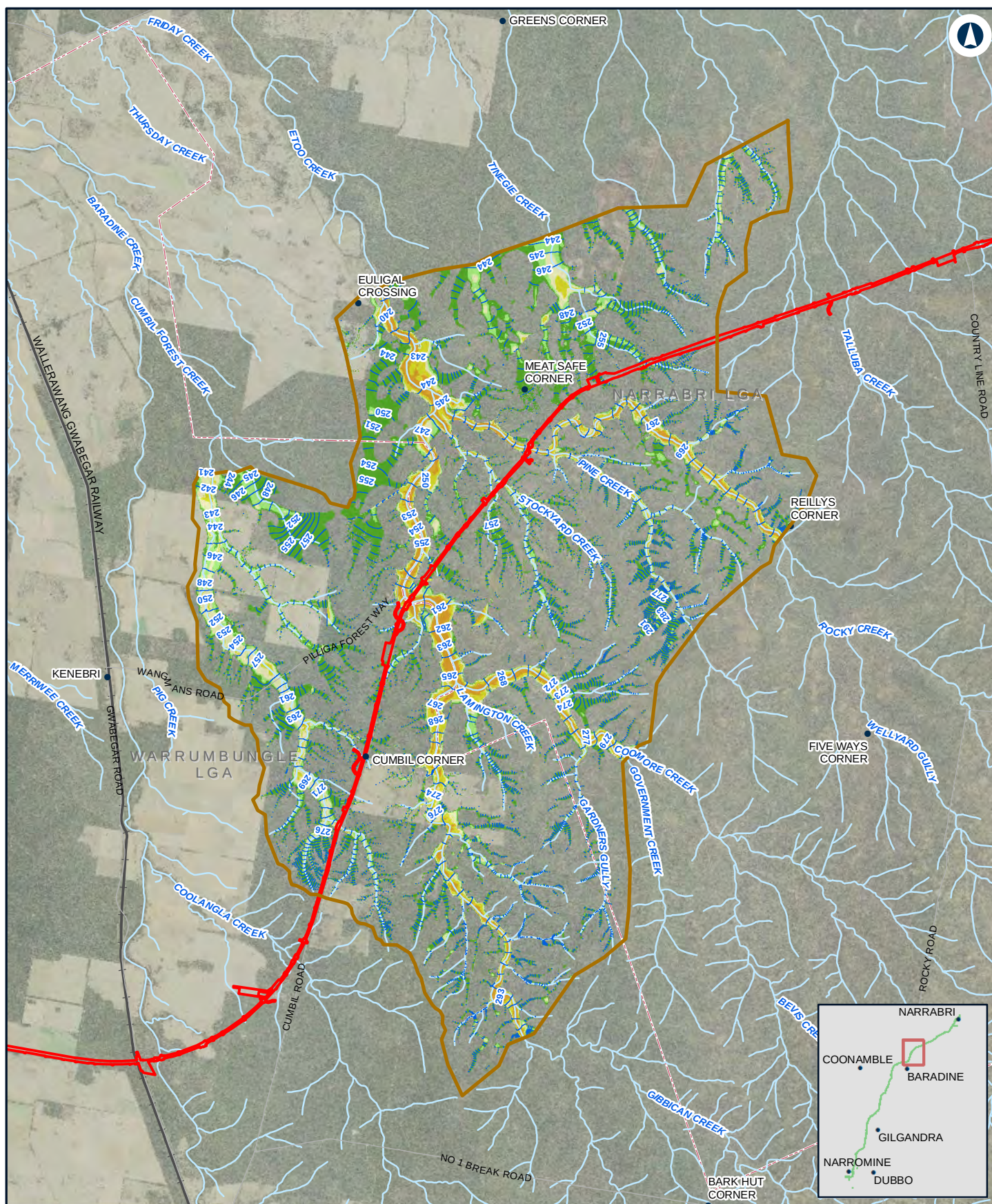
**INLAND RAIL** **ARTC**

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









## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N6

Appendix D - Figure 1.7i

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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:150,000

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

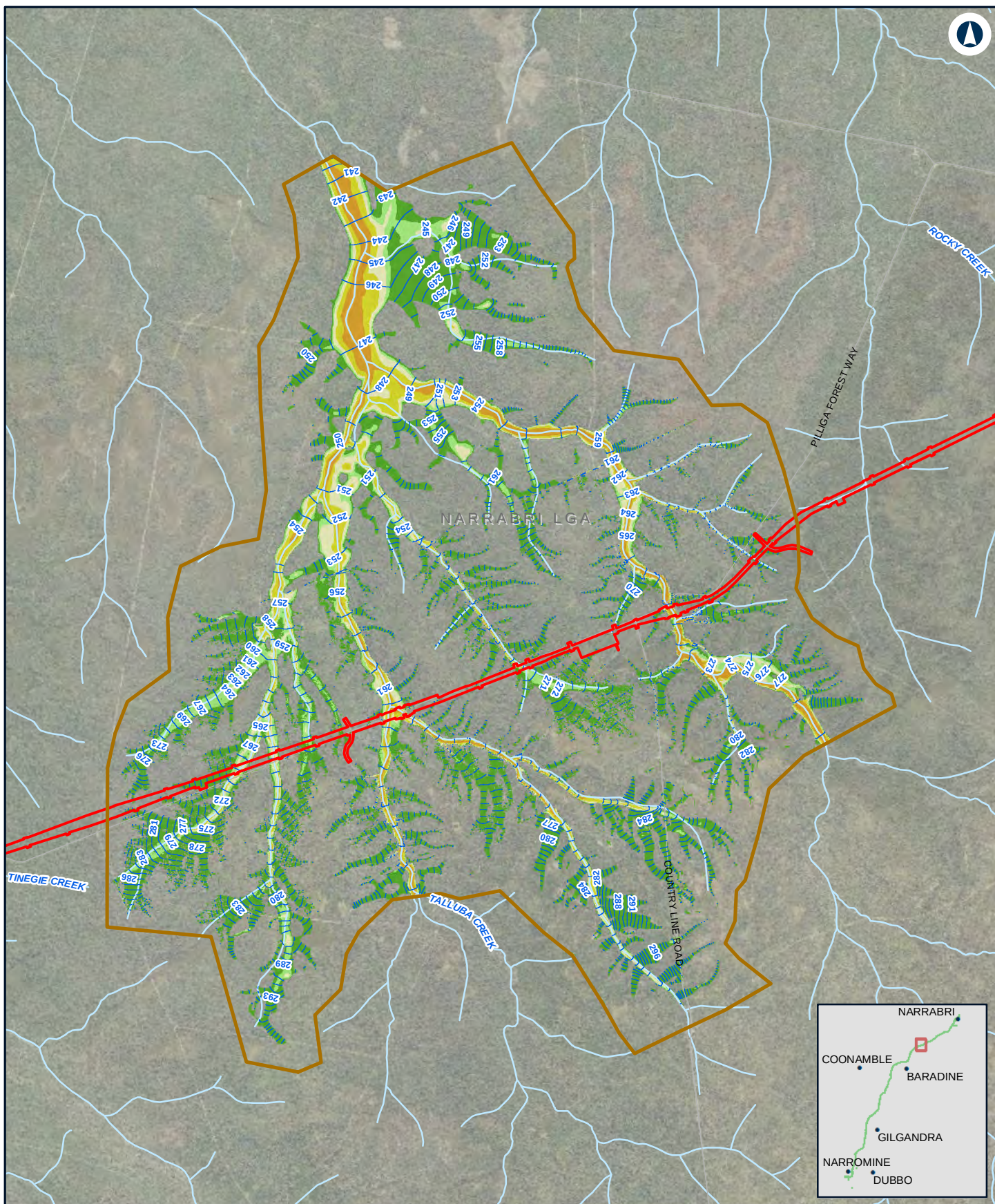
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N5

Appendix D - Figure 1.7j

0 1 2  
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: 27/10/2020  
Author: JacobsGHD

Paper: A4  
Scale: 1:70,000

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

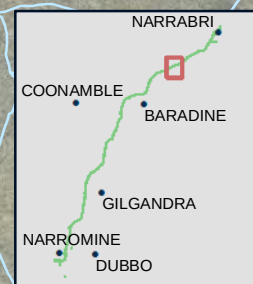
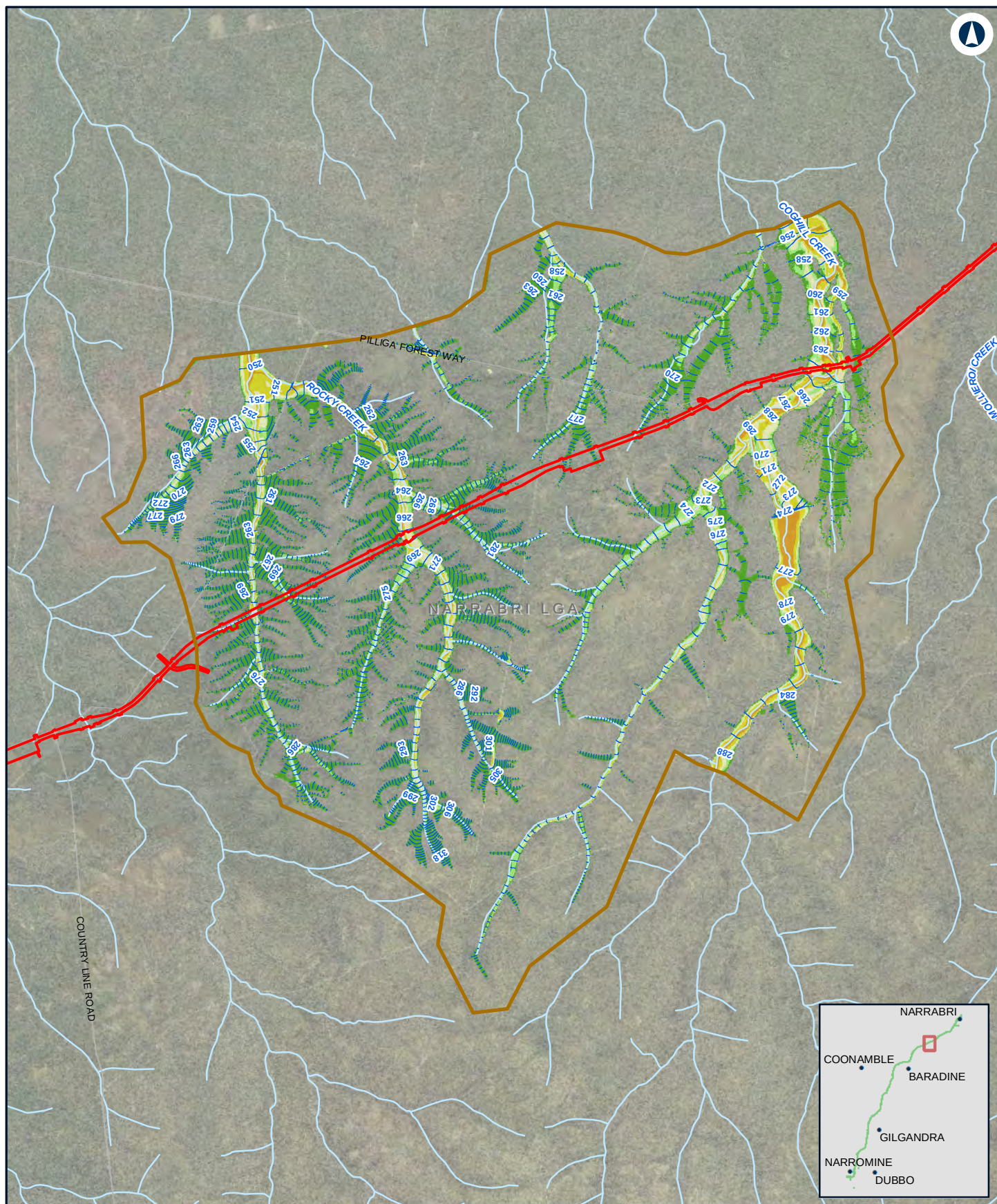
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N4

Appendix D - Figure 1.7k

0 1 2  
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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:80,000

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

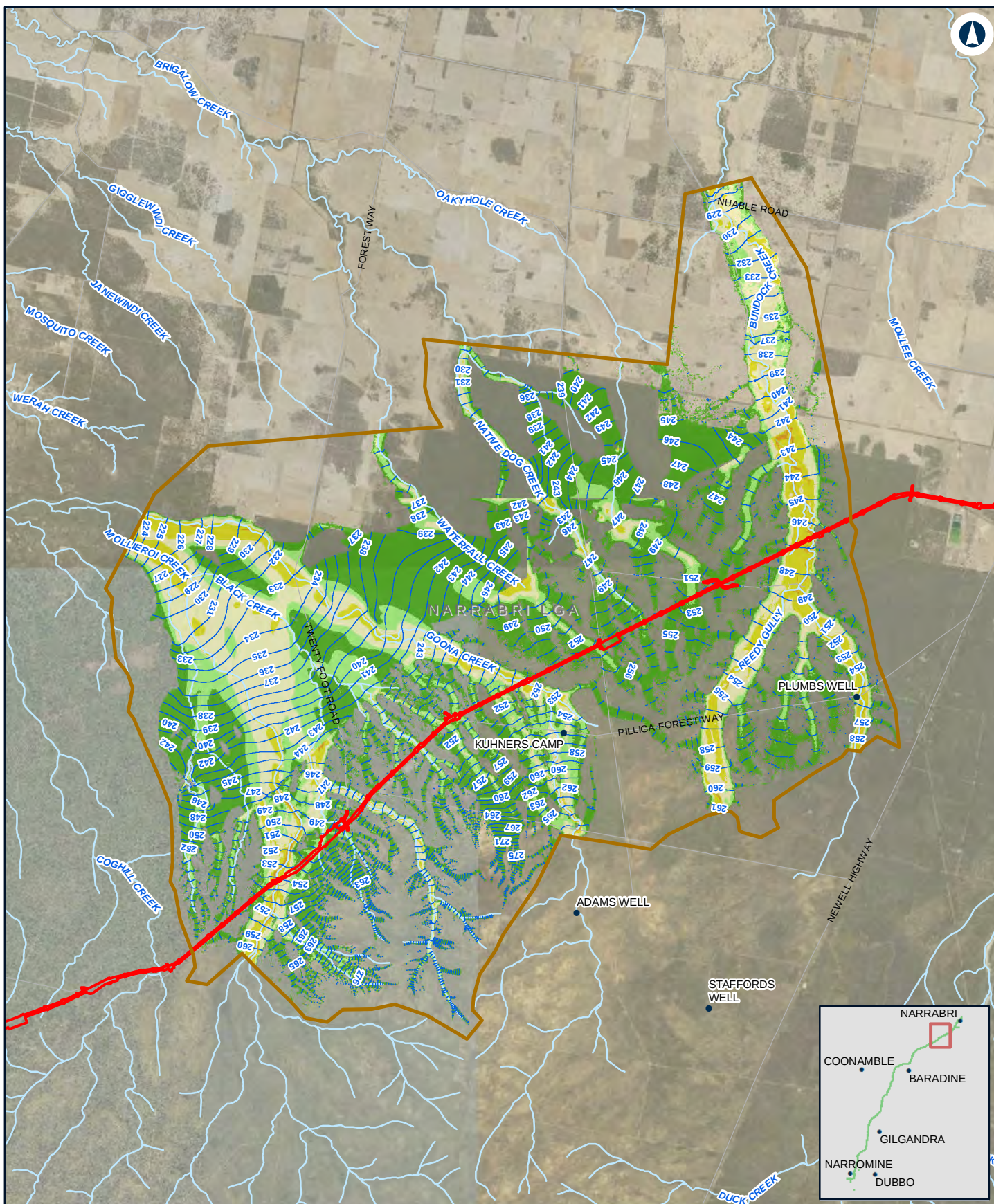
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - N2N23

Appendix D - Figure 1.71

0 1.5 3 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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:140,000

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

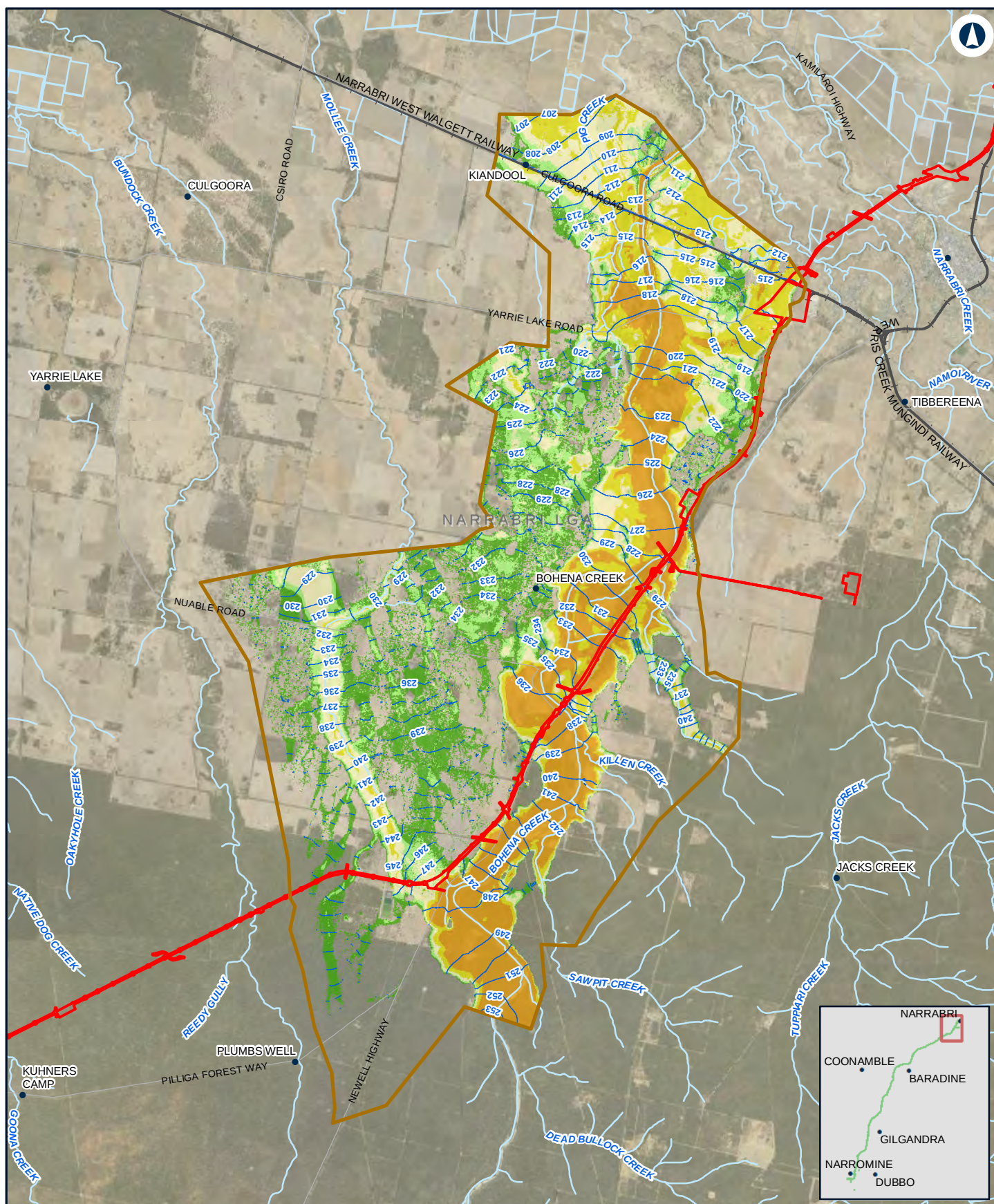
### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





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: 27/10/2020 Paper: A4  
Author: JacobsGHD Scale: 1:150,000

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

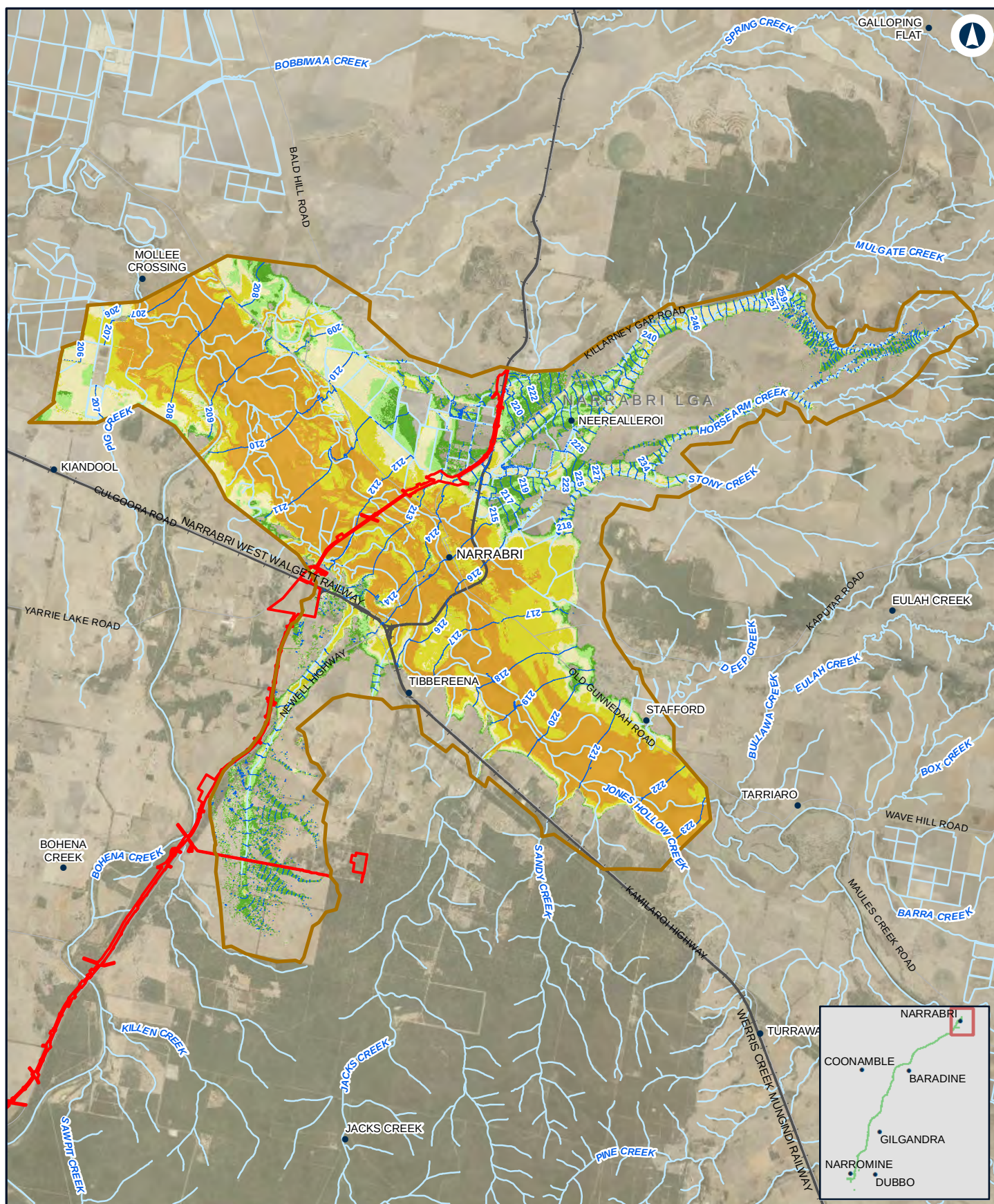
#### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHD)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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





## NARROMINE TO NARRABRI

Existing peak depth / level (contour) - 0.2% AEP - Narrabri

Appendix D - Figure 1.7n

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: 27/10/2020

Paper: A4

Author: JacobsGHD

Scale: 1:160,000

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

### LEGEND

- The proposal site
- Model boundary
- Flood level (mAHd)
- 0.0m - 0.25m
- 0.25m - 0.5m
- 0.5m - 1.0m
- 1.0m - 2.0m
- > 2.0m

**INLAND RAIL** **ARTC**

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