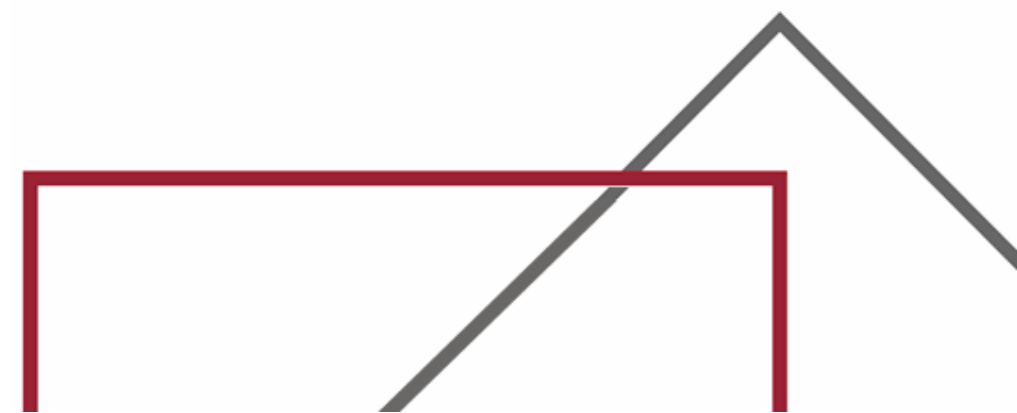


The Rhelm logo is repeated on the left side of the page, with the tagline "engineering | environmental | economics | engagement" below it.

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## Wolumla Creek Flood Study

Map Compendium



**Rhelm Pty Ltd**

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**Document Control**

Rev	Effective Date	Description of Revision	Prepared by:	Reviewed by:
00	19 March 2025	Issue to Client for comment	AR / LE	EM

**Prepared For:** Bega Valley Shire Council

**Project Name:** Wolumla Flood Study

**Rhelm Reference:** J1896

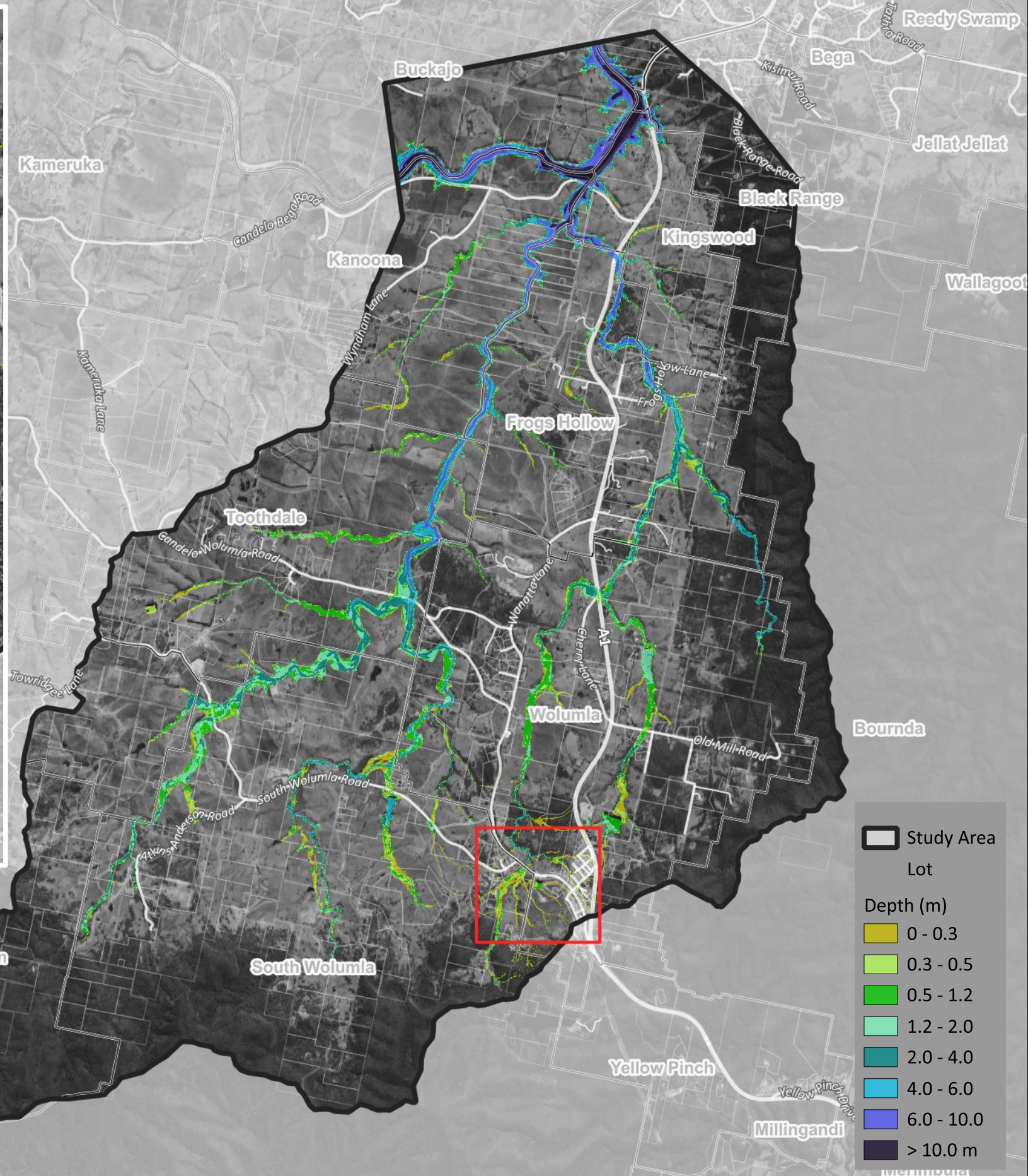
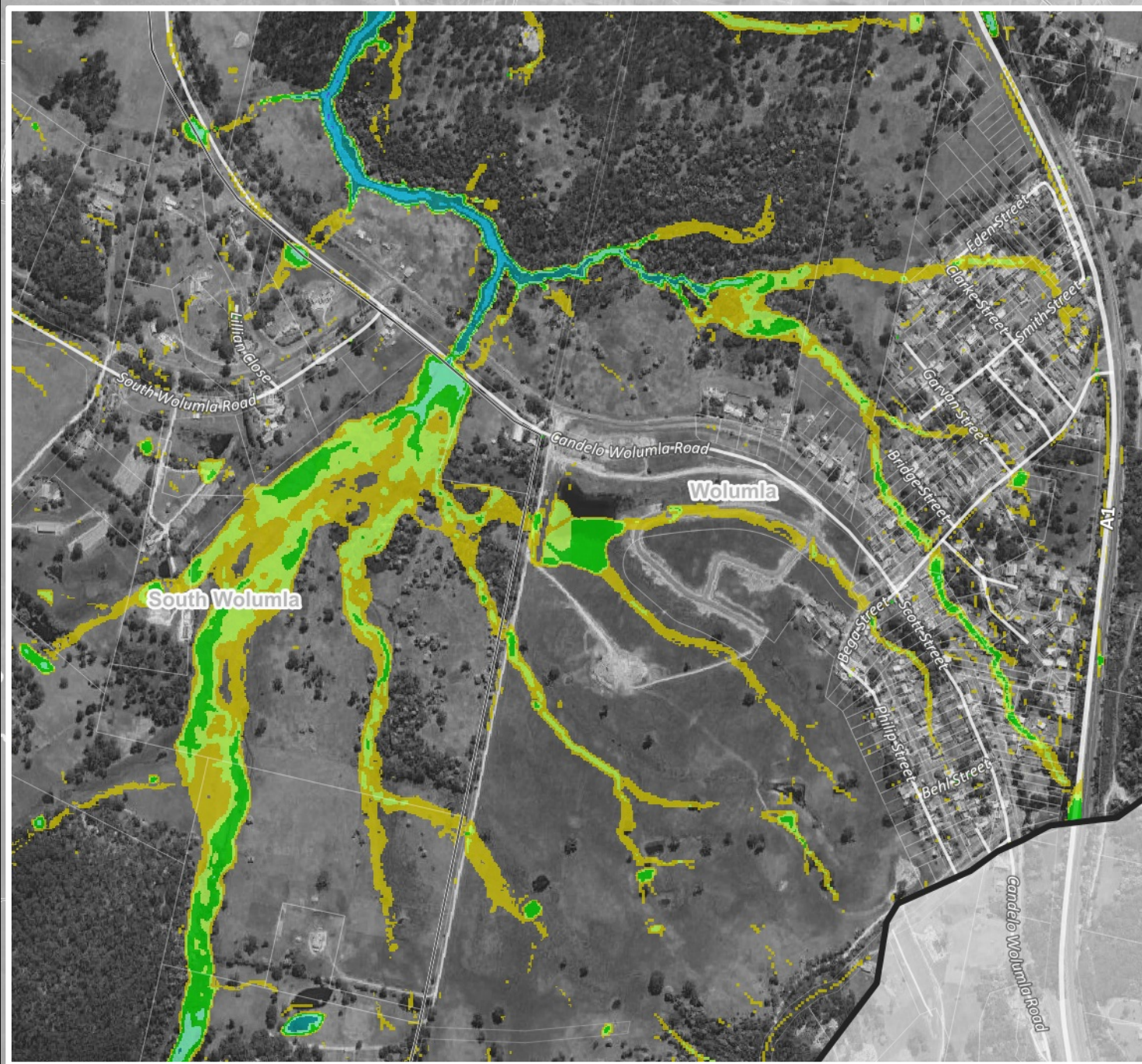
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*The report has been prepared and reviewed by suitably qualified persons. The scope of the report is based on the client brief and/or the Rhelm written fee proposal and assumes information provided by the client and sourced from other third parties is fit for purpose unless otherwise stated. The findings rely on a range of assumptions that are noted in the report.*



RG-01-00	Existing Scenario – Peak Flood Depth - PMF	RG-99-00	Sensitivity Assessment – Roughness +20%
RG-01-01	Existing Scenario – Peak Flood Depth – 0.2% AEP	RG-99-01	Sensitivity Assessment – Roughness -20%
RG-01-02	Existing Scenario – Peak Flood Depth – 0.5% AEP	RG-99-02	Sensitivity Assessment – Flow +20%
RG-01-03	Existing Scenario – Peak Flood Depth – 1% AEP	RG-99-03	Sensitivity Assessment – Flow -20%
RG-01-04	Existing Scenario – Peak Flood Depth – 2% AEP	RG-99-04	Sensitivity Assessment – Downstream Boundary +20%
RG-01-05	Existing Scenario – Peak Flood Depth – 5% AEP	RG-99-05	Sensitivity Assessment – Downstream Boundary -20%
RG-01-06	Existing Scenario – Peak Flood Depth – 10% AEP	RG-99-06	Sensitivity Assessment – Blockage
RG-01-07	Existing Scenario – Peak Flood Depth – 20% AEP		
RG-01-10	Existing Scenario – Peak Flood Water Level - PMF		
RG-01-11	Existing Scenario – Peak Flood Water Level – 0.2% AEP		
RG-01-12	Existing Scenario – Peak Flood Water Level – 0.5% AEP		
RG-01-13	Existing Scenario – Peak Flood Water Level – 1% AEP		
RG-01-14	Existing Scenario – Peak Flood Water Level – 2% AEP		
RG-01-15	Existing Scenario – Peak Flood Water Level – 5% AEP		
RG-01-16	Existing Scenario – Peak Flood Water Level – 10% AEP		
RG-01-17	Existing Scenario – Peak Flood Water Level – 20% AEP		
RG-01-20	Existing Scenario – Peak Flood Velocity - PMF		
RG-01-21	Existing Scenario – Peak Flood Velocity – 0.2% AEP		
RG-01-22	Existing Scenario – Peak Flood Velocity – 0.5% AEP		
RG-01-23	Existing Scenario – Peak Flood Velocity – 1% AEP		
RG-01-24	Existing Scenario – Peak Flood Velocity – 2% AEP		
RG-01-25	Existing Scenario – Peak Flood Velocity – 5% AEP		
RG-01-26	Existing Scenario – Peak Flood Velocity – 10% AEP		
RG-01-27	Existing Scenario – Peak Flood Velocity – 20% AEP		
RG-01-30	Road Inundation		
RG-02-00	Existing Scenario – Peak Flood Hazard - PMF		
RG-02-01	Existing Scenario – Peak Flood Hazard – 0.2% AEP		
RG-02-02	Existing Scenario – Peak Flood Hazard – 0.5% AEP		
RG-02-03	Existing Scenario – Peak Flood Hazard – 1% AEP		
RG-02-04	Existing Scenario – Peak Flood Hazard – 2% AEP		
RG-02-05	Existing Scenario – Peak Flood Hazard – 5% AEP		
RG-02-06	Existing Scenario – Peak Flood Hazard – 10% AEP		
RG-02-07	Existing Scenario – Peak Flood Hazard – 20% AEP		
RG-03-00	Existing Scenario – Flood Function – PMF		
RG-03-01	Existing Scenario – Flood Function – 1% AEP		
RG-04-00	Climate Change Impacts 2050		
RG-04-01	Climate Change Impacts 2100		





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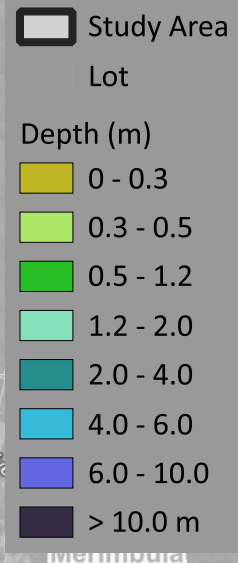
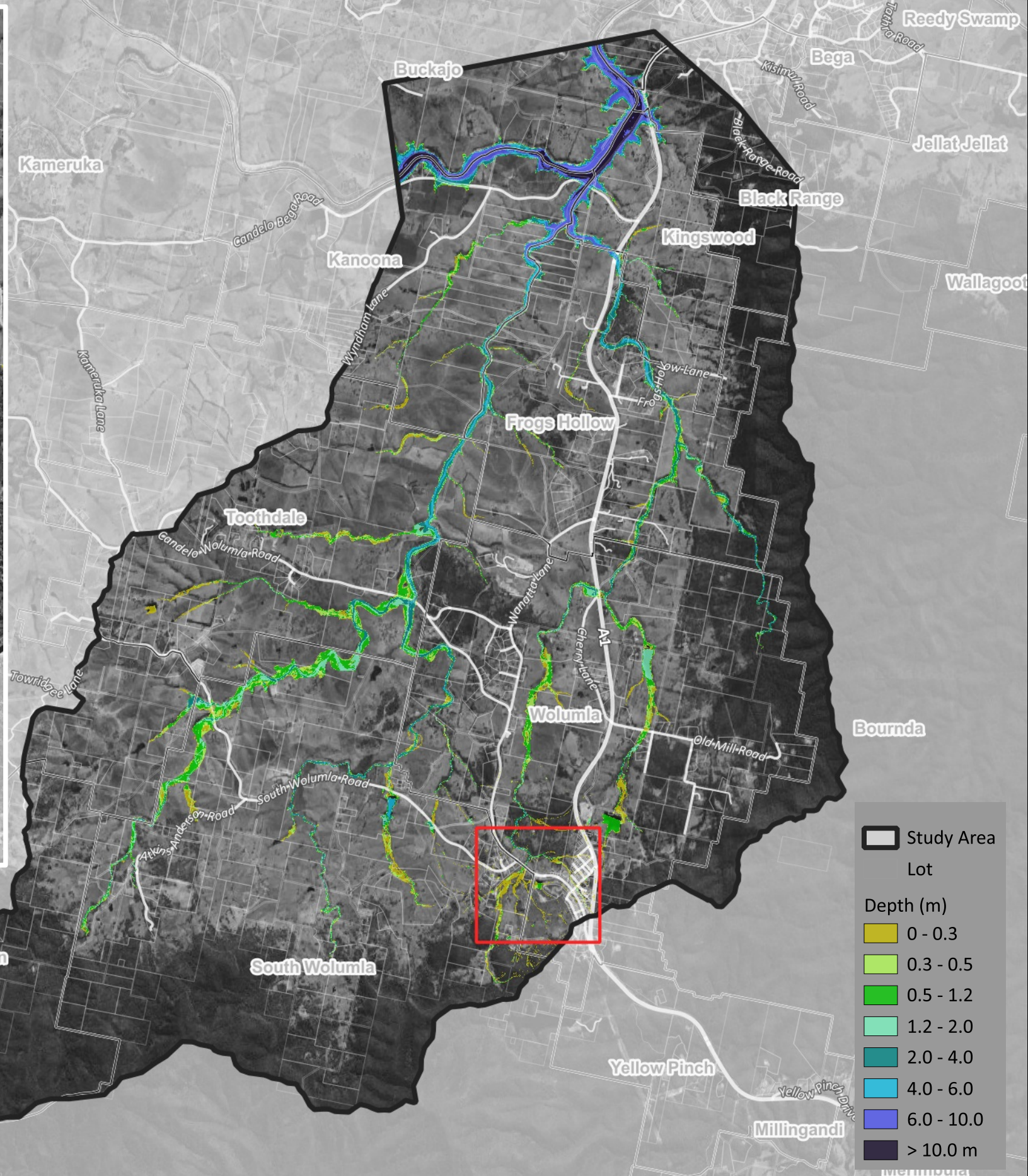
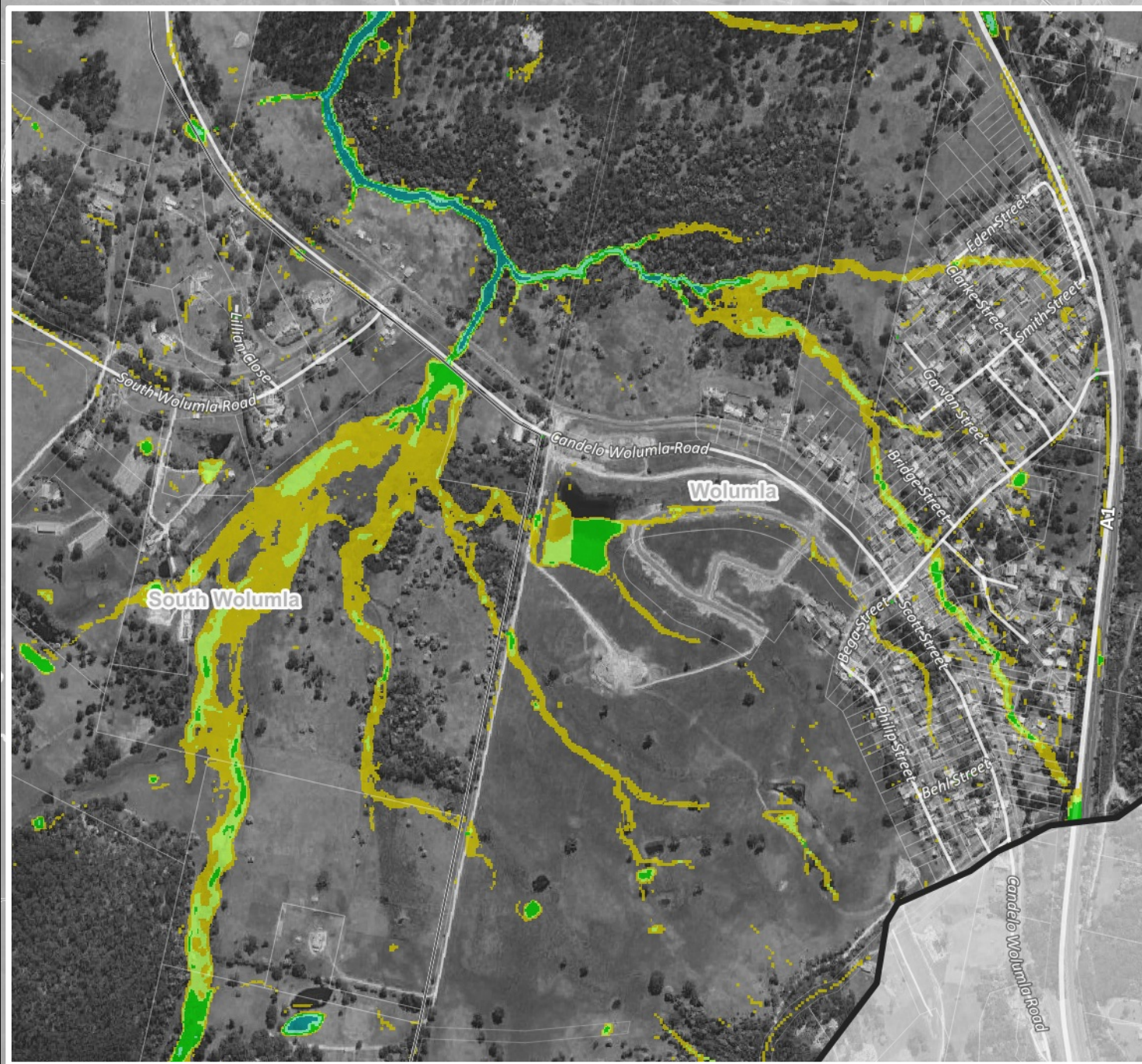


**Wolumla FS FRMSP**  
**Peak Flood Depth - PMF**  
**Existing Scenario**

RG-01-00

11896 - Wolumla - Flood Maps Rev001.agz





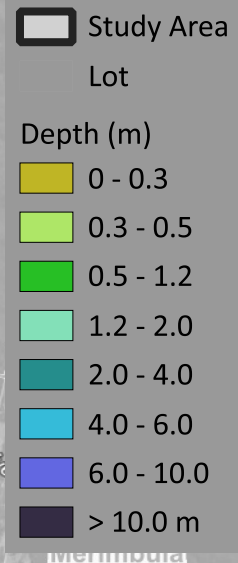
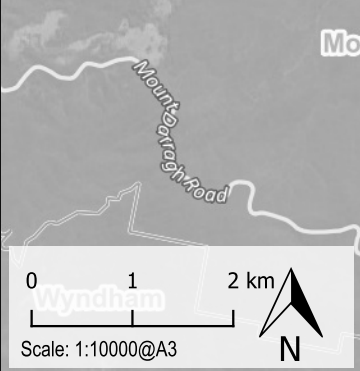
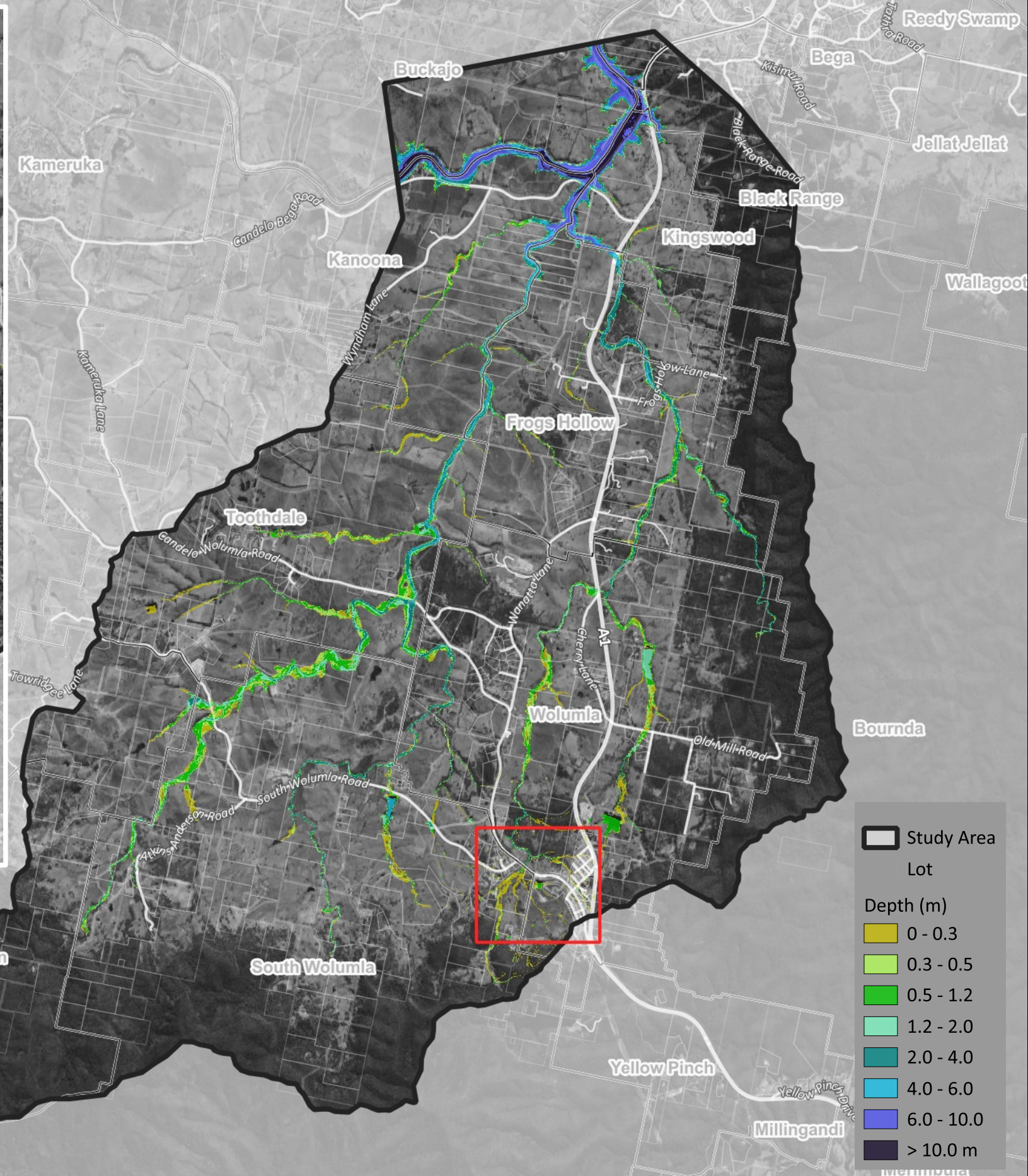
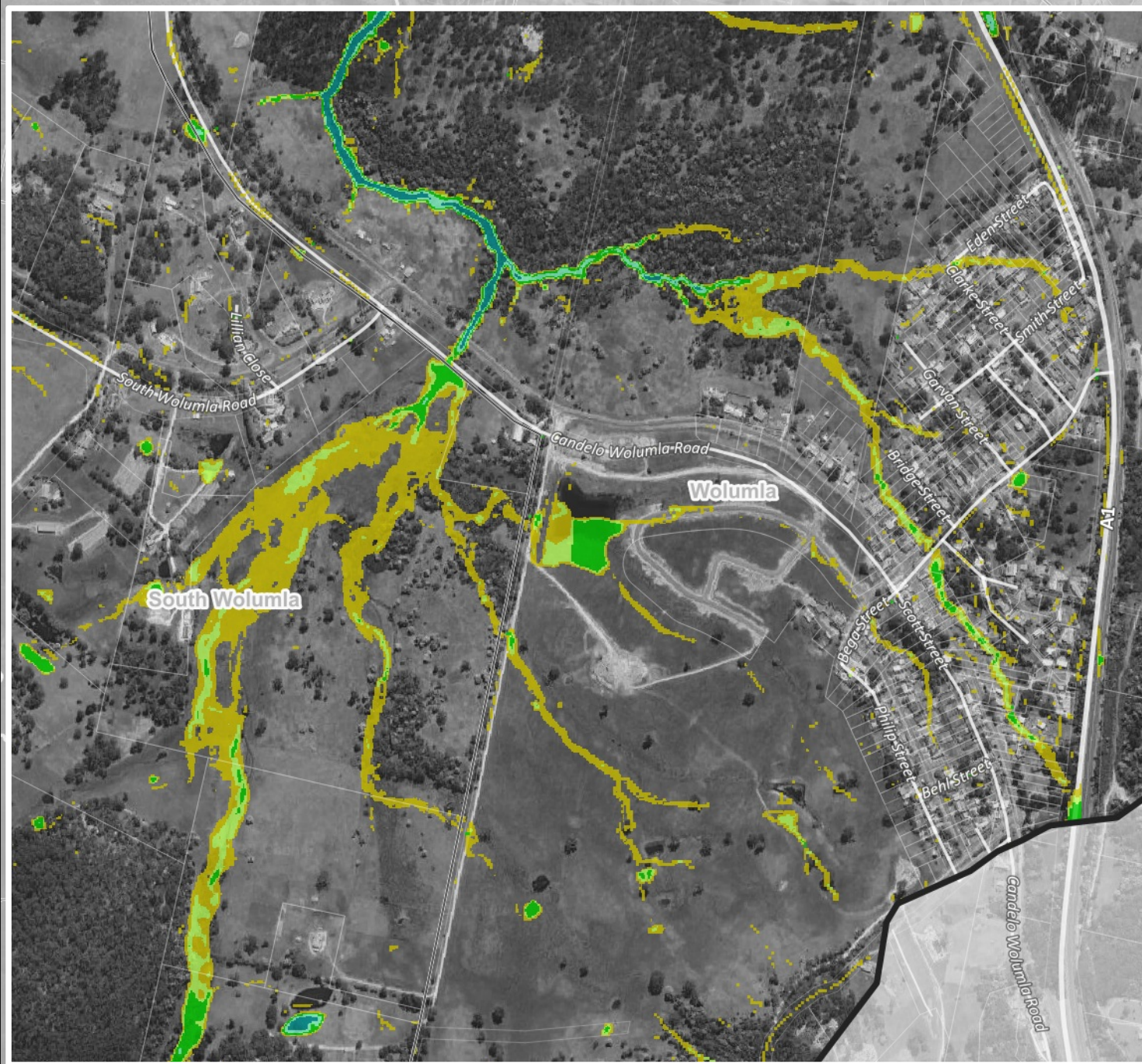
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**Wolumla FS FRMSP**  
**Peak Flood Depth - 0.2% AEP**  
**Existing Scenario**

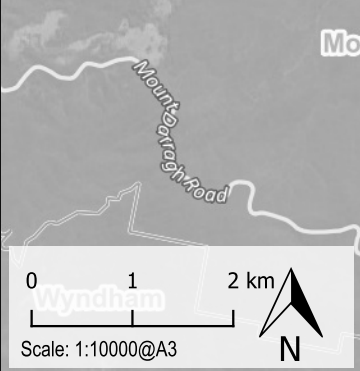
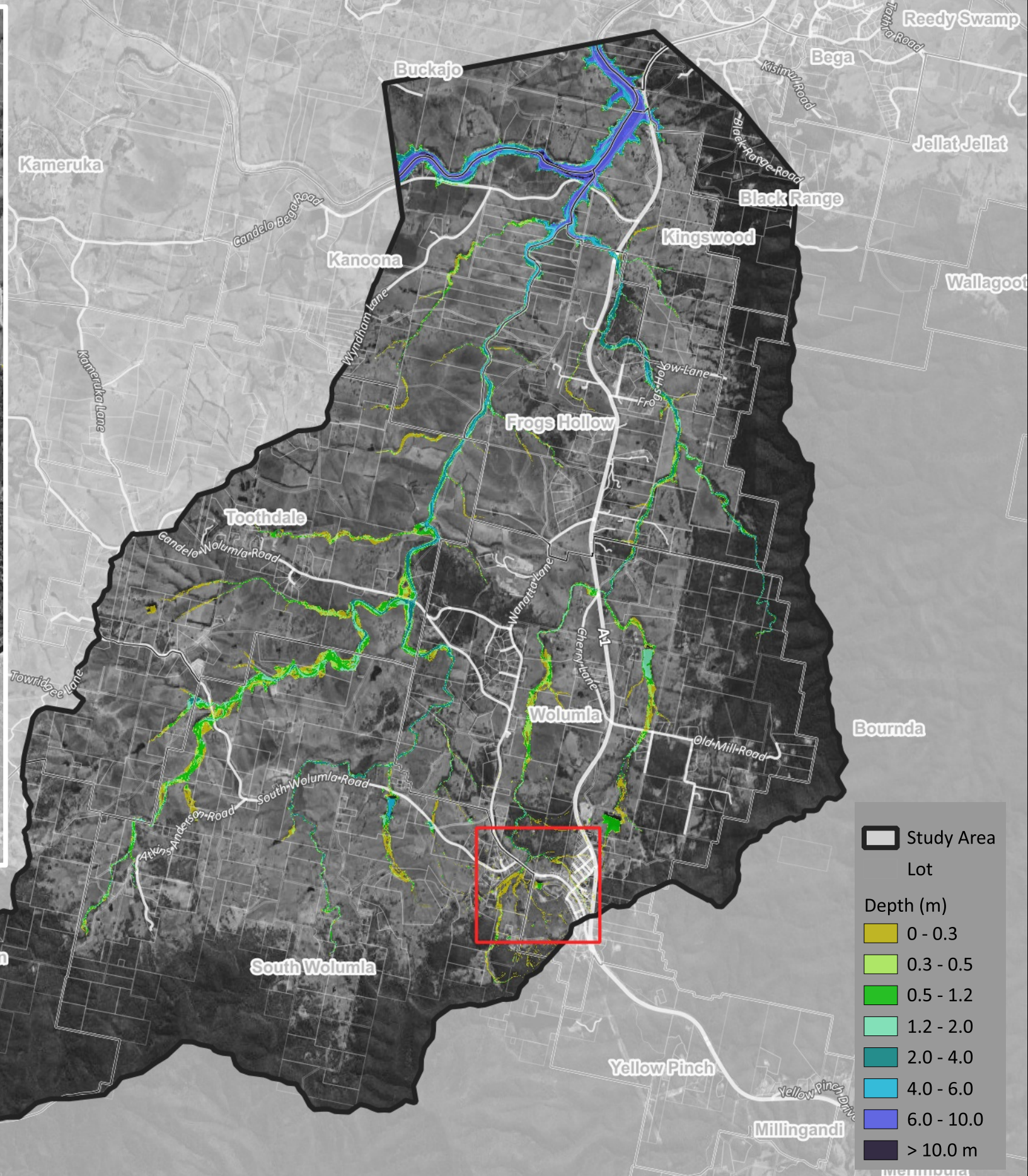
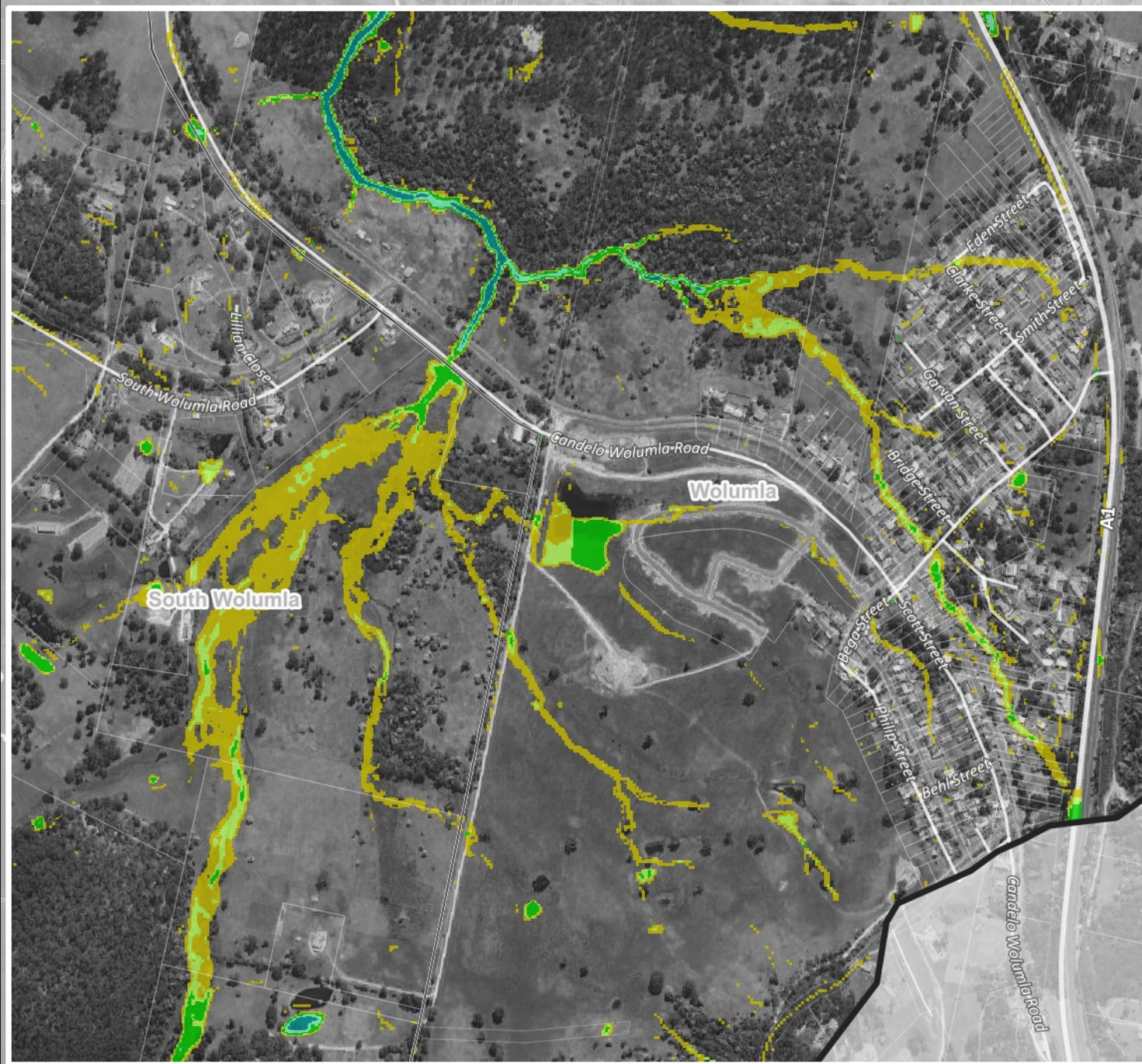
RG-01-01

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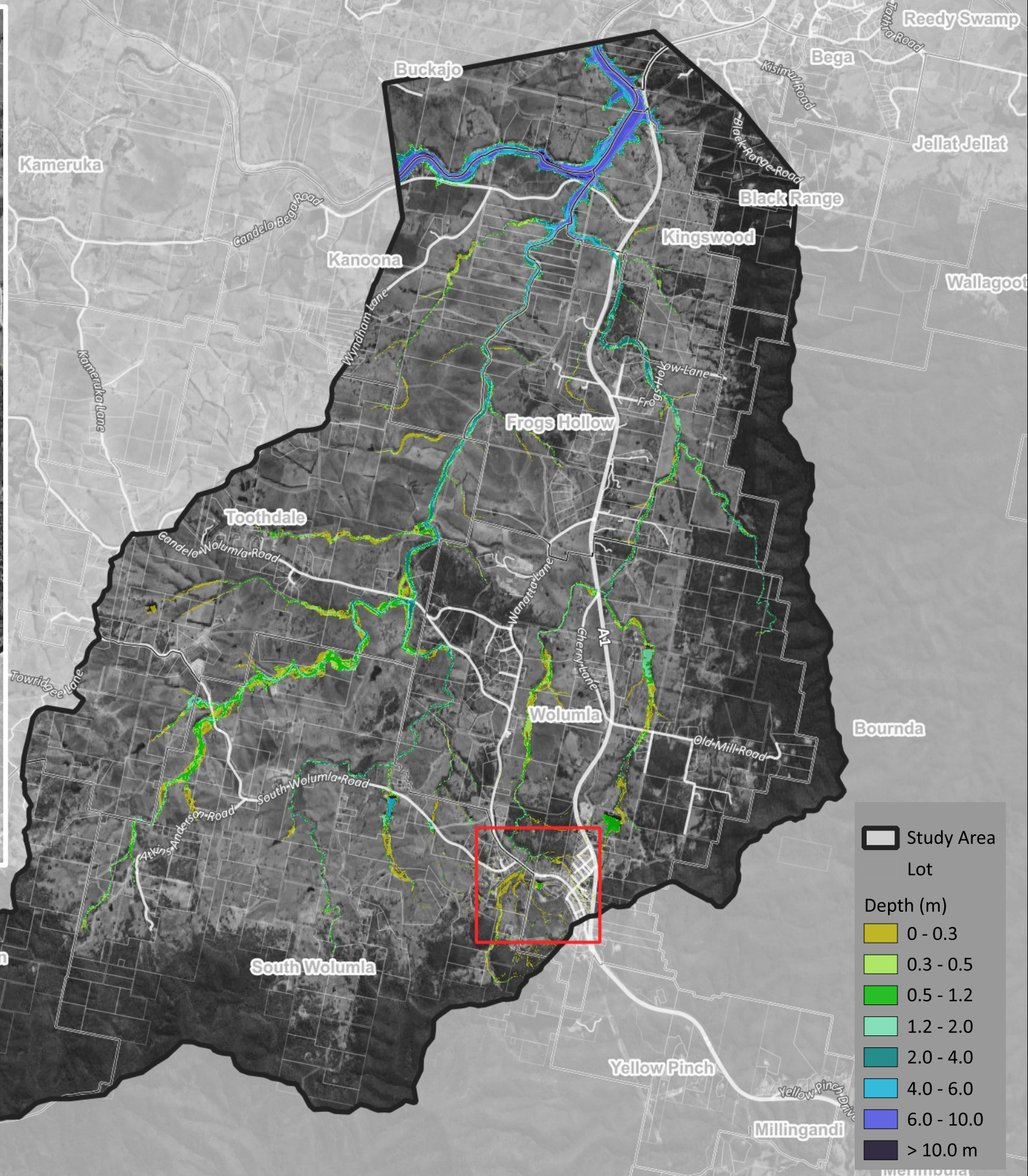
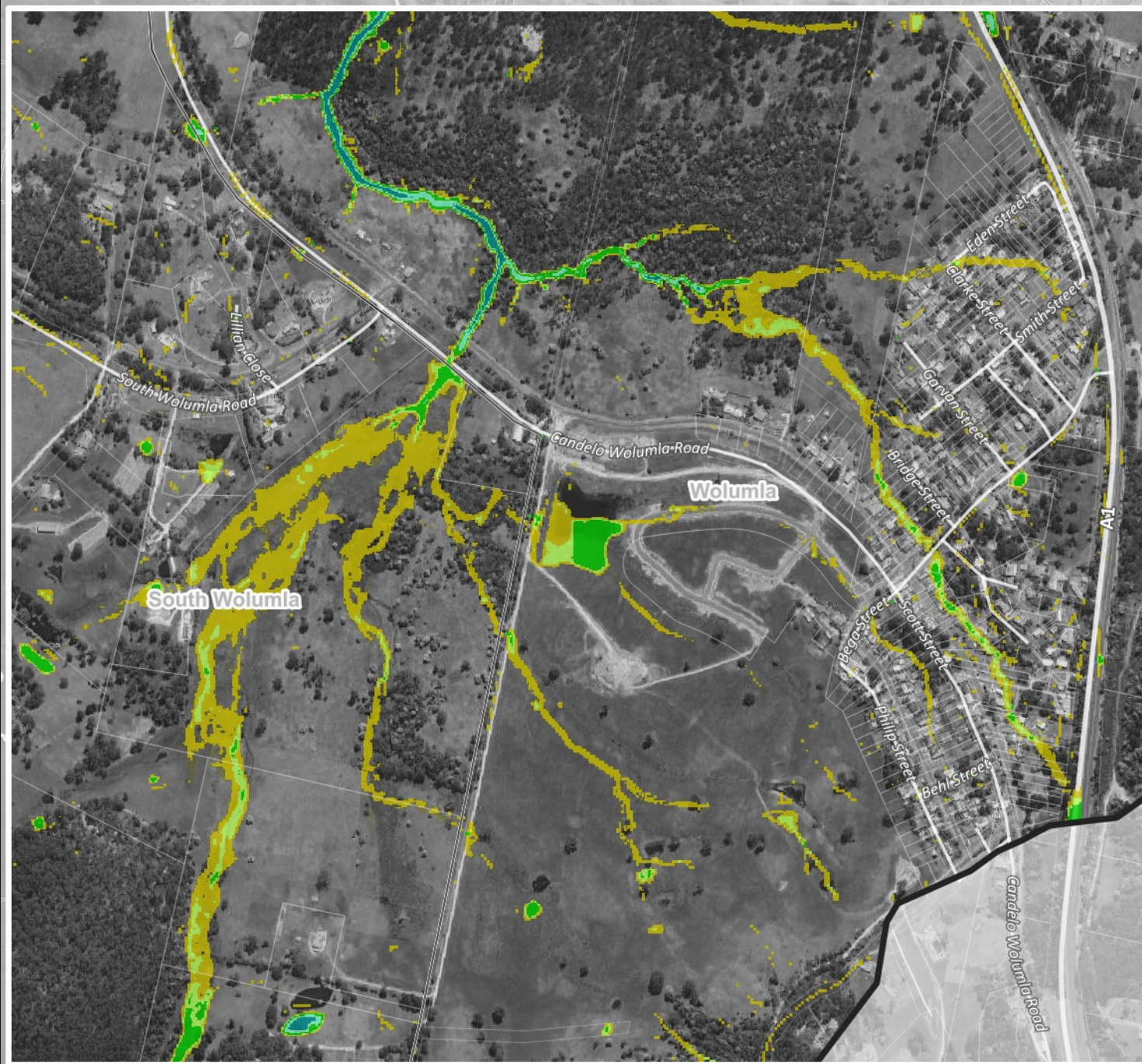
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**Wolumla FS FRMSP**  
**Peak Flood Depth - 1% AEP**  
**Existing Scenario**  
 RG-01-03

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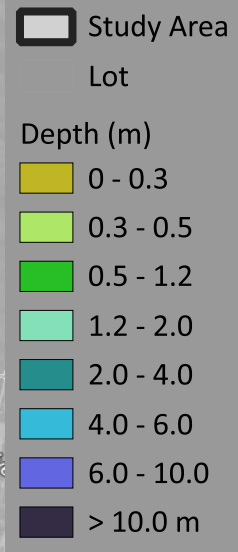
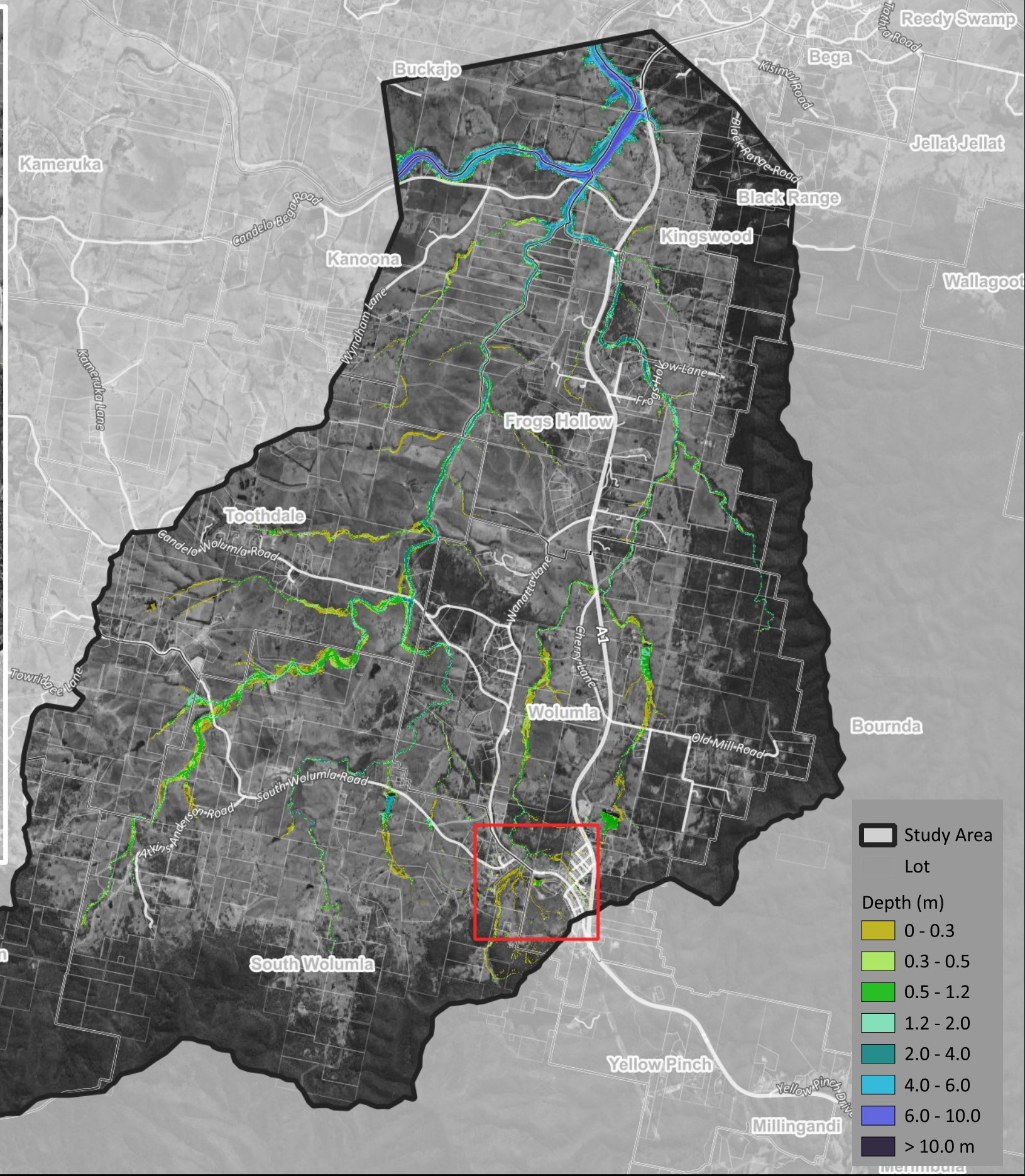
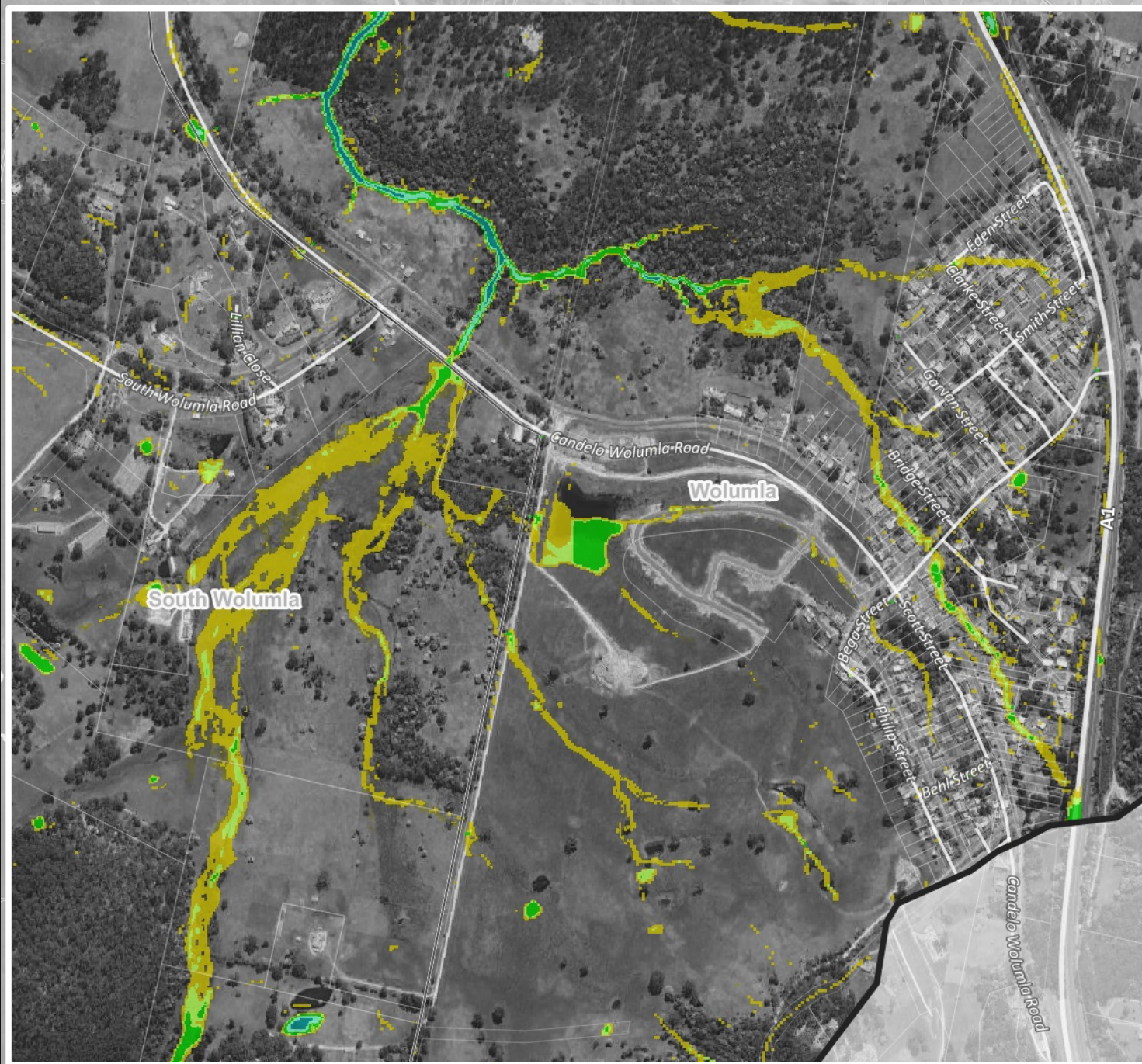
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**Wolumla FS FRMSP**  
**Peak Flood Depth - 2% AEP**  
**Existing Scenario**

RG-01-04

11896 - Wolumla - Flood Maps Rev001.agz





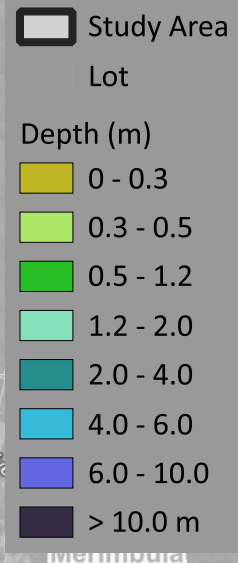
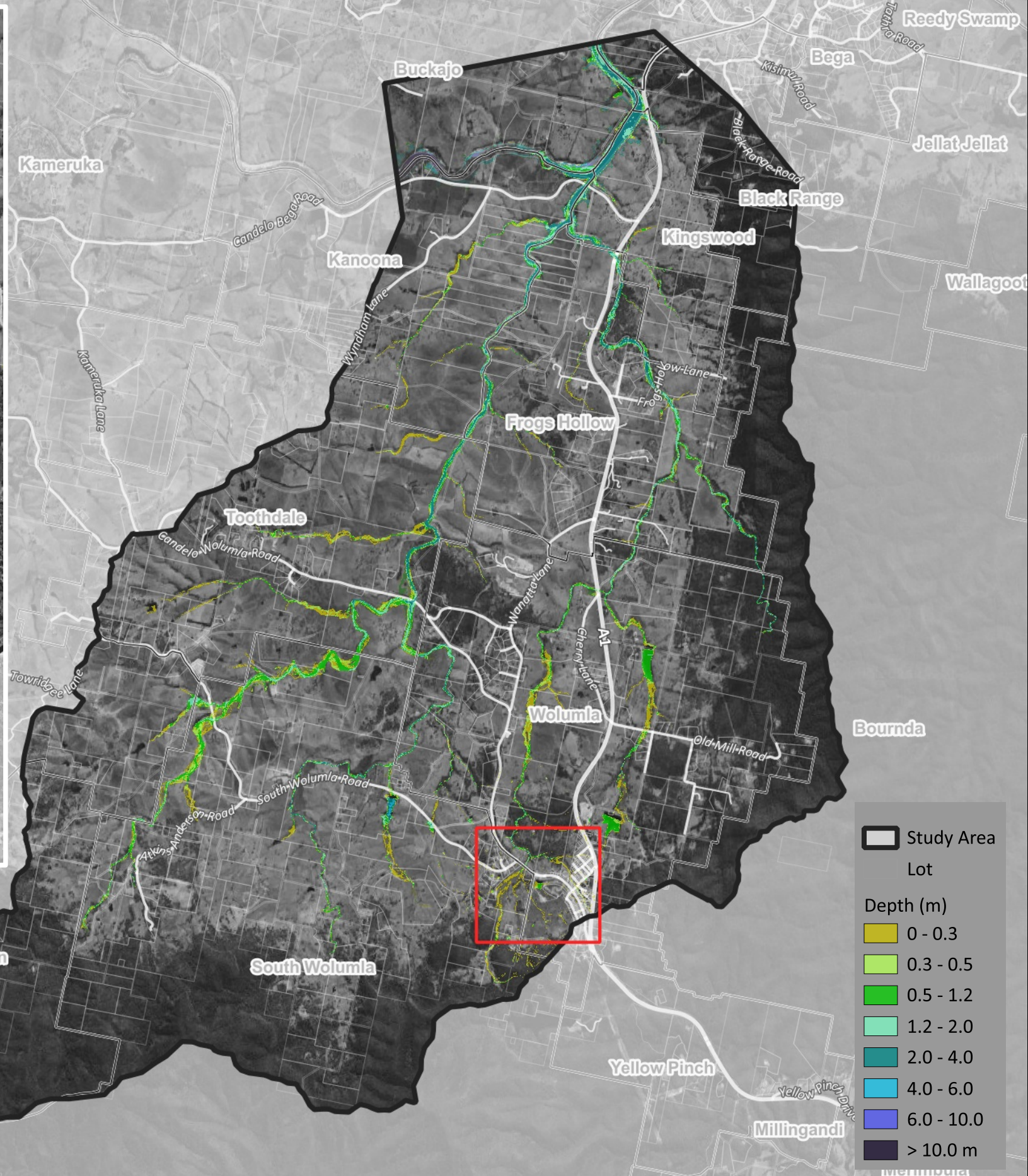
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**Wolumla FS FRMSP**  
**Peak Flood Depth - 5% AEP**  
**Existing Scenario**

RG-01-05

11896 - Wolumla - Flood Maps Rev001.agz





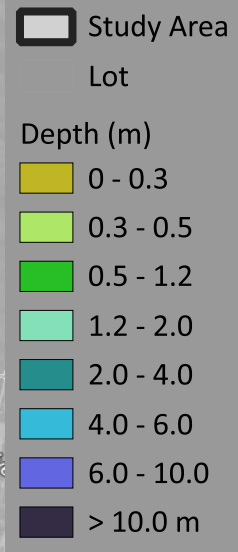
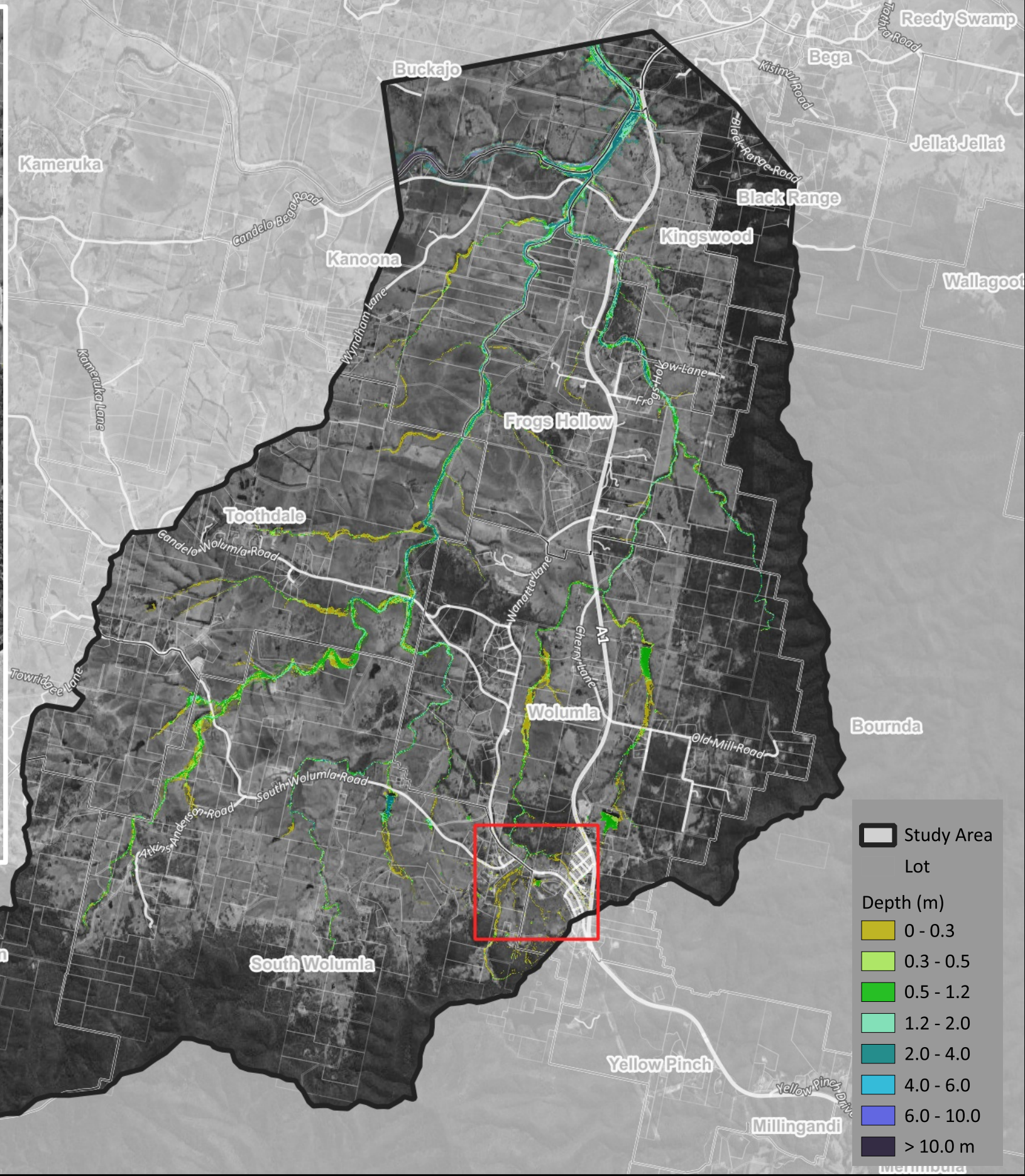
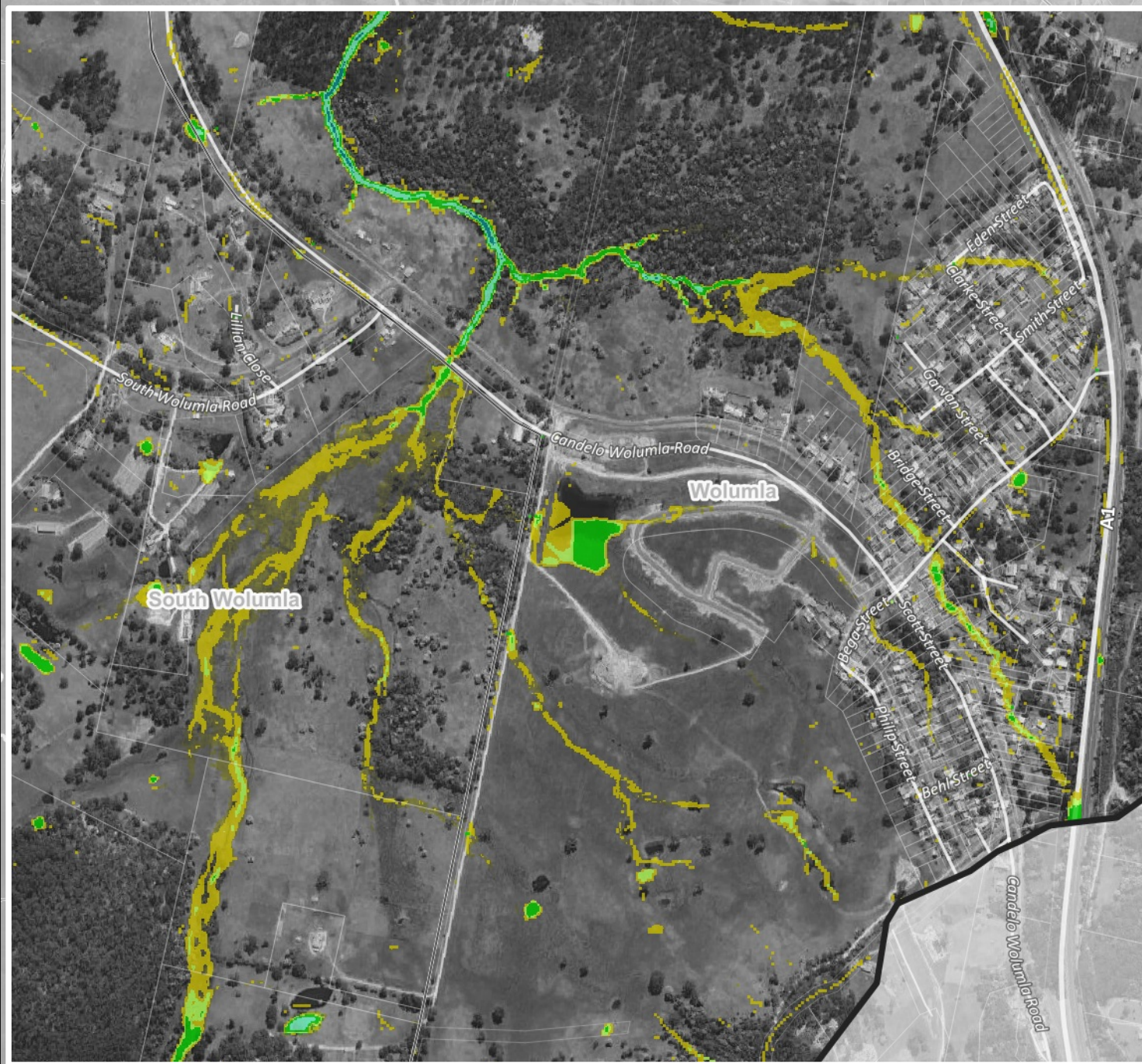
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**Wolumla FS FRMSP**  
**Peak Flood Depth - 10% AEP**  
**Existing Scenario**

RG-01-06

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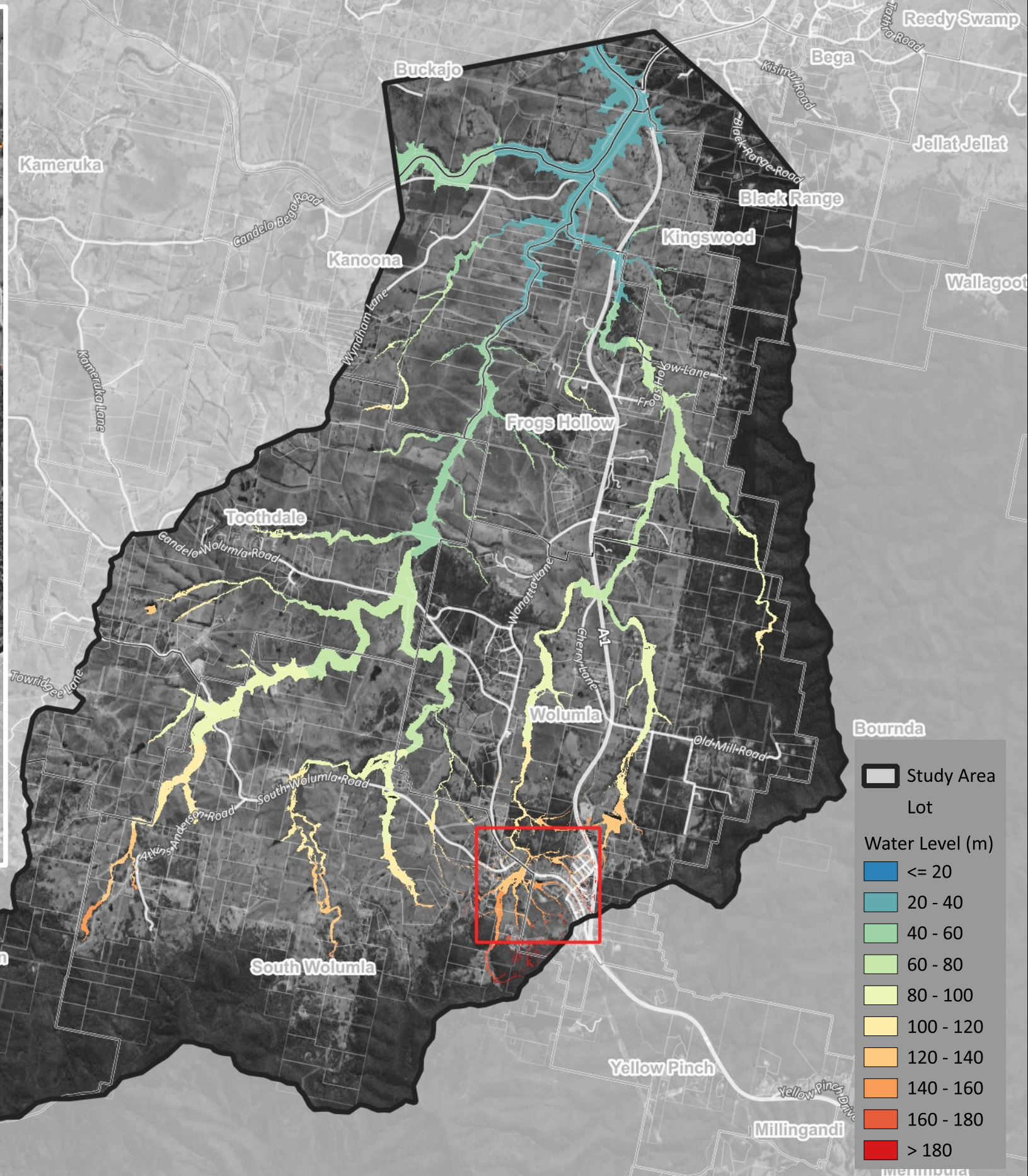
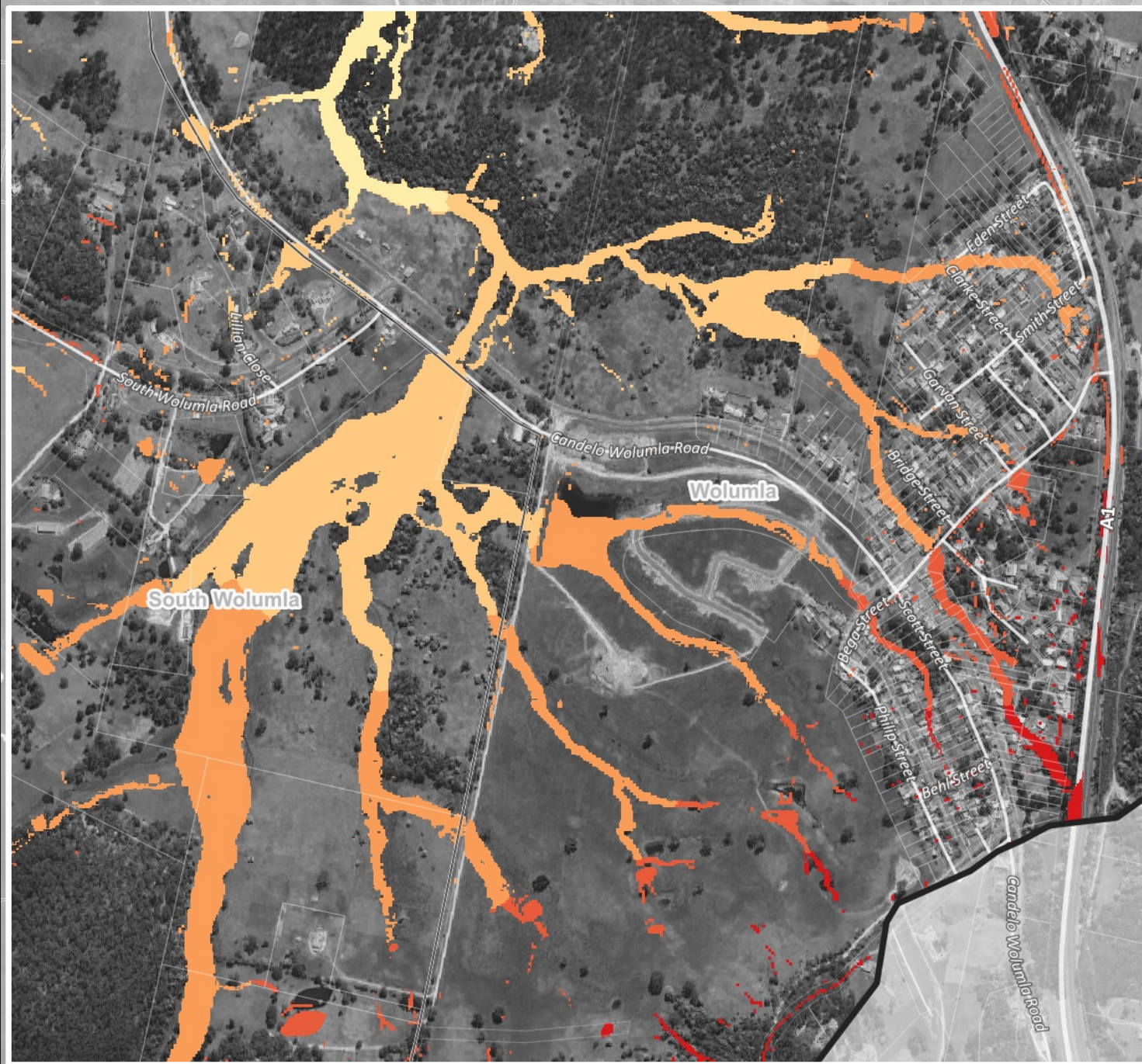
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**Wolumla FS FRMSP**  
**Peak Flood Depth - 20% AEP**  
**Existing Scenario**

RG-01-07

11896 - Wolumla - Flood Maps Rev001.agz





**Bournda**

- Study Area
- Lot

**Water Level (m)**

- ≤ 20
- 20 - 40
- 40 - 60
- 60 - 80
- 80 - 100
- 100 - 120
- 120 - 140
- 140 - 160
- 160 - 180
- > 180

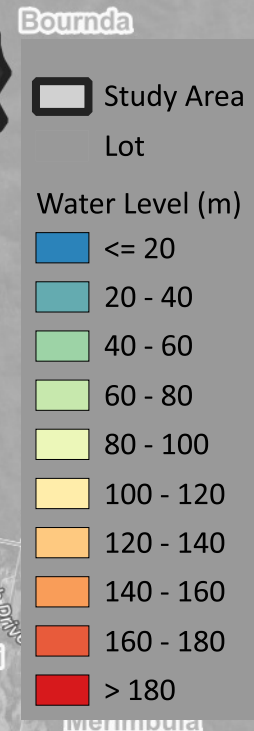
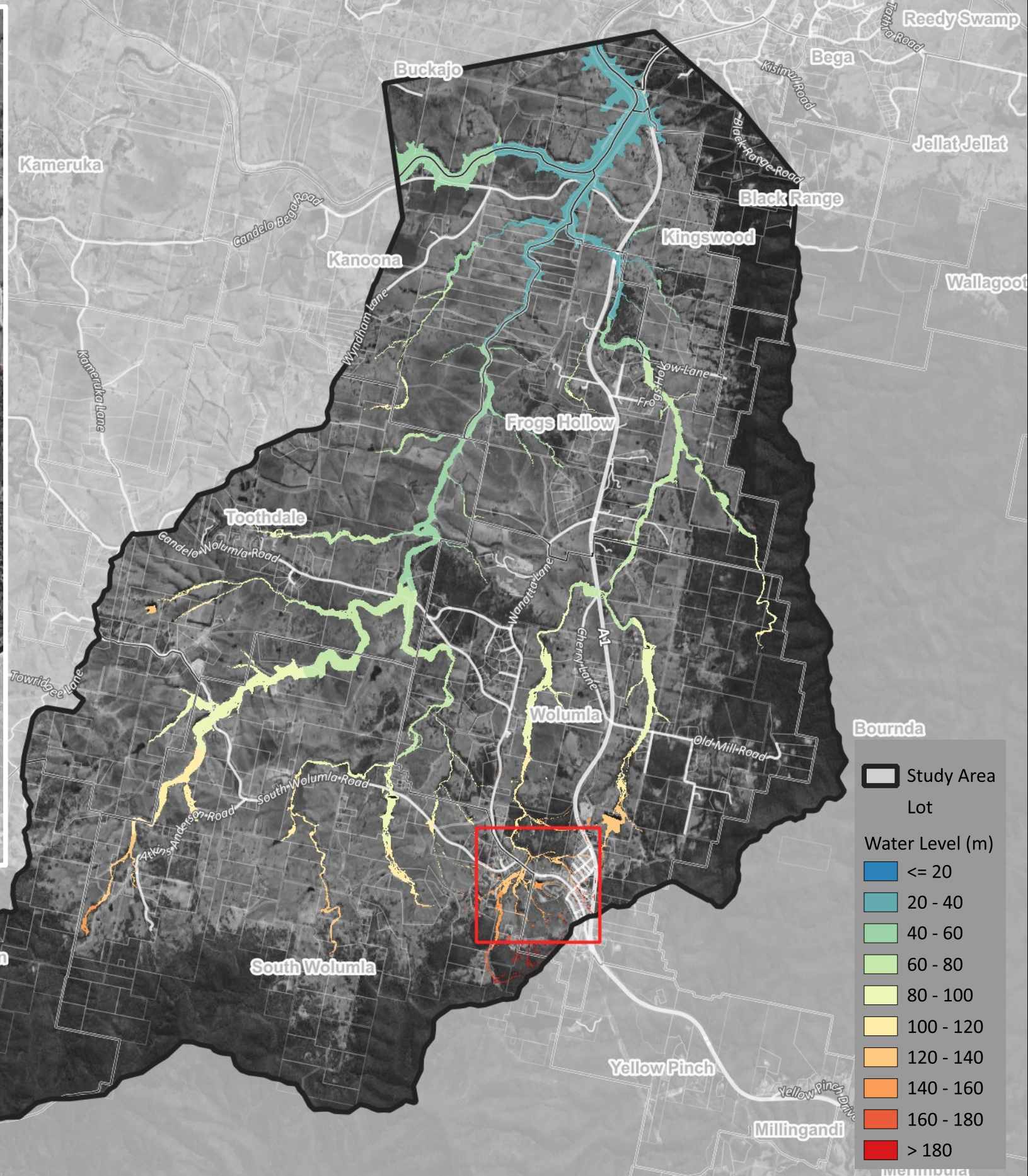
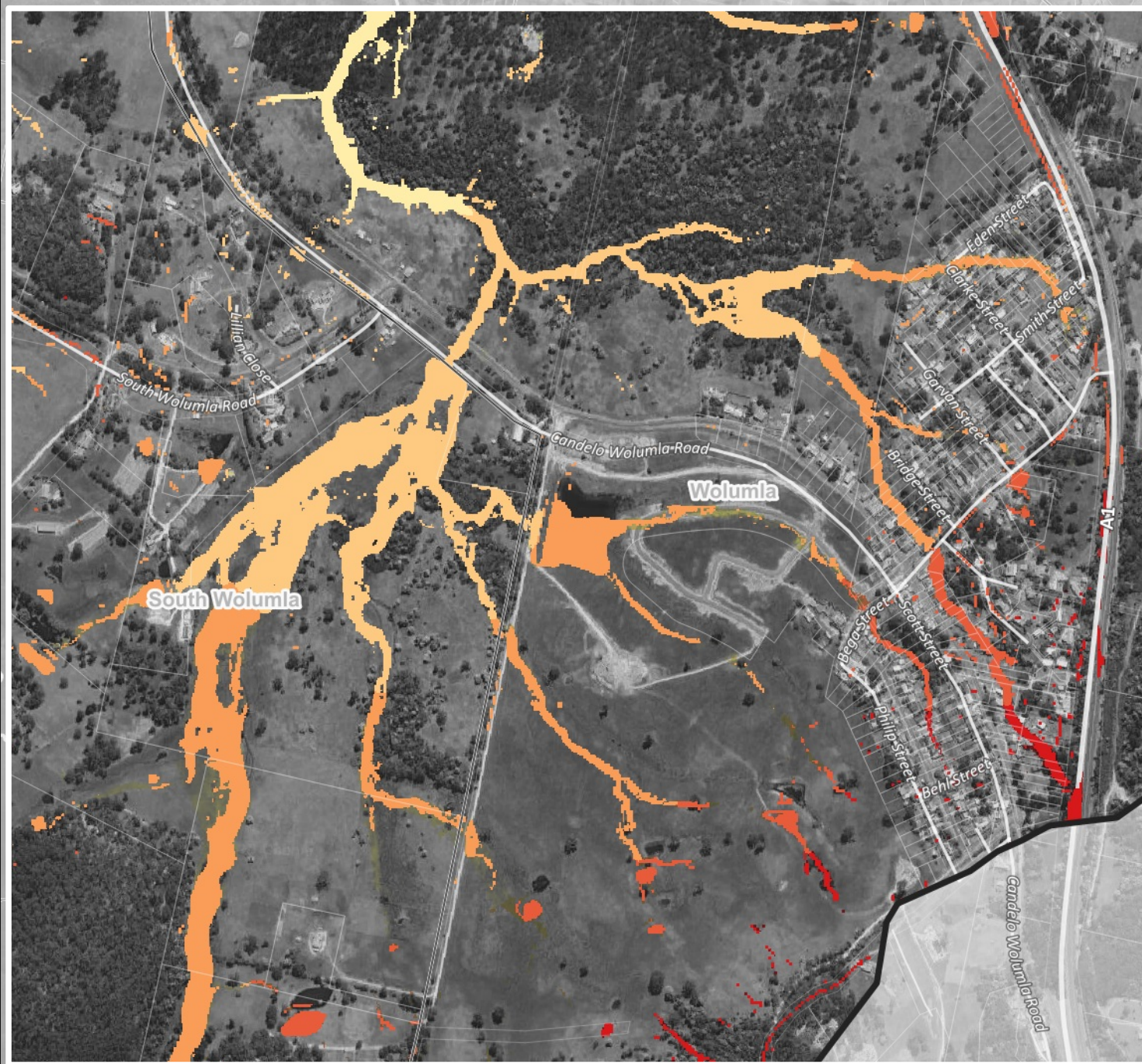


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**Wolumla FS FRMSP**  
**Water Level - PMF**  
**Existing Scenario**

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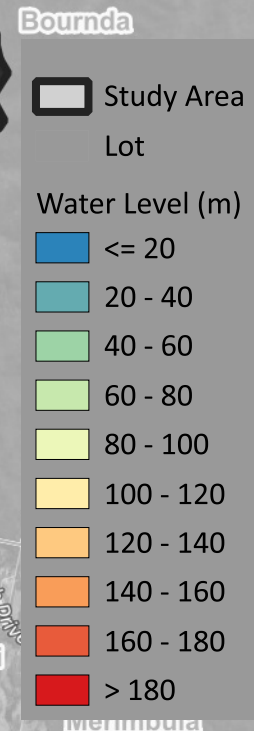
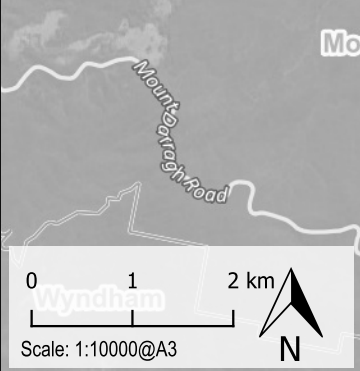
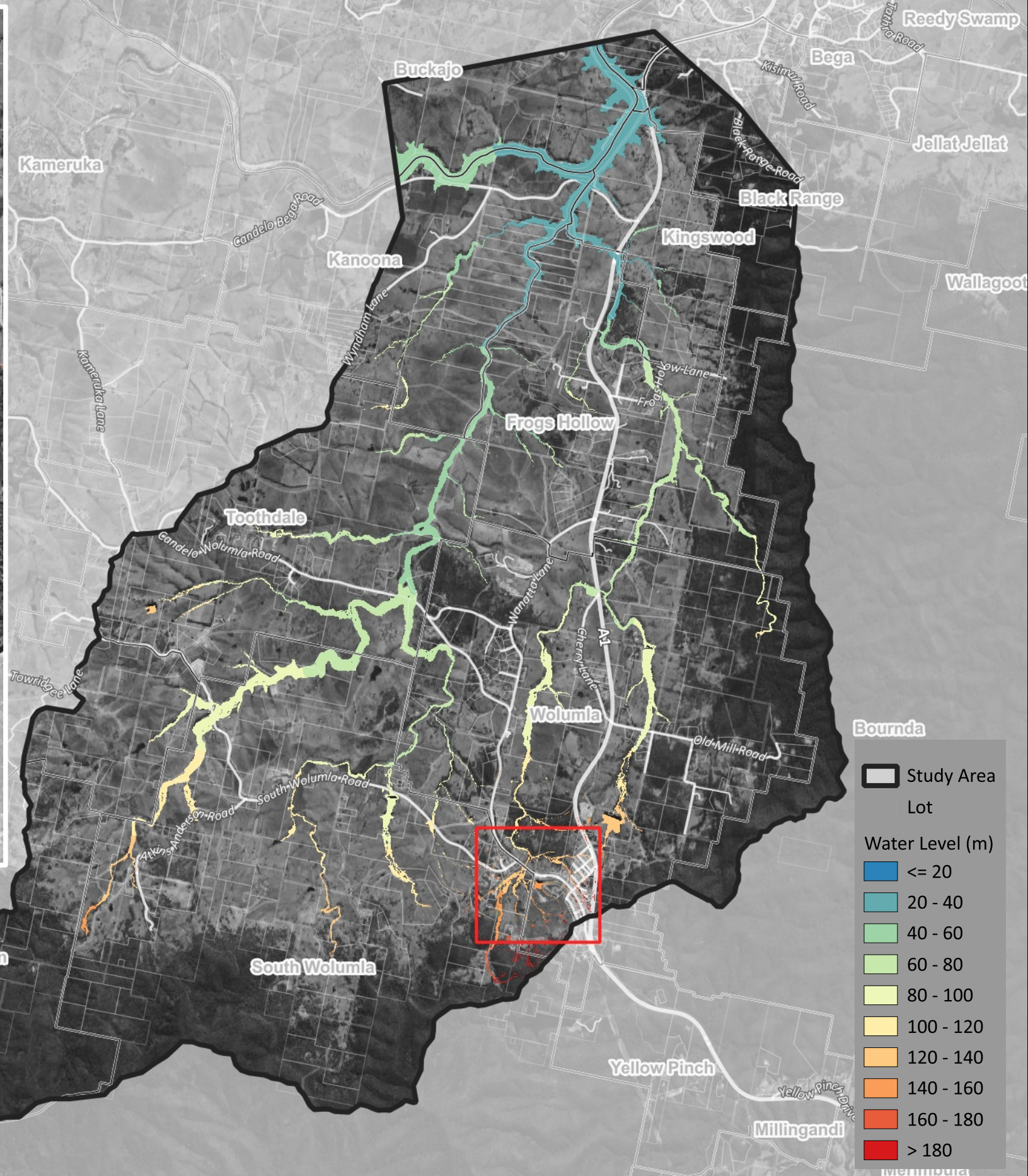
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**Wolumla FS FRMSP**  
**Water Level - 0.2% AEP**  
**Existing Scenario**

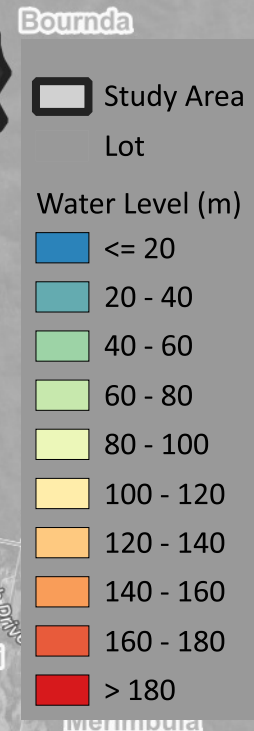
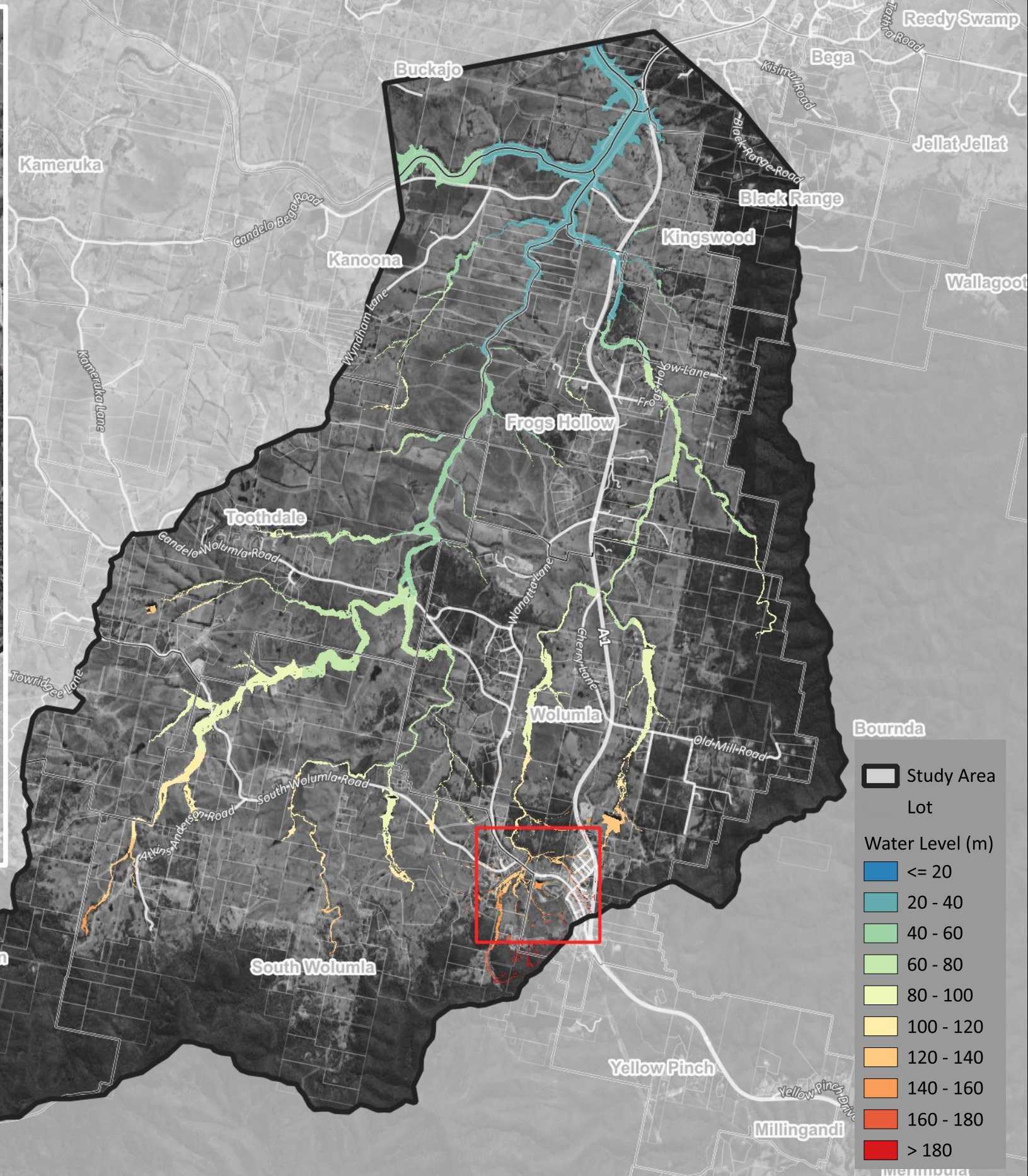
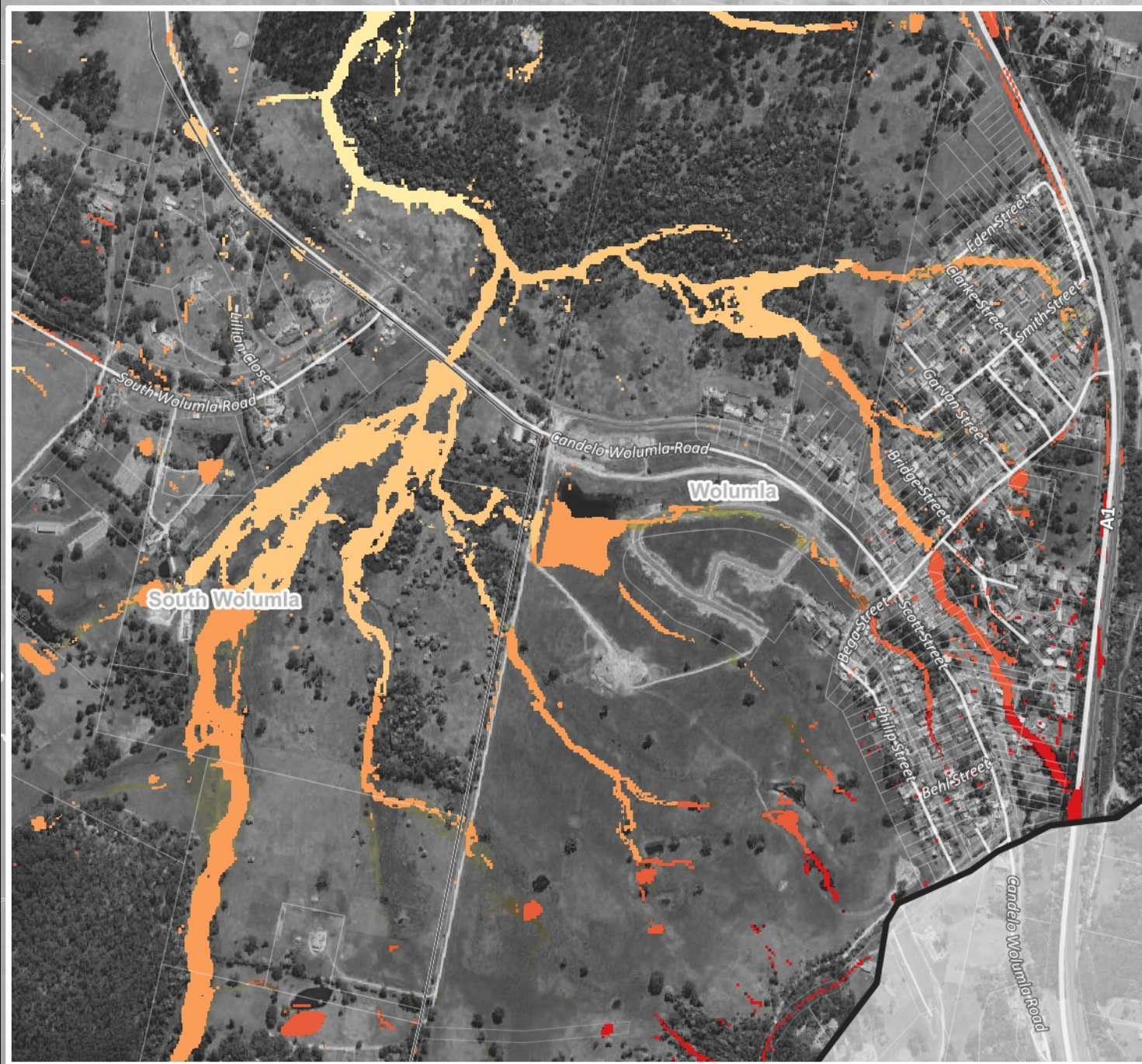
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11896 - Wolumla - Flood Maps Rev001.agz









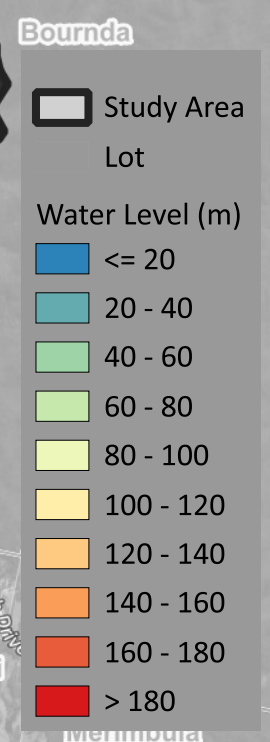
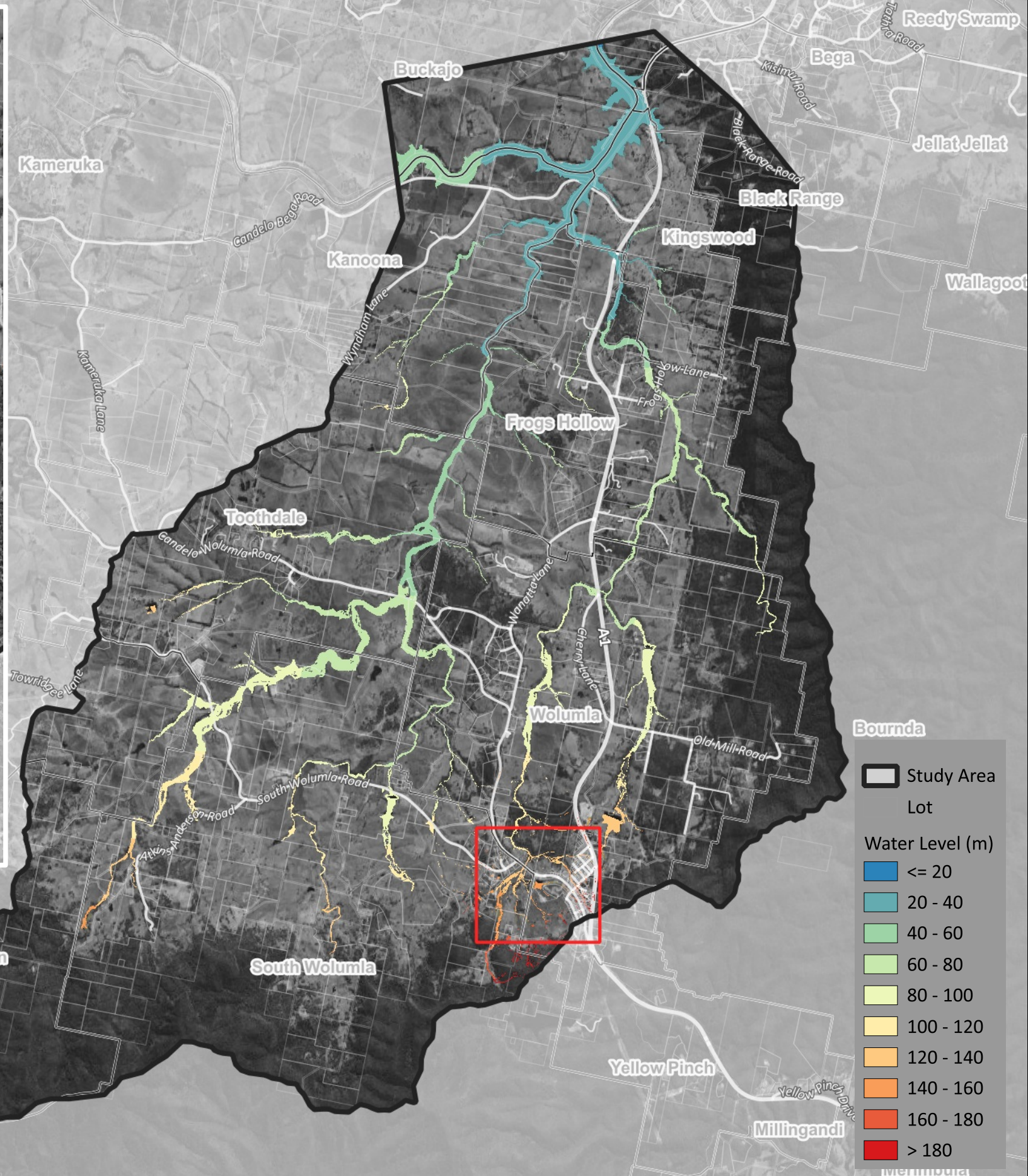
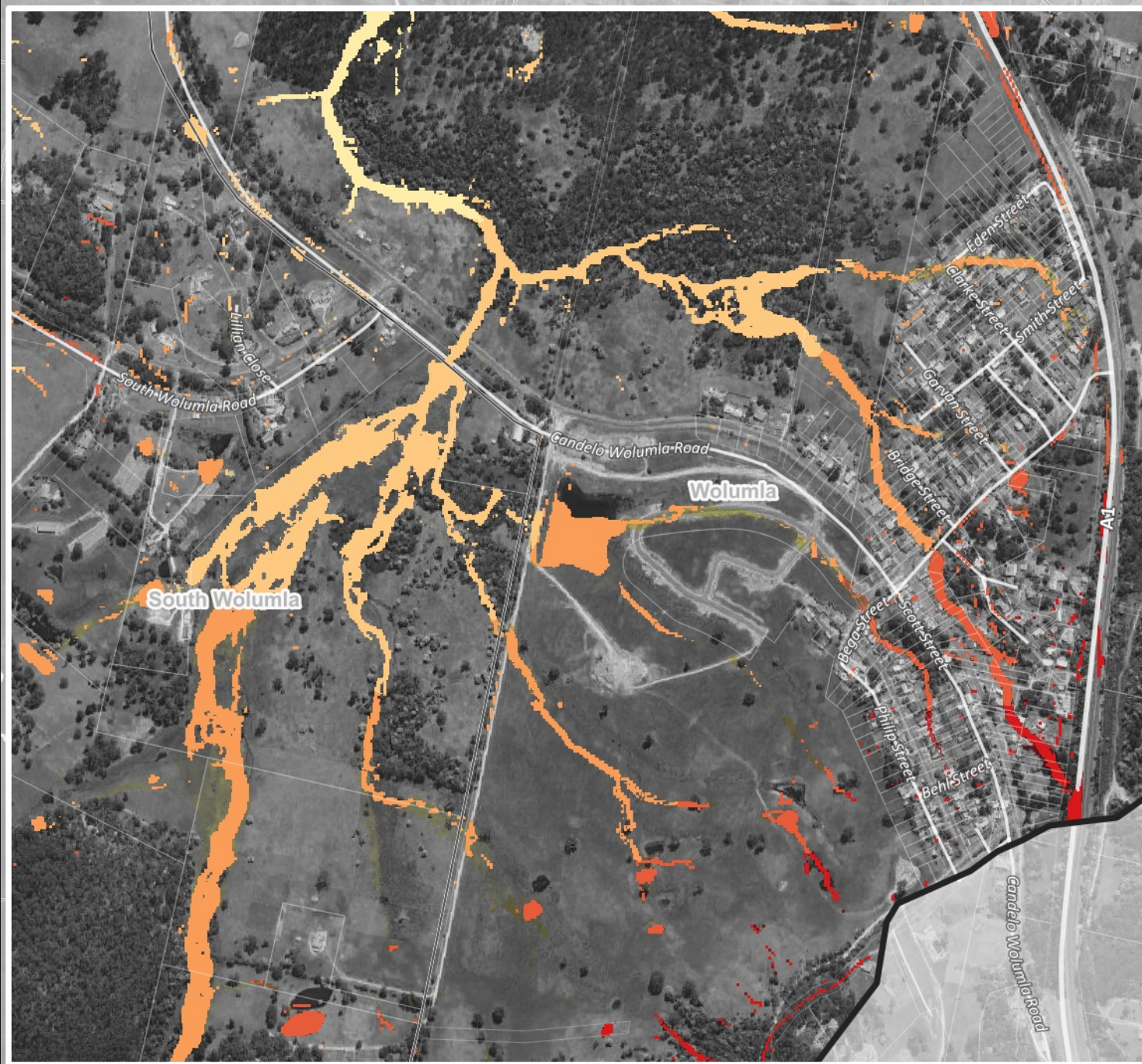
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**Wolumla FS FRMSP**  
**Water Level - 1% AEP**  
**Existing Scenario**

RG-01-13

11896 - Wolumla - Flood Maps Rev001.agz



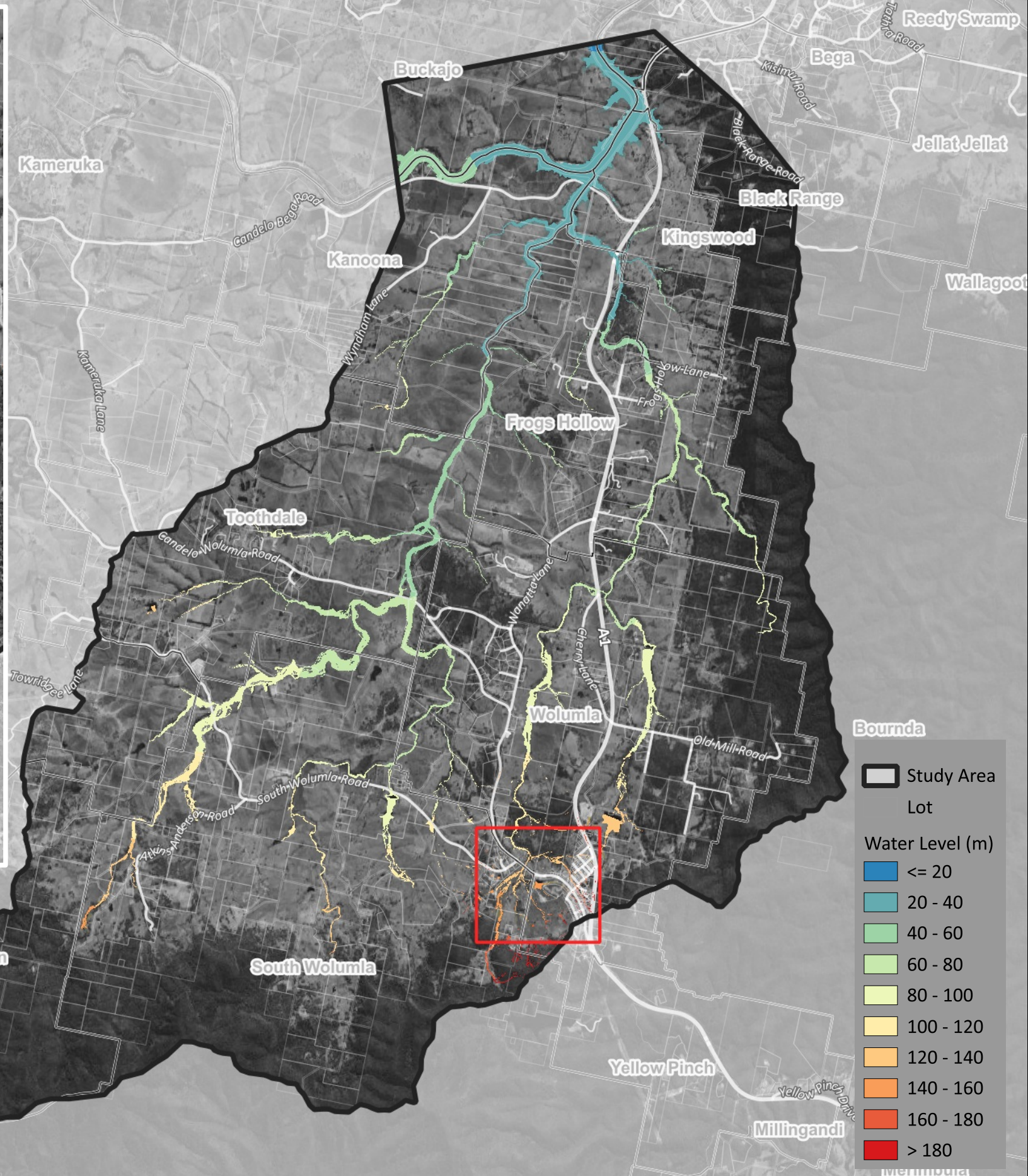
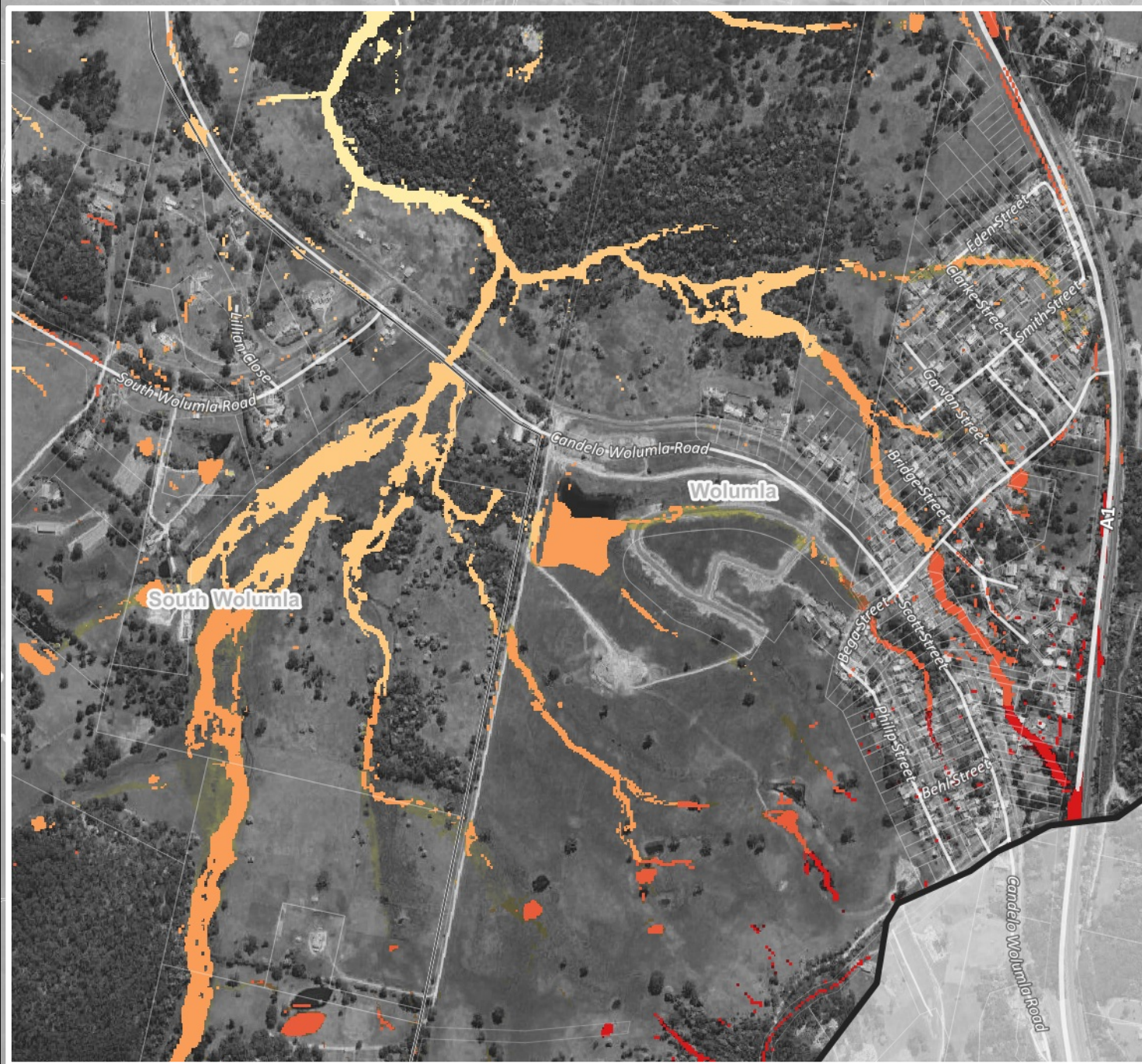


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**Wolumla FS FRMSP**  
**Water Level - 2% AEP**  
**Existing Scenario**

11896 - Wolumla - Flood Maps Rev001.agz





**Legend**

- Study Area
- Lot

**Water Level (m)**

- <= 20
- 20 - 40
- 40 - 60
- 60 - 80
- 80 - 100
- 100 - 120
- 120 - 140
- 140 - 160
- 160 - 180
- > 180

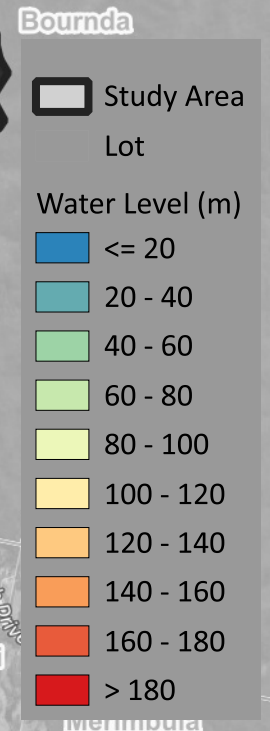
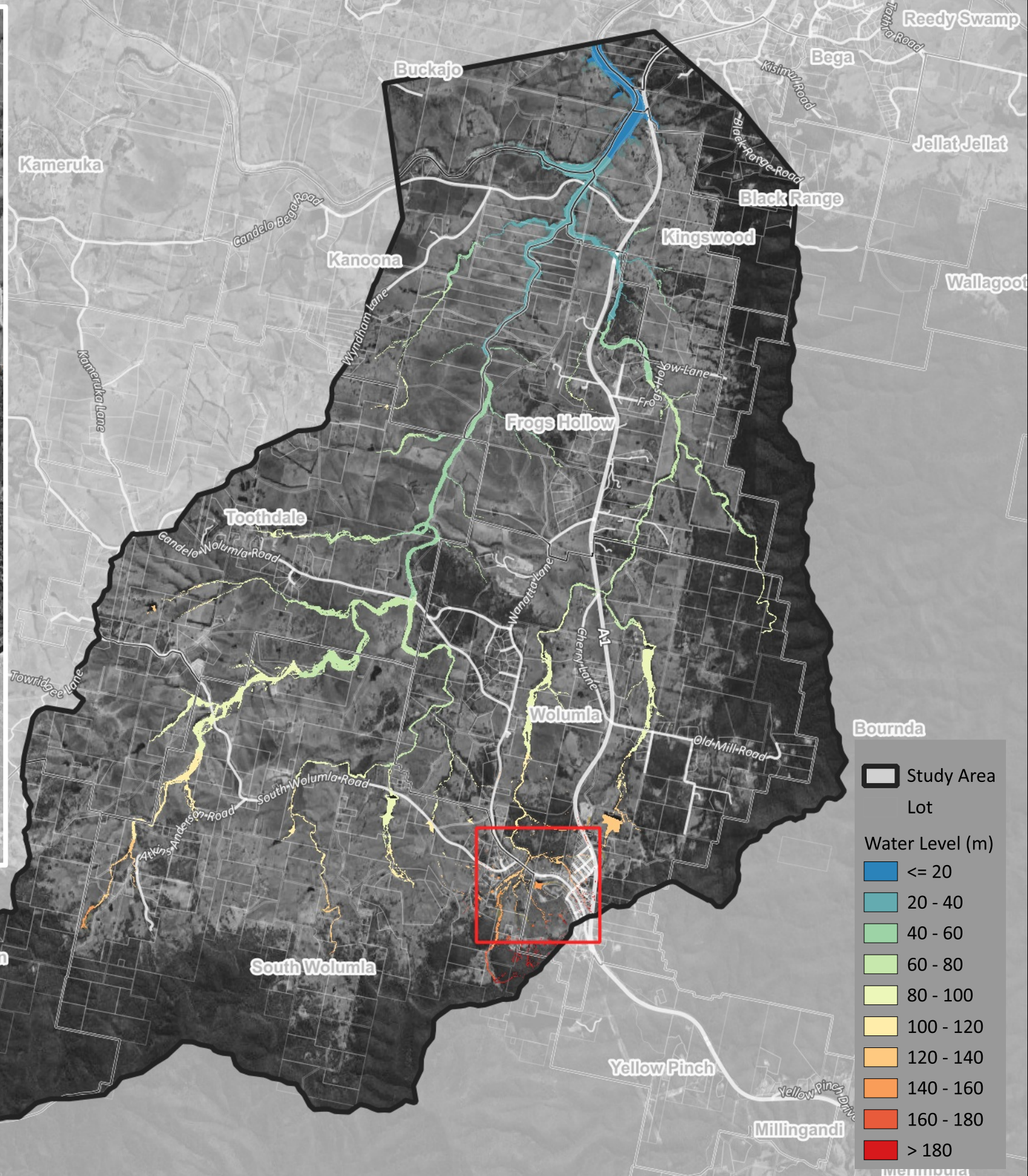
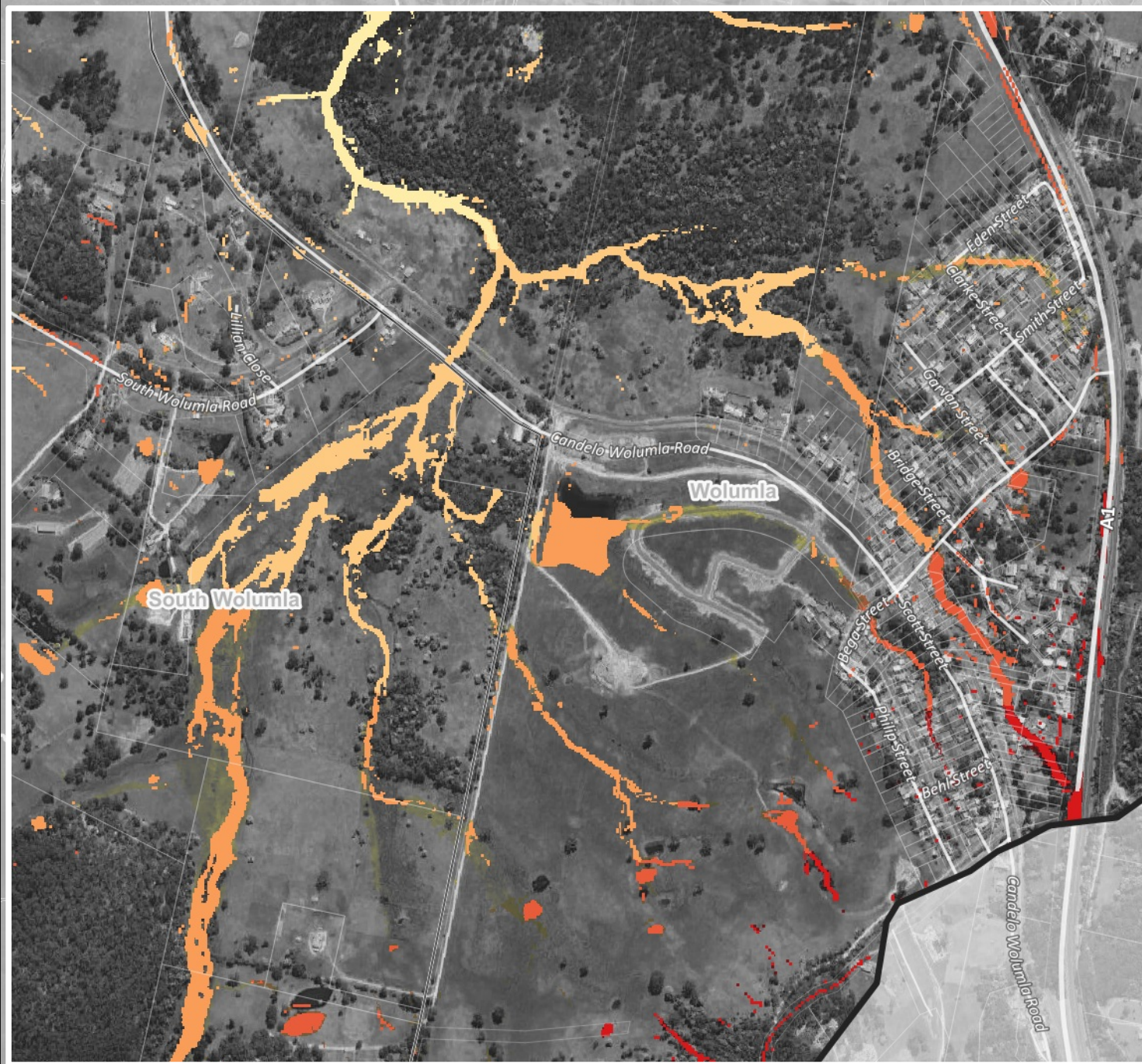


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**Wolumla FS FRMSP**  
**Water Level - 5% AEP**  
**Existing Scenario**

11896 - Wolumla - Flood Maps Rev001.agz





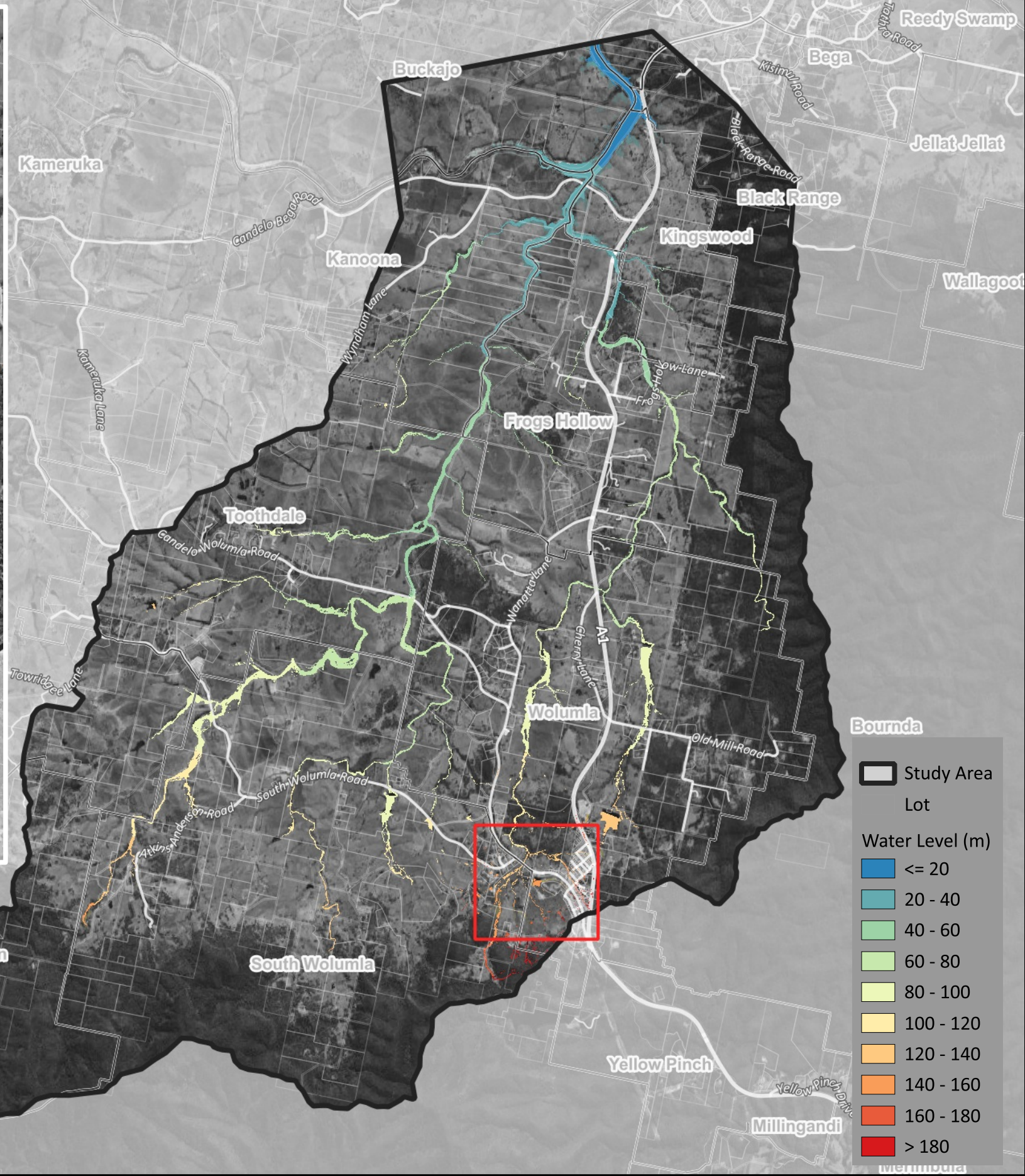
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**Wolumla FS FRMSP**  
**Water Level - 10% AEP**  
**Existing Scenario**

RG-01-16

11896 - Wolumla - Flood Maps Rev001.agz





**Legend**

- Study Area
- Lot
- Water Level (m)**
- <= 20
- 20 - 40
- 40 - 60
- 60 - 80
- 80 - 100
- 100 - 120
- 120 - 140
- 140 - 160
- 160 - 180
- > 180

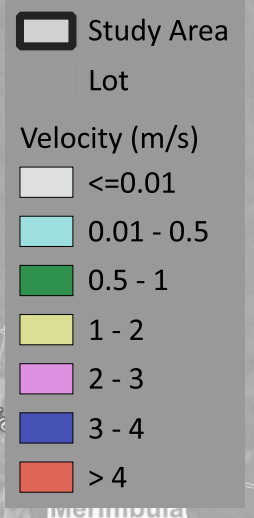
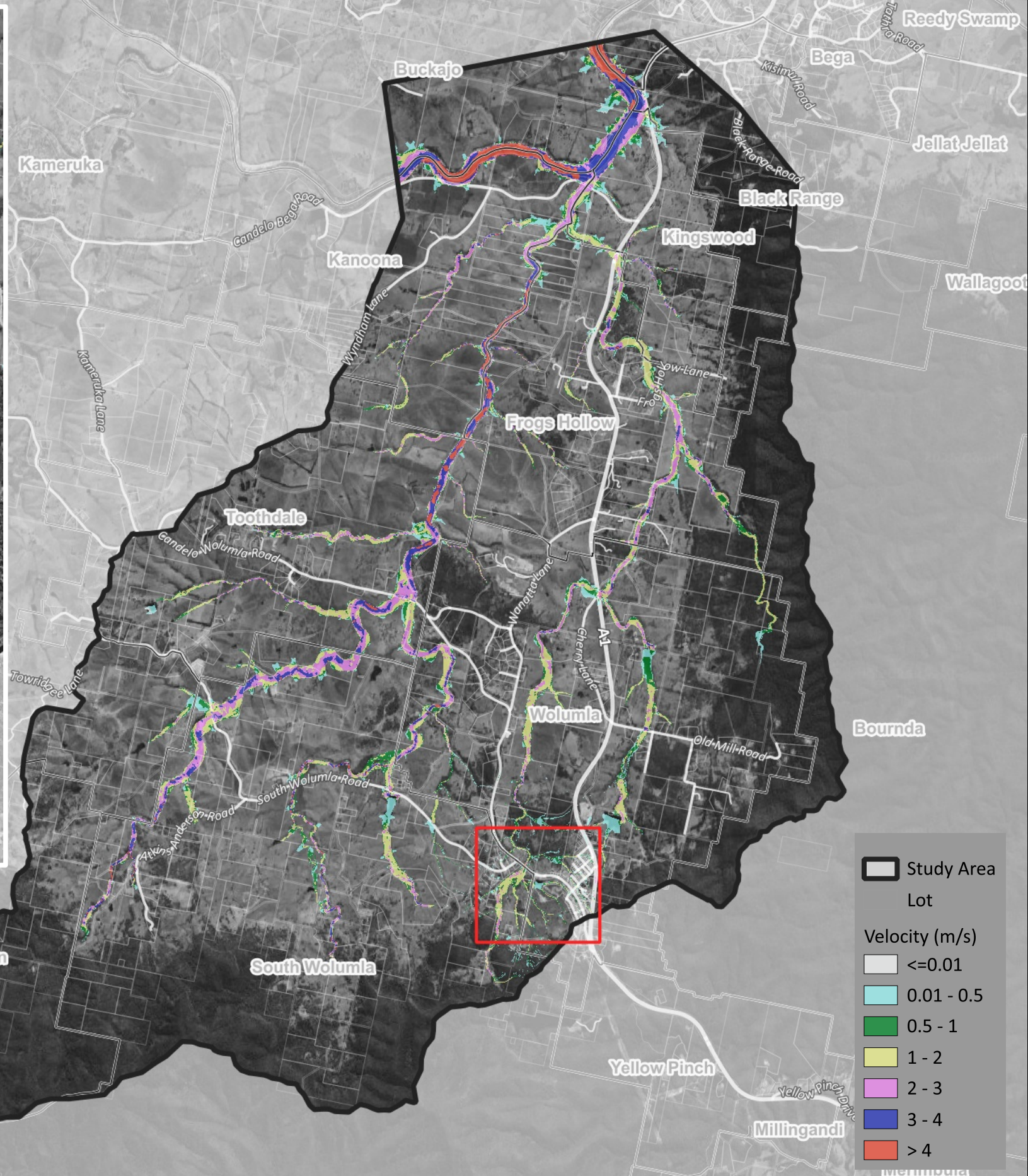
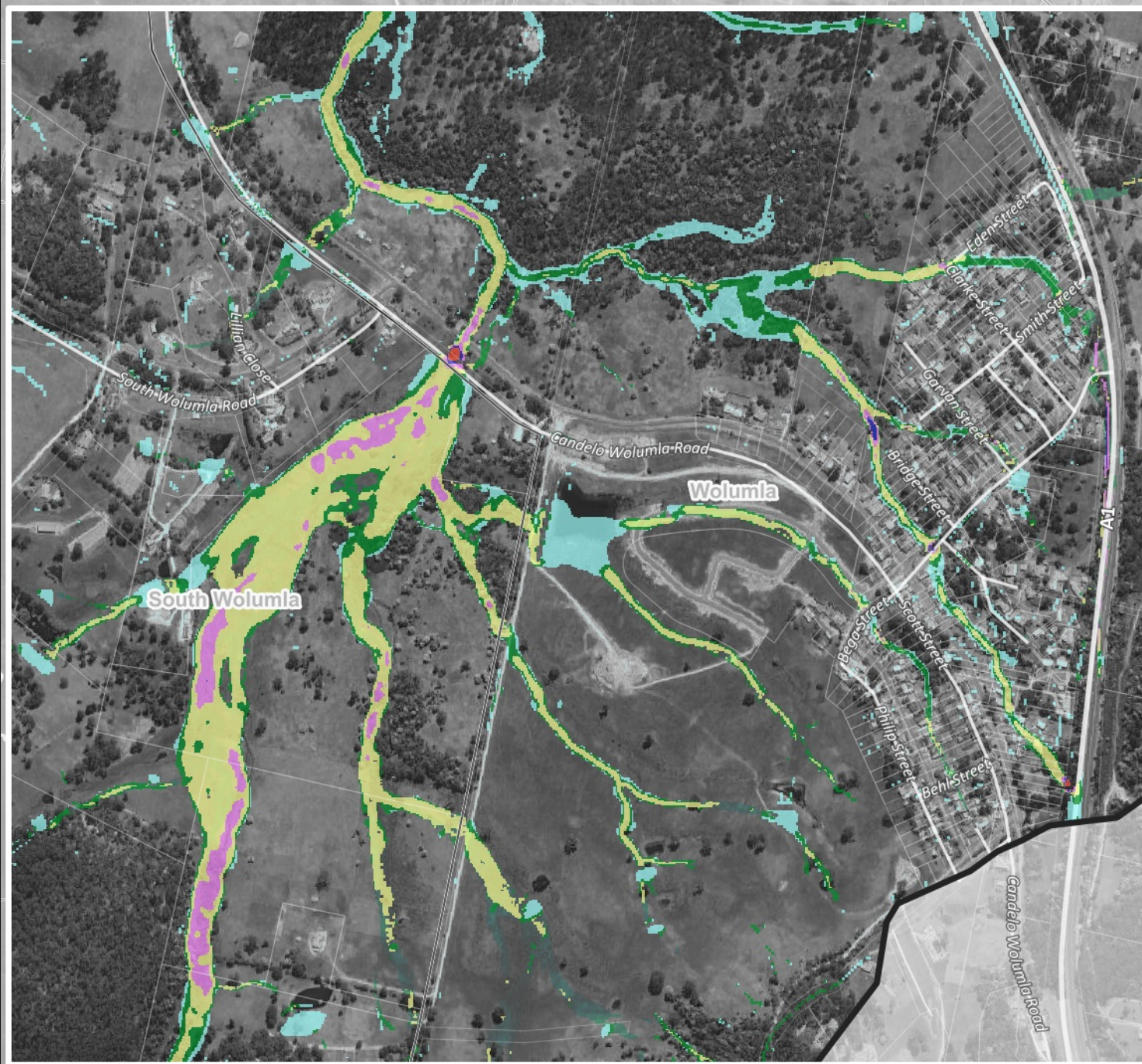


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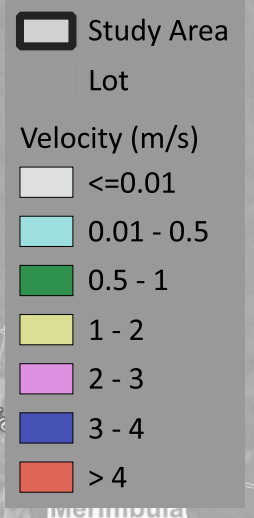
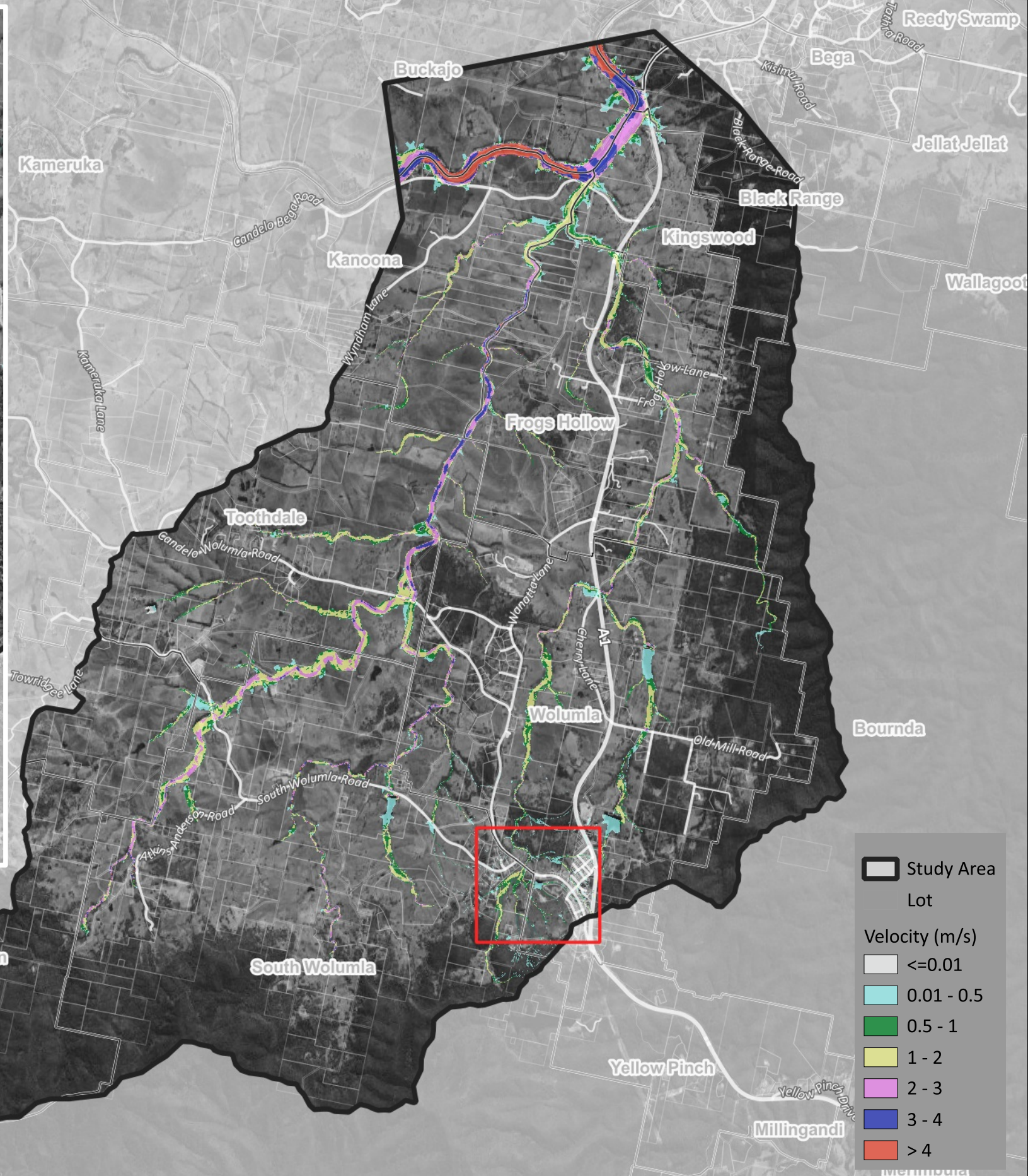
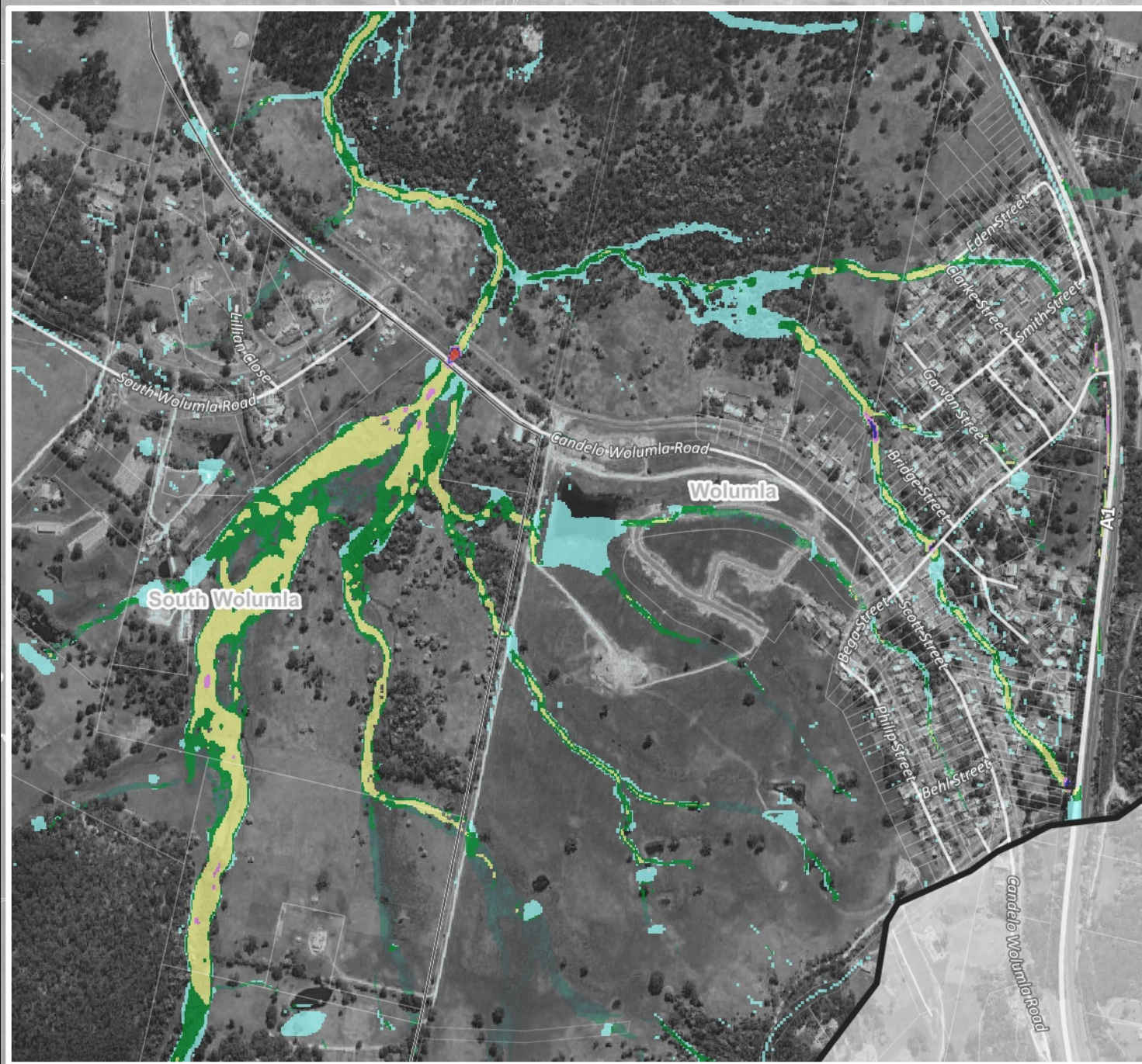
**Wolumla FS FRMSP**  
**Water Level - 20% AEP**  
**Existing Scenario**

11896 - Wolumla - Flood Maps Rev001.agz









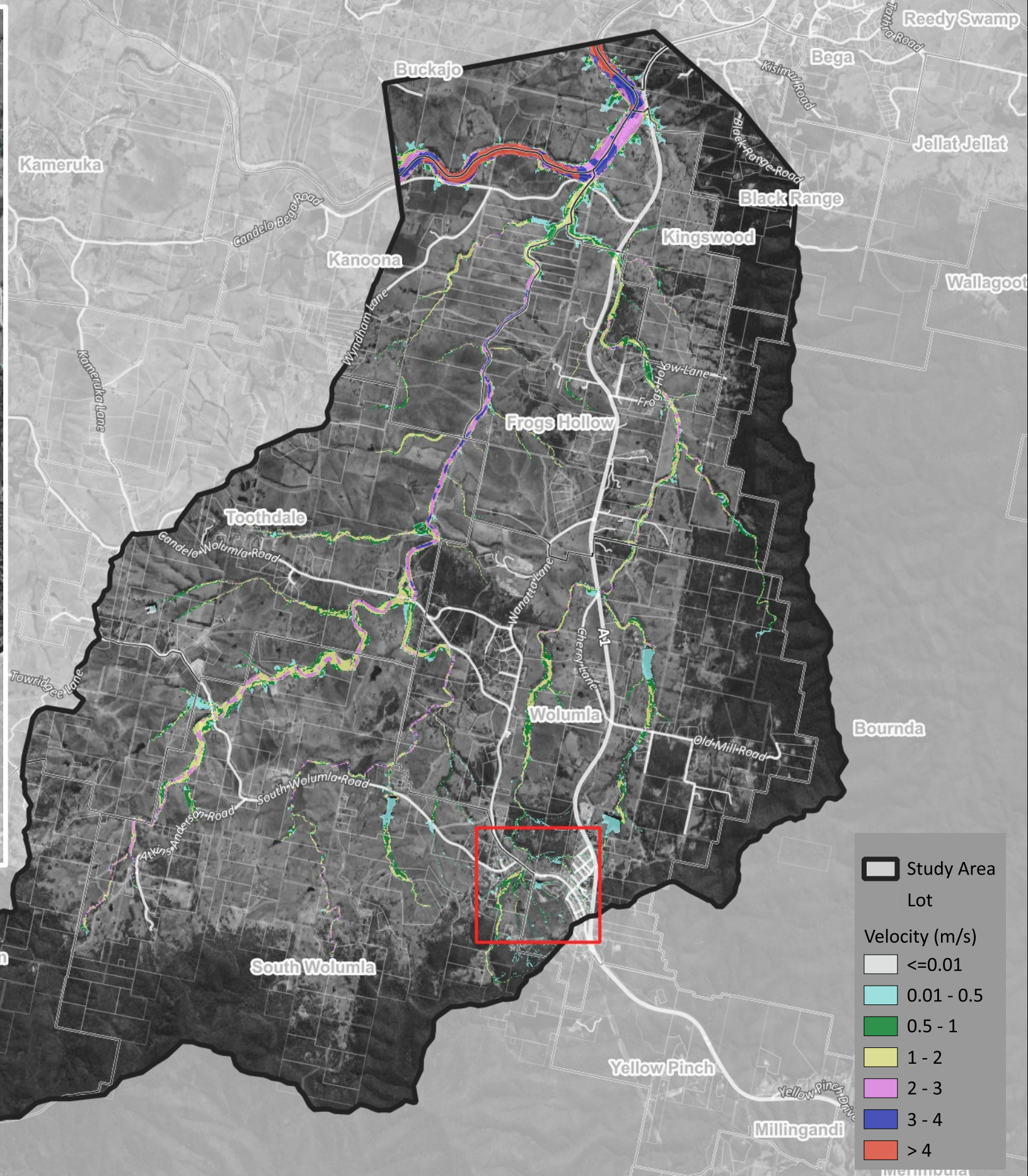
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**Wolumla FS FRMSP**  
**Velocity - 0.2% AEP**  
**Existing Scenario**

RG-01-21

11896 - Wolumla - Flood Maps Rev001.agz





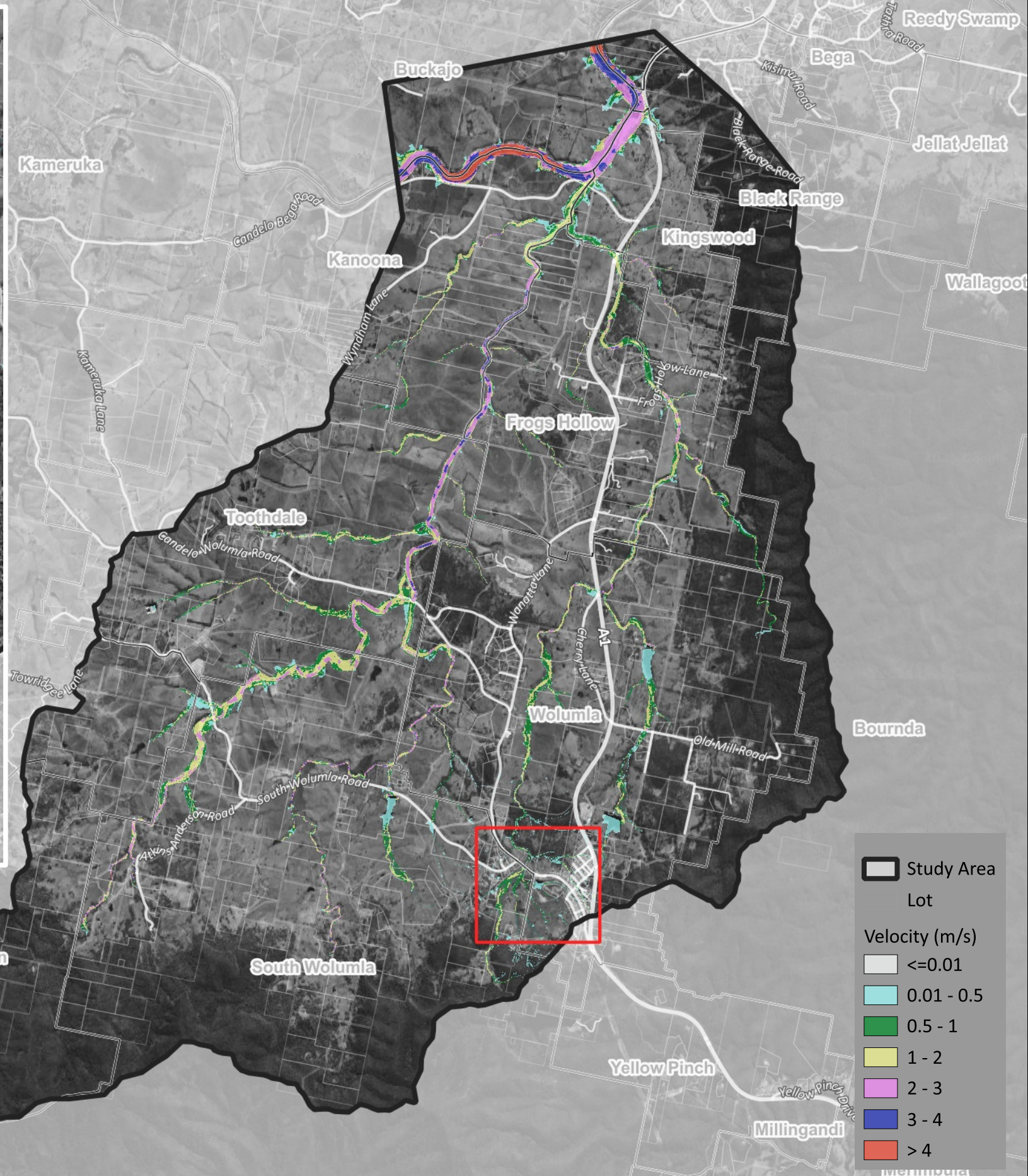
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**Wolumla FS FRMSP**  
**Velocity - 0.5% AEP**  
**Existing Scenario**

RG-01-22

11896 - Wolumla - Flood Maps Rev001.agz





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 Imagery Source: Google Earth

**Wolumla FS FRMSP**  
**Velocity - 1% AEP**  
**Existing Scenario**

RG-01-23

11896 - Wolumla - Flood Maps Rev001.agz



