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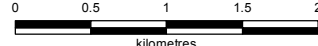
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

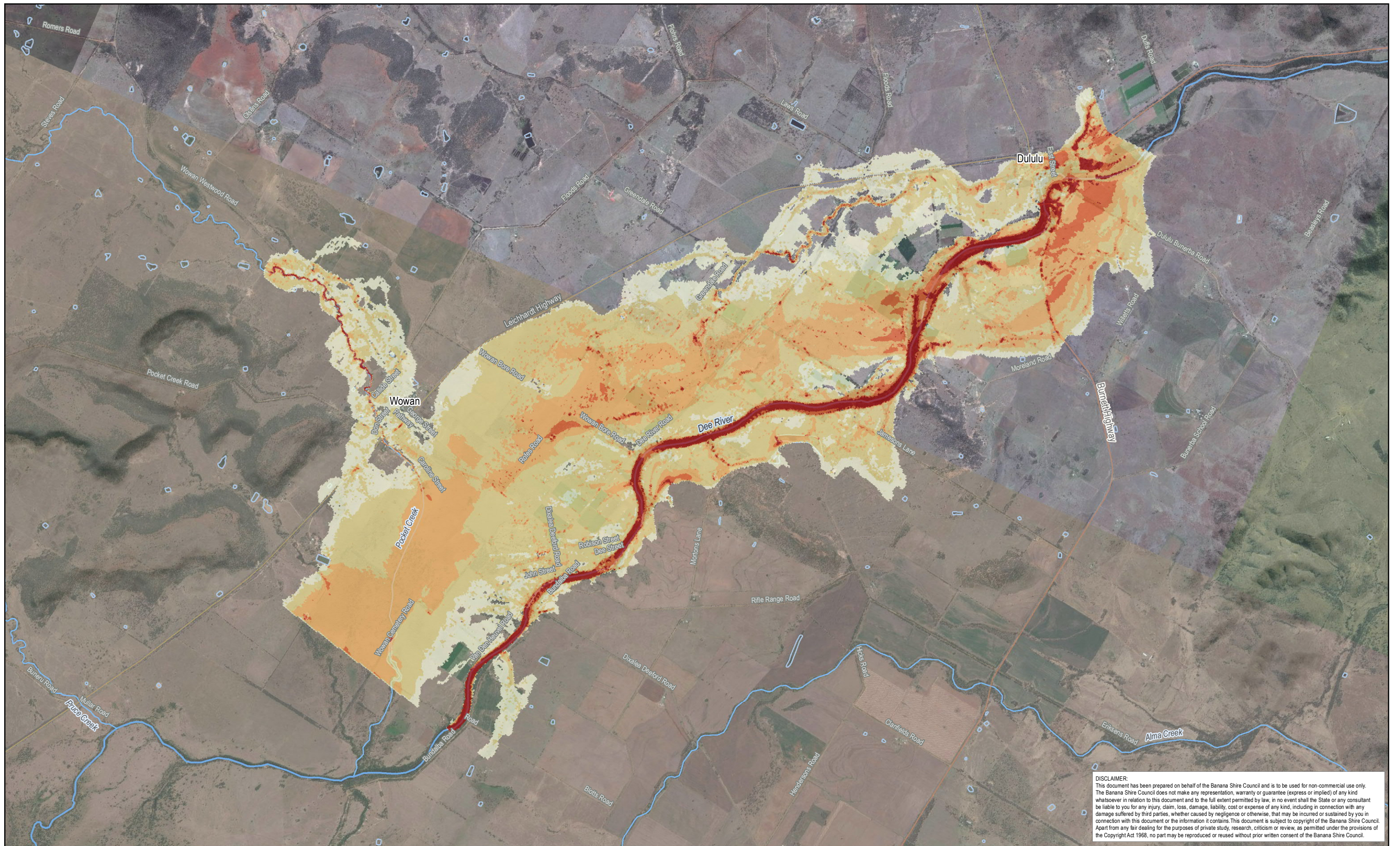
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Dululu and Wowan      Projection: GDA 1994 MGA Zone 56


  
 Scale at A3 - 1:50,000

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 Model Result: DulWov\_20m\_100yCC\_100\_V\_Max

<b>Banana Shire Flood Assessment</b> Dululu and Wowan Maximum Flood Velocity 1% AEP plus Climate Change Event	02-DU-305
	12/05/2016
	0



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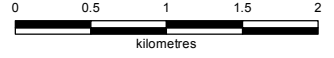
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

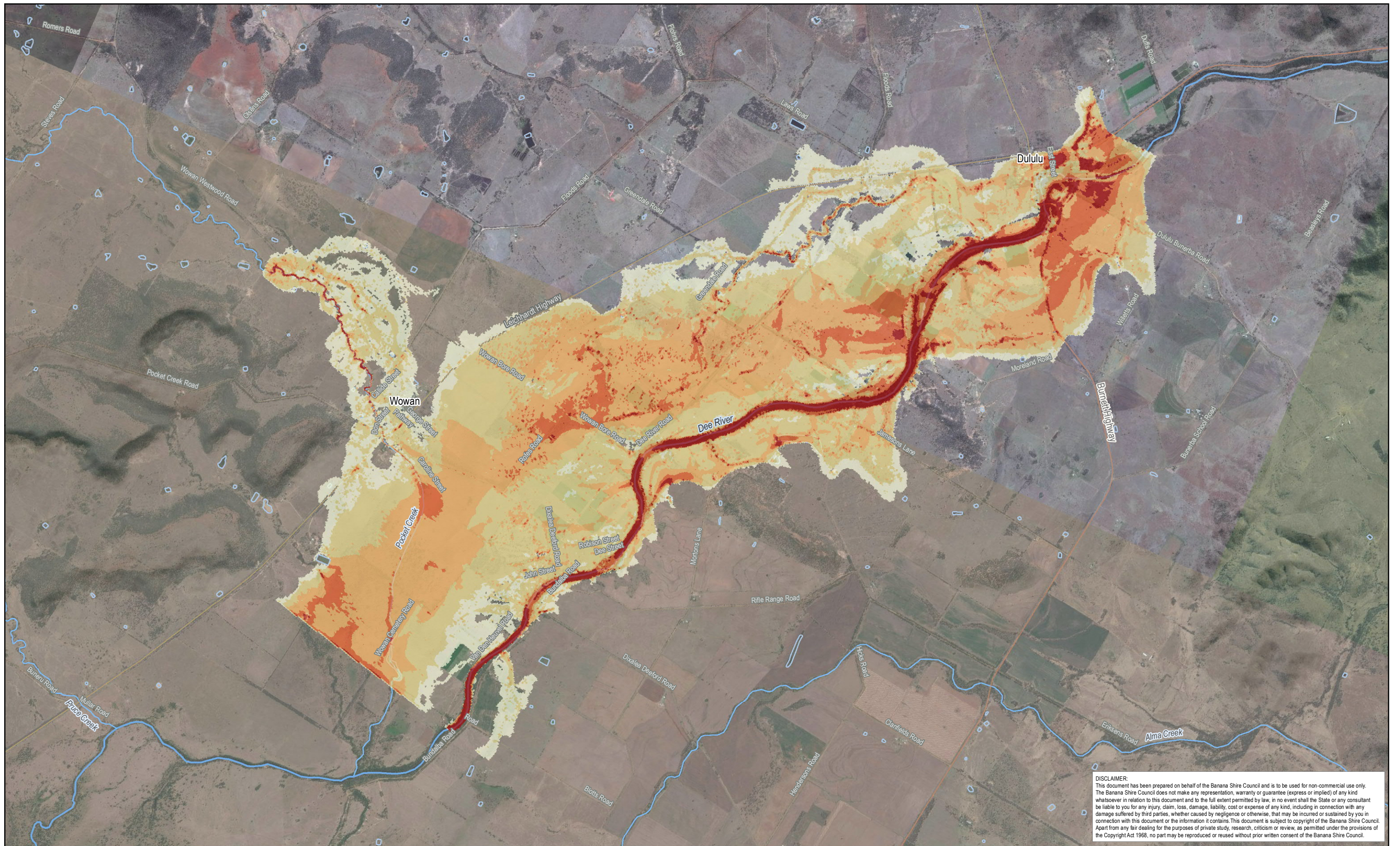
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Dululu and Wowan      Projection: GDA 1994 MGA Zone 56


  
 Scale at A3 - 1:50,000

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 Model Result: DulWov\_20m\_500y\_100\_V\_Max

<b>Banana Shire Flood Assessment</b> Dululu and Wowan Maximum Flood Velocity 0.2% AEP Event	02-DU-306
	12/05/2016
	0



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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	


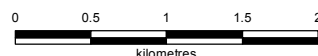
**Legend**

Flood Velocity (m/s)

	< 0.5
	0.5 – 1.0
	1.0 – 1.5
	1.5 – 2.0
	> 2.0

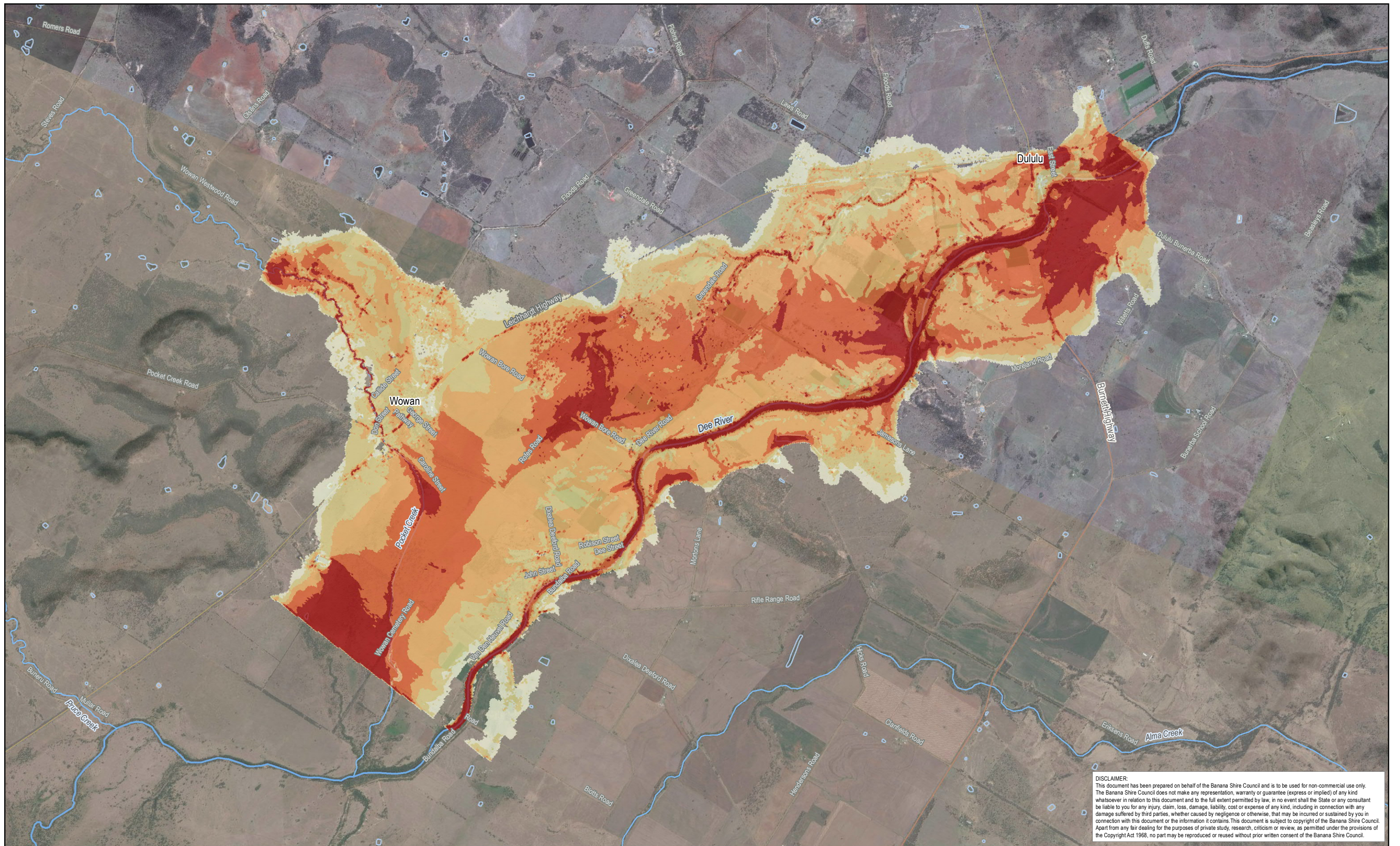
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Dululu and Wowan      Projection: GDA 1994 MGA Zone 56


  
 Scale at A3 - 1:50,000

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 Model Result: DulWow\_20m\_2000y\_100\_V\_Max

Banana Shire Flood Assessment		02-DU-307
Dululu and Wowan		
Maximum Flood Velocity		12/05/2016
0.05% AEP Event		0



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BEW455-0003-TD-HY-GIS-0002-0308

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

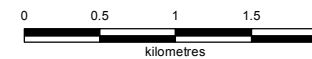
Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Dululu and Wowan

Projection: GDA 1994 MGA Zone 56



Scale at A3 - 1:50,000

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 Model Result: DulWov\_20m\_PMF3h\_100\_V\_Max

**Banana Shire Flood Assessment**  
 Dululu and Wowan  
 Maximum Flood Velocity  
 PMP Event

02-DU-308

12/05/2016

0



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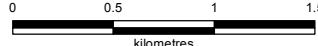
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

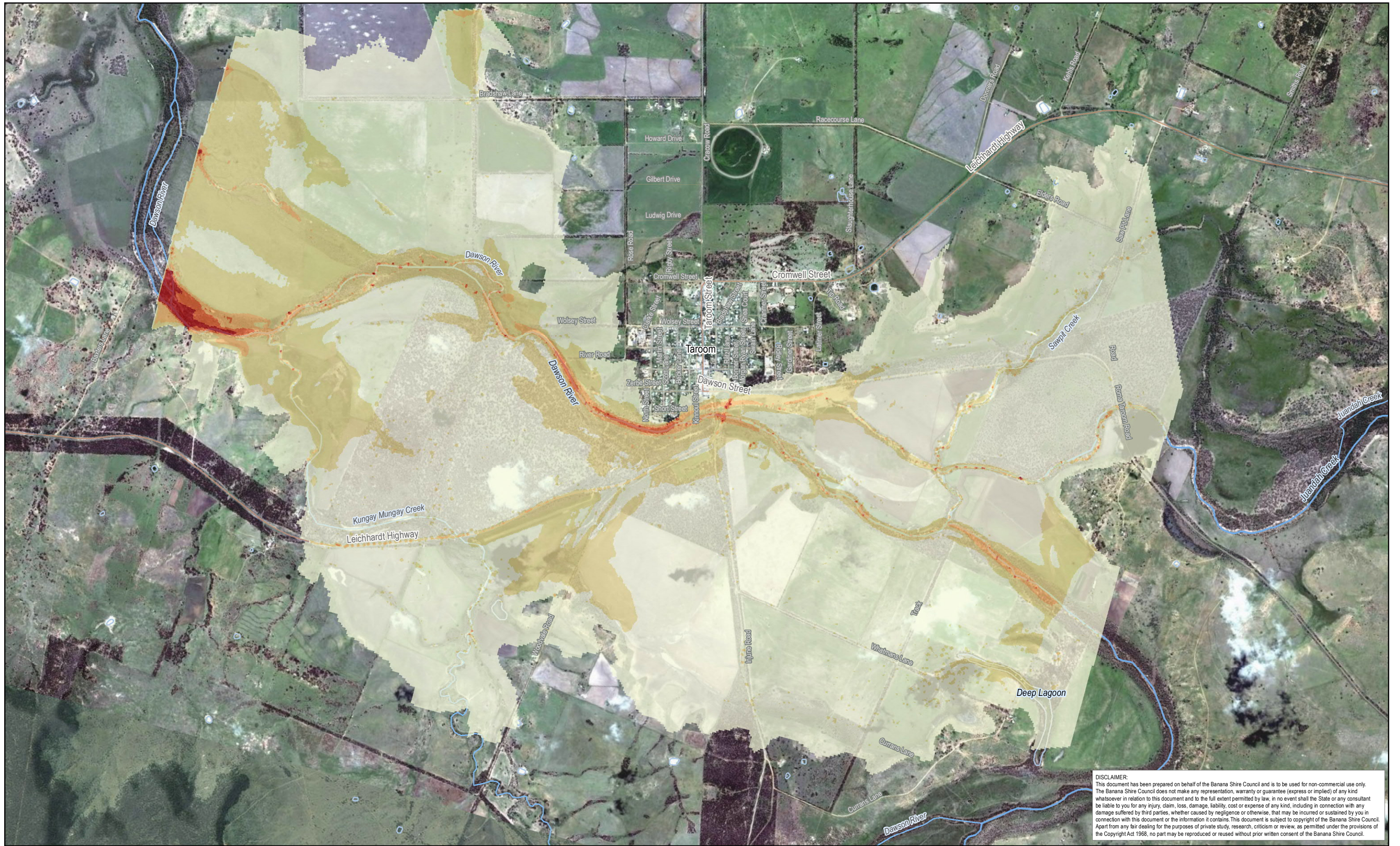
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Taroom      Projection: GDA 1994 MGA Zone 55


  
 Scale at A3 - 1:37,500

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 Model Result: Tar\_20m\_20y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	03-TA-301
Taroom	
Maximum Flood Velocity	12/05/2016
5% AEP Event	0



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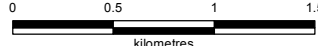
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- <math>< 0.5</math>
- <math>0.5 - 1.0</math>
- <math>1.0 - 1.5</math>
- <math>1.5 - 2.0</math>
- <math>> 2.0</math>

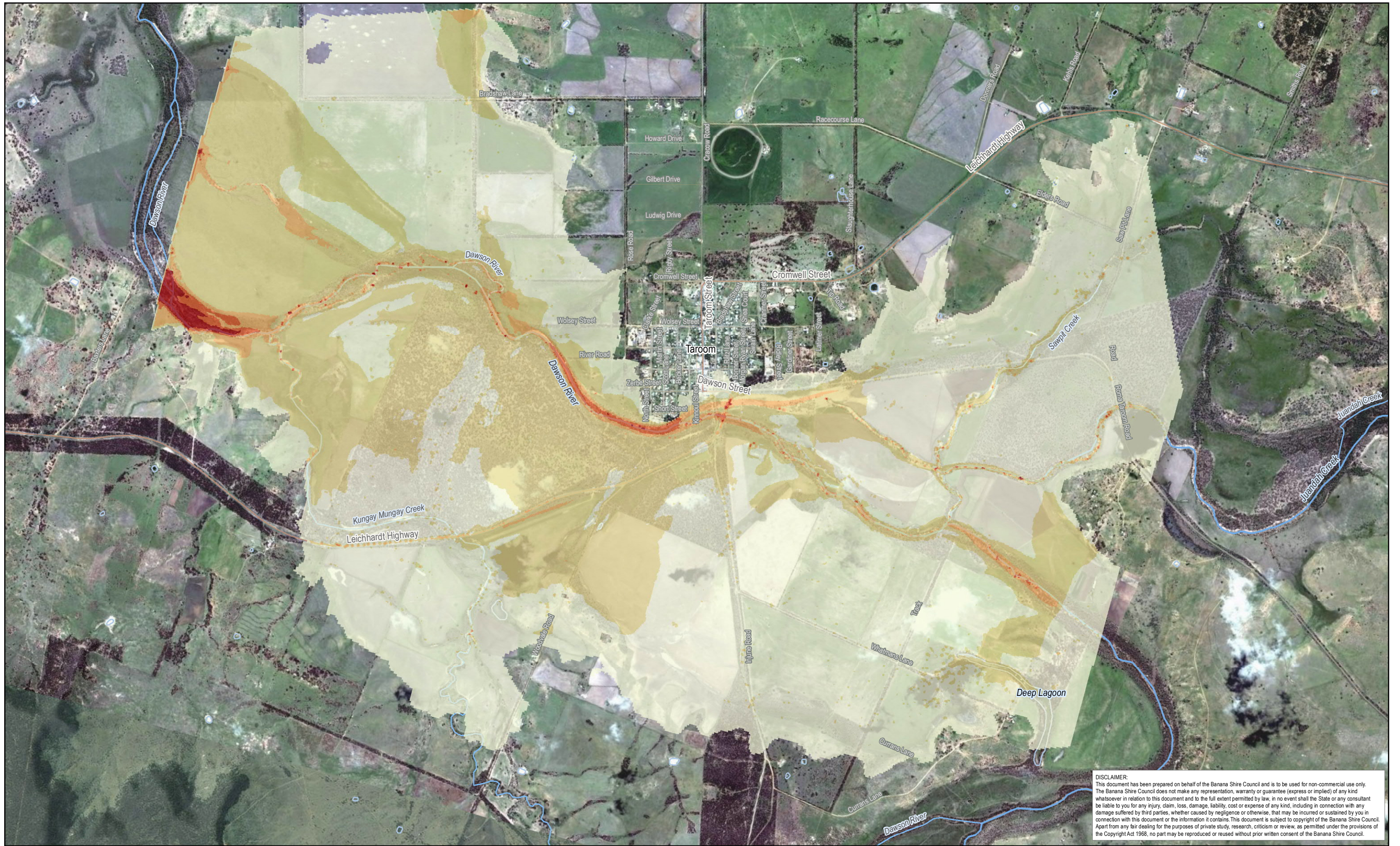
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Taroom      Projection: GDA 1994 MGA Zone 55

        
 Scale at A3 - 1:37,500

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 Model Result: Tar\_20m\_50y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b> Taroom Maximum Flood Velocity 2% AEP Event	03-TA-302
	12/05/2016
	0



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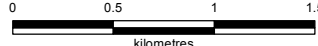
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

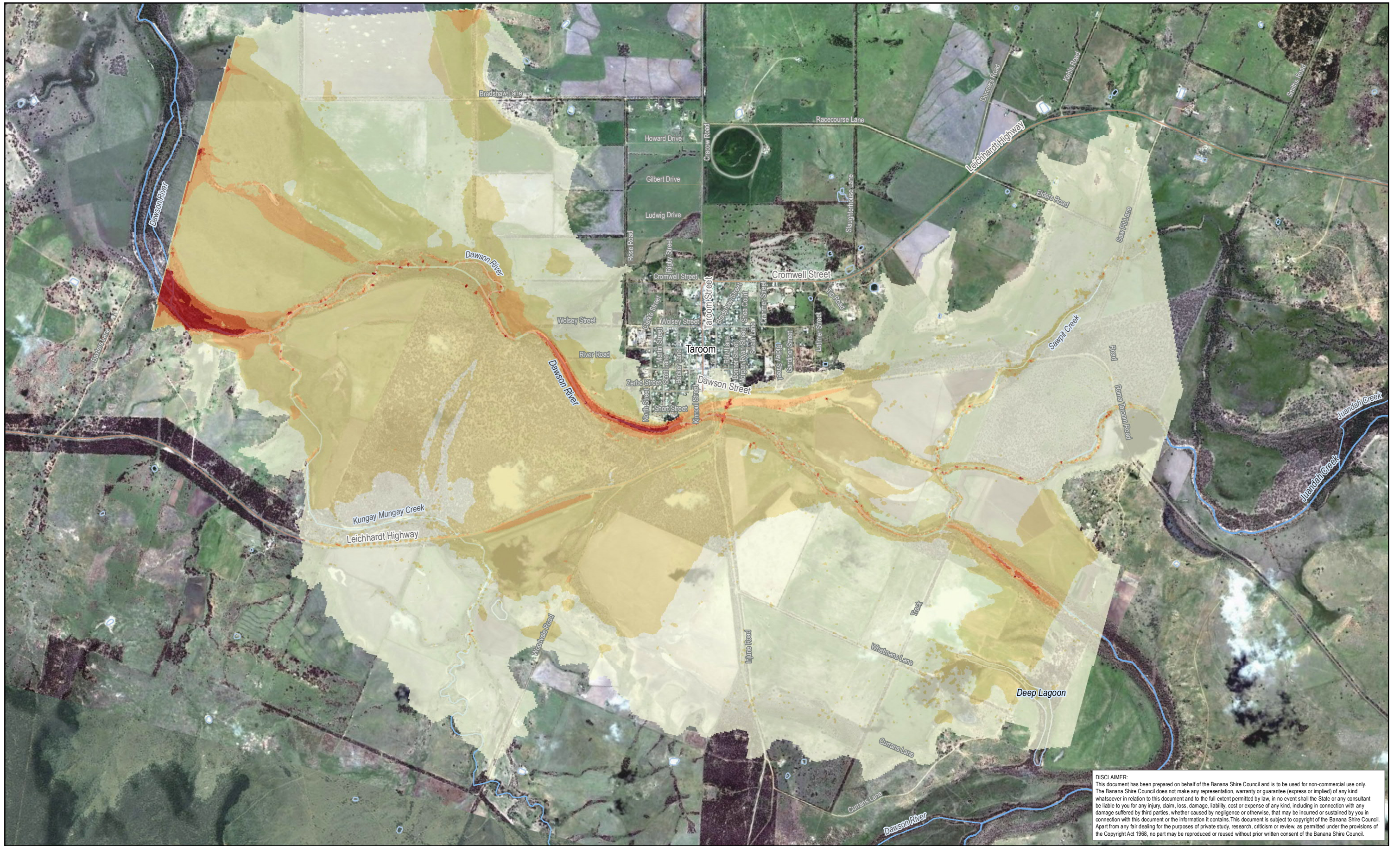
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Taroom      Projection: GDA 1994 MGA Zone 55


  
 Scale at A3 - 1:37,500

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 Model Result: Tar\_20m\_100y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	03-TA-303
Taroom Maximum Flood Velocity 1% AEP Event	12/05/2016
0	



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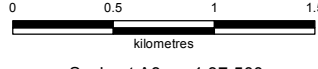
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

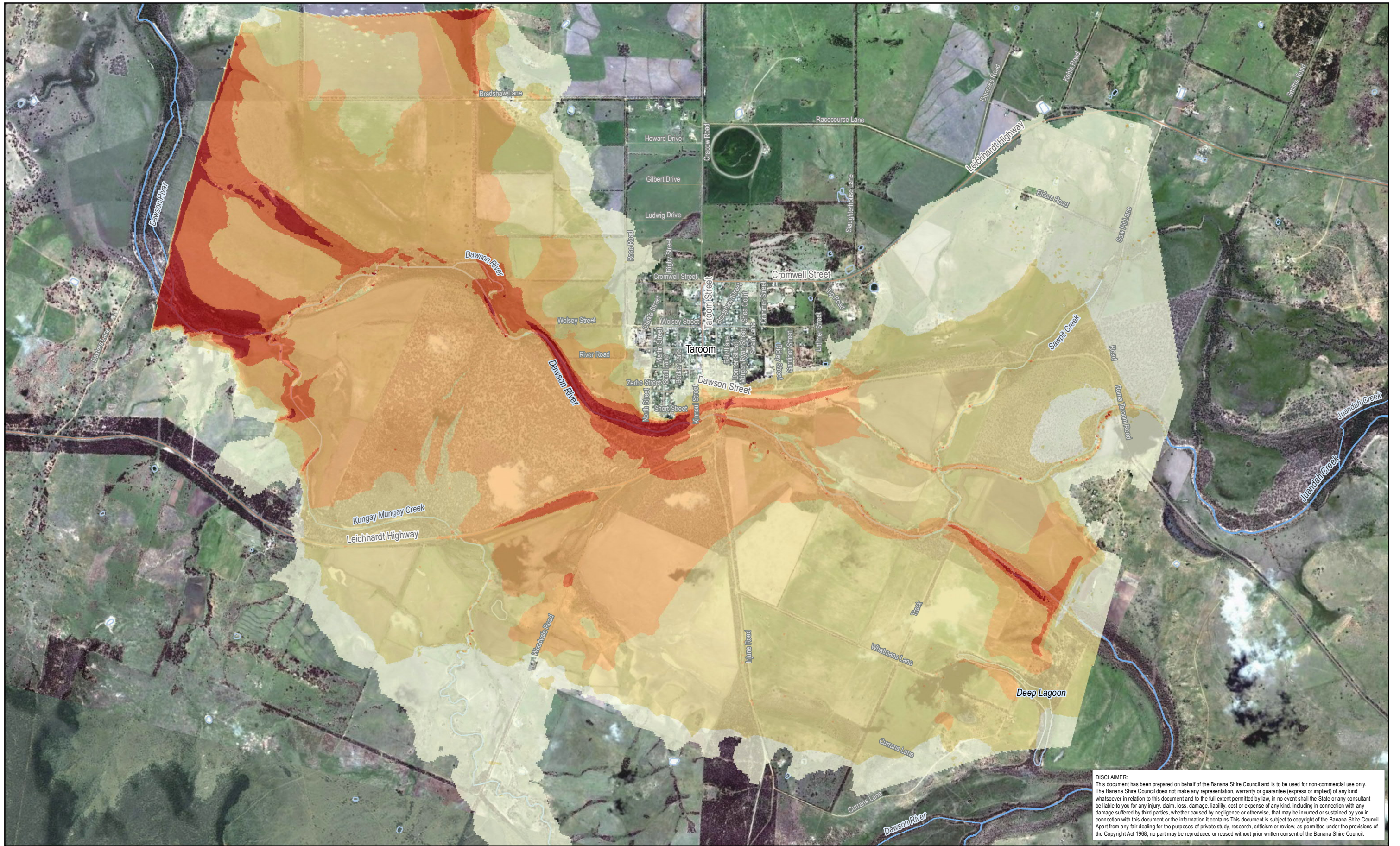
Locality: Taroom      Projection: GDA 1994 MGA Zone 55


  
 Scale at A3 - 1:37,500

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 Model Result: Tar\_20m\_100y2hCC\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	03-TA-304
Taroom	
Maximum Flood Velocity	
1% AEP plus Climate Change Event	12/05/2016
	0





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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

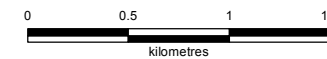
Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Taroom

Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:37,500

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 Model Result: Tar\_20m\_PMF96h\_100\_V\_Max

**Banana Shire Flood Assessment**  
 Taroom  
 Maximum Flood Velocity  
 PMP Event

03-TA-305

12/05/2016

0



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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

Locality: Theodore

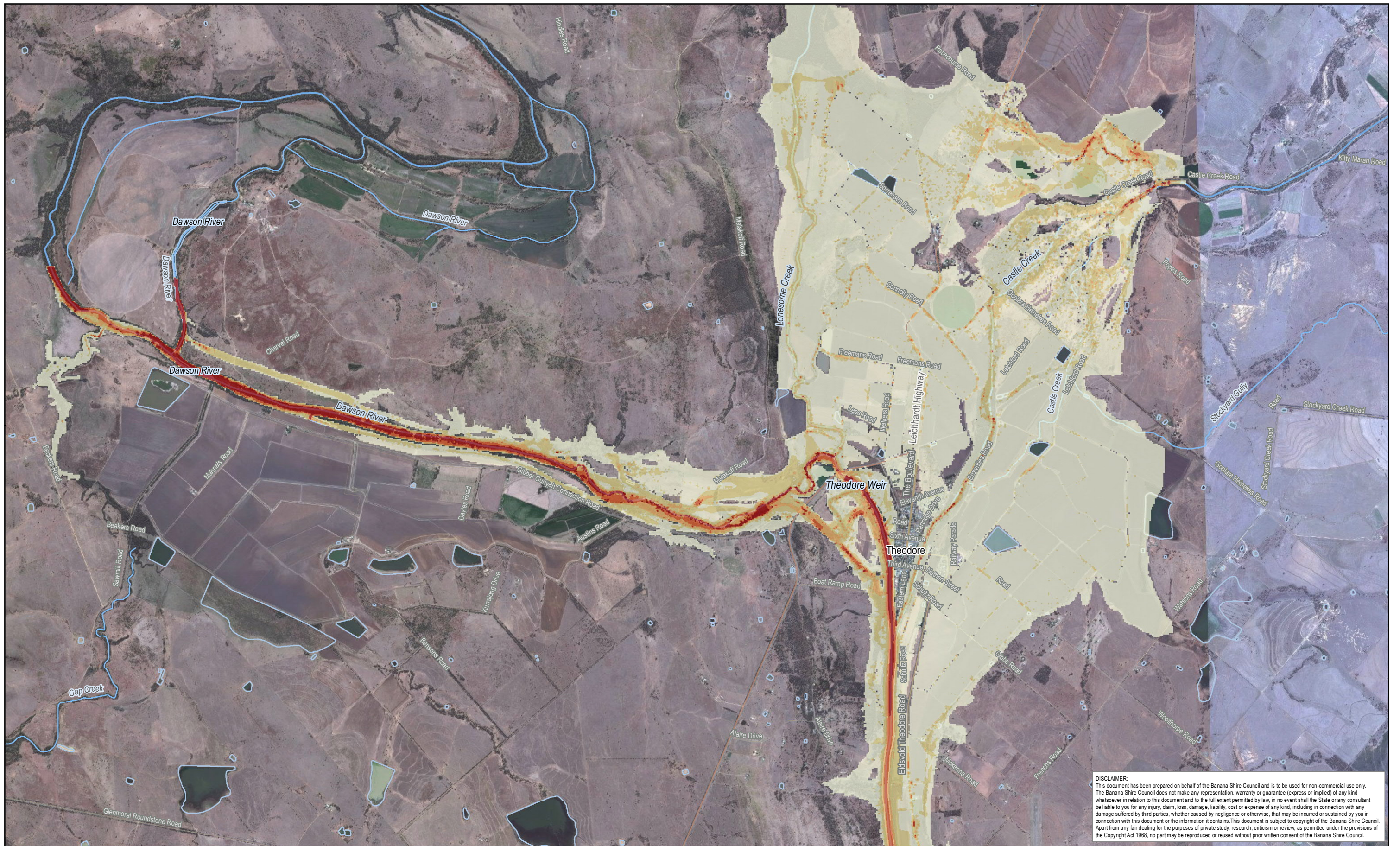
Projection: GDA 1994 MGA Zone 56

Scale at A3 - 1:50,000

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 Model Result: Theo\_20m\_10y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	04-TH-301
Theodore	
Maximum Flood Velocity	12/05/2016
10% AEP Event	
	0



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**KBR**

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BEW455-0003-TD-HY-GIS-0004-0302

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

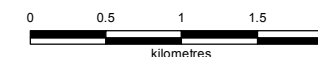
Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Theodore

Projection: GDA 1994 MGA Zone 56



Scale at A3 - 1:50,000

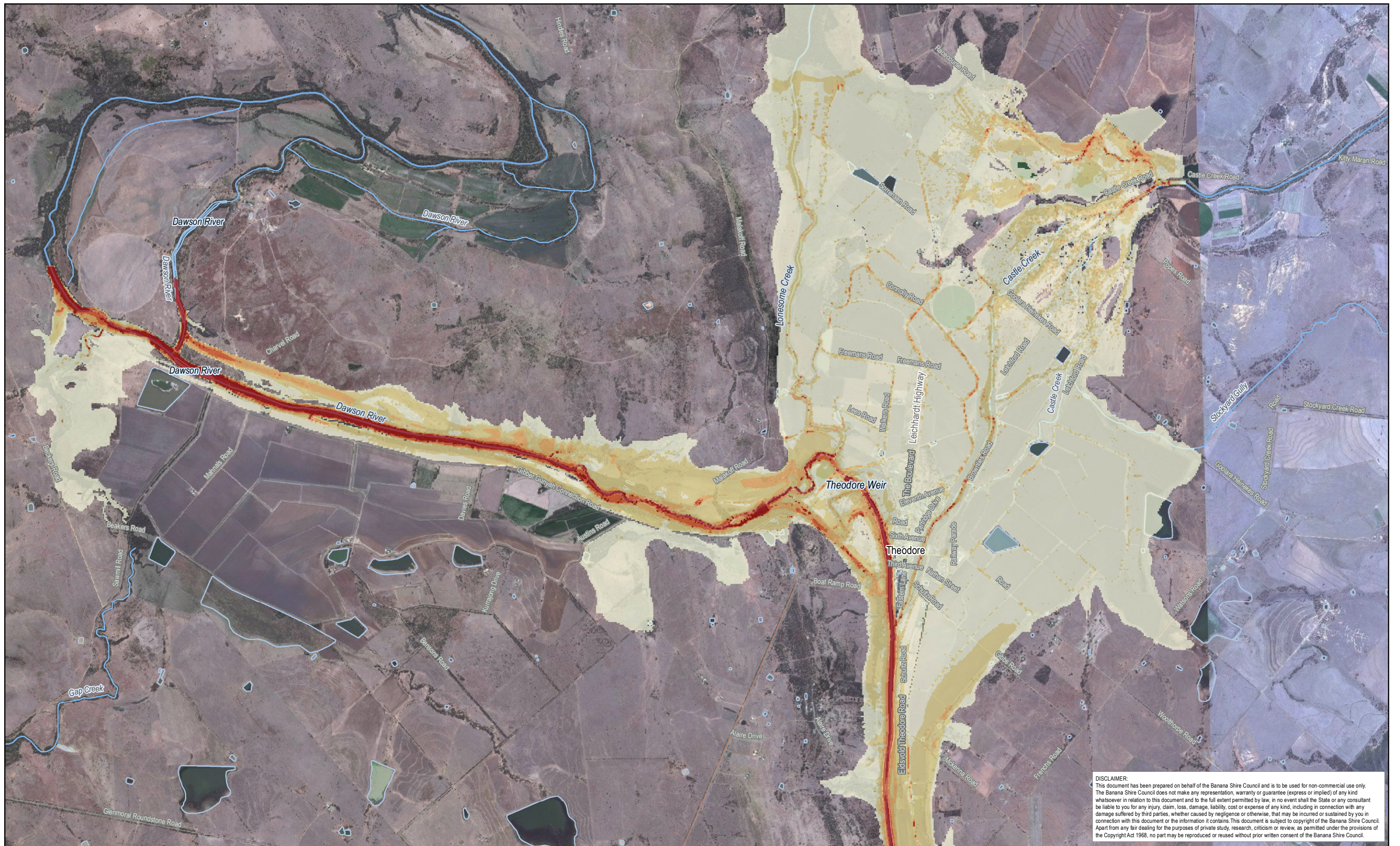
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 Model Result: Theo\_20m\_20y72h\_100\_V\_Max

**Banana Shire Flood Assessment**  
 Theodore  
 Maximum Flood Velocity  
 5% AEP Event

04-TH-302

12/05/2016

0



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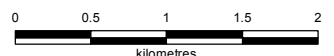
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

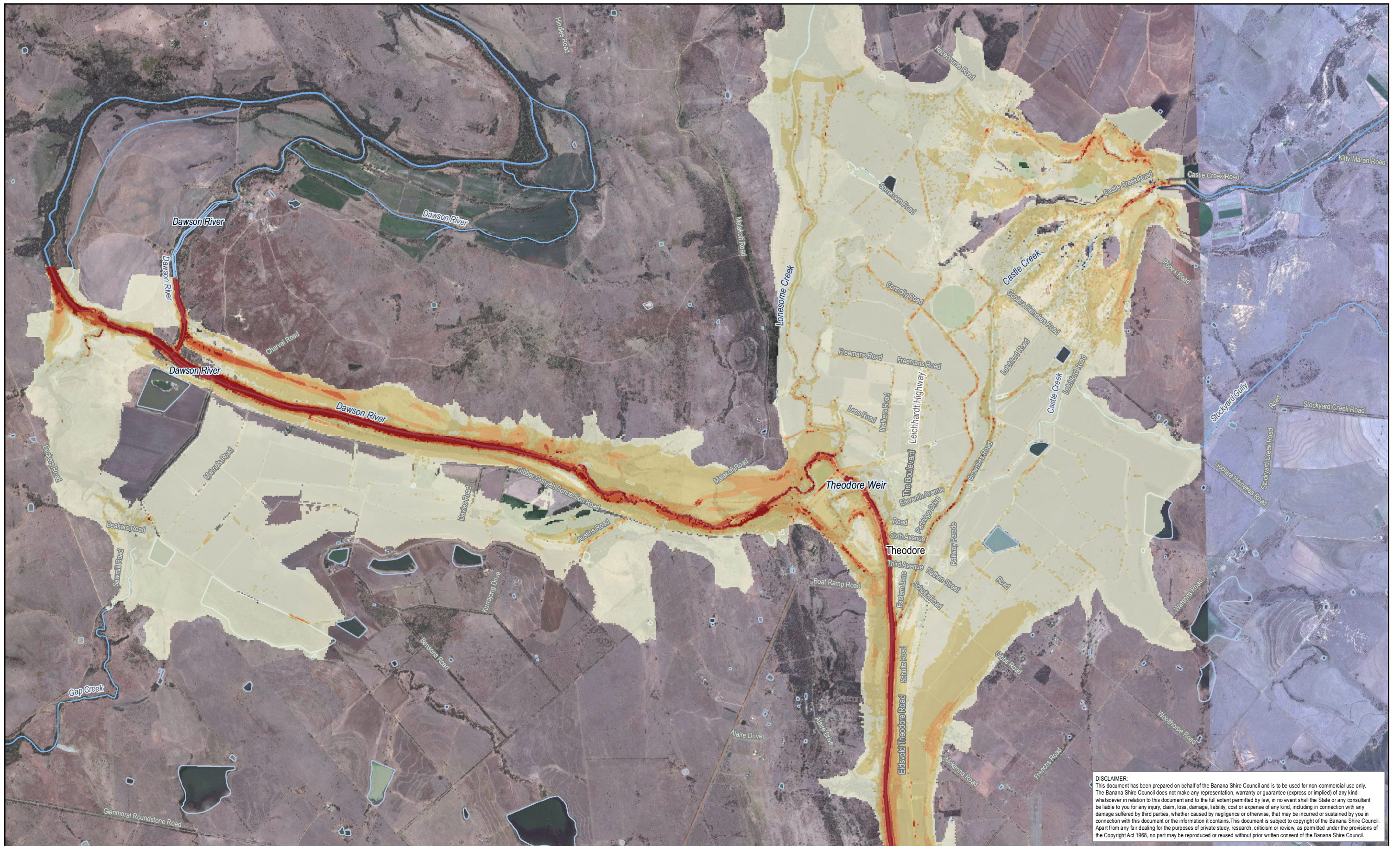
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Theodore      Projection: GDA 1994 MGA Zone 56


  
 Scale at A3 - 1:50,000

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 Model Result: Theo\_20m\_50y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	04-TH-303
Theodore Maximum Flood Velocity 2% AEP Event	12/05/2016
0	



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BEW455-0003-TD-HY-GIS-0004-0304

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

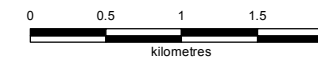
Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Theodore

Projection: GDA 1994 MGA Zone 56



Scale at A3 - 1:50,000

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 Model Result: Theo\_20m\_100y72h\_100\_V\_Max

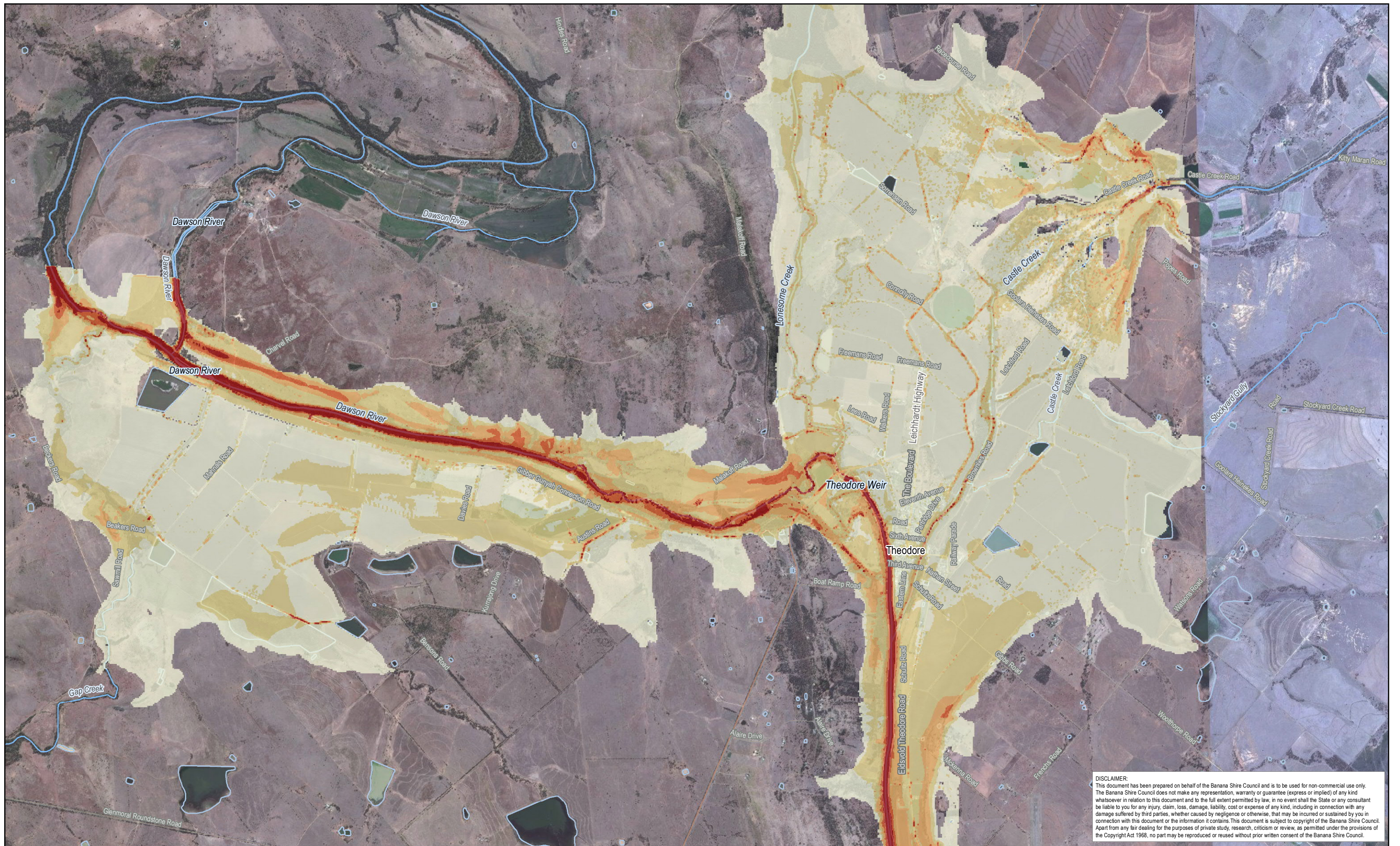
**Banana Shire Flood Assessment**

Theodore  
 Maximum Flood Velocity  
 1% AEP Event

04-TH-304

12/05/2016

0



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BEW455-0003-TD-HY-GIS-0004-0305

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

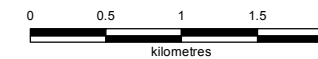
Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Theodore

Projection: GDA 1994 MGA Zone 56



Scale at A3 - 1:50,000

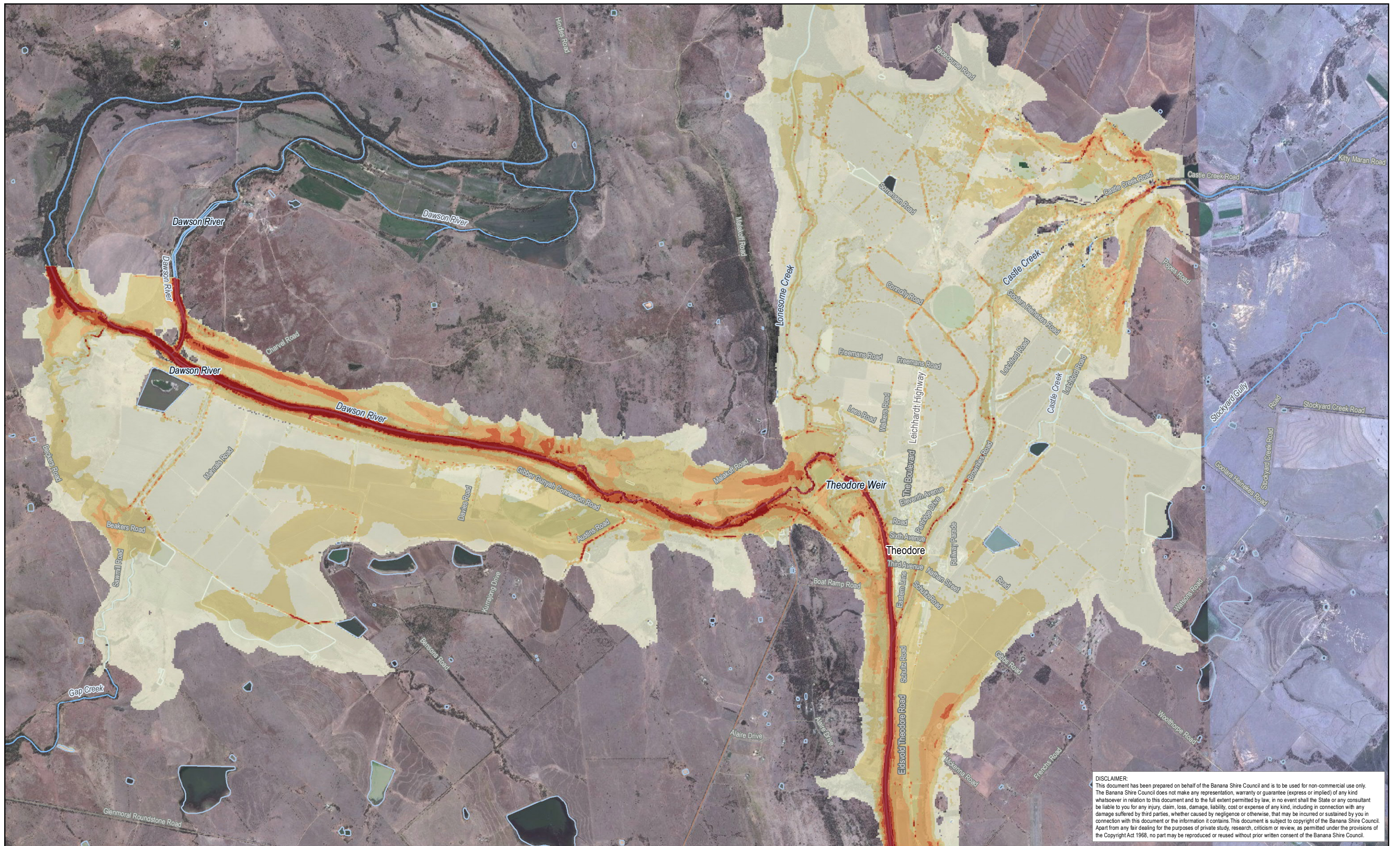
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 Model Result: Theo\_20m\_100y72hCC\_100\_V\_Max

**Banana Shire Flood Assessment**  
 Theodore  
 Maximum Flood Velocity  
 1% AEP plus Climate Change Event

04-TH-305

12/05/2016

0



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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

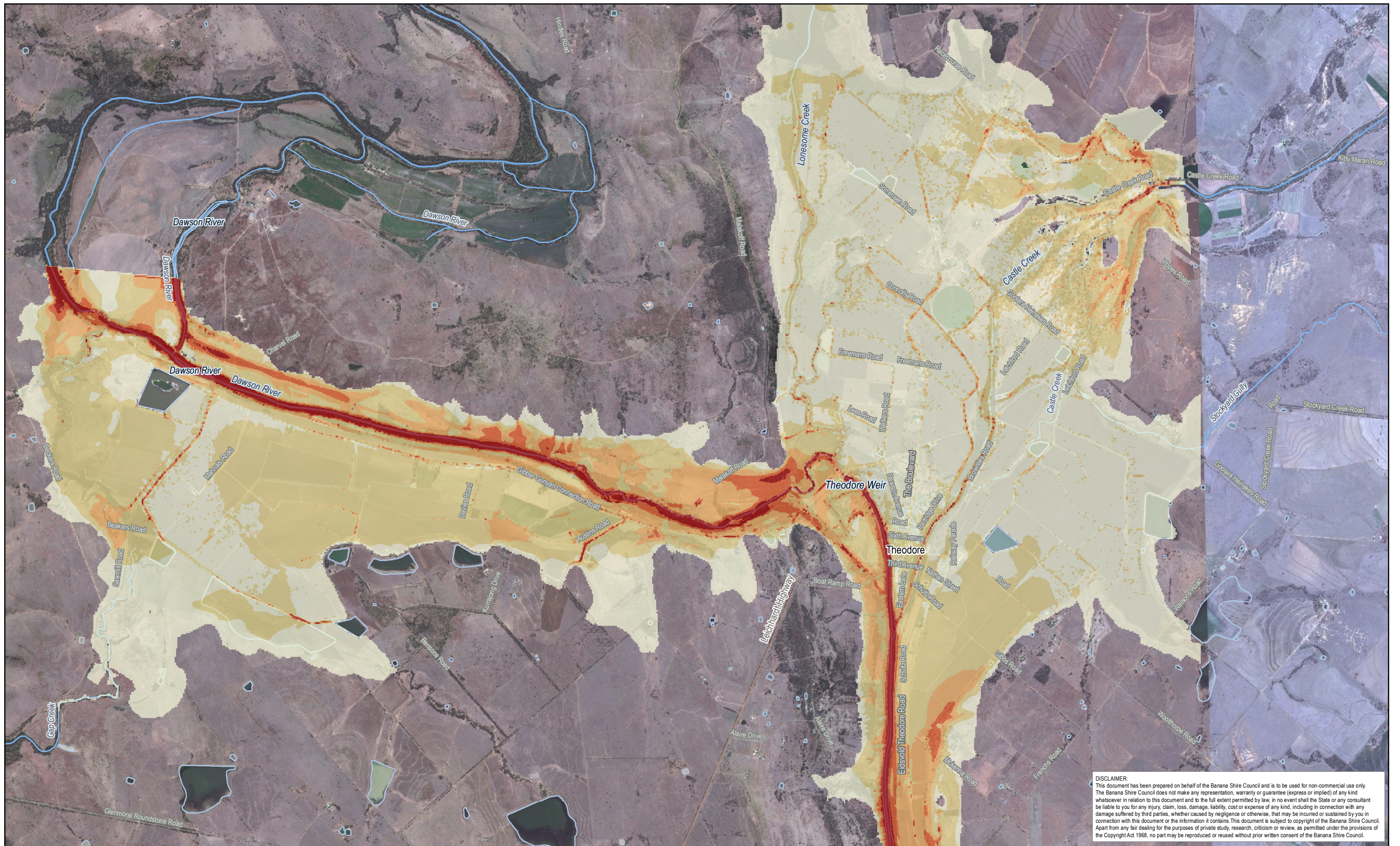
Locality: Theodore      Projection: GDA 1994 MGA Zone 56

Scale at A3 - 1:50,000

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 Model Result: Theo\_20m\_500y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	04-TH-306
Theodore	
Maximum Flood Velocity	12/05/2016
0.2% AEP Event	
	0



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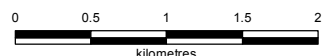
**KBR**  
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 ABN 91 007 660 317  
 BEW455-0003-TD-HY-GIS-0004-0307

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

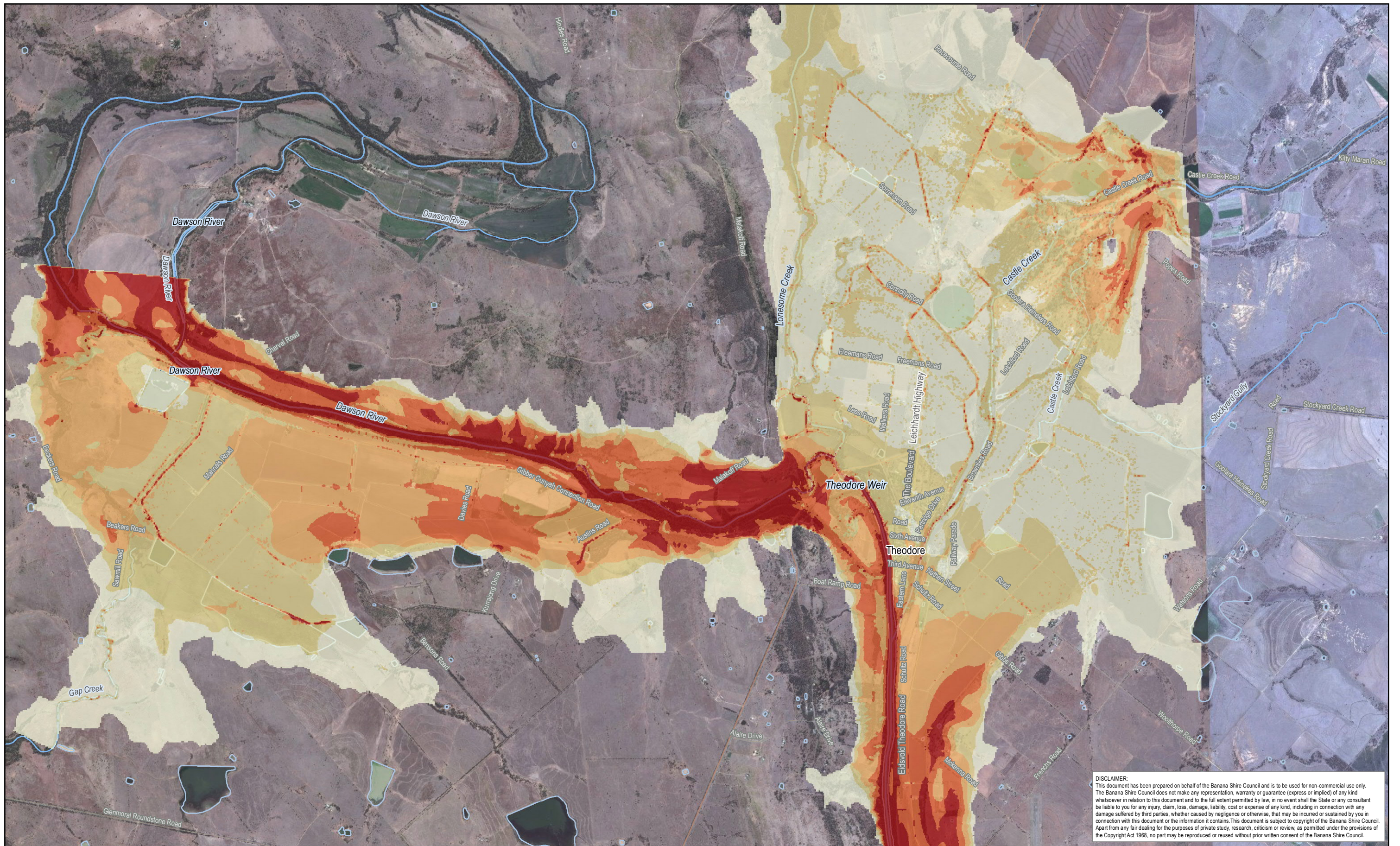
- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY  
 Locality: Theodore      Projection: GDA 1994 MGA Zone 56


  
 Scale at A3 - 1:50,000  
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 Model Result: Theo\_20m\_2000y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	04-TH-307
Theodore Maximum Flood Velocity 0.05% AEP Event	16/05/2016
0	





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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)


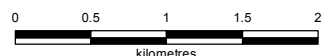
- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

Locality: Theodore



**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Projection: GDA 1994 MGA Zone 56

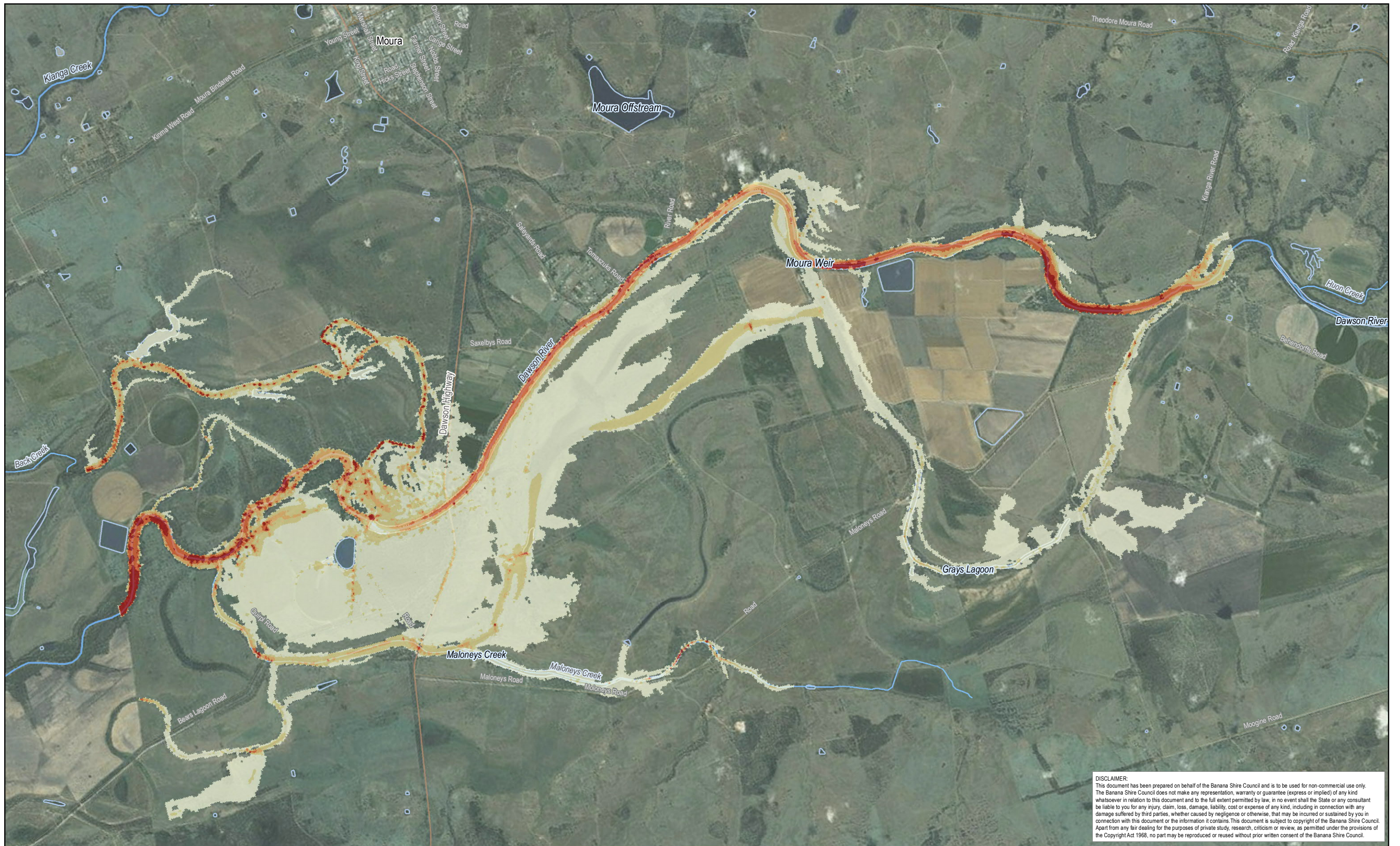



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 Model Result: Theo\_20m\_PMF96h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	04-TH-308
Theodore	
Maximum Flood Velocity	12/05/2016
PMP Event	0



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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

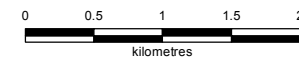
Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Moura

Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:55,000

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 Model Result: Mou\_30m\_20y72h\_100\_V\_Max

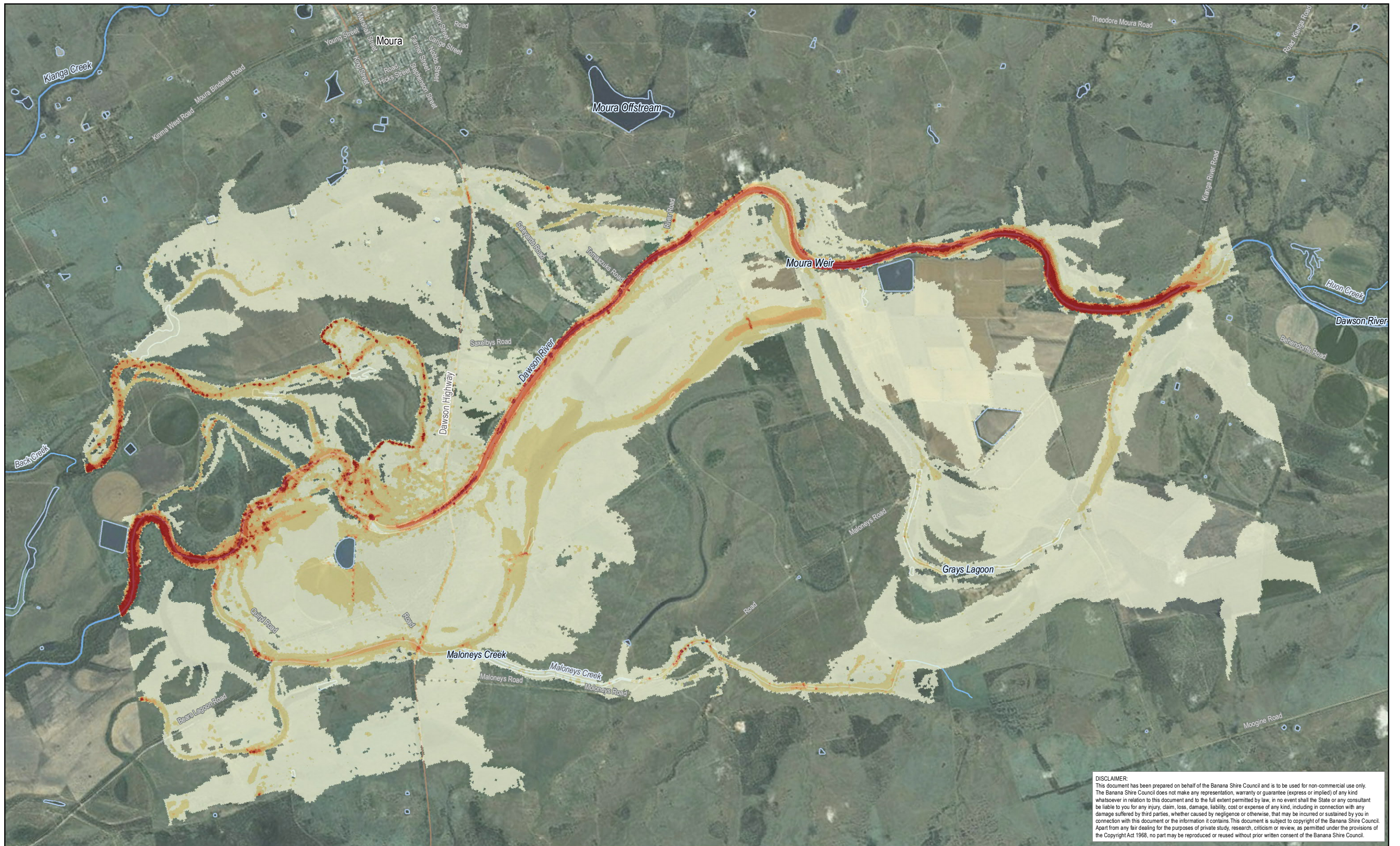
**Banana Shire Flood Assessment**

Moura  
 Maximum Flood Velocity  
 5% AEP Event

05-MO-301

12/05/2016

0



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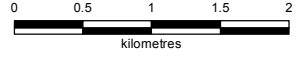
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

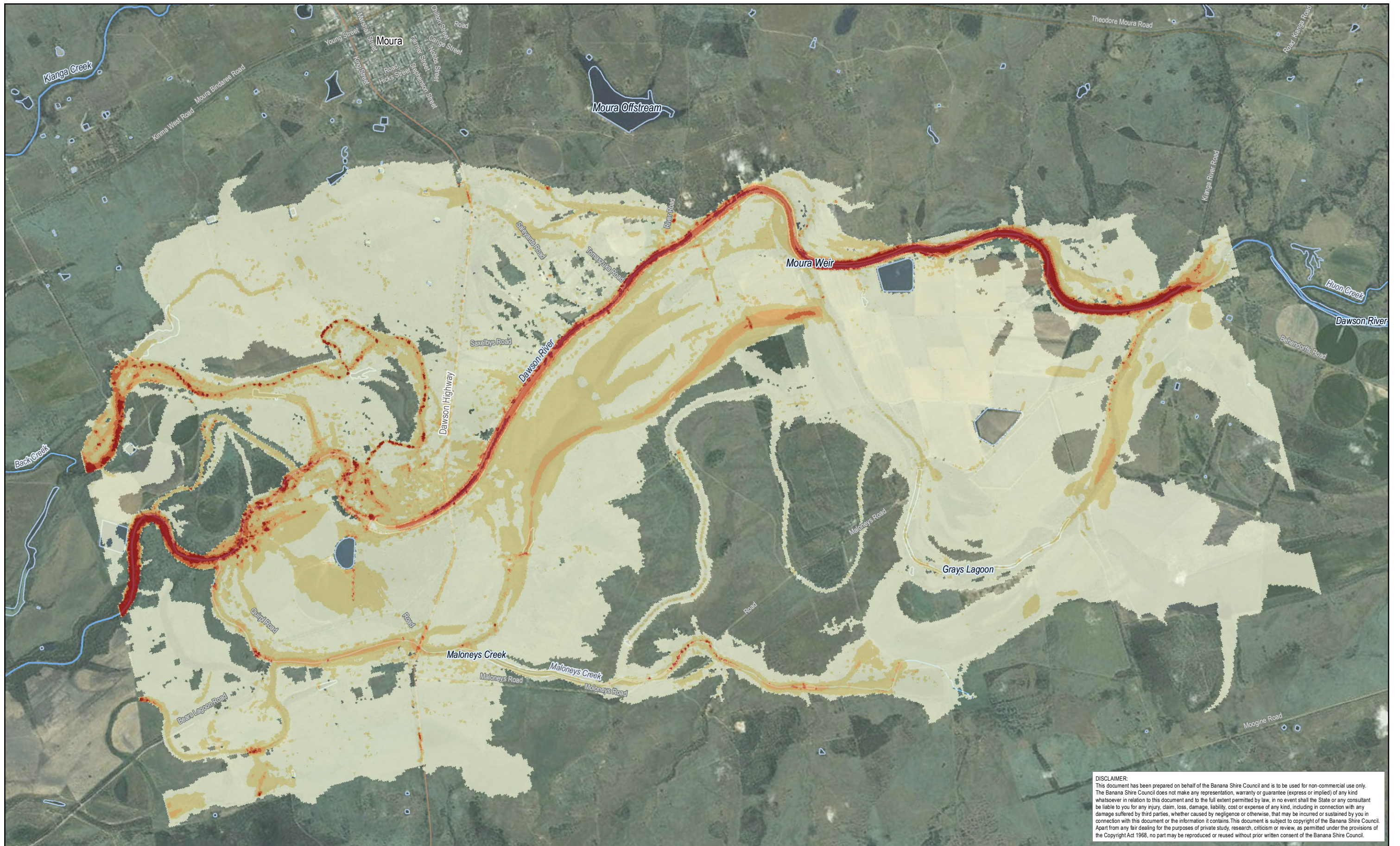
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Moura      Projection: GDA 1994 MGA Zone 55


  
 Scale at A3 - 1:55,000

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 Model Result: Mou\_30m\_50y72h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	05-MO-302
Moura	
Maximum Flood Velocity	12/05/2016
2% AEP Event	0



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BEW455-0003-TD-HY-GIS-0005-0303

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

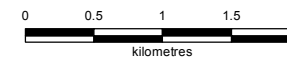
Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Moura

Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:55,000

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 Model Result: Mou\_30m\_100y72h\_100\_V\_Max

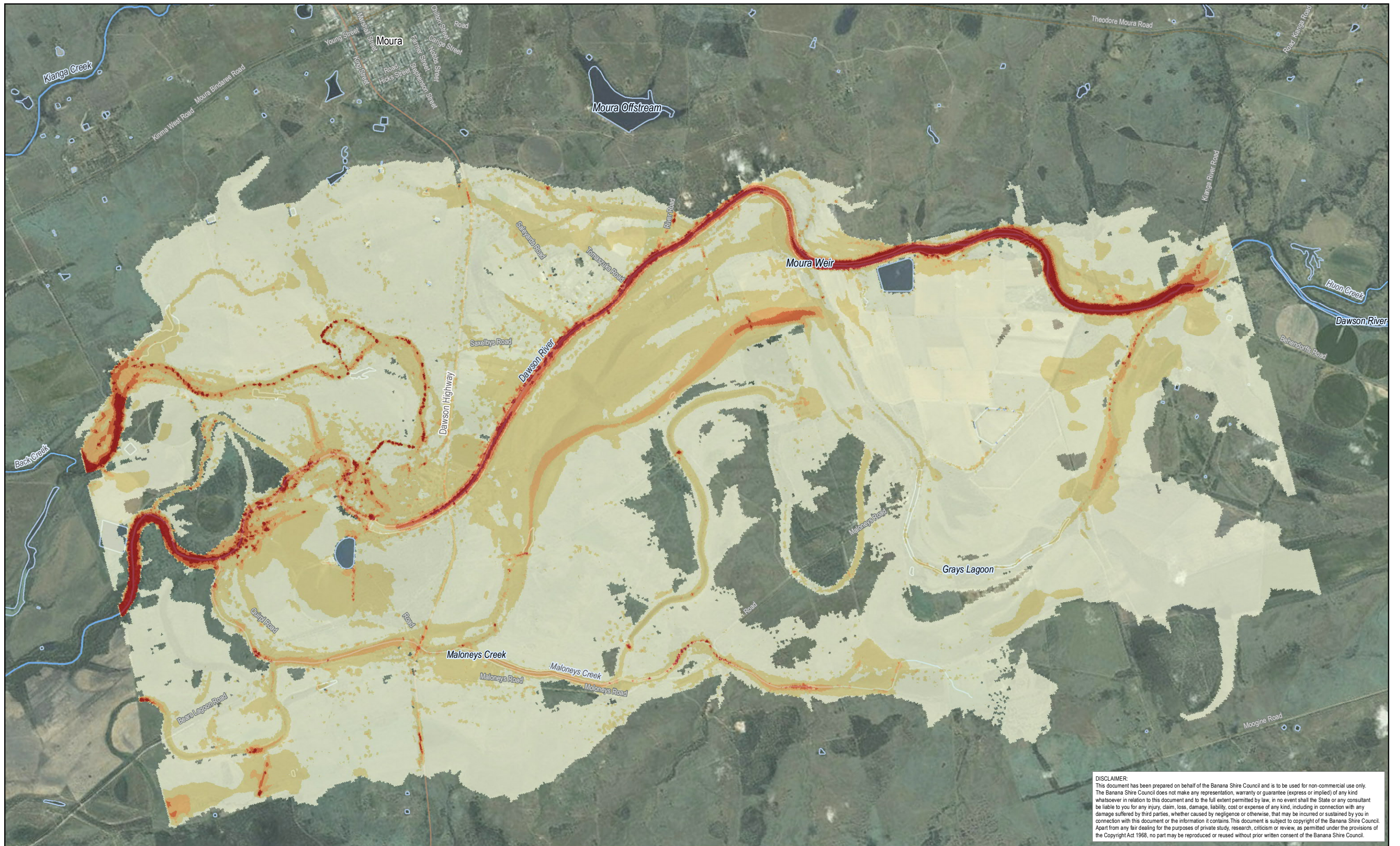
**Banana Shire Flood Assessment**

Moura  
 Maximum Flood Velocity  
 1% AEP Event

05-MO-303

12/05/2016

0



**KBR**

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 ABN 91 007 660 317

BEW455-0003-TD-HY-GIS-0005-0304

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

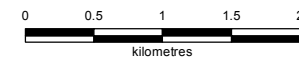
Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

Locality: Moura



Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:55,000

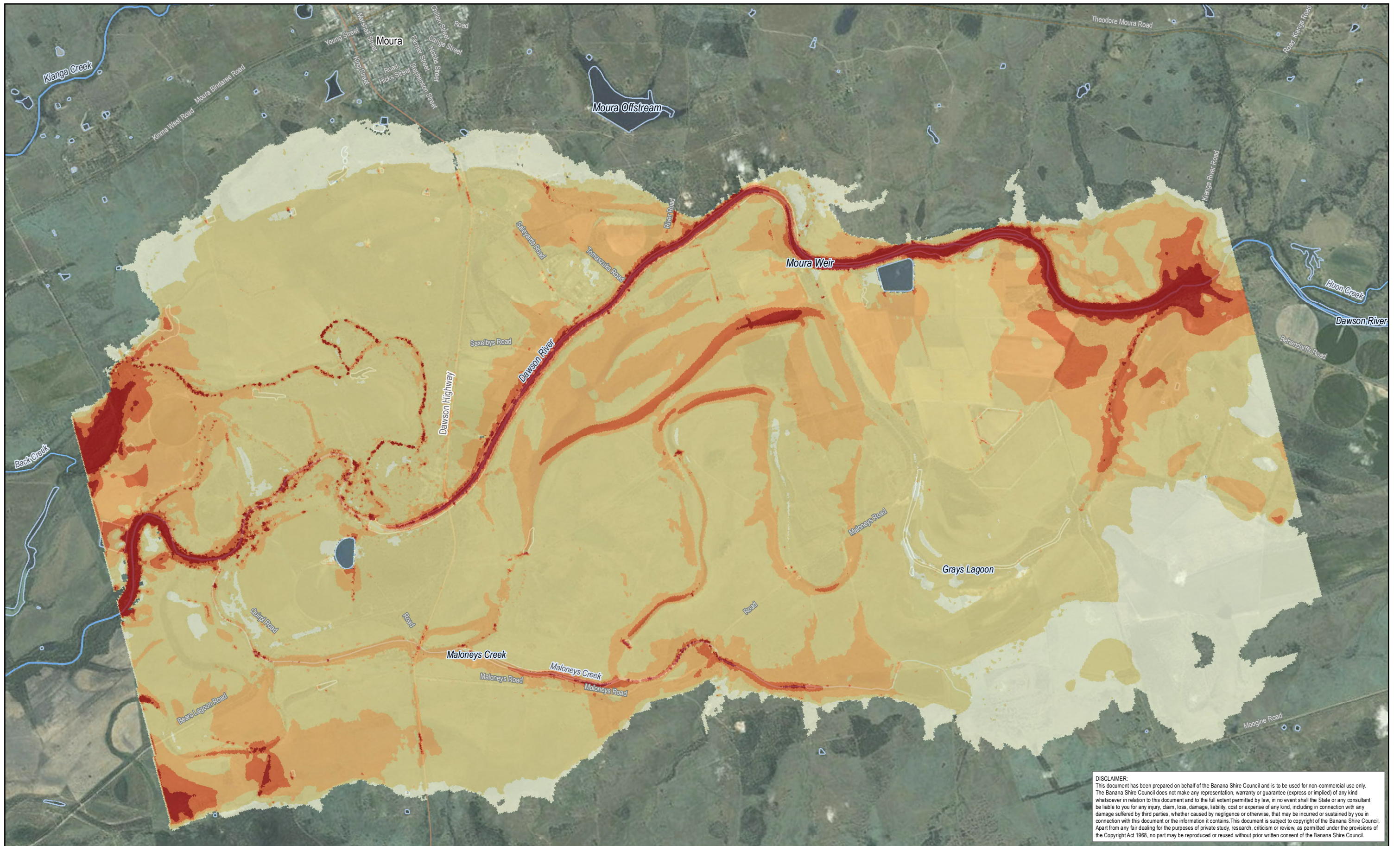
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 Model Result: Mou\_30m\_10072rCC\_100\_V\_Max

**Banana Shire Flood Assessment**  
 Moura  
 Maximum Flood Velocity  
 1% AEP plus Climate Change Event

05-MO-304

12/05/2016

0



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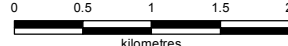
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0

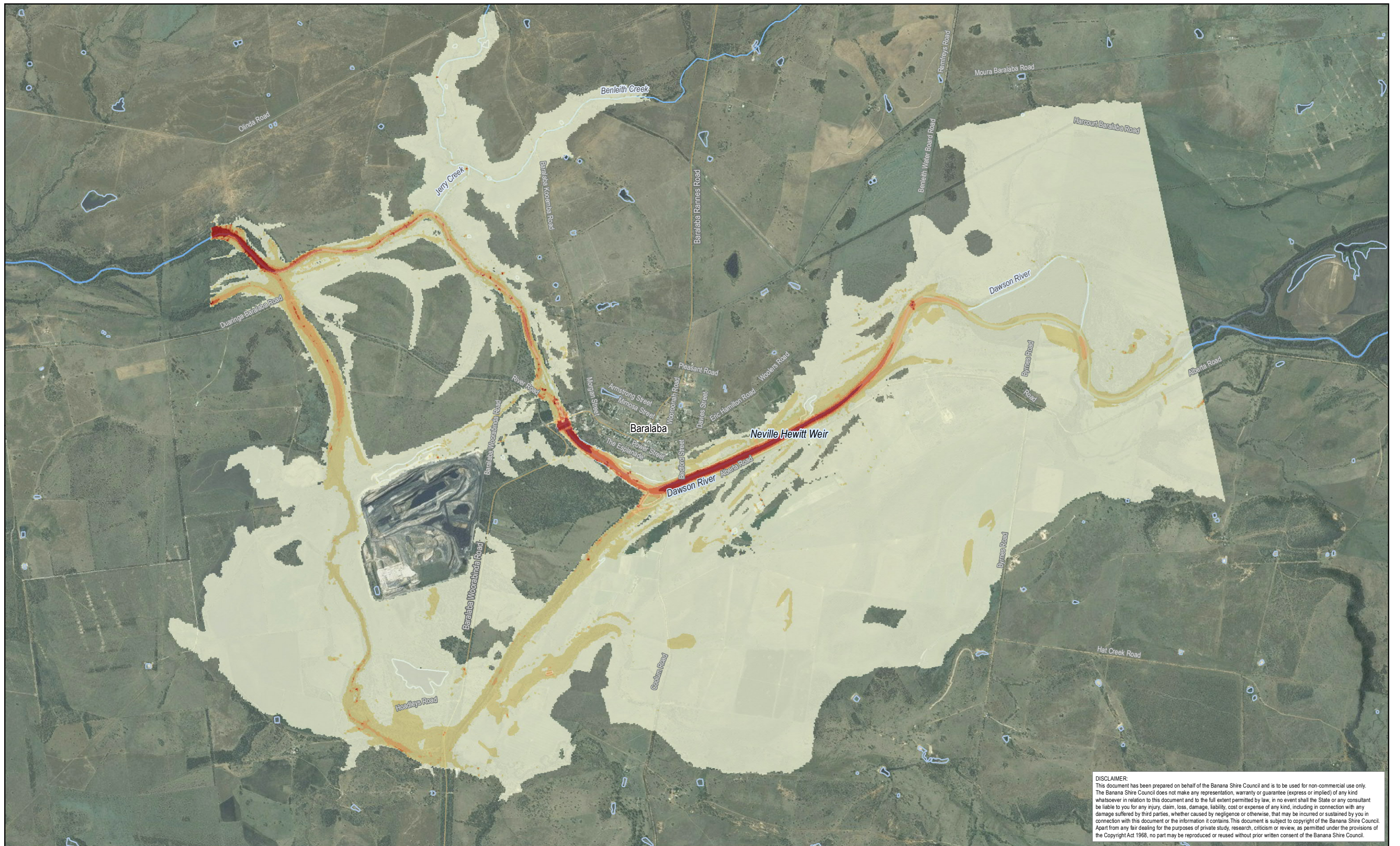
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Moura      Projection: GDA 1994 MGA Zone 55


  
 Scale at A3 - 1:55,000

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 Model Result: Mou\_30m\_PMF96h\_100\_V\_Max

<b>Banana Shire Flood Assessment</b>	
Moura Maximum Flood Velocity PMP Event	05-MO-305
	12/05/2016
	0



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BEW455-0003-TD-HY-GIS-0006-0301

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

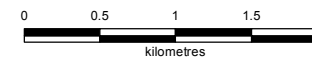
Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Baralaba

Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:50,000

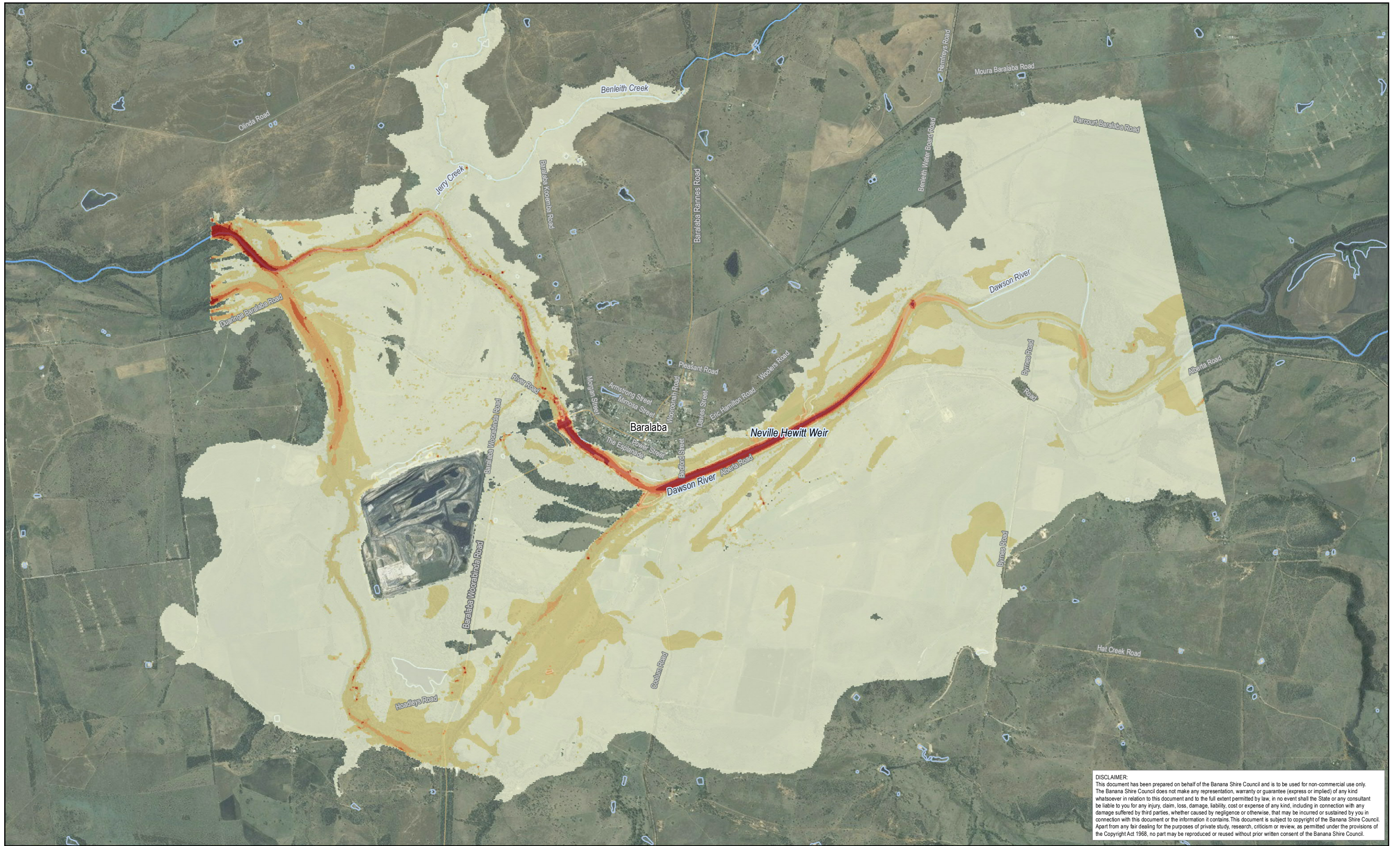
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 Model Result: Bar\_20m\_20y72h\_100\_V\_Max

**Banana Shire Flood Assessment**  
 Baralaba  
 Maximum Flood Velocity  
 5% AEP Event

06-BA-301

12/05/2016

0



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BEW455-0003-TD-HY-GIS-0006-0302

POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

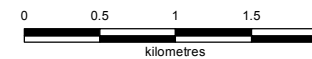
Flood Velocity (m/s)

-  < 0.5
-  0.5 – 1.0
-  1.0 – 1.5
-  1.5 – 2.0
-  2.0 – 2.5
-  > 2.5



Locality: Baralaba

Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:50,000

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 Model Result: Bar\_20m\_50y72h\_100\_V\_Max

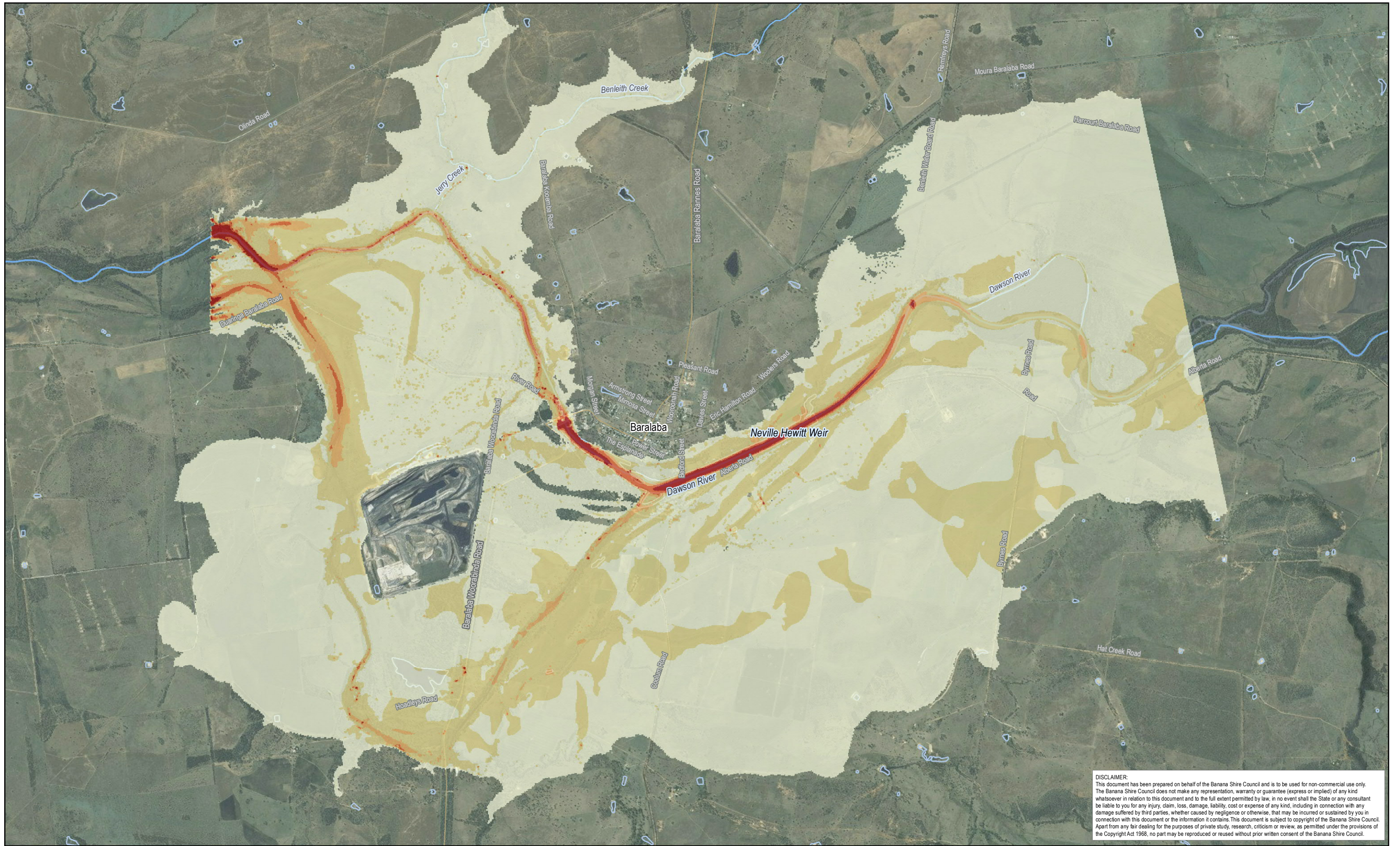
**Banana Shire Flood Assessment**  
 Baralaba  
 Maximum Flood Velocity  
 2% AEP Event

06-BA-302

12/05/2016

0





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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

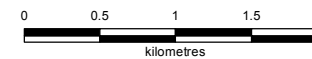
Flood Velocity (m/s)

- <math>< 0.5</math>
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Baralaba

Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:50,000

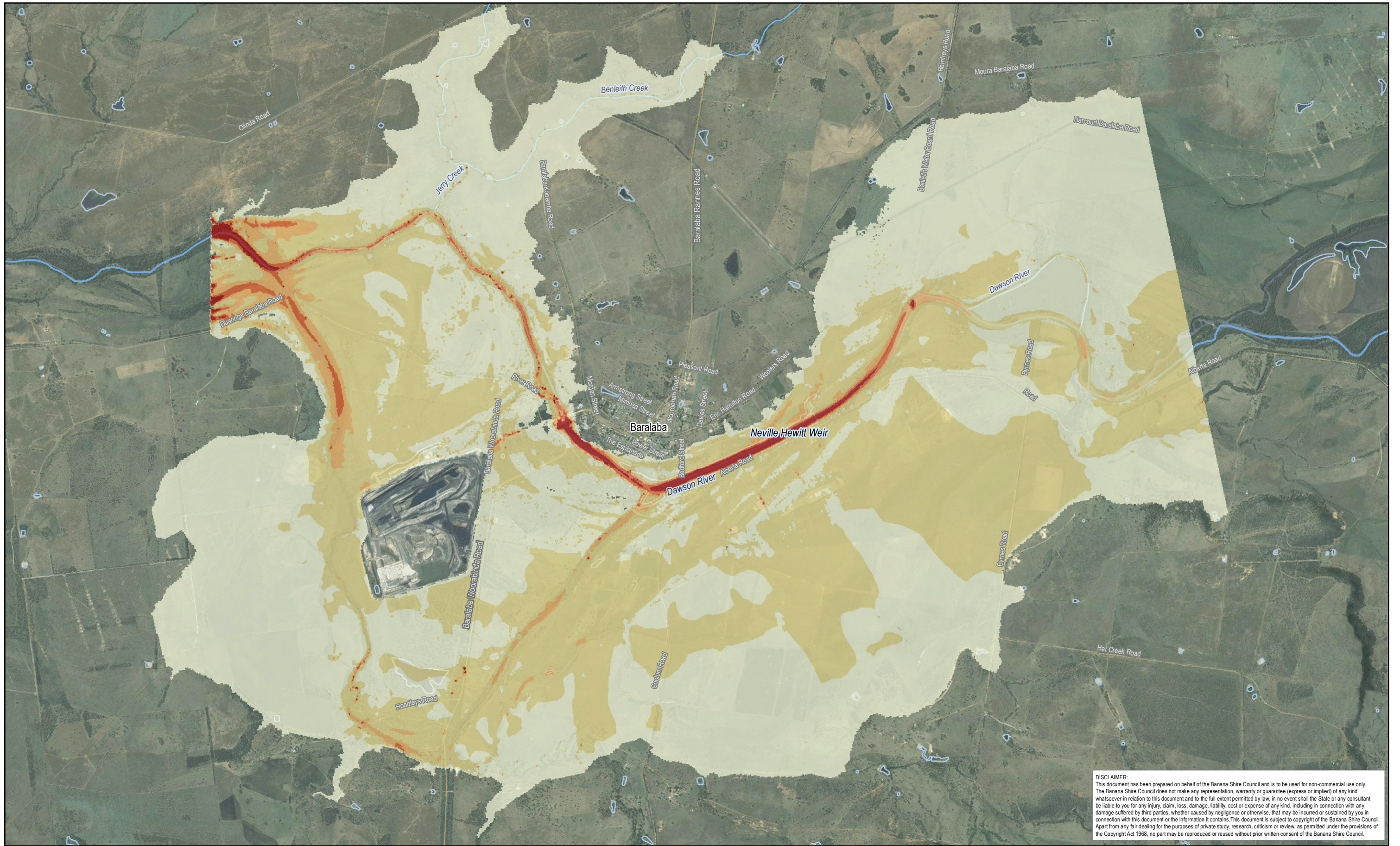
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 Model Result: Bar\_20m\_100y72h\_100\_V\_Max

**Banana Shire Flood Assessment**  
 Baralaba  
 Maximum Flood Velocity  
 1% AEP Event

06-BA-303

12/05/2016

0



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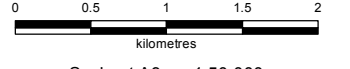
POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**  
 Flood Velocity (m/s)

- < 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- > 2.0

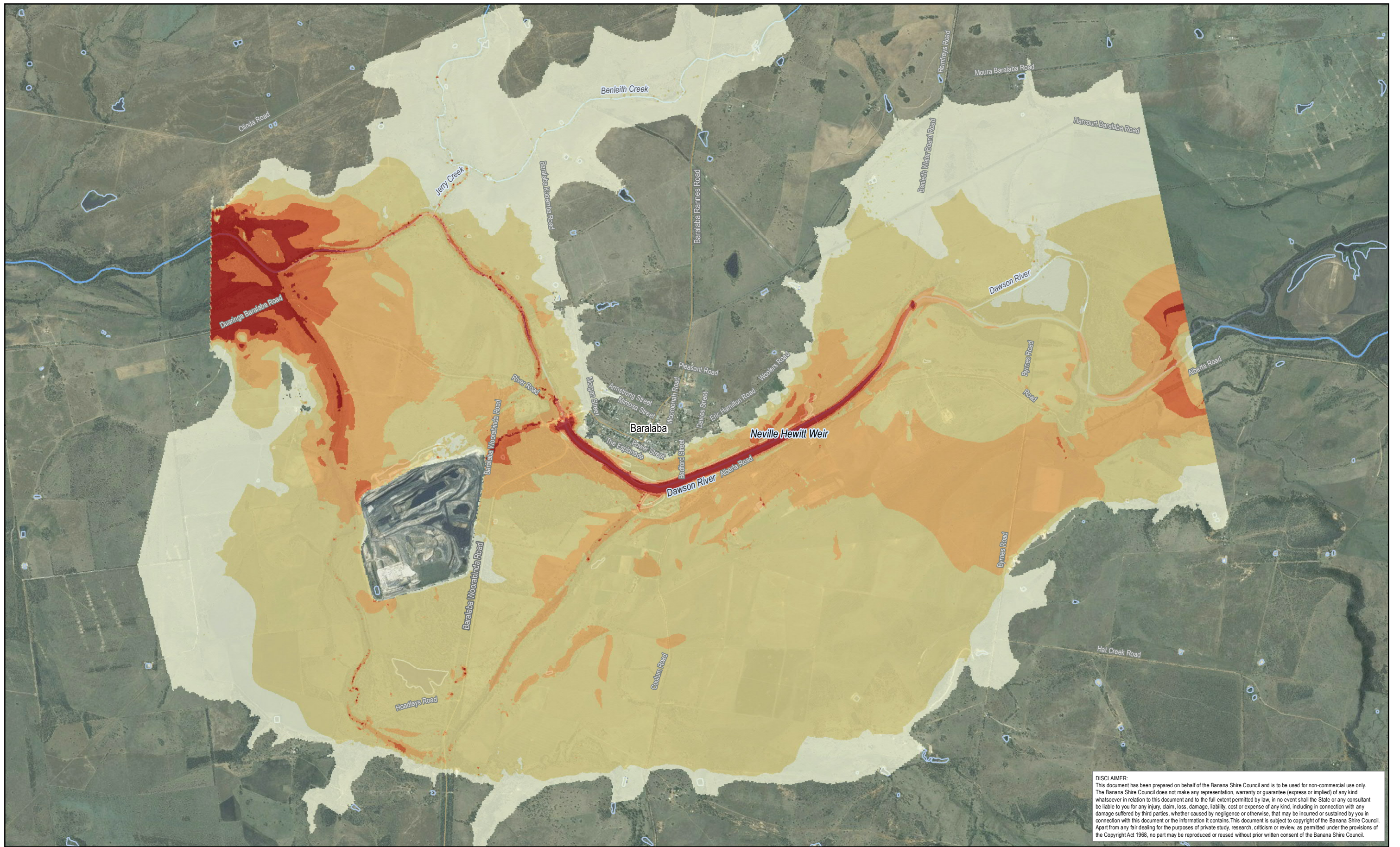
  
**Banana SHIRE**  
 SHIRE OF OPPORTUNITY

Locality: Baralaba      Projection: GDA 1994 MGA Zone 55


  
 Scale at A3 - 1:50,000

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 Model Result: Bar\_20m\_10072hCC\_100\_V\_Max

<b>Banana Shire Flood Assessment</b> Baralaba Maximum Flood Velocity 1% AEP plus Climate Change Event	06-BA-304
	12/05/2016
	0



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POSITION	NAME	SIGNATURE
PREPARED	E. SYMONS	
MAPPED	E. M <sup>C</sup> COWAN	
CHECKED	A. CHAPMAN	
APPROVED	H. BETTS	

**Legend**

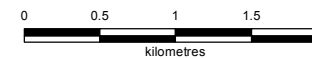
Flood Velocity (m/s)

- < 0.5
- 0.5 – 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- > 2.0



Locality: Baralaba

Projection: GDA 1994 MGA Zone 55



Scale at A3 - 1:50,000

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 Model Result: Bar\_20m\_PMF96h\_100\_V\_Max

**Banana Shire Flood Assessment**

Baralaba  
 Maximum Flood Velocity  
 PMP Event

06-BA-305

12/05/2016

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