

Updated flooding and hydrology assessment

Appendix N Assessment of local and regional flooding at Narrabri

(Part 23 of 25)

NARROMINE TO NARRABRI PROJECT



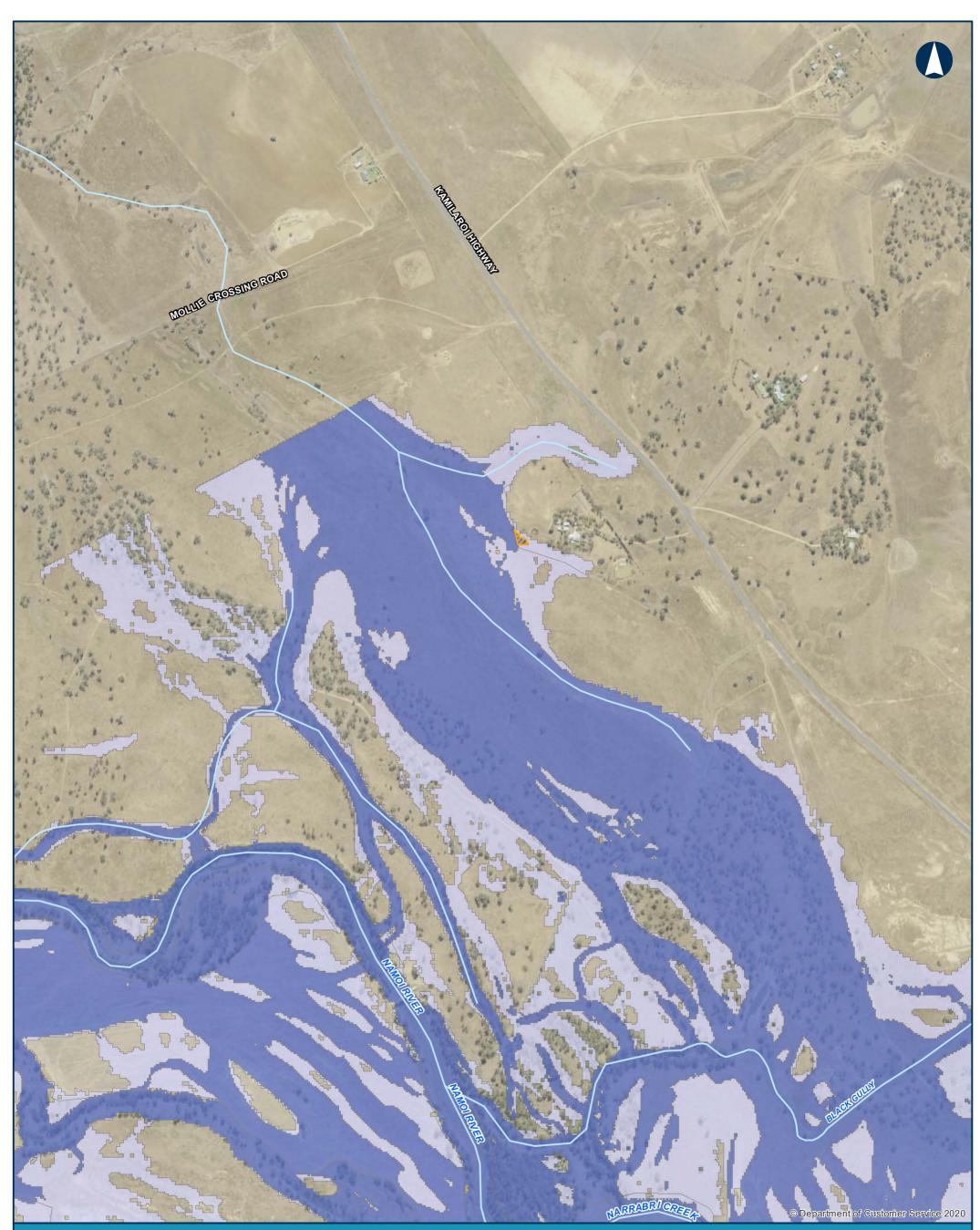
Updated flooding and hydrology assessment

Appendix B QDL compliance

Appendix B6 Narrabri regional QDL compliance (hazard)

NARROMINE TO NARRABRI PROJECT





Appendix B - Figure 3.5.1

0 200 Coordinate System: GD ARTC makes no representation or wa duty of care or other responsibility to a complete ness, accuracy or suitability to make the site of the site of the site of the site from material provided to ARTC by an ARTC has not taken any steps to veri accuracy or suitability of that material ARTC will not be responsible for any i as a result of any person whatsoever the information contained within this C	ranty and assumes no ny party as to the f the information ap has been prepared external source and y the completeness, oss or damage suffered Jacing relance upon	Primary road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Author: JacobsGHD Data Sources: Basemap	Paper: A3 Scale: 1:10,000 layers: NSWSS; all other l	layers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.

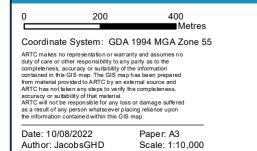


Appendix B - Figure 3.5.2

0 200 400 Primary no Metres Sub arteria Sub arteria 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 provide 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. Primary no	bad Buildings and sealed surfaces, vd change >10%	COONAMBLE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022Paper: A3Author: JacobsGHDScale: 1:10,000Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.5.3



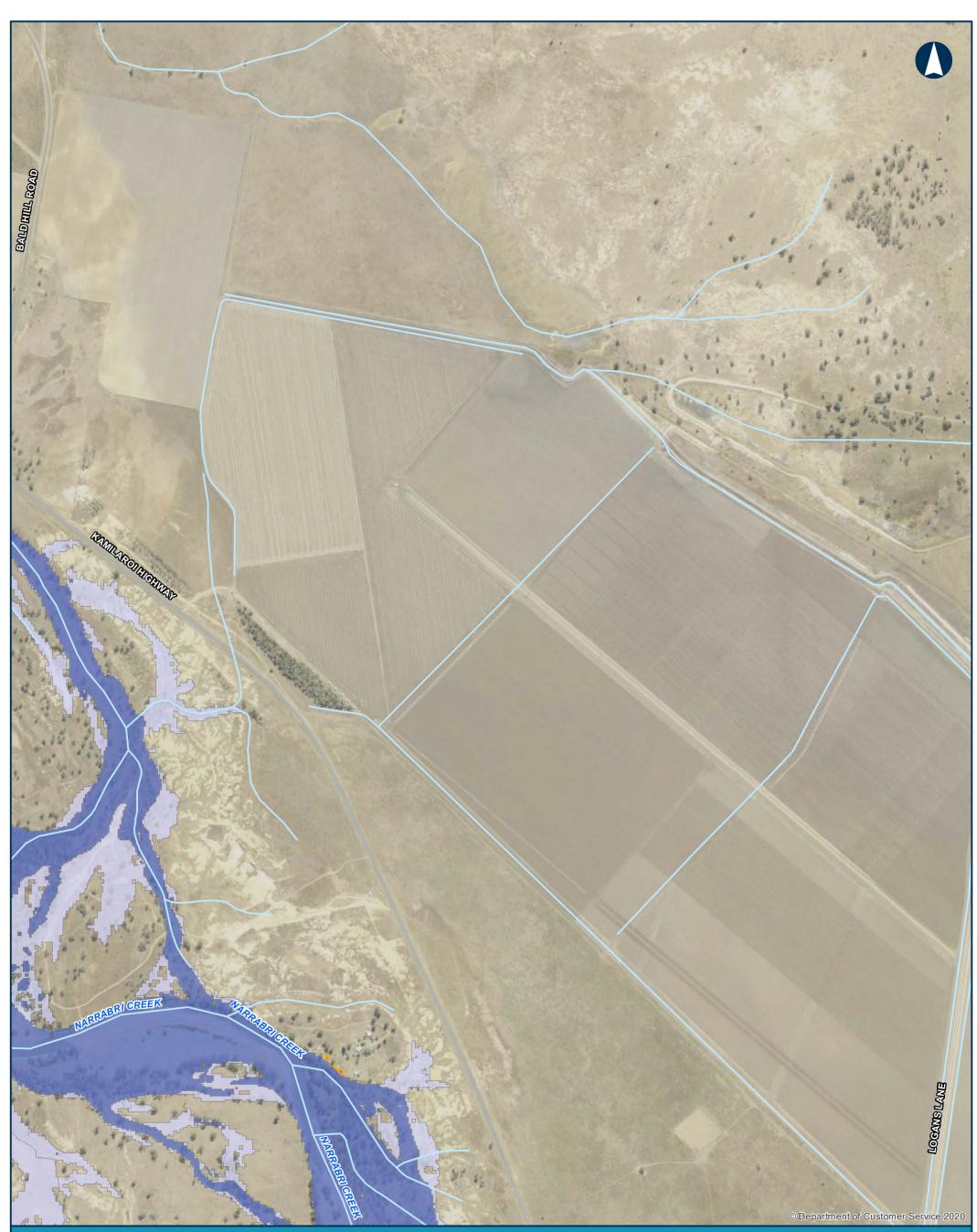
Primary road Sub arterial road Local road Watercourse Percentage Change in dv 0% - 10% 10% - 20%





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

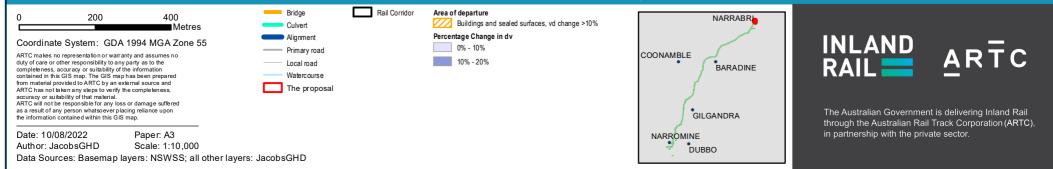


Appendix B - Figure 3.5.4

Coordinate System: GDA 1994 MGA Zone 55	imary road Area of departure b arterial road Euildings and sealed surfaces, vd change >10% cal road Percentage Change in dv atercourse 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: JacobsG	HD	NARROMINE DUBBO	in partnership with the private sector.

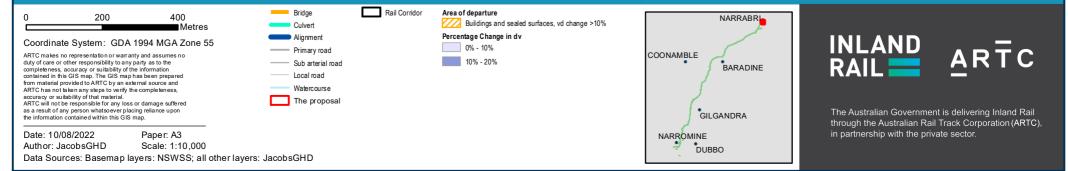


Appendix B - Figure 3.5.5





Appendix B - Figure 3.5.6





Appendix B - Figure 3.5.7

0 200 400 Metres Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or war anty 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 dramage suffered as a result of any person whatsoever placing tainnee upon the information contained within this GIS map.	Sub arterial road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other la	yers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.5.8

0 200	400 Metres	Sub arterial road
Coordinate System: GD ARTC makes no representation or wa duty of care or other responsibility to i completeness, accuracy or suitability	arranty and assumes no any party as to the	Watercourse
contained in this GIS map. The GIS n from material provided to ARTC by ar ARTC has not lake an any steps to ver- accuracy or suitability of that material ARTC will not be responsible for any as a result of any person whatsoever the information contained within this C		
Date: 10/08/2022 Author: JacobsGHD	Paper: A3 Scale: 1:10,000	

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

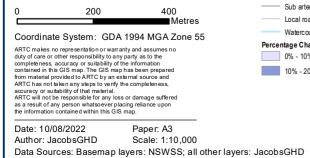




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Appendix B - Figure 3.5.9





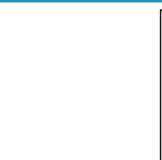


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Appendix B - Figure 3.5.10

ARTC makes r duty of care or completeness, contained in th from material p ARTC has not accuracy or su ARTC will not t as a result of a	200 te System: GD/ ho representation or warr other responsibility of s GIS map. The GIS ma rovided to ARTC by an e laken any steps to verify tability of that material. e responsible for any lo ny person whatsoever p contained within this GI	y party as to the the information p has been prepared external source and the completeness, ss or damage suffered lacing reliance upon	Sub arterial road Local road Watercourse Percentage Change in dy 0% - 10% 10% - 20%
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INLAND ARTC

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Appendix B - Figure 3.5.11

0	200	400 Metres		Sub arterial road
ARTC makes r duty of care or completeness, contained in th from material p ARTC has not accuracy or su ARTC will not t as a result of a	te System: GDA or representation or warra other responsibility to any accuracy or suitability of is GIS map. The GIS map rovided to ARTC by an ev ta ken any steps to verify itability of that material. be responsible for any los ny person whatsoever pic contained within this GIS	r party as to the he information has been prepared ternal source and he completeness, s or damage suffered cing reliance upon	5	Watercourse Percentage Change in dv 0% - 10% 10% - 20%
	acobsGHD	Paper: A3 Scale: 1:10,000 ayers: NSWSS; all	other layers:	JacobsGHD

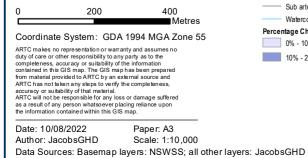




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Appendix B - Figure 3.5.12

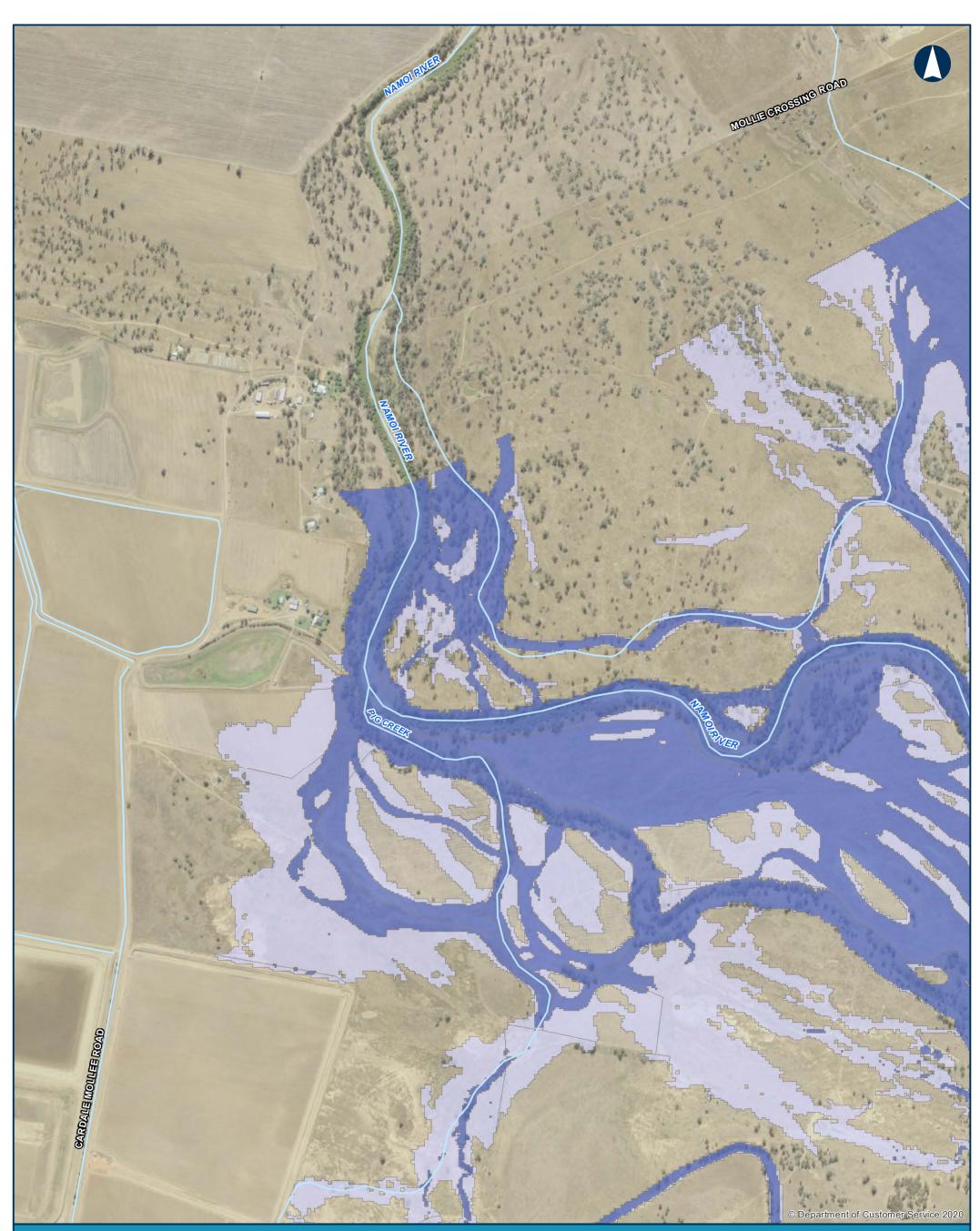


	Sub arterial road
	Watercourse
Percer	ntage Change in dv
	0% - 10%
	10% - 20%

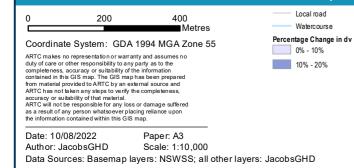




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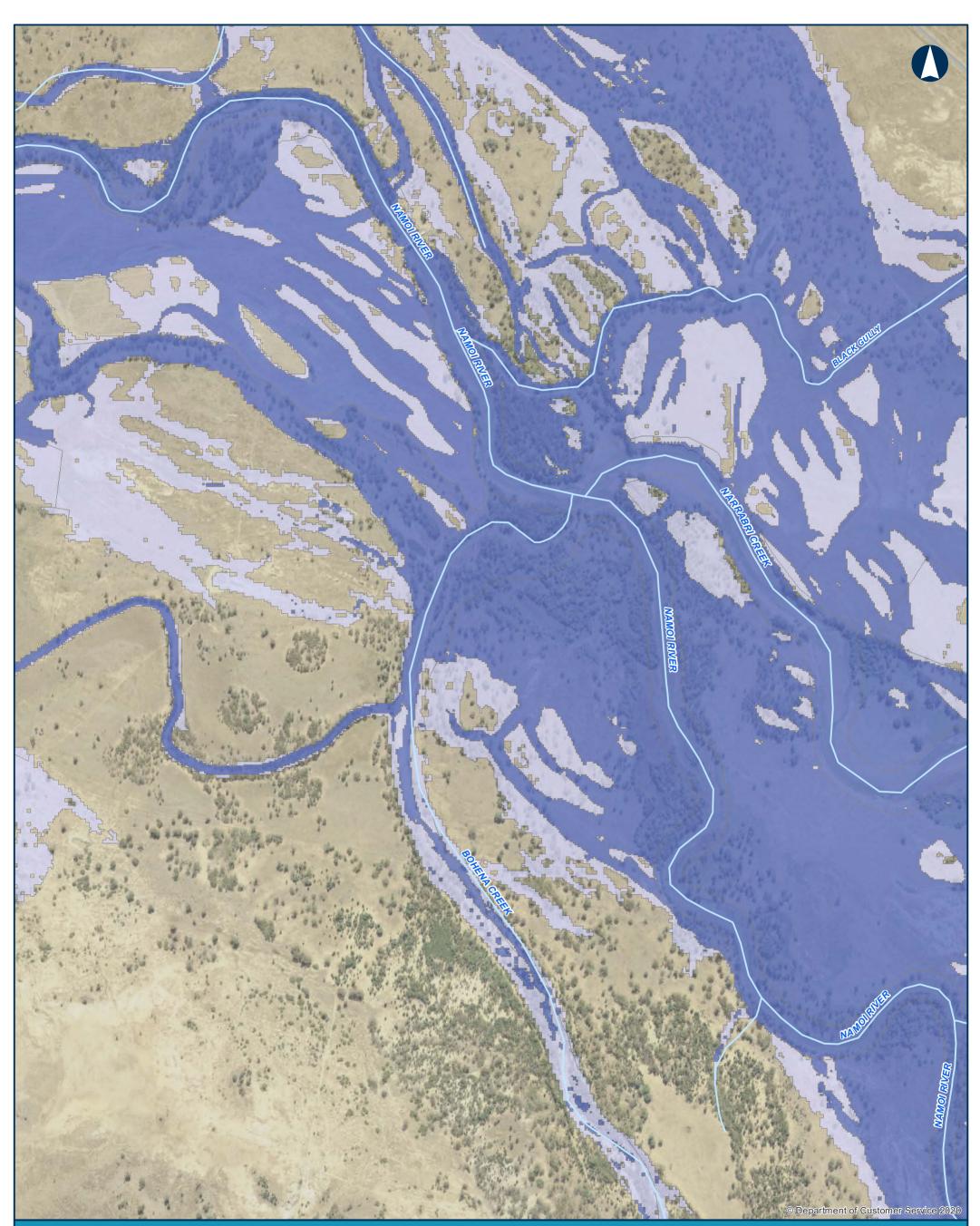
Appendix B - Figure 3.5.13



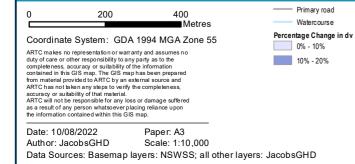




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



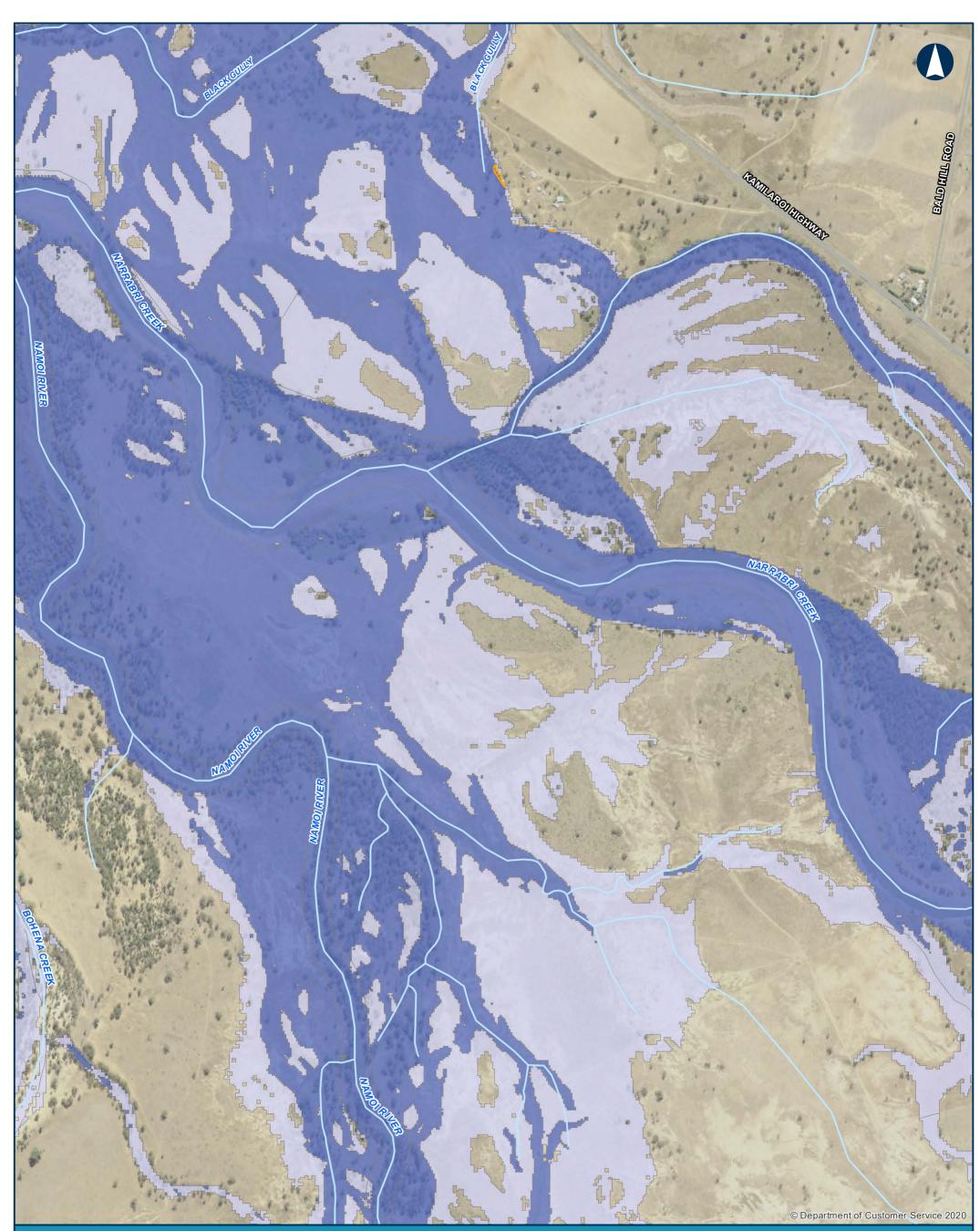
Appendix B - Figure 3.5.14



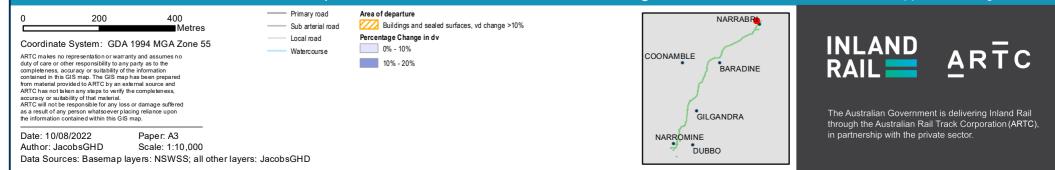


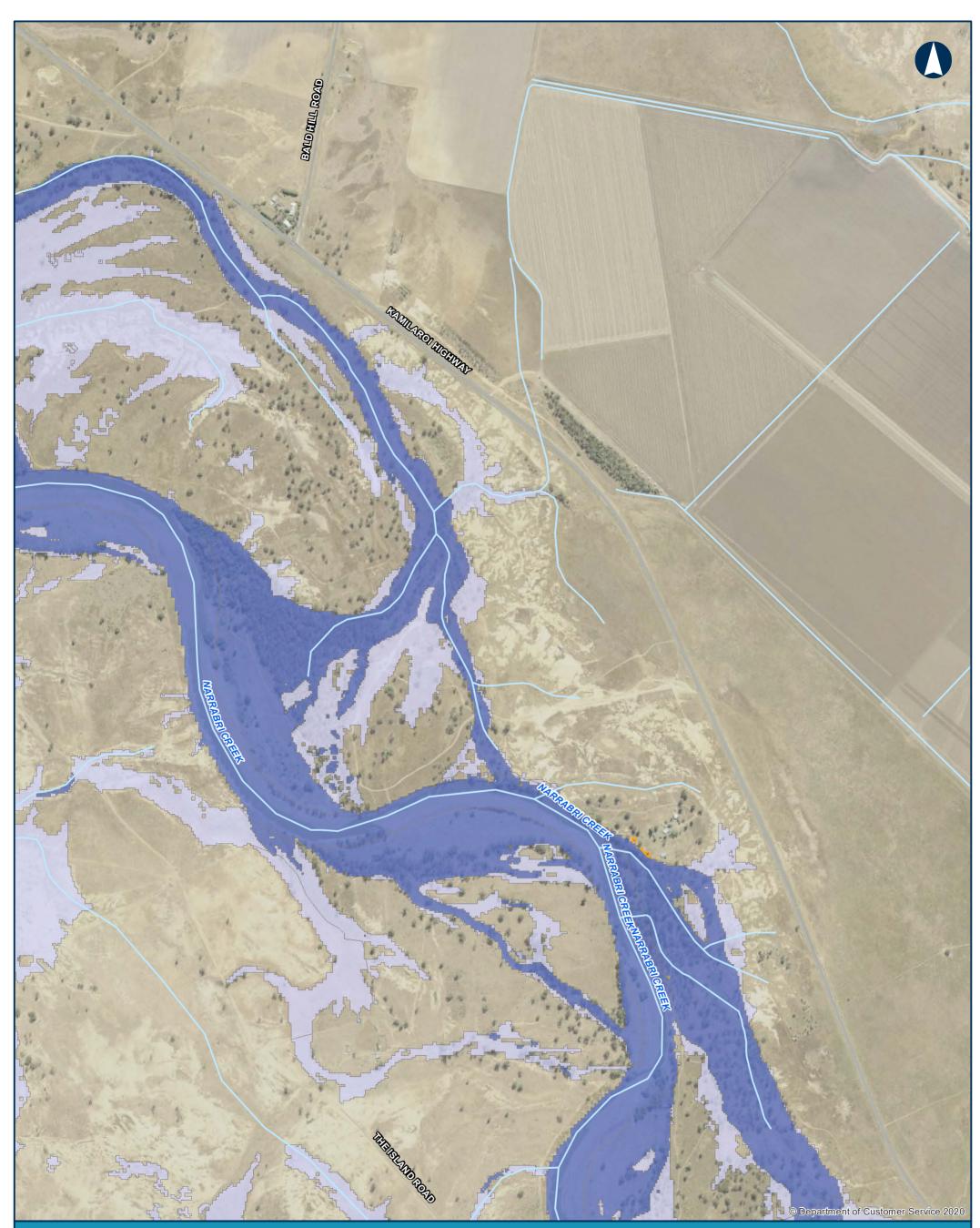
INLAND ARTC

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Appendix B - Figure 3.5.15

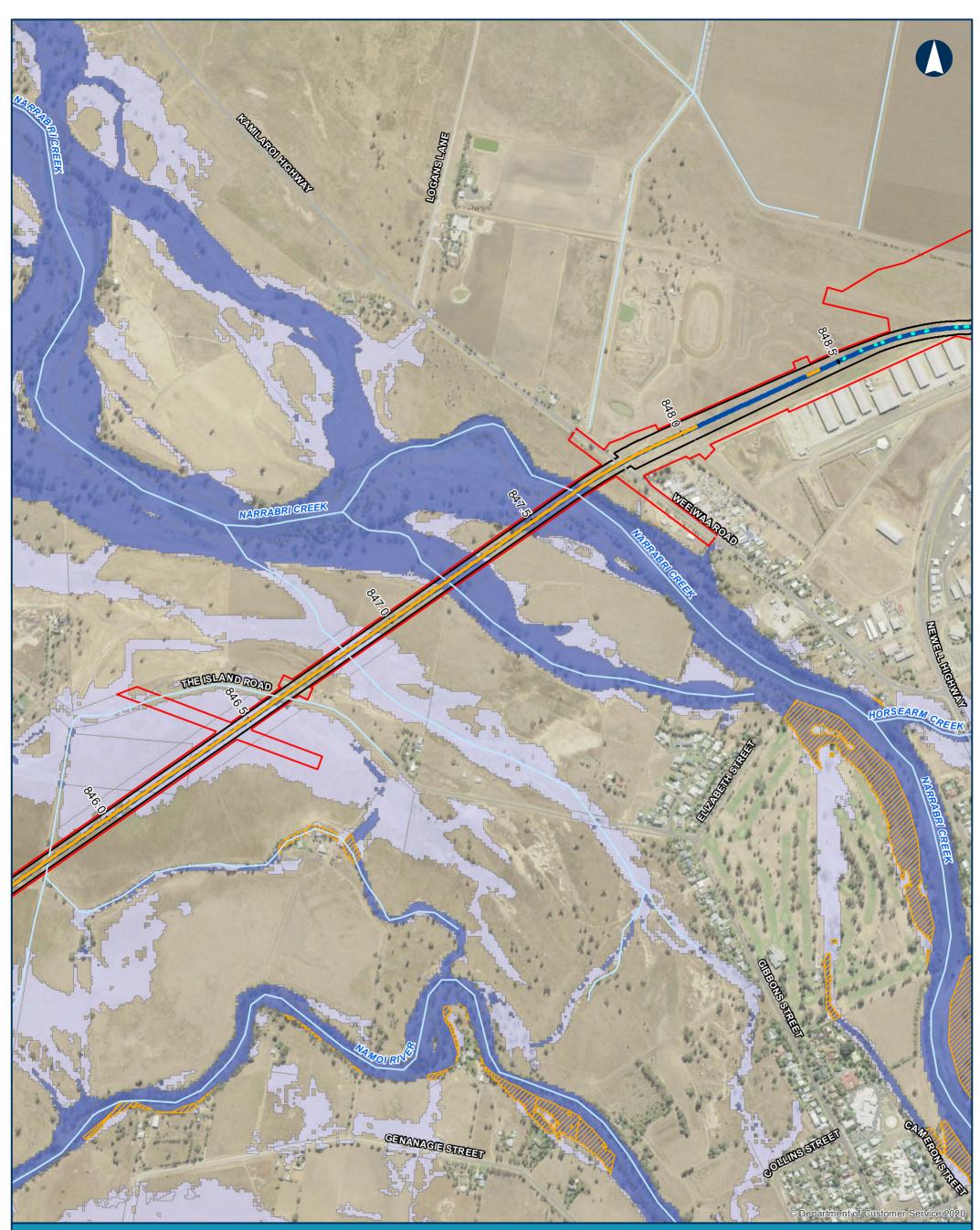




Appendix B - Figure 3.5.16

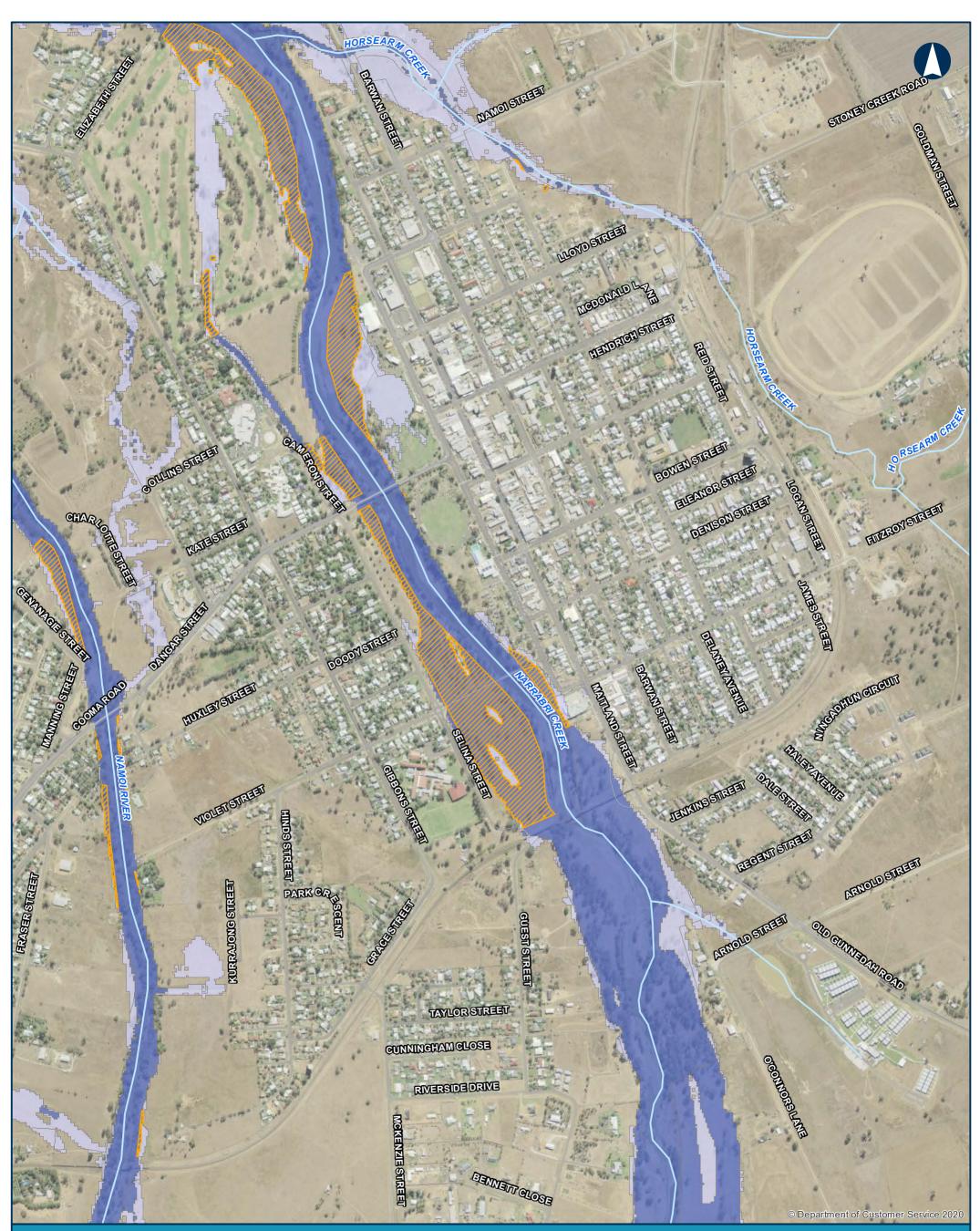
0 200 400 Metres Coordinate System : GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no dudy of care or other responsibility to any party as to the completeness, accuracy or subbility of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or subbility of the material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsever placing reliance upon the information contained within the GIS map.	Primary road Sub arterial road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other la	yers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



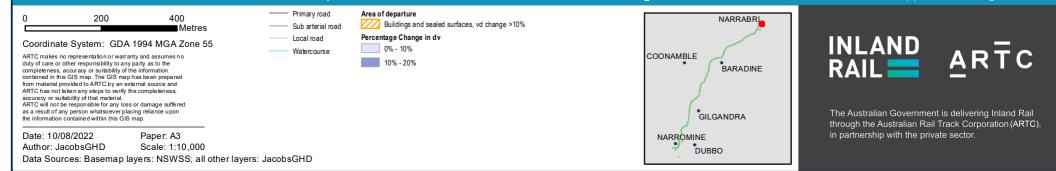


QDL departures - Hazard - 20% AEP - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.5.18 Rail Corridor Bridge Area of departure 0 NARRABR 200 400 Buildings and sealed surfaces, vd change >10% Culvert Metres INLAND RAIL Percentage Change in dv Alignment ARTC Coordinate System: GDA 1994 MGA Zone 55 0% - 10% 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 sleps 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. Primary road COONAMBLE 10% - 20% Local road BARADINE Watercourse The proposal The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector. GILGANDRA Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 DUBBO Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



Appendix B - Figure 3.5.19





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NARROMINE TO NARRABRI QDL departures - Hazard - 20% AEP - Narrabri Regional

Appendix B - Figure 3.5.20

0	200	400 Metres			Sub arterial Local road
ARTC makes no duty of care or of completeness, a contained in this from material pro- ARTC has not ta accuracy or suita ARTC will not be as a result of any	e System: GDA representation or warran her responsibility to any couracy or suitability of th (SI smap. The GIS map wided to ARTC by an ex- ken any steps to verify th ken any steps to verify th billy of that material. responsible for any loss person whatsoever plad ontained within this GIS	party as to the he information has been prepared lernal source and he completeness, or damage suffered sing reliance upon	5	Percen	Watercours tage Chang 0% - 10% 10% - 20%
Date: 10/0 Author: Jac Data Sourc	cobsGHD	Paper: A3 Scale: 1:10,000 ayers: NSWSS; all	other layers:	Jacobs	GHD







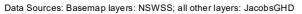
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



QDL departures - Hazard - 20% AEP - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.5.21

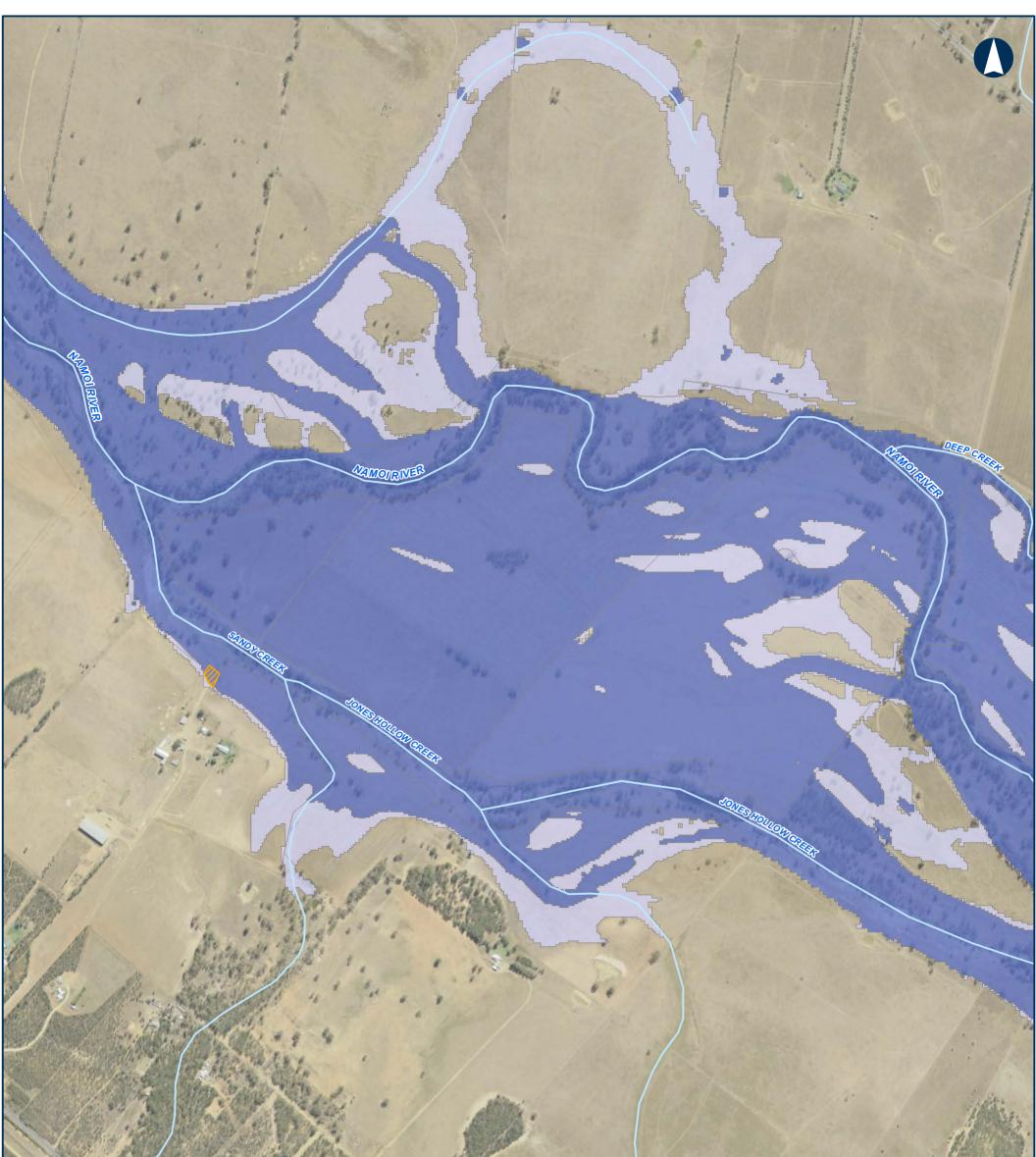
0	200	400 Metres	Sub arterial road
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Date: 10/08 Author: Jac		Paper: A3 Scale: 1:10,000	





INLAND ARTC

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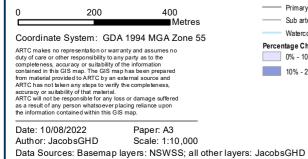
NARROMINE TO NARRABRI QDL departures - Hazard - 20% AEP - Narrabri Regional

Appendix B - Figure 3.5.22

0 200 400 Primary road Metres Metres Sub arterial road Coordinate System: GDA 1994 MGA Zone 55 Local road 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. Watercourse ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever preloring reliance upon the information contained within this GIS map. Metres	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022Paper: A3Author: JacobsGHDScale: 1:10,000Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.5.23

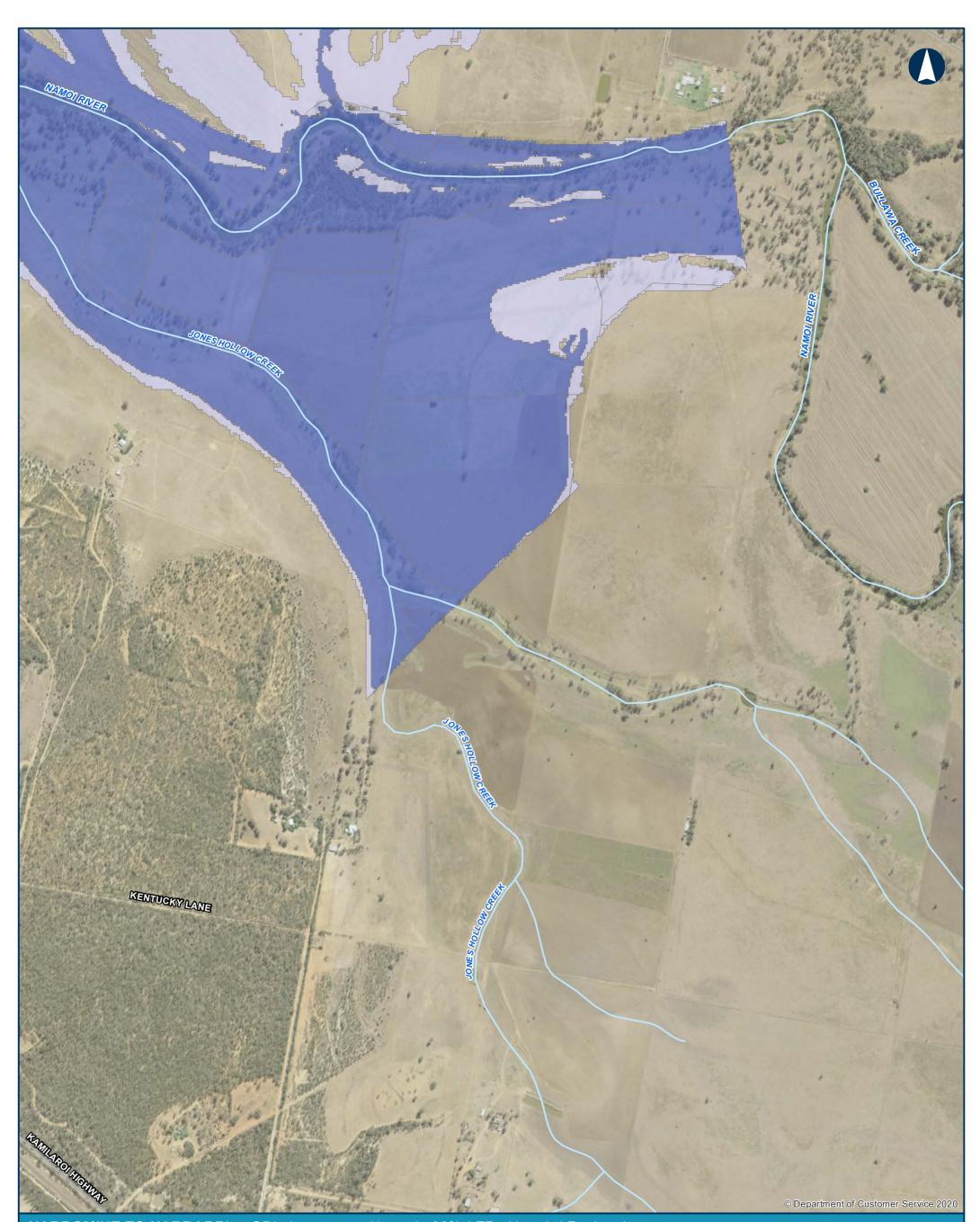


	Primary road Sub arterial road
	Watercourse
Percer	ntage Change in dv 0% - 10%
	10% - 20%





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Appendix B - Figure 3.5.24

		Metres	
Coordinate	e System: GD	A 1994 MGA Zone 55	
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Date: 10/0	8/2022	Paper: A3	
Author: Ja	cobsGHD	Scale: 1:10,000	

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

	Primary road
	Sub arterial road
	Local road
	Watercourse
Percen	ntage Change in dv 0% - 10%
Percen	• •
Percen	0% - 10%

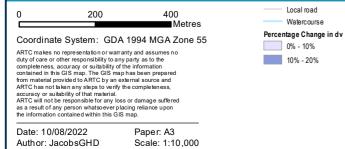




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Appendix B - Figure 3.5.25

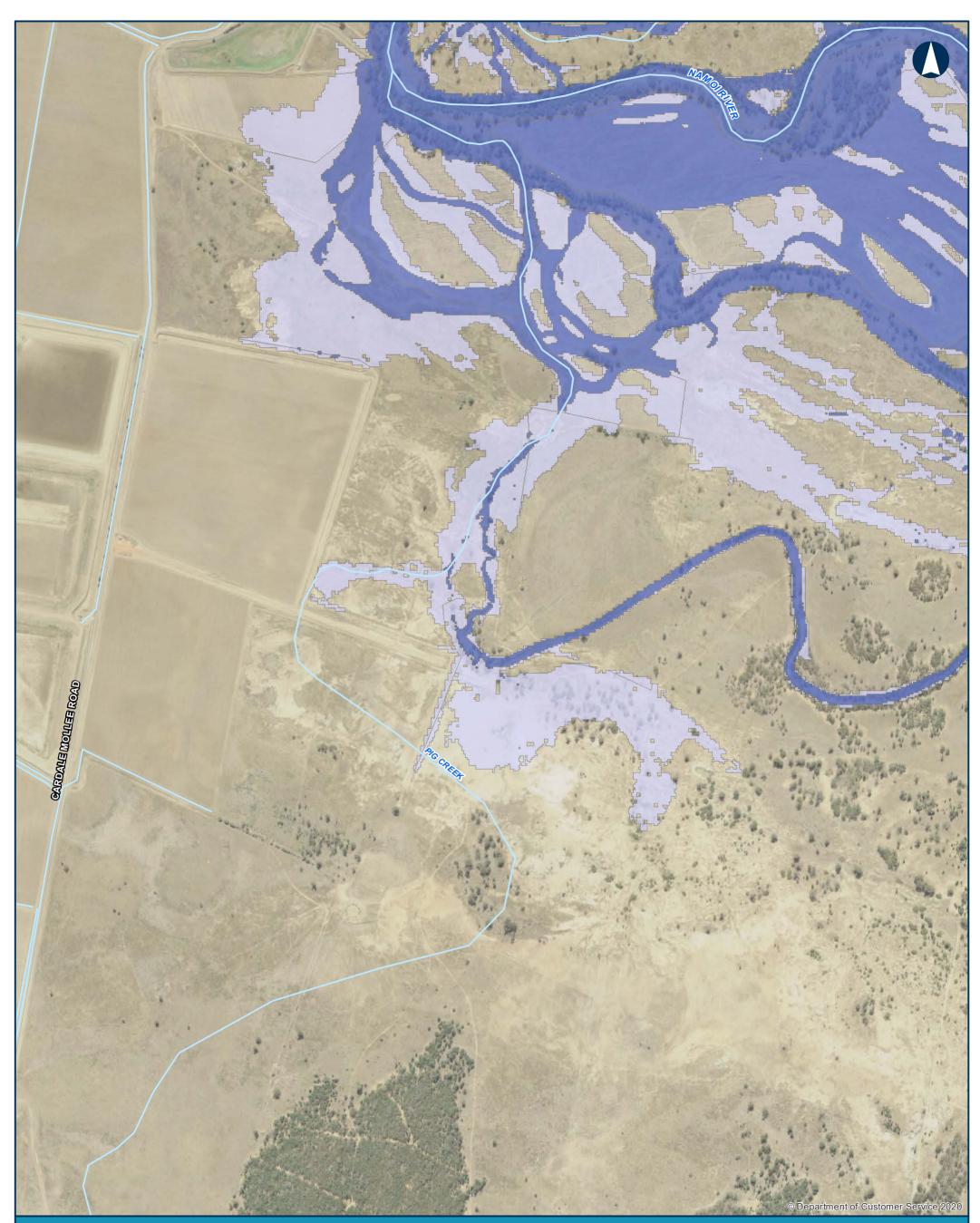


Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD





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Appendix B - Figure 3.5.26

ARTC makes n duty of care or completeness, contained in th from material p ARTC has not accuracy or su ARTC will not t as a result of a	0 200 400 Metres Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duly 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 the material. ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing relance upon			Local road Watercourse Percentage Change in dv 0% - 10% 10% - 20%
Date: 10/0 Author: Ja	cobsGHD	Paper: A3 Scale: 1:10,000 ayers: NSWSS; all	other layers: J	acobsGHD



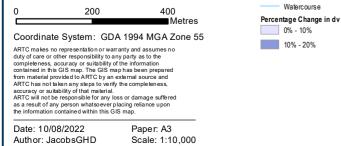




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Appendix B - Figure 3.5.27



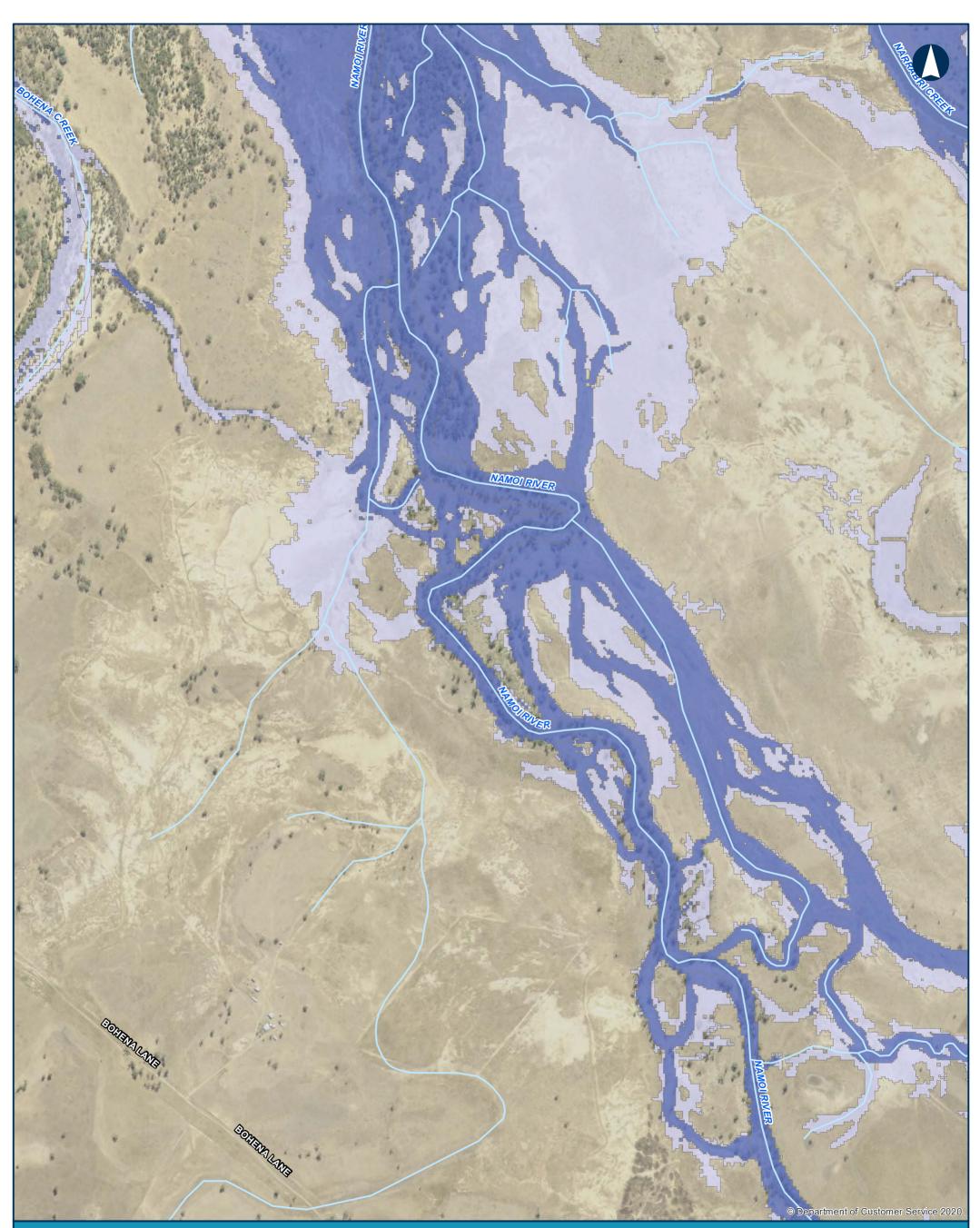
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



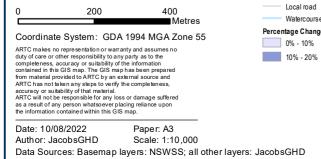


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

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Appendix B - Figure 3.5.28

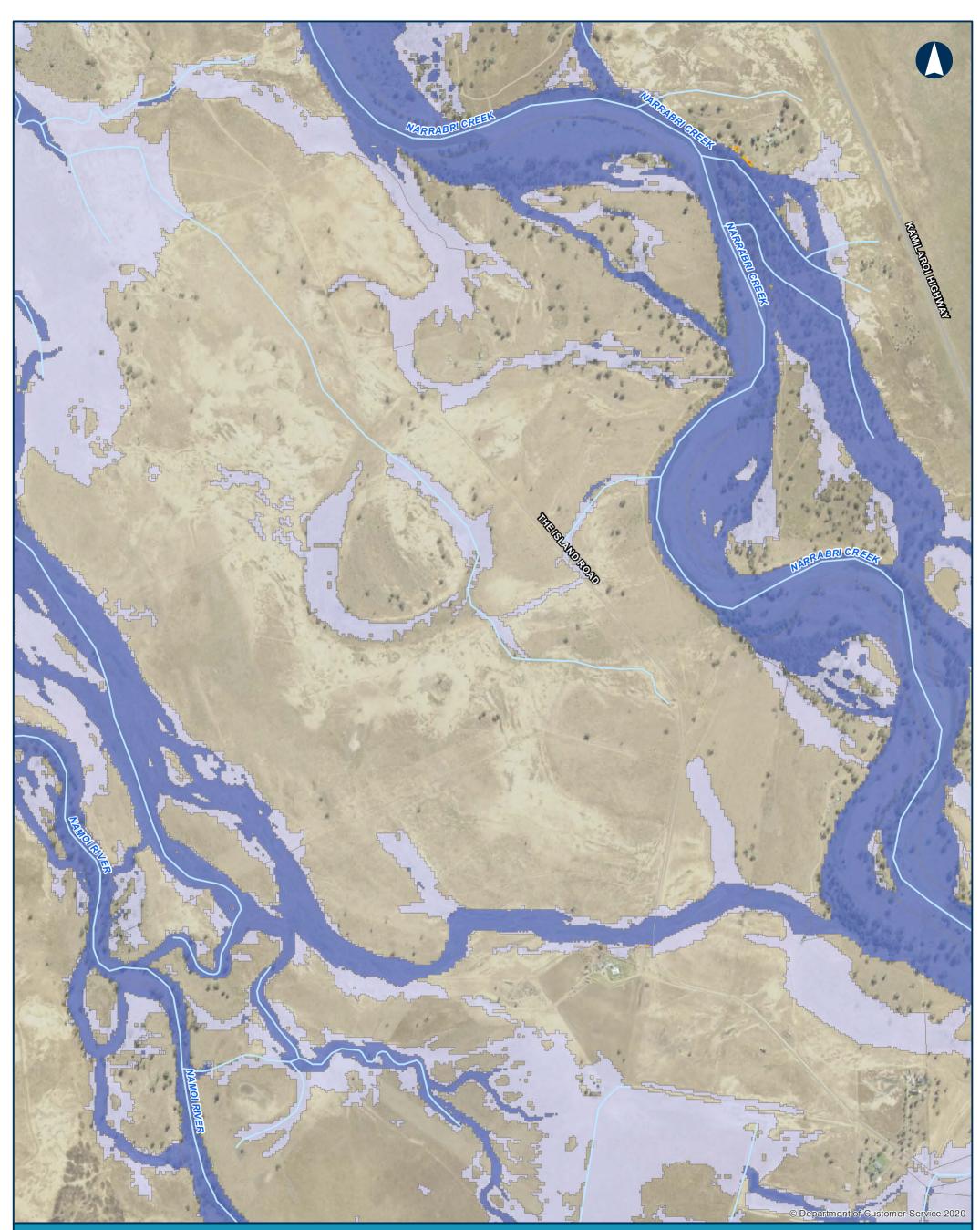






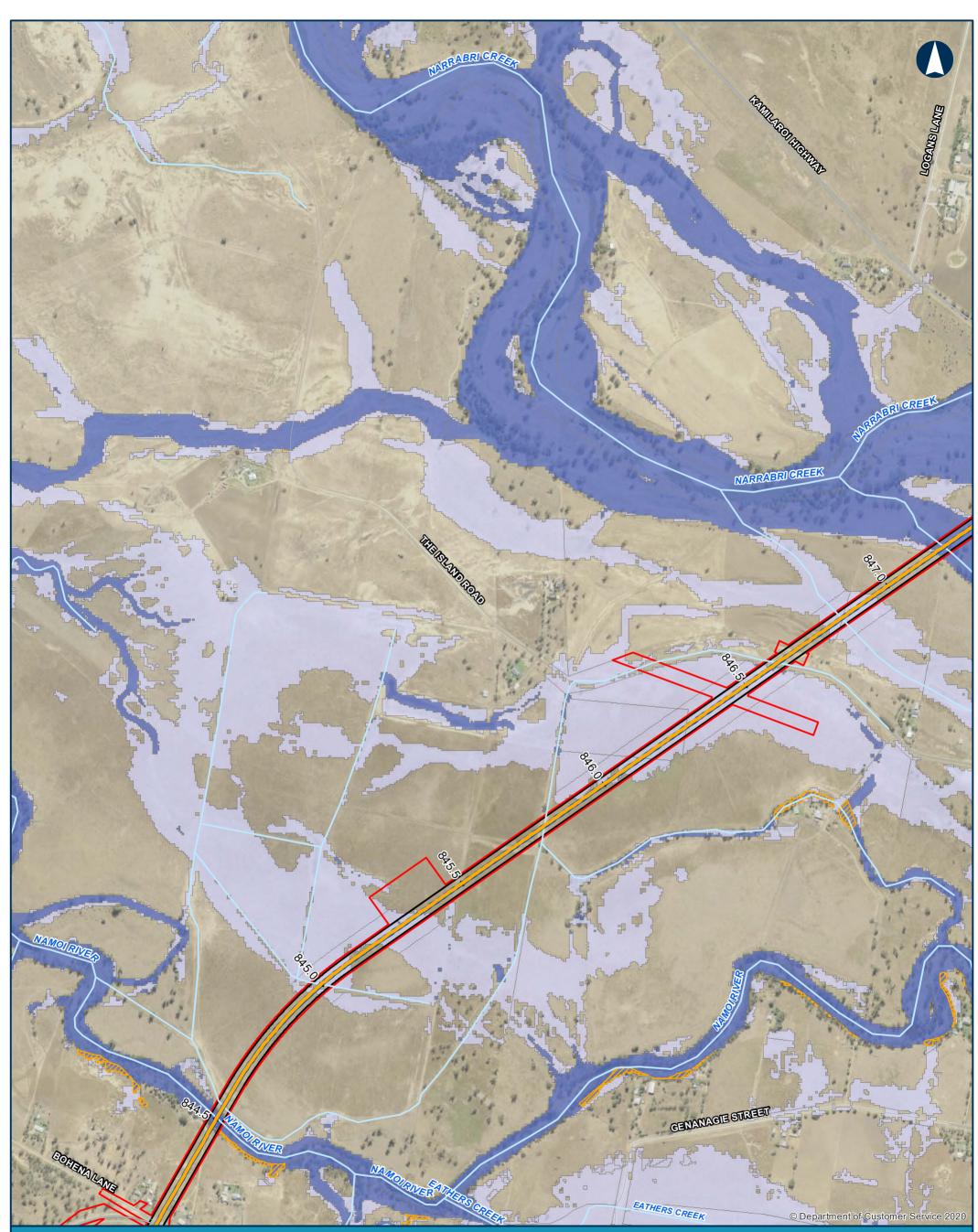


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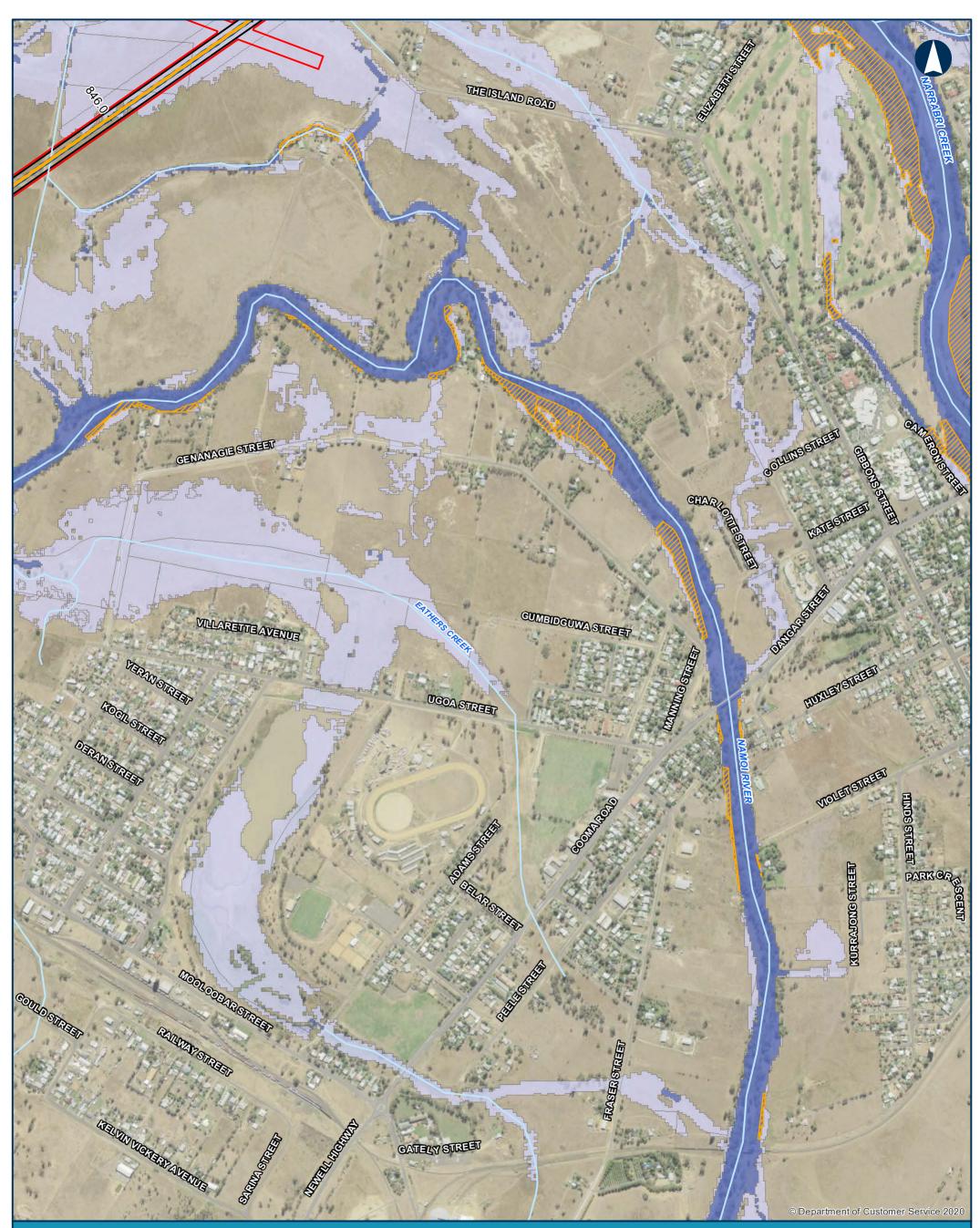
Appendix B - Figure 3.5.29

0 200 400 Metres 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.	Primary road Area of departure Local road Buildings and sealed surfaces, vd change >10% Watercourse Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022Paper: A3Author: JacobsGHDScale: 1:10,000Data Sources: Basemap layers: NSWSS; all other layers: A	JacobsGHD	NARROMINE DUBBO	in partnership with the private sector.



Rail Corridor Area of departure WWW Buildings and sealed surfaces, vd change >10% Bridge 0 200 400 NARRABRI Metres Alignment Percentage Change in dv Primary road ARTC Coordinate System: GDA 1994 MGA Zone 55 0% - 10% 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 sleps 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. Sub arterial road ____ COONAMBLE 10% - 20% Local road BARADINE Watercourse The proposal The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), GILGANDRA in partnership with the private sector. Date: 10/08/2022 Paper: A3 Scale: 1:10,000 Author: JacobsGHD DUBBO Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Appendix B - Figure 3.5.30

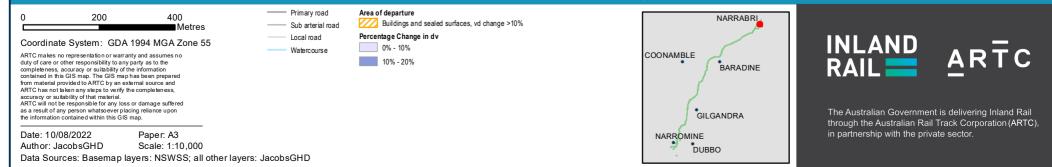


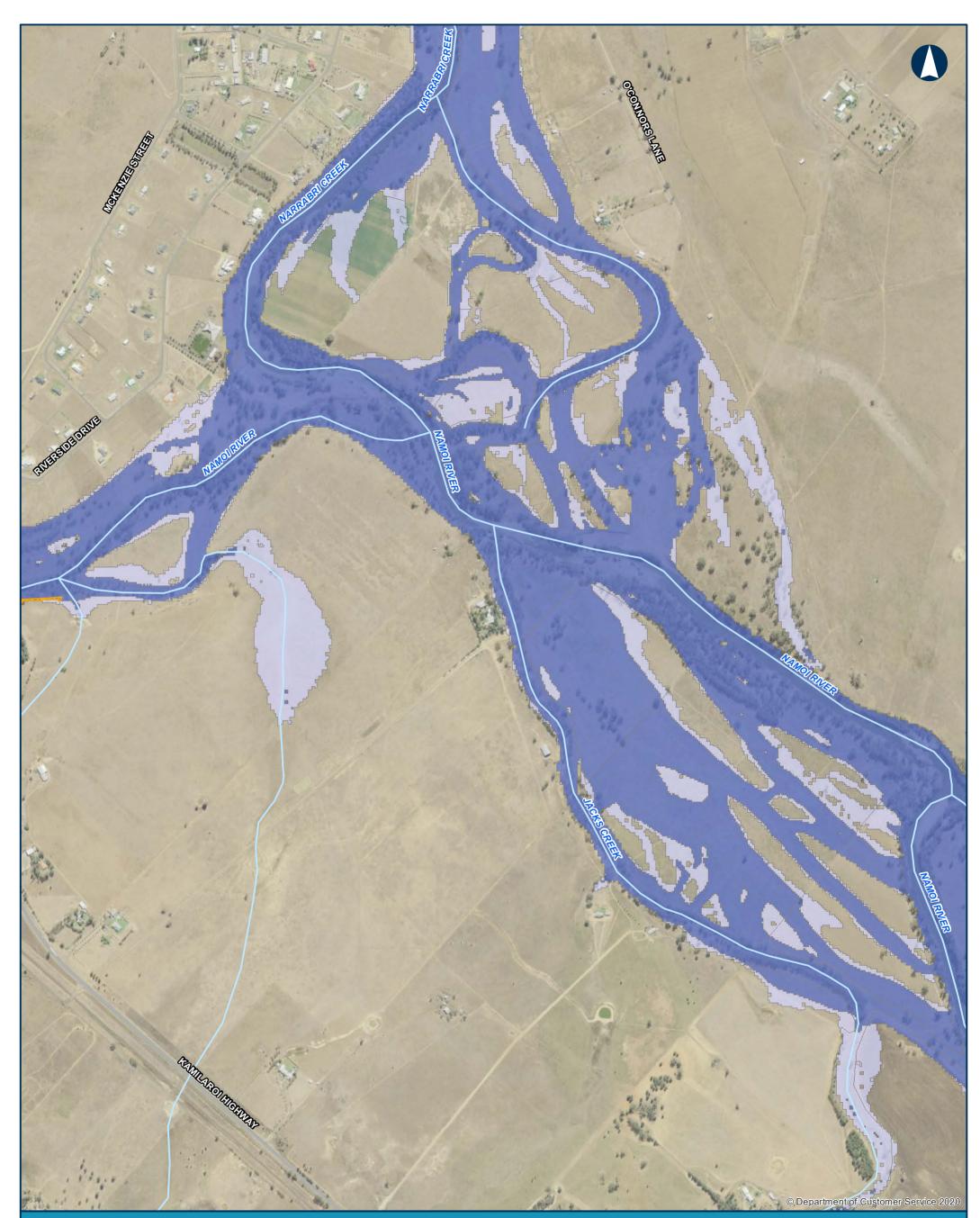
Bridge Rail Corridor Area of departure 0 200 400 NARRABR Buildings and sealed surfaces, vd change >10% Metres Alignment Percentage Change in dv Primary road Coordinate System: GDA 1994 MGA Zone 55 ARTC 0% - 10% COORDINATE SYSTEM: GDA 1994 INGA 20 ARTC makes no representation or warranty and assumes no 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. - Sub arterial road _ COONAMBLE 10% - 20% Local road BARADINE Watercourse The proposal The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), GILGANDRA Date: 10/08/2022 Paper: A3 in partnership with the private sector. Scale: 1:10,000 Author: JacobsGHD DUBBO Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

Appendix B - Figure 3.5.31



Appendix B - Figure 3.5.32





Appendix B - Figure 3.5.33

0 200 400 Metres Coordinate System: GDA 1994 MGA Zone 55 ATC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the combined 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 assult of any person whatsoever placing reliance upon the information contained within this GIS map.	Local road	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other	layers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.

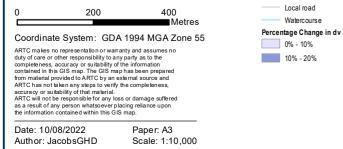


Appendix B - Figure 3.5.34

0 200 400	Primary road Area of departure Local road Buildings and sealed surfaces, vd change >10% Watercourse Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: Jacobs	GHD	NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.5.35

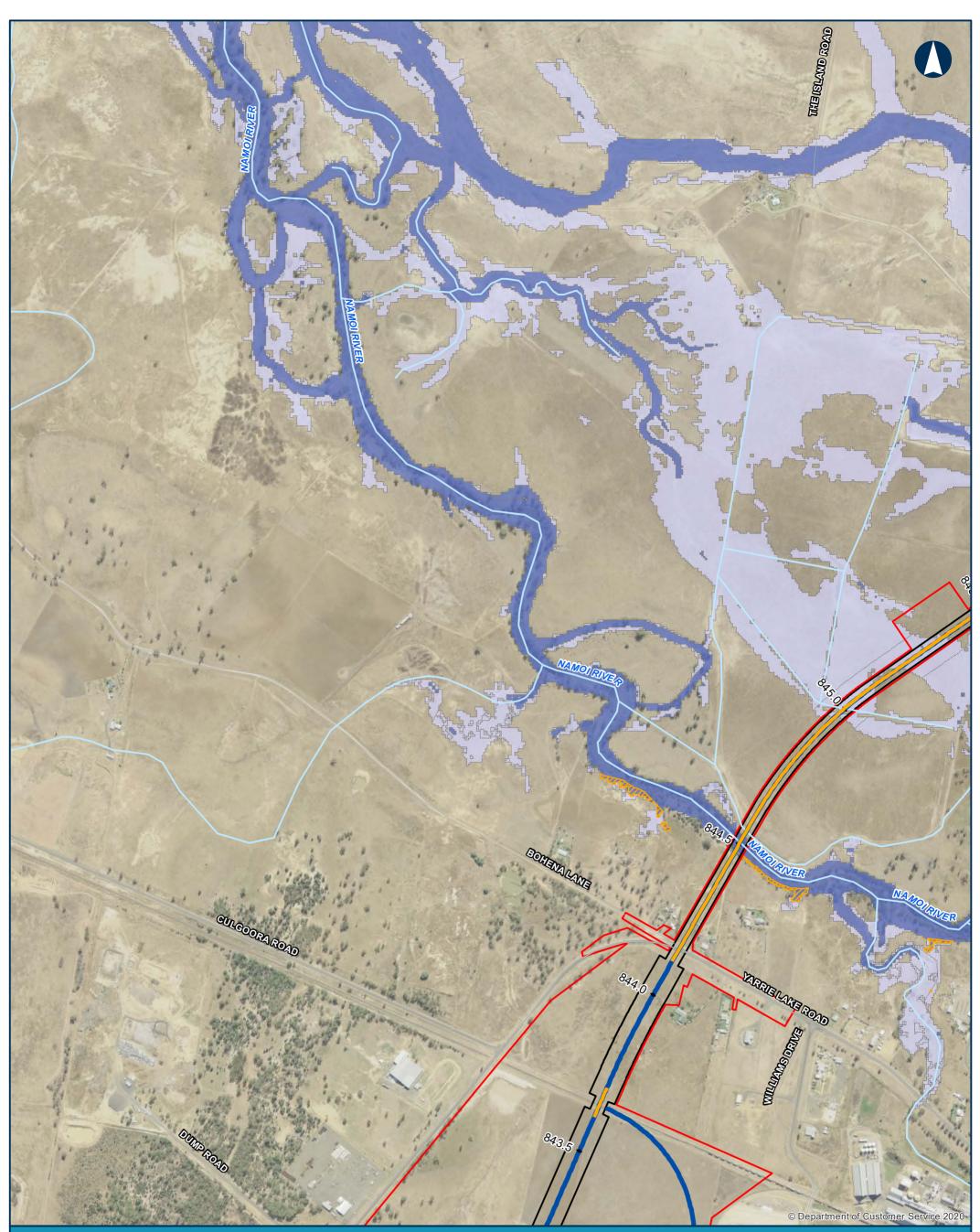


Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

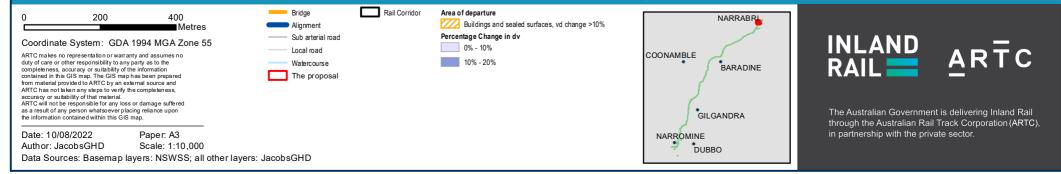


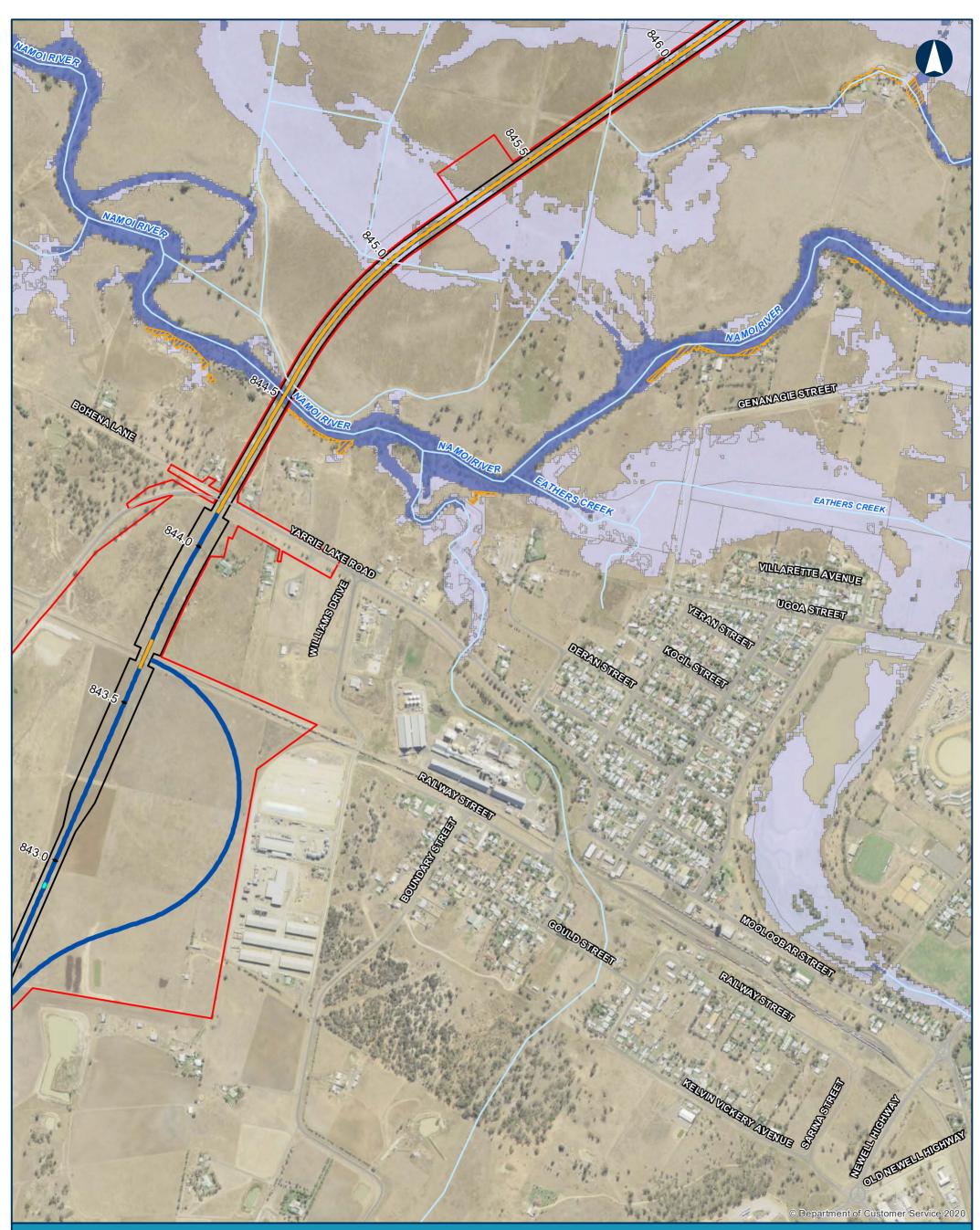


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

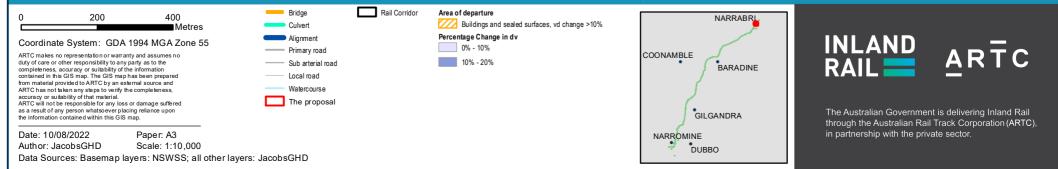


Appendix B - Figure 3.5.36



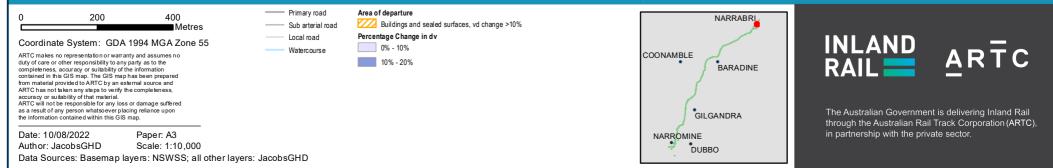


Appendix B - Figure 3.5.37





Appendix B - Figure 3.5.38



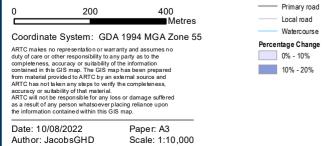


Appendix B - Figure 3.5.39

0 200 400 Metres 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 suibility of the information contained in this GIS map. The GIS map has been prepared form material provided to ARTC by an external source and 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.	Primary road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAM	BLE BARADINE	INLAND RAIL	ARTC
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layer	ers: JacobsGHD		NARRC	DUBBO	in partnership with the priv	



Appendix B - Figure 3.5.40



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

s 55	Local road Watercourse Percentage Change in dv 0% - 10% 10% - 20%
-	

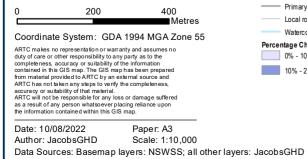




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.1









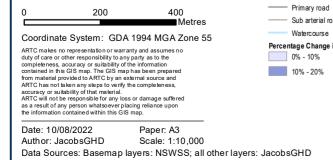
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

 $N: A U New castle Projects 12219593 (GIS) GIS_2500_N2N_v 2 (Maps) Deliverables_SPIR (EIS/Flooding_Hydrology (Appendices 12500_EISFWPAPP132_QDL_Regional_Hazard_5pc_revA.mxd) and the second s$





Appendix B - Figure 3.6.2







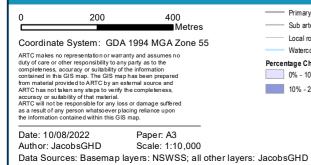


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

 $N: A U New castle Projects 12219593 (GIS) GIS_2500_N2N_v 2 (Maps) Deliverables_SPIR (EIS/Flooding_Hydrology (Appendices 12500_EISFWPAPP132_QDL_Regional_Hazard_5pc_revA.mxd) and the second s$



Appendix B - Figure 3.6.3



Local road
Watercourse
Percentage Change in dv
0% - 10%
10% - 20%

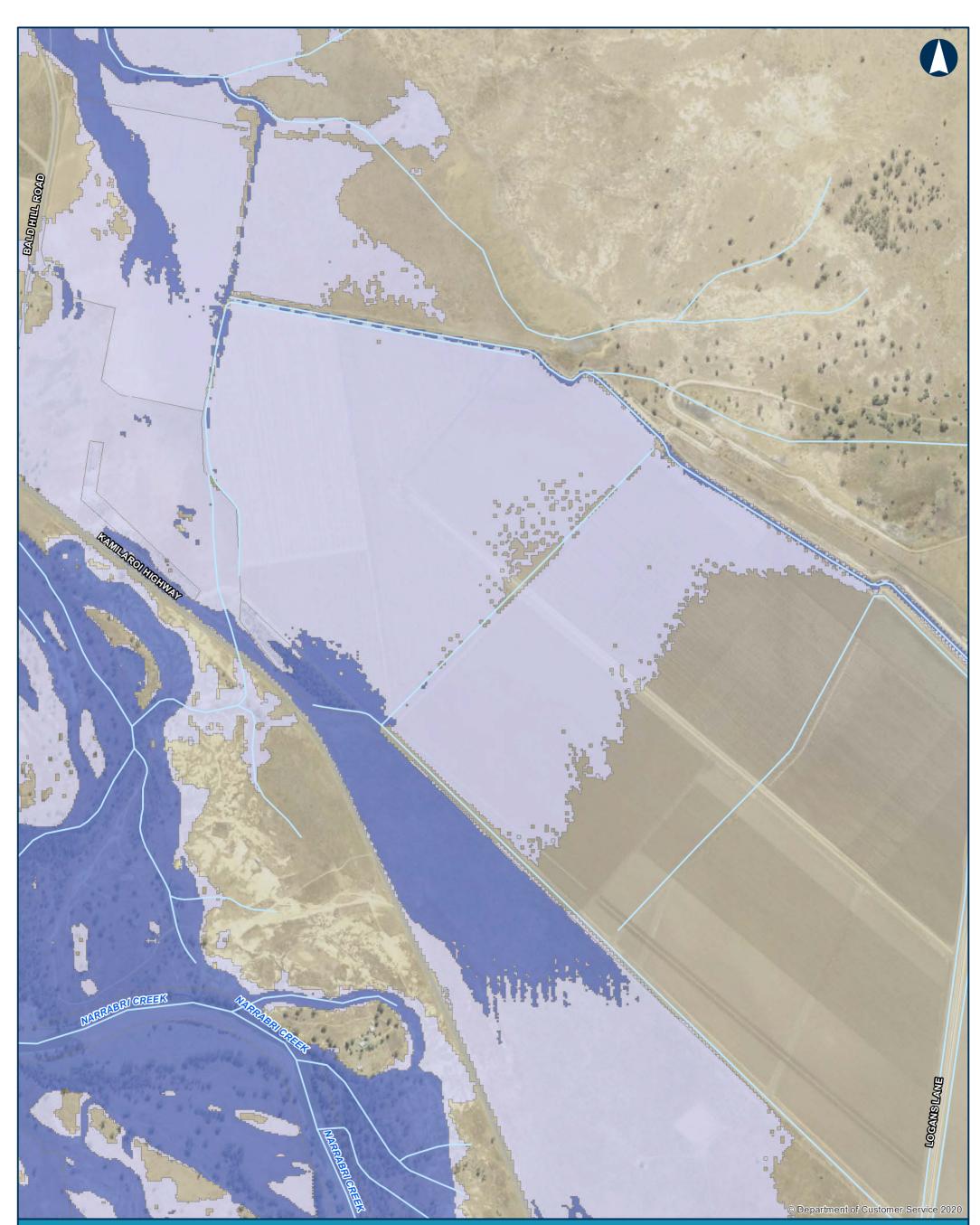
----- Primary road

Sub arterial road

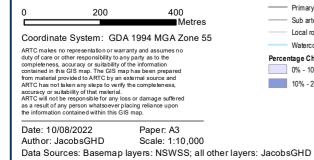




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.4



	Sub arterial road
	Local road
	Watercourse
Perce	ntage Change in dv
	0% - 10%
	10% - 20%

Primary road

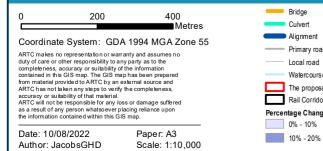




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.5



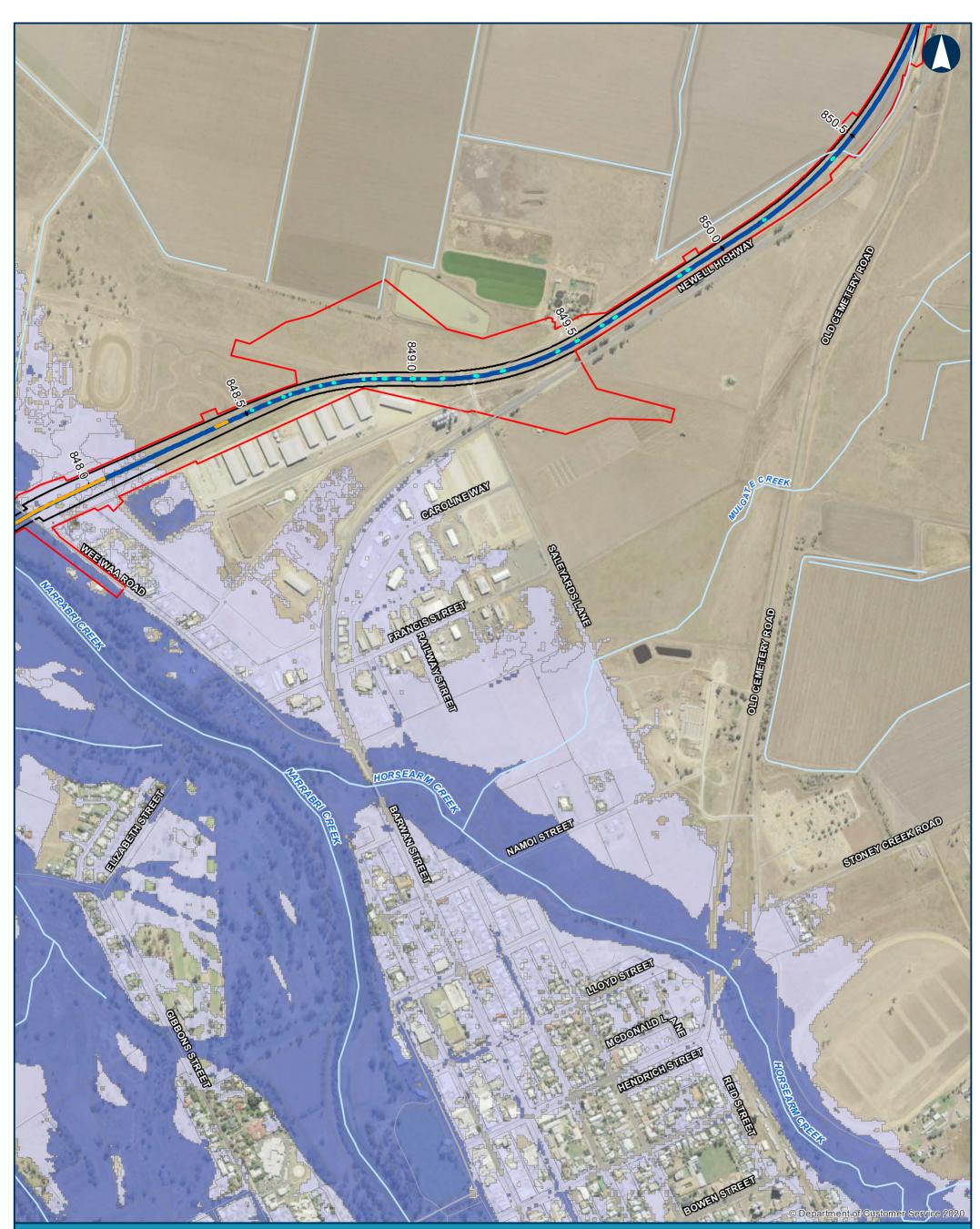
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



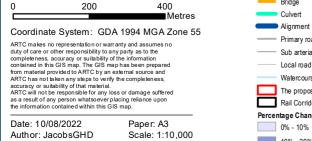




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.6





Rail Corridor

Percentage Change in dv

Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD^{20%}





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



Appendix B - Figure 3.6.7

ARTC makes duty of care or completeness, contained in th from material ARTC has not accuracy or su ARTC will not as a result of a	200 te System: GDJ, no representation or war other responsibility to a is GIS map. The GIS ma accuracy or suitability of that subbility of that material. be responsible for any to hat see nany steps to verify tability of that subceverp a contained within this G	ny party as to the f the information ap has been prepared external source and v the completeness, ss or damage suffered lacing reliance upon		Sub arte Local roa Waterco Percentage Chi 0% - 10% 10% - 20
	acobsGHD	Paper: A3 Scale: 1:10,000 layers: NSWSS; all	other layers:	JacobsGHD







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



Appendix B - Figure 3.6.8

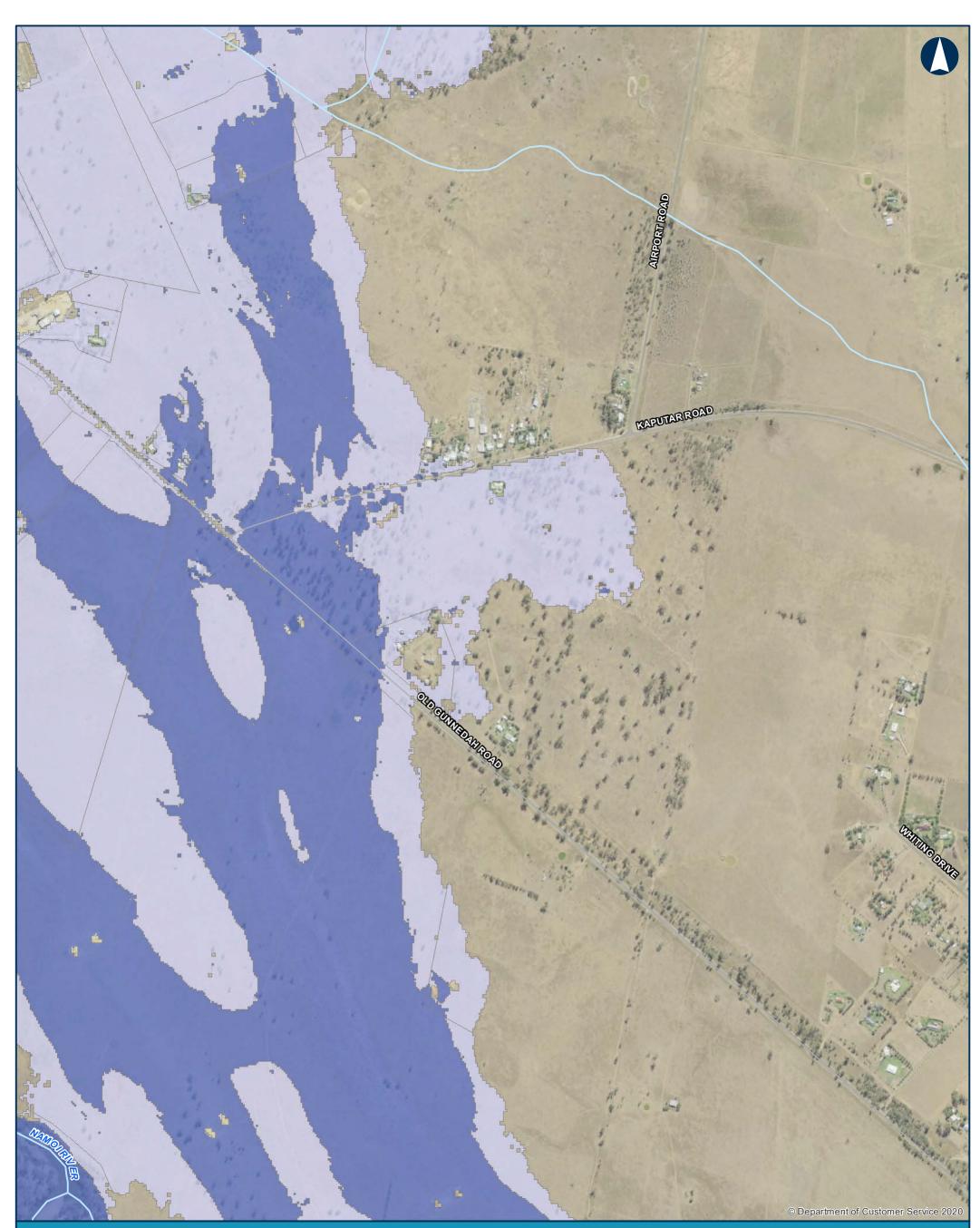
ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared	Local roa Waterco rcentage Cha 0% - 10% 10% - 20
from material provided to ARTC by an external source and ARTC has not take an 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: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: Jacob	obsGHD

	Sub arterial road
	Local road
	Watercourse
Percer	ntage Change in dv
	0% - 10%
	10% - 20%



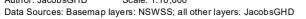


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.9

0 200	400 Metres	Sub arterial road
Coordinate System: ARTC makes no representation n duty of care or other responsibilition completeness, accuracy or sullal contained in this GIS map. The C from material provided to ARTC I ARTC has not taken any sleps to accuracy or suilability of that ma ARTC will not be responsible for as a result of any person whatso	y to any party as to the solity of the information IS map has been prepared y an external source and verify the completeness, erial. any loss or damage suffered ever placing reliance upon	Watercourse Percentage Change in dv 0% - 10% 10% - 20%
Date: 10/08/2022 Author: JacobsGHD	Paper: A3 Scale: 1:10,000	







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



QDL departures - Hazard - 5% AEP - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.6.10

0	200	400 Metres	Sub arterial
ARTC makes i duty of care or completeness, contained in th from material p ARTC has not accuracy or su ARTC will not as a result of a	te System: GDJ, no representation or war other responsibility to a accuracy or suitability or is GIS map. The GIS m rovided to ARTC by an taken any steps to verifi tability of that material. be responsible for any te ny person whatsoever p contained within this G	ny party as to the f the information ap has been prepared external source and v the completeness, bas or damage suffered lacing reliance upon	55 Watercourse Percentage Chang 0% - 10% 10% - 20% 10% - 20%
	acobsGHD	Paper: A3 Scale: 1:10,000 layers: NSWSS; all	other layers: JacobsGHD

	Sub arterial road
	Local road
	Watercourse
Perce	ntage Change in dv
	00/ 400/



ARTC

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



QDL departures - Hazard - 5% AEP - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.6.11

0	200	400 Metres	-
ARTC makes n duty of care or completeness, contained in th from material p ARTC has not accuracy or su ARTC will not to as a result of a	te System: GDA no repre sentation or warr other responsibility of an accuracy or suitability of is GIS map. The GIS man rovided to ARTC by an e taken any steps to verify itability of that material. se responsible for any los ny person whatsoever pl contained within this GIS	y party as to the the information b has been prepared xternal source and the completeness, us or damage suffered acting reliance upon	P
Date: 10/0 Author: Ja	08/2022 acobsGHD	Paper: A3 Scale: 1:10,000	

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

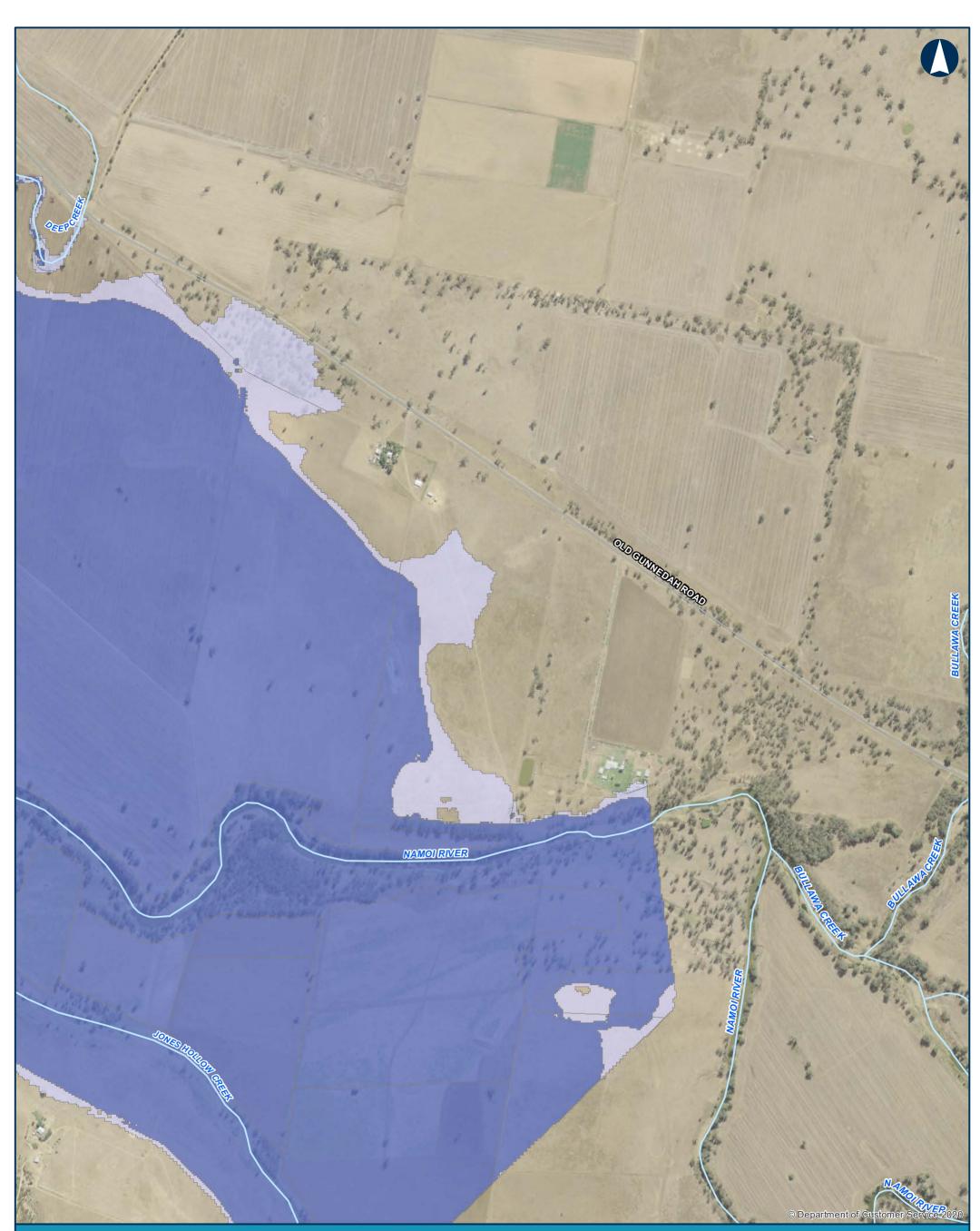
	Sub arterial road
	Local road
	Watercourse
Percen	tage Change in dv
	0% - 10%
	10% - 20%



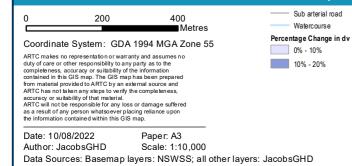




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.12

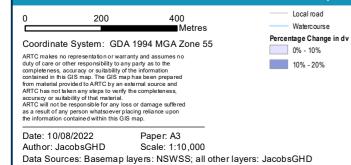




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



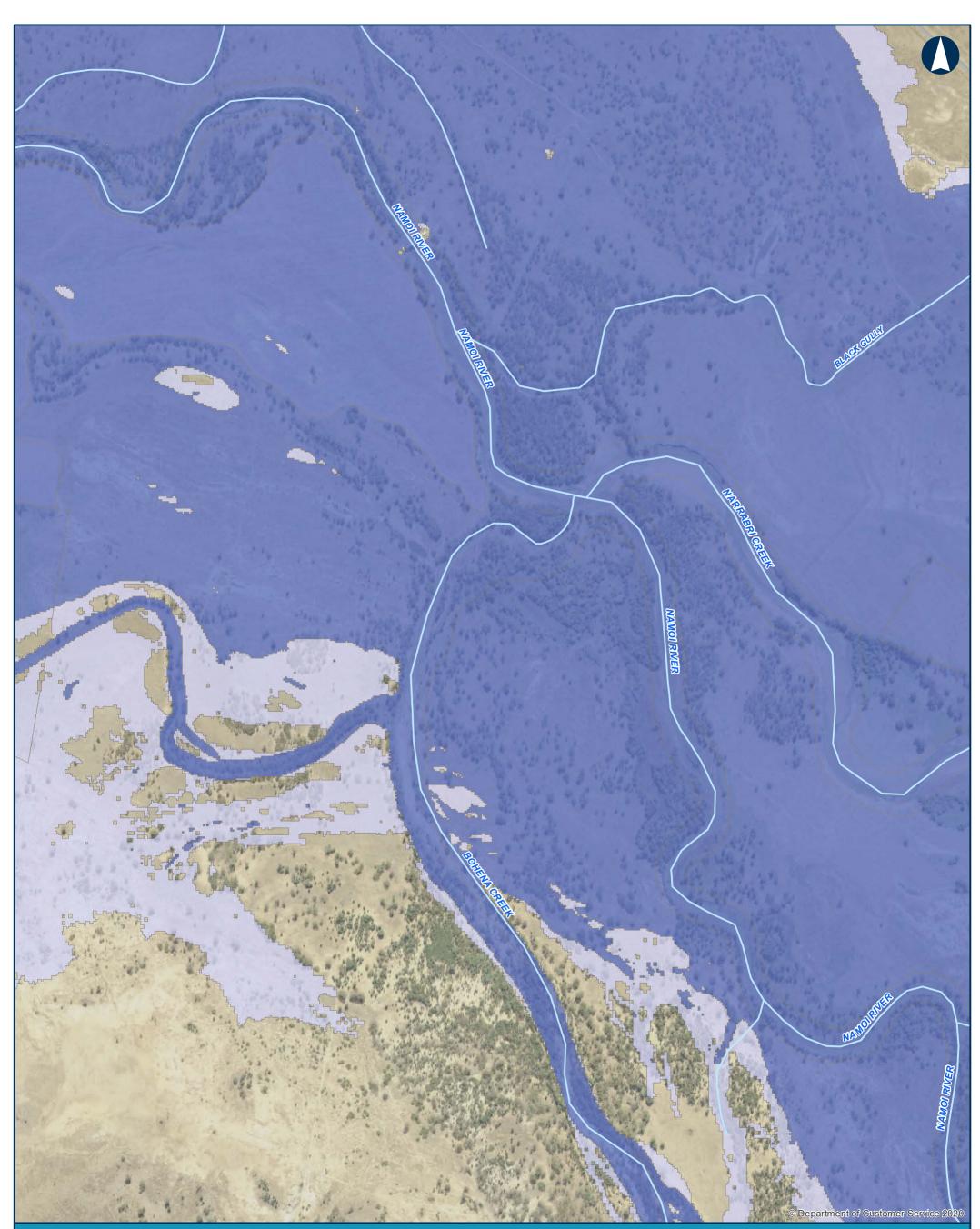
Appendix B - Figure 3.6.13



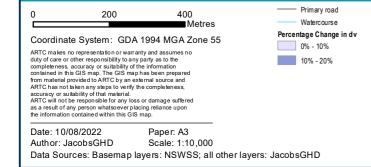




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



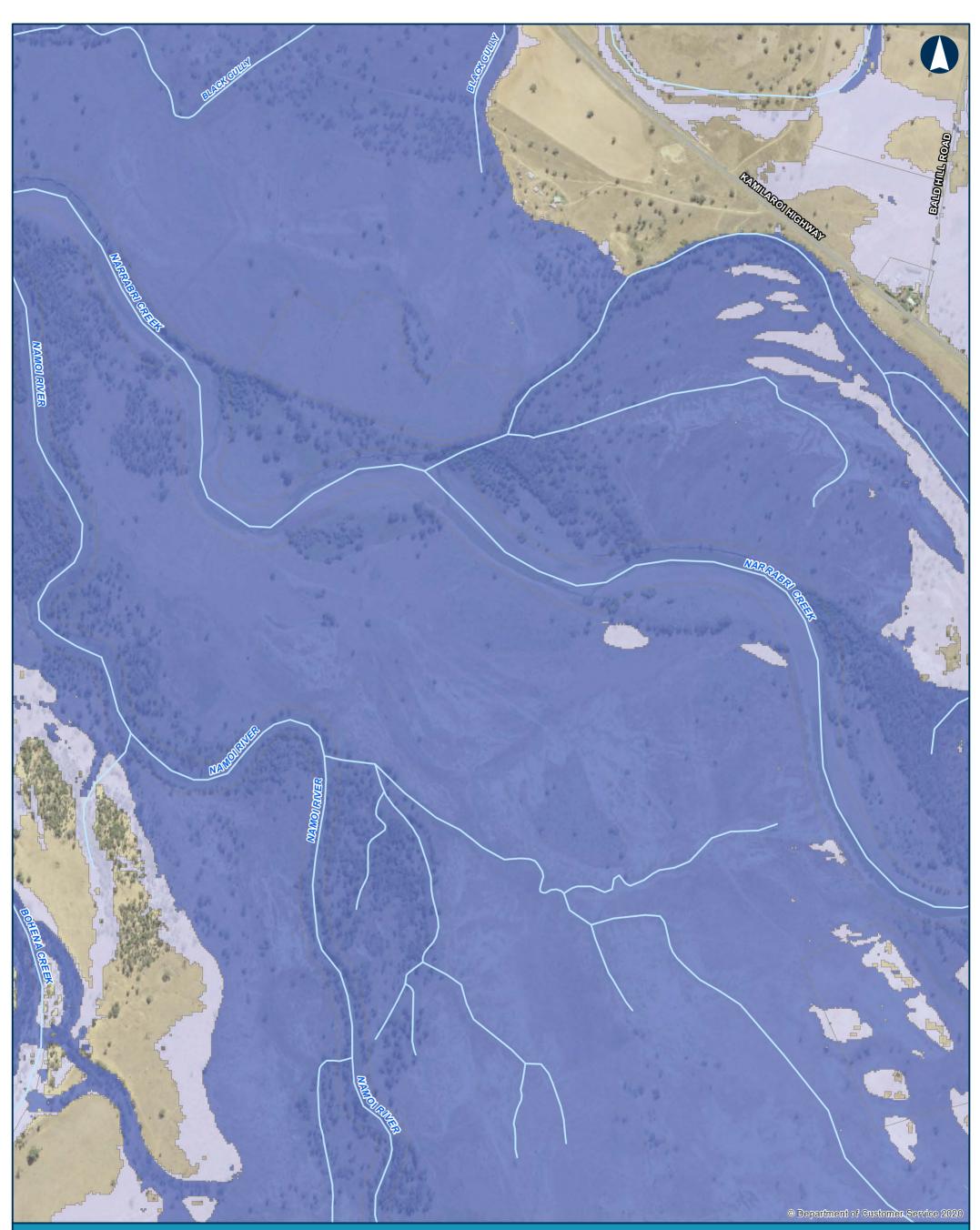
Appendix B - Figure 3.6.14



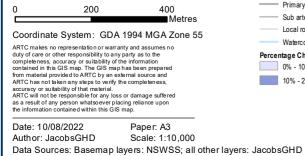




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.15

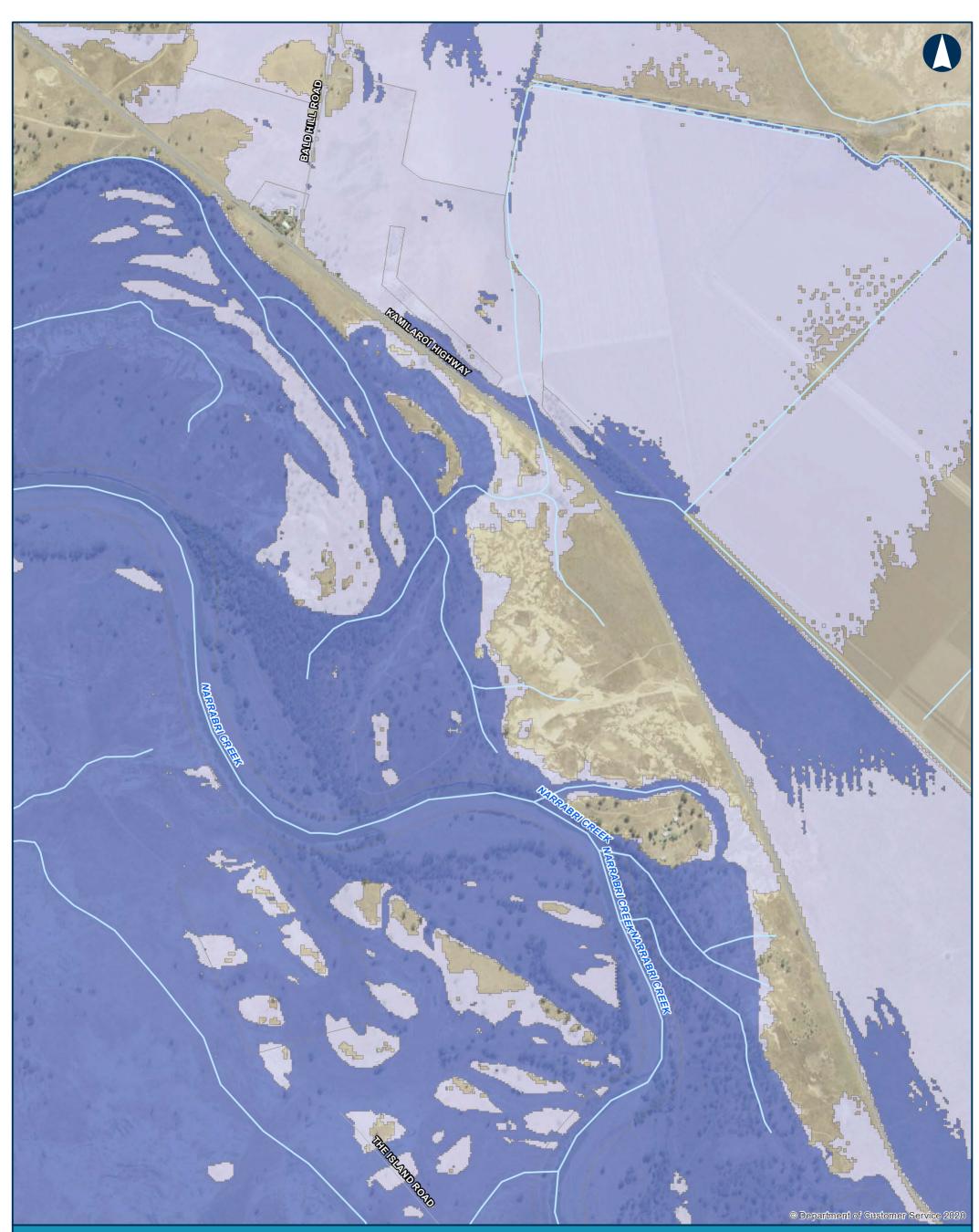








The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.16

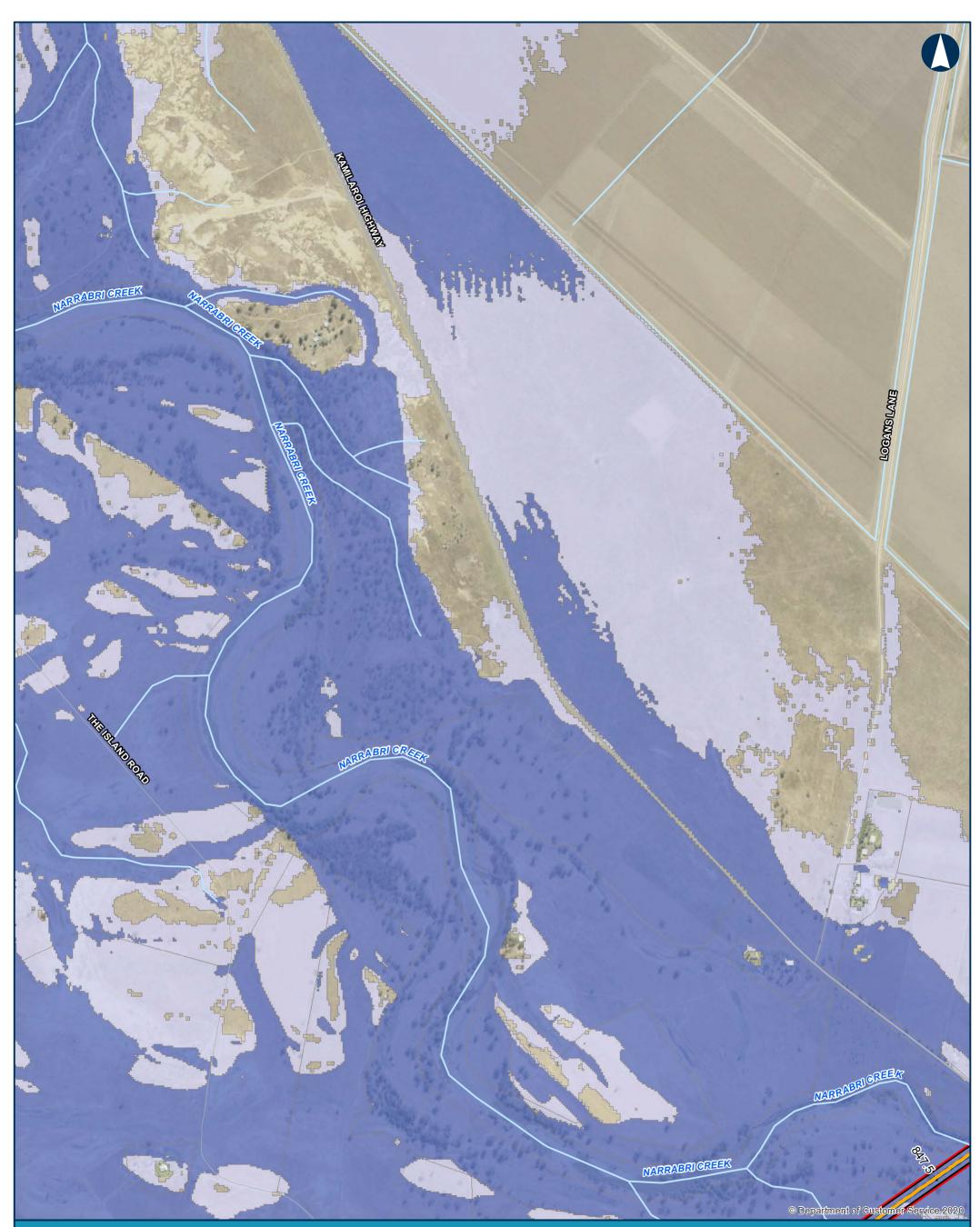
0	200	400	Primary i
	200	Metres	Sub arter
ARTC makes duty of care of	no representation or wan or other responsibility to a	ny party as to the	55 — Local roa Watercou Percentage Cha
completeness contained in t from material ARTC has no accuracy or s ARTC will no as a result of the informatic	0% - 109 10% - 20		
Author:	/08/2022 JacobsGHD urces: Basemap	Paper: A3 Scale: 1:10,000 layers: NSWSS; all	other layers: JacobsGHD

Primary road Sub arterial road Local road Watercourse Percentage Change in dv 0% - 10% 10% - 20%



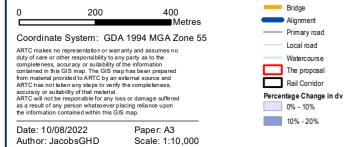


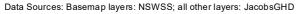
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



QDL departures - Hazard - 5% AEP - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.6.17





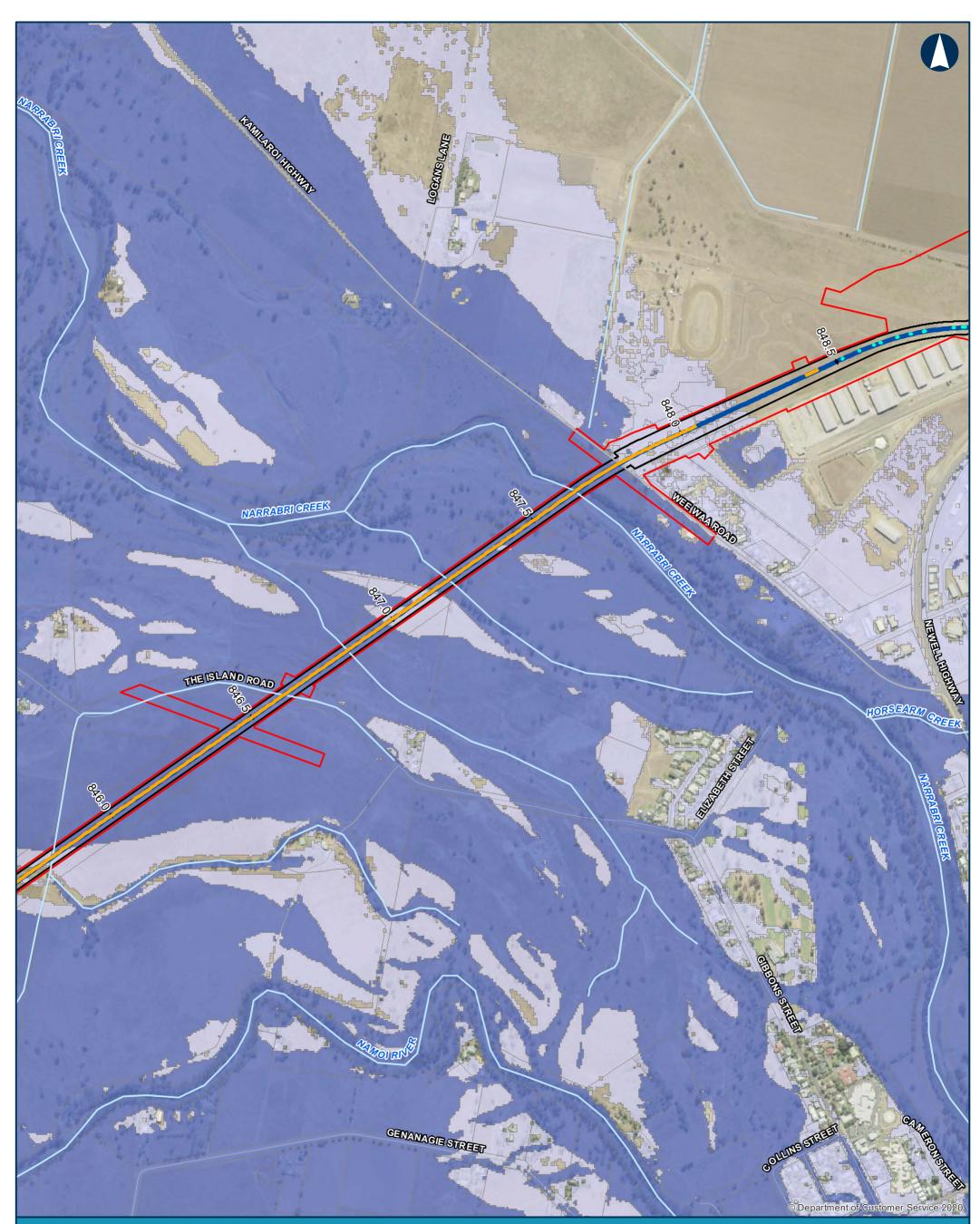




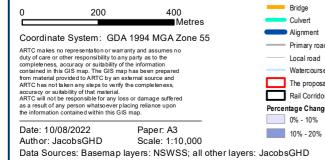
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

N:\AU\Newcastle\Projects\2219593\GIS\GIS_2500_N2N_v2Maps\Deliverables_SPIR\EIS\Flooding_Hydrology\Appendices\2500_EISFWPAPP132_QDL_Regional_Hazard_5pc_revA.mxd

Watercourse



Appendix B - Figure 3.6.18

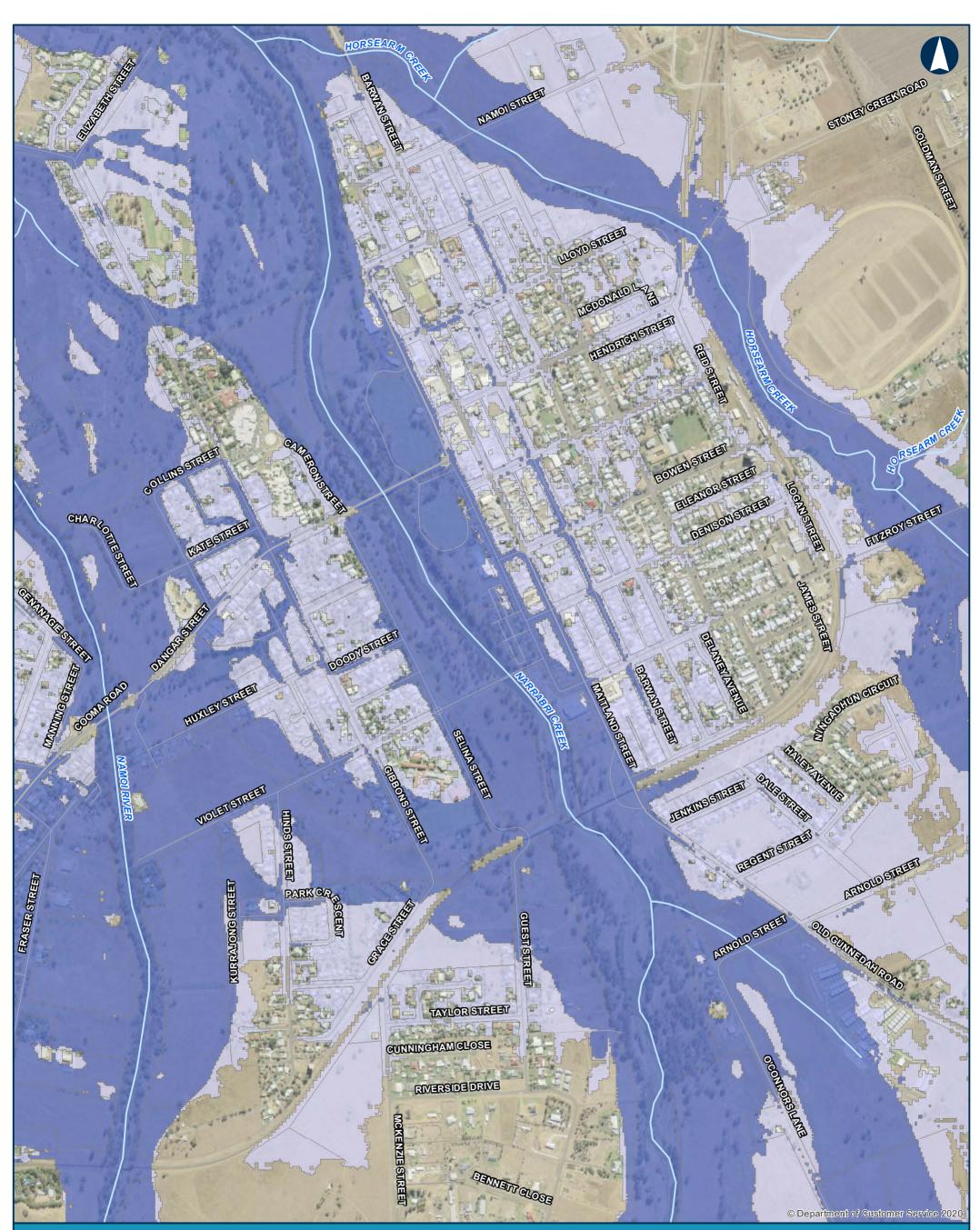




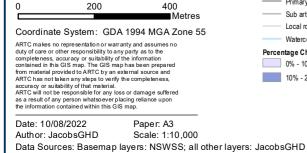




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.19

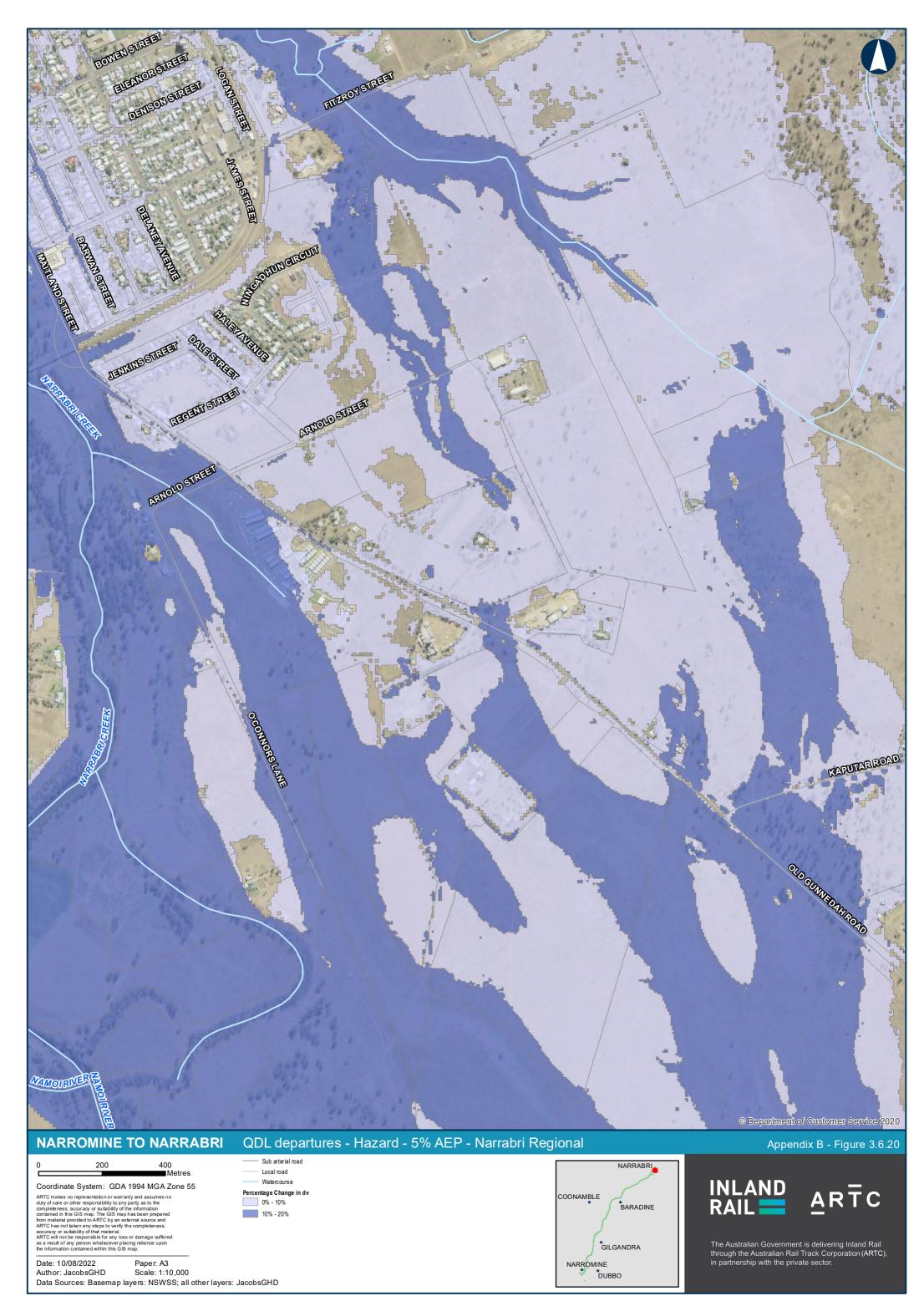


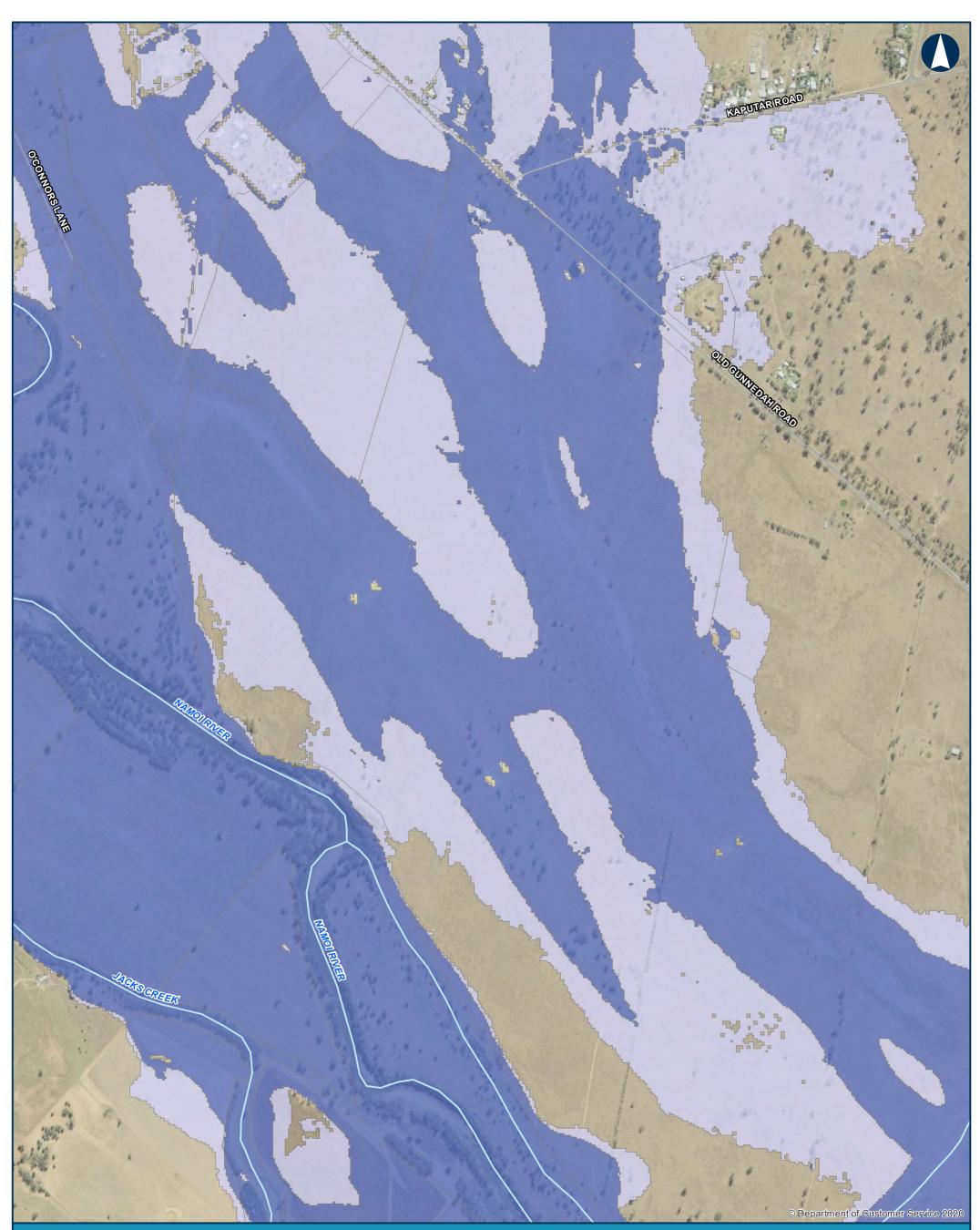
	Primary road
	Sub arterial road
	Local road
—	Watercourse
Percen	tage Change in dv
Percen	tage Change in d∨ 0% - 10%
Percen	



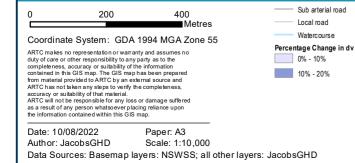


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



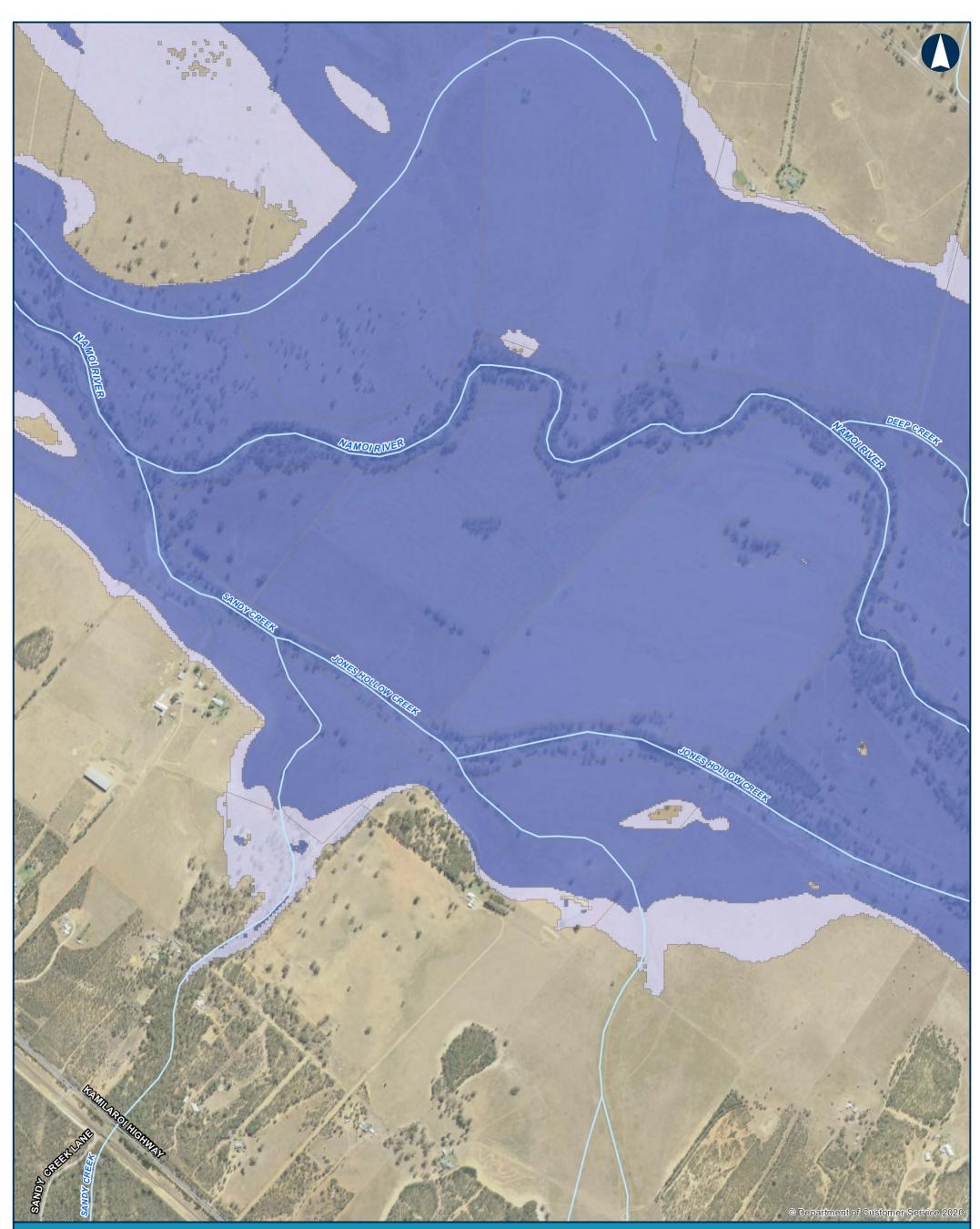


Appendix B - Figure 3.6.21

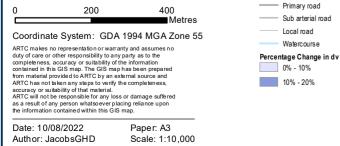




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.22



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

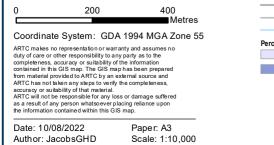


INLAND RAIL ARTC

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



Appendix B - Figure 3.6.23



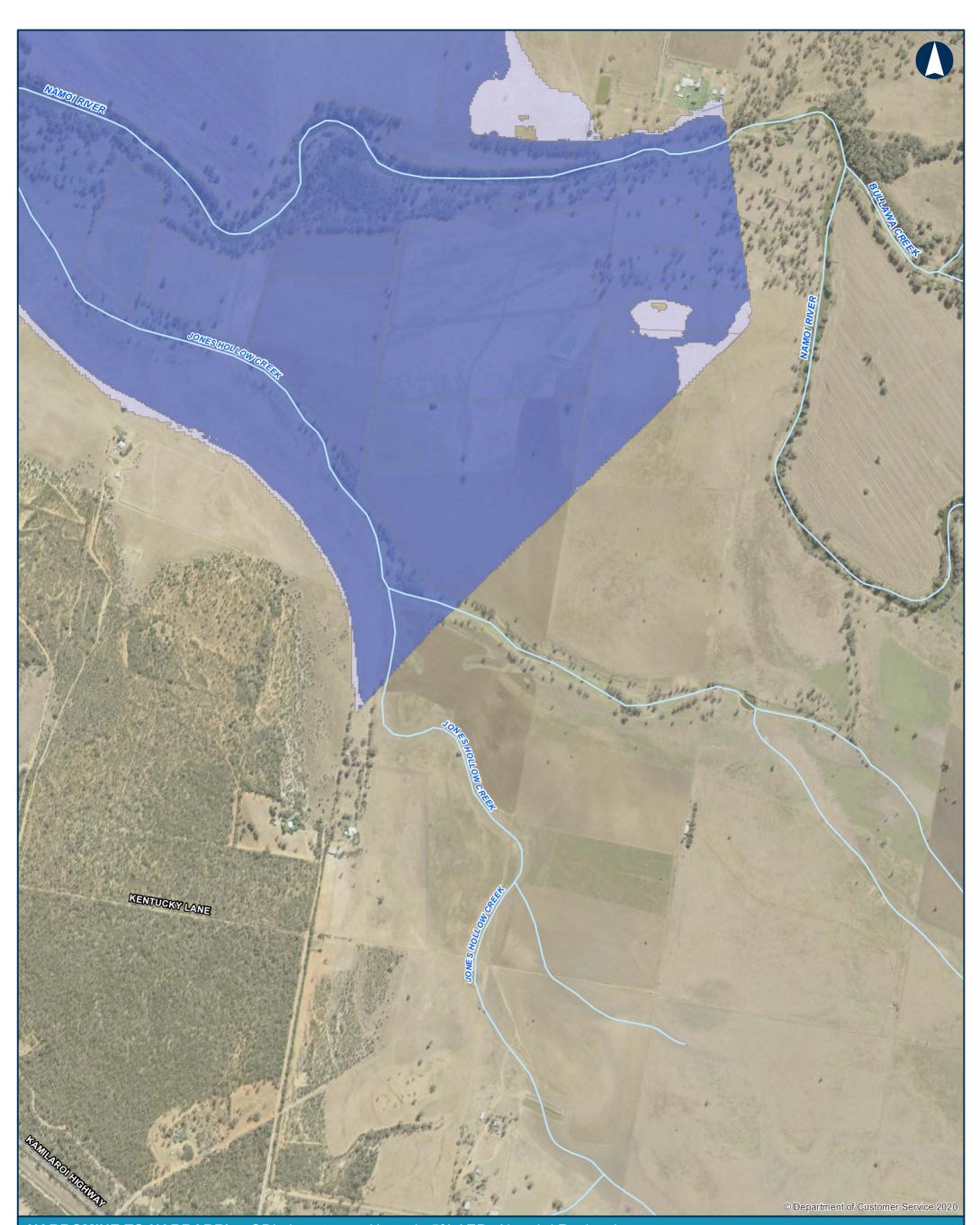
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD

	Primary road
	Sub arterial road
—	Watercourse
Percer	ntage Change in dv
	0% - 10%
	10% - 20%





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



Appendix B - Figure 3.6.24

0	200	400 Metr	es
Coordinate System: GDA 1994 MGA Zone 55			
duty of care o completeness contained in t from material ARTC has no accuracy or s ARTC will not as a result of	no representation or warran r other responsibility to any ; a courcay or usuliability of this his GIS map. The GIS map i provided to ARTC by an exit taken any steps to verify thi uitability of that material. be responsible for any loss any person whatsoever plac n contained within this GIS r	party as to the le information has been prepared ernal source and e completeness, or damage suffered ing reliance upon	
Date: 10	/08/2022	Paper: A3	

Author: JacobsGHD

	Primary road
	Sub arterial road
	Local road
	Watercourse
Perce	ntage Change in dv
	0% - 10%
	10% - 20%



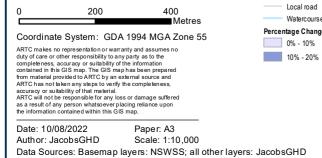


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

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



Appendix B - Figure 3.6.25

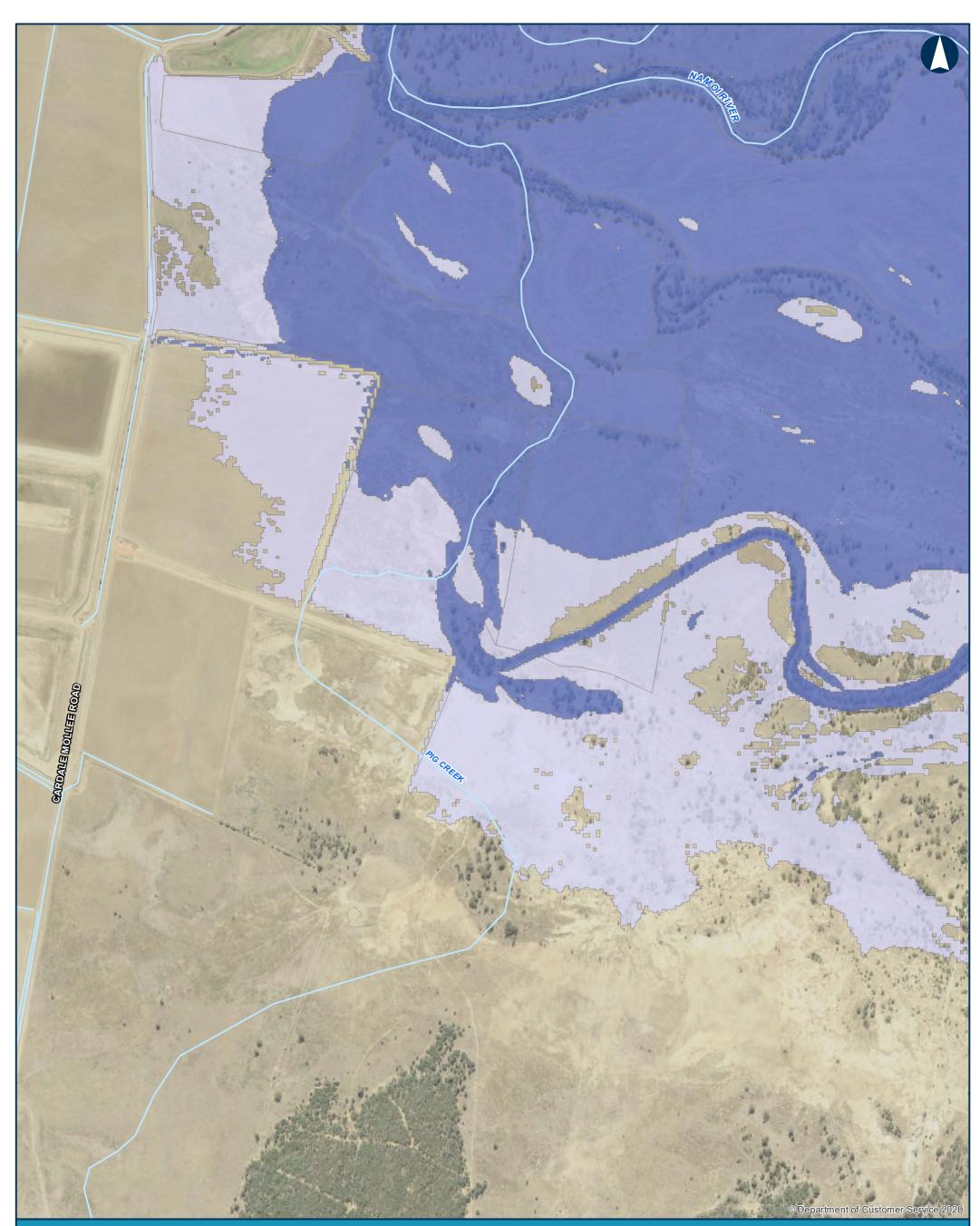




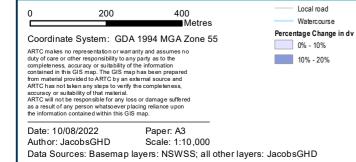




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.26



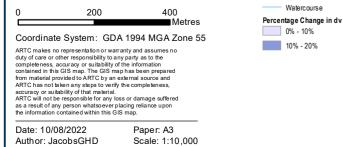




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.27



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



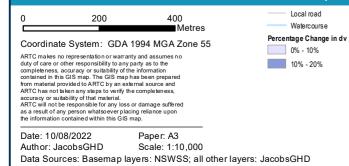


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

 $N: A U New castle Projects 12219593 (GIS) GIS_2500_N2N_v 2 (Maps) Deliverables_SPIR (EIS/Flooding_Hydrology (Appendices 12500_EISFWPAPP132_QDL_Regional_Hazard_5pc_revA.mxd) and the second s$



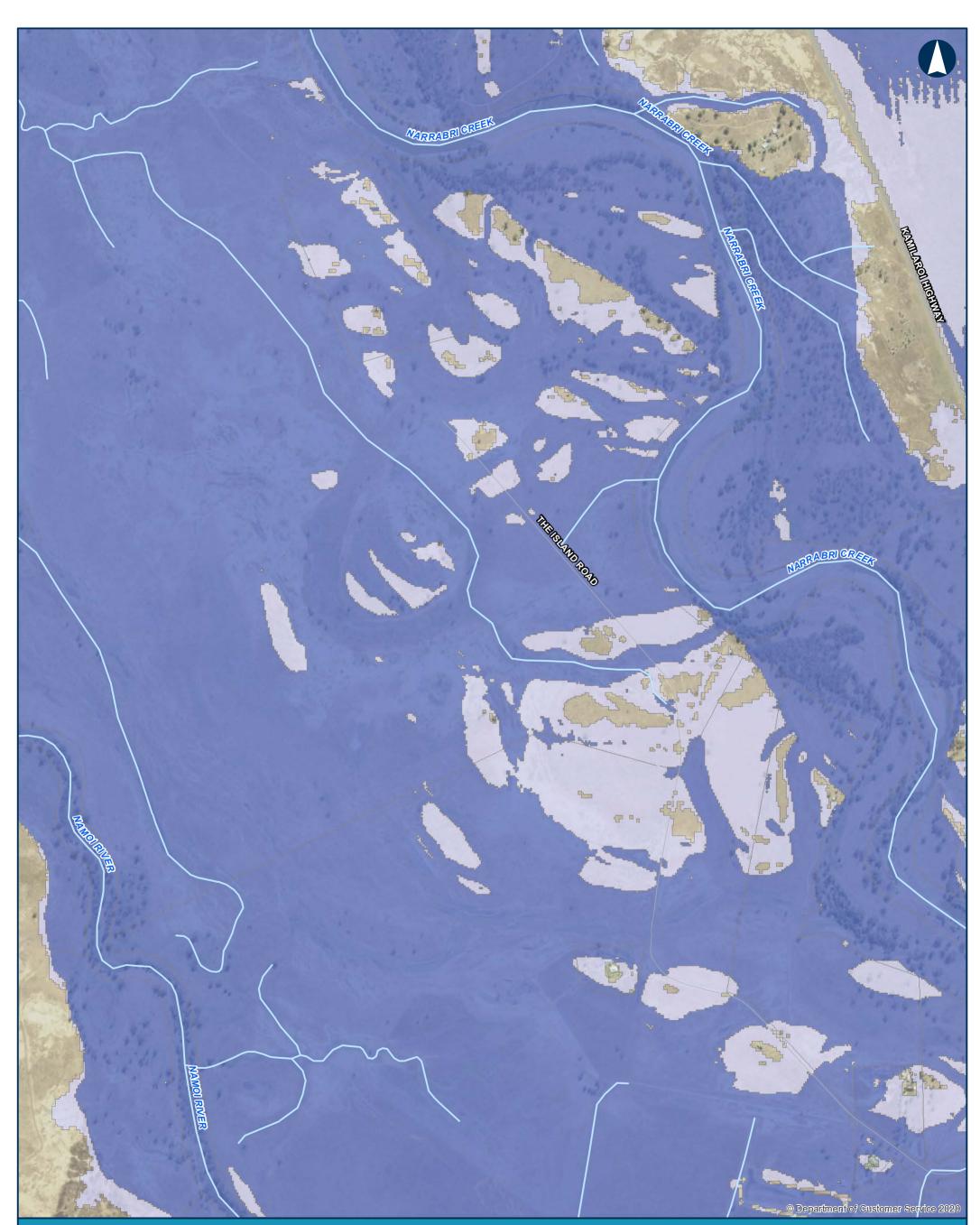
Appendix B - Figure 3.6.28







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



Appendix B - Figure 3.6.29

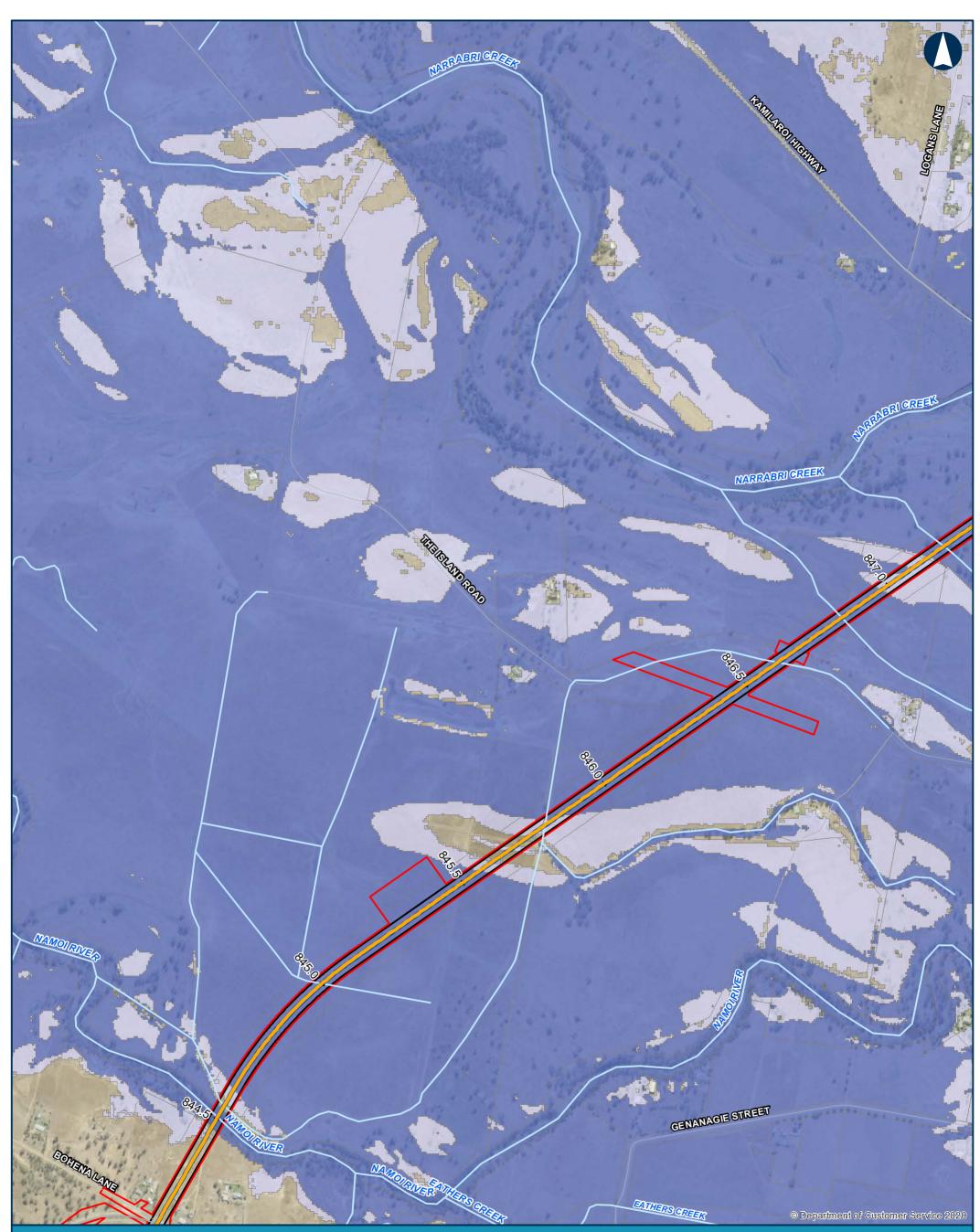
ARTC makes n duty of care or completeness, contained in thi from material pi ARTC has not tt accuracy or sui ARTC will not b as a result of ar	200 e System: GD/ o representation or war other responsibility to a s GIS map. The GIS ma aken any steps to verify ability of that material. e responsible for any to person what sever p contained within this GI	ny party as to the the information p has been prepared external source and the completeness, ss or damage suffered lacing reliance upon	Primary road Local road Watercourse Percentage Change in dv 0% - 10% 10% - 20%
Date: 10/0)8/2022	Paper: A3	
Author: Ja	acobsGHD	Scale: 1:10,000	

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



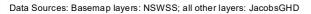


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.30

0	200	400 Metres	Bridge Alignment
Coordinate Syste ARTC makes no represend duty of care or other resp completeness, accuracy or contained in this GIS map from material provided to ARTC has not taken any i accuracy or suitability of ARTC has not be respons as a result of any person the information contained	ntation or warranty onsibility to any pa or suitability of the b. The GIS map ha ARTC by an exter steps to verify the hat material. bible for any loss o whatsoever placir	arty as to the information as been prepared rnal source and completeness, r damage suffered g reliance upon	Primary road Sub arterial road Local road Watercourse The proposal Rail Corridor Percentage Change in dr
Date: 10/08/2022 Author: JacobsG		Paper: A3 Scale: 1:10,000	0% - 10%

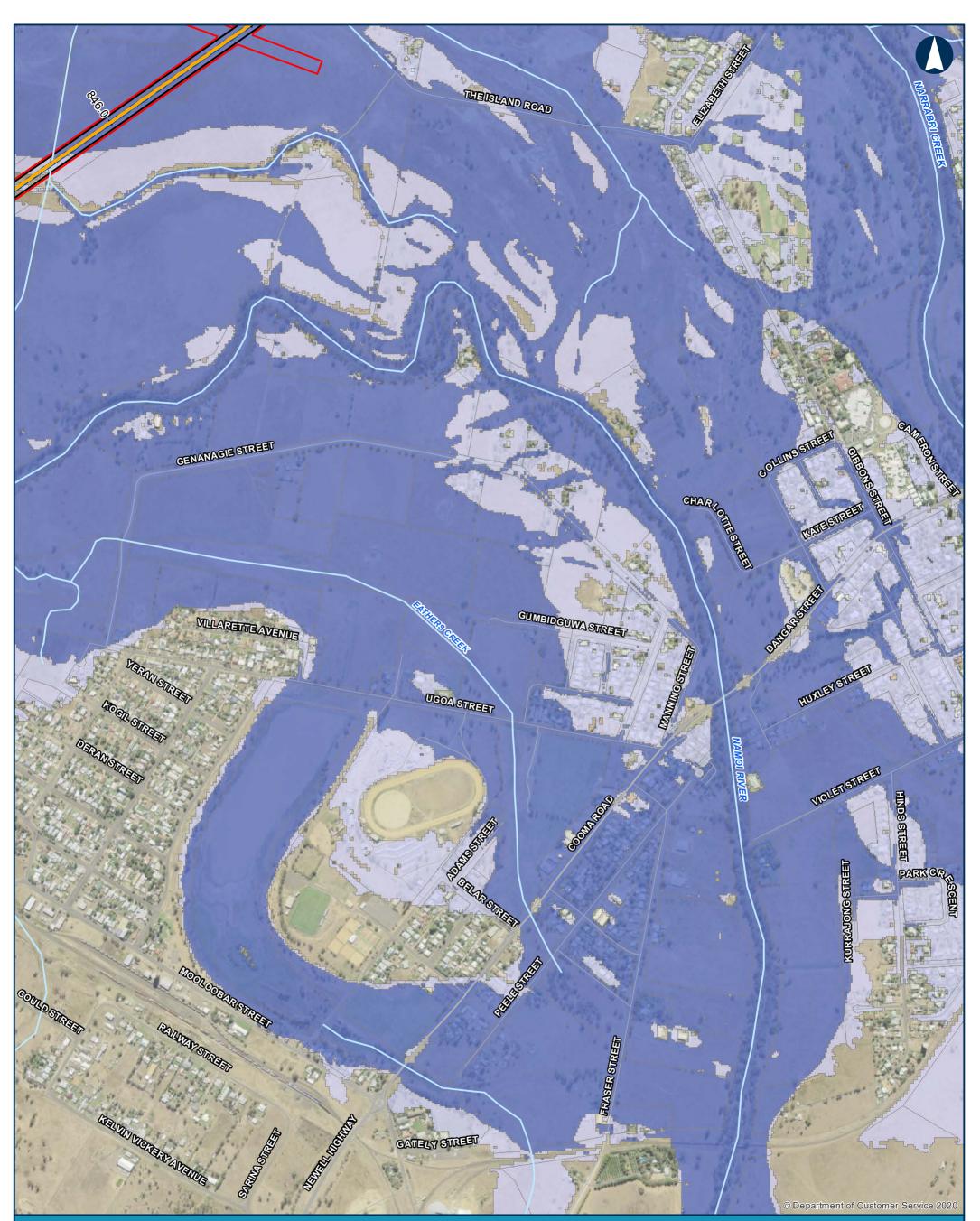






The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

 $N: A U New castle Projects 12219593 (GIS) GIS_2500_N2N_v 2 (Maps) Deliverables_SPIR (EIS/Flooding_Hydrology (Appendices 12500_EISFWPAPP132_QDL_Regional_Hazard_5pc_revA.mxd) and the second s$



QDL departures - Hazard - 5% AEP - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.6.31

0	200	400	Bridge	
Ľ	200	Metres	Alignment	
Coordina	te System: GDA	1994 MGA Zone 55	Primary roa	ad
	no representation or warran		Sub arteria	il r
duty of care or	other responsibility to any accuracy or suitability of th	party as to the	Local road	
contained in th	is GIS map. The GIS map I	ap has be en prepared	Watercours	se
ARTC has not	I provided to ARTC by an external source ot taken any steps to verify the complete suitability of that material. of be responsible for any loss or damage		The propos	sa
ARTC will not			Rail Corrid	or
	ny person whatsoever plac contained within this GIS		Percentage Chan	ge
			0% - 10%	
Date: 10/		Paper: A3	10% - 20%	5
Author: Ja	acobsGHD	Scale: 1:10,000		

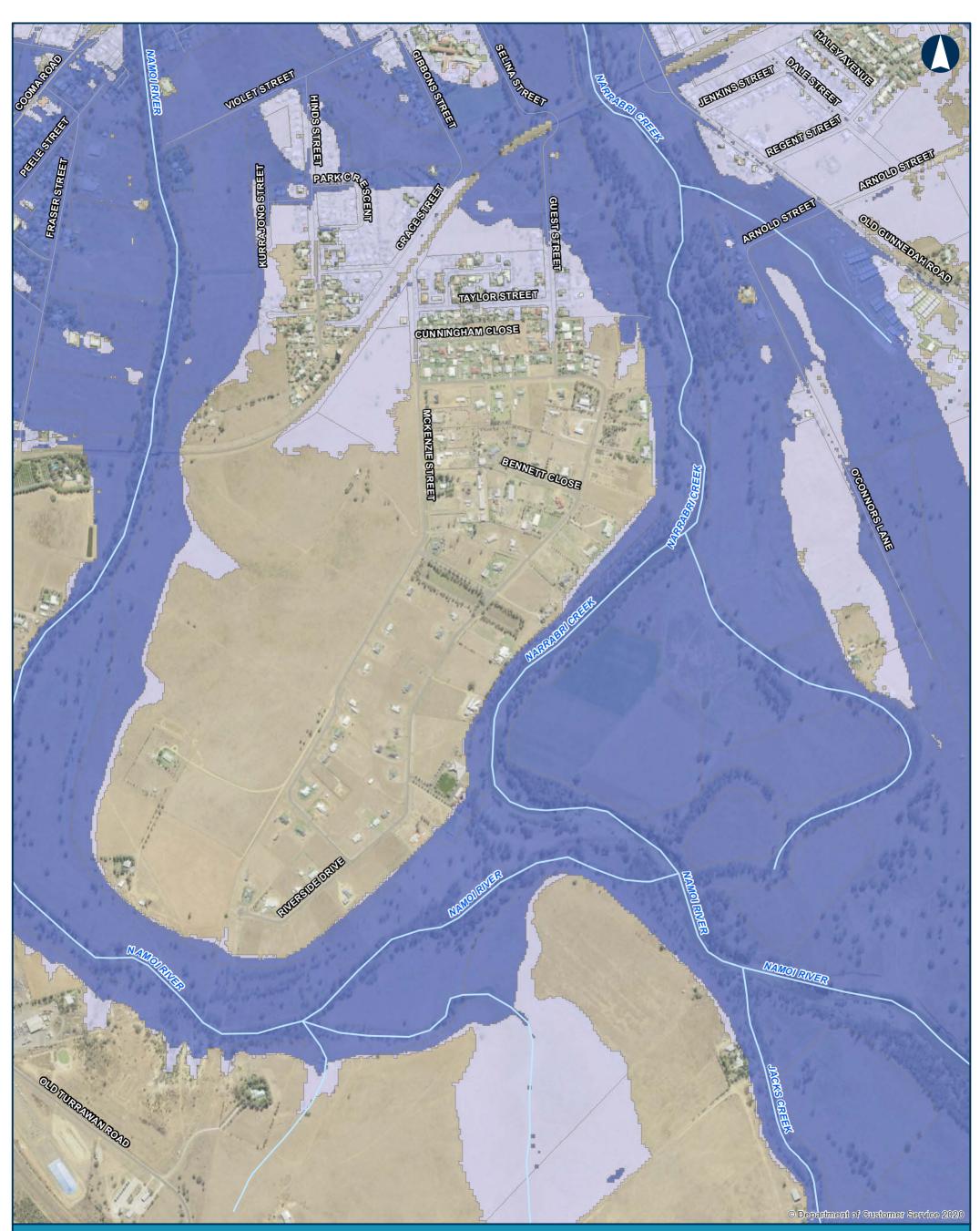
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD







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



Appendix B - Figure 3.6.32

0	200	400
		Metres
Coordinate Syst	em: GD/	A 1994 MGA Zone 55
ARTC makes no represe duty of care or other rest completeness, accuracy contained in this GIS ma from material provided to ARTC has not taken any accuracy or suitability of ARTC will not be respon as a result of any person the information containe	oonsibility to an or suitability of p. The GIS ma o ARTC by an e steps to verify that material. sible for any lo	ny party as to the f the information p has been prepared external source and r the completeness, ss or damage suffered lacing reliance upon
Date: 10/08/202	2	Paper: A3
Author: Jacobs	SHD	Scale: 1:10.000

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

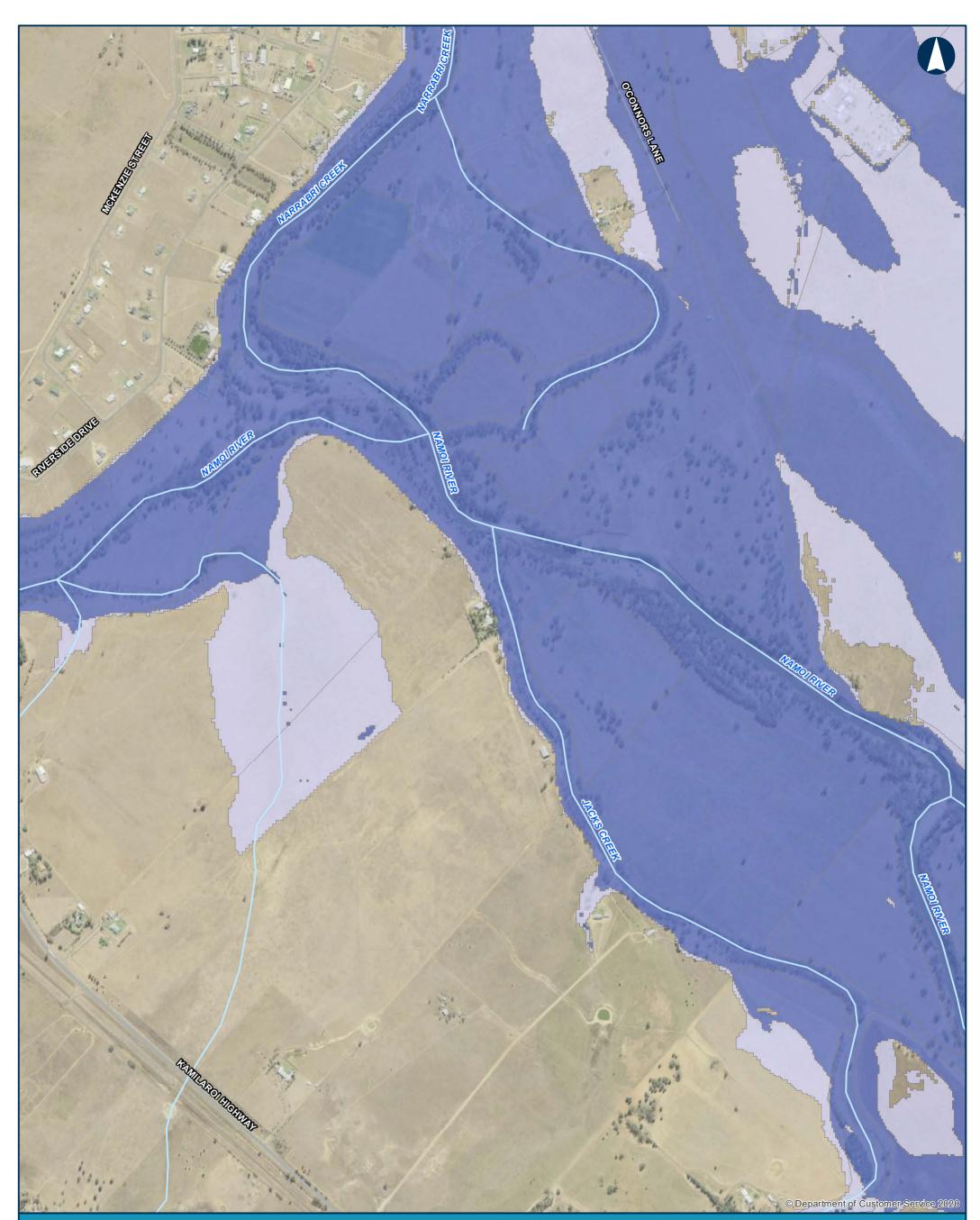
	Sub arterial road			
	Local road			
—	Watercourse			
Percentage Change in dv				
Percei	ntage Change in dv			
Percei	ntage Change in dv 0% - 10%			

Primary road





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



Appendix B - Figure 3.6.33

O Coordinate Syst ARTC makes no represe duty of care or other resp completeness, accuracy contained in this GIS ma from material provided to ARTC has not taken any accuracy or suitability of ARTC will not be respon as a result of any person the information containe	ntation or warranty oonsibility to any pa or suitability of the p. The GIS map ha ARTC by an exter steps to verify the that material. sible for any loss or whatsoever placin	nty as to the information is been prepared nal source and completeness, - damage suffered g reliance upon		Percentage	nary al roa terco e Cha - 10% 6 - 20
Date: 10/08/202 Author: Jacobs(Data Sources: E	GHD	Paper: A3 Scale: 1:10,000 ers: NSWSS; all	other layers:	JacobsGF	ID

Primary road Local road Watercourse Percentage Change in dv 0% - 10% 10% - 20%

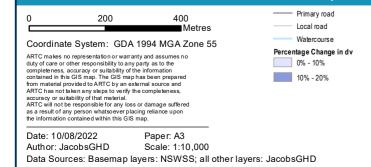


INLAND ARTC

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



Appendix B - Figure 3.6.34



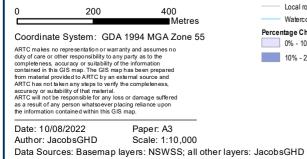




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.35





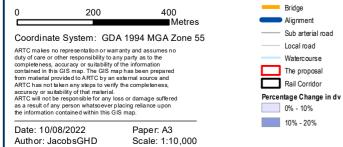




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.36

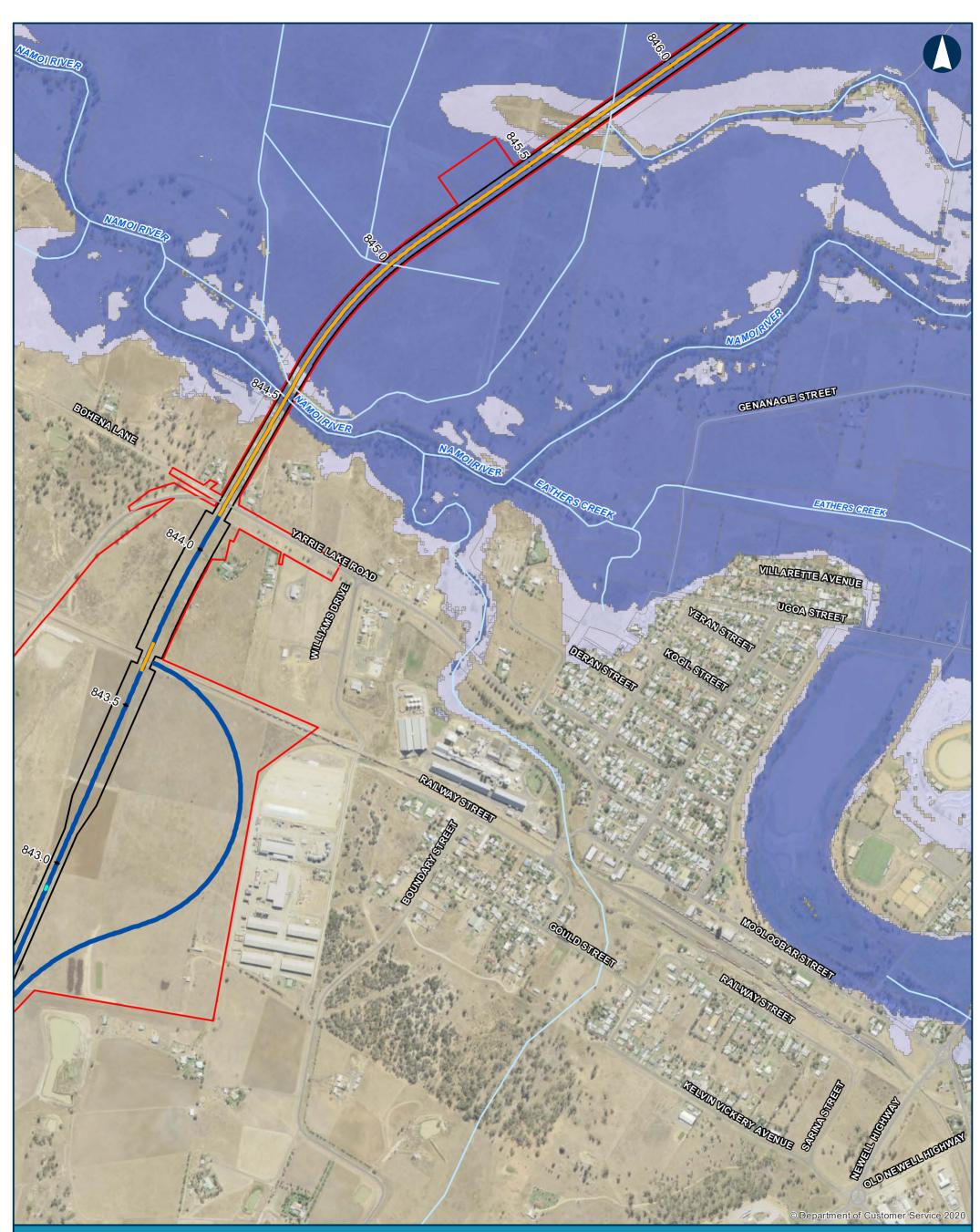


Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



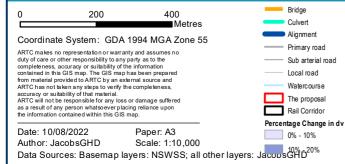


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



QDL departures - Hazard - 5% AEP - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.6.37







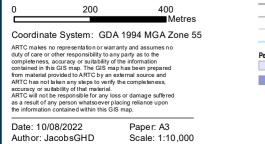




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.6.38



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

	Local road
	Watercourse
erce	ntage Change in dv
	0% - 10%
	10% - 20%

Primary road

Sub arterial road





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



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Appendix B - Figure 3.6.39

0	200	400 Metres			ary road I road
ARTC makes no duty of care or of completeness, a contained in this from material pro- ARTC has not ta accuracy or suita ARTC will not be as a result of amy	e System: GDA representation or warr an her responsibility to any couracy or suitability of ti GIS map. The GIS map wided to ARTC by an exi ken any steps to verify th bility of that material. responsible for any loss operson whatsoever place ontained within this GIS	party as to the he information has been prepared ternal source and he completeness, or damage suffered sing reliance upon	5	Percentage 0	•
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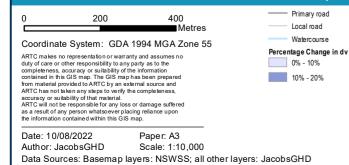




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



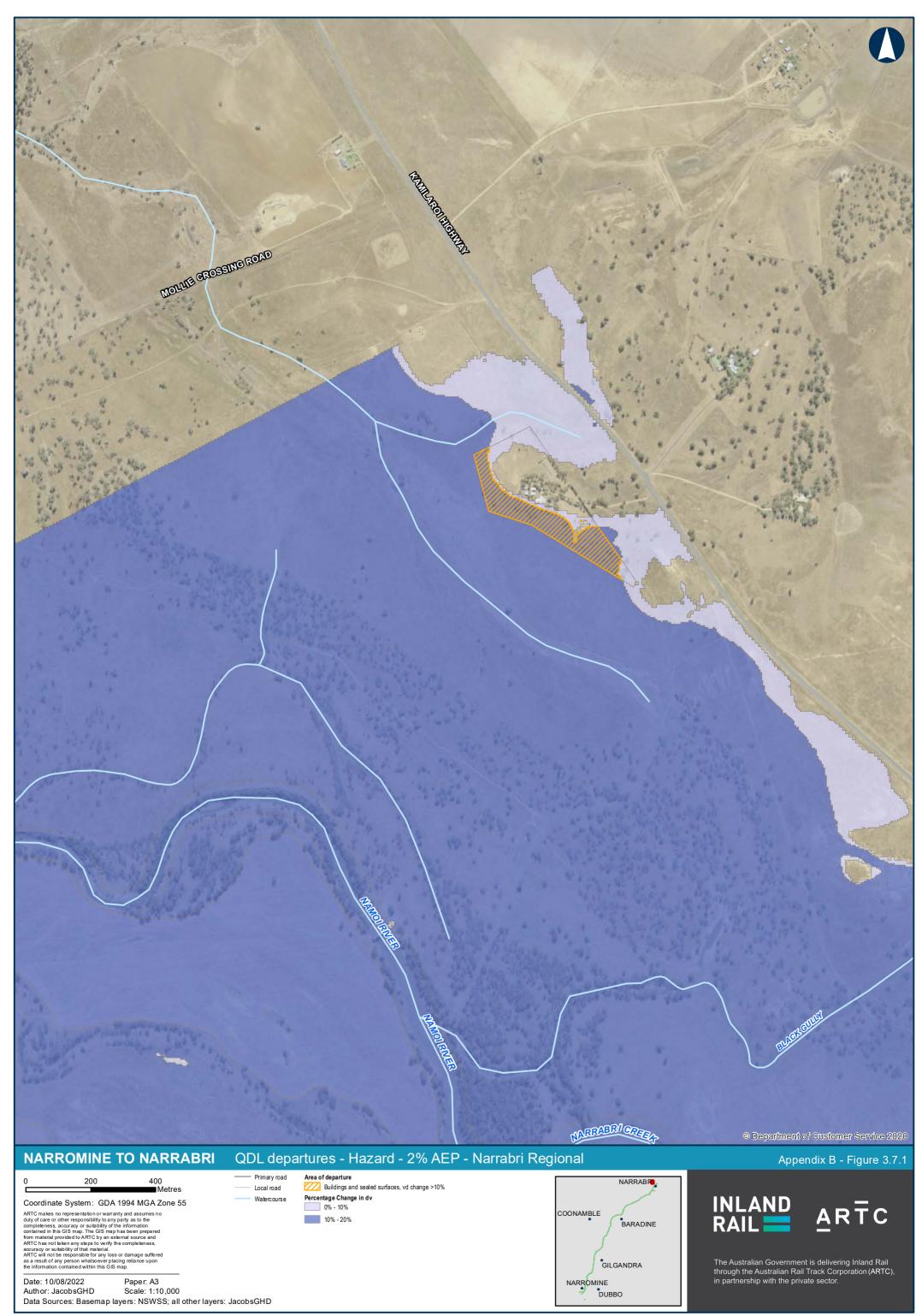
Appendix B - Figure 3.6.40







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

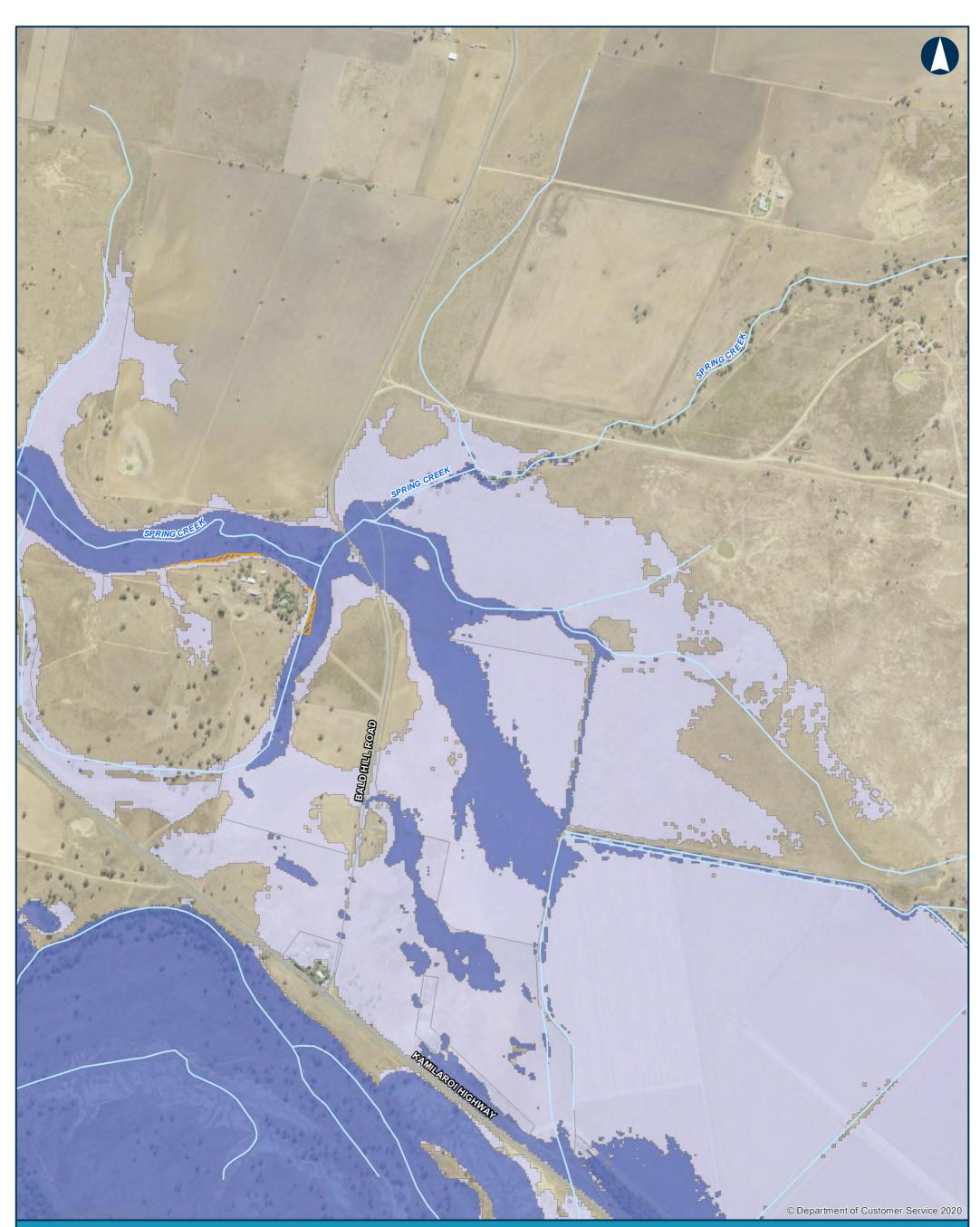




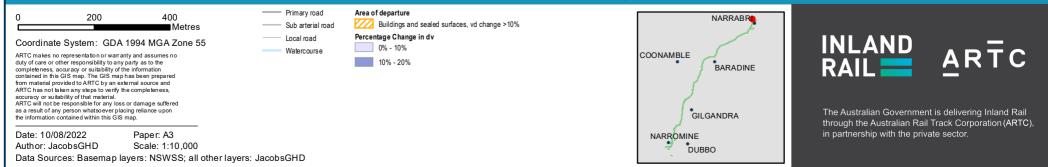


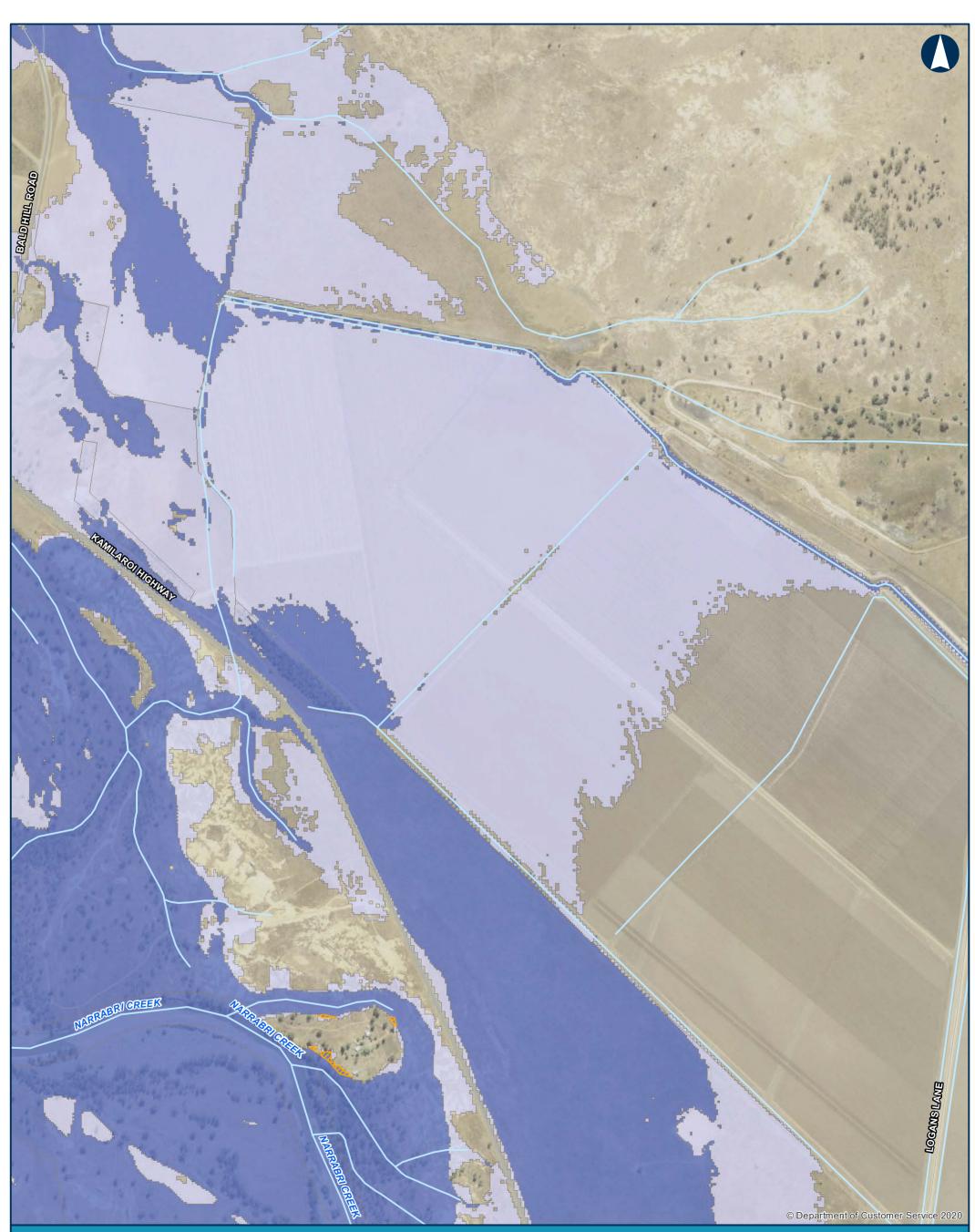
Appendix B - Figure 3.7.2

0 200 400 Metres 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 complemenss, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provide 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 the source placing reliance upon the information contained within this GIS map.	Primary road Sub arterial road Watercourse	Area of departure	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers	s: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.

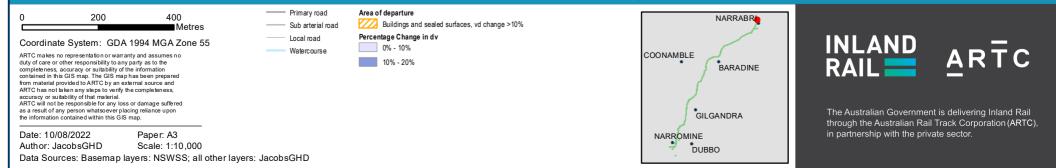


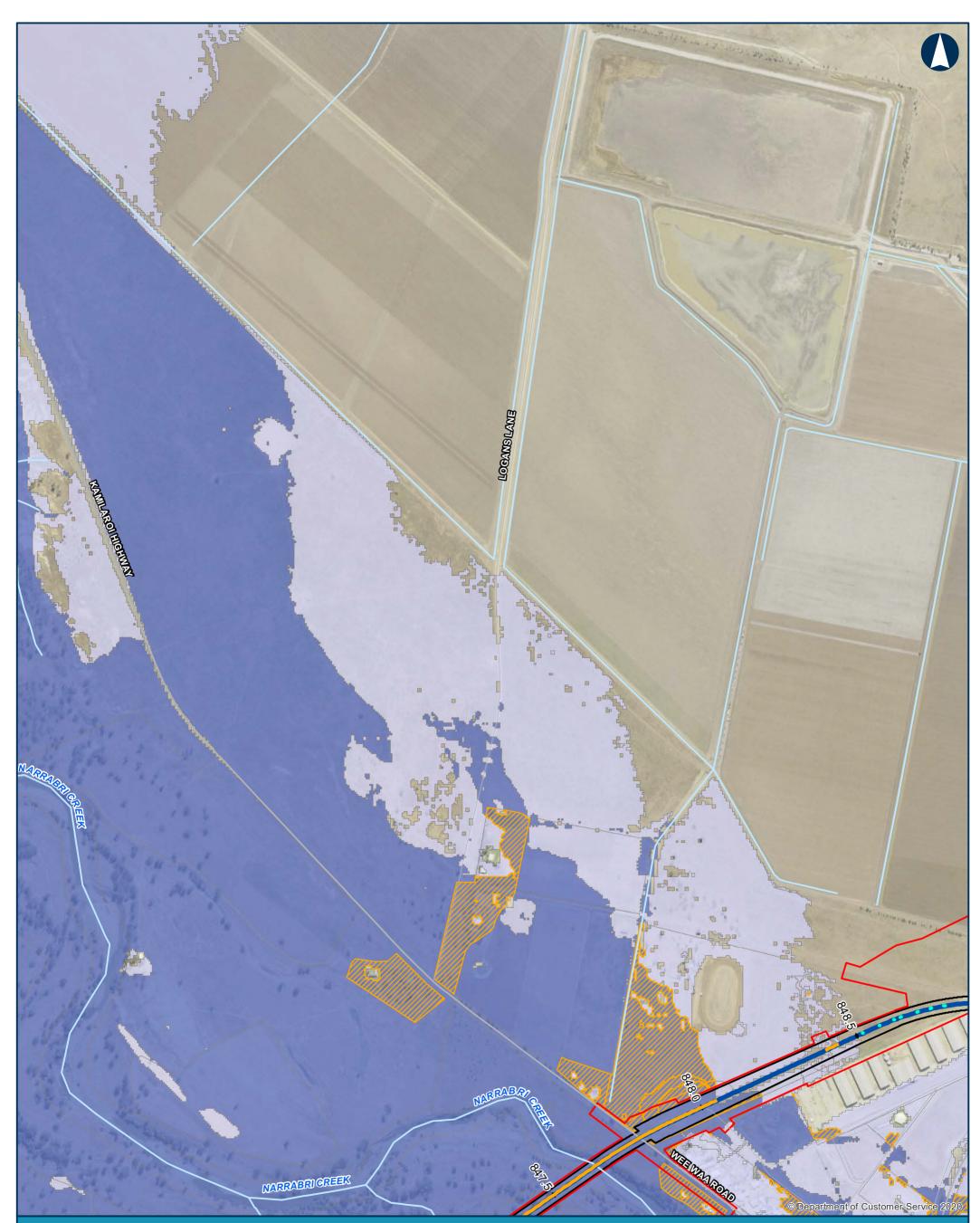
Appendix B - Figure 3.7.3





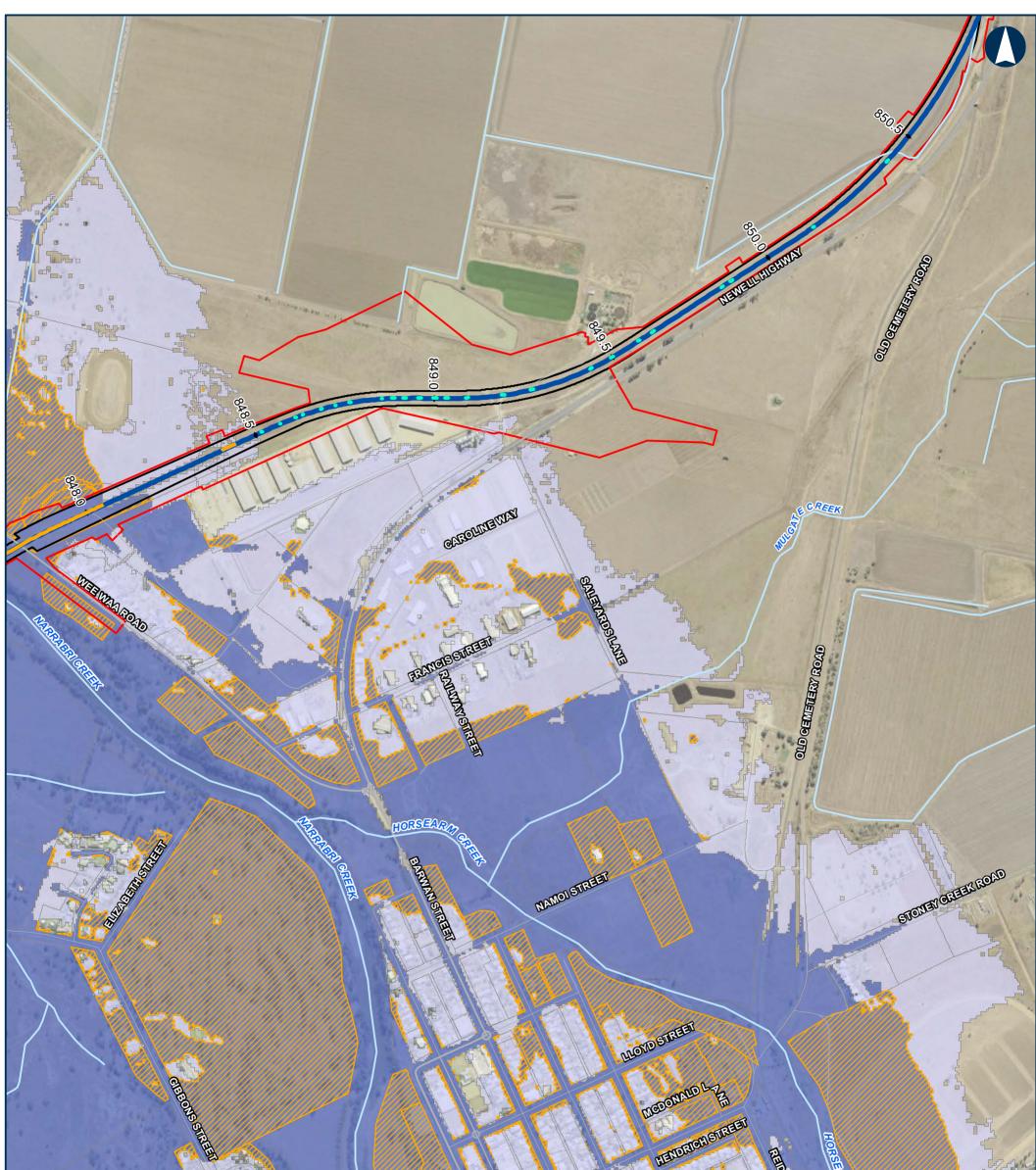
Appendix B - Figure 3.7.4





Appendix B - Figure 3.7.5

0 200 400 Metres 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.	Bridge Culvert Alignment Primary road Local road Watercourse The proposal Rail Corridor	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers	s: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



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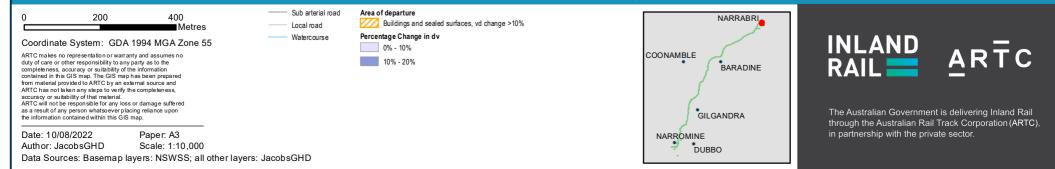
NARROMINE TO NARRABRI QDL departures - Hazard - 2% AEP - Narrabri Regional

Appendix B - Figure 3.7.6

ARTC has no taken any steps to write the completeness, accuracy or suitability of that material. ARTC will not be responsible for any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map thas been prepared from material provided to ARTC by an external source and ARTC has not baken any steps to write 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: 10/08/2022 Paper: A3	Bridge Culvert Aignment Primary road Sub arterial road Local road Watercourse The proposal Rail Corridor	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA NARROMINE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.
Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: Jac	cobsGHD		DUBBO	



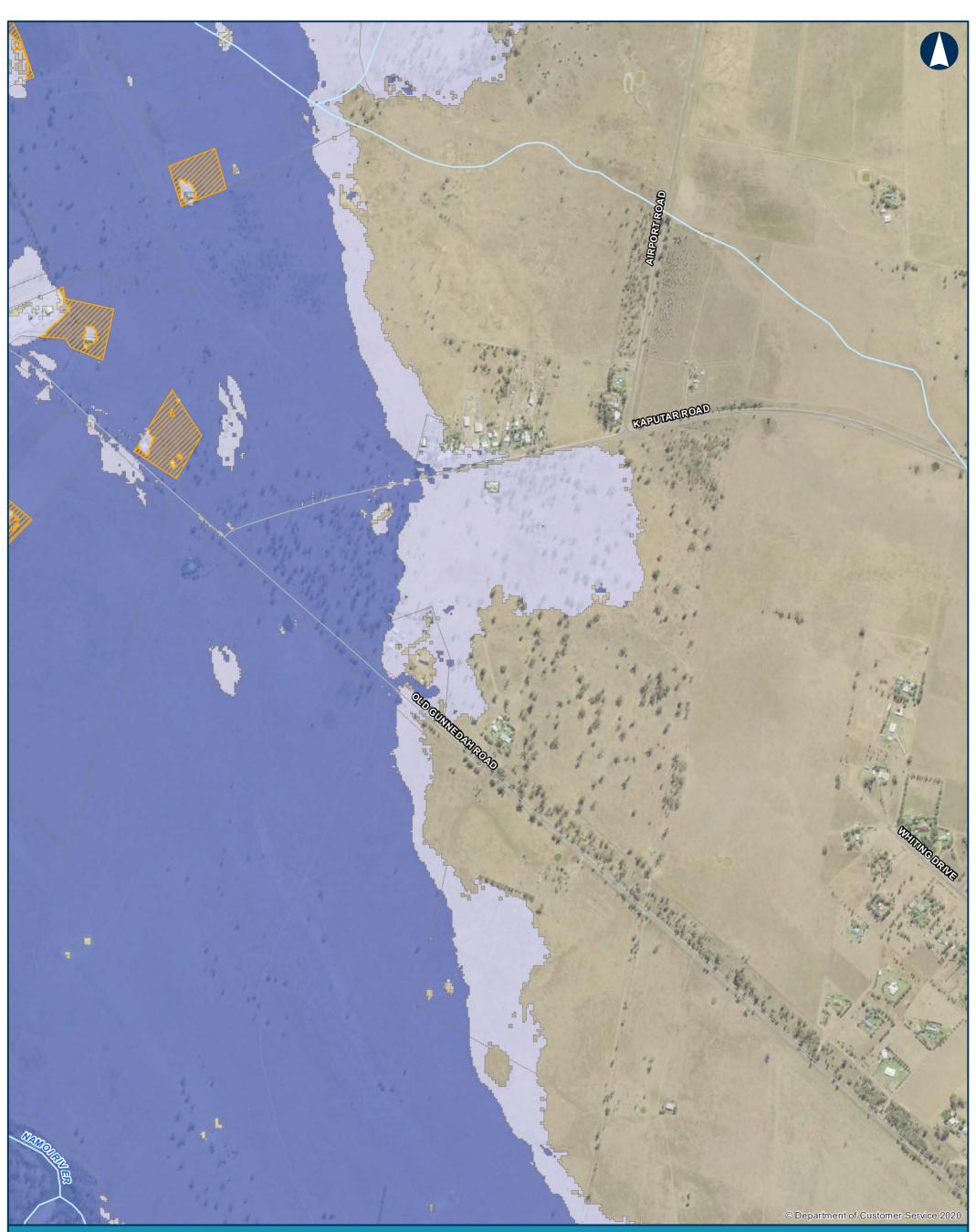
Appendix B - Figure 3.7.7





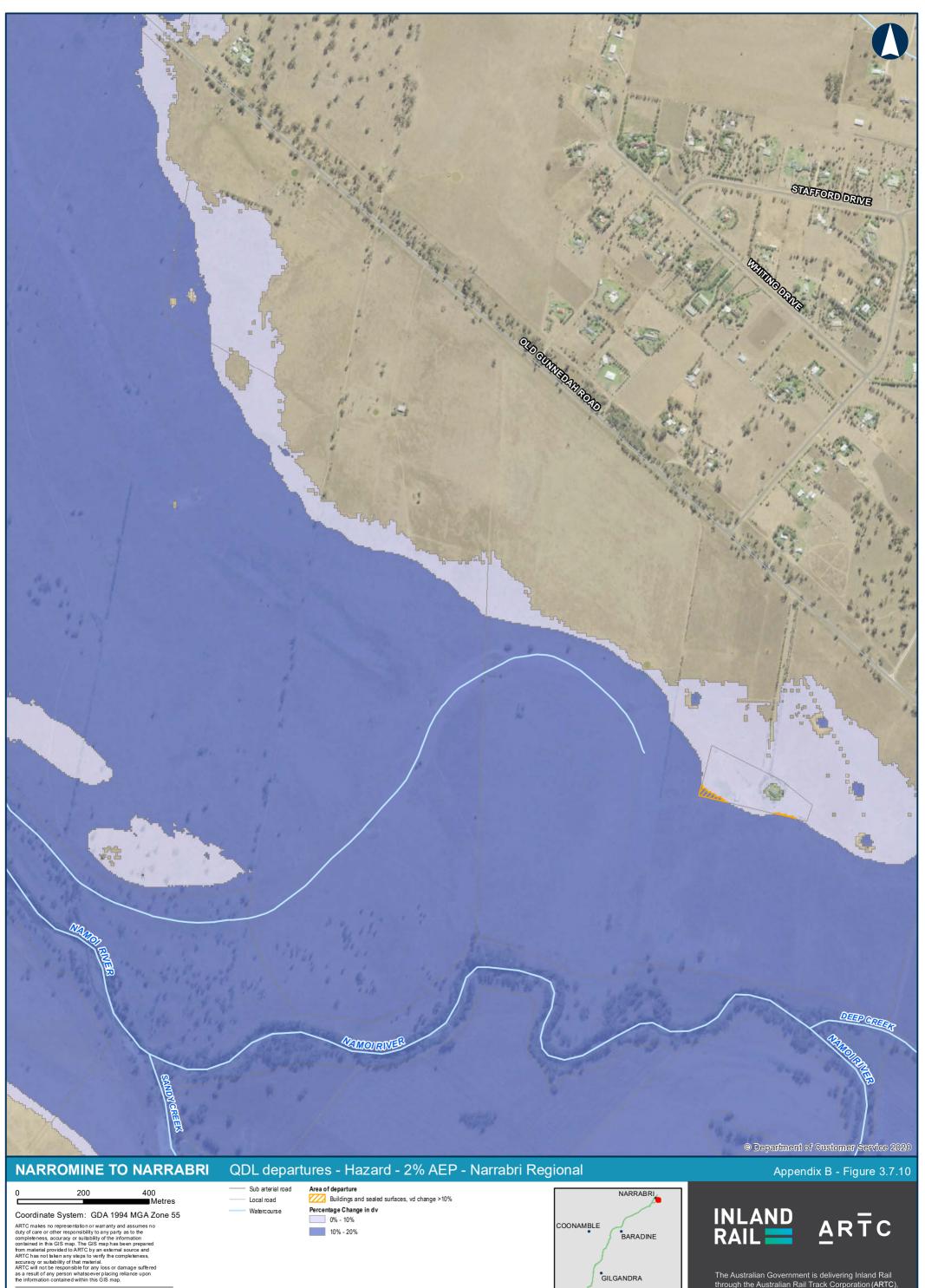
Appendix B - Figure 3.7.8

0 200 400 Metres 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 sleps 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 relance upon the information contained within this GIS map.	Sub arterial road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other la	avers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.7.9

0 200 400 Metres 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 ontained 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. ART exil of any person whatsoever placing reliance upon the information contained within this GIS map.	Sub arterial road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers:	JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



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

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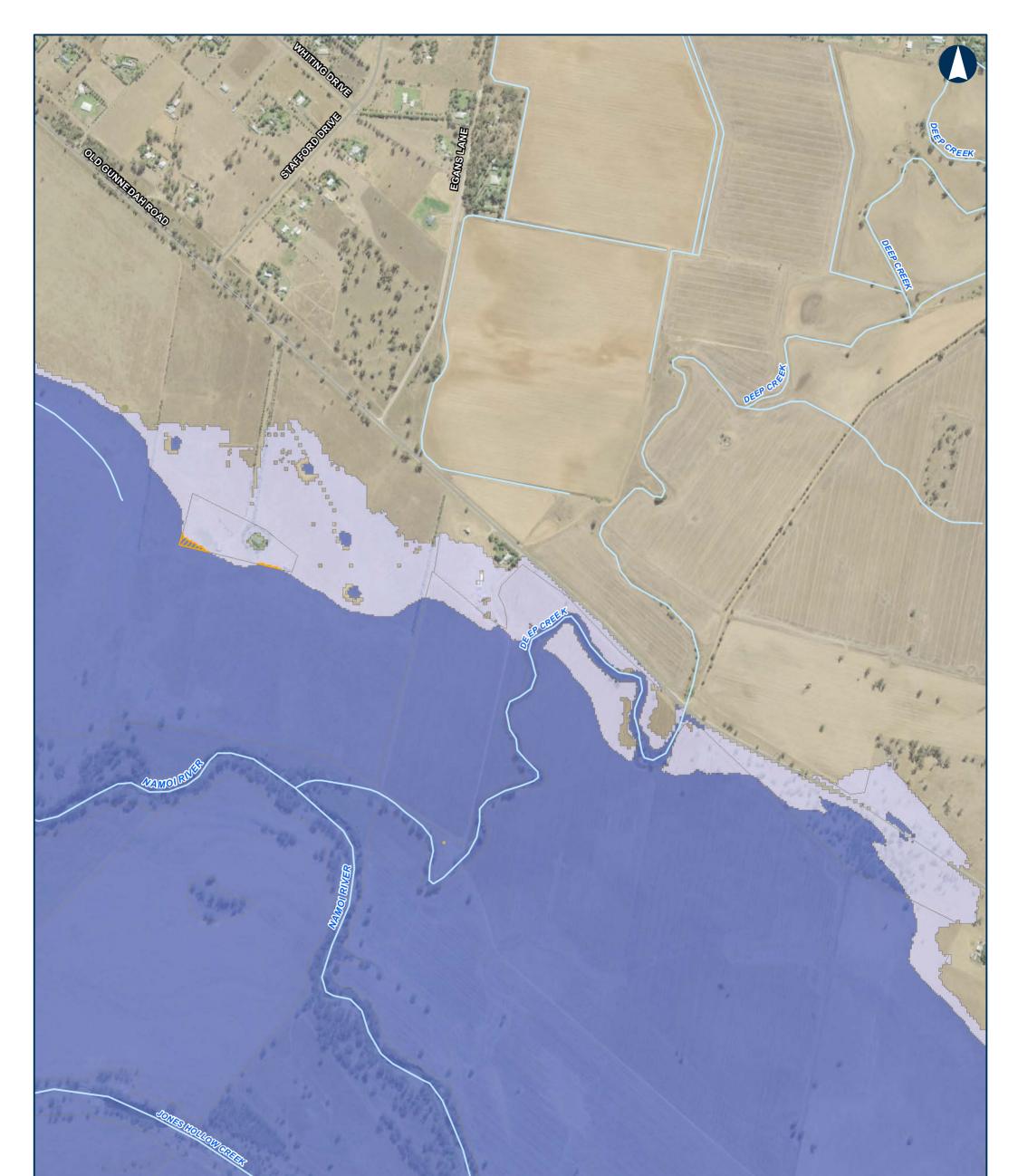
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Date: 10/08/2022

Author: JacobsGHD

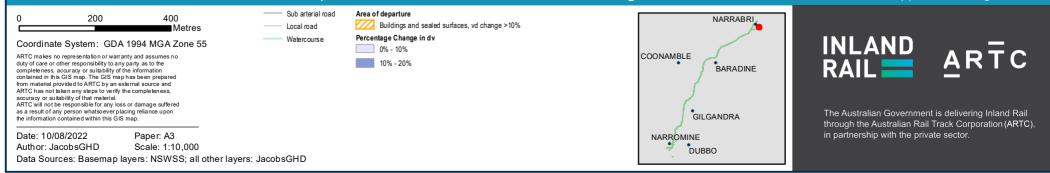
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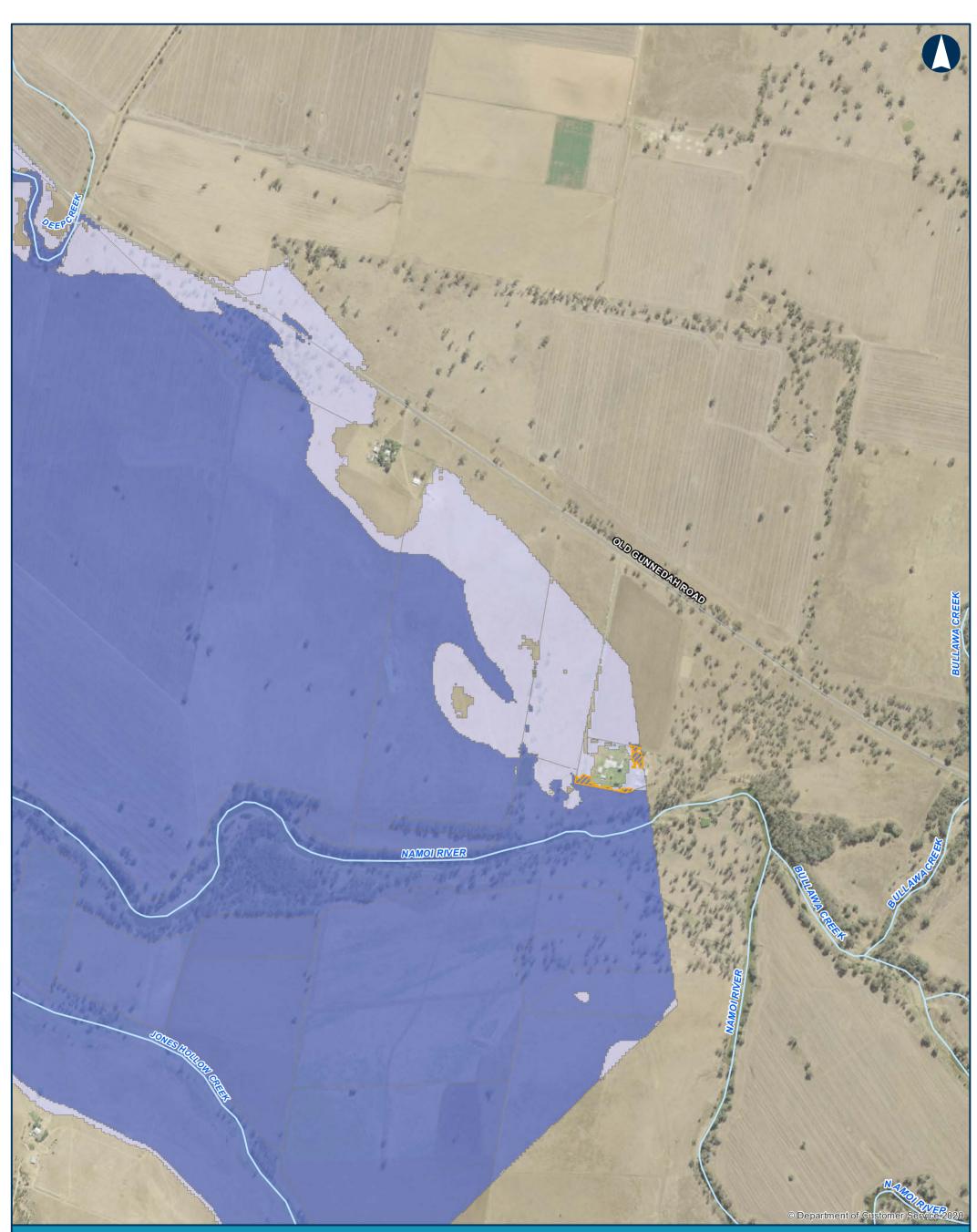
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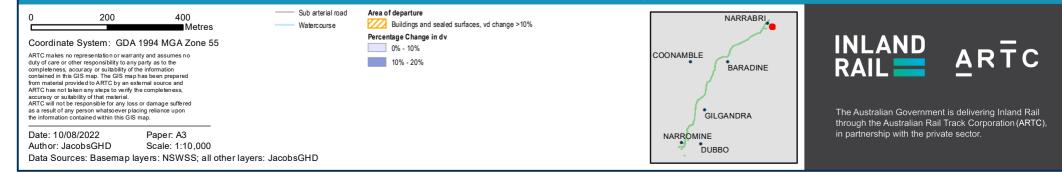


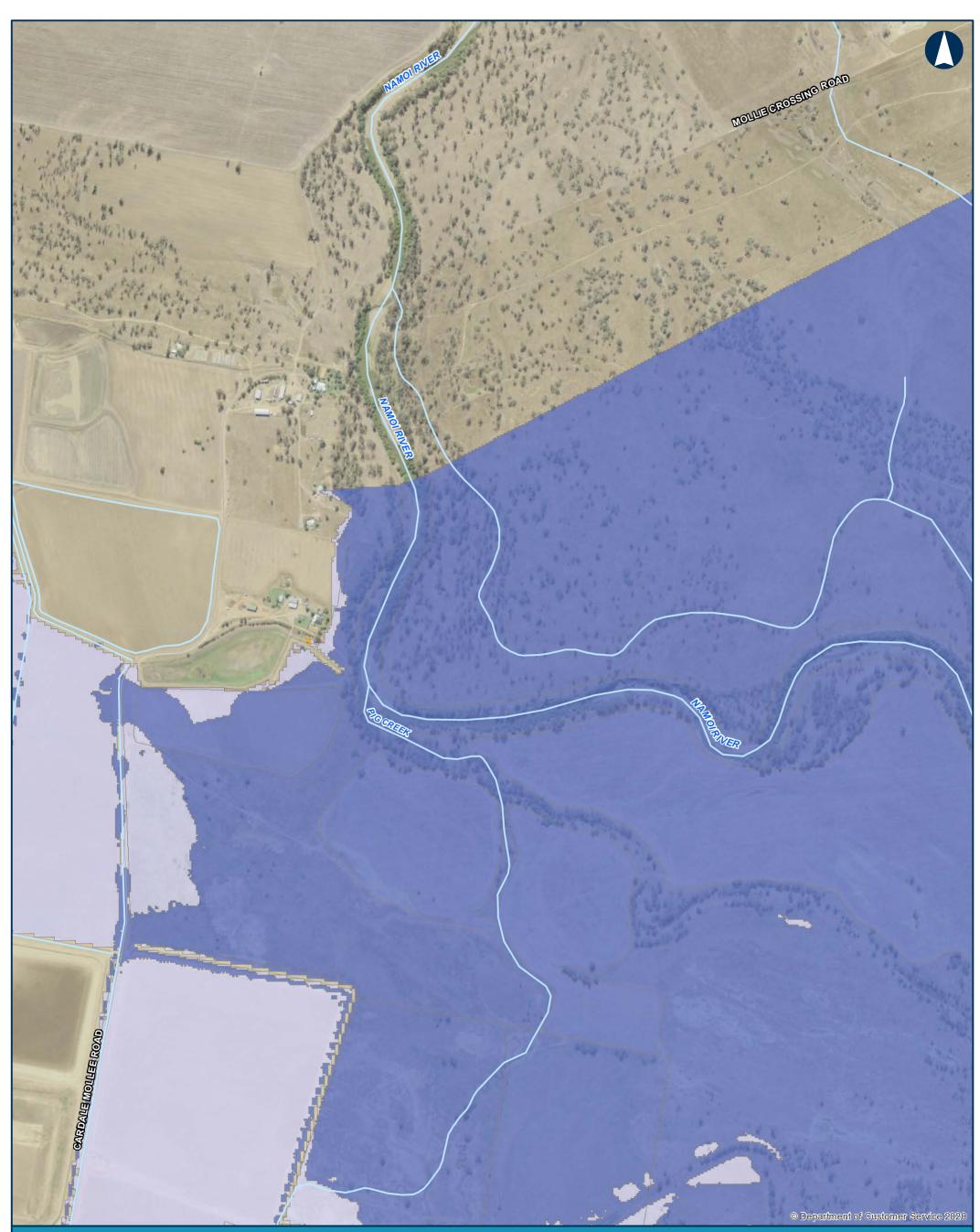
Appendix B - Figure 3.7.11





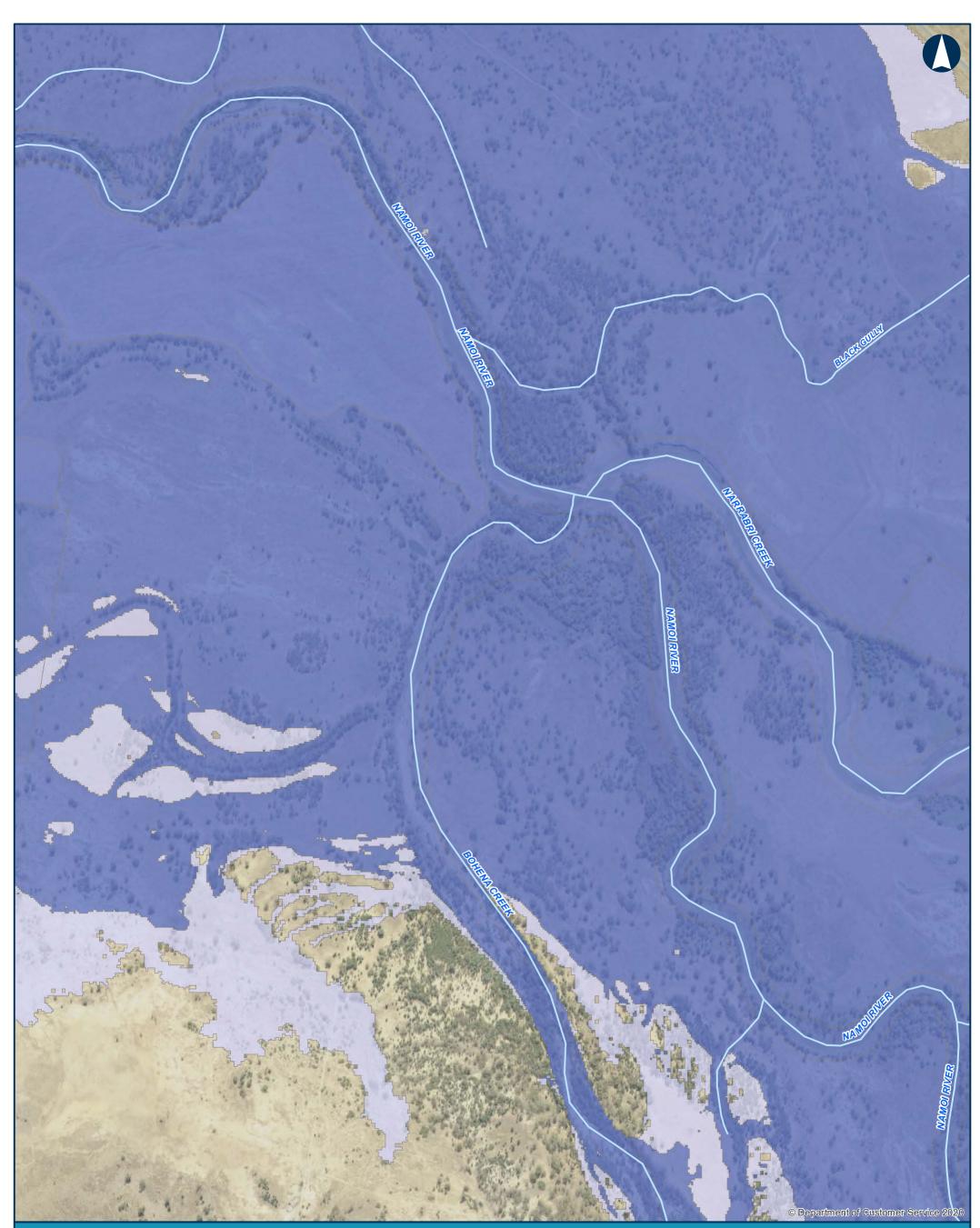
Appendix B - Figure 3.7.12



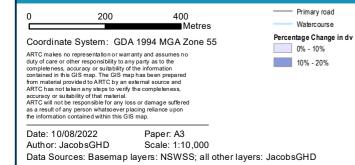


Appendix B - Figure 3.7.13

Local road Area of departure 0 NARRAB 200 400 Buildings and sealed surfaces, vd change >10% Watercourse Metres Percentage Change in dv ARTC 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. 0% - 10% COONAMBLE 10% - 20% BARADINE The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector. GILGANDRA Date: 10/08/2022 Paper: A3 Author: JacobsGHD DUBBO Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



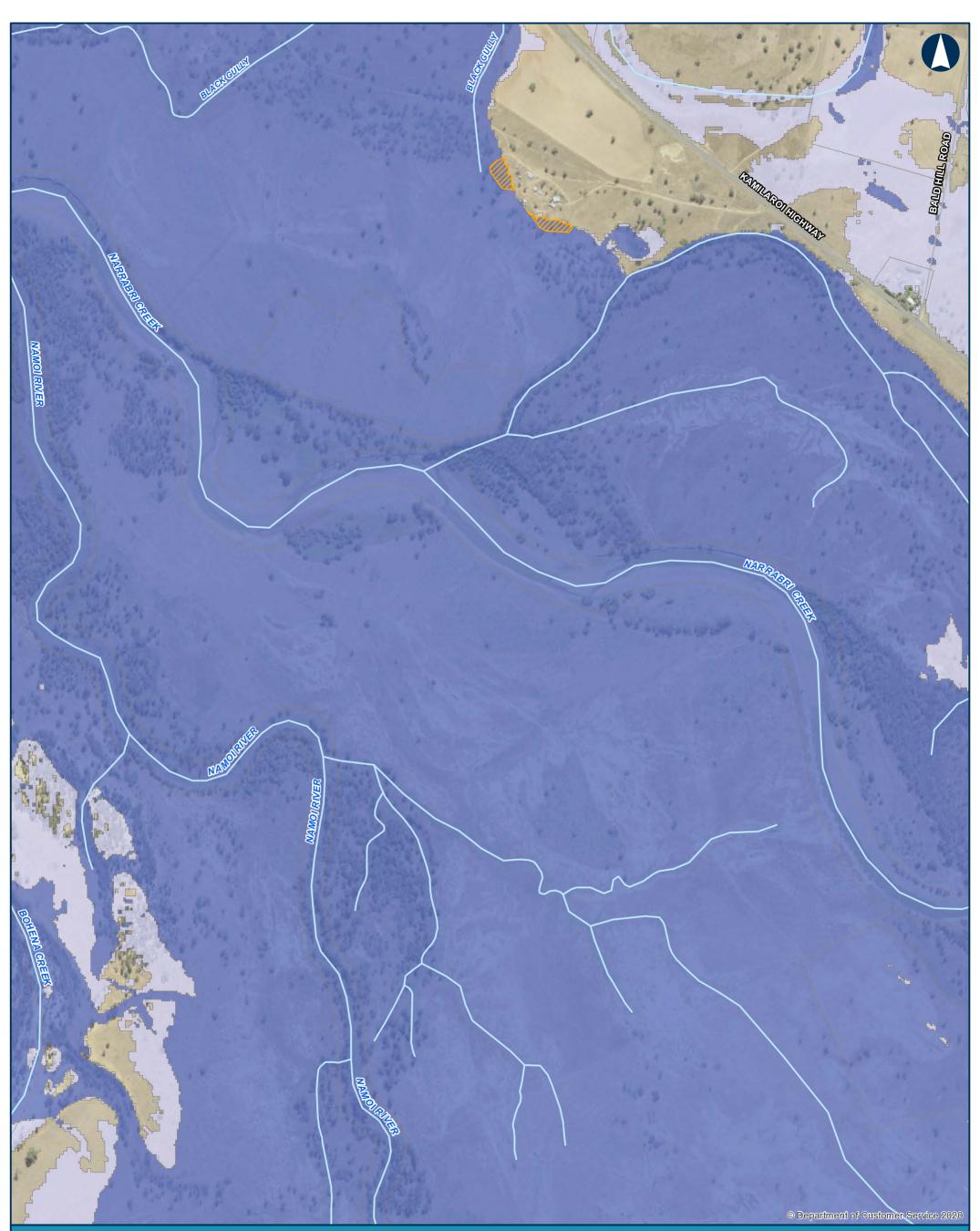
Appendix B - Figure 3.7.14



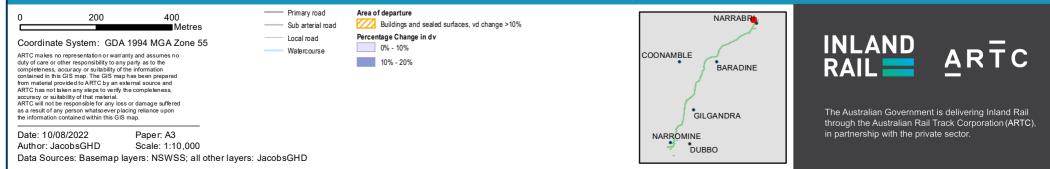


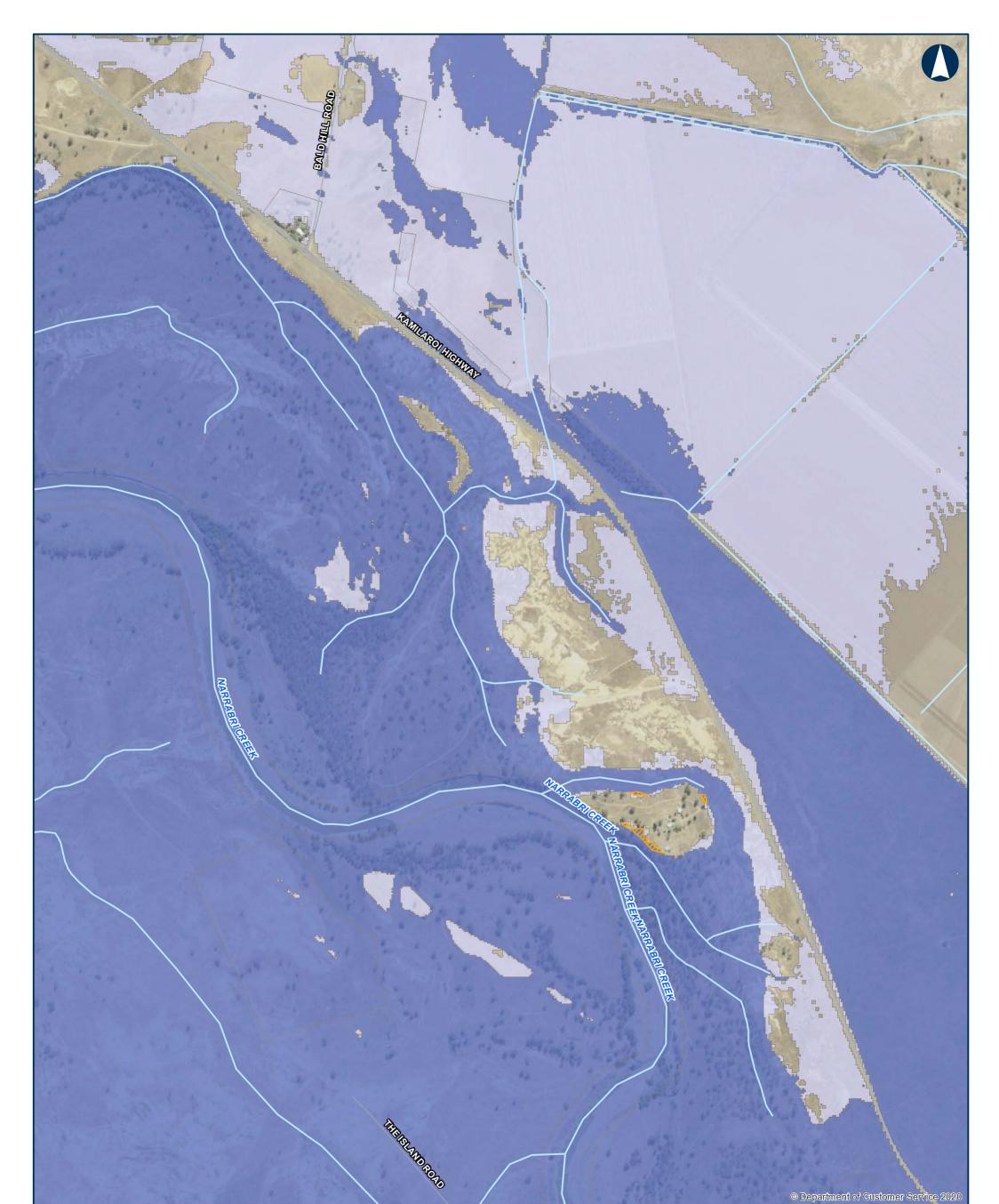


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Appendix B - Figure 3.7.15

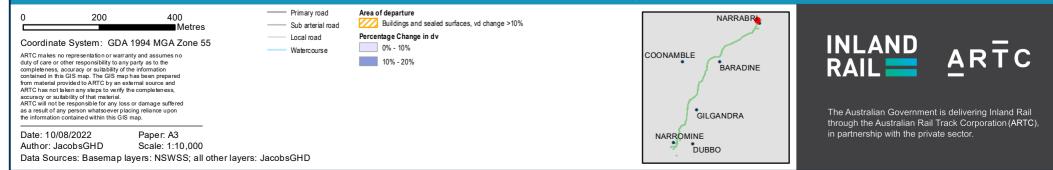




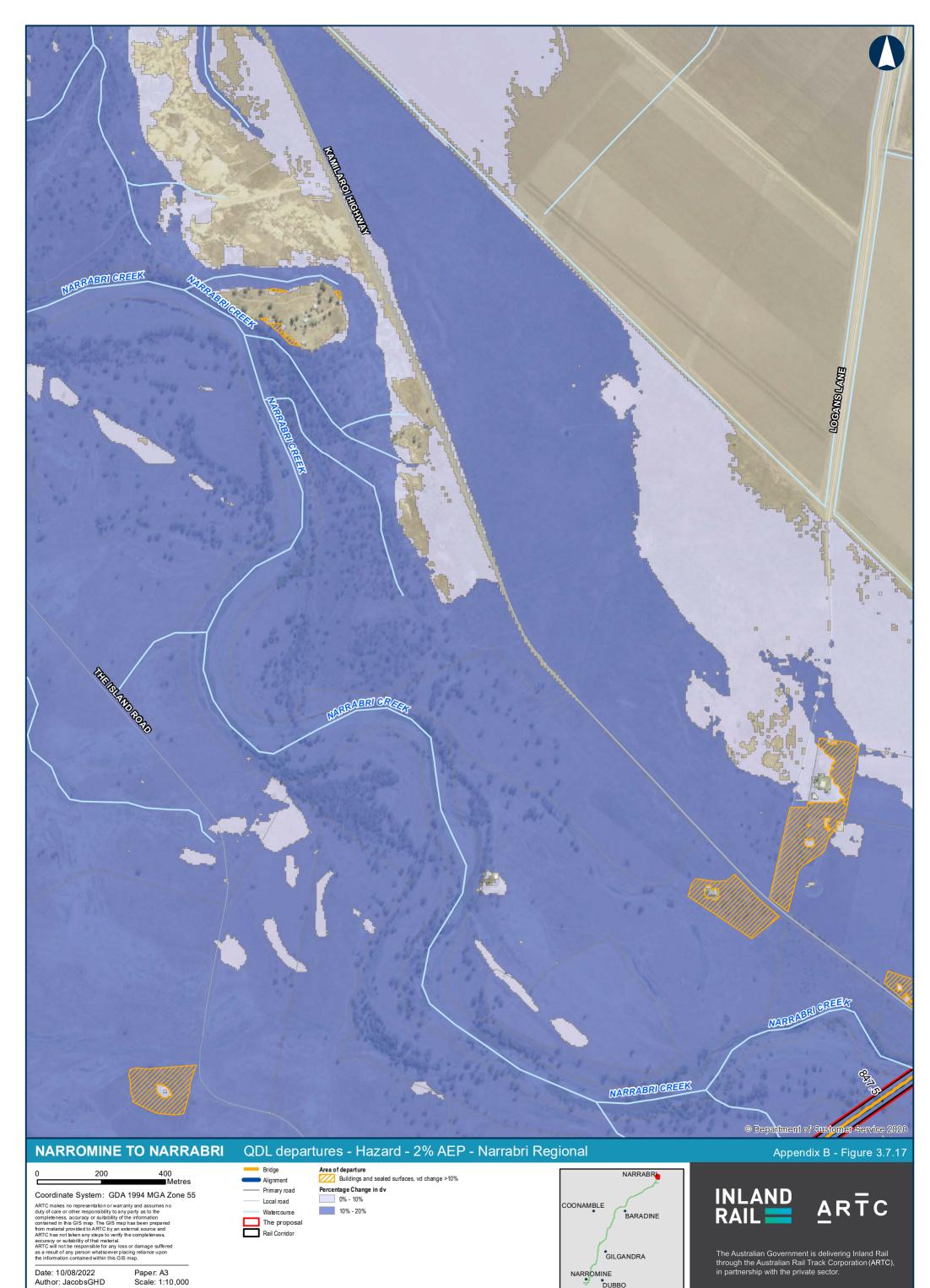
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NARROMINE TO NARRABRI QDL departures - Hazard - 2% AEP - Narrabri Regional

Appendix B - Figure 3.7.16

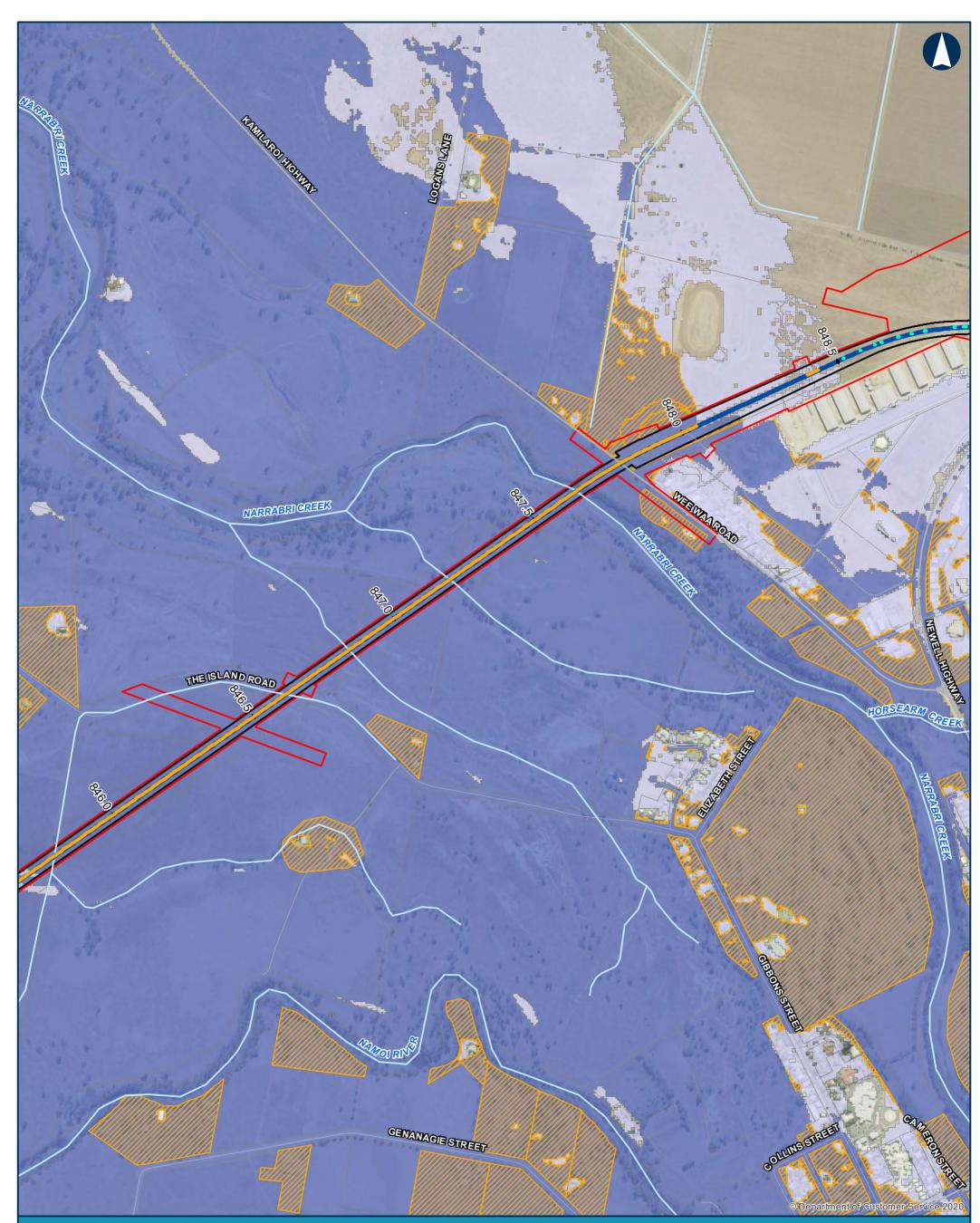


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Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



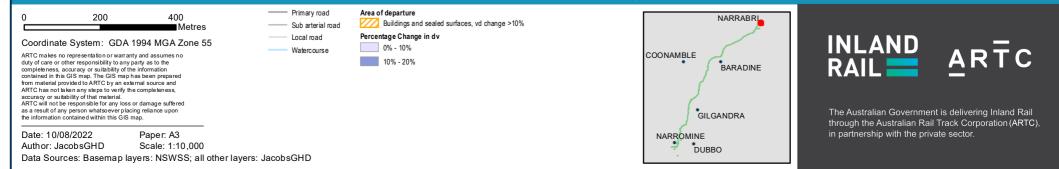
Appendix B - Figure 3.7.18

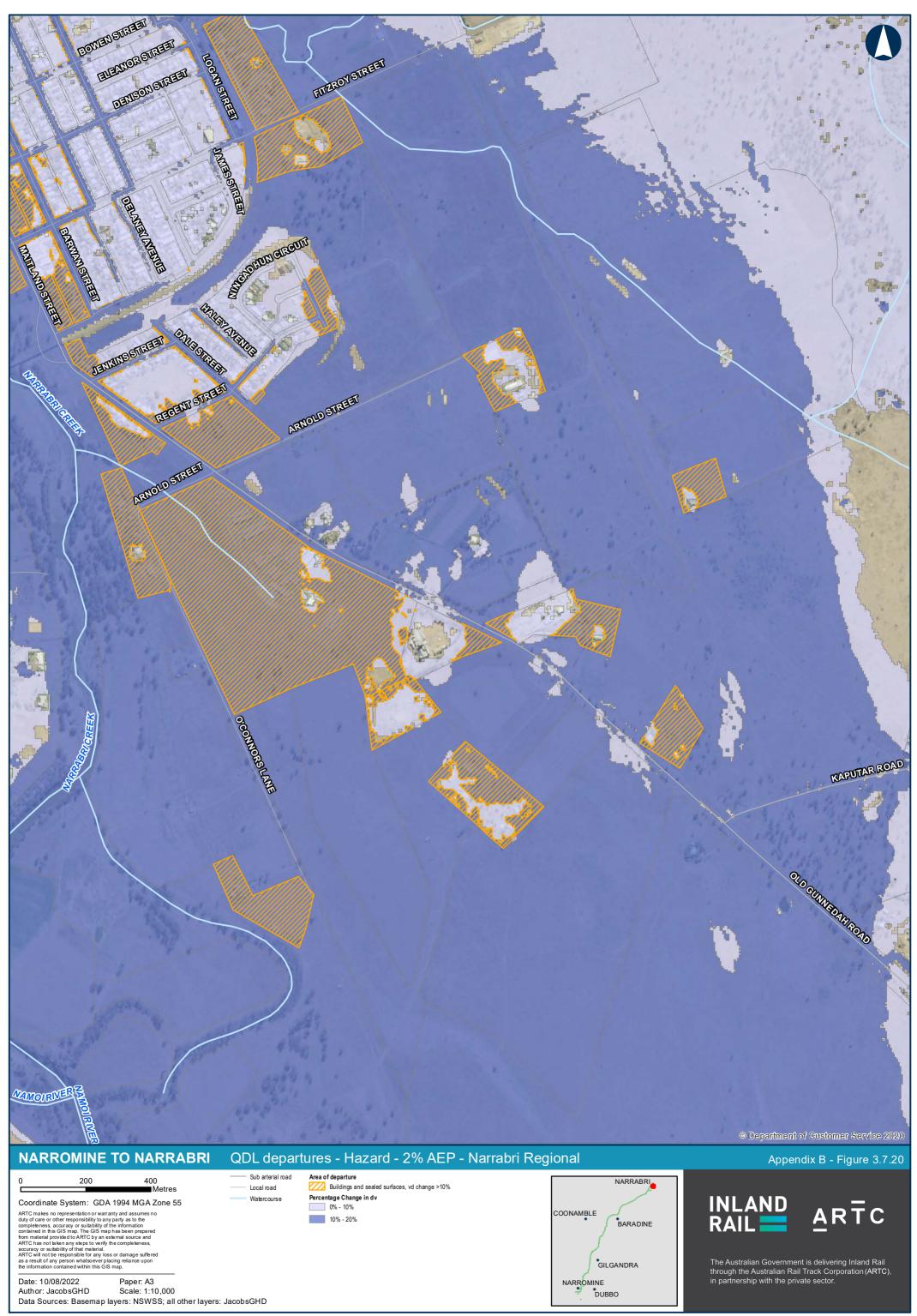
0 200 400 Metres Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that information. 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.	Bridge Area of departure Culvert Buildings and sealed surfaces, vd change >10% Alignment Percentage Change in dv Primary road 0% - 10% Local road 10% - 20% Watercourse The proposal Rail Corridor Rail Corridor	COONAMBLE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers:	JacobsGHD	NARROMINE DUBBO	in partnership with the private sector.

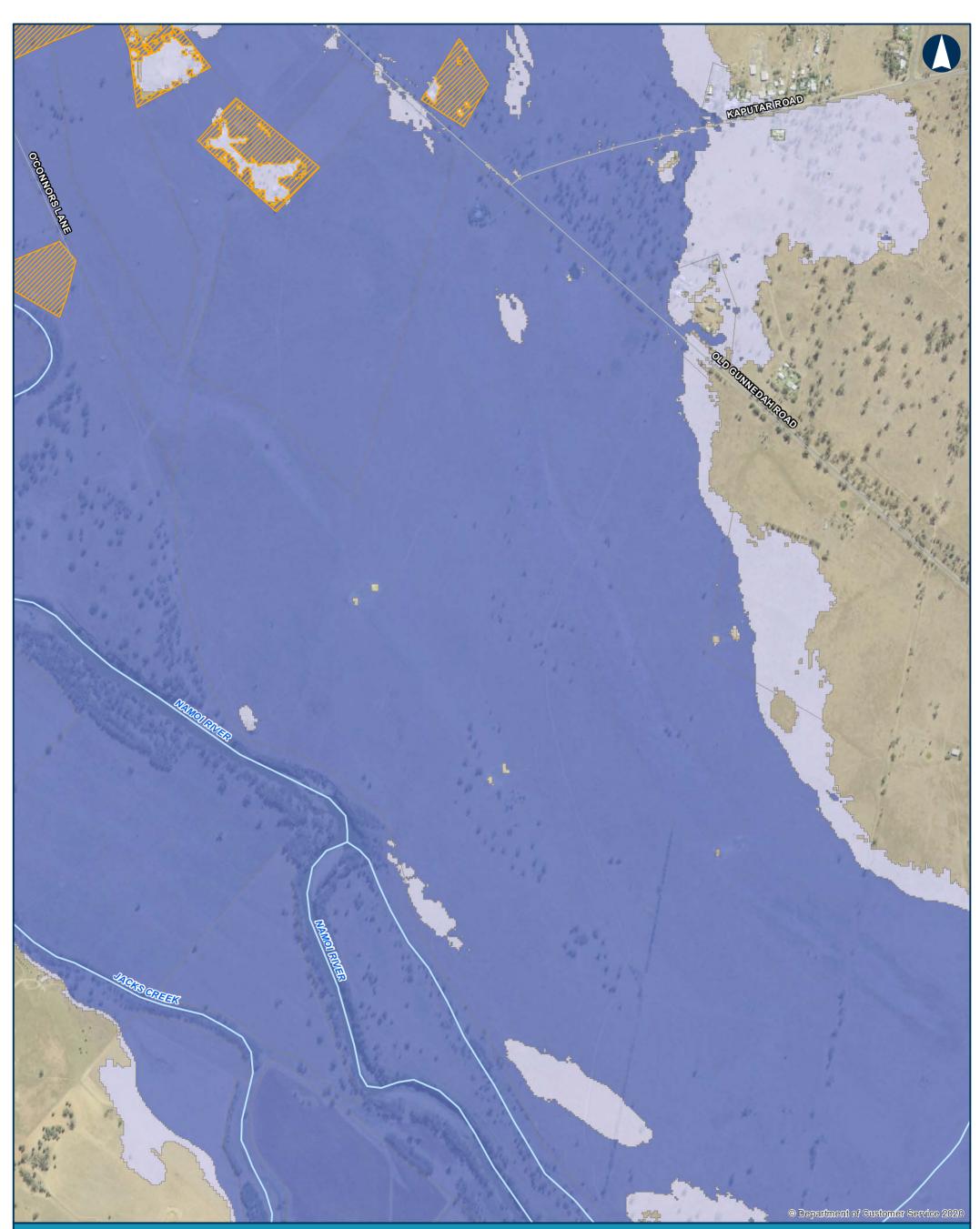
 $N: A U New castle Projects 12219593 (GIS) GIS_{2500} N2N_v 2 (Maps) Deliverables_SPIR (EIS/Flooding_Hydrology (Appendices 12500_EISFWPAPP136_QDL_Regional_Hazard_2pc_revA.mxd) and the second second$



Appendix B - Figure 3.7.19

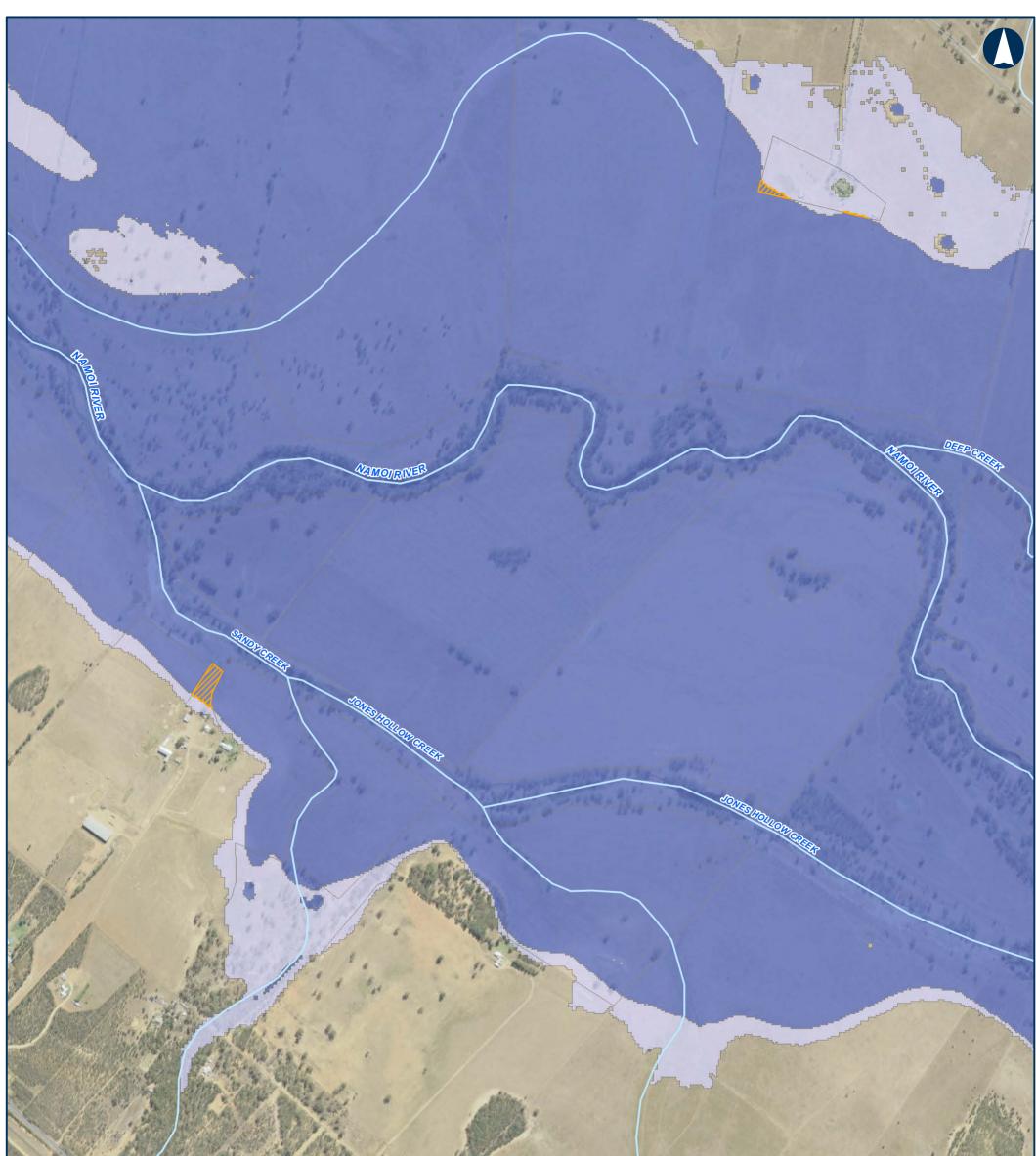






Appendix B - Figure 3.7.21

0 200 Coordinate System: GDA - ARTC makes no representation or waran duty of care or other responsibility to any p completenees, accuracy or suitability of the rom material provided to ARTC by an exk ARTC has not a ken any steps to yerify the accuracy or suitability of that material. ARTC will not be responsible for any loss as a result of any person whatsever place the information contained within this GSTs	iy and assumes no varty as to the information as been prepared mrail source and e completeness, or damage suffered ng reliance upon	Sub arterial road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).		
Date: 10/08/2022 Author: JacobsGHD Data Sources: Basemap la	Paper: A3 Scale: 1:10,000 yers: NSWSS; all other la	iyers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.		



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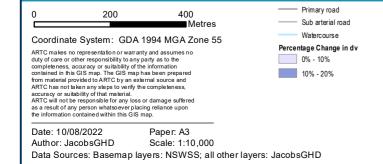
NARROMINE TO NARRABRI QDL departures - Hazard - 2% AEP - Narrabri Regional

Appendix B - Figure 3.7.22



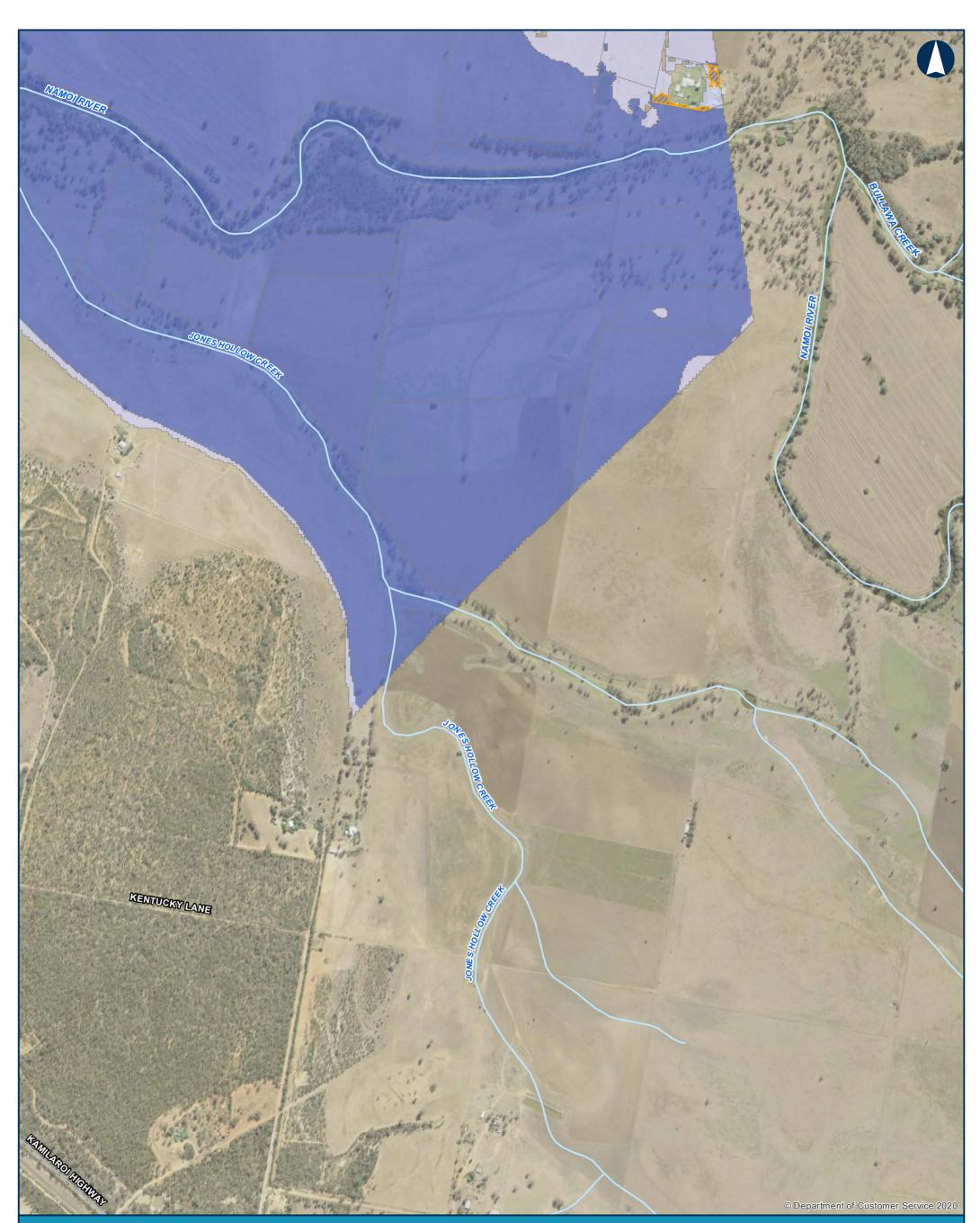


Appendix B - Figure 3.7.23

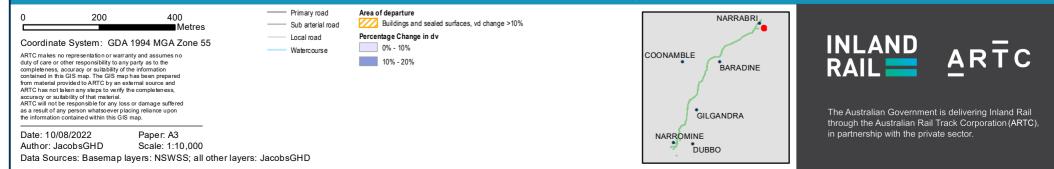




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

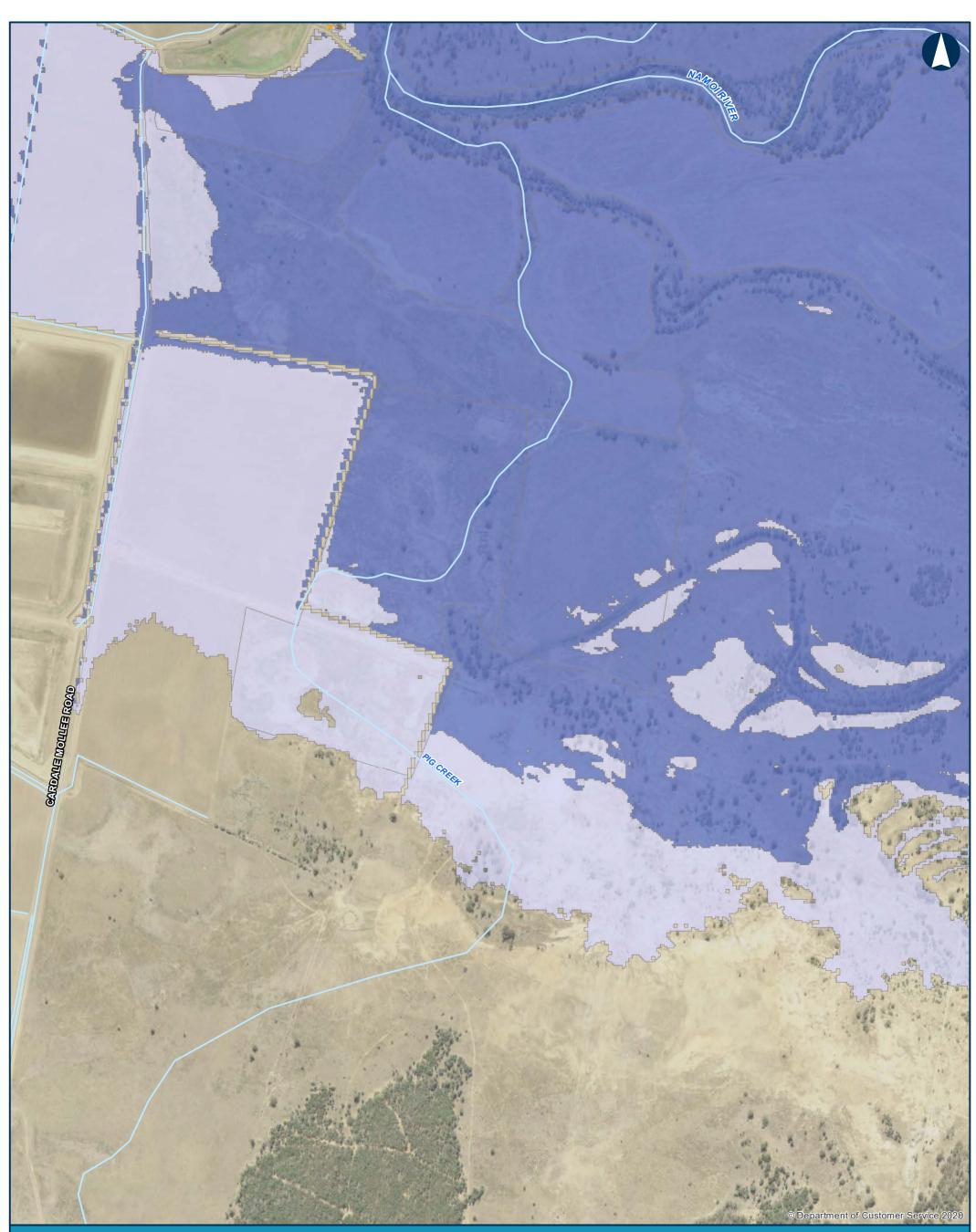


Appendix B - Figure 3.7.24



 $N: A U New castle Projects 12219593 (GIS) GIS_{2500} N2N_v 2 (Maps) Deliverables_SPIR (EIS/Flooding_Hydrology (Appendices 12500_EISFWPAPP136_QDL_Regional_Hazard_2pc_revA.mxd) and the second second$





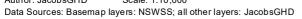
Appendix B - Figure 3.7.26

0 200 400 Local road Metres Watercourse 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 onhained 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 the GIS map. Local road	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.7.27

0 20	00	400 Metres		Watercourse Percentage Change in dv
Coordinate System ARTC makes no representati duty of care or other responsi completeness, accuracy or su contained in this GIS map. Th from material provided to ART ARTC has not taken any step accuracy or suitability of that ARTC will not be responsible as a result of any person wha the information contained with	on or warranty and assu- bility to any party as to itability of the informative GIS map has been pir C by an external source to to verify the complete material. for any loss or damage tiso ever placing reliance	umes no the on repared e and ness, suffered	5	0% - 10%
Date: 10/08/2022 Author: JacobsGH	Pape D Scale	r: A3 :: 1:10,000		



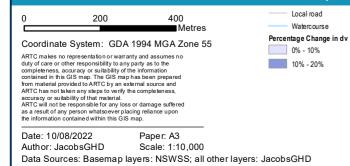




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.7.28

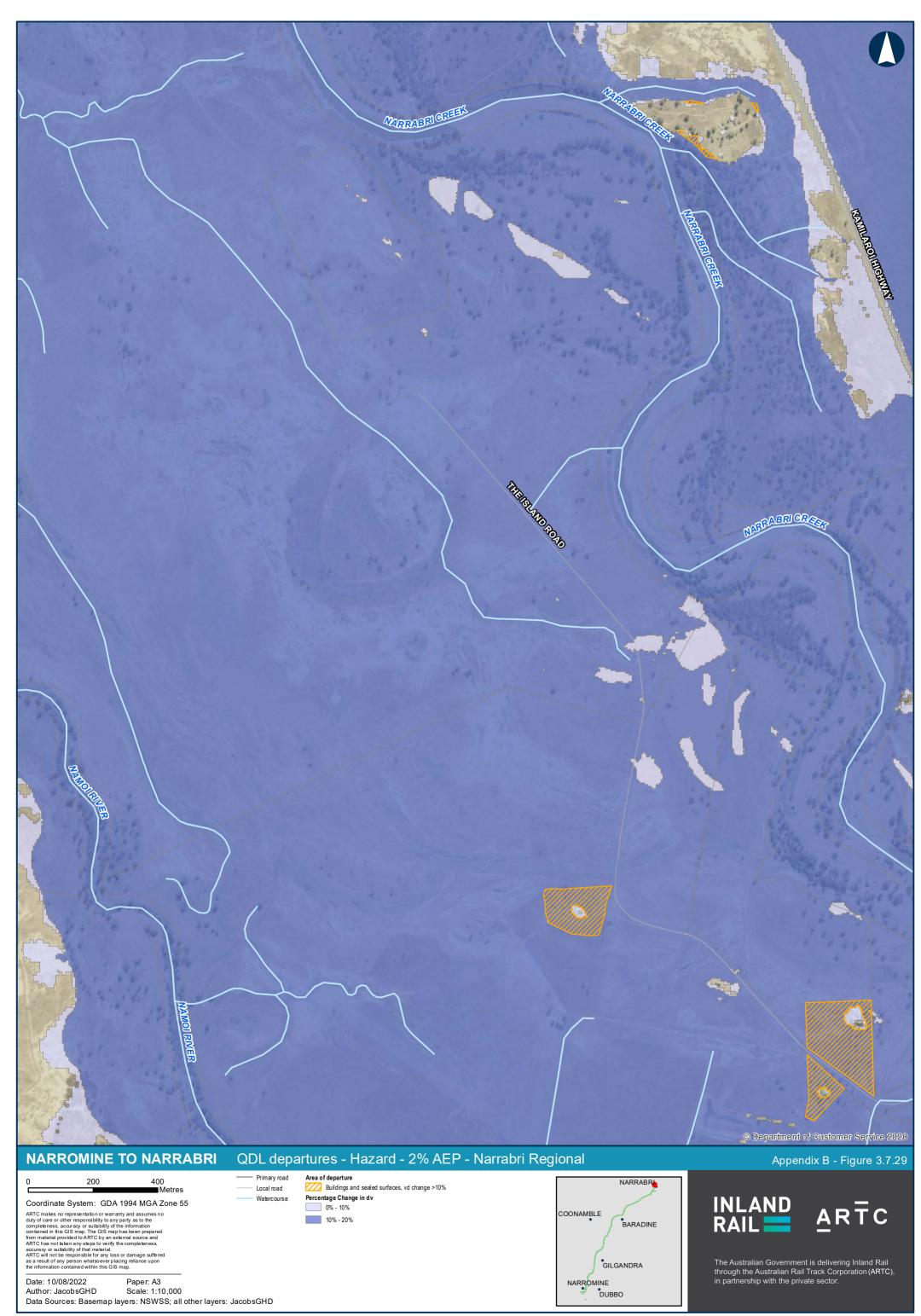








The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.





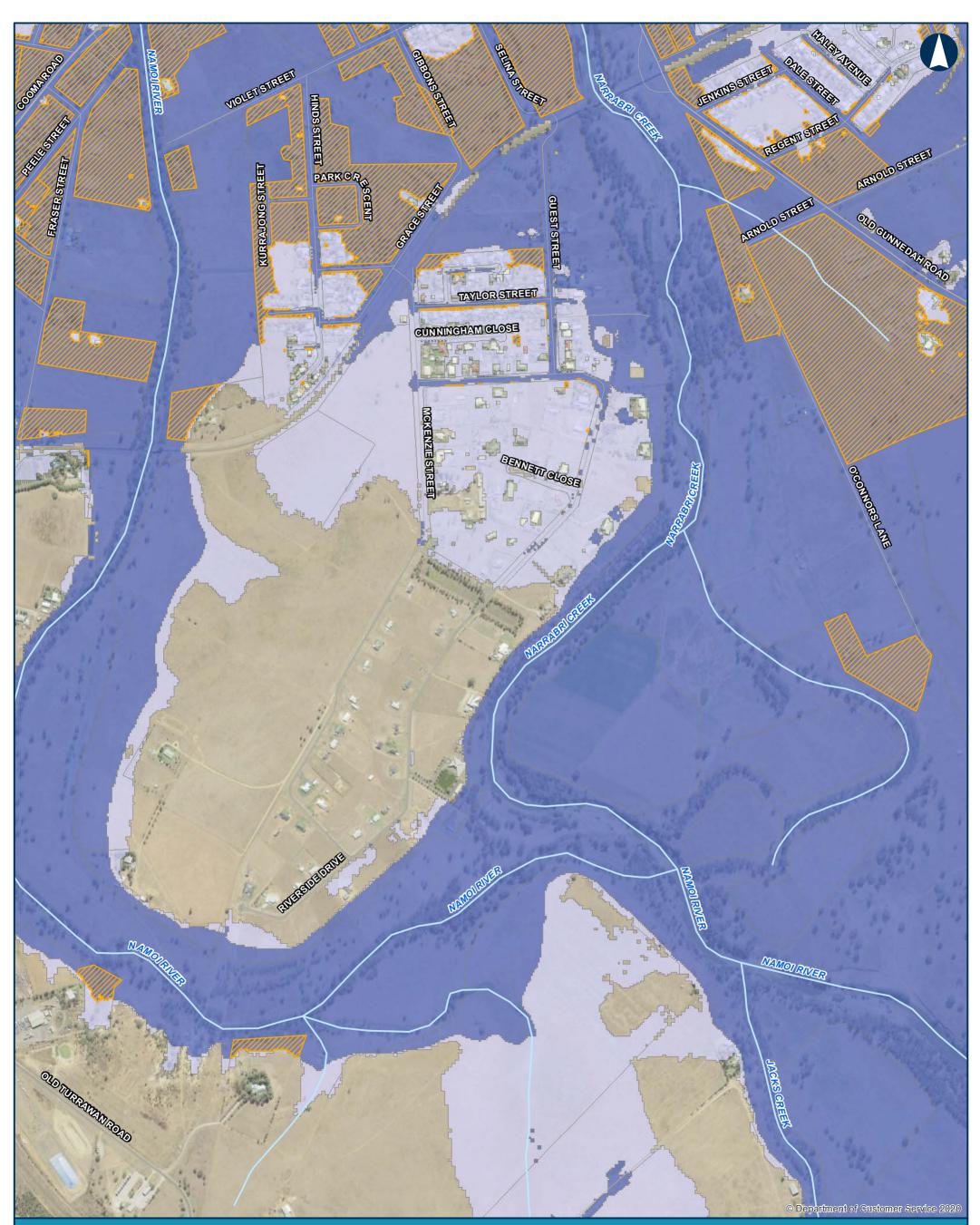
Appendix B - Figure 3.7.30

Metres Metres 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 may. The GIS may have been prepared from material provide to ARTC by an external source and ARTC has not altern any steps to verify the completeness.	Bridge Area of departure Alignment Delidings and sealed surfaces, vd change >10% Primary road Percentage Change in dv Sub arterial road 0% - 10% Local road 10% - 20% Watercourse The proposal Rail Corridor Rail Corridor	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: Jacob	bsGHD	NARROMINE DUBBO	in partnership with the private sector.

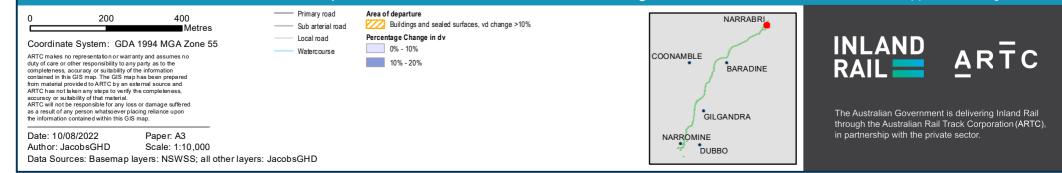


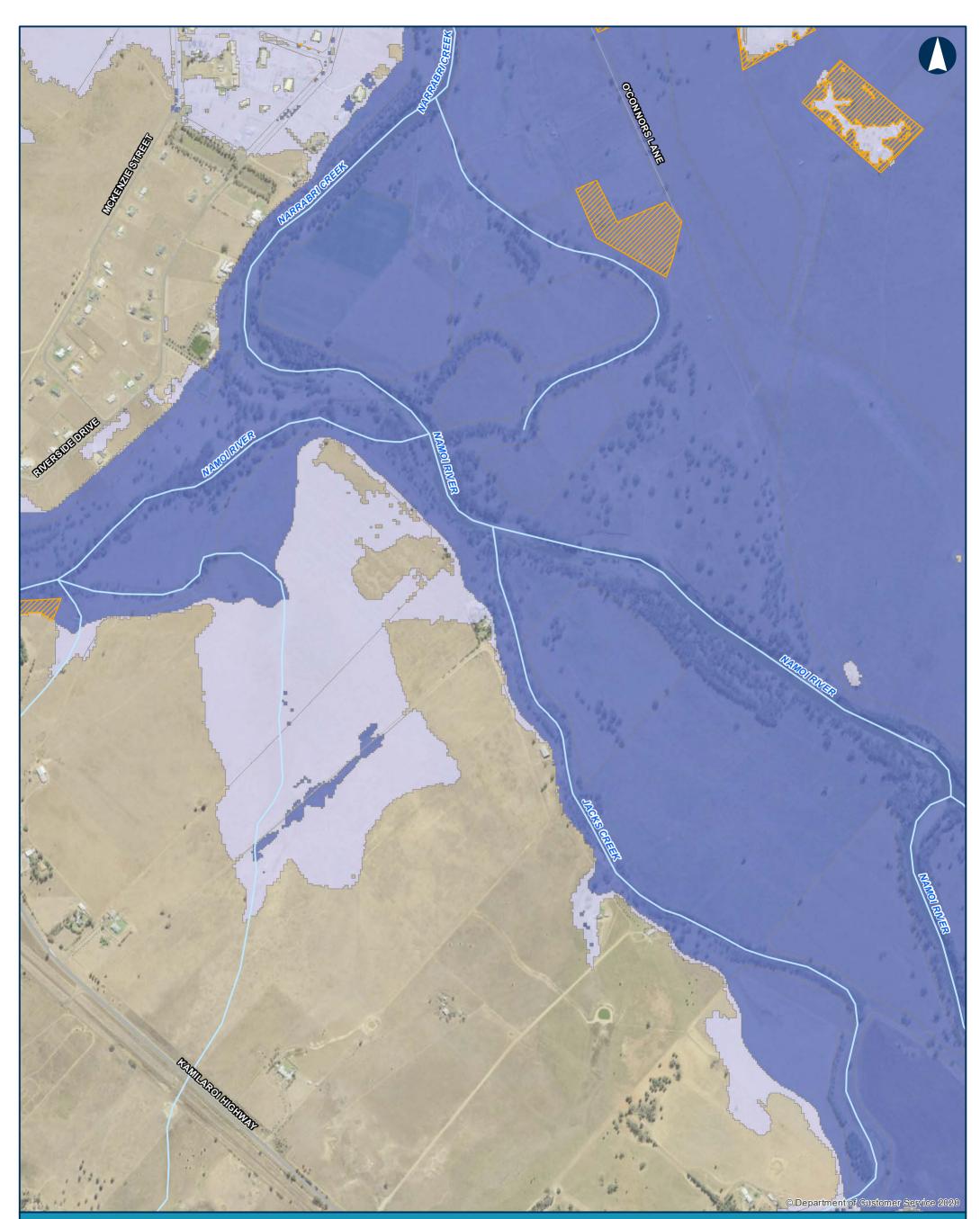
Appendix B - Figure 3.7.31

0 200 400 Metres 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 their 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.	Bridge Alignment Primary road Sub arterial road Local road Watercourse The proposal Rail Corridor	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other lay	vers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.7.32





Appendix B - Figure 3.7.33

0 200 400 Metres Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no dudy 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 hatr 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.	Primary road Local road Watercourse 0% - 10% 10% - 20%	aled surfaces, vd change >10% iv	COONAMBLE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layer	rs: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.

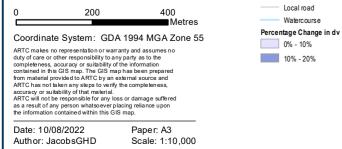


Appendix B - Figure 3.7.34

0 200 400 Metres 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 whatsoerver placing planeou upon the information contained within this GIS map.	Primary road Area of departure Local road Buildings and sealed surfaces, vd change >10% Watercourse Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: N	JacobsGHD	NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.7.35

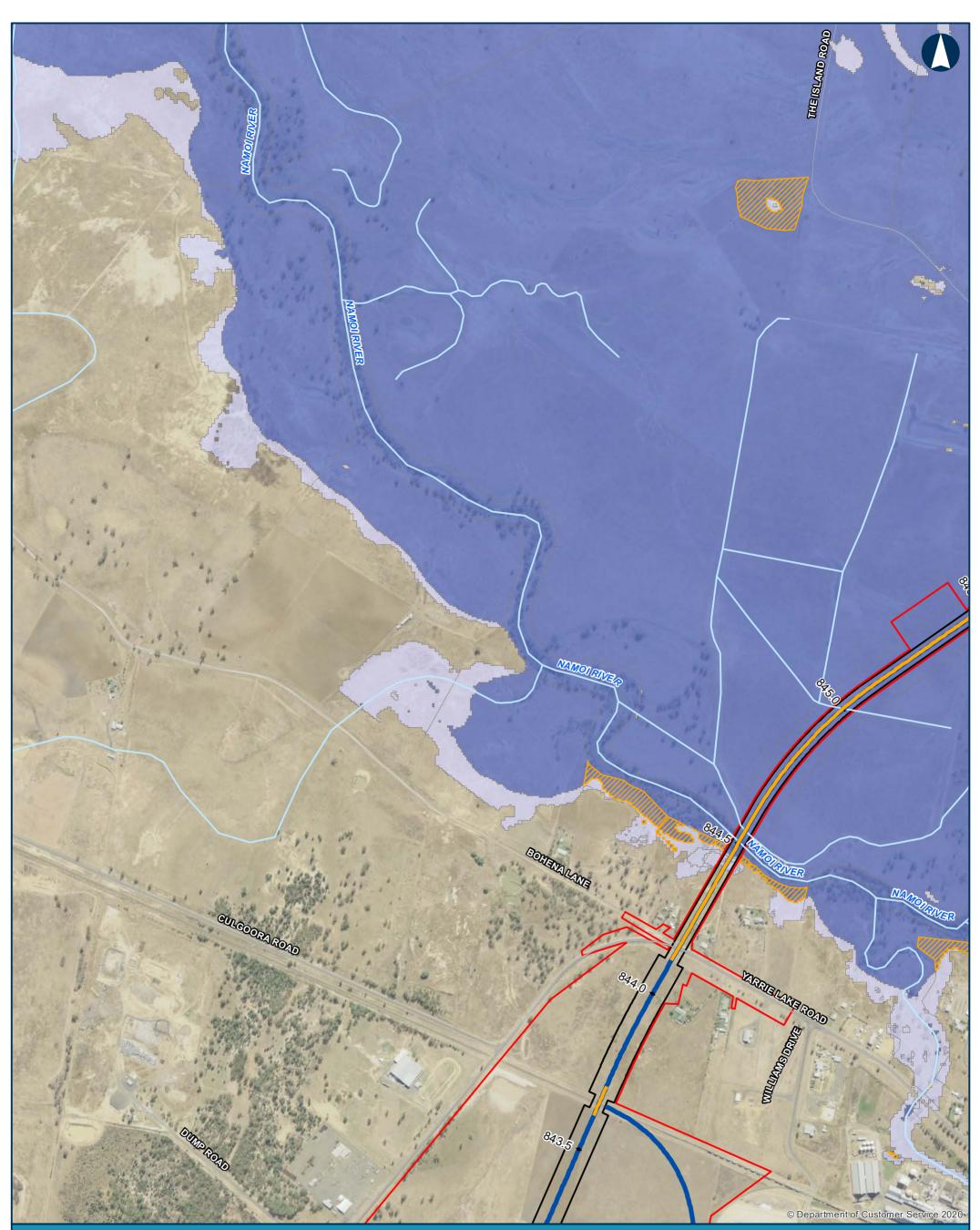


Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



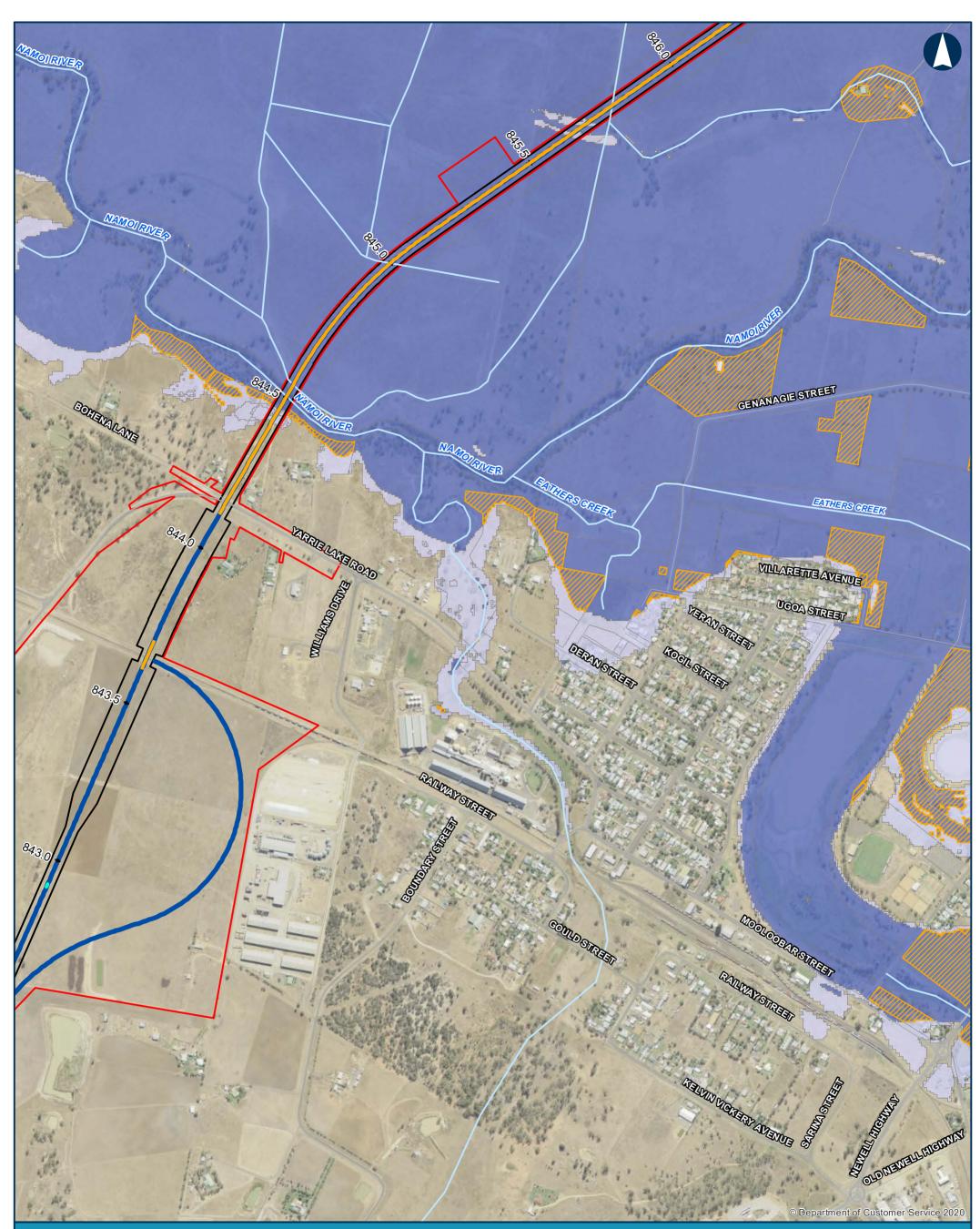


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.7.36

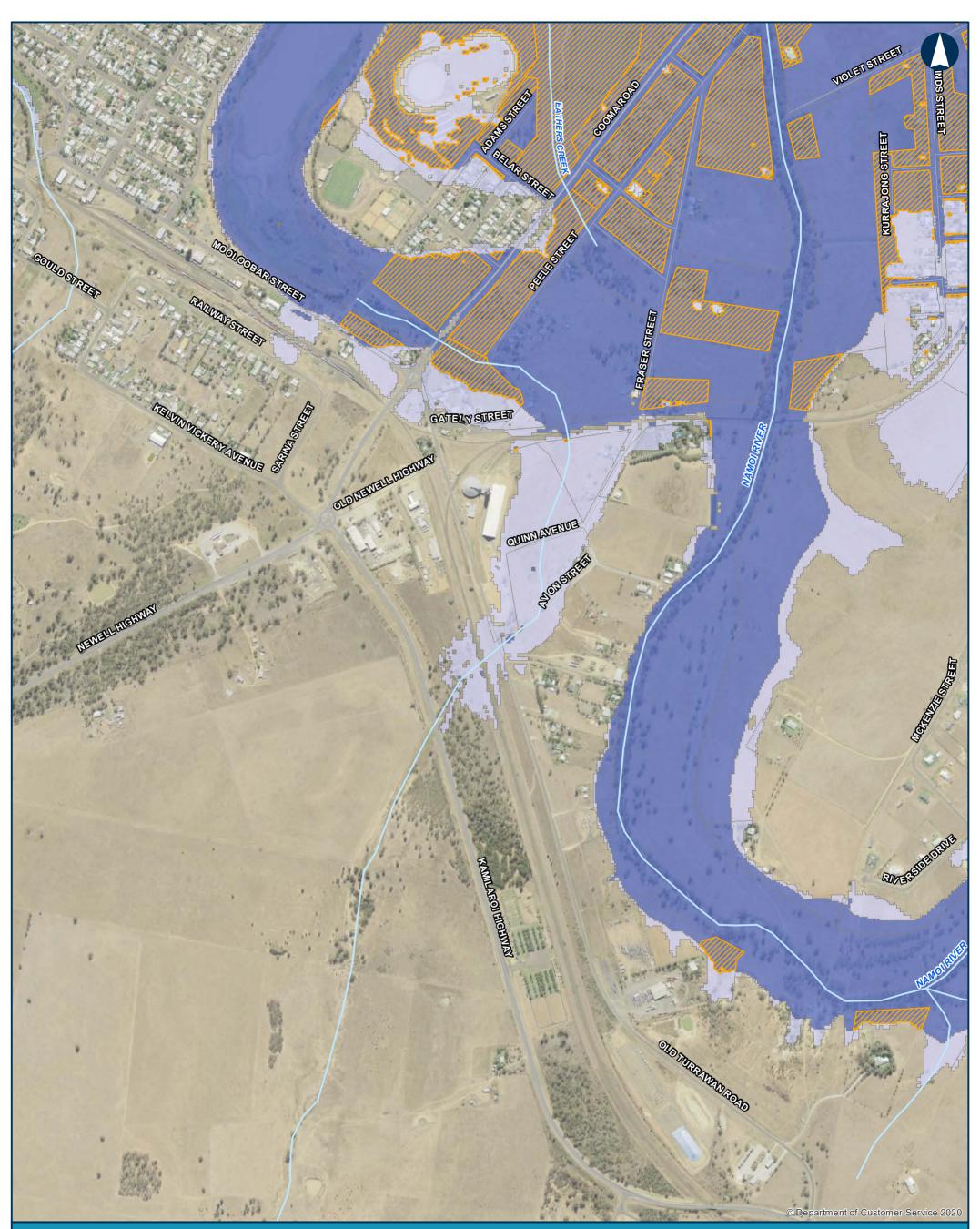
0 200 400 Bridge Metres Metres Aignment Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provide to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material. The prop Rail Corridon as a result of any person whatsoever placing reliance upon the information contained within this GIS map.	0% - 10% 10% - 20%	COONAMBLE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.



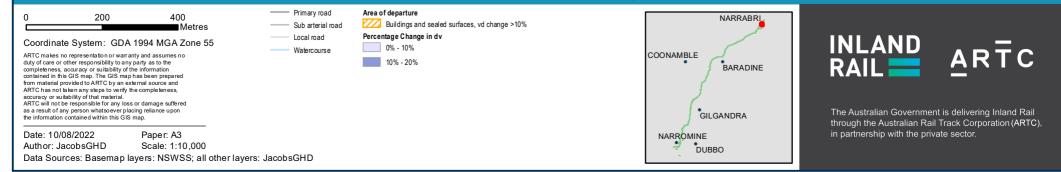
Appendix B - Figure 3.7.37

0 200 400 Metres 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 nontained 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.	Bridge Culvert Alignment Primary road Sub arterial road Local road Watercourse The proposal Rail Corridor	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers	rs: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.

 $N: A U New castle Projects 12219593 (GIS) GIS_2500_N2N_v 2 (Maps) Deliverables_SPIR (EIS/Flooding_Hydrology (Appendices 12500_EISFWPAPP136_QDL_Regional_Hazard_2pc_revA.mxd) and the second s$



Appendix B - Figure 3.7.38





Appendix B - Figure 3.7.39

0 200 400 Metres 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 subability 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 subability 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.	Primary road Local road Watercourse	Area of departure Buildings and sealed surfaces, vd change >10% Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC),
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers	s: JacobsGHD		NARROMINE DUBBO	in partnership with the private sector.

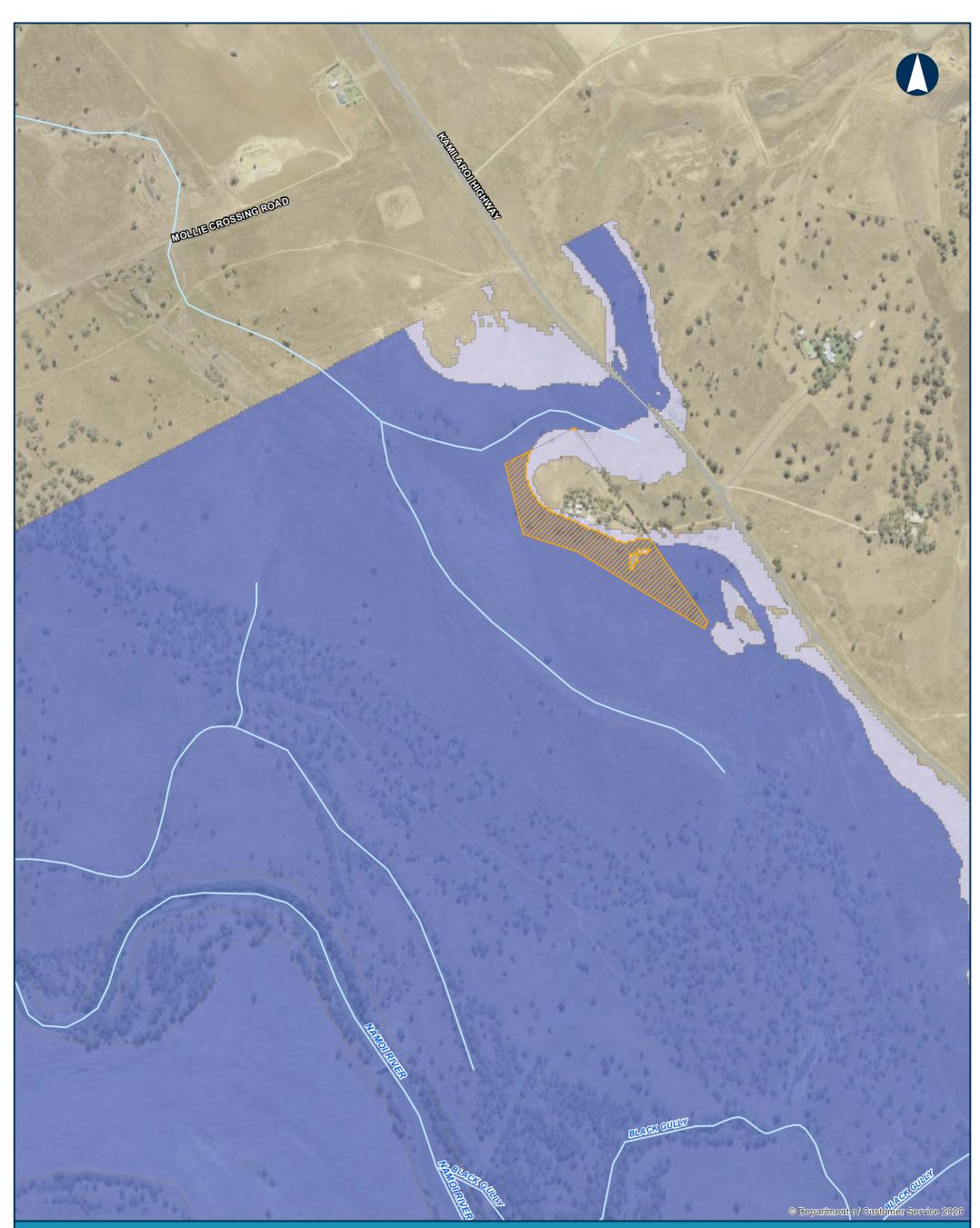


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NARROMINE TO NARRABRI QDL departures - Hazard - 2% AEP - Narrabri Regional

Appendix B - Figure 3.7.40

0 200 400 Metres 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 sleps 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 whatsower placing reliance upon the information contained within this GIS map.	Primary road Area of departure Local road Euildings and sealed surfaces, vd change >10% Watercourse Percentage Change in dv 0% - 10% 10% - 20%	COONAMBLE BARADINE GILGANDRA	The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC).
Date: 10/08/2022 Paper: A3 Author: JacobsGHD Scale: 1:10,000 Data Sources: Basemap layers: NSWSS; all other layers: Ja	cobsGHD	NARROMINE DUBBO	in partnership with the private sector.



Appendix B - Figure 3.8.1

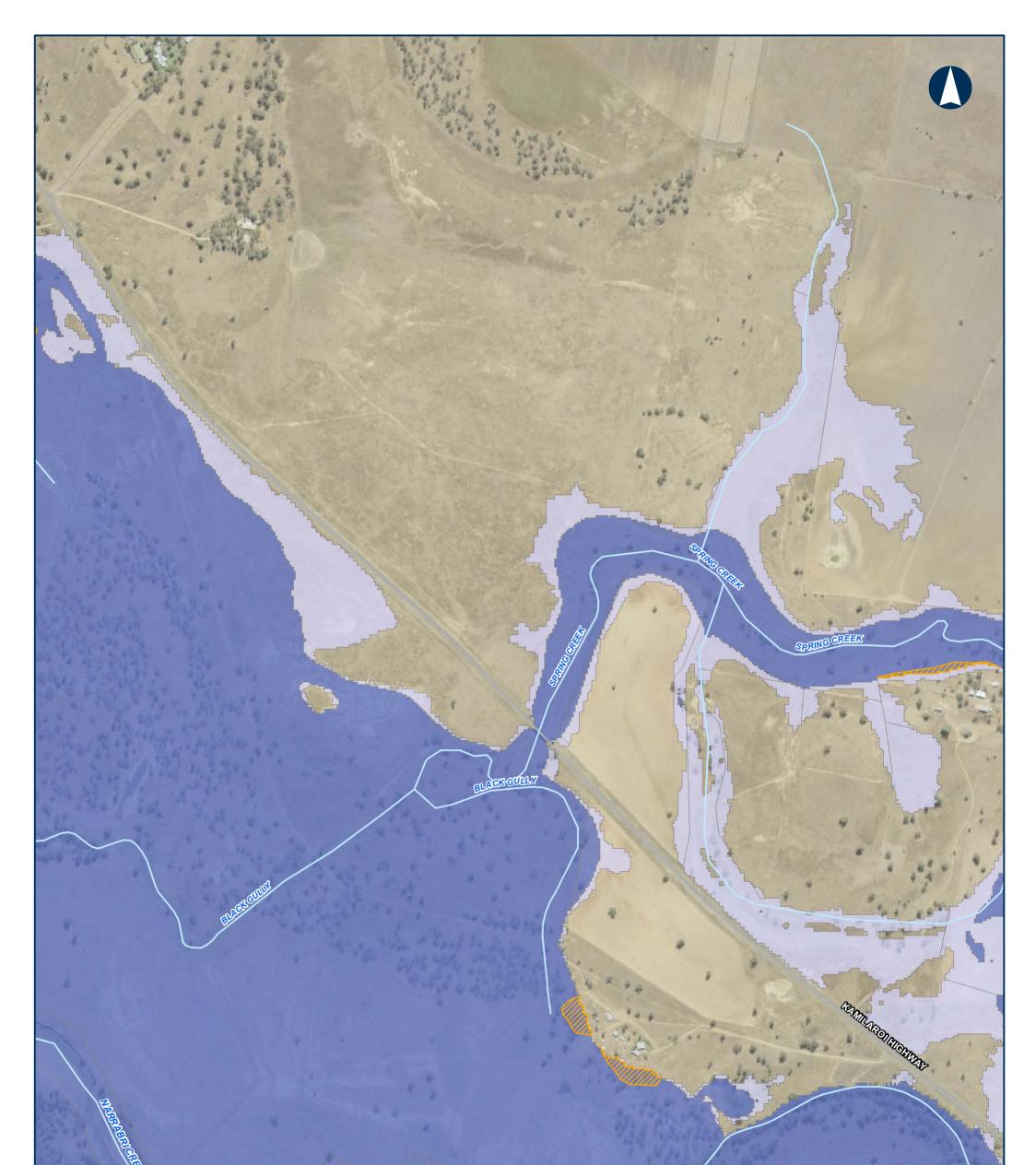
0	200	400		Primary road
	200	Metre	es —	Local road
Coordinate S	ystem: GDA 1994	MGA Zone 55		Watercourse
	,		Area o	f departure
duty of care or other	resentation or warranty and as responsibility to any party as	to the		Buildings and sealed surfaces, v
contained in this GIS	acy or suitability of the inform map. The GIS map has been	n prepared	Percer	ntage Change in dv
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accuracy or suitabilit ARTC will not be res as a result of any per		ge suffered		10% - 20%
Date: 10/08/2	022 Pap	er: A3		
Author: Jacob	sGHD Sca	le: 1:8,480		
Data Sources	: Basemap layers:	NSWSS; all othe	r layers: Ja	cobsGHD







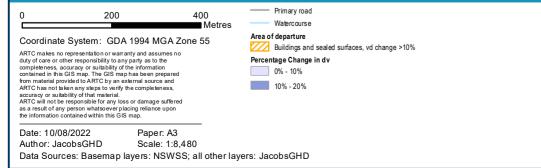
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NARROMINE TO NARRABRI QDL departures - Hazard - 1% AEP with blockage - Narrabri Regional

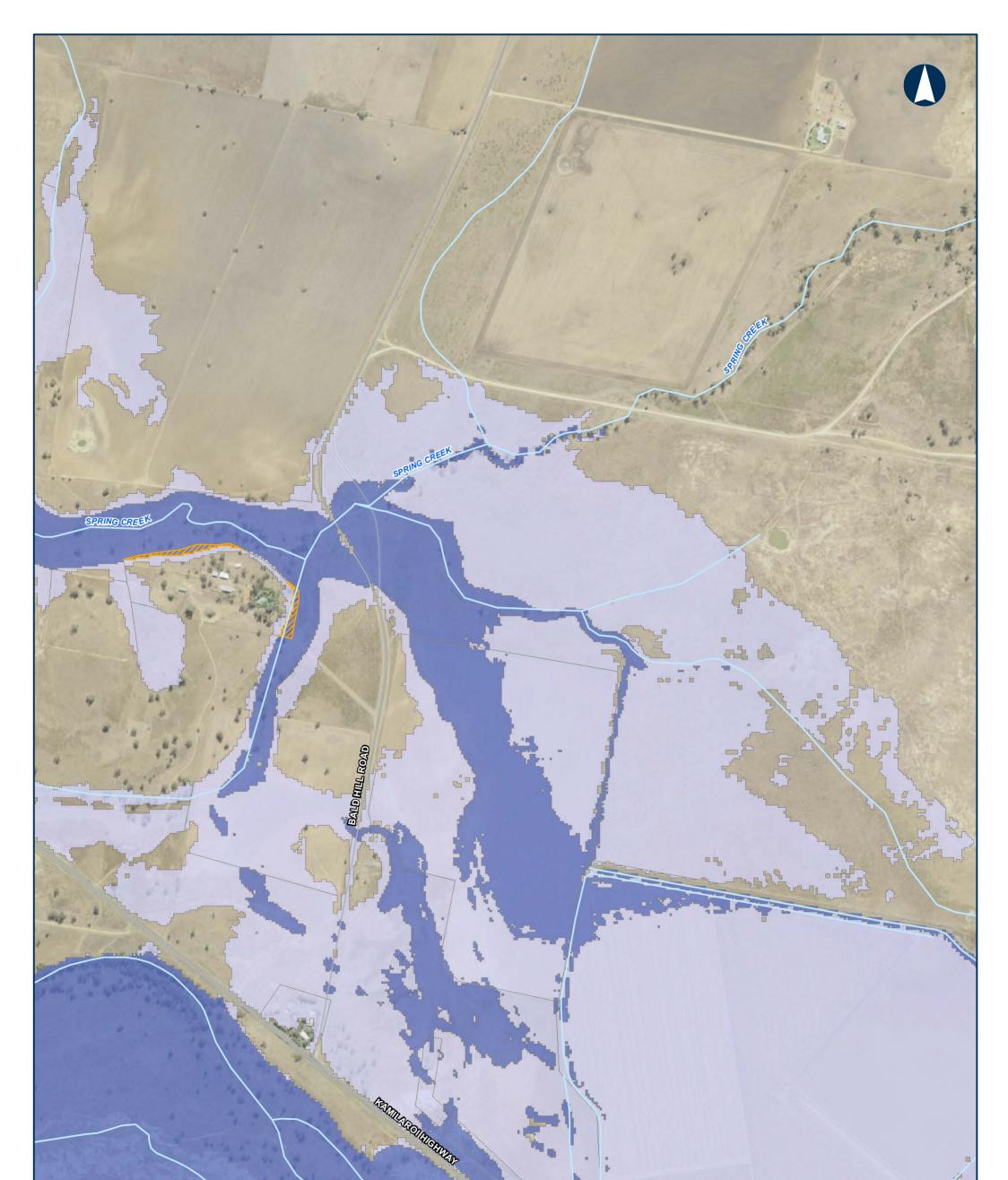
Appendix B - Figure 3.8.2





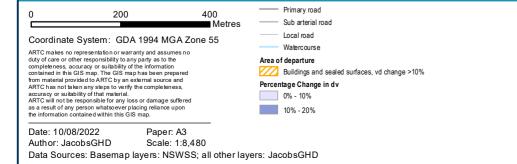


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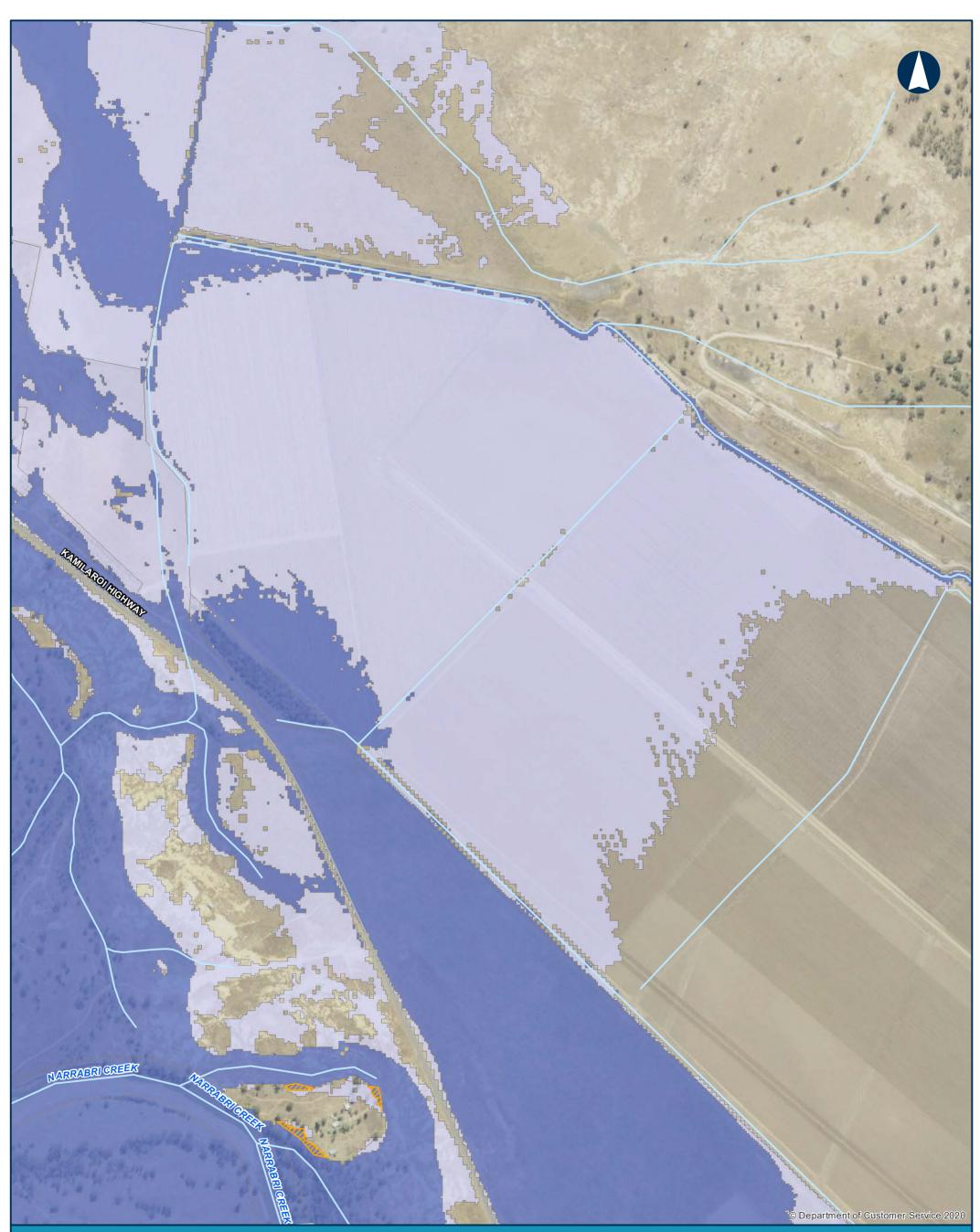
Appendix B - Figure 3.8.3



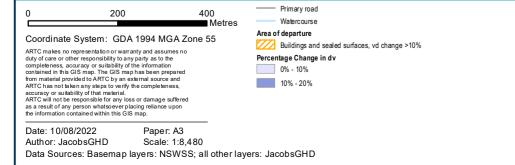




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.8.4

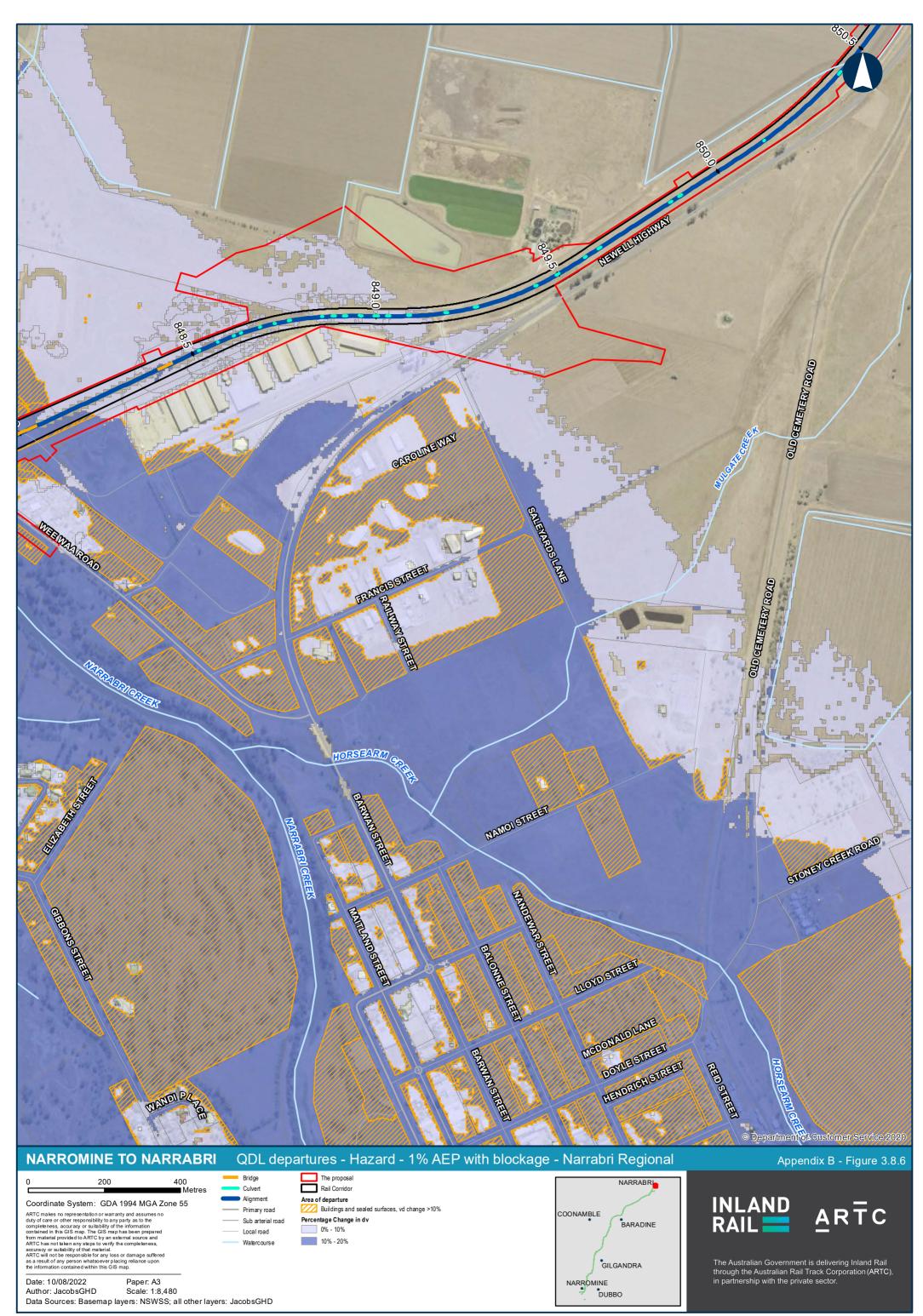






The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

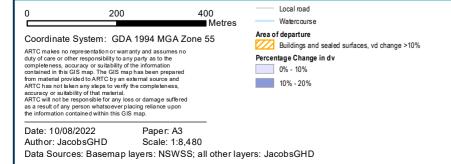








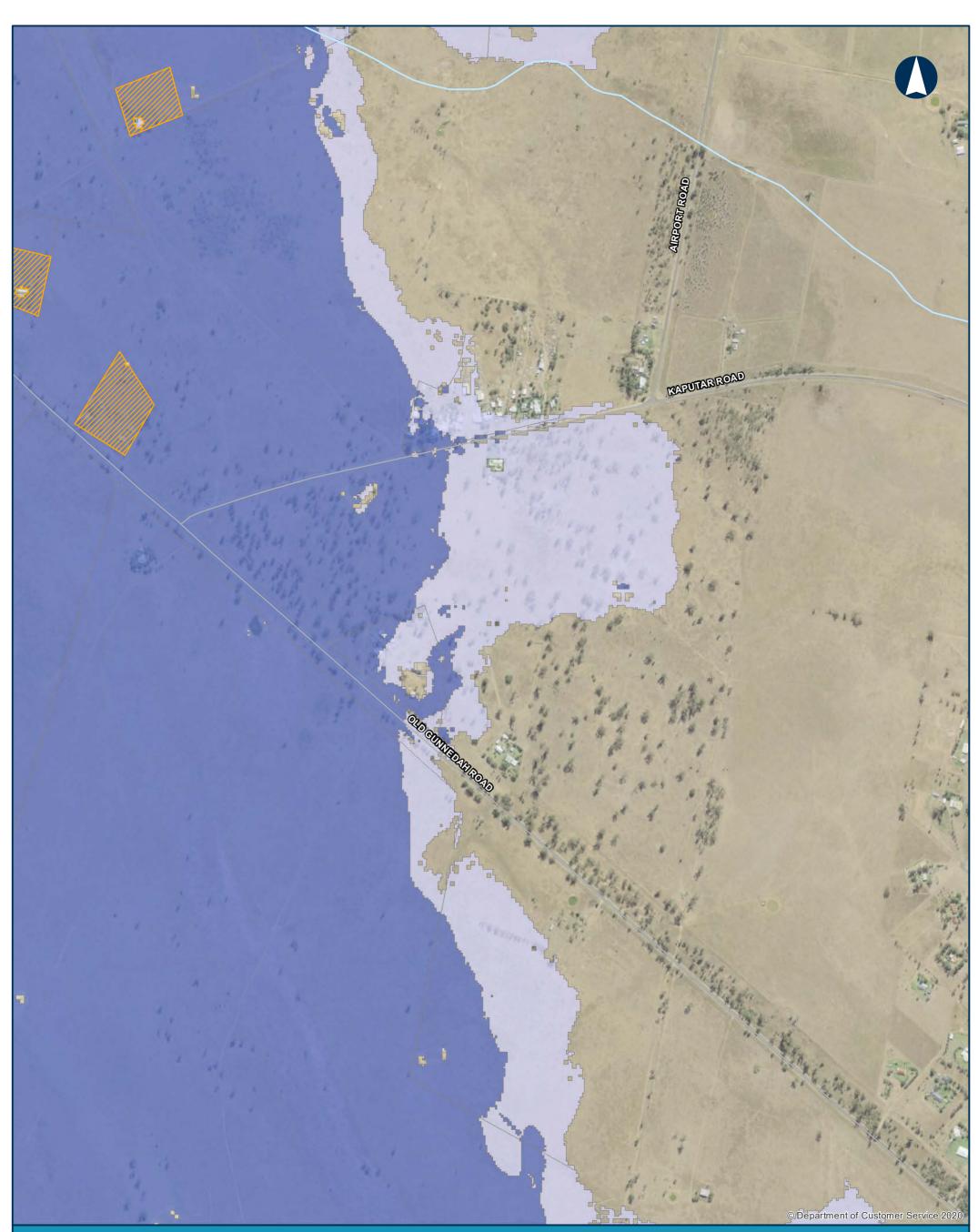
Appendix B - Figure 3.8.8







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



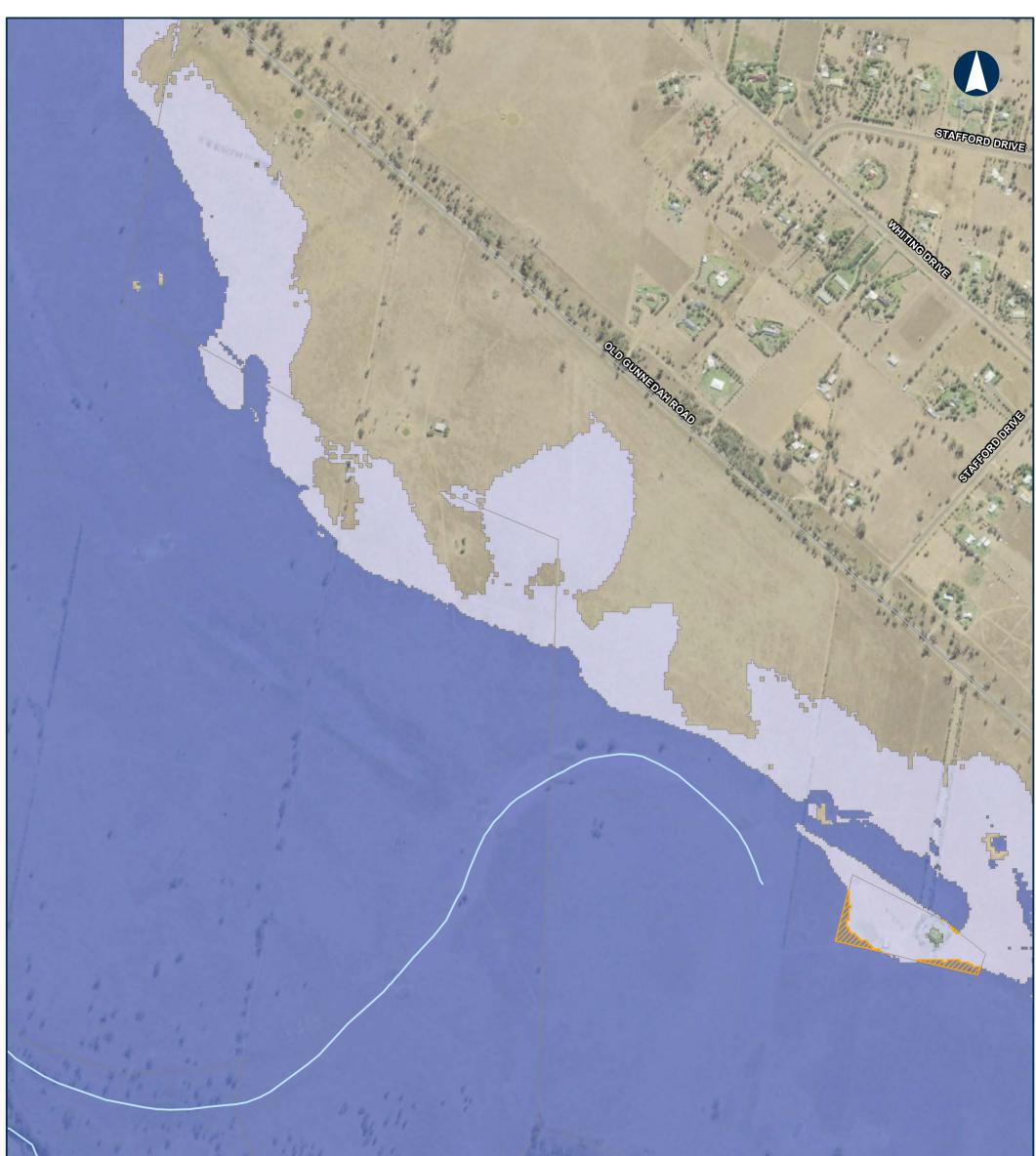
Appendix B - Figure 3.8.9

0	200		400 Metres		Sub arterial road Local road
ARTC makes no rej duty of care or other completeness, accu contained in this GI: from material provid ARTC has not taker accuracy or suitabili ARTC will not be rei as a result of any pr	responsibility to any responsibility to any racy or suitability of Smap. The GIS map ied to ARTC by an e: n any steps to verify ty of that material.	the information o has been prepared xternal source and the completeness, as or damage suffered acing reliance upon	ue 55	Area of Percenta	Watercourse departure Buildings and sealed surfaces, vd change >10% age Change in dv 0% - 10% 10% - 20%
Date: 10/08/2 Author: Jaco Data Source	bsGHD	Paper: A3 Scale: 1:8,48 ayers: NSWSS;		ers: Jaco	obsGHD





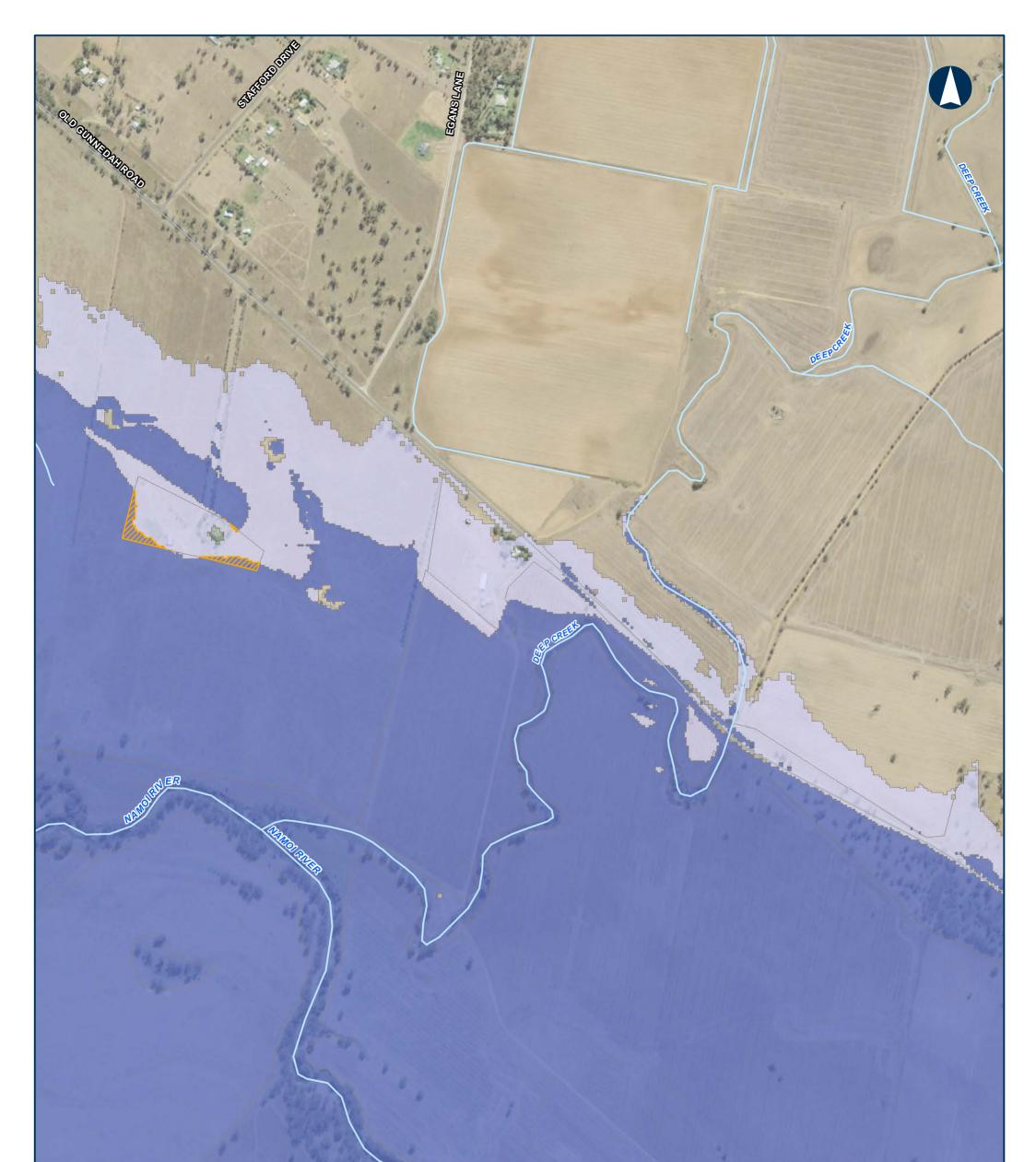
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



NAMO EEP CREEK MAMOI RIVER © Department of Customer Service 2020 NARROMINE TO NARRABRI QDL departures - Hazard - 1% AEP with blockage - Narrabri Regional Appendix B - Figure 3.8.10 - Sub arterial road NARRABRI 0 200 400 Local road Metres Watercourse Coordinate System: GDA 1994 MGA Zone 55 ARTC 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 sleps 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. Area of departure COONAMBLE Buildings and sealed surfaces, vd change >10% BARADINE Percentage Change in dv 0% - 10% 10% - 20% The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), GILGANDRA Paper: A3 in partnership with the private sector. Date: 10/08/2022 Author: JacobsGHD DUBBO Scale: 1:8,480

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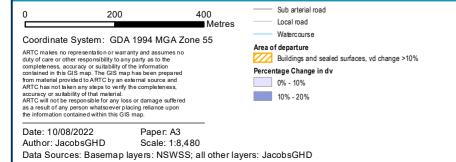
Data Sources: Basemap layers: NSWSS; all other layers: JacobsGHD



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NARROMINE TO NARRABRI QDL departures - Hazard - 1% AEP with blockage - Narrabri Regional

Appendix B - Figure 3.8.11

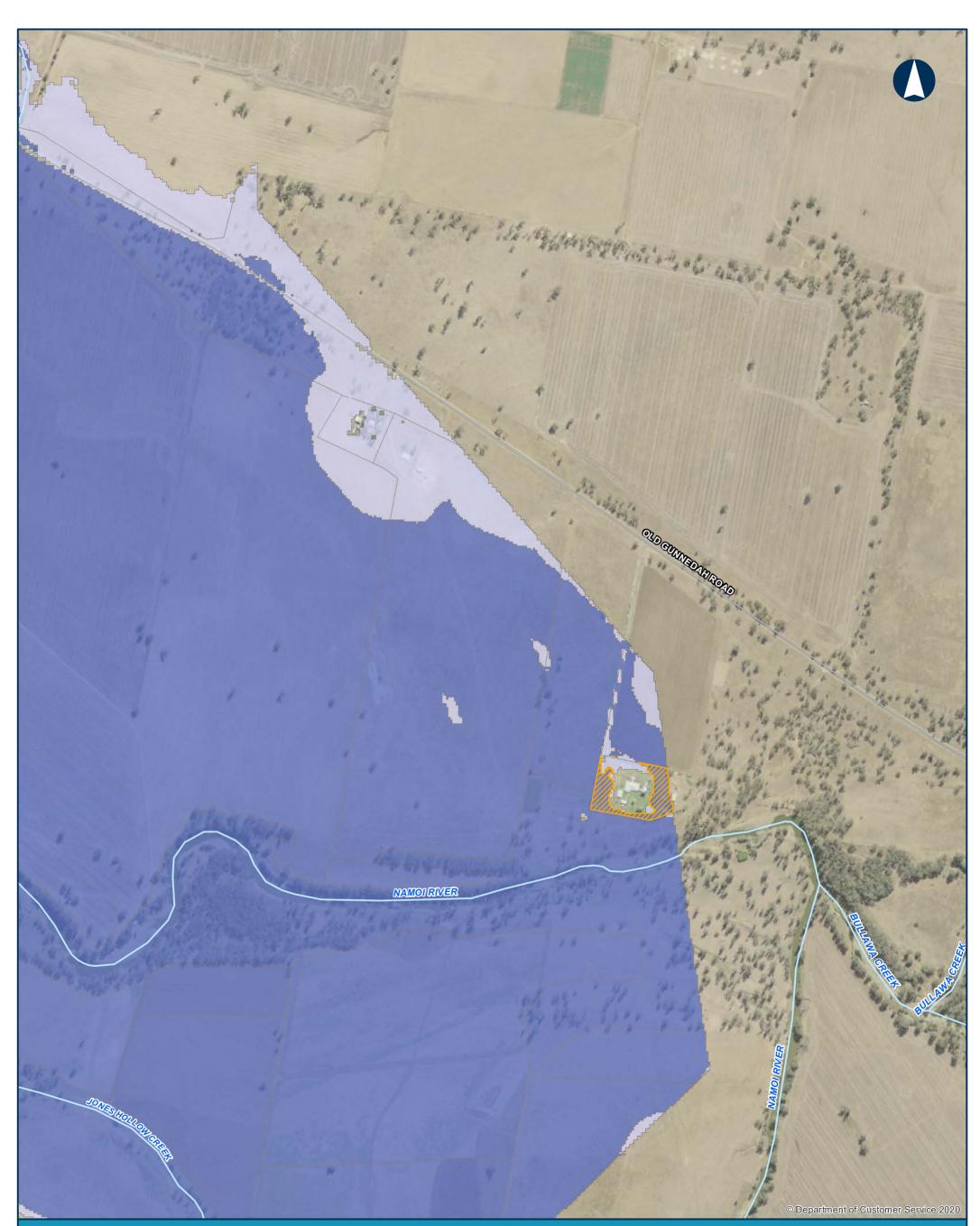


SOMES HOMON CREEK

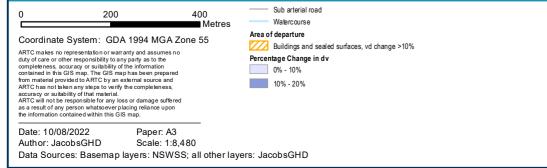


INLAND ARTC

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Appendix B - Figure 3.8.12



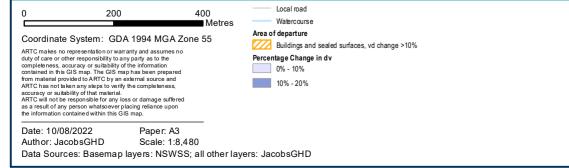




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



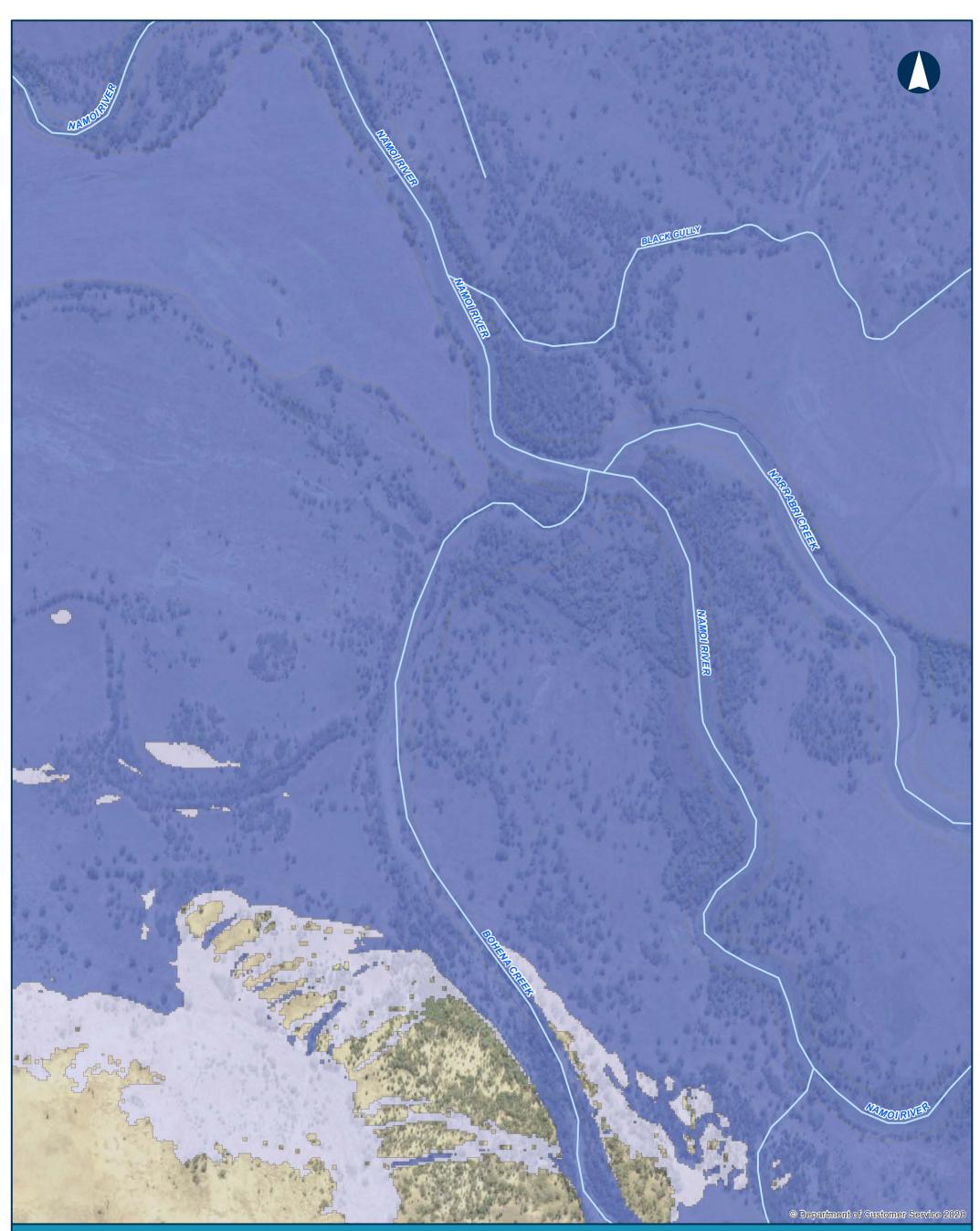
Appendix B - Figure 3.8.13



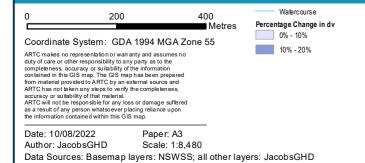




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



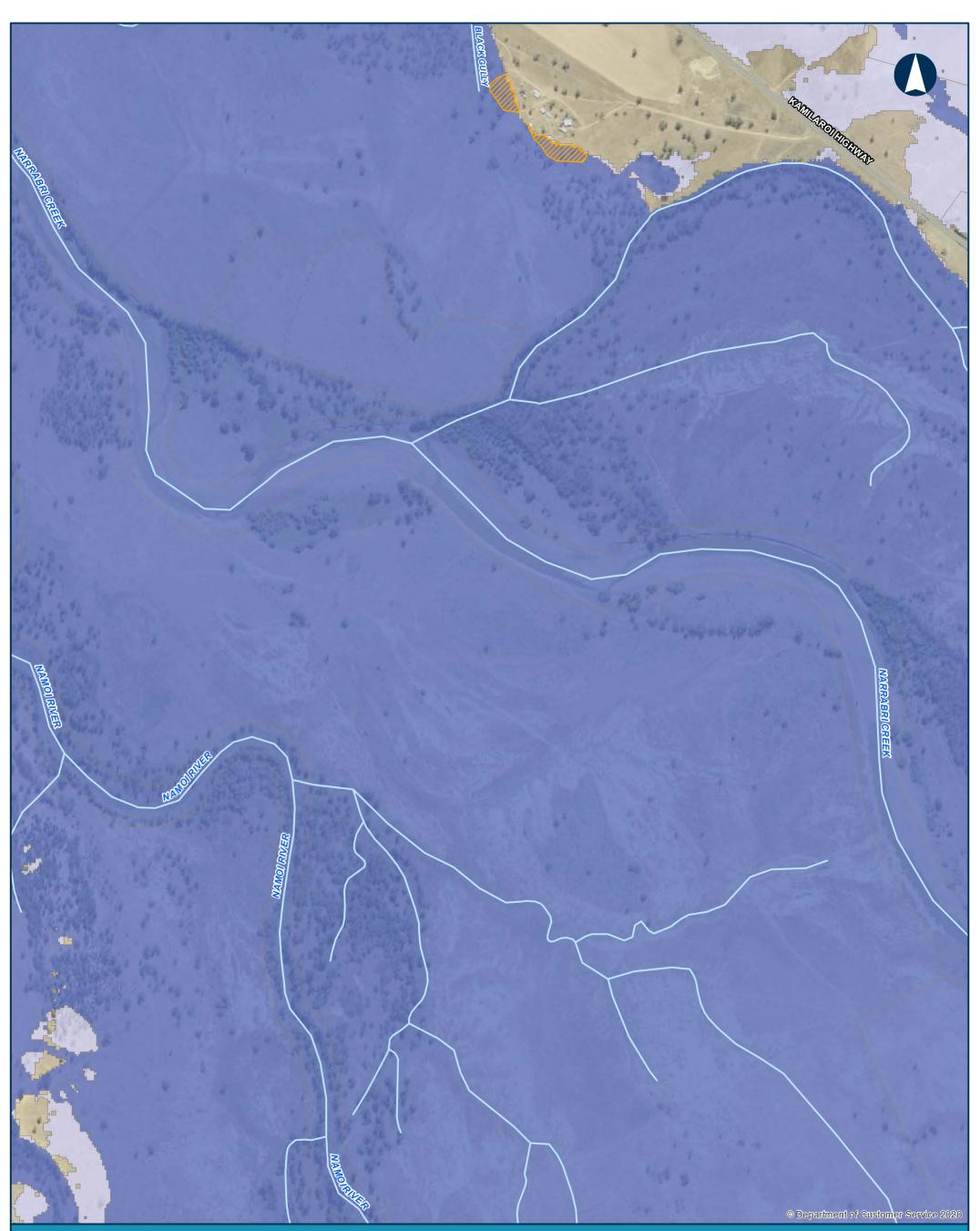
Appendix B - Figure 3.8.14



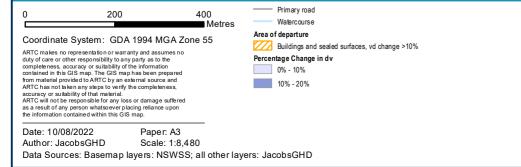




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



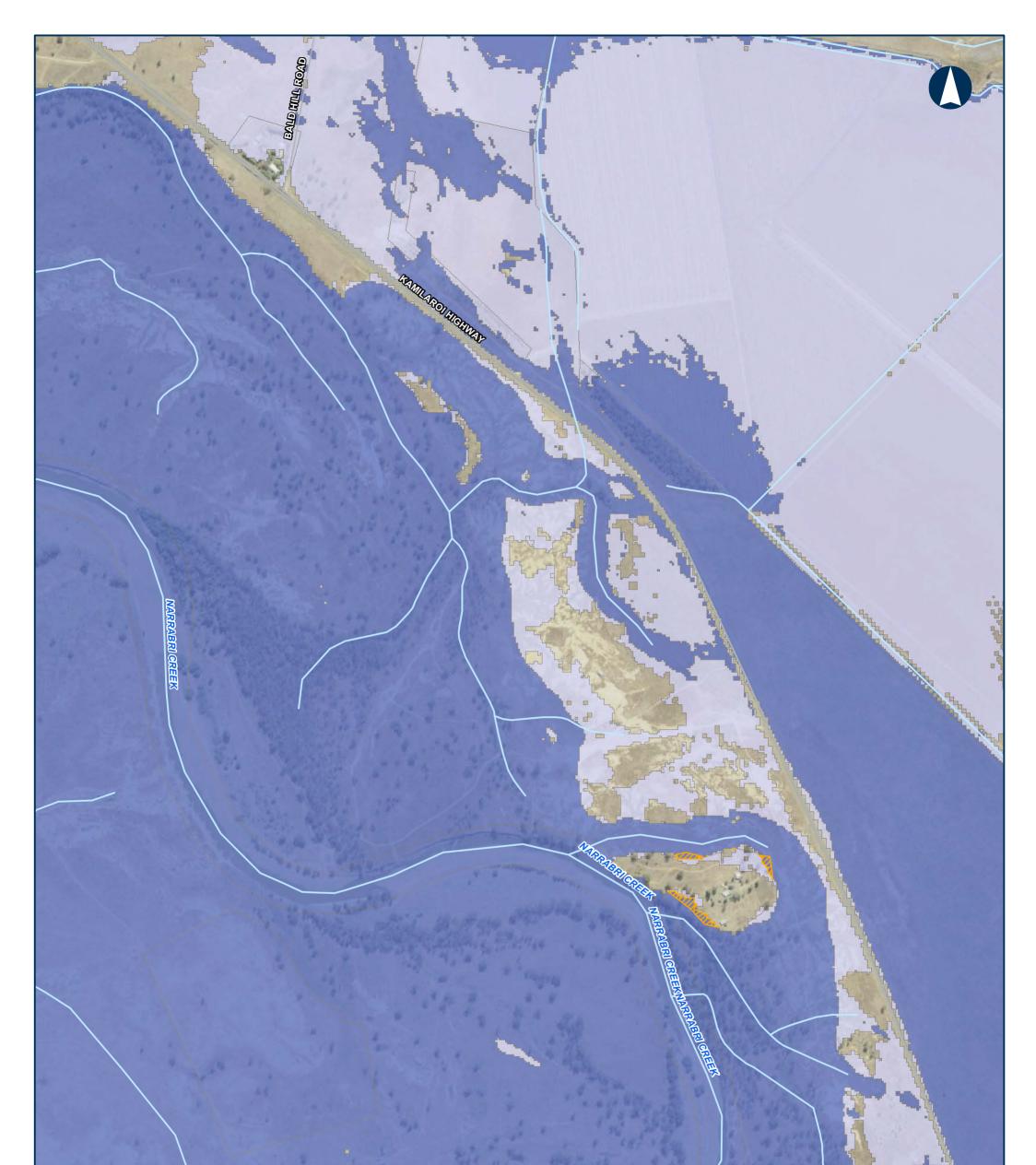
Appendix B - Figure 3.8.15







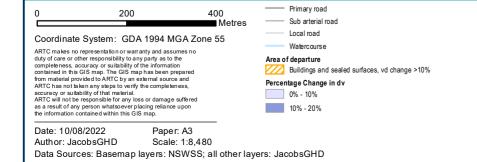
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NARROMINE TO NARRABRI QDL departures - Hazard - 1% AEP with blockage - Narrabri Regional

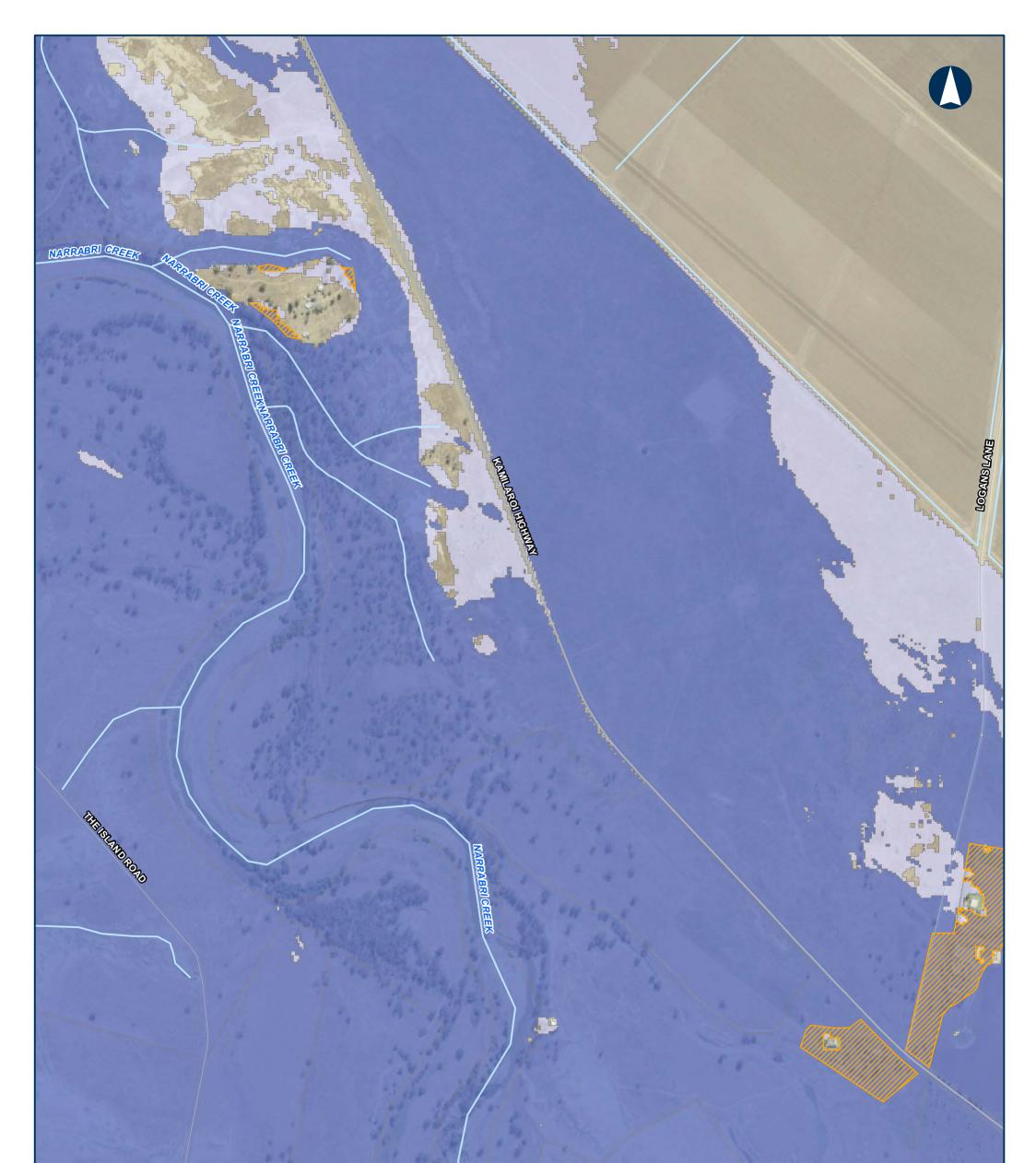
Appendix B - Figure 3.8.16







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Appendix B - Figure 3.8.17

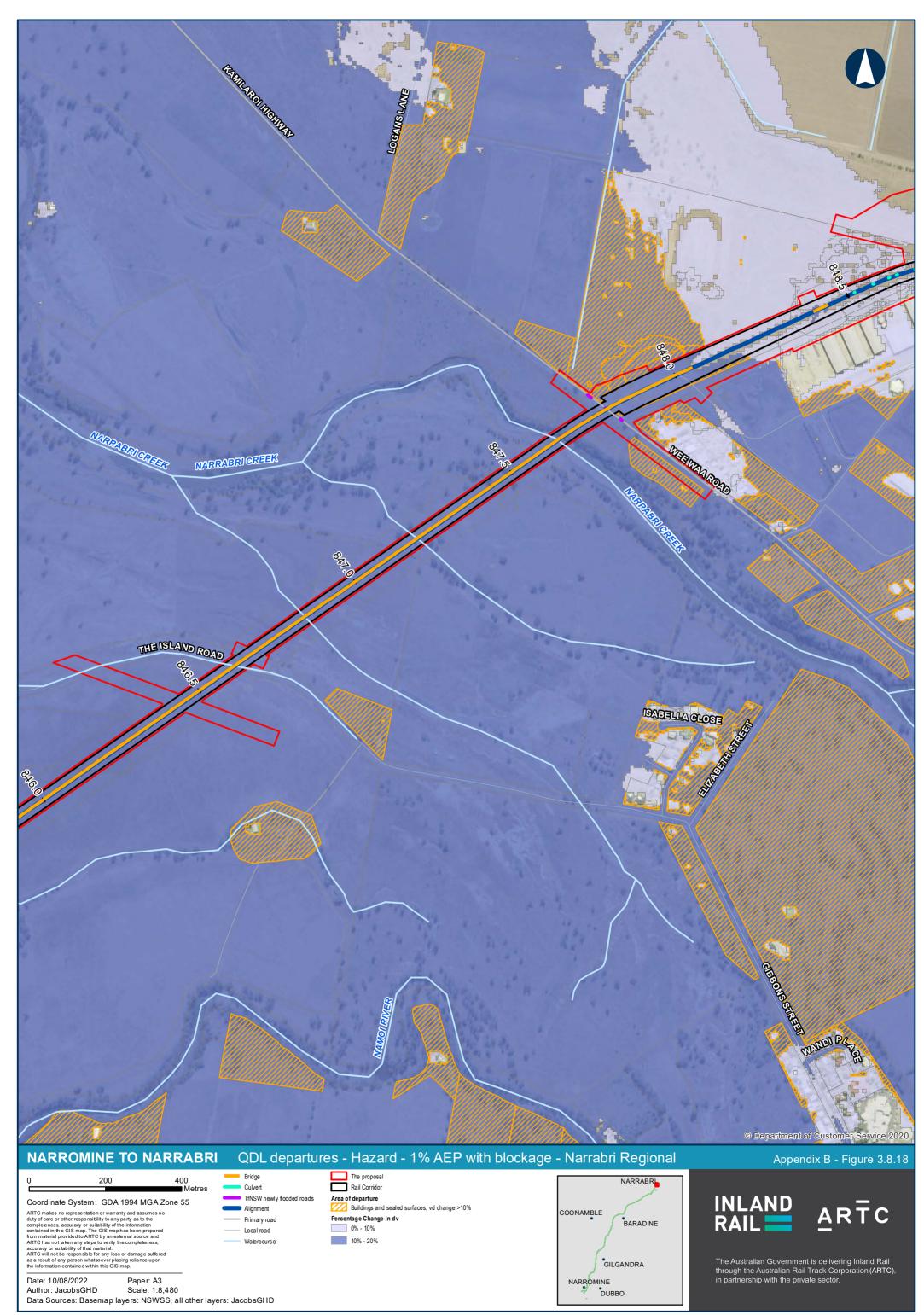
0	200	40	00		Primary road
	200		Metres		Local road
Coordinate System: GDA 1994 MGA Zone 55 ARTC makes no representation or warranty and assumes no duty of care or other responsibility to any party as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map 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 whatsover photcing reliance upon					Watercourse f departure Buildings and sealed surfaces, vd change >10% tage Change in dv 0% - 10% 10% - 20%
Date: 10/0 Author: Ja	contained within this GIS n	Paper: A3 Scale: 1:8,480	I other layer	s: Jac	cobsGHD





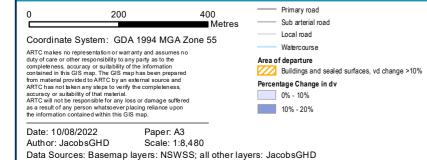
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Appendix B - Figure 3.8.19





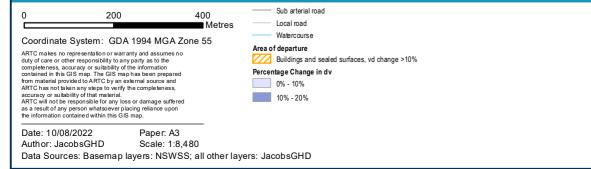
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NARROMINE TO NARRABRI QDL departures - Hazard - 1% AEP with blockage - Narrabri Regional

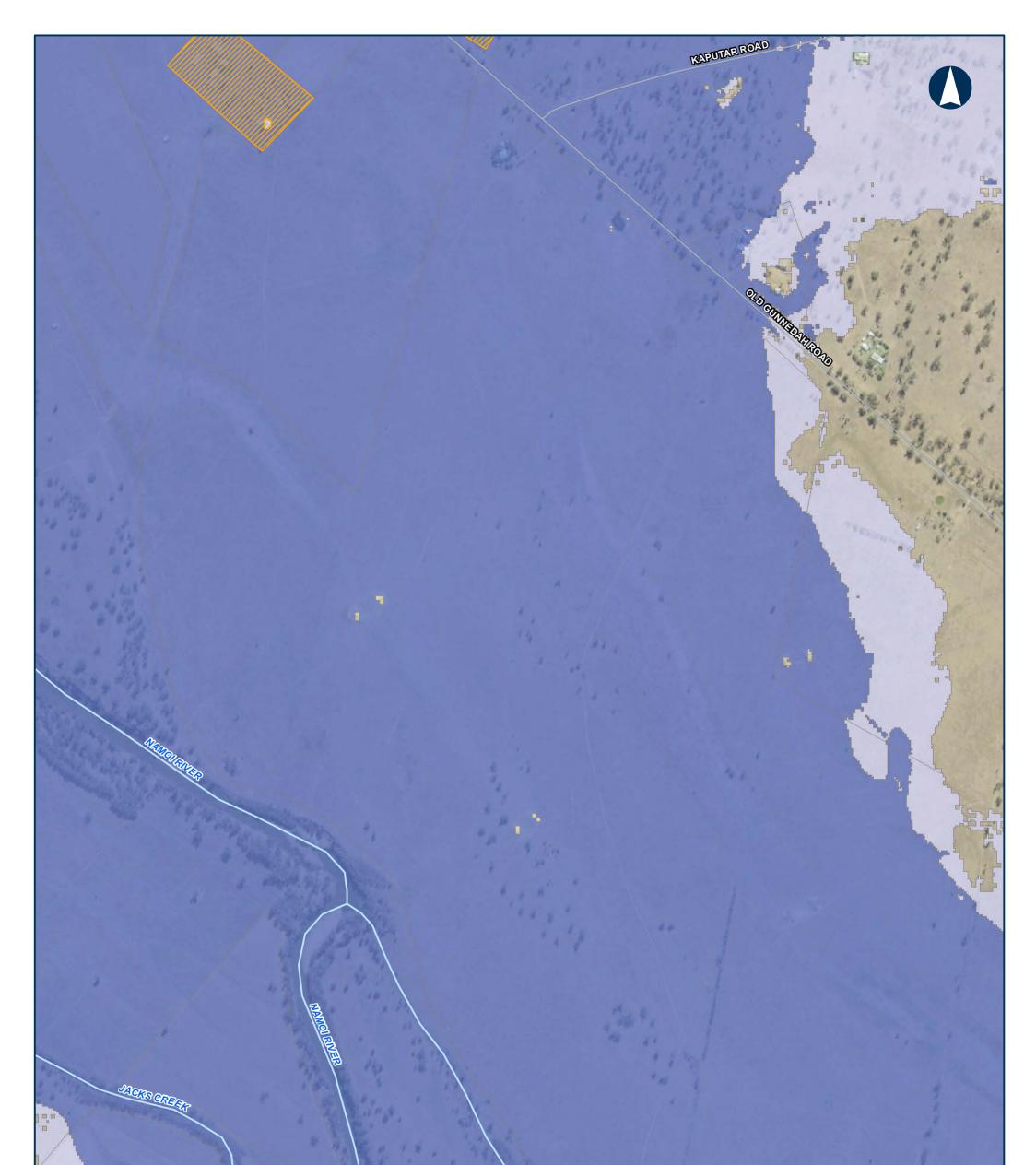
Appendix B - Figure 3.8.20





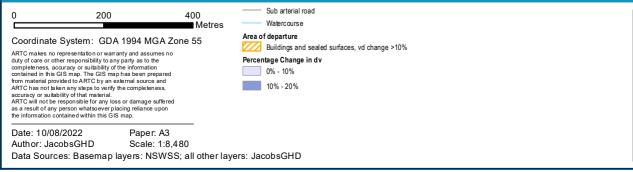


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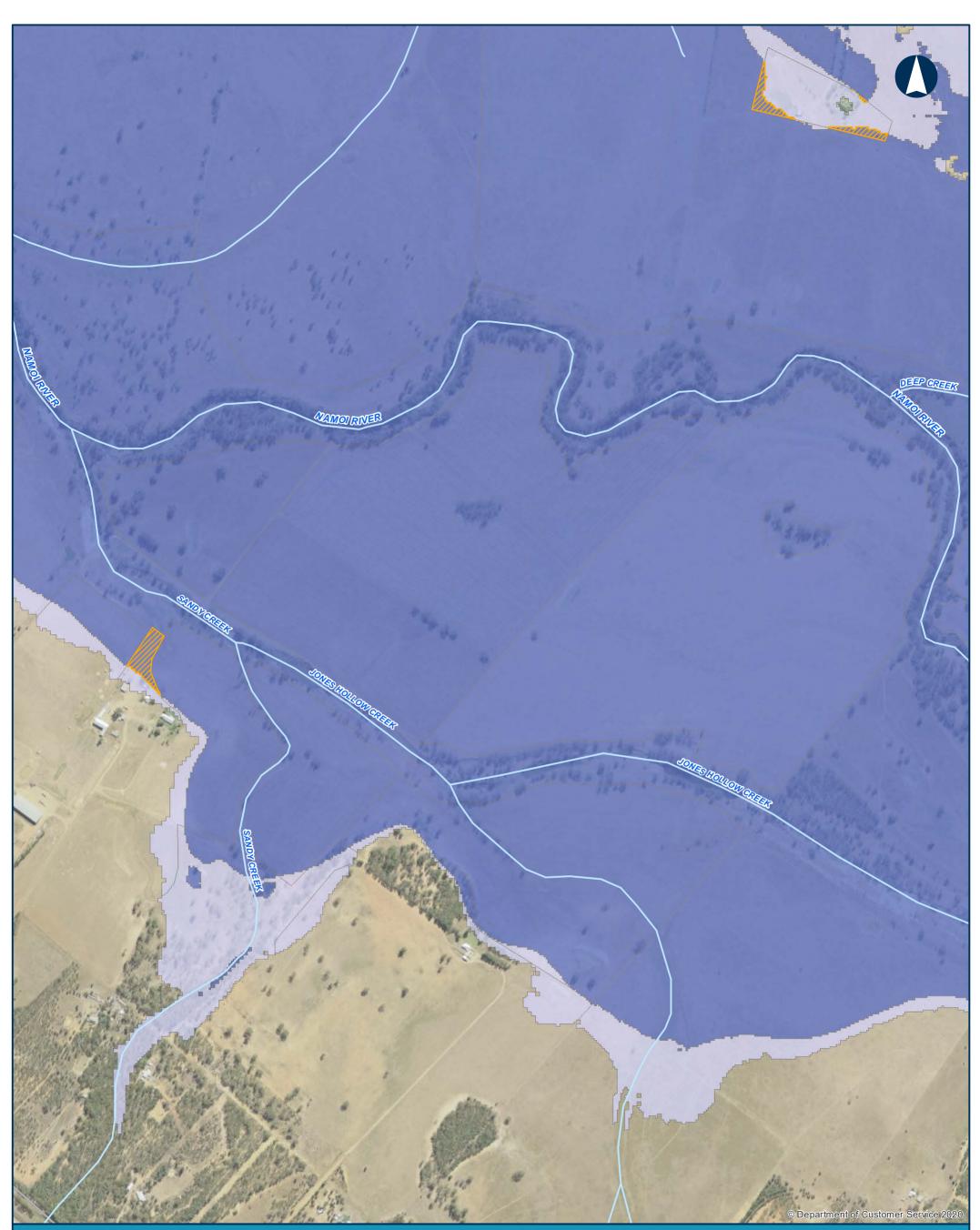
Appendix B - Figure 3.8.21







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



Appendix B - Figure 3.8.22

0 200) 4	400 ■ Metres		Primary road Local road
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.				Watercourse of departure Buildings and sealed surfaces, vd change >10% entage Change in dv 0% - 10% 10% - 20%
Date: 10/08/2022 Author: JacobsGHD Data Sources: Basema	Paper: A3 Scale: 1:8,480 p layers: NSWSS; a		s: Jac	cobsGHD

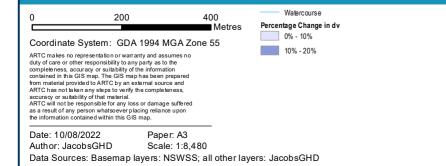


INLAND ARTC

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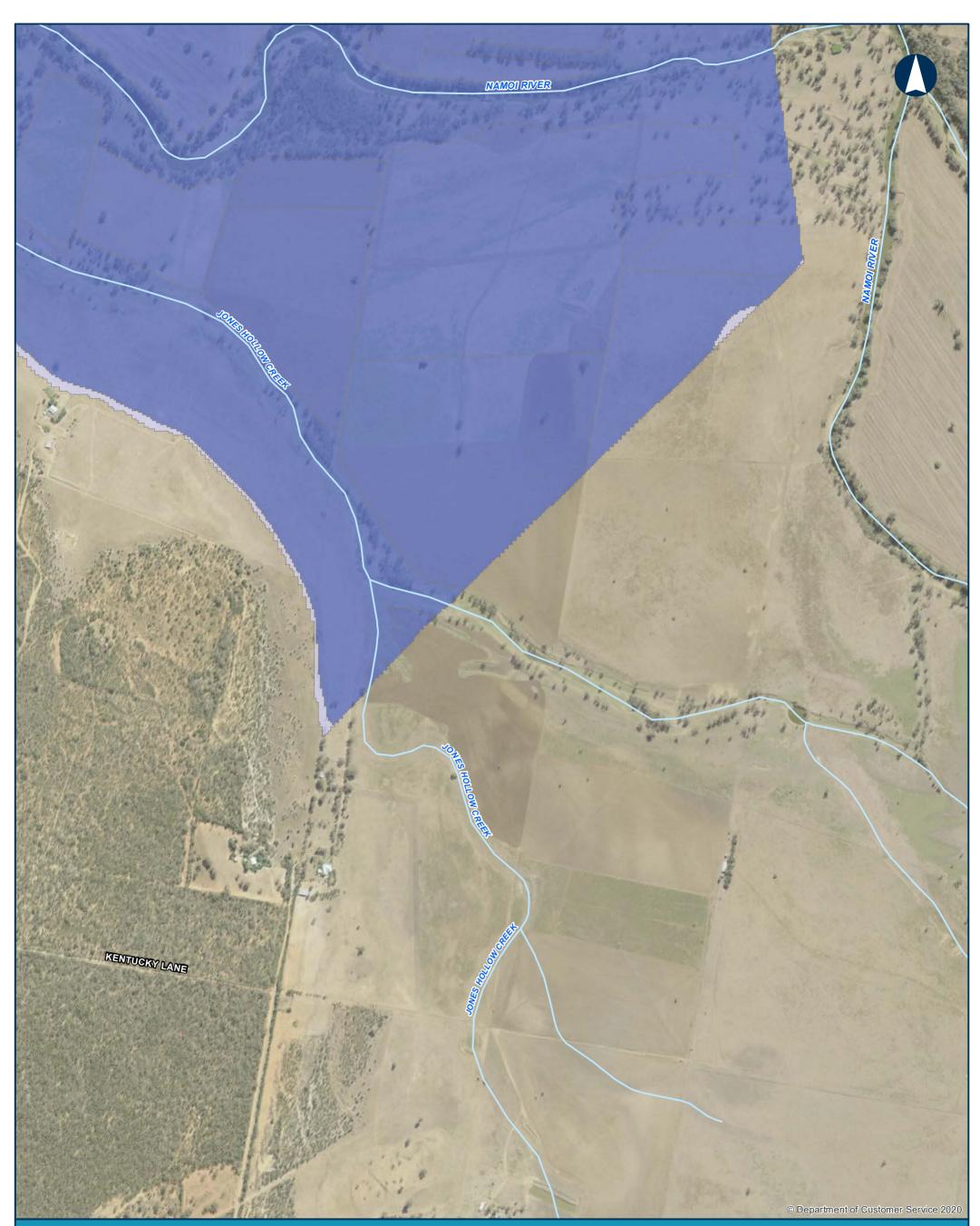
Appendix B - Figure 3.8.23



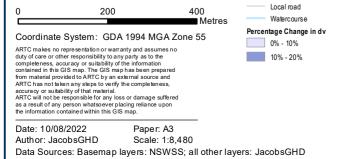




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Appendix B - Figure 3.8.24

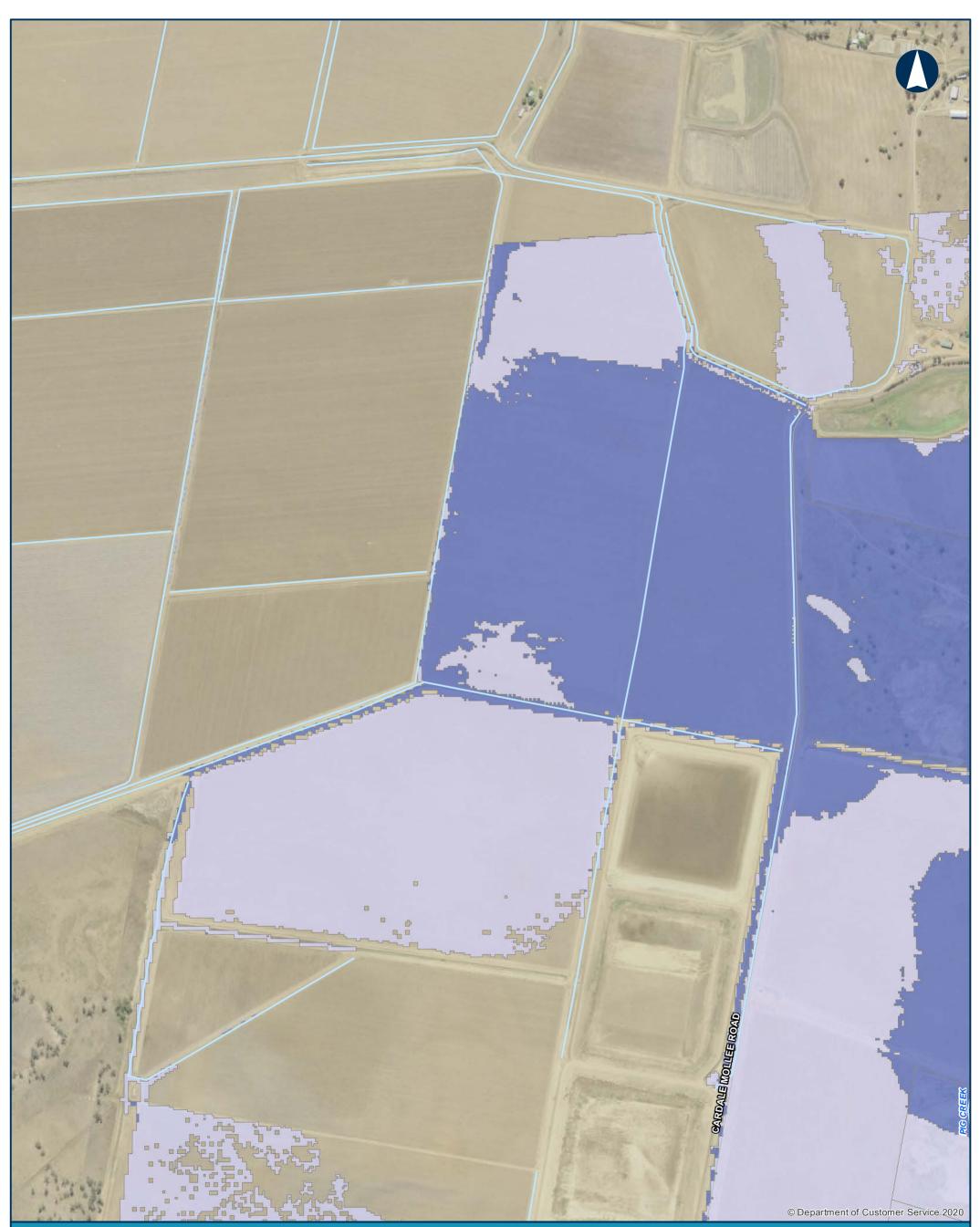




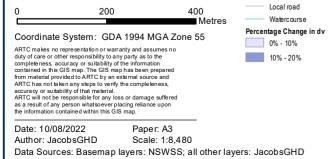




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Appendix B - Figure 3.8.25

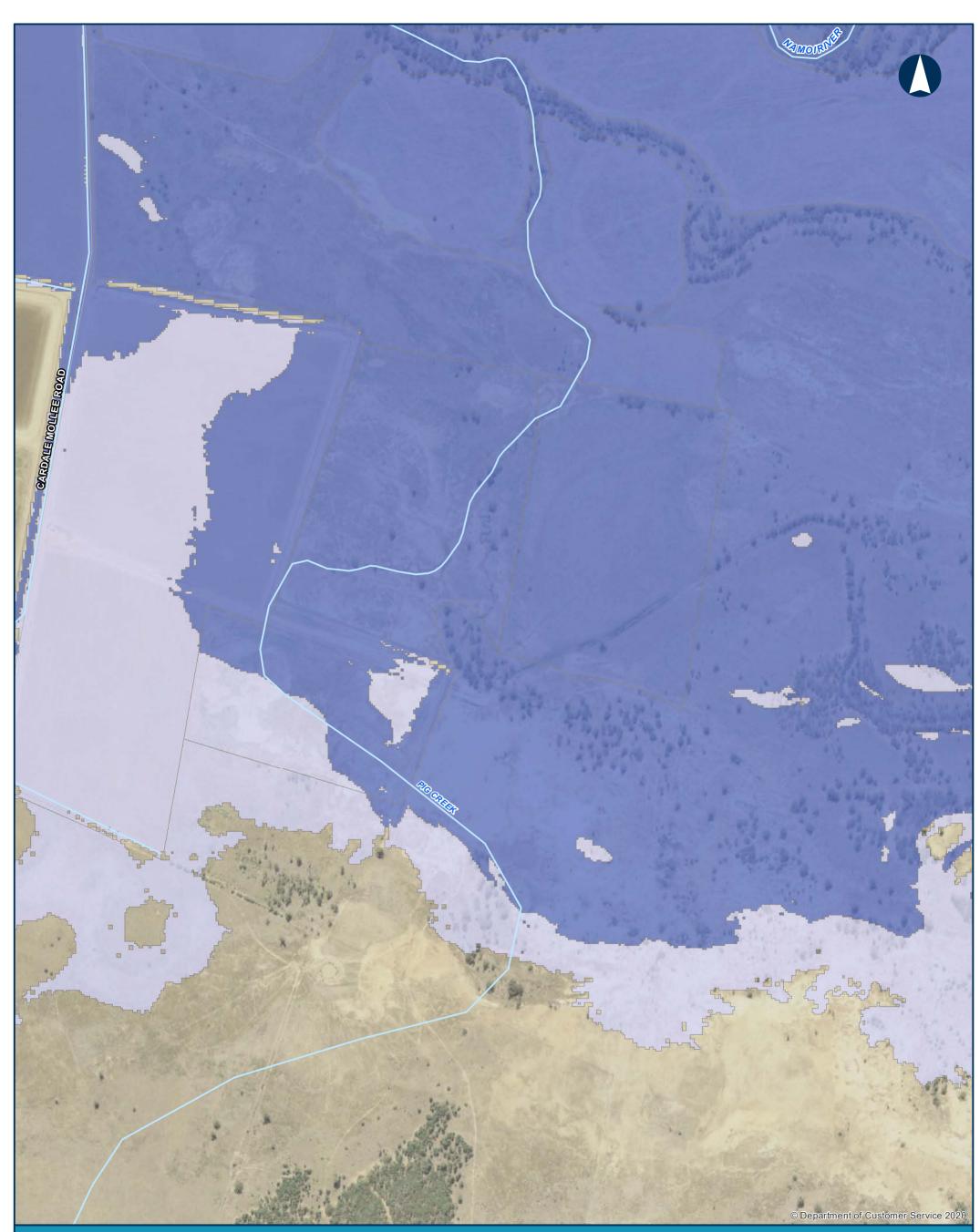




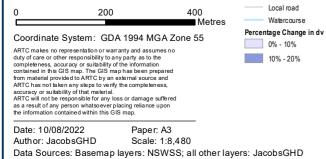
NARRAB COONAMBLE BARADINE GILGANDRA DUBBO



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



Appendix B - Figure 3.8.26





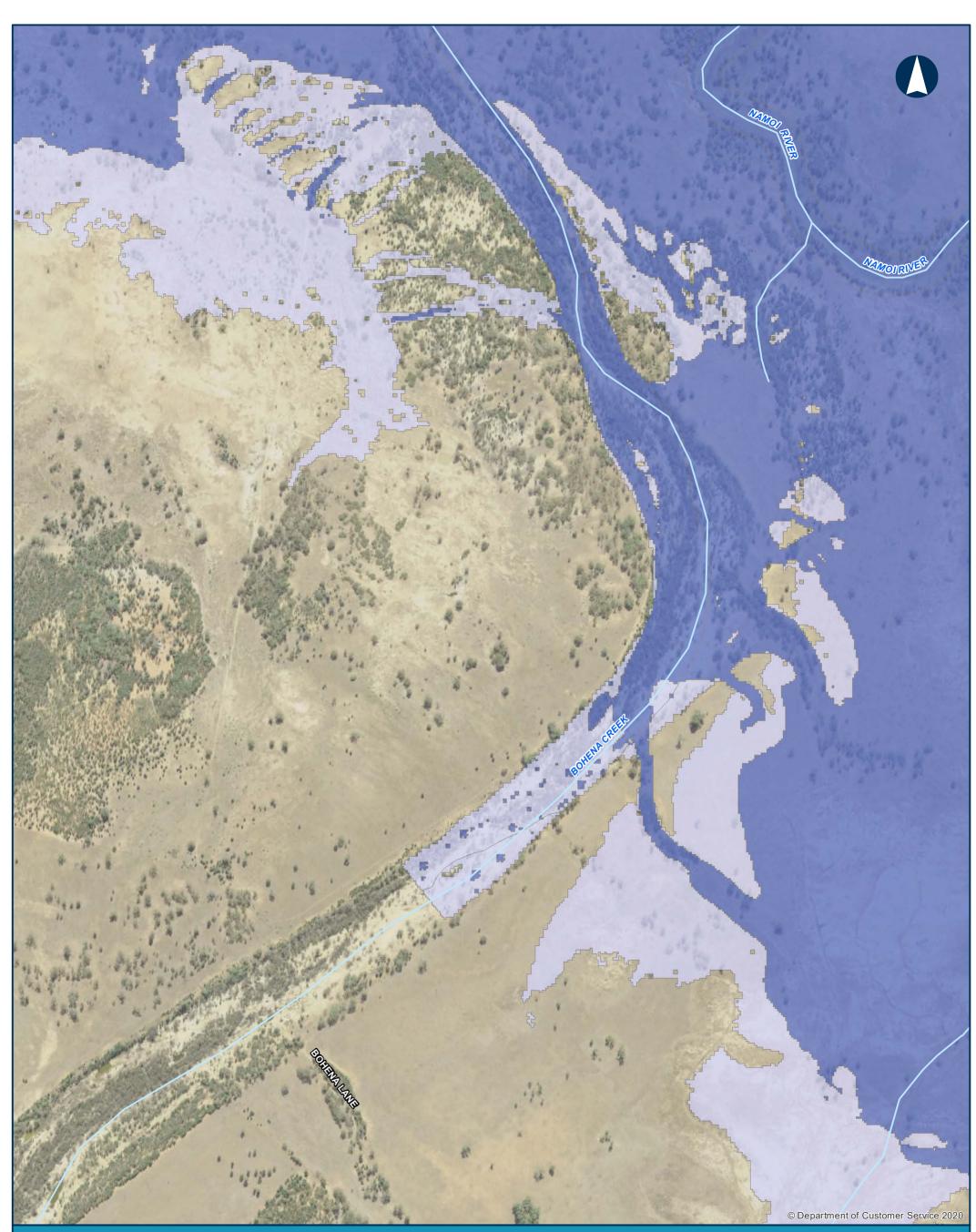




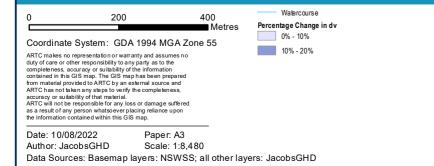




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Appendix B - Figure 3.8.27







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MAMOURINER			Department of Customer Service 2020
NARROMINE TO NARRABRI QDL departures - Hazard - 1% AEP with blockage - Narrabri Regional			Appendix B - Figure 3.8.29

0	200	40	0 Metres		Primary road Local road
ARTC makes no r duty of care or oth completeness, ac contained in this C from material prov ARTC has not tak accuracy or suitat ARTC will not be as a result of any	Coordinate System: GDA 1994 MGA Zone ARTC makes no representation or warranty and assumes no tity of care or other responsibility to any party as to the completeness, accuracy or suitability of the information ontained in this GIS map. The GIS map has been prepared form 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.				Watercourse a of departure Buildings and sealure sentage Change in dv 0% - 10% 10% - 20%
Date: 10/08 Author: Jac Data Sourc		per: A3 ale: 1:8,480 : NSWSS; all	otherlayers	s: Jac	cobsGHD

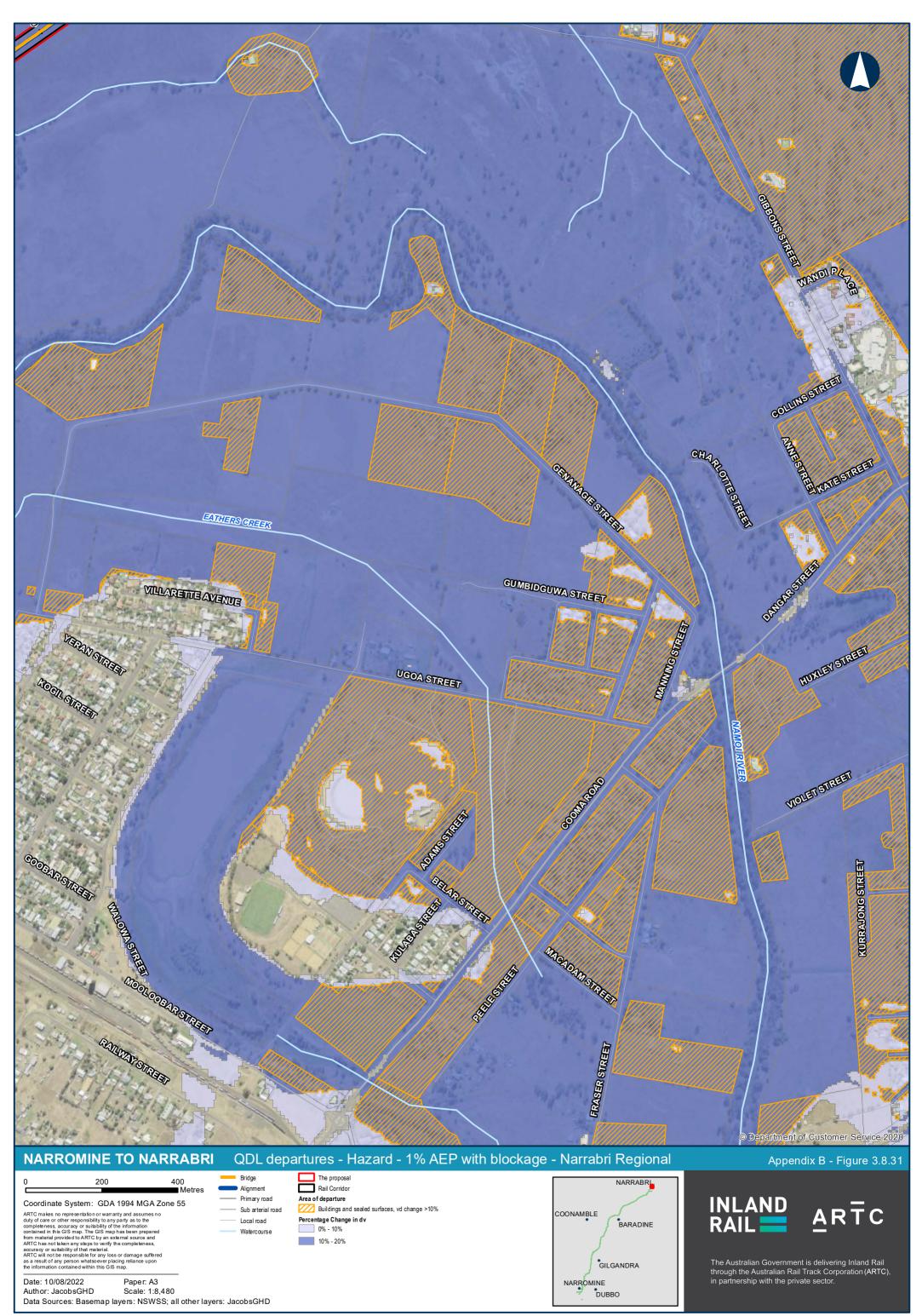
Primary road
Local road
Watercourse
Area of departure
Buildings and sealed surfaces, vd change >10%
Percentage Change in dv
0% - 10%
10% - 20%

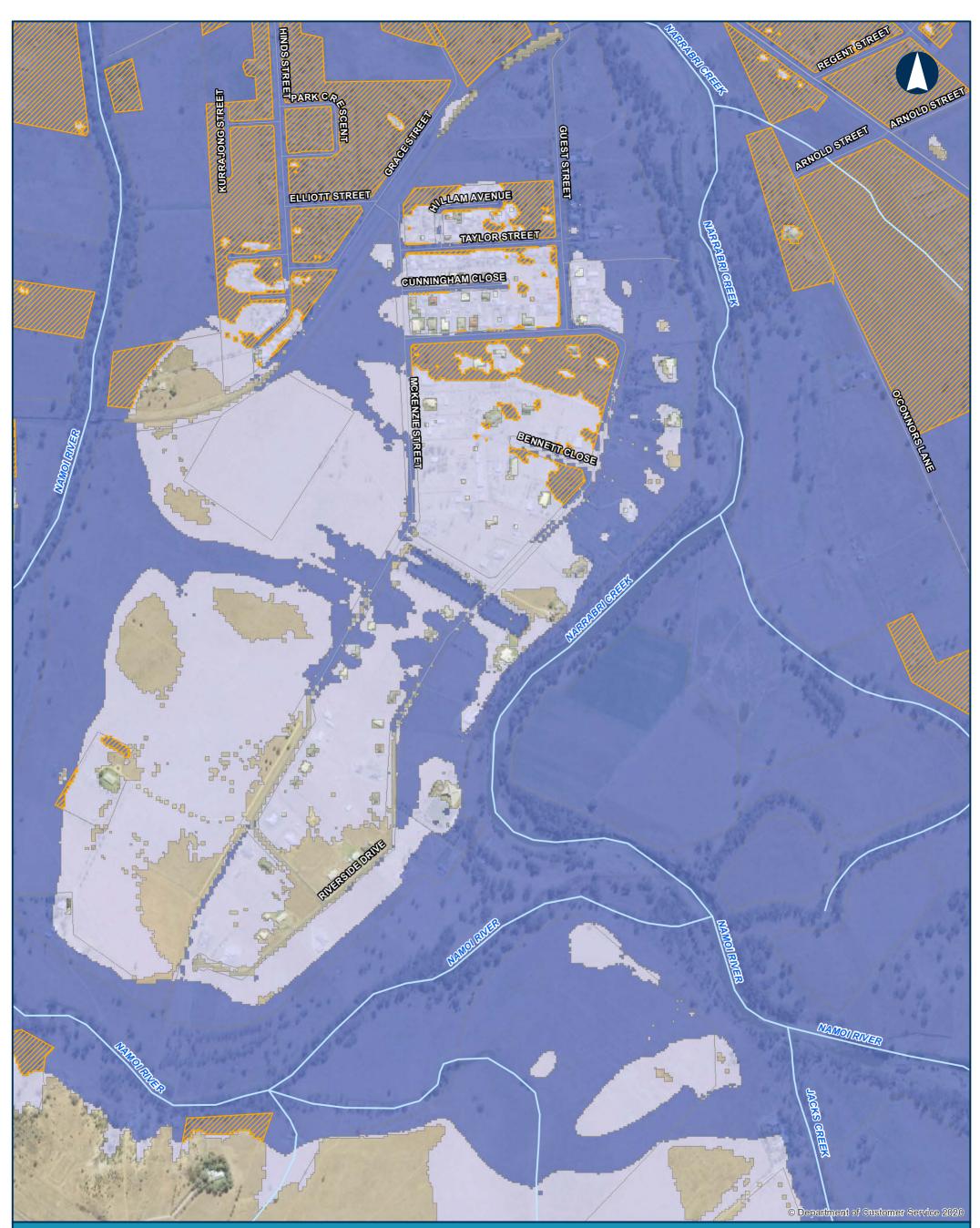




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.







QDL departures - Hazard - 1% AEP with blockage - Narrabri Regional NARROMINE TO NARRABRI

Appendix B - Figure 3.8.32

0	200	400 Metres	Sub arterial road Local road
ARTC makes no re duty of care or oth completeness, acc contained in this G from material prov ARTC has not take accuracy or suitab ARTC will not be r as a result of any p	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.		Watercourse Area of departure Buildings and seal Percentage Change in dv 0% - 10% 10% - 20%
Date: 10/08 Author: Jaco Data Source		per: A3 ale: 1:8,480 NSWSS; all other la	ayers: JacobsGHD

Sub arterial road					
Local road					
Watercourse					
Area of departure					
Buildings and sealed surfaces, vd change >10	%				
Percentage Change in dv					
00/ 100/					





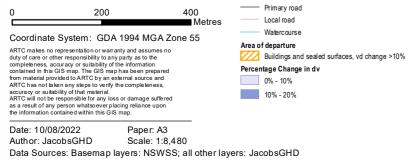


INLAND RAIL ARTC

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



Appendix B - Figure 3.8.33









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



Appendix B - Figure 3.8.34

0	200	40	0 Metres		Primary road Local road	
ARTC makes no duty of care or oth completeness, ac contained in this from material prov ARTC has not tal accuracy or suital ARTC will not be as a result of any	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.		55	Watercourse Area of departure Buildings and sealed Percentage Change in dv 0% - 10% 10% - 20%		
Date: 10/08 Author: Jac Data Sourc		Paper: A3 Scale: 1:8,480 ers: NSWSS; all	other laye	rs: Jao	cobsGHD	



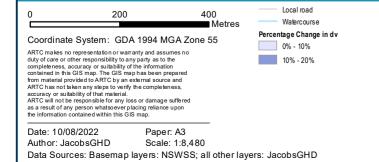




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



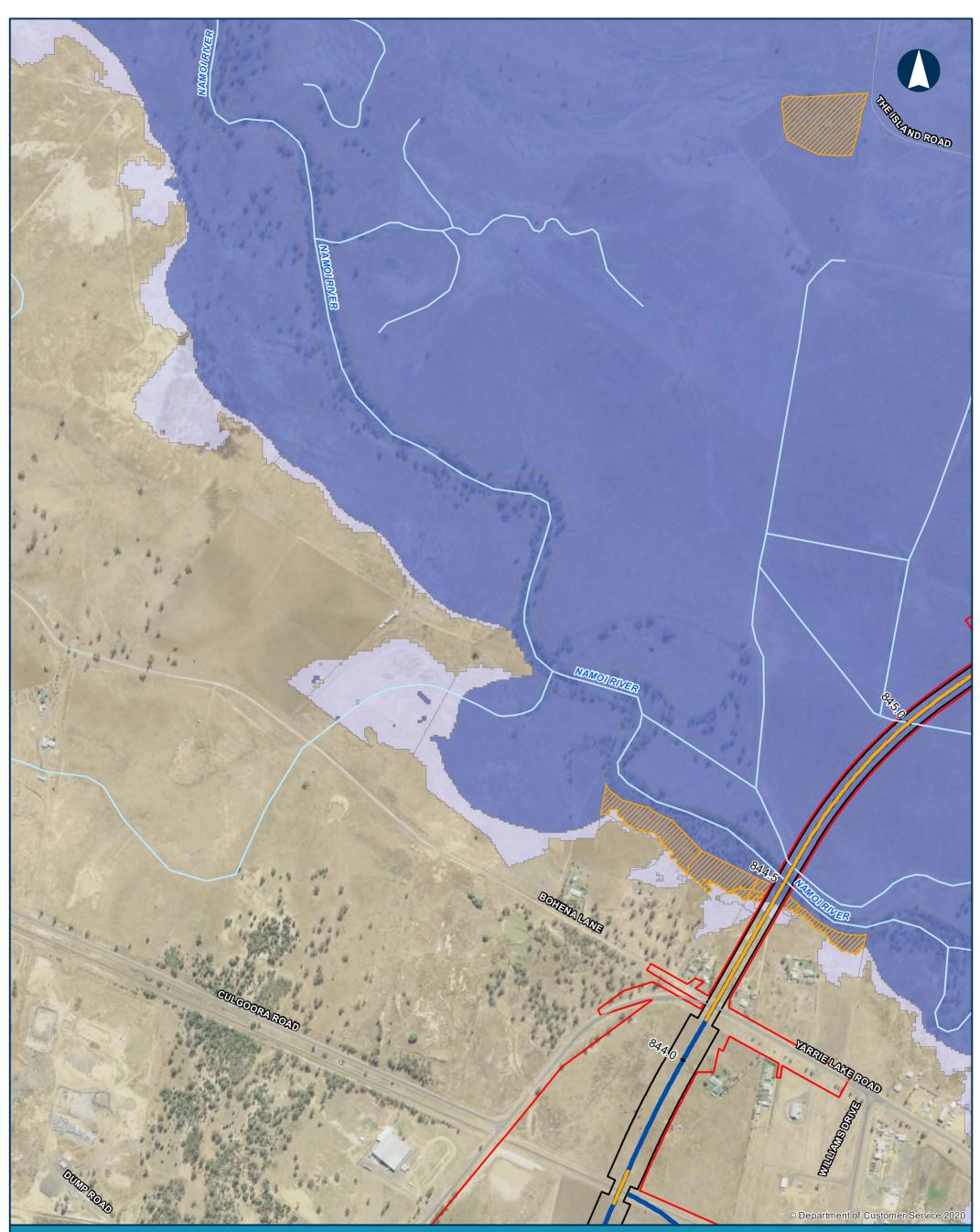
Appendix B - Figure 3.8.35



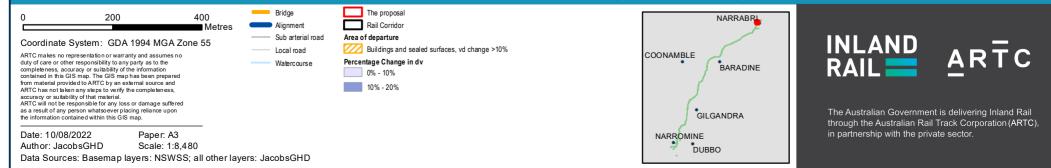


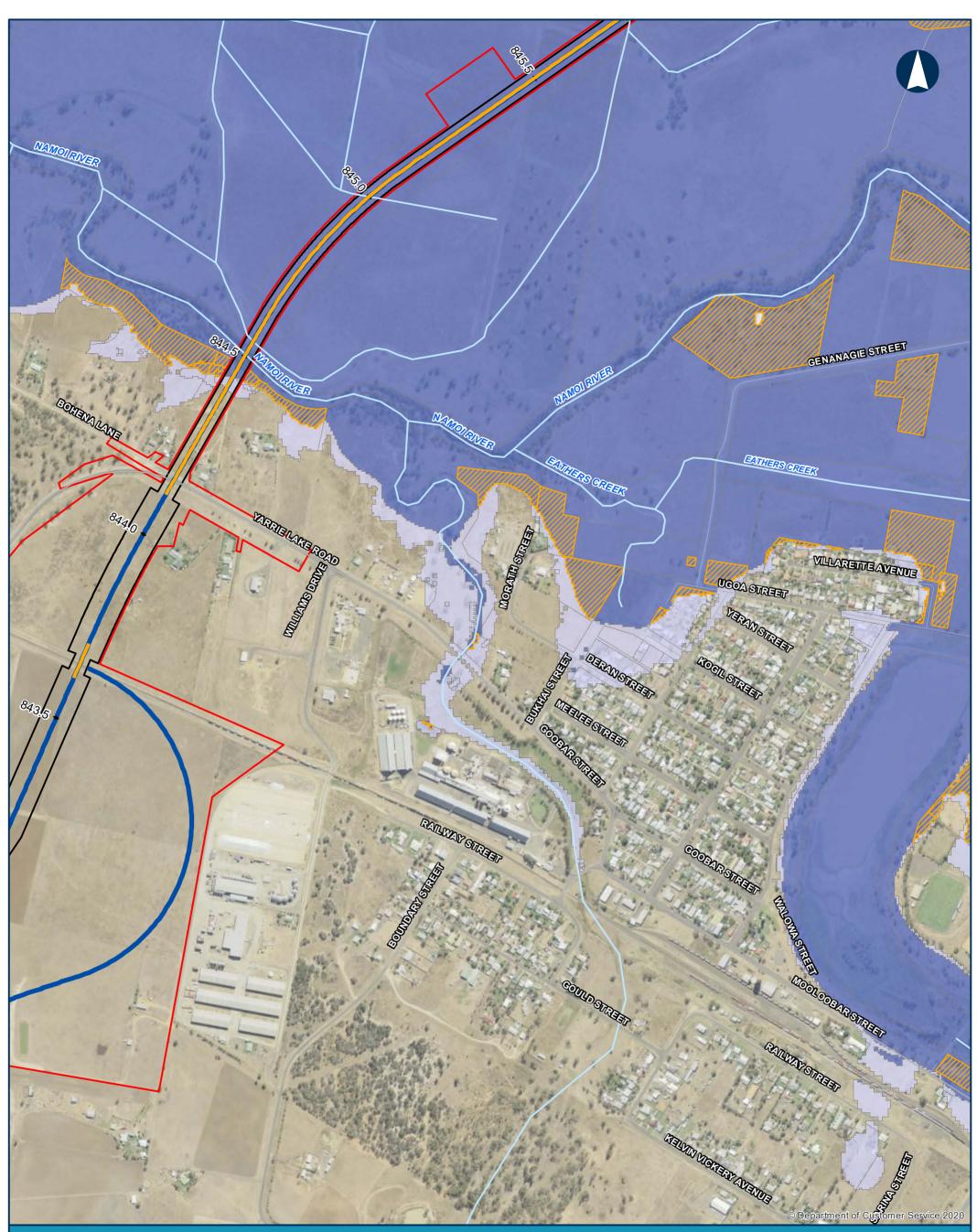


The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

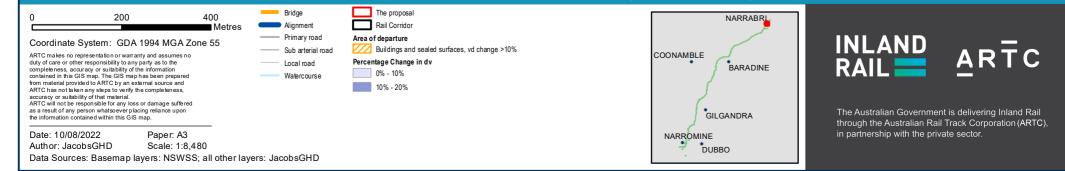


Appendix B - Figure 3.8.36



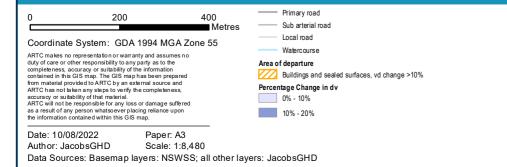


Appendix B - Figure 3.8.37





Appendix B - Figure 3.8.38







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



Appendix B - Figure 3.8.39

0	200	400	0 Metres		Primary road Local road
ARTC makes no duty of care or ot completeness, ar contained in this from material pro ARTC has not ta accuracy or suita ARTC will not be as a result of any	Coordinate System: GDA 1994 MGA Zone 5 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.			///	Watercourse f departure Buildings and sealed surfaces, vd change >10% tage Change in dv 0% - 10% 10% - 20%
Date: 10/08 Author: Jac Data Sourc	cobsGHD	Paper: A3 Scale: 1:8,480 vers: NSWSS; all	other layers	s: Jac	cobsGHD

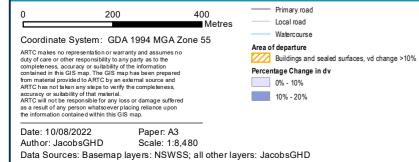




The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.



Appendix B - Figure 3.8.40







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