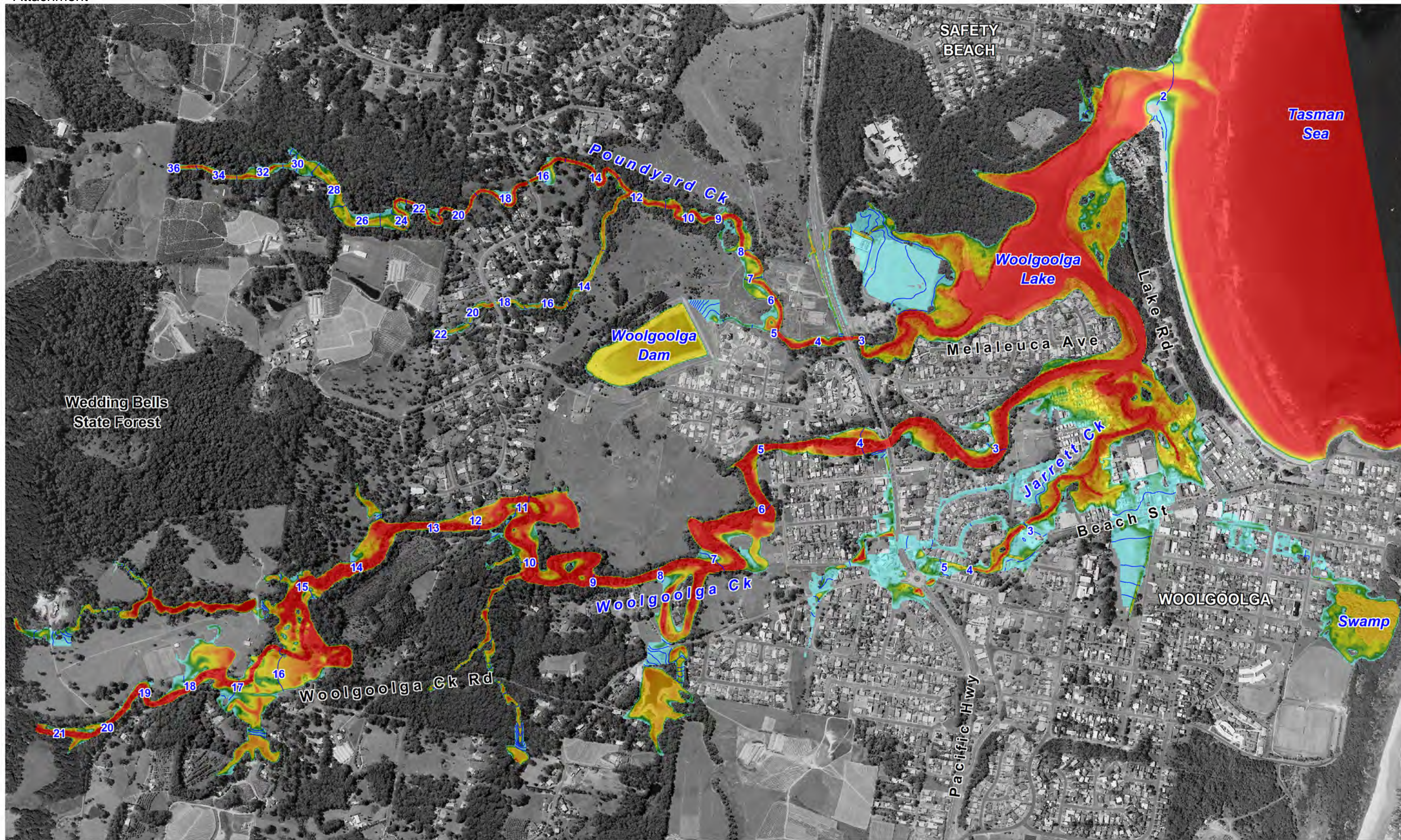


Appendix A Flood Mapping

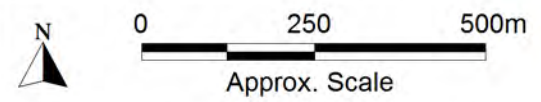


Title:
Woolgoolga Floodplain Risk Management Study
20% AEP Modelled Peak Flood Depths and Water Levels

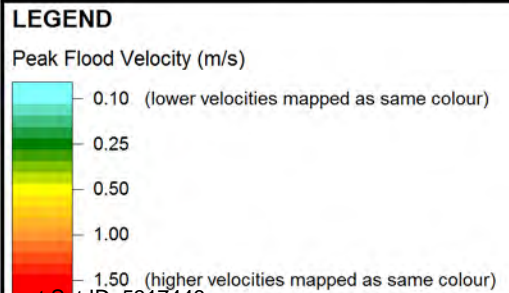
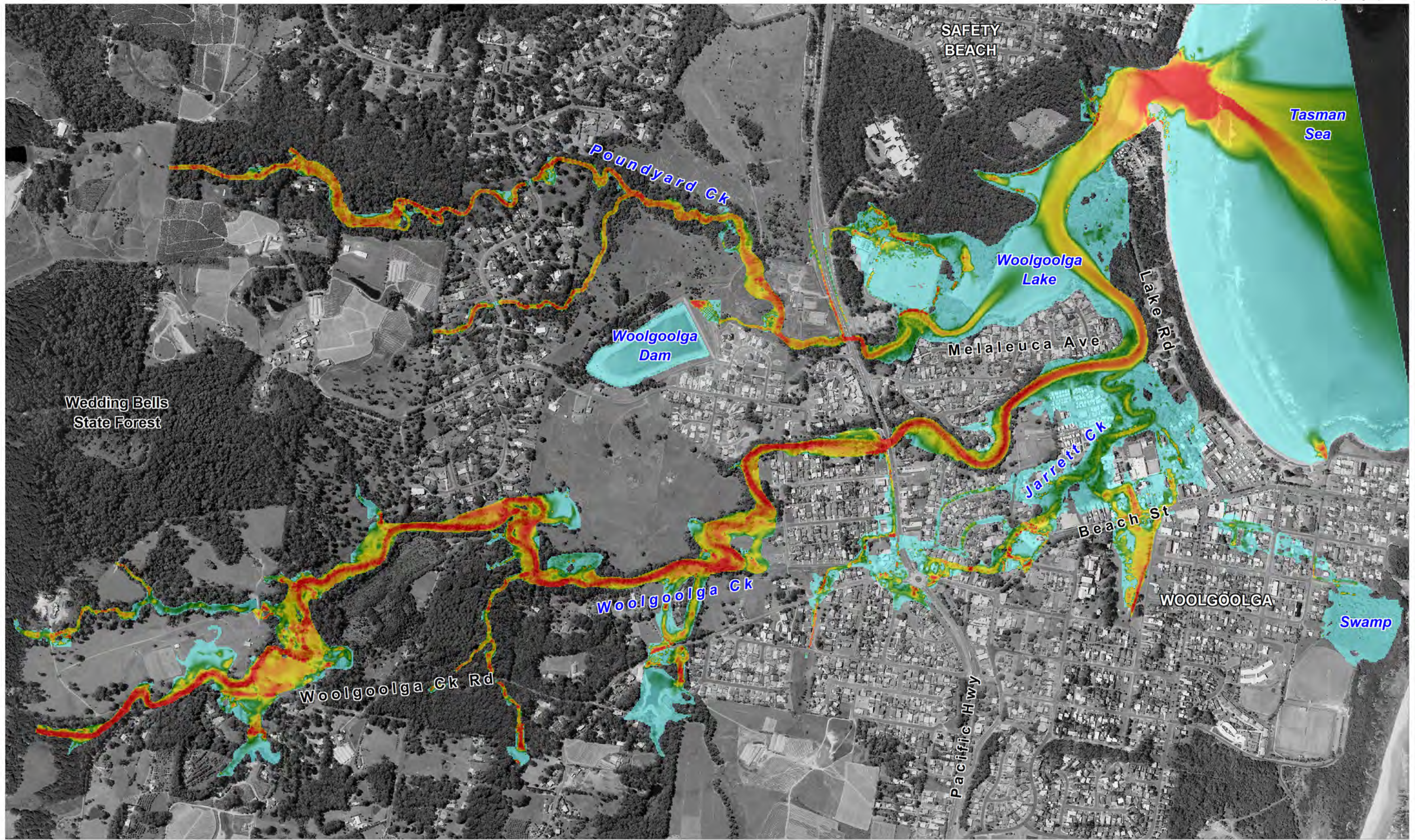
Figure:
A-1

Rev:
A

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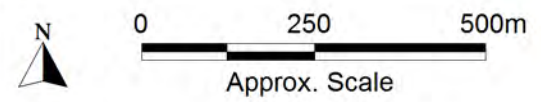


Title:
Woolgoolga Floodplain Risk Management Study
20% AEP Modelled Peak Flood Velocities

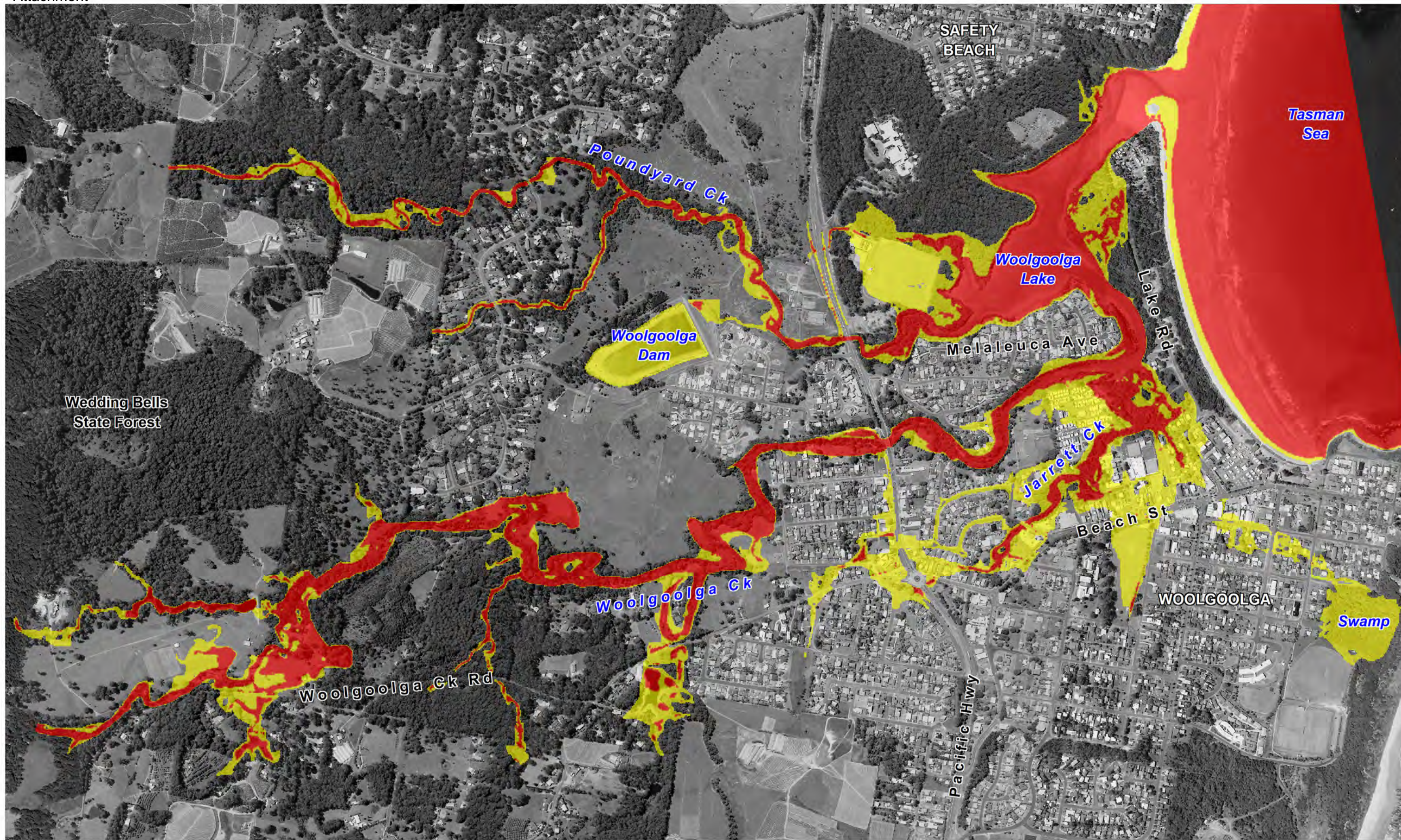
Figure:
A-2

Rev:
A

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Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_102_120507_20%AEP_Velocities.WOR



LEGEND

Peak Flood Hazard

- low hazard
- high hazard

Title:

Woolgoolga Floodplain Risk Management Study
20% AEP Modelled Peak Flood Hazards

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

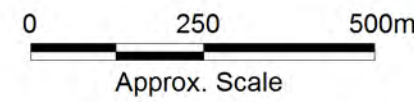


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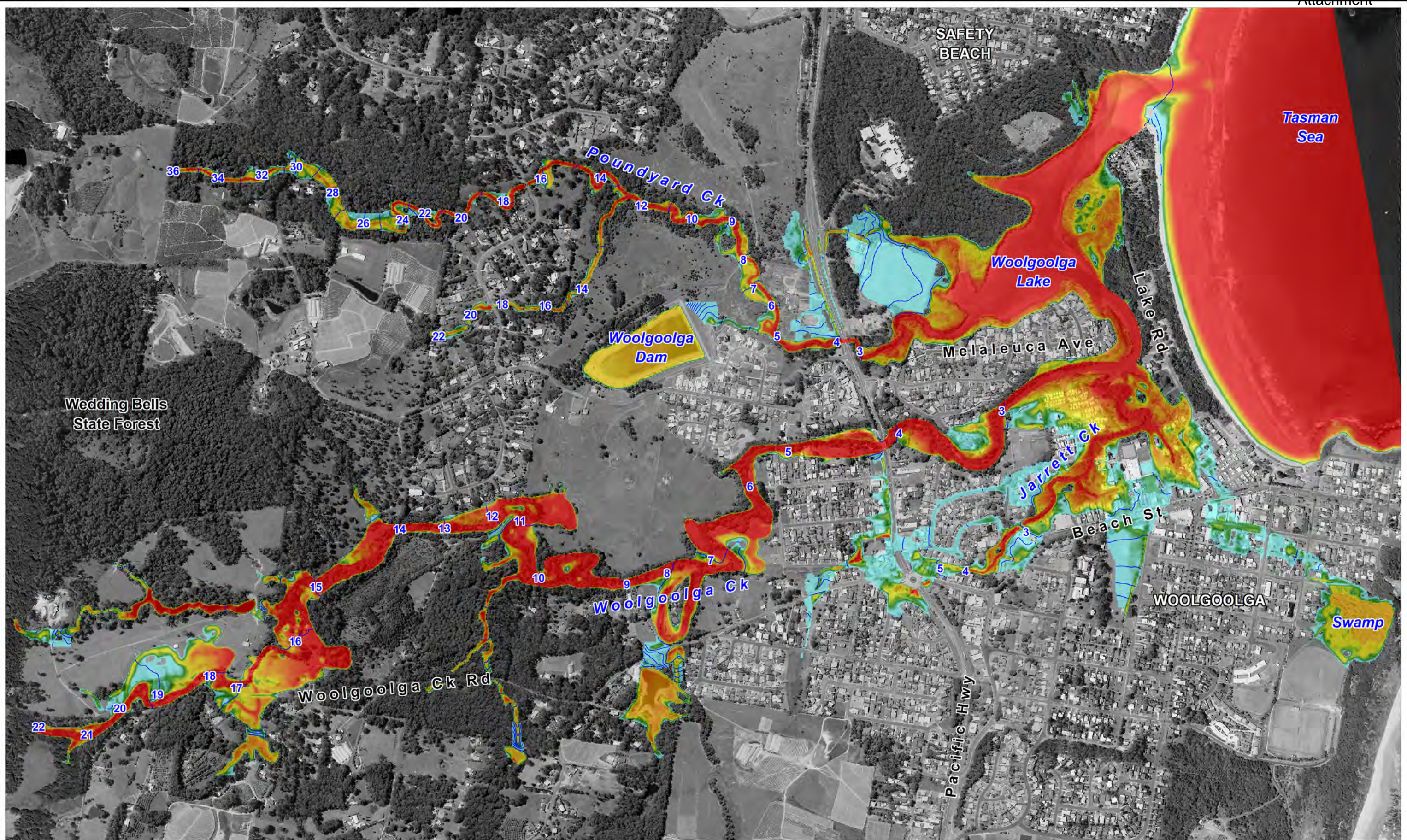
A-3

Rev:

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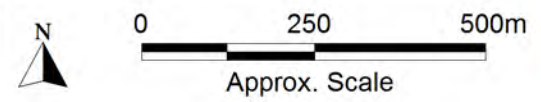


Title:
Woolgoolga Floodplain Risk Management Study
5% AEP Modelled Peak Flood Depths and Water Levels

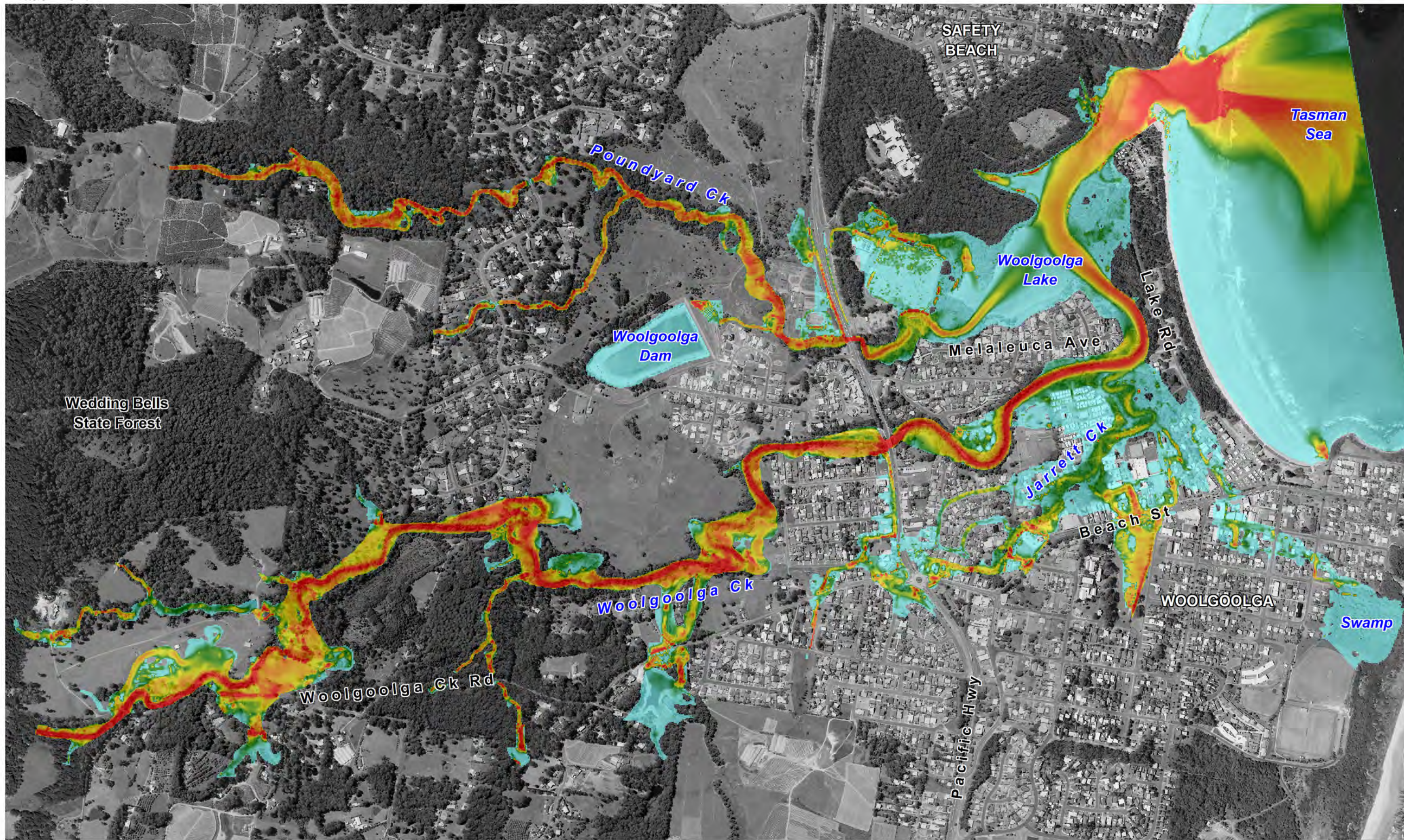
Figure:
A-4

Rev:
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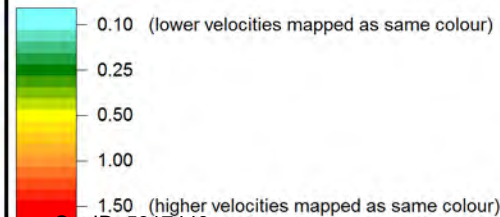


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LEGEND

Peak Flood Velocity (m/s)



Title:

**Woolgoolga Floodplain Risk Management Study
5% AEP Modelled Peak Flood Velocities**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

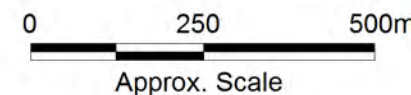


Figure:

A-5

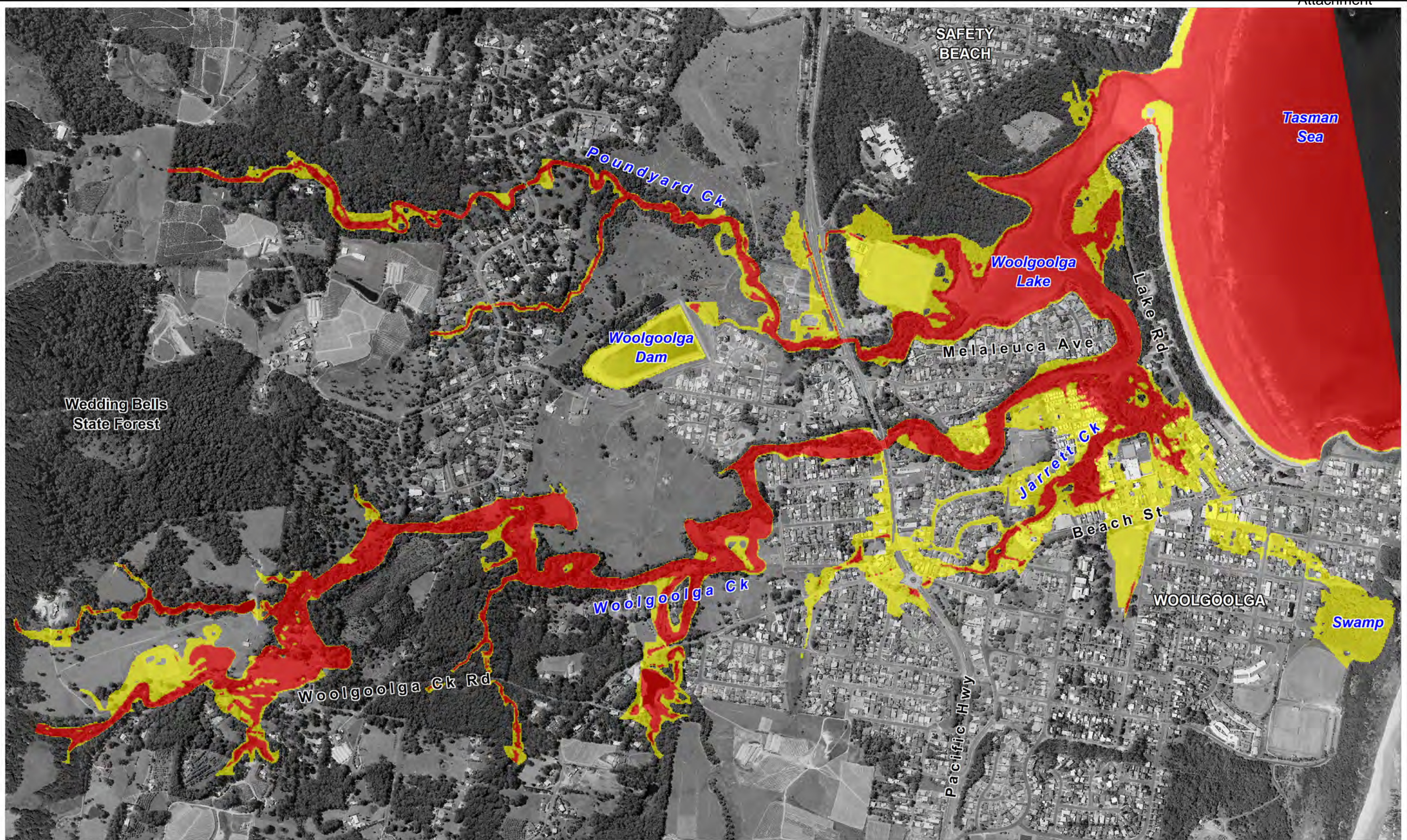
Rev:

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Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_105_120507_5% AEP_Velocities.WOR



LEGEND

Peak Flood Hazard

- low hazard
- high hazard

Title:

Woolgoolga Floodplain Risk Management Study
5% AEP Modelled Peak Flood Hazards

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

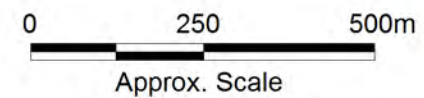


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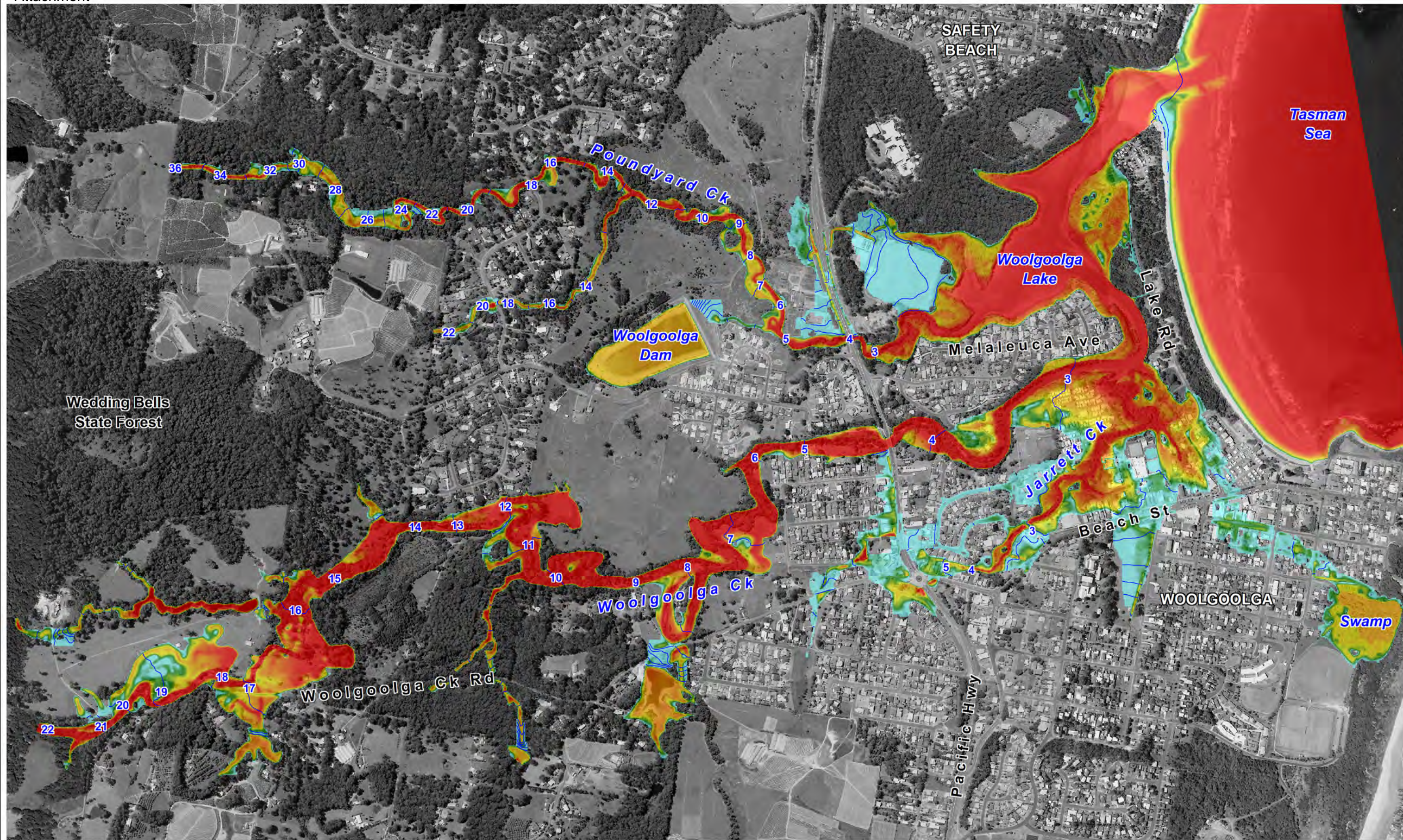
A-6

Rev:

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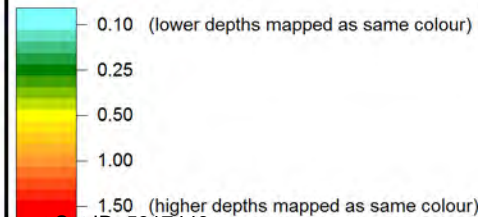


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LEGEND

Peak Flood Depth (m)



5 1m Interval Peak Flood Level Contours

Title:

**Woolgoolga Floodplain Risk Management Study
2% AEP Modelled Peak Flood Depths and Water Levels**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

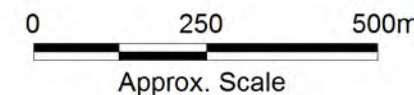


Figure:

A-7

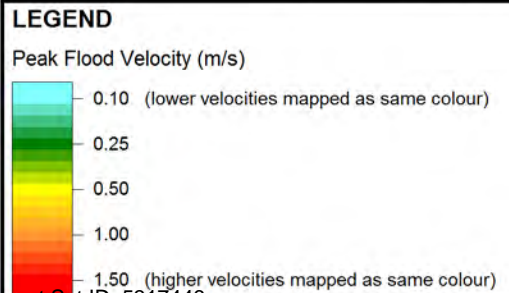
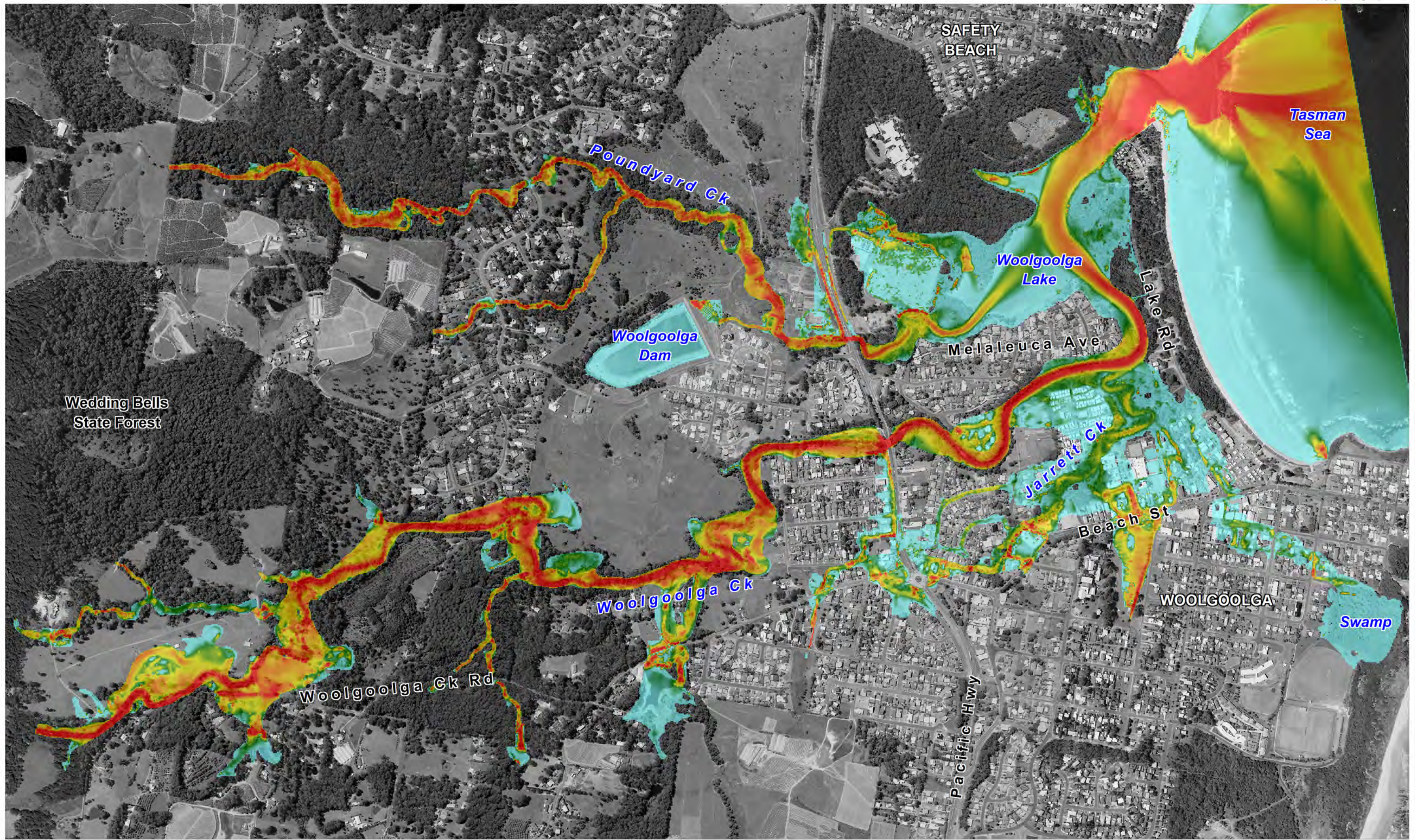
Rev:

A



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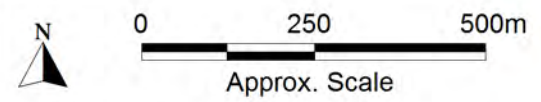
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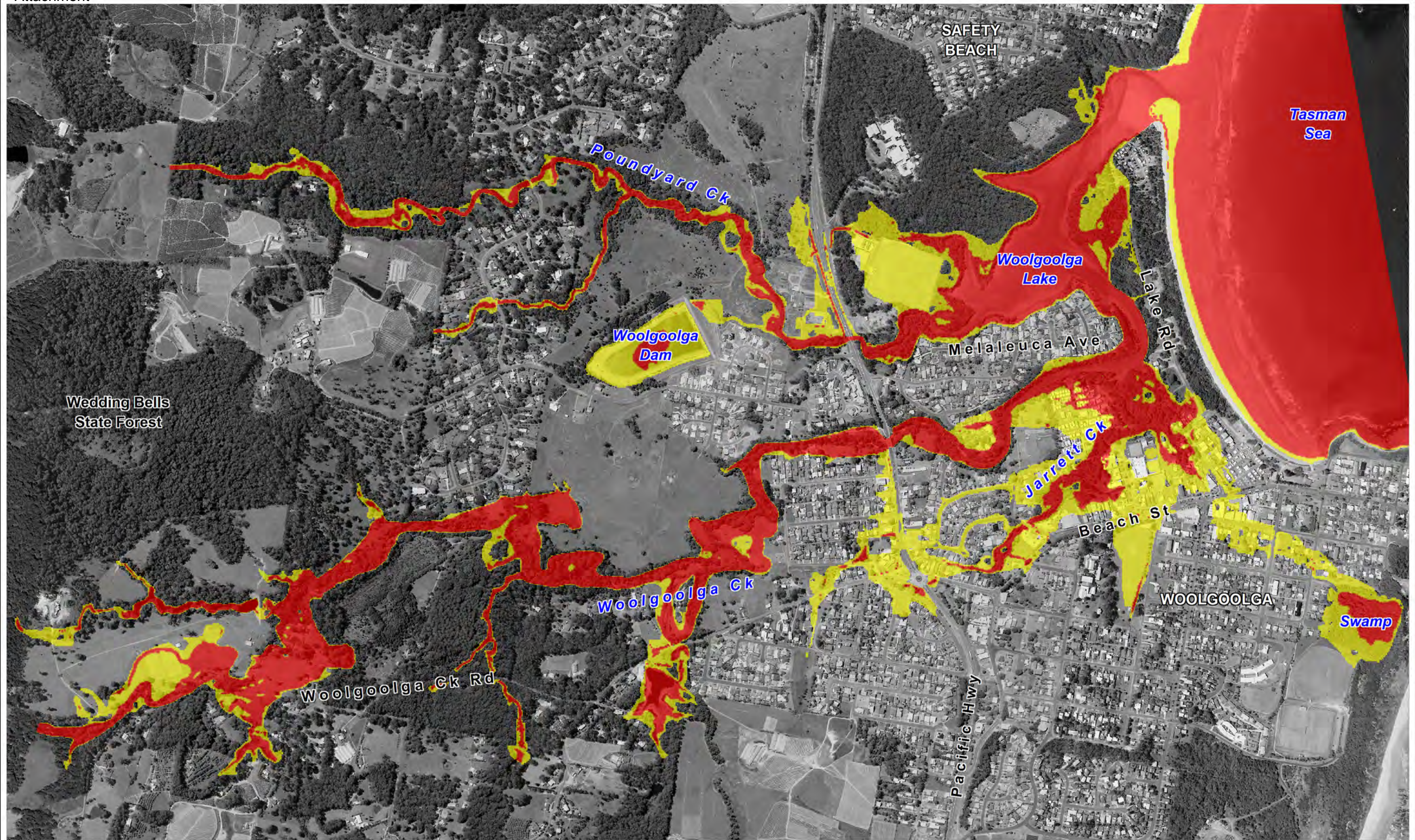
Title:
Woolgoolga Floodplain Risk Management Study
2% AEP Modelled Peak Flood Velocities

Figure: A-8	Rev: A
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Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_108_120507_2%AEP_Velocities.WOR



LEGEND

Peak Flood Hazard

- low hazard
- high hazard

Title:

Woolgoolga Floodplain Risk Management Study
2% AEP Modelled Peak Flood Hazards

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

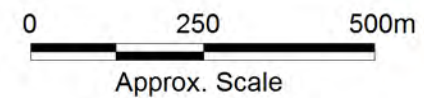


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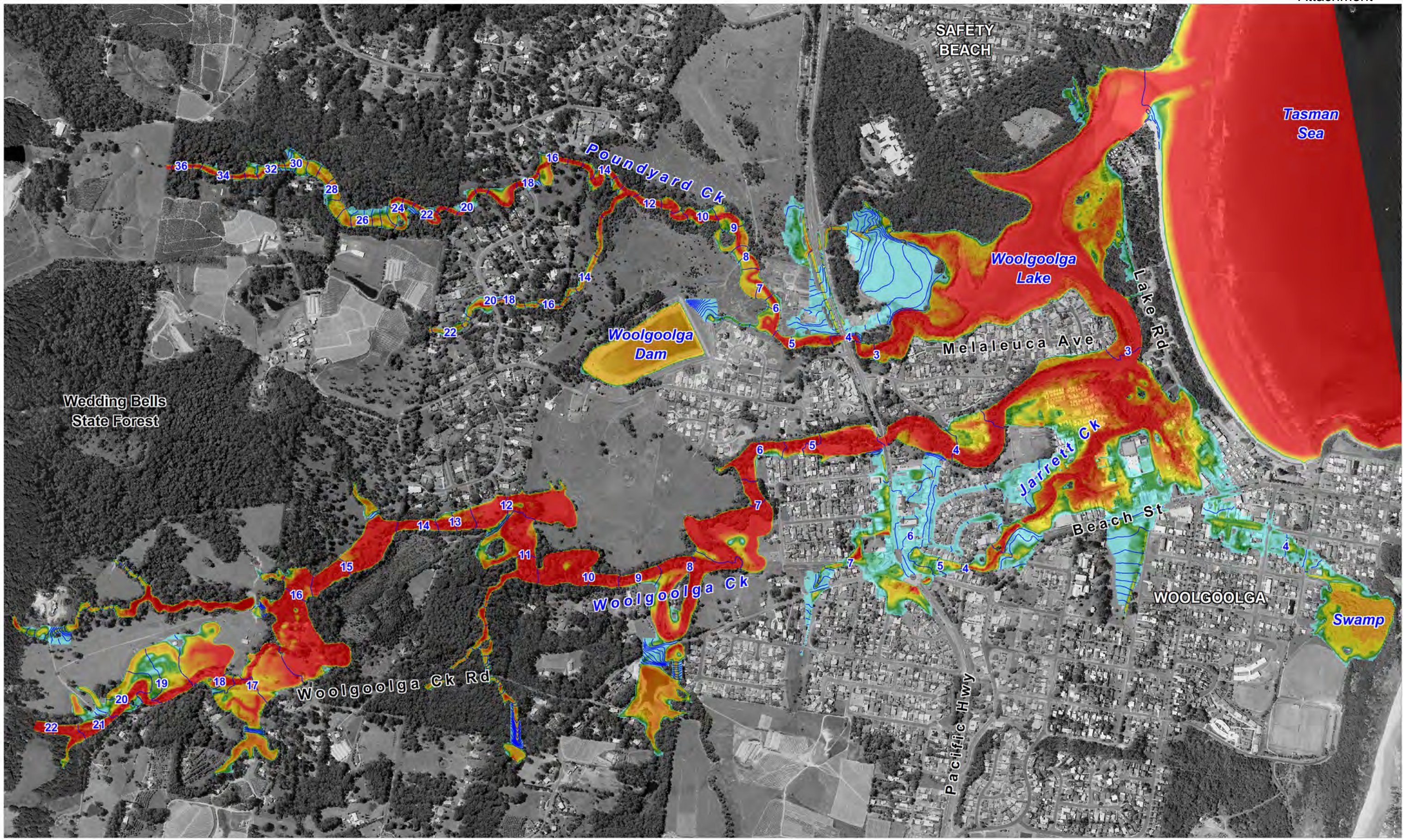
A-9

Rev:

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Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_109_120507_2%AEP_Hazards.WOR



LEGEND

Peak Flood Depth (m)

- 0.10 (lower depths mapped as same colour)
- 0.25
- 0.50
- 1.00
- 1.50 (higher depths mapped as same colour)

5 0.5m Interval Peak Flood Level Contours

Title:
Woolgoolga Floodplain Risk Management Study
1% AEP Modelled Peak Flood Depths and Water Levels

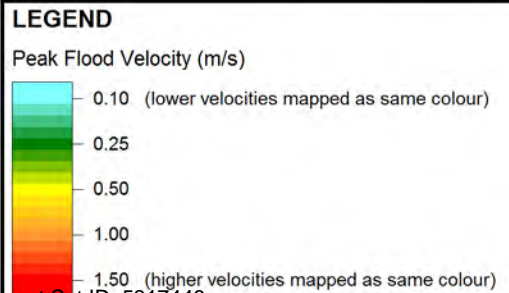
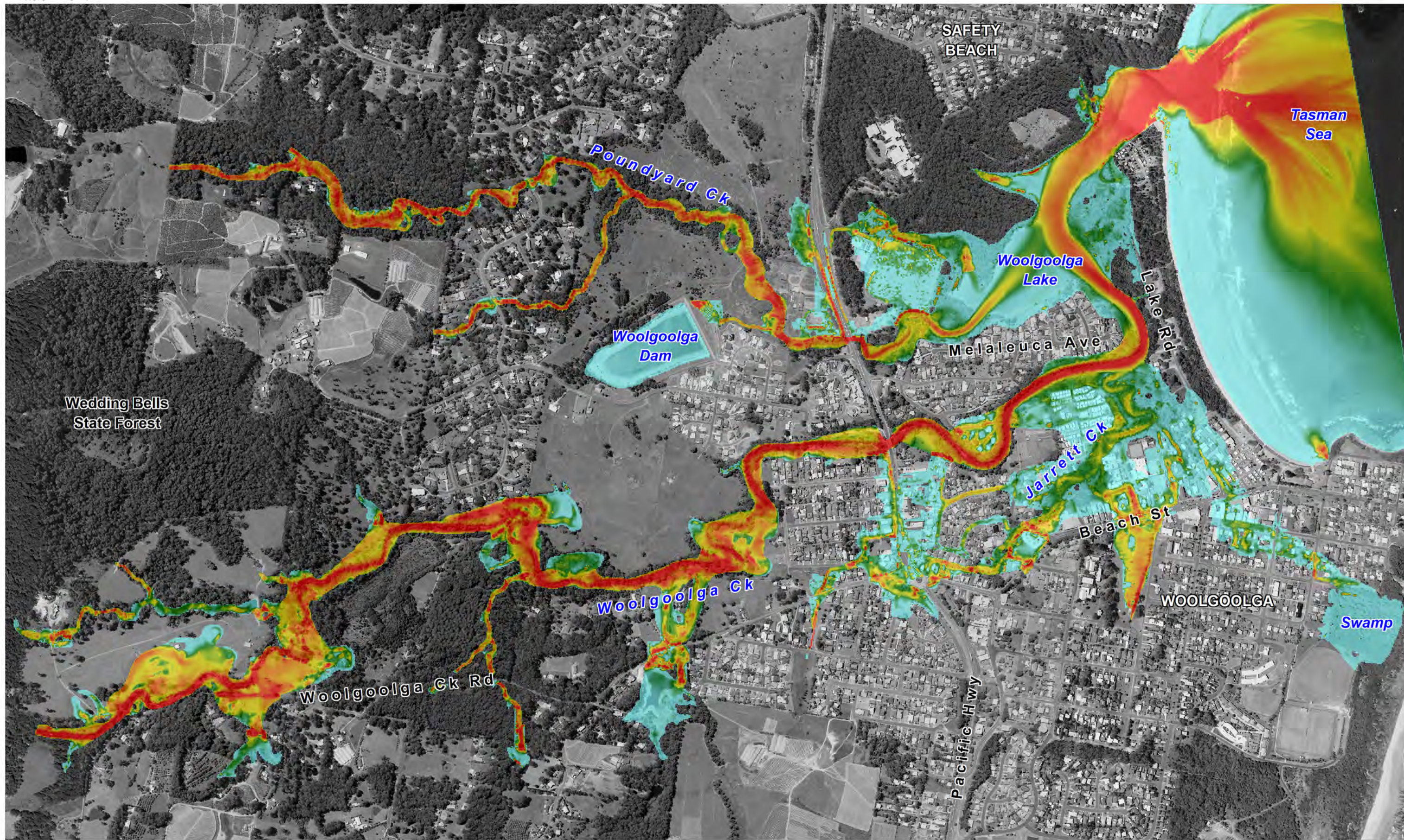
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Figure:
A-10

Rev:
A

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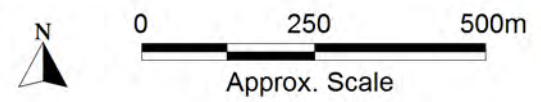


Title:
Woolgoolga Floodplain Risk Management Study
1% AEP Modelled Peak Flood Velocities

Figure:
A-11

Rev:
A

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Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_111_120507_1% AEP_Velocities.WOR



LEGEND

Peak Flood Hazard

- low hazard
- high hazard

Title:

Woolgoolga Floodplain Risk Management Study
1% AEP Modelled Peak Flood Hazards

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

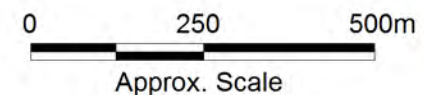
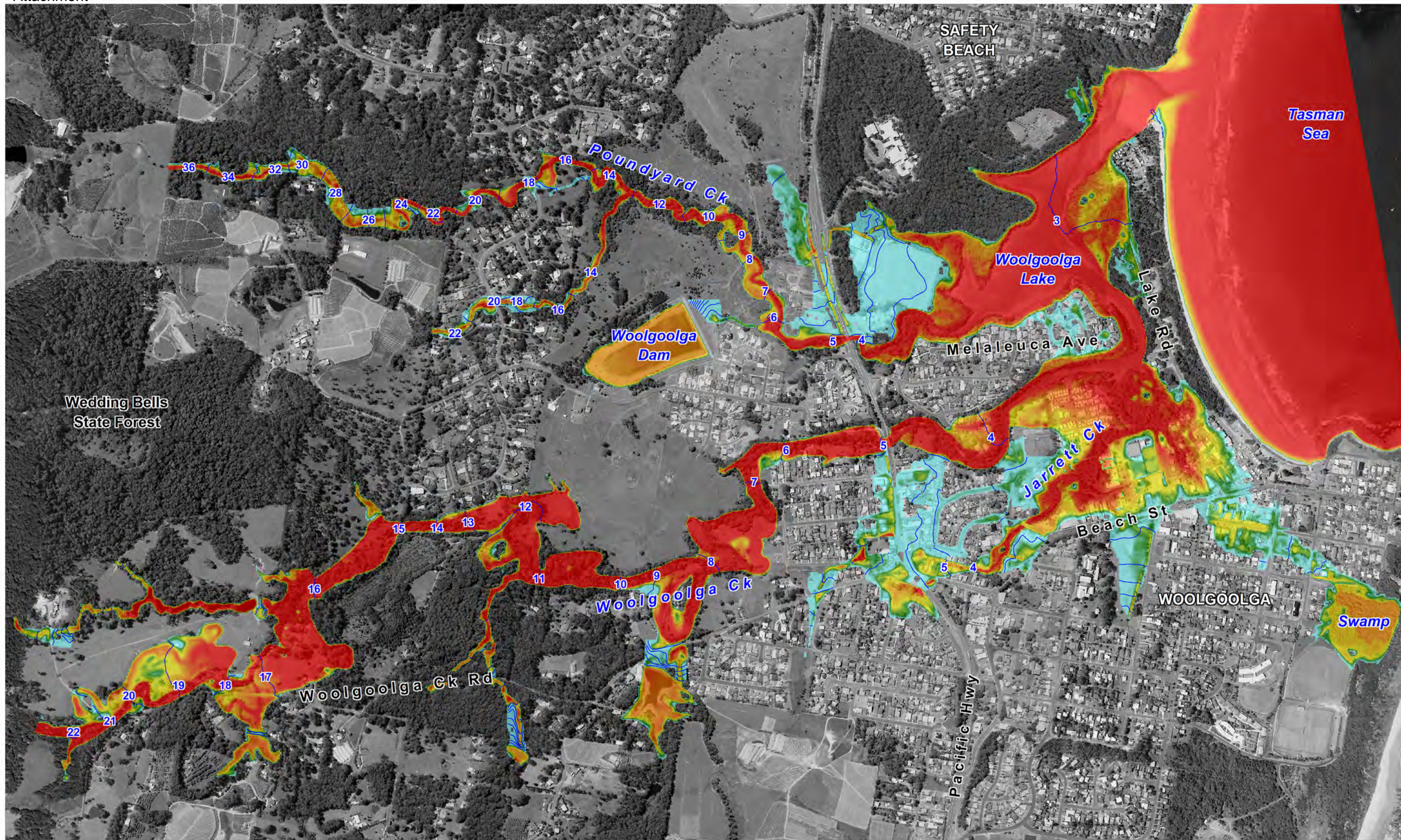


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A-12

Rev:
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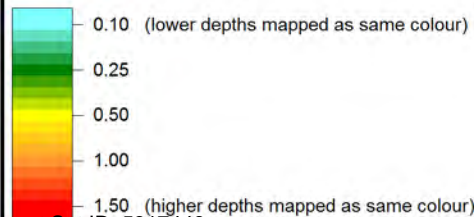


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LEGEND

Peak Flood Depth (m)



5 1m Interval Peak Flood Level Contours

Title:

**Woolgoolga Floodplain Risk Management Study
0.2% AEP Modelled Peak Flood Depths and Water Levels**

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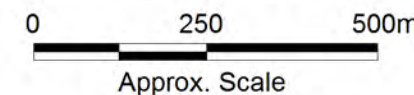


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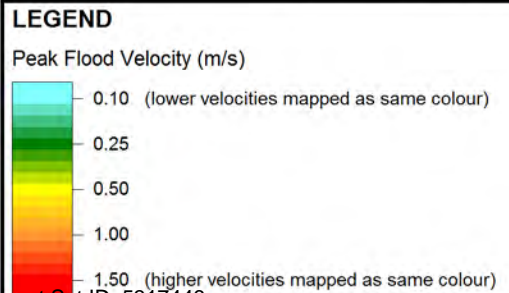
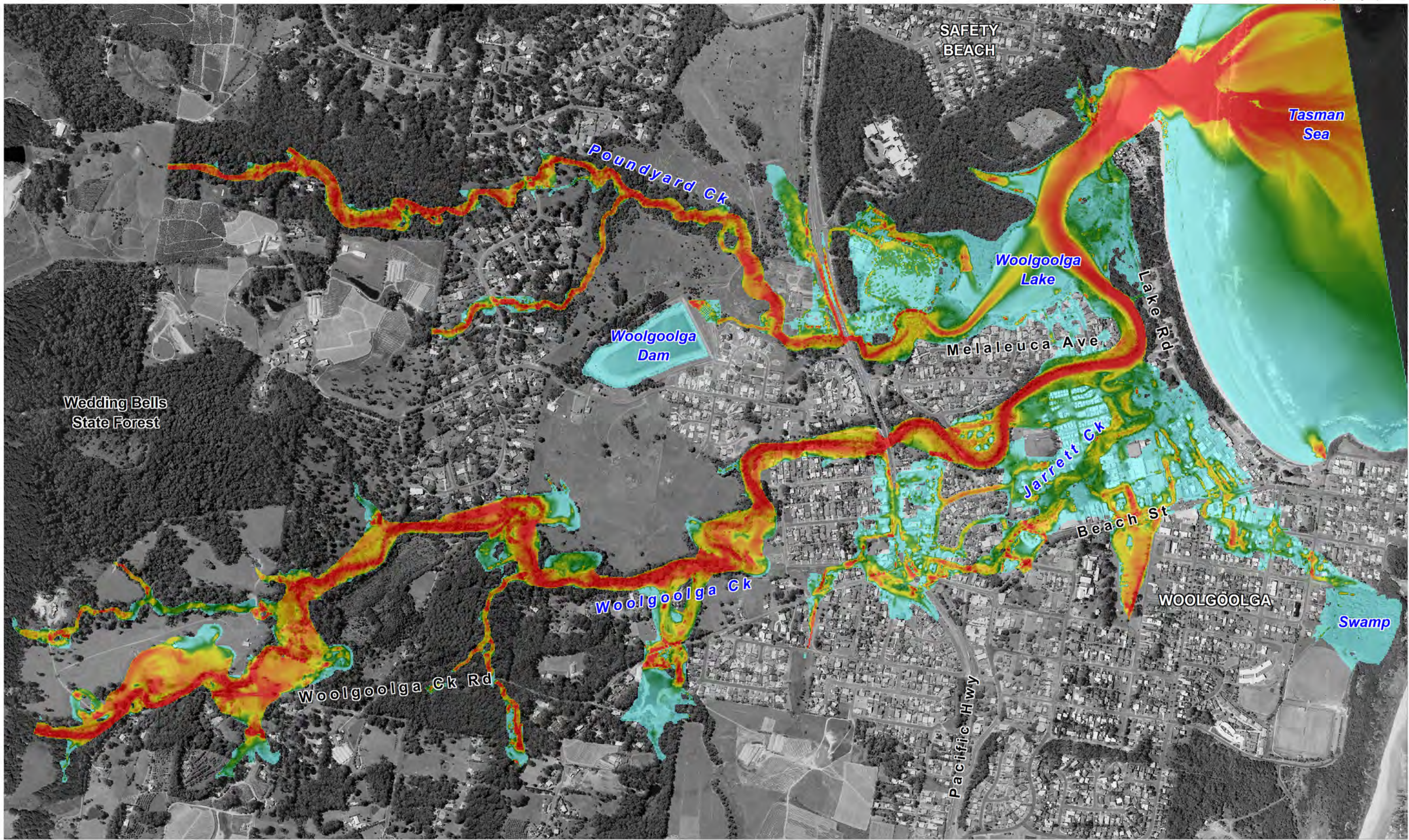
A-13

Rev:

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Title:
Woolgoolga Floodplain Risk Management Study
0.2% AEP Modelled Peak Flood Velocities

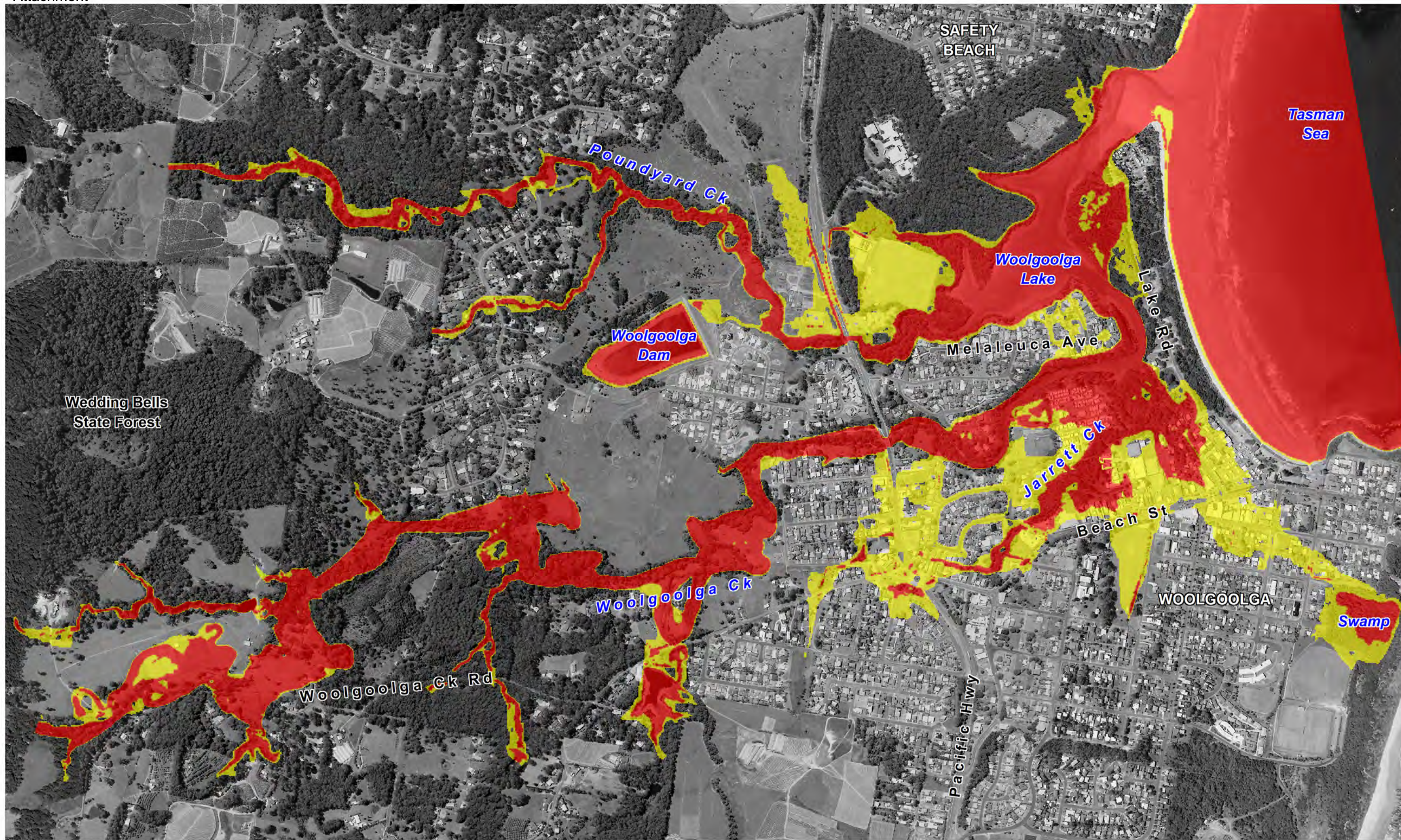
Figure:
A-14

Rev:
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Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_114_120507_0.2%AEP_Velocities.WOR



LEGEND

Peak Flood Hazard

- low hazard
- high hazard

Title:

Woolgoolga Floodplain Risk Management Study
0.2% AEP Modelled Peak Flood Hazards

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

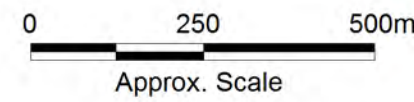
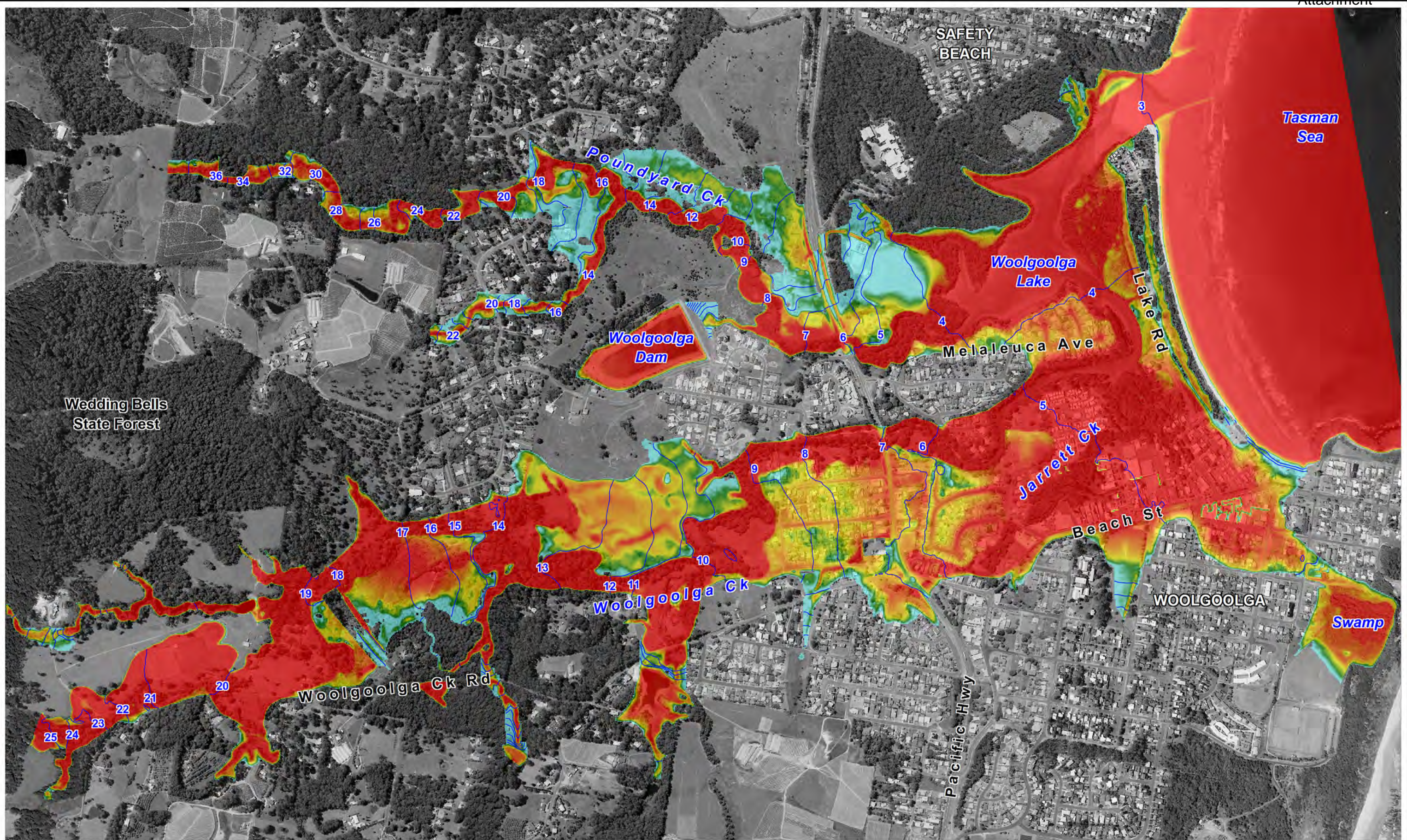


Figure:
A-15

Rev:
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Title:
Woolgoolga Floodplain Risk Management Study
PMF Modelled Peak Flood Depths and Water Levels

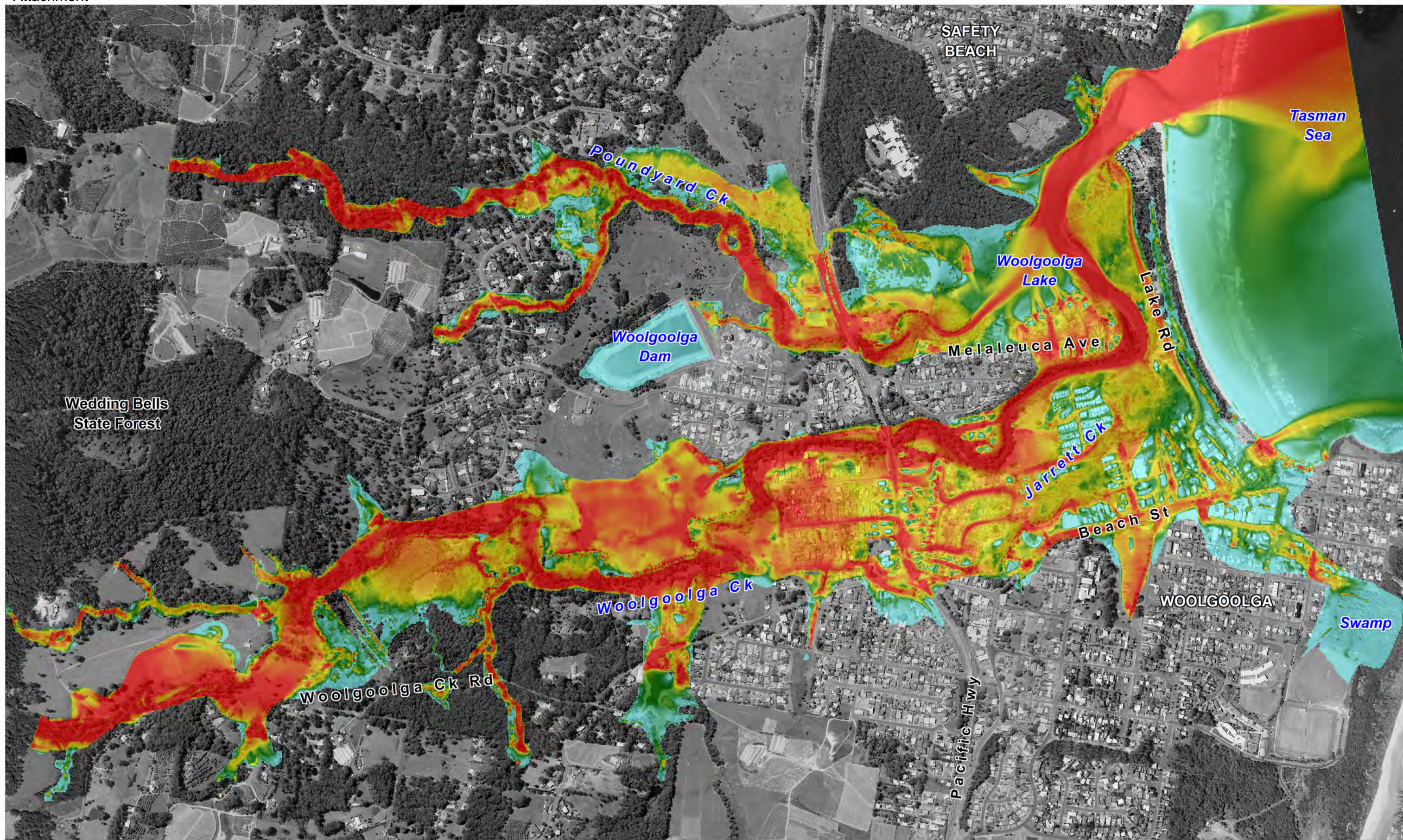
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A-16

Rev:
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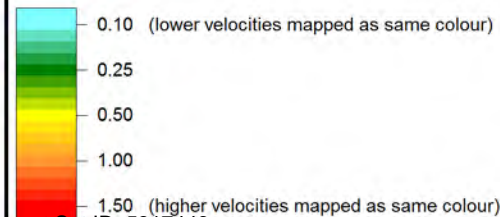


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LEGEND

Peak Flood Velocity (m/s)



Title:

**Woolgoolga Floodplain Risk Management Study
PMF Modelled Peak Flood Velocities**

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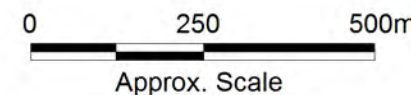


Figure:

A-17

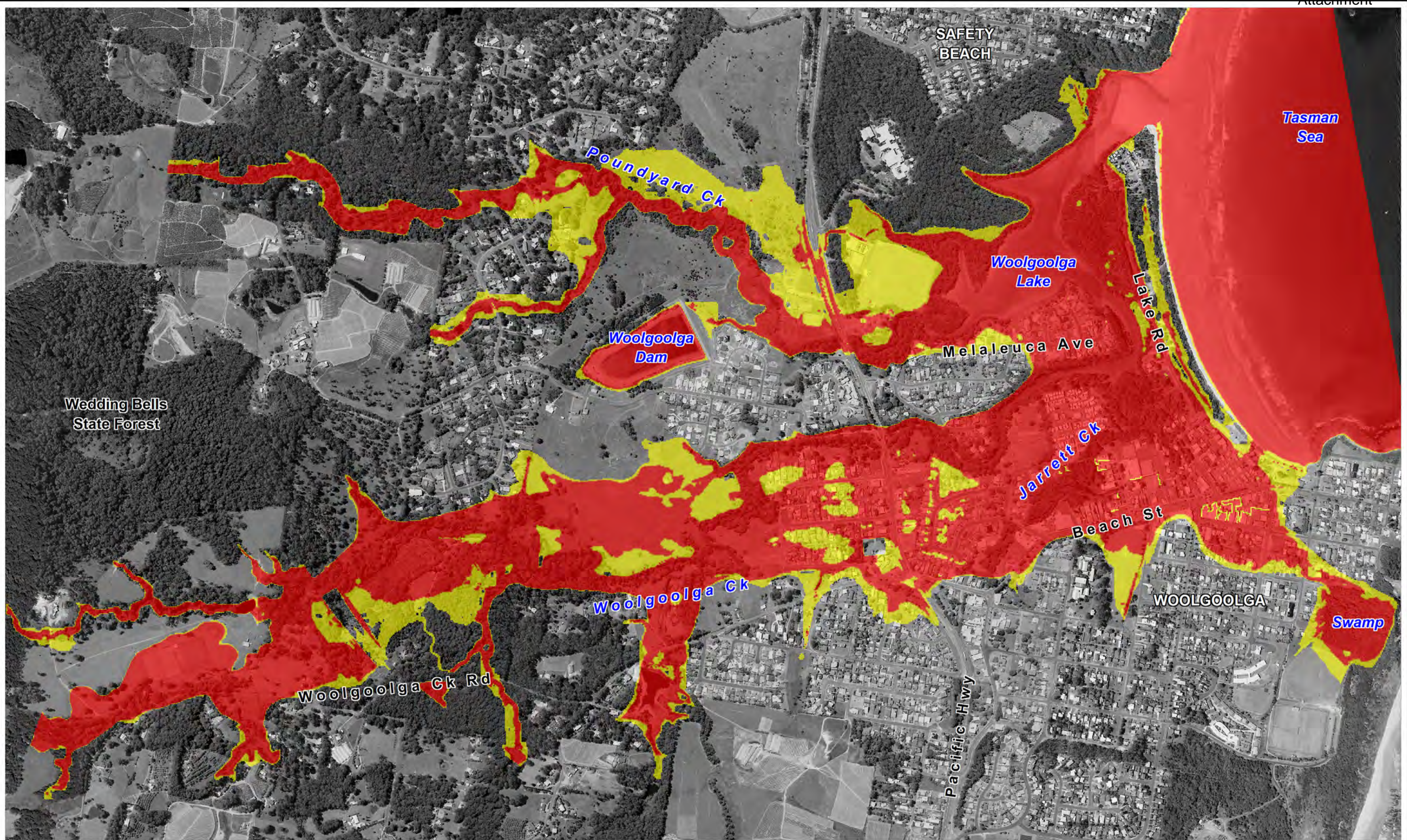
Rev:

A



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Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_117_120507_PMF_Velocities.WOR



LEGEND

Peak Flood Hazard

- low hazard
- high hazard

Title:

Woolgoolga Floodplain Risk Management Study
PMF Modelled Peak Flood Hazards

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

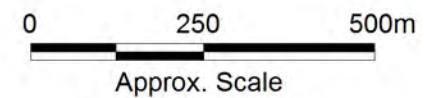
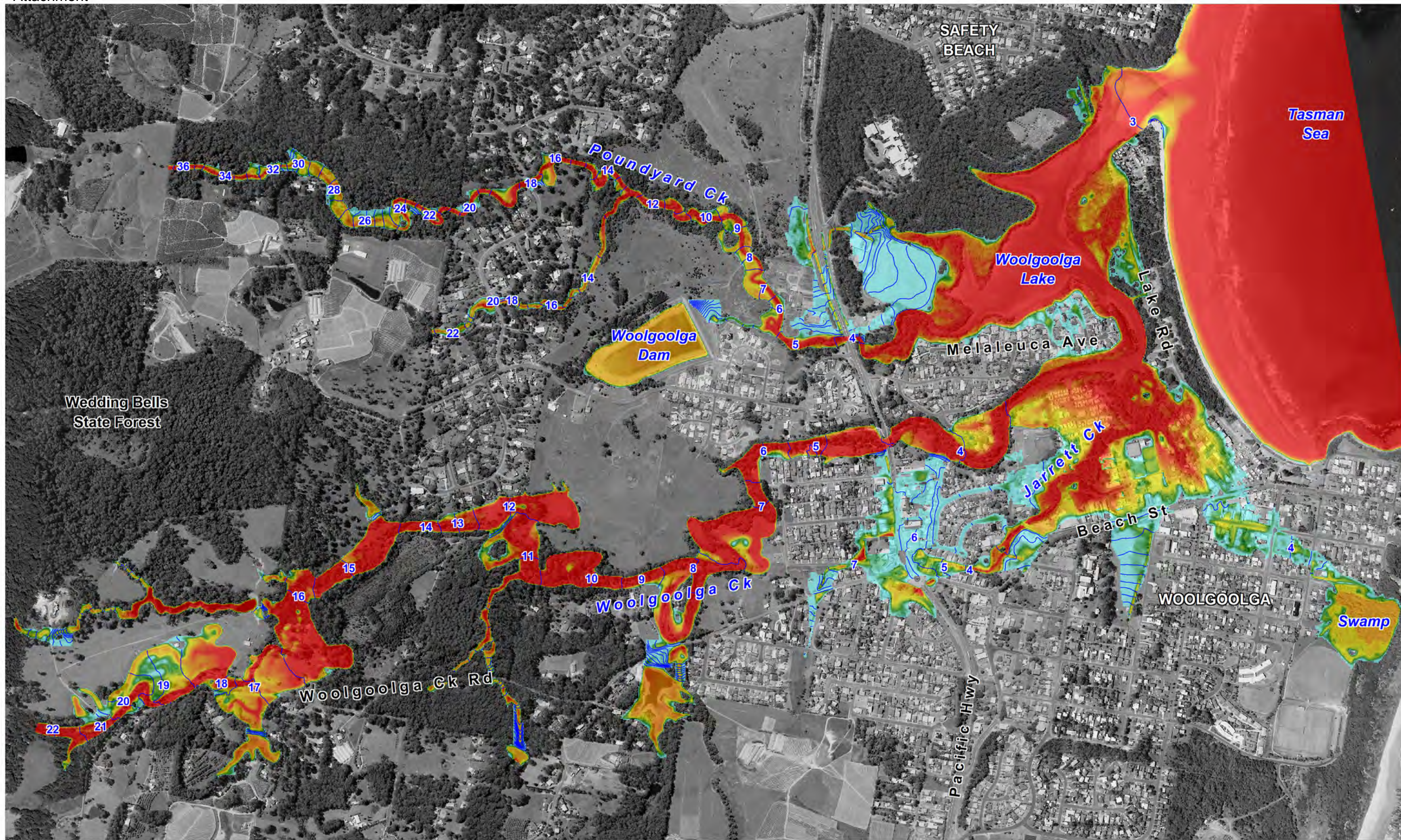


Figure:
A-18

Rev:
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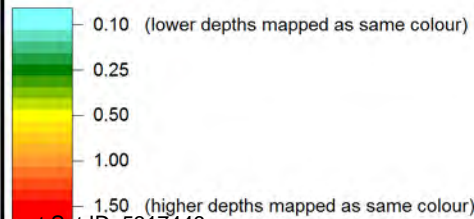


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LEGEND

Peak Flood Depth (m)



0.5m Interval Peak Flood Level Contours

Title:

**Woolgoolga Floodplain Risk Management Study
1% AEP with 2050 SLR Peak Flood Depths and Water Levels**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

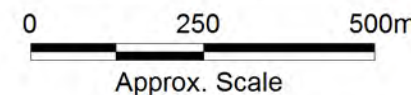


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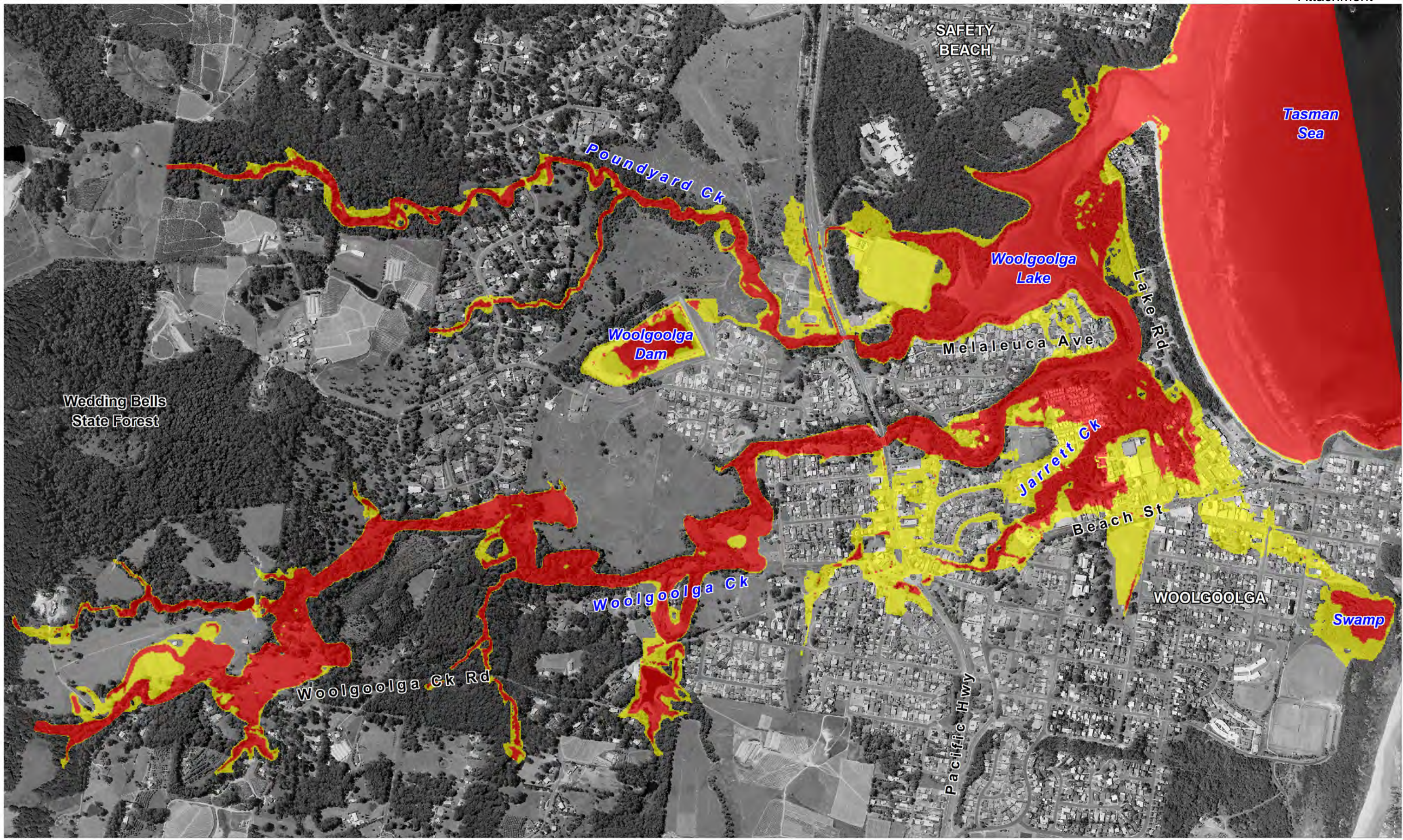
A-19

Rev:

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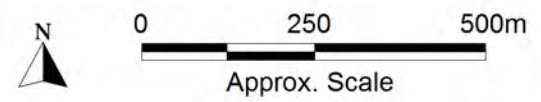


LEGEND
 Peak Flood Hazard
 low hazard
 high hazard

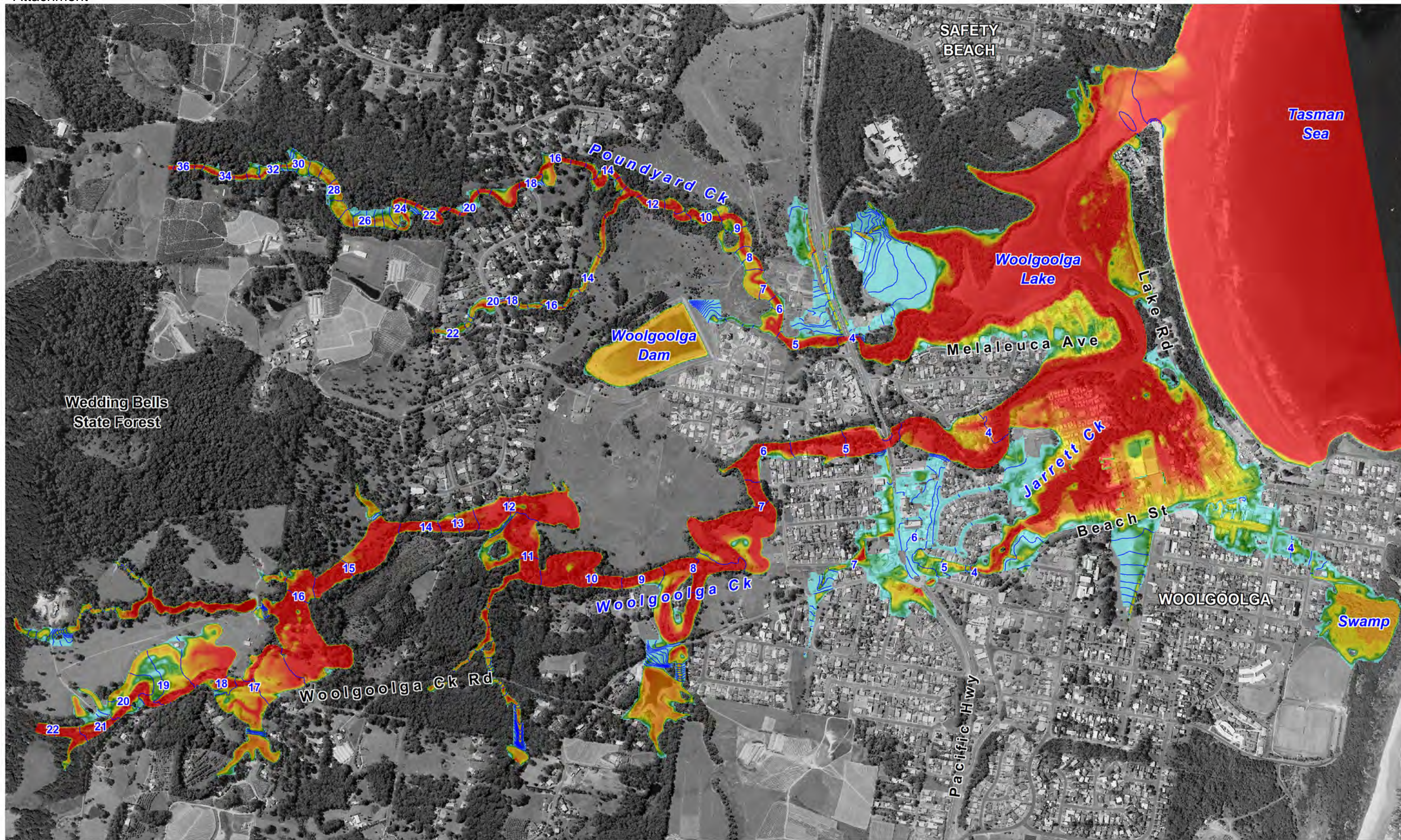
Title:
Woolgoolga Floodplain Risk Management Study
1% AEP with 2050 SLR Modelled Peak Flood Hazards

Figure:
A-20
 Rev:
A

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

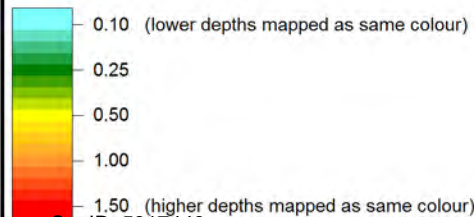


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LEGEND

Peak Flood Depth (m)



0.5m Interval Peak Flood Level Contours

Title:

**Woolgoolga Floodplain Risk Management Study
1% AEP with 2100 SLR Peak Flood Depths and Water Levels**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

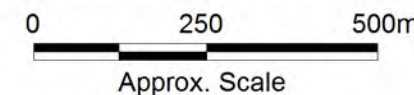


Figure:

A-21

Rev:

A



Filepath : K:\N20192_Woolgoolga_FRMS\MapInfo\Workspaces\Updated_Design_Figures\DRG_121_120507_1%AEP_SLR2100_Depths.WOR



LEGEND

Peak Flood Hazard

- low hazard
- high hazard

Title:

Woolgoolga Floodplain Risk Management Study
1% AEP with 2100 SLR Modelled Peak Flood Hazards

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

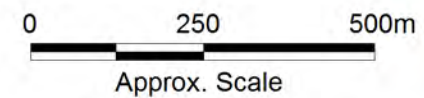
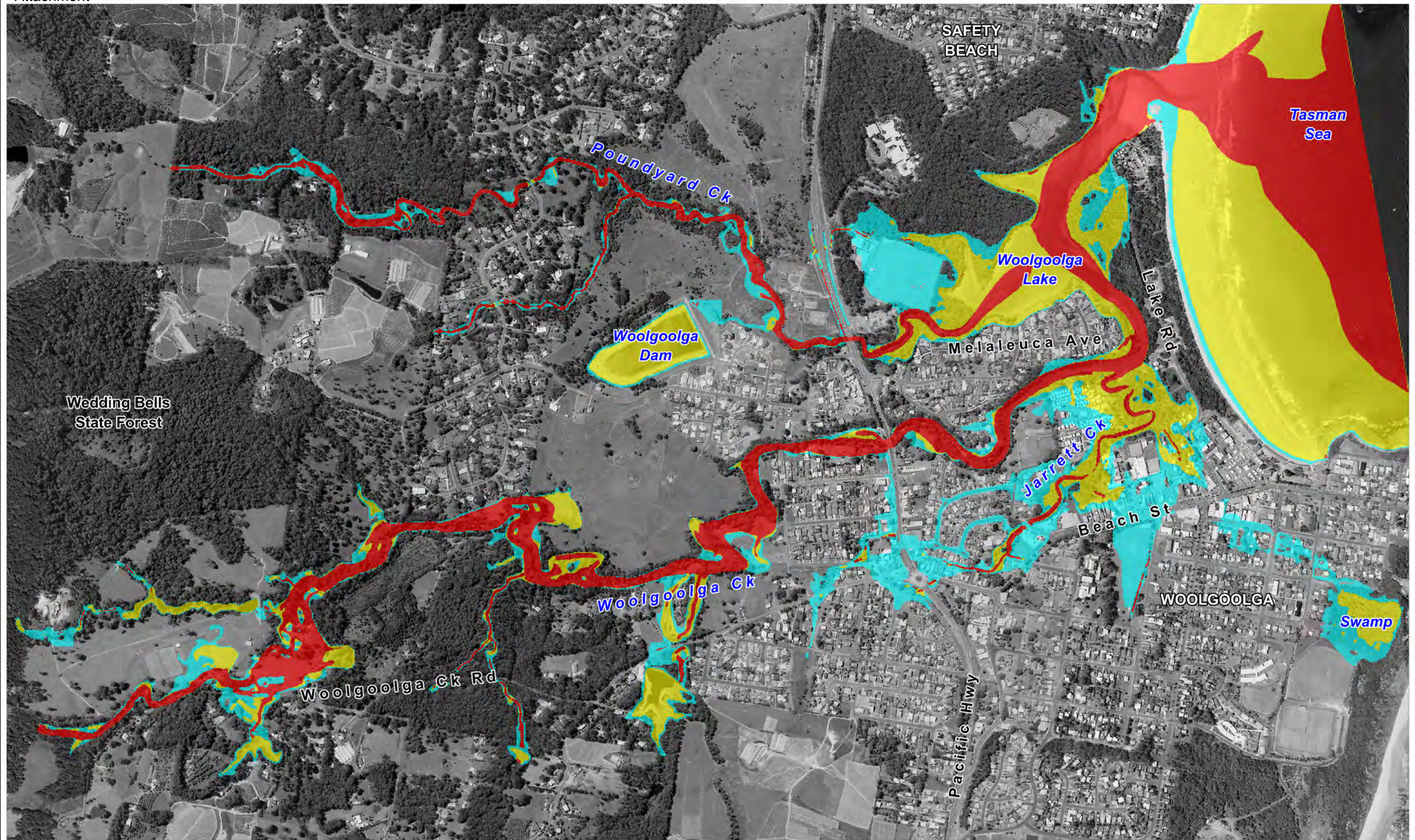


Figure:
A-22

Rev:
A



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LEGEND

Hydraulic Categorisation

- Flood Fringe
- Flood Storage (peak flood depth >0.5m at the 20%AEP event)
- Floodway (peak velocity * depth product >0.3 at the 20%AEP event)

Title:

**Woolgoolga Floodplain Risk Management Study
20% AEP Hydraulic Categorisation**

BMT WBM endeavours to ensure that the information provided in this map is correct at the time of publication. BMT WBM does not warrant, guarantee or make representations regarding the currency and accuracy of information contained in this map.

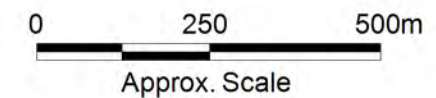


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Rev:
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