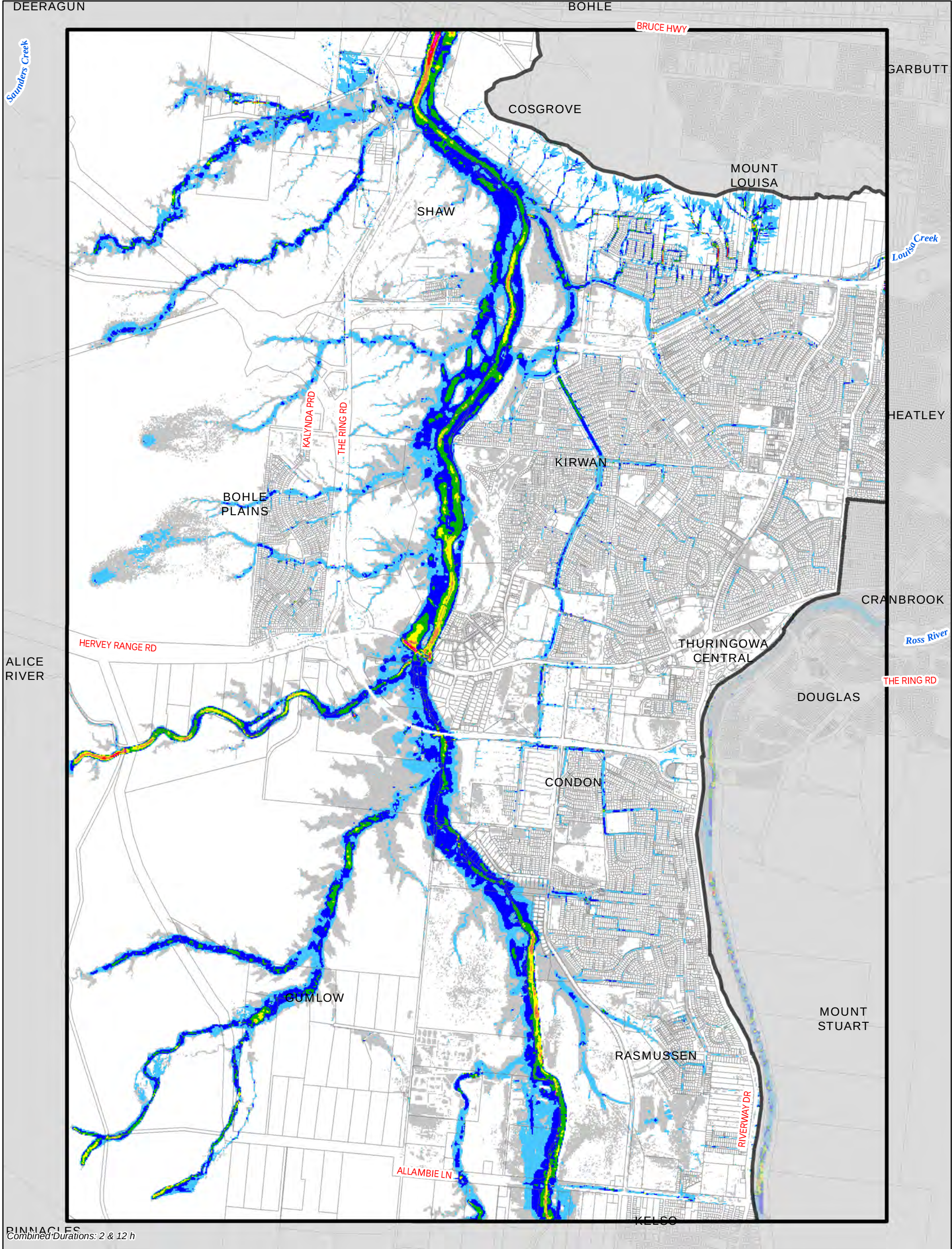
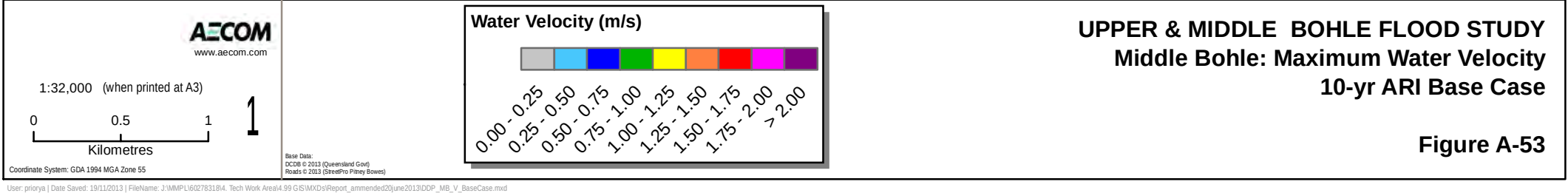
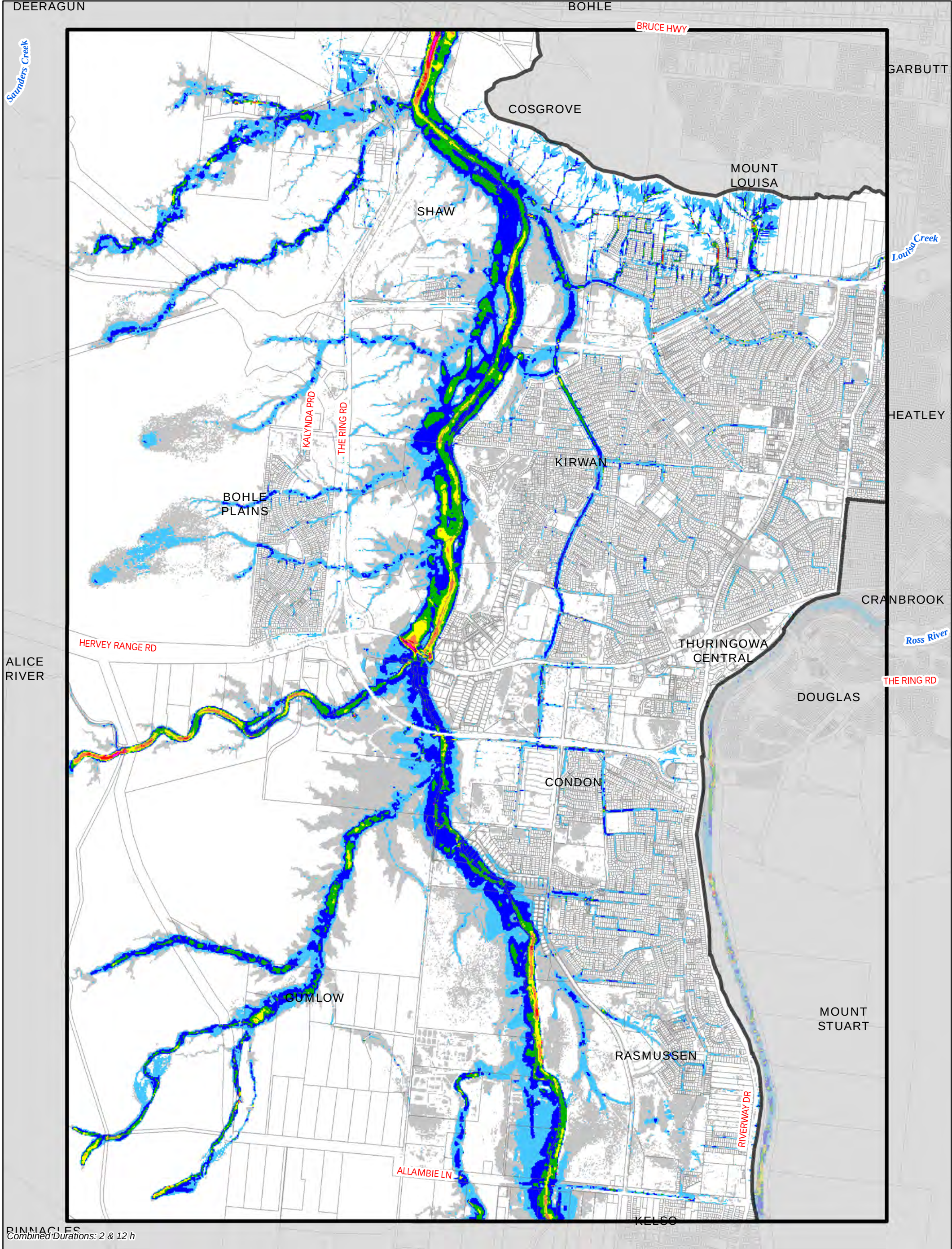
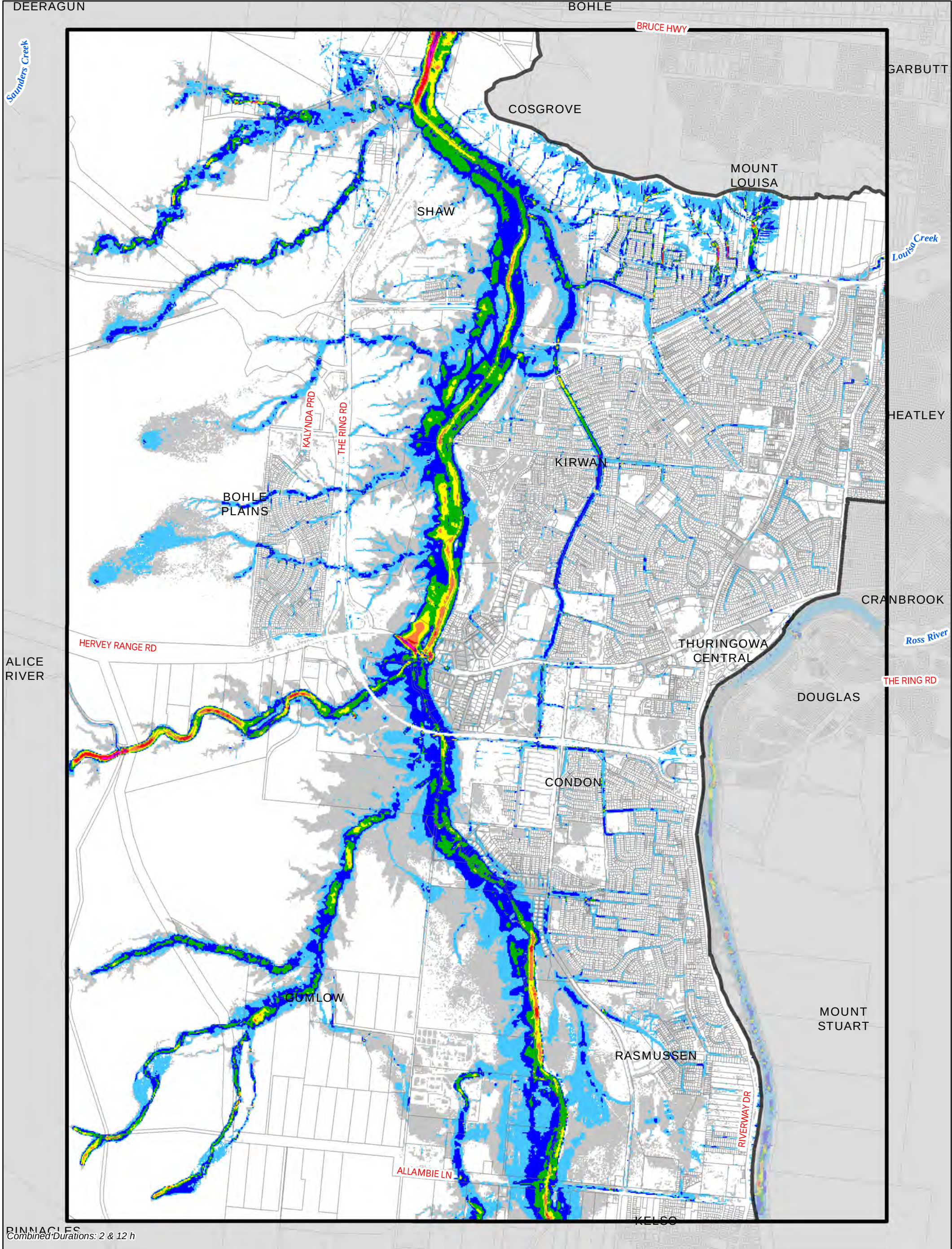








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0 0.5 1 Kilometres

Coordinate System: GDA 1994 MGA Zone 55

Water Velocity (m/s)

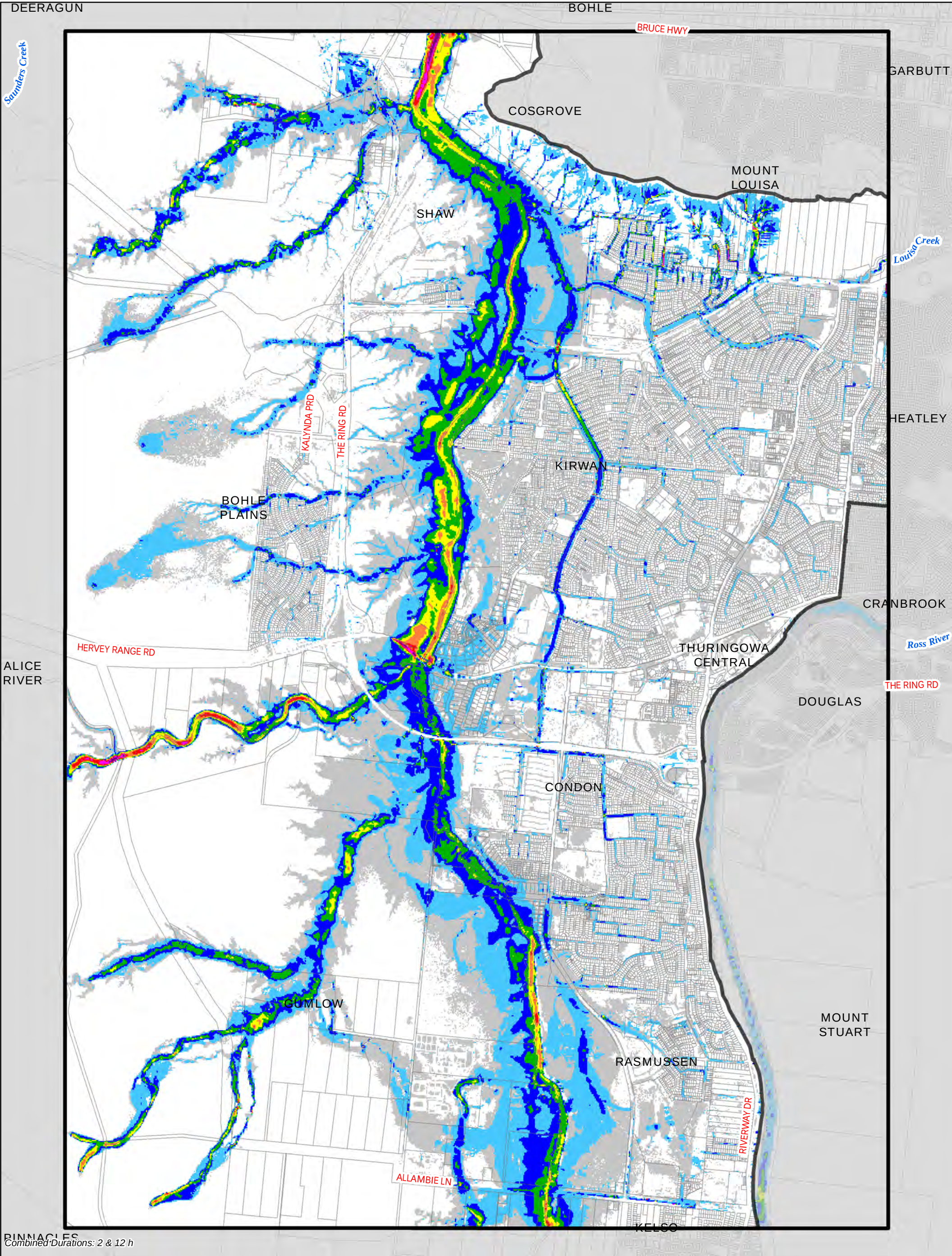
0.00 - 0.25	0.25 - 0.50	0.50 - 0.75	0.75 - 1.00	1.00 - 1.25	1.25 - 1.50	1.50 - 1.75	1.75 - 2.00	> 2.00
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UPPER & MIDDLE BOHLE FLOOD STUDY

Middle Bohle: Maximum Water Velocity

20-yr ARI Base Case

Figure A-54



PINNACLES
Combined Durations: 2 & 12 h

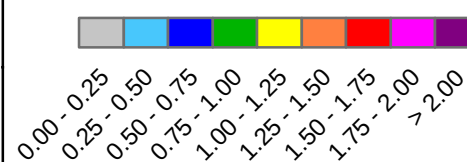
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1:32,000 (when printed at A3)

0 0.5 1
Kilometres

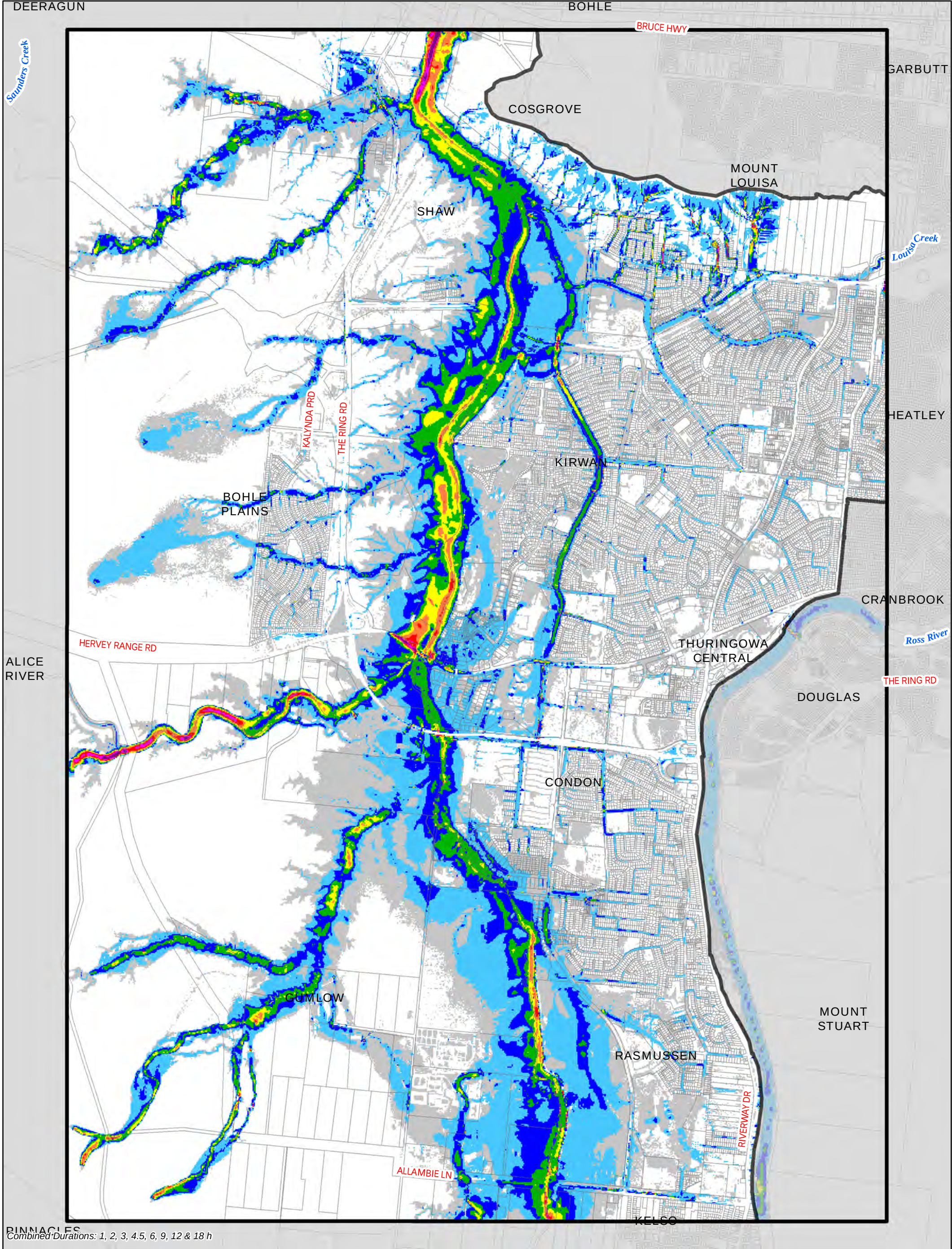
1

Water Velocity (m/s)



UPPER & MIDDLE BOHLE FLOOD STUDY
Middle Bohle: Maximum Water Velocity
50-yr ARI Base Case

Figure A-55



PINNACLES
Combined Durations: 1, 2, 3, 4.5, 6, 9, 12 & 18 h



1:32,000 (when printed at A3)

0 0.5 1 Kilometres

1

Water Velocity (m/s)

0.00 - 0.25	0.25 - 0.50	0.50 - 0.75	0.75 - 1.00	1.00 - 1.25	1.25 - 1.50	1.50 - 1.75	1.75 - 2.00	> 2.00
-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------

UPPER & MIDDLE BOHLE FLOOD STUDY

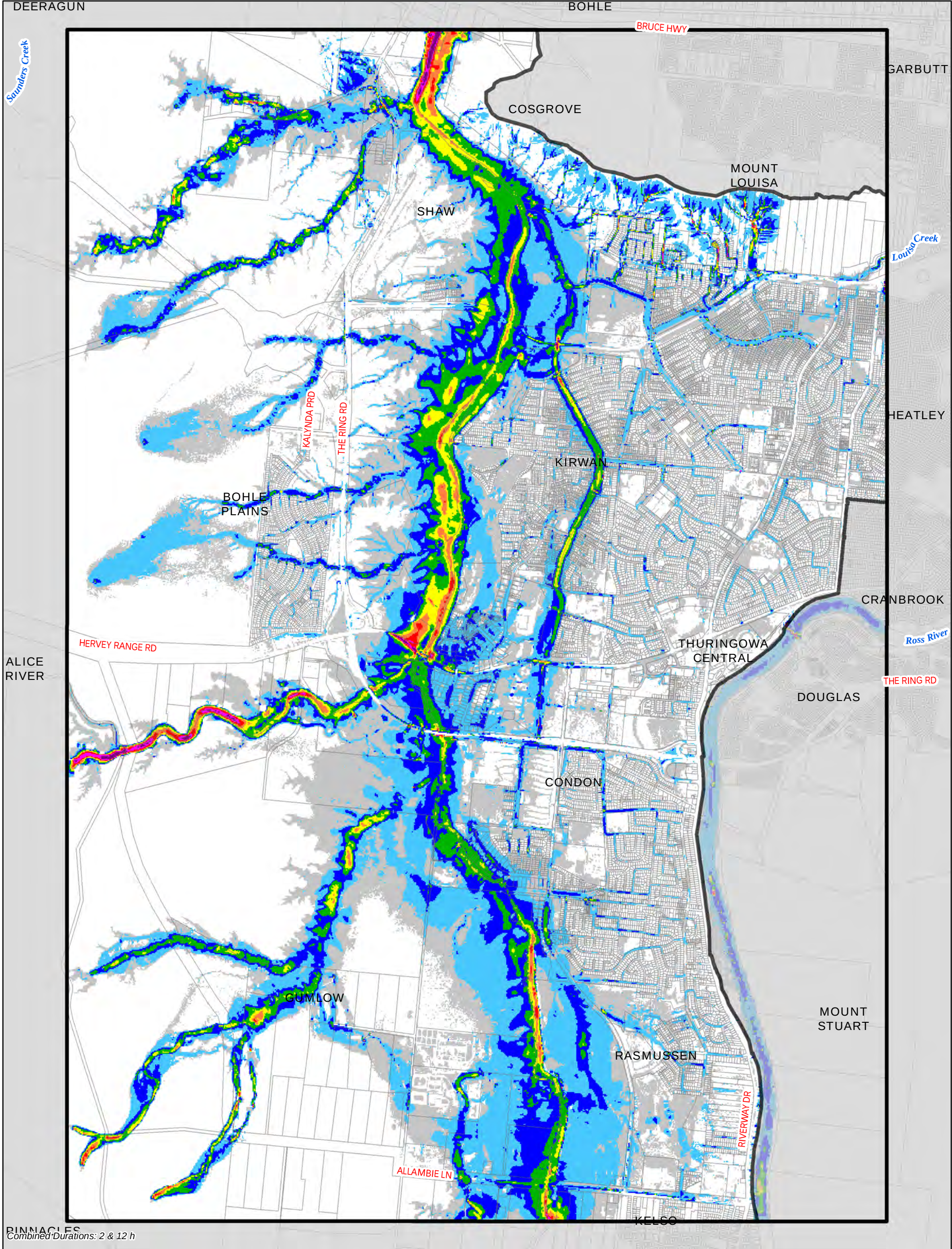
Middle Bohle: Maximum Water Velocity

100-yr ARI Base Case

Figure A-56

Base Data:
DCDR © 2013 (Queensland Govt)
Roads © 2013 (Shire of Pine Rivers)

User: priory | Date Saved: 19/11/2013 | FileName: 2\MMPL\027631814_Tech Work Area\499 GIS\MXDs\Report_amended\20June2013\CDOP_MB_V_BaseCase.mxd



PINNACLES
Combined Durations: 2 & 12 h

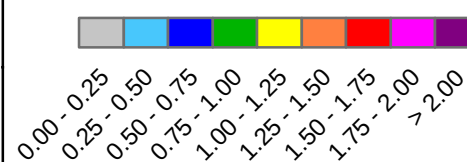
AECOM
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1:32,000 (when printed at A3)

0 0.5 1
Kilometres

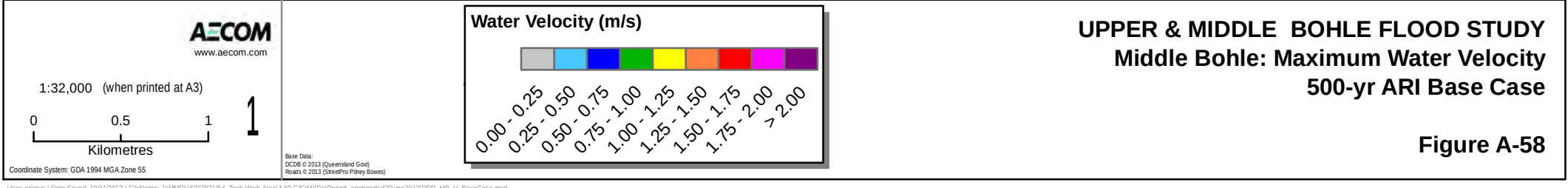
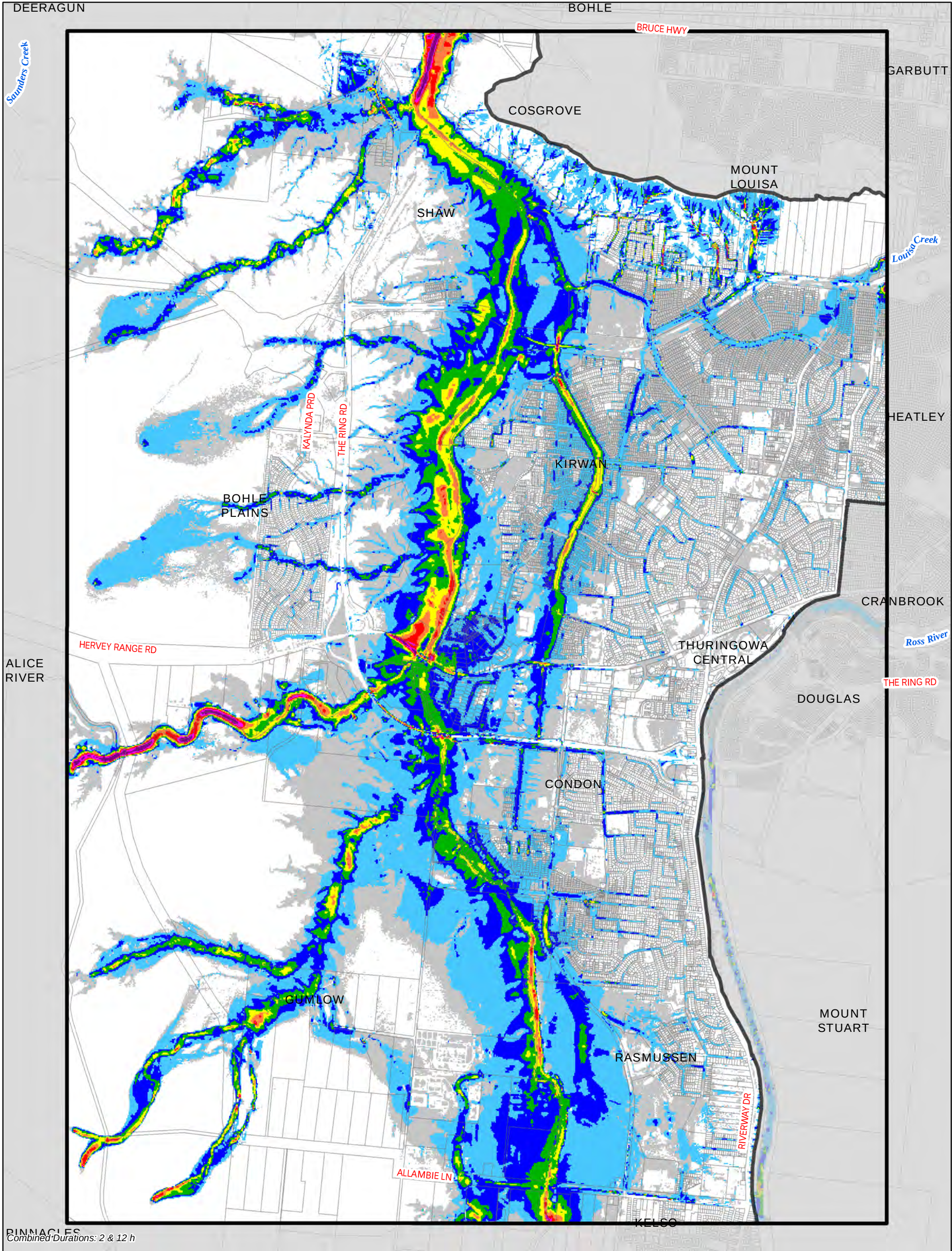
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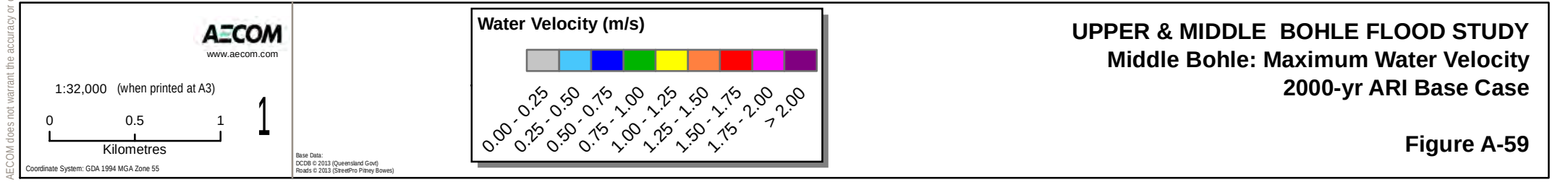
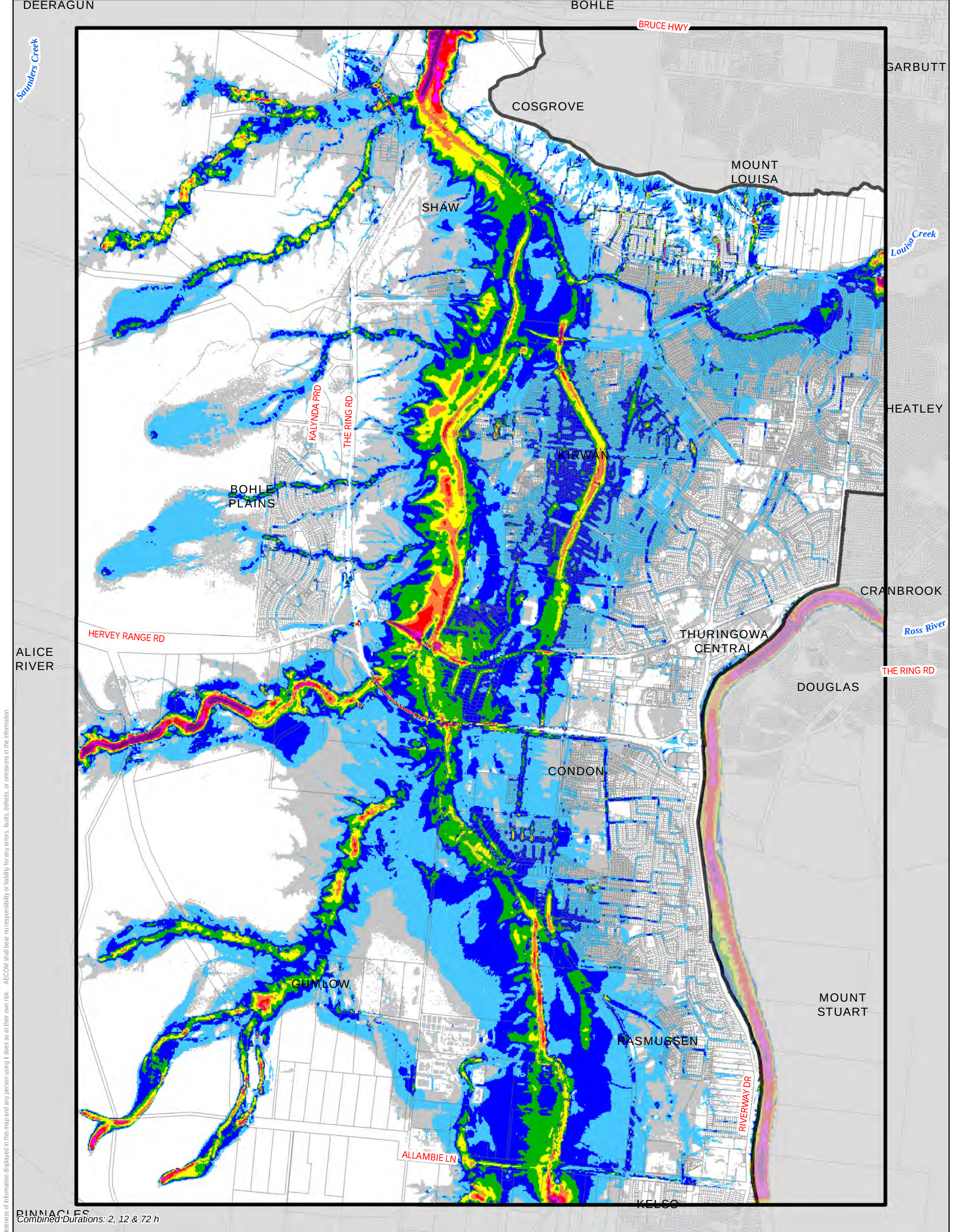
Water Velocity (m/s)

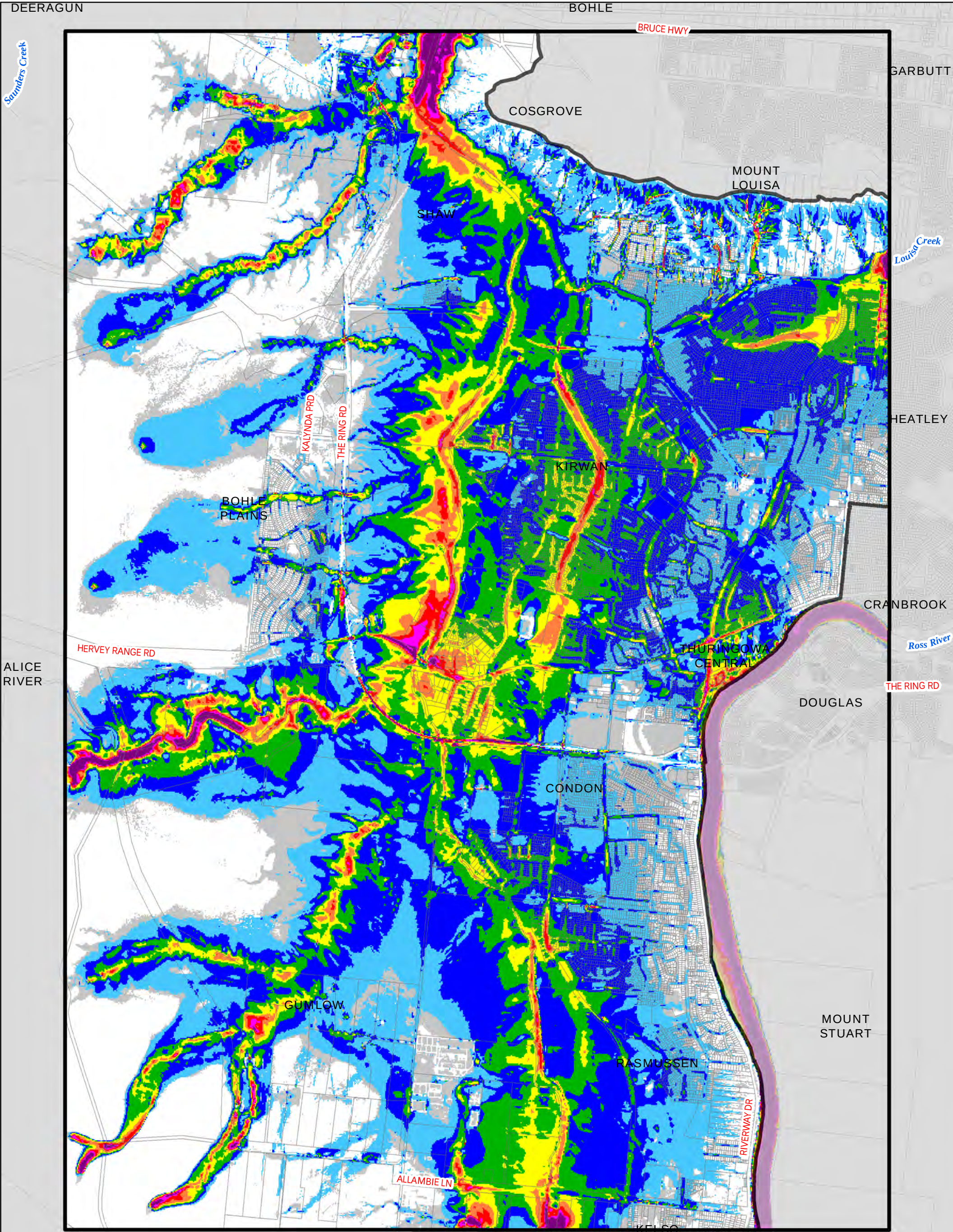


UPPER & MIDDLE BOHLE FLOOD STUDY
Middle Bohle: Maximum Water Velocity
200-yr ARI Base Case

Figure A-57







PINNACLES
Combined Durations: 2, 12 & 72 h

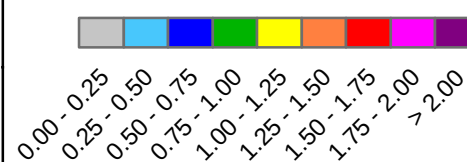
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0 0.5 1
Kilometres

1

Water Velocity (m/s)



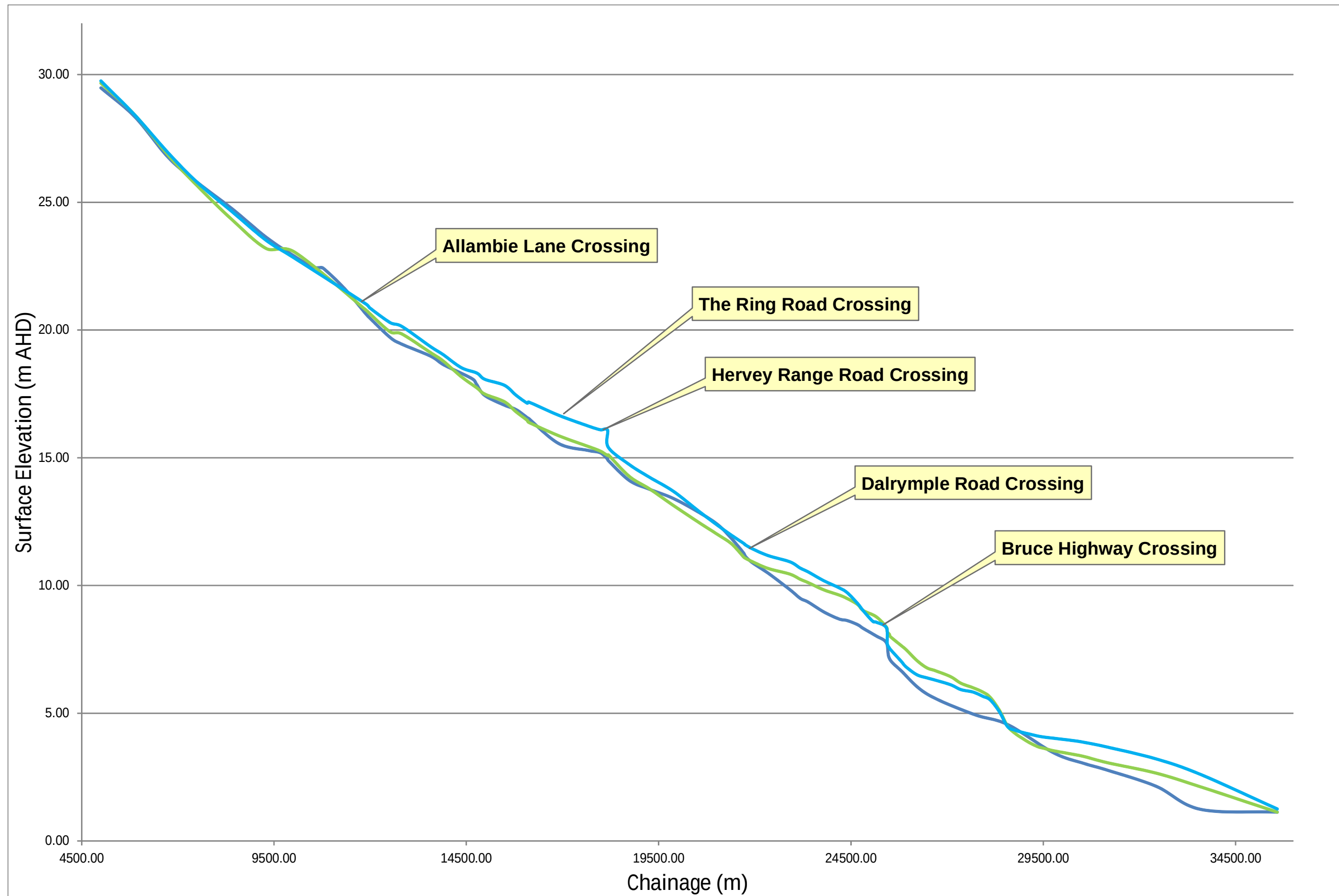
UPPER & MIDDLE BOHLE FLOOD STUDY
Middle Bohle: Maximum Water Velocity
PMF Base Case

Figure A-60

Appendix B

Long Sectional Profile for the Bohle River and Kern Drain

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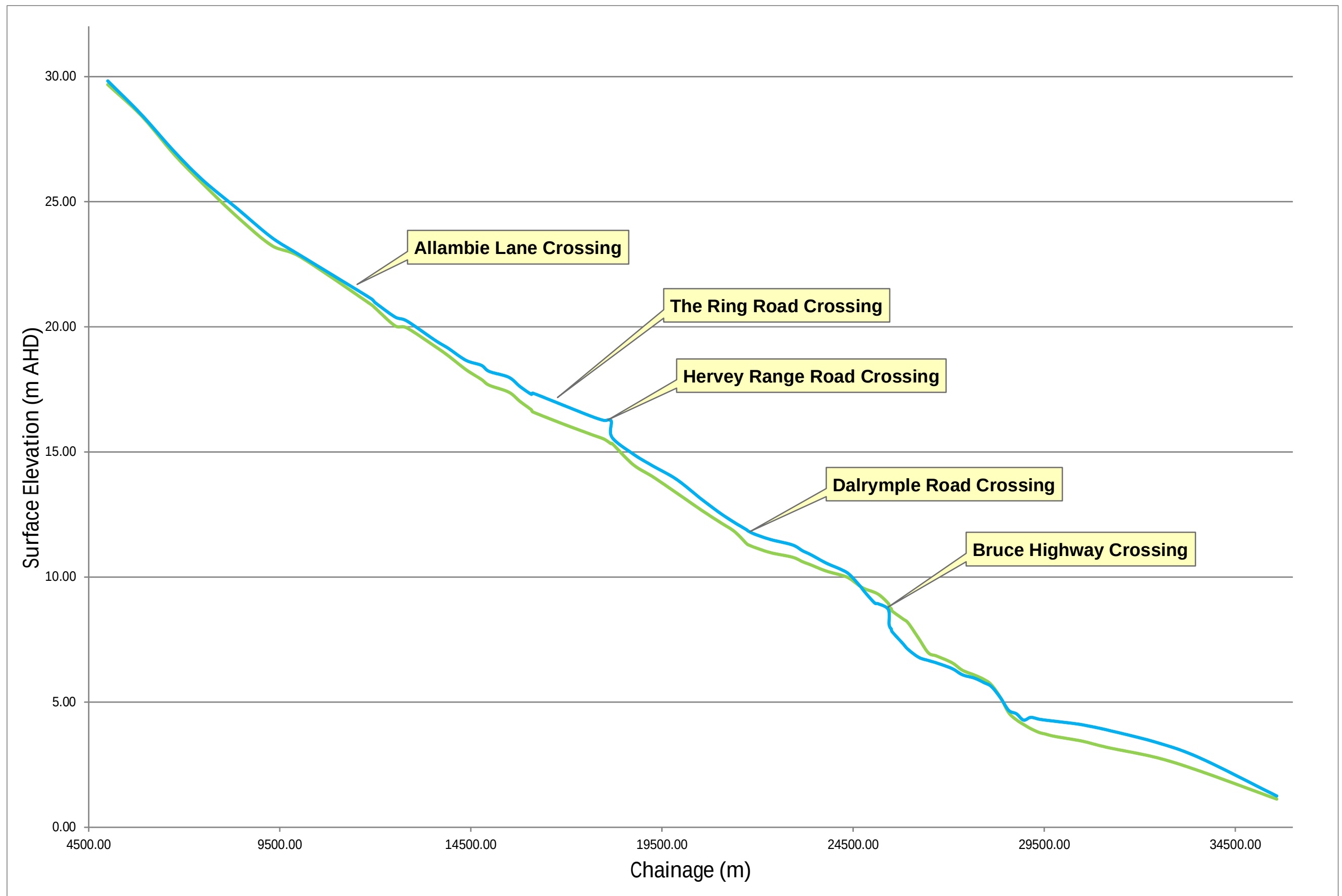


- Bohle River Floodplain Management Study (2001) 50-yr ARI 3 h Duration
- Bohle Plains Flood Planning Report (2010) 50-yr ARI 12 h Duration
- Upper and Middle Bohle Flood Study (2013) 50-yr ARI 12 h Duration

UPPER & MIDDLE BOHLE FLOOD STUDY
Longitudinal Profile
Bohle River 50-yr ARI

Figure B-1

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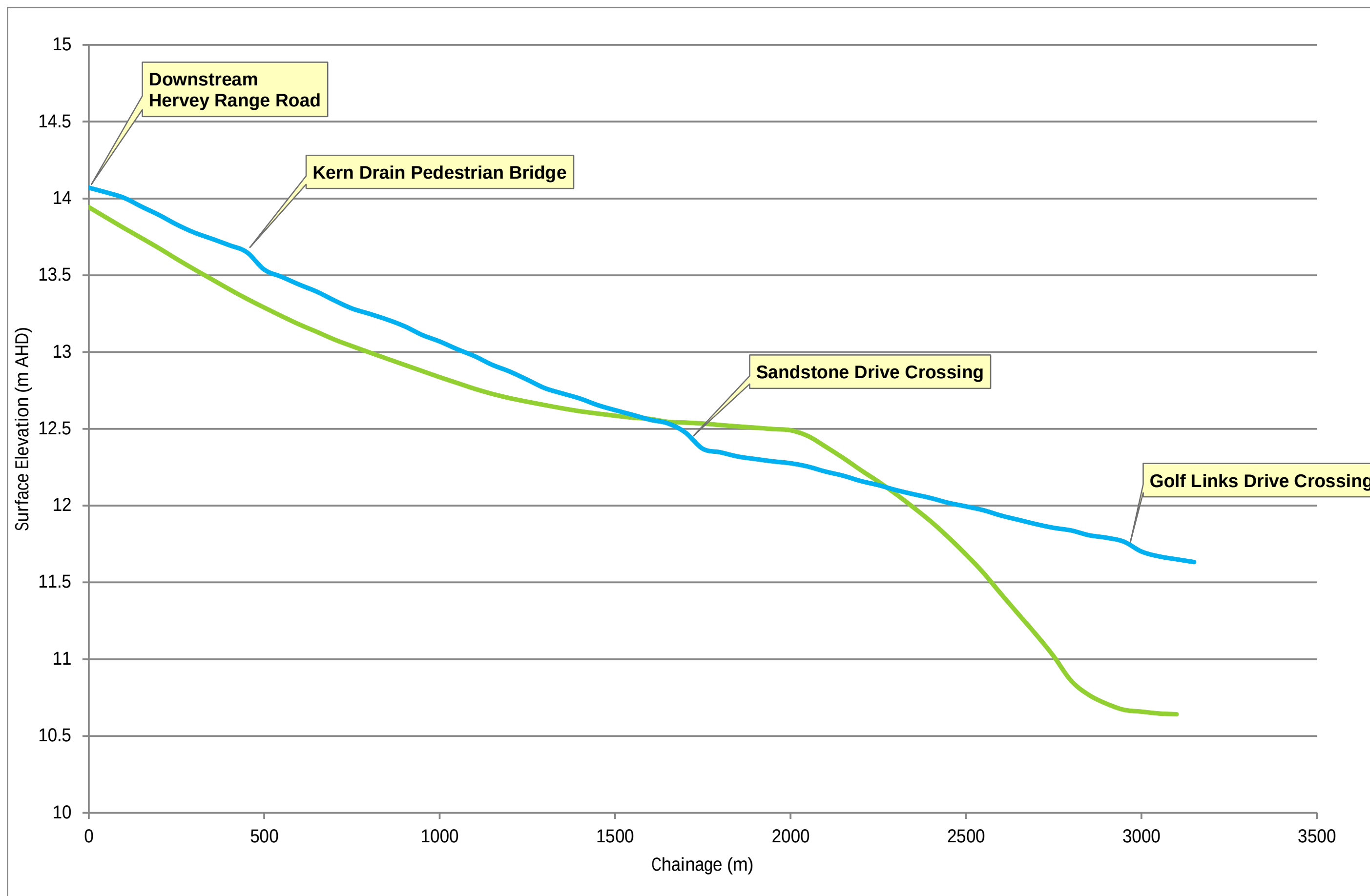
UPPER & MIDDLE BOHLE FLOOD STUDY
Longitudinal Profile
Bohle River 100-yr ARI

- Bohle Plains Flood Planning Report (2010) 100-yr ARI 12 h Duration
- Upper and Middle Bohle Flood Study (2013) 100-yr ARI 12 h Duration



Figure B-2

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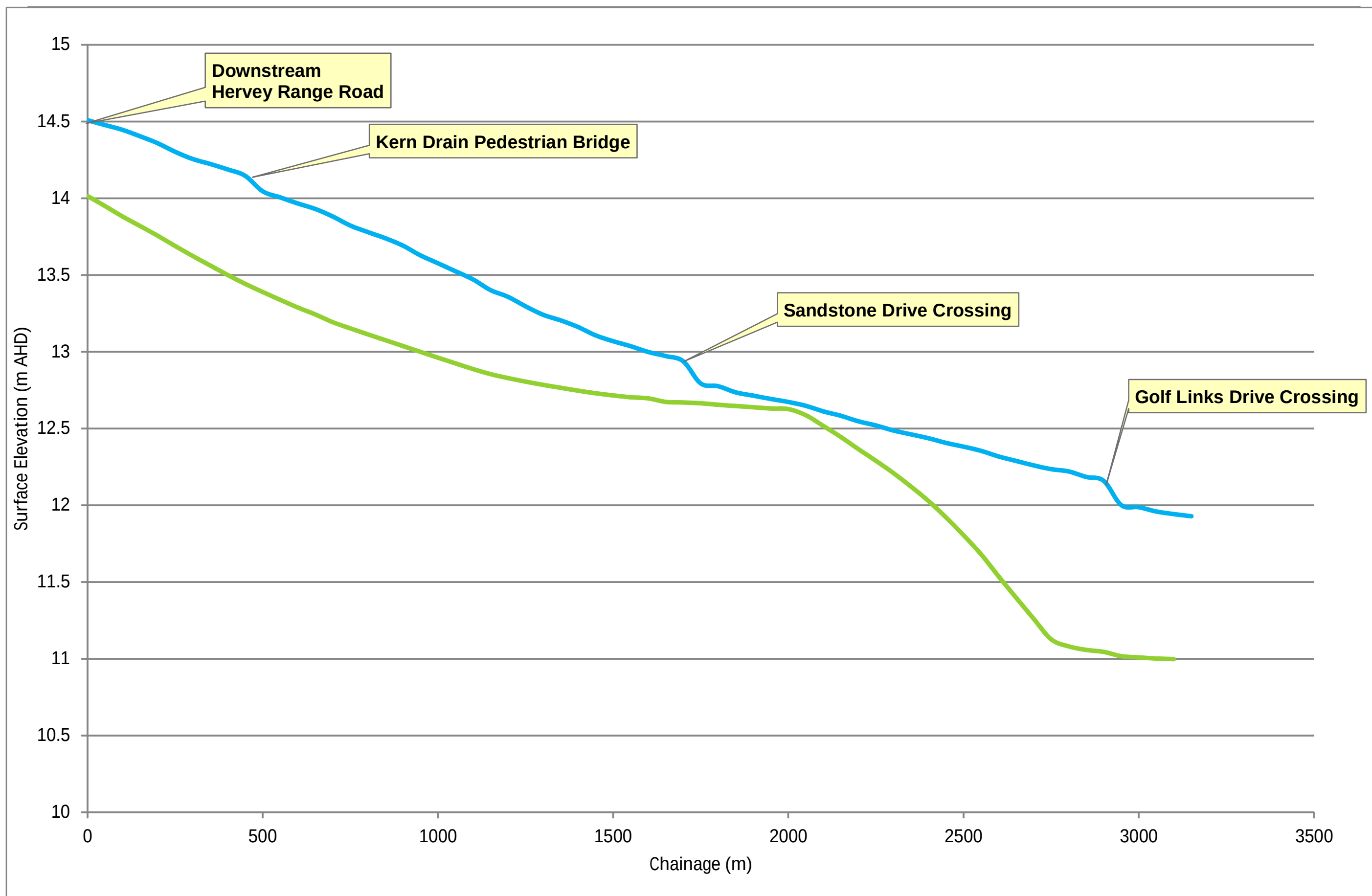
- Bohle Plains Flood Planning Report (2010) 50-yr ARI 12 h Duration
- Upper and Middle Bohle Flood Study (2013) 50-yr ARI 12 h Duration

UPPER & MIDDLE BOHLE FLOOD STUDY
Longitudinal Profile
Kern Drain 50-yr ARI

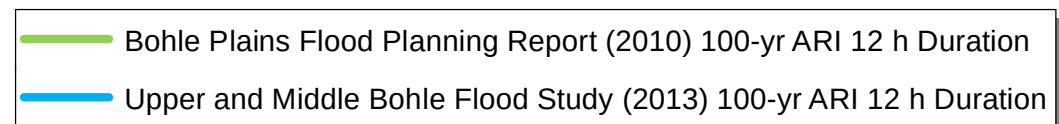


Figure B-3

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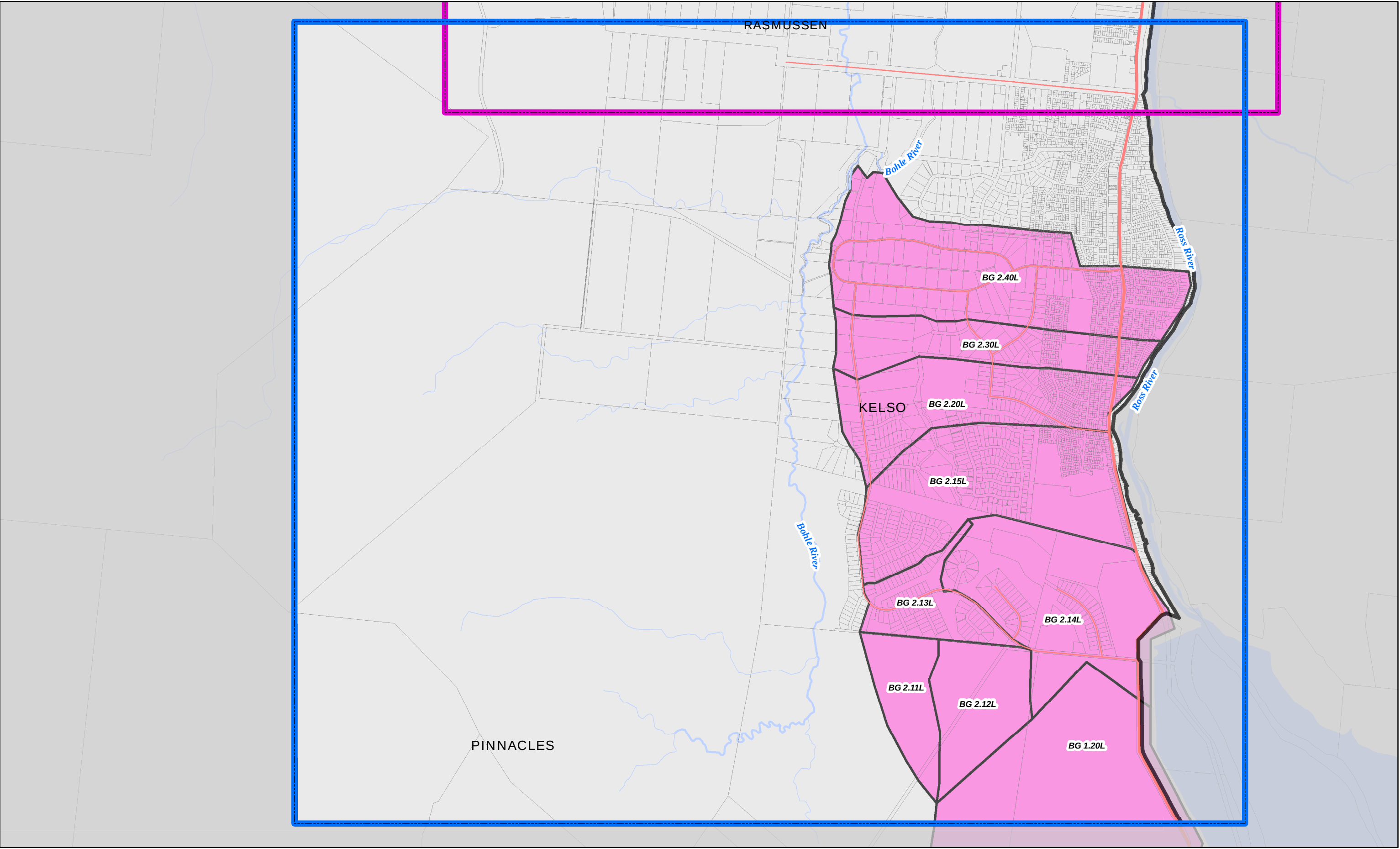
UPPER & MIDDLE BOHLE FLOOD STUDY
Longitudinal Profile
Kern Drain 100-yr ARI



Appendix C

Catchment Maps

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1:32,000 (when printed at A3)

0 250 500 Meters

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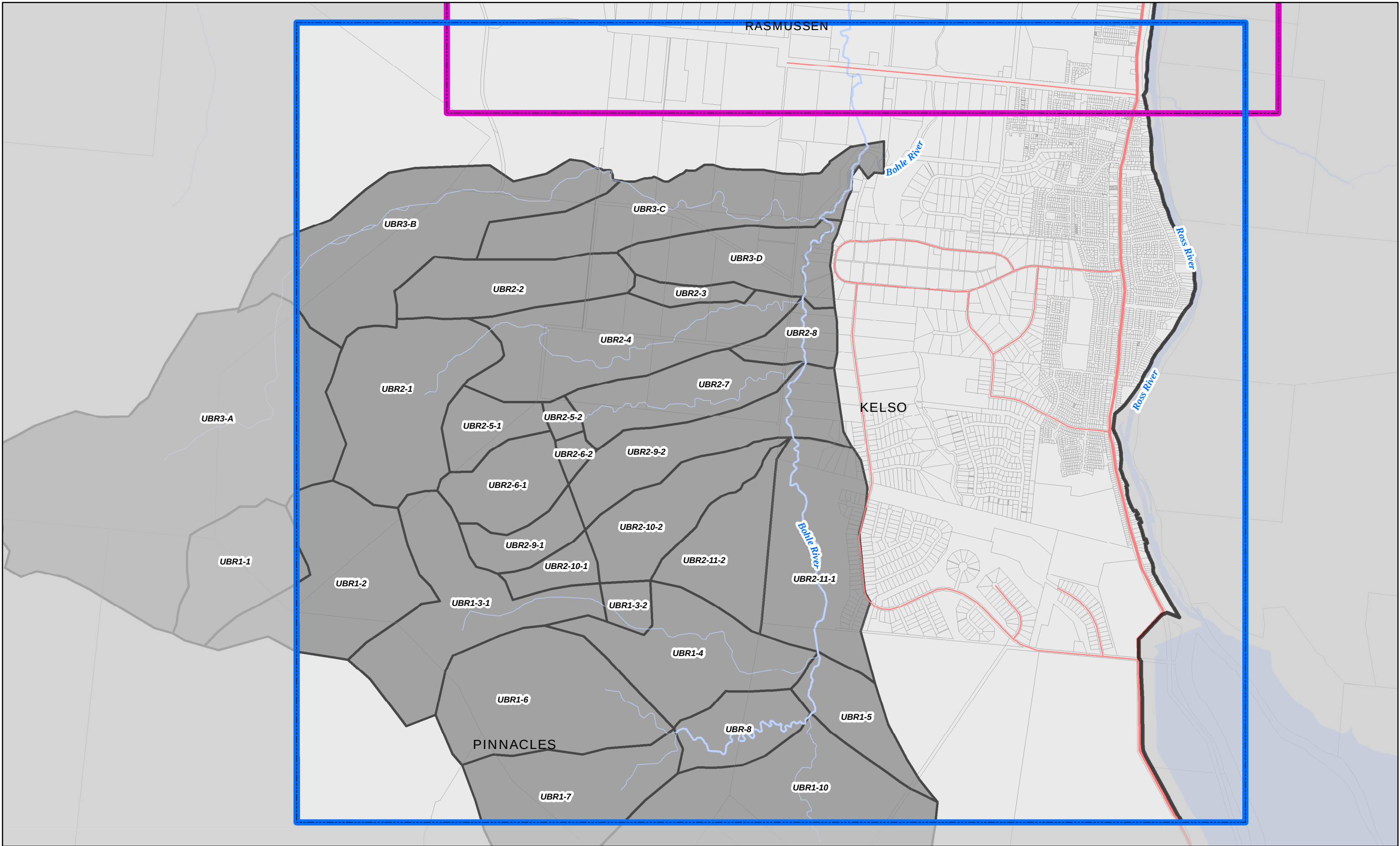
Coordinate System: GDA 1994 MGA Zone 55

 Watercourse	 Black's Gully Catchment
 Middle Bohle Model Extent	 Property Boundaries
 Upper Bohle Model Extent	

UPPER & MIDDLE BOHLE FLOOD STUDY
Upper Bohle: Black's Gully Sub-Catchments

Figure C-1

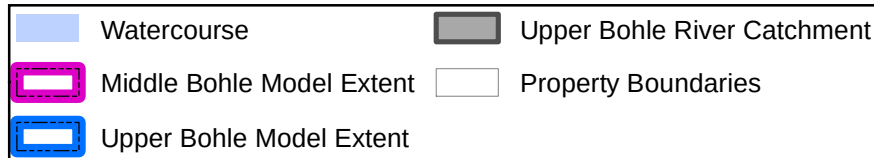
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0 250 500 Meters

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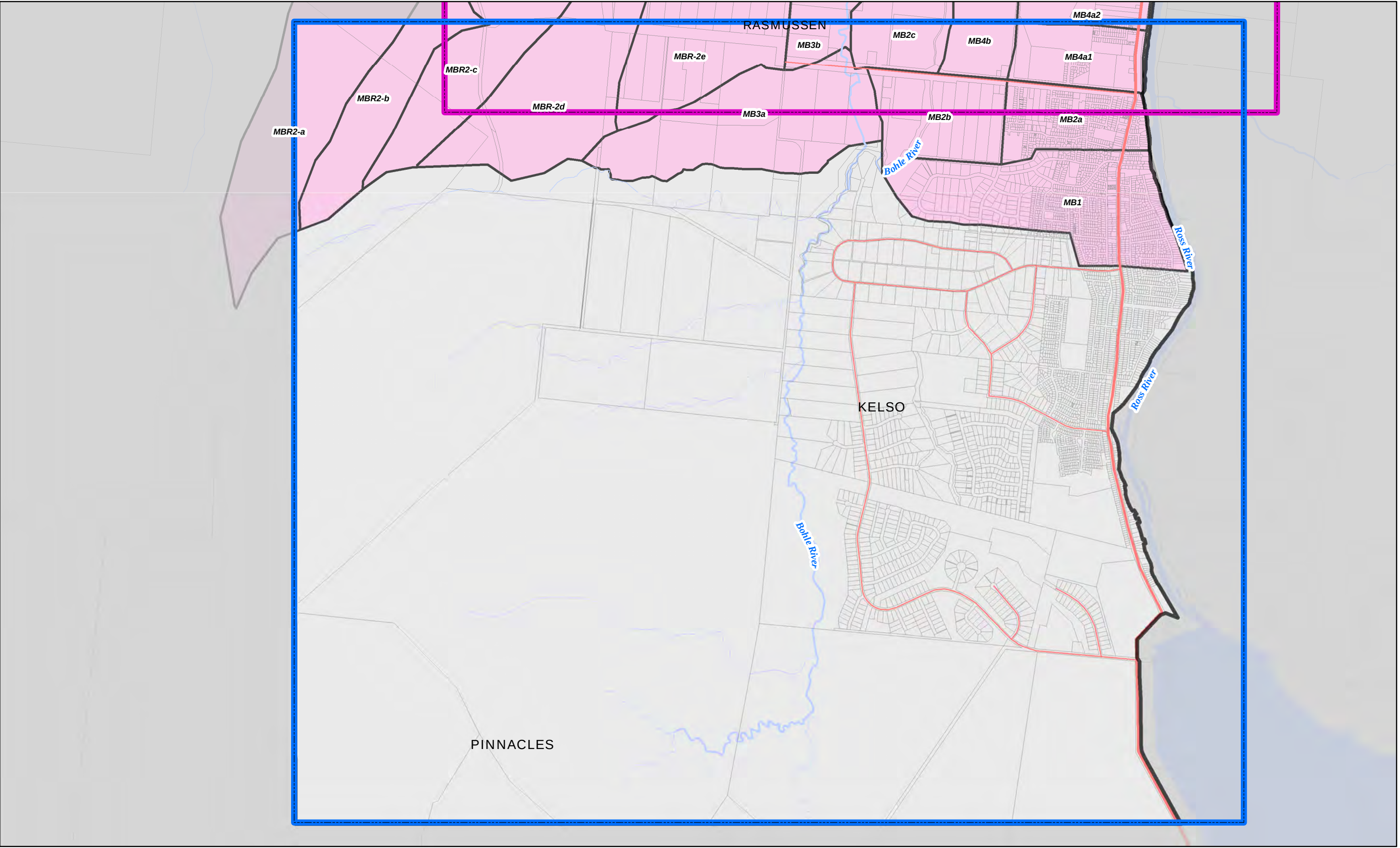
UPPER & MIDDLE BOHLE FLOOD STUDY
Upper Bohle: Upper Bohle River Sub-Catchments

Figure C-2

Base Data:
DCCB 6 2013 (Queensland Govt)
Roads 5 2013 (StreetPro Pty Ltd)

Coordinate System: GDA 1994 MGA Zone 55
User: prorya | Date Saved: 7/11/2013 | Filename: J:\MPL\602783184_Tech Work Area\4.99 GIS\MXDs\Report_amended20June2013\Figure_C_2.mxd

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0 250 500 Meters

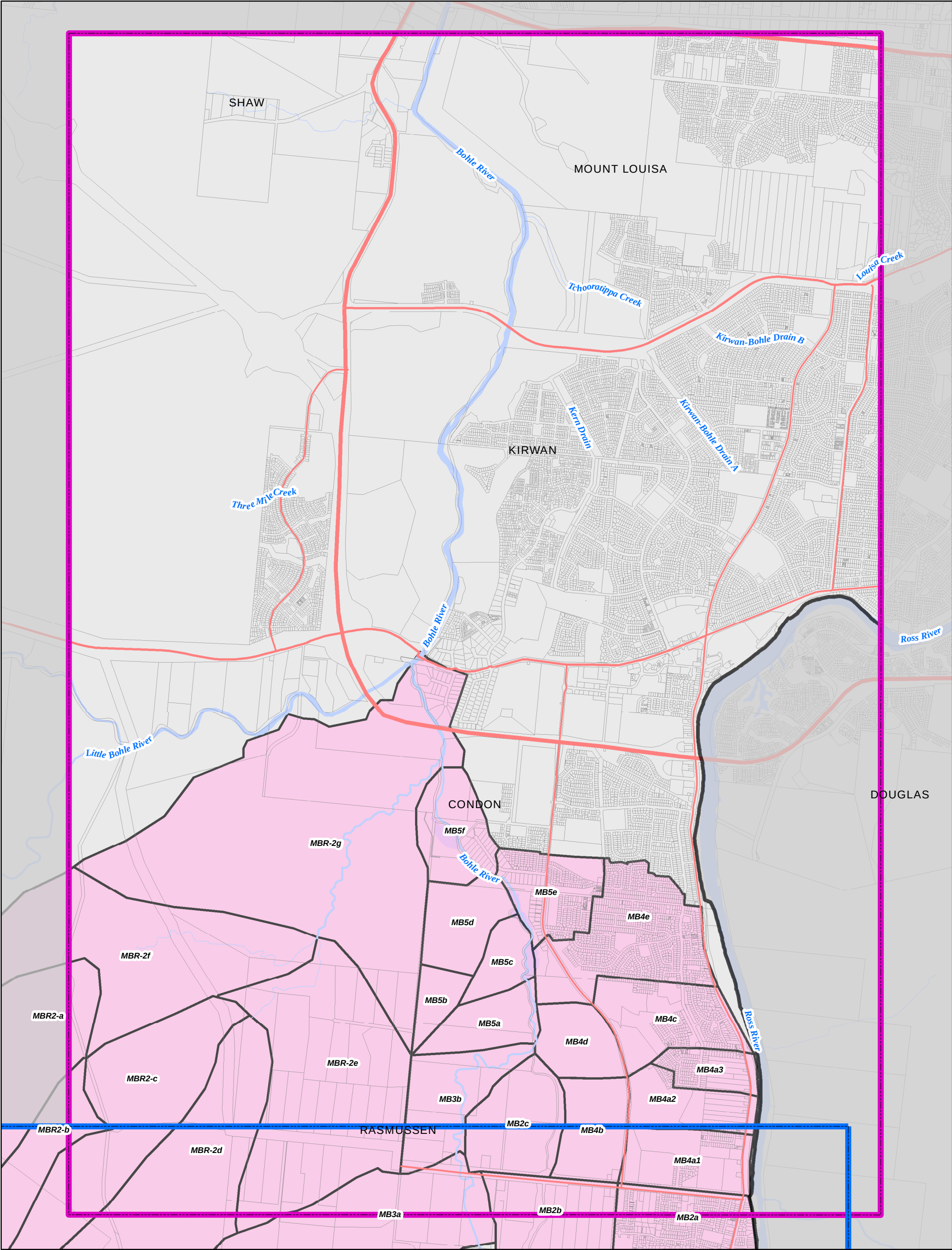
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	Watercourse		Middle Bohle River Catchment
	Middle Bohle Model Extent		Property Boundaries
	Upper Bohle Model Extent		

UPPER & MIDDLE BOHLE FLOOD STUDY
Upper Bohle: Middle Bohle River Sub-Catchments

Figure C-3

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0 250 500 Meters

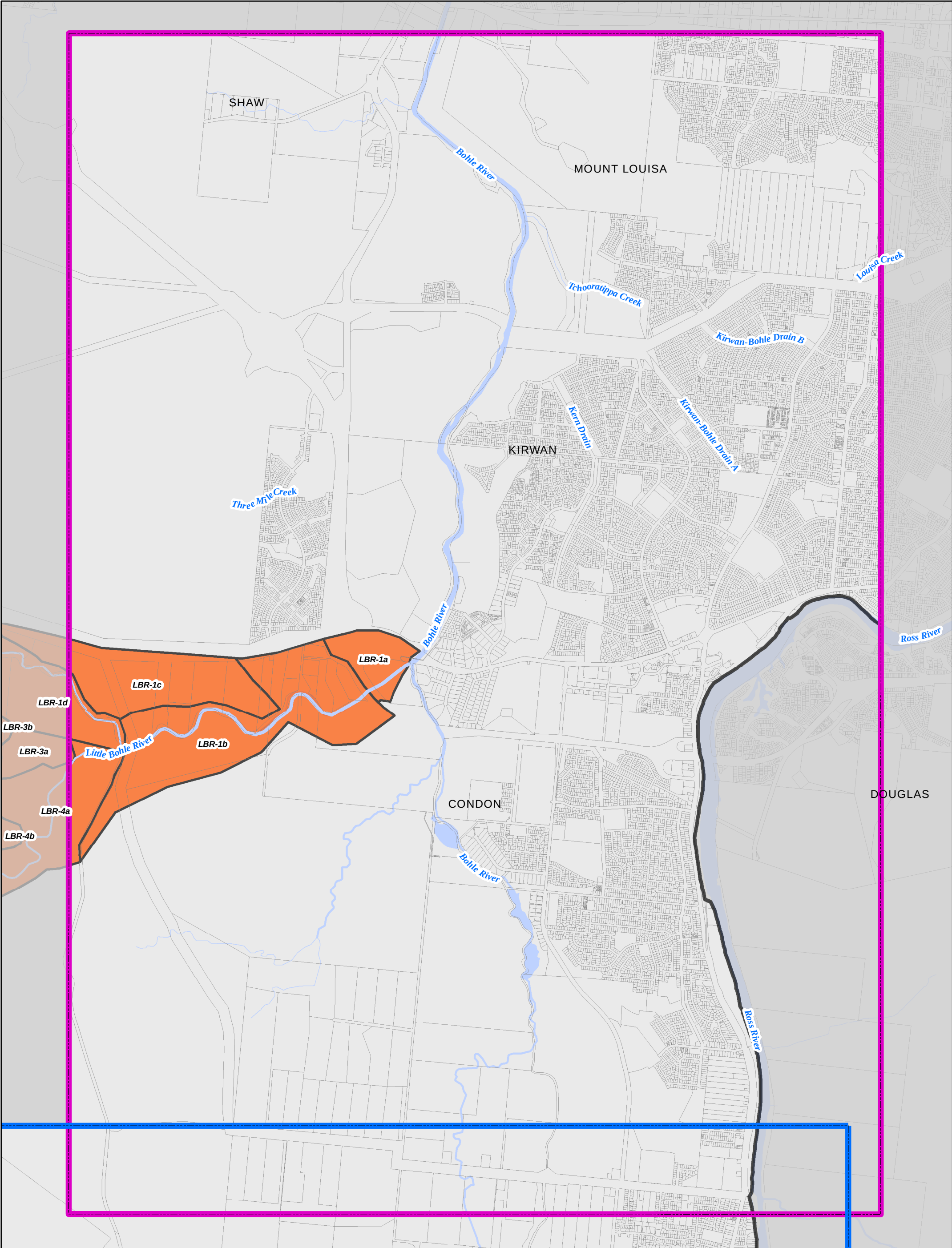
1

- | | | | |
|--|---------------------------|--|------------------------------|
| | Watercourse | | Middle Bohle River Catchment |
| | Middle Bohle Model Extent | | Property Boundaries |
| | Upper Bohle Model Extent | | |

UPPER & MIDDLE BOHLE FLOOD STUDY Middle Bohle: Middle Bohle River Sub-Catchments

Figure C-4

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0 250 500 Meters

1

Coordinate System: GDA 1994 MGA Zone 55

Base Data:
DCDR © 2013 (Queensland Govt)
Roads © 2013 (Shire of Pine Rivers)

User: priorya | Date Saved: 18/11/2013 | Filename: 2\MMPL\1027831814_Tech Work Area\4 99 GIS\MXDs\Report_ammended20June2013\Figure_C_5.mxd

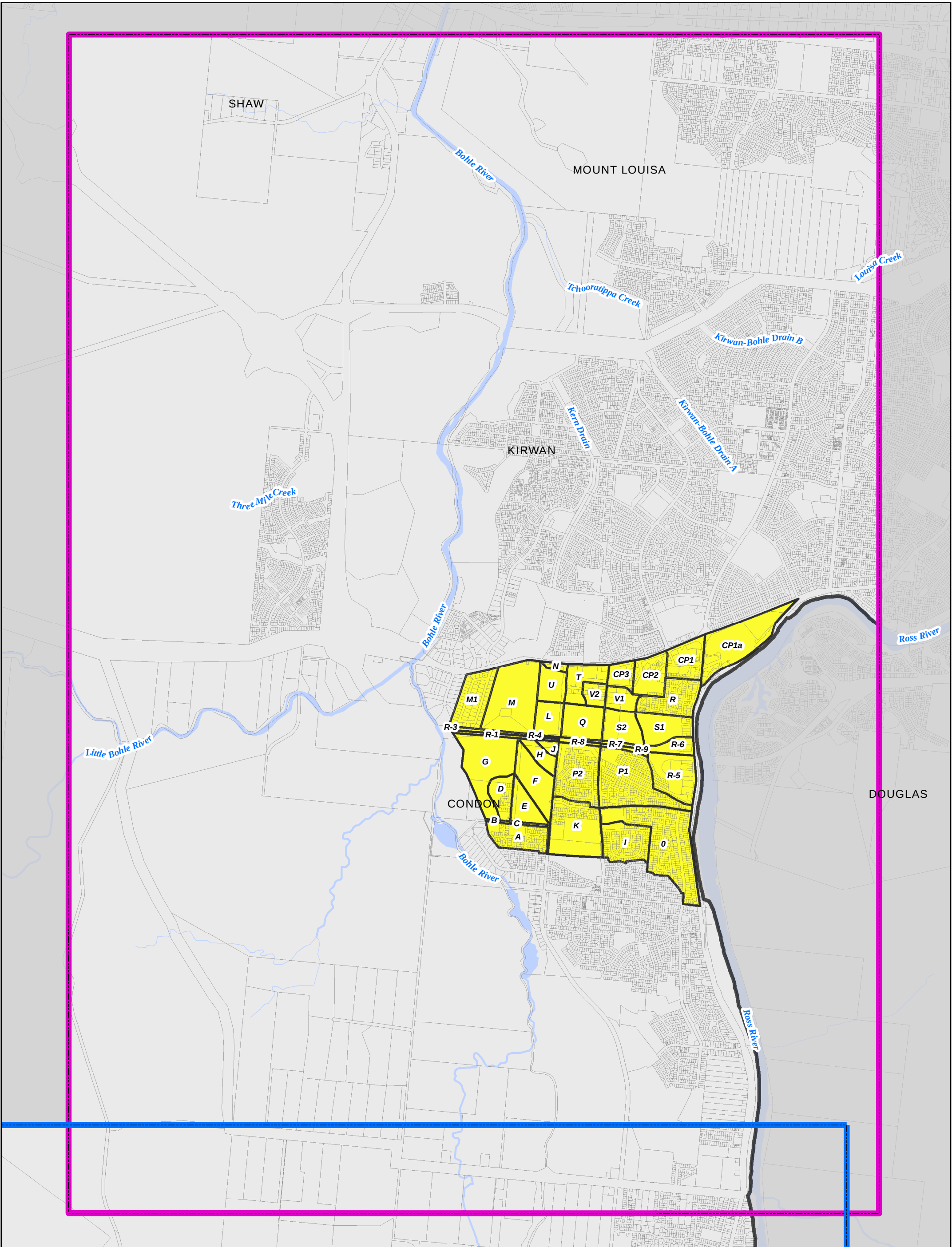
- | | | | |
|--|---------------------------|--|------------------------------|
| | Watercourse | | Little Bohle River Catchment |
| | Middle Bohle Model Extent | | Property Boundaries |
| | Upper Bohle Model Extent | | |

UPPER & MIDDLE BOHLE FLOOD STUDY

Middle Bohle: Little Bohle River Sub-Catchments

Figure C-5

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0 250 500 Meters

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	Watercourse		Condon Catchment
	Middle Bohle Model Extent		Property Boundaries
	Upper Bohle Model Extent		

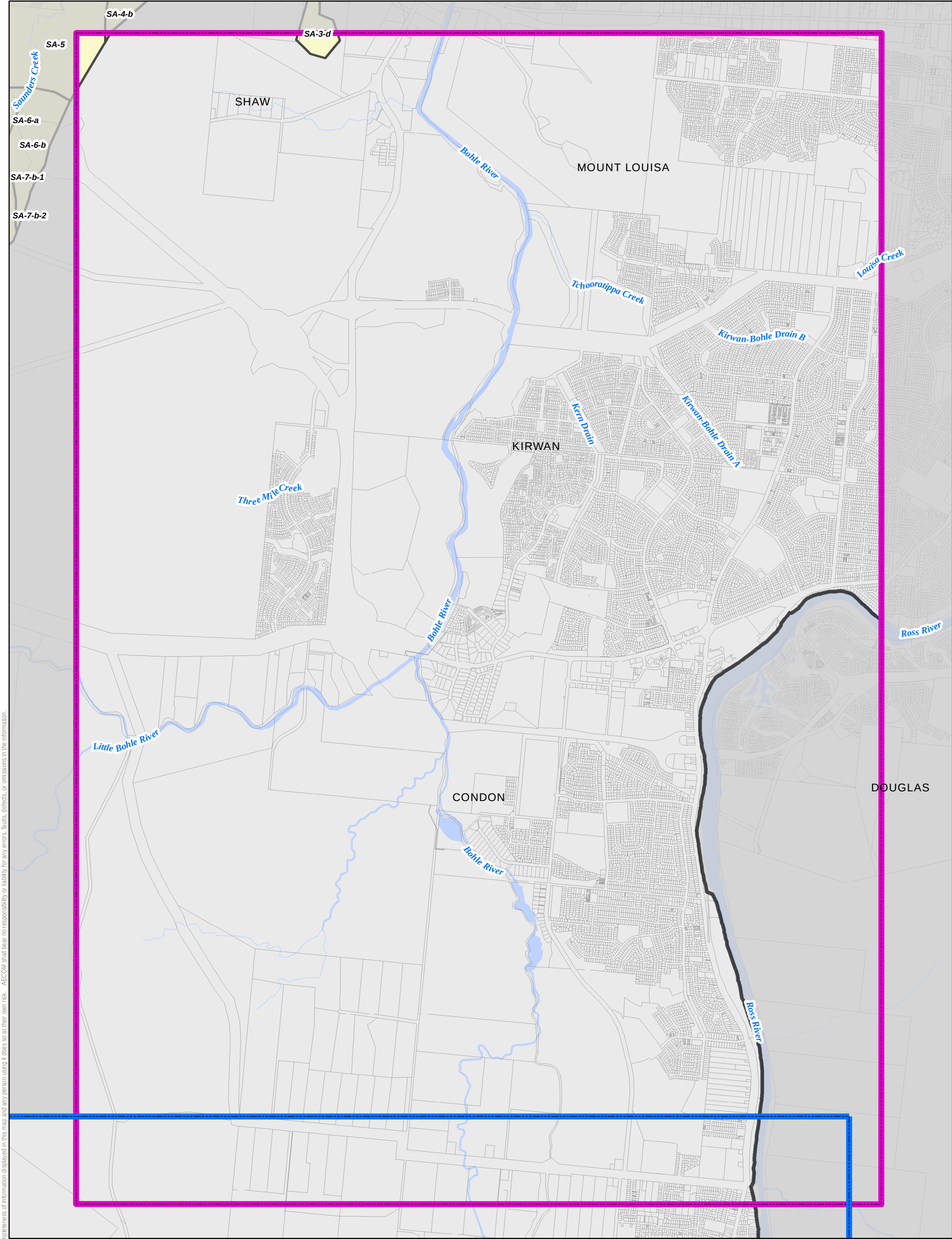
UPPER & MIDDLE BOHLE FLOOD STUDY Middle Bohle: Condon Sub-Catchments

Figure C-6

Coordinate System: GDA 1994 MGA Zone 55

Base Data:
DCDR 6 2013 (Queensland Govt)
Roads 6 2013 (Shire of Pine Rivers)

User: priorya | Date Saved: 7/11/2013 | FileName: J:\MPL\602783184_Tech Work Area\4.99 GIS\MXDs\Report_amended20June2013\Figure_C_6.mxd



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0 250 500 Meters

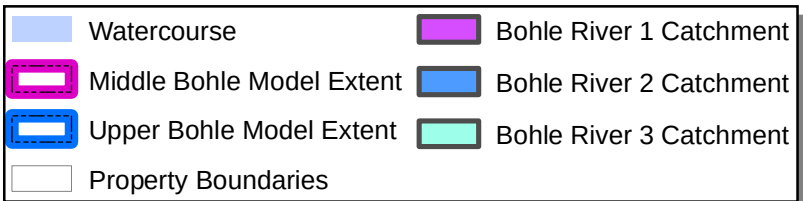
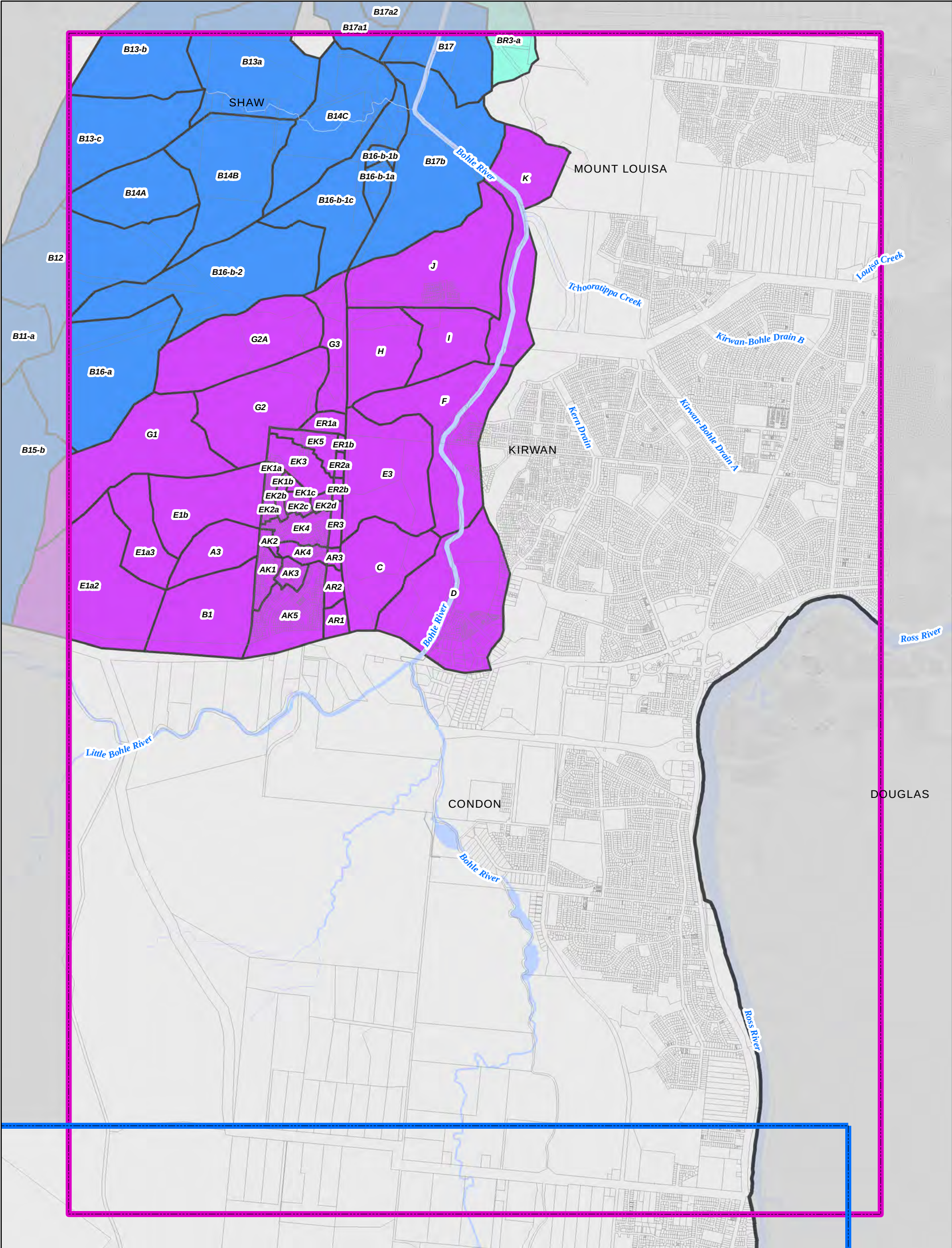
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	Watercourse		Saunders Creek Catchment
	Middle Bohle Model Extent		Property Boundaries
	Upper Bohle Model Extent		

UPPER & MIDDLE BOHLE FLOOD STUDY Middle Bohle: Saunders Creek Sub-Catchments

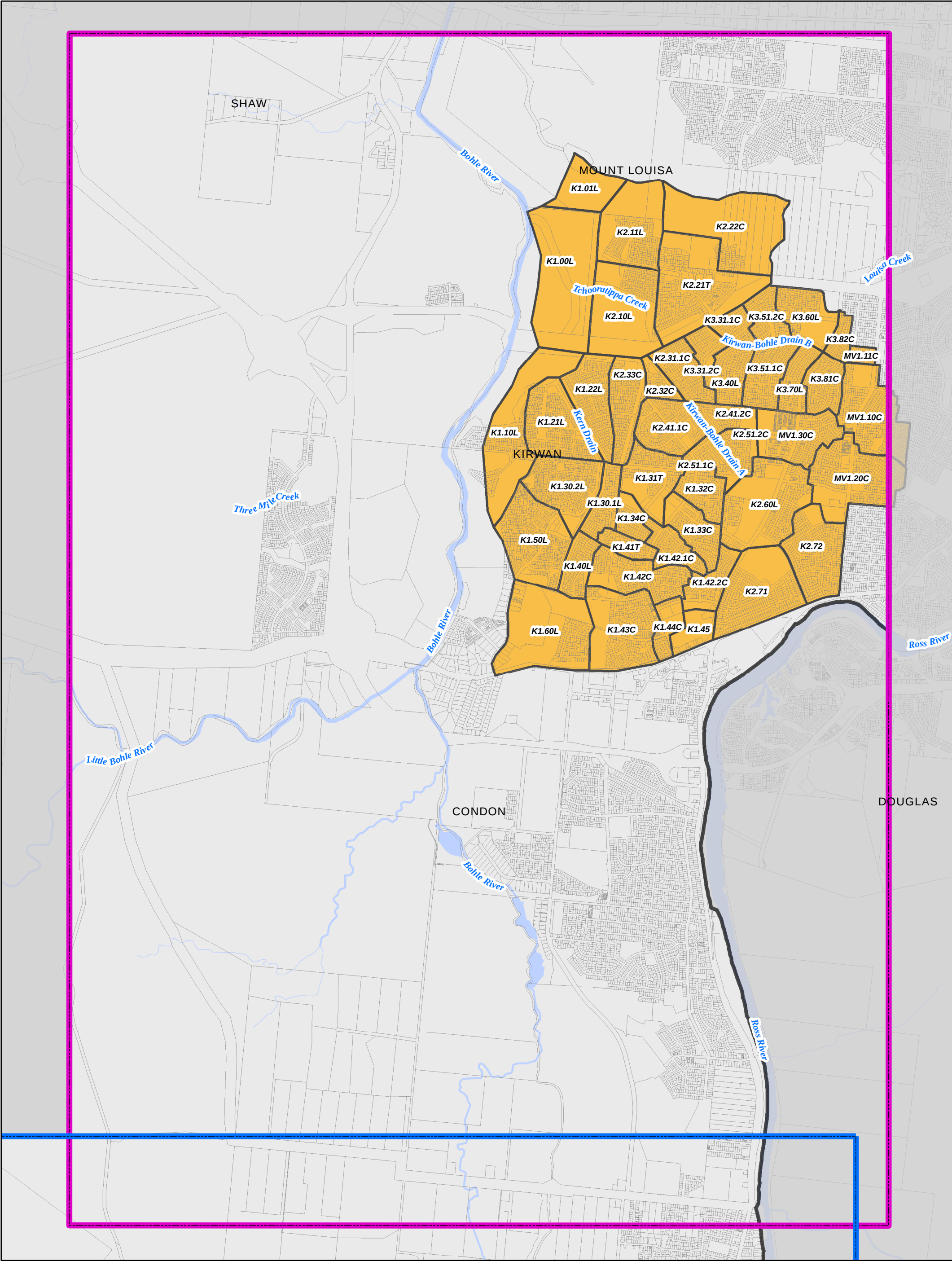
Figure C-7

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UPPER & MIDDLE BOHLE FLOOD STUDY
Middle Bohle: Bohle River Sub-Catchments

Figure C-8



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0 250 500 Meters

1

- | | | | |
|--|---------------------------|--|---------------------|
| | Watercourse | | Kirwan Catchment |
| | Middle Bohle Model Extent | | Property Boundaries |
| | Upper Bohle Model Extent | | |

UPPER & MIDDLE BOHLE FLOOD STUDY
Middle Bohle: Kirwan Sub-Catchments

Figure C-9

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