

Wallahah Creek Catchment Floodplain Risk Management Study & Plan

Final Report
Volume 2 of 2: Figures



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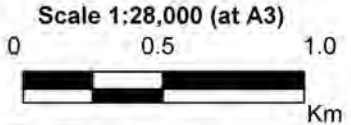
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- Figure 36: Draft Floodplain Risk Management Plan for the Wallarah Creek catchment



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- Catchment Boundary
- Railway
- Waterways



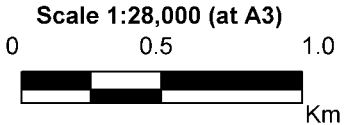
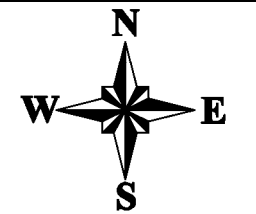
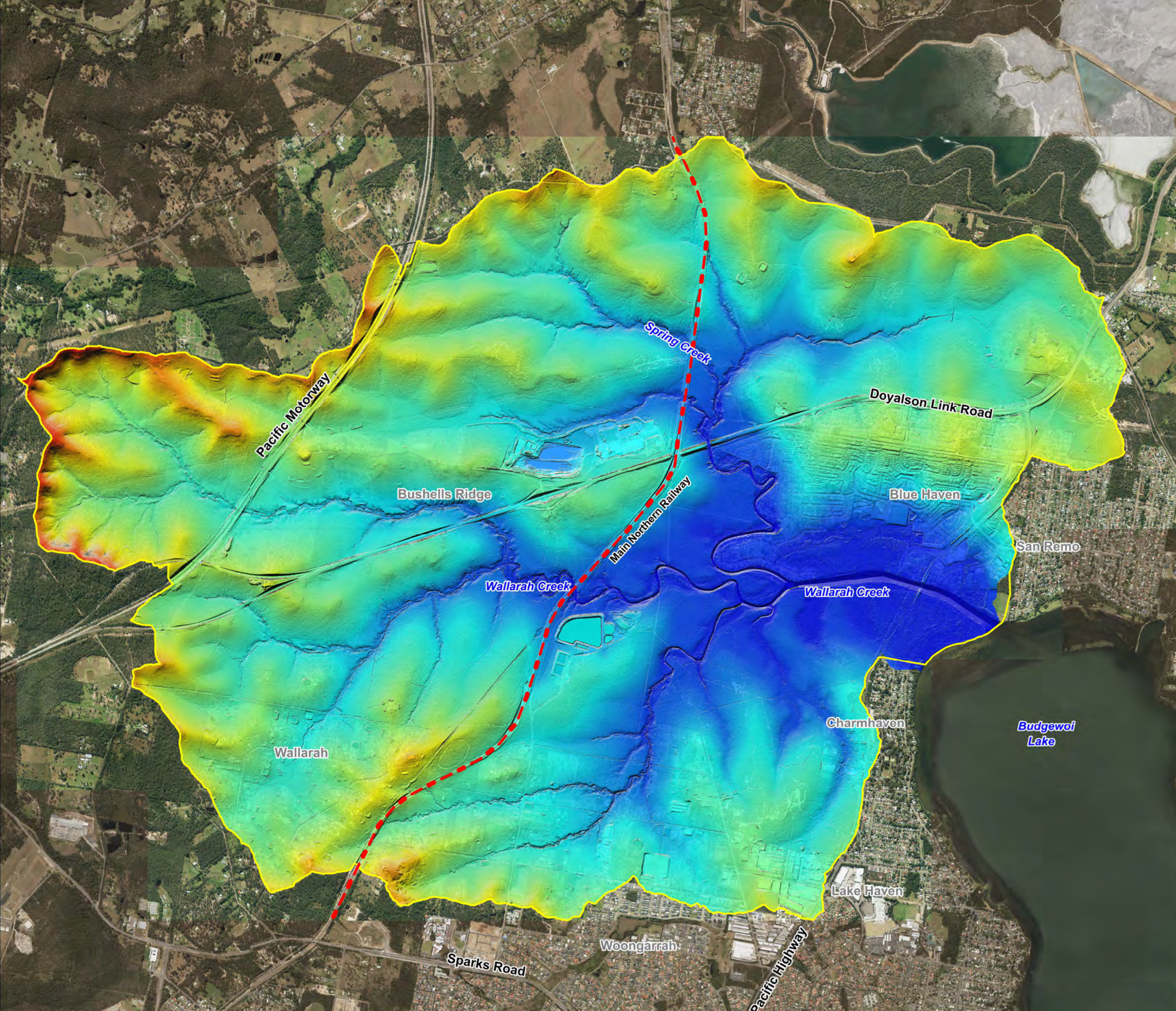
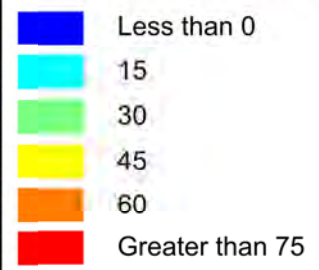
**Figure 1:
Walarah Creek
Catchment**

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File Name: Fig1 - Wallarah Creek
Catchment.wor



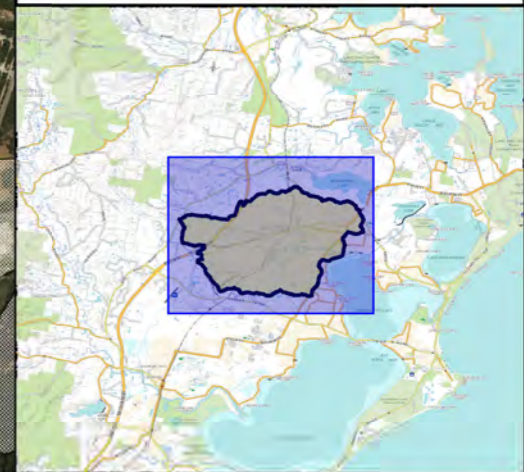
Elevation (mAHD)



**Figure 2:
Digital Elevation
Model**

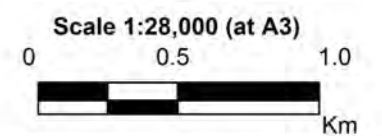
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File Name: Fig2 - Digital Elevation Model.wor



Elevation (mAHD)

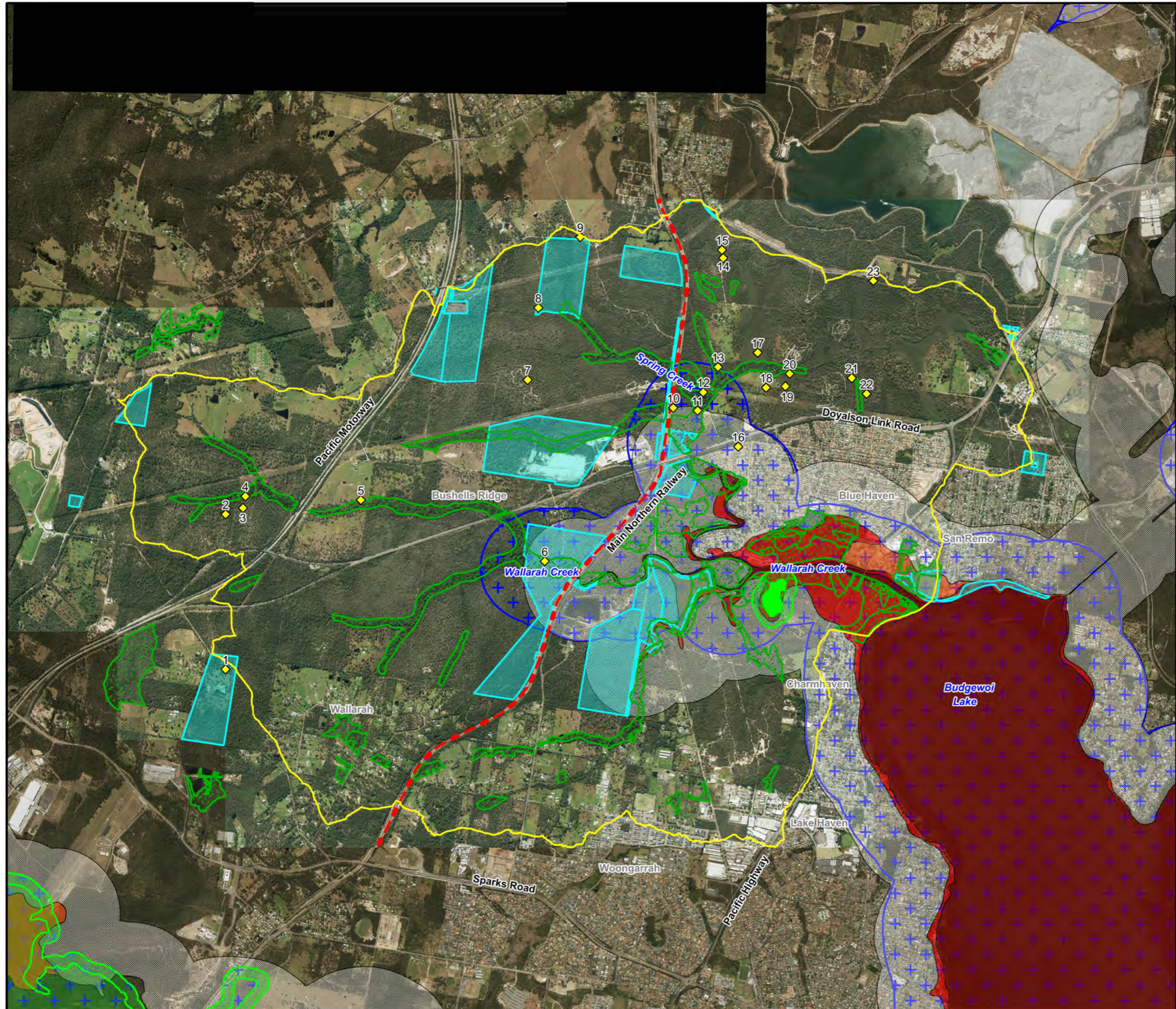
- 1 Aboriginal heritage site
 - Aboriginal Land Claims
 - Endangered Ecological Communities
 - Coastal Environmental Area
 - Coastal Wetland and Proximity Area
- Acid Sulphate Soil Class**
- Class 1
 - Class 2
 - Class 3
 - Class 4
 - Class 5



**Figure 3:
Environmental and
Heritage Constraint**

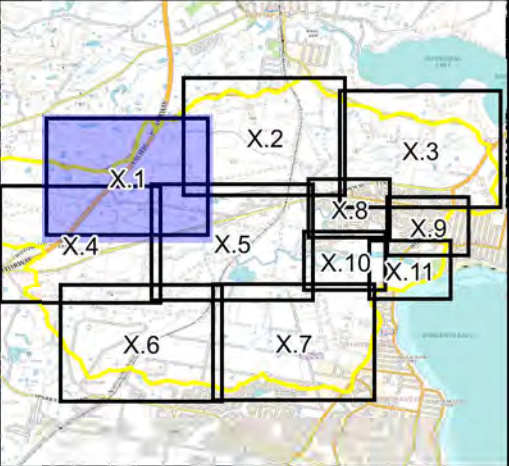
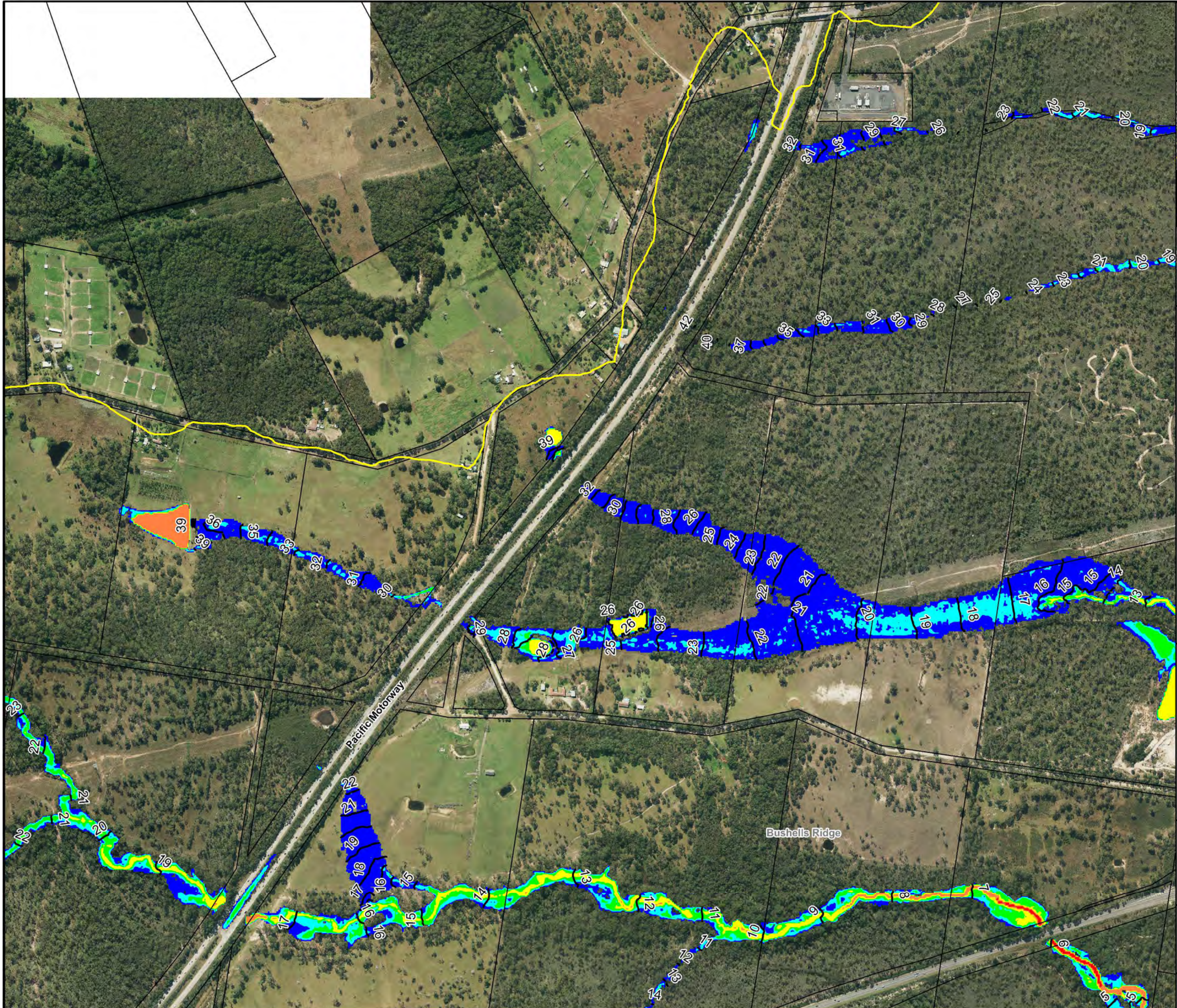
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File Name: Fig3 - Environmental and Heritage Constraint.wor



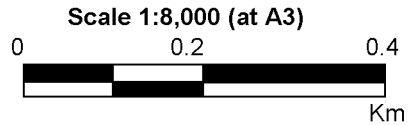
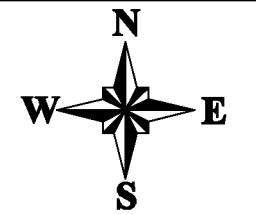
FLOODWATER DEPTH MAPS






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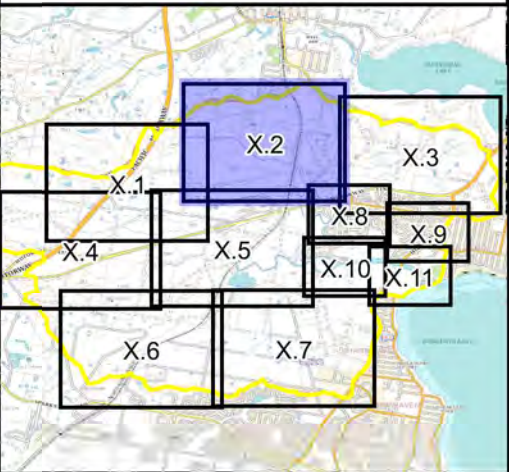
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)



**Figure 4.1:
Peak Floodwater
Depths for the
20% AEP Flood**

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File Name: Fig4.1 - Peak Floodwater Depth for the 20% AEP Flood.wor



LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

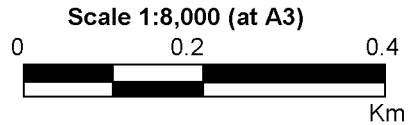
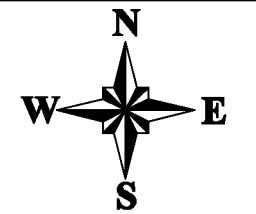
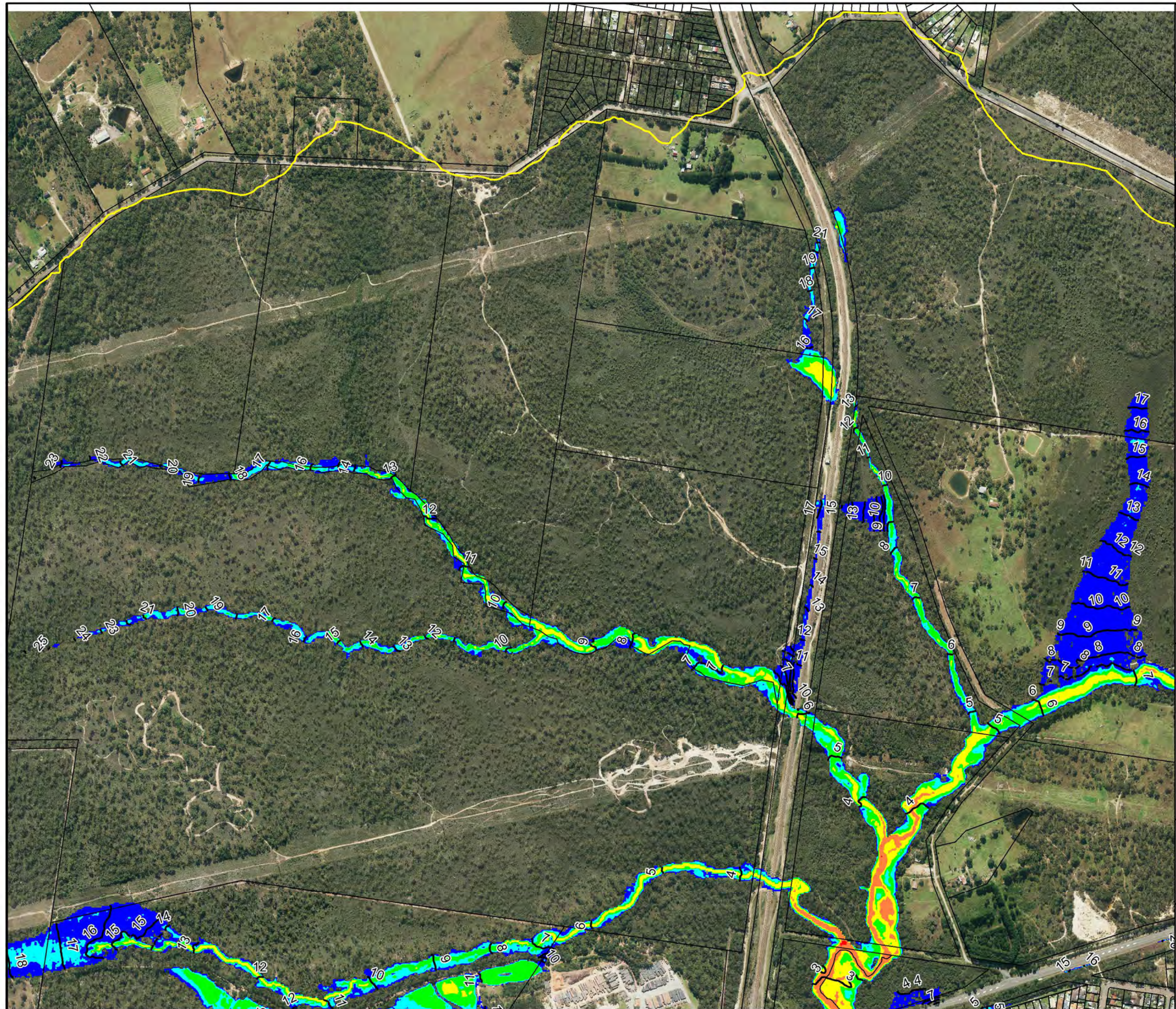
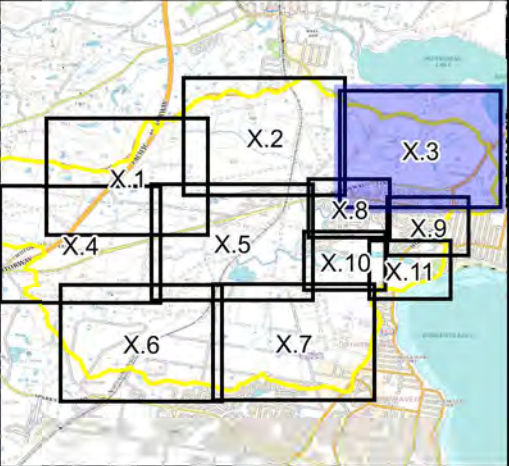


Figure 4.2:
Peak Floodwater
Depths for the
20% AEP Flood

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File Name: Fig4.2 - Peak Floodwater Depth
for the 20% AEP Flood.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

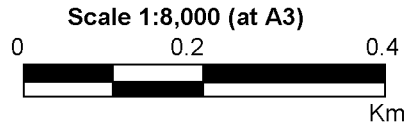
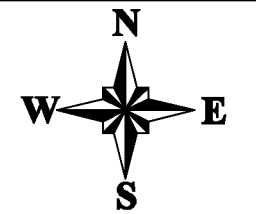
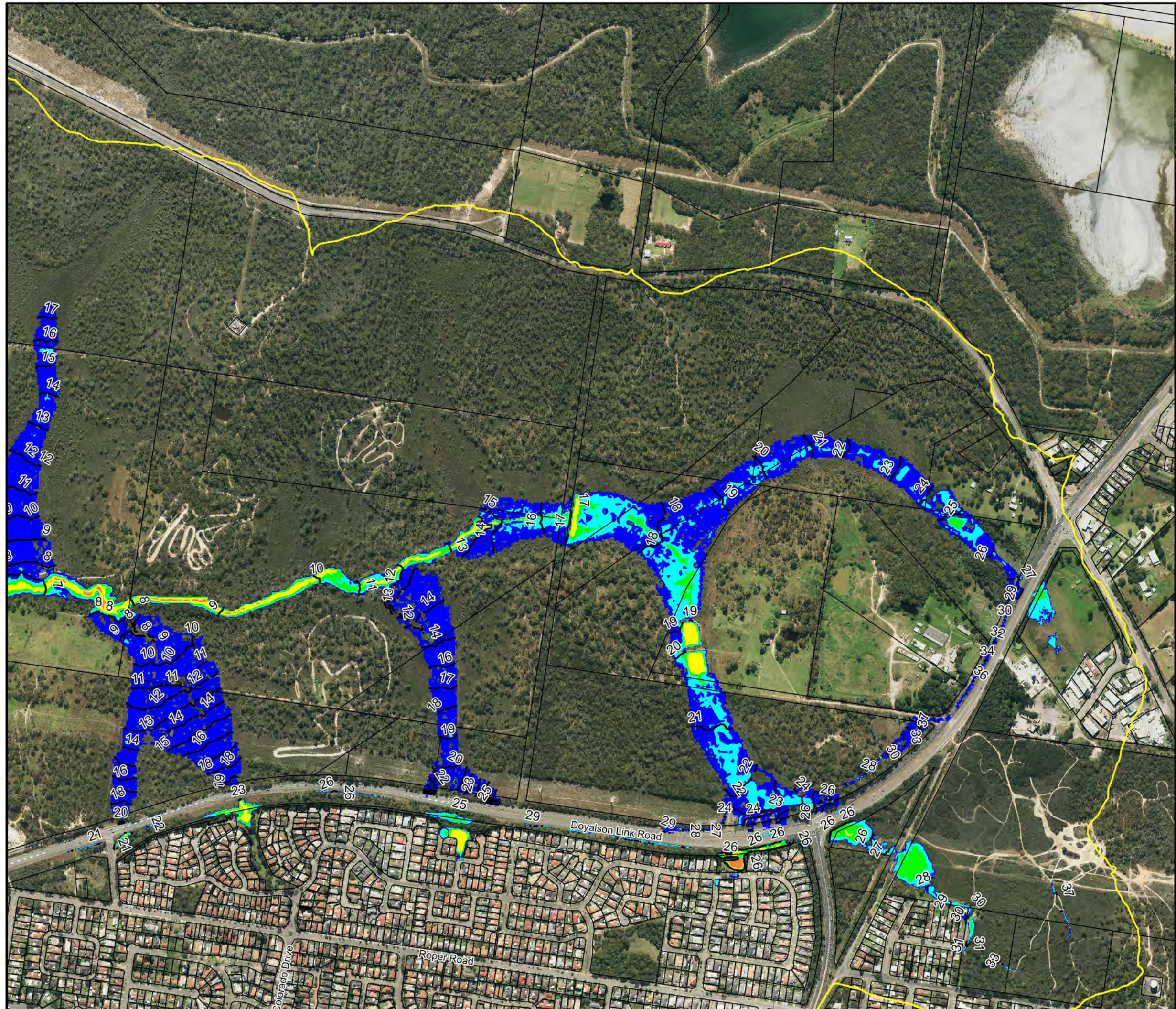
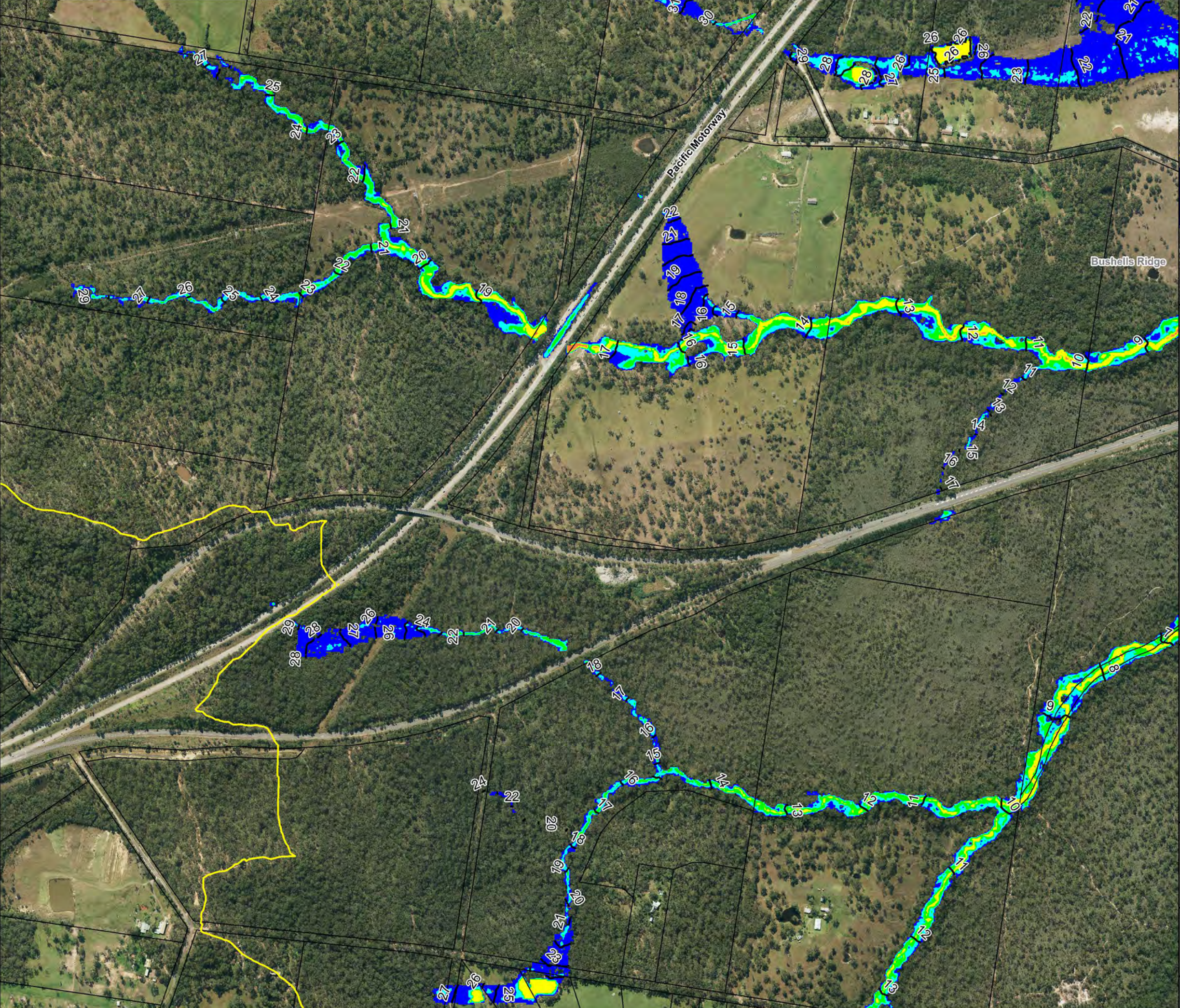
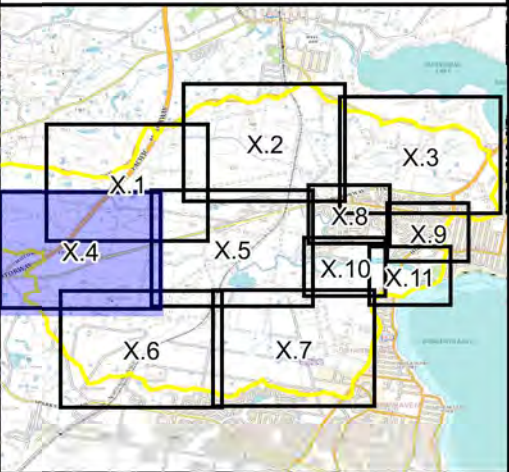


Figure 4.3:
Peak Floodwater
Depths for the
20% AEP Flood

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File Name: Fig4.3 - Peak Floodwater Depth
for the 20% AEP Flood.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

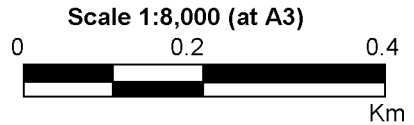
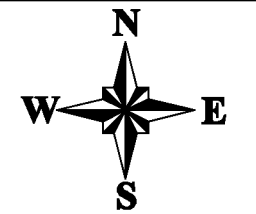
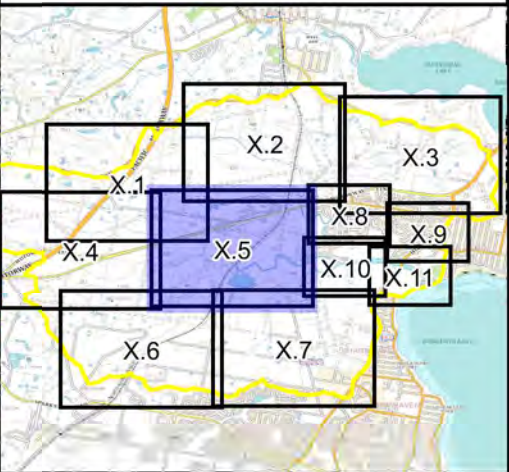
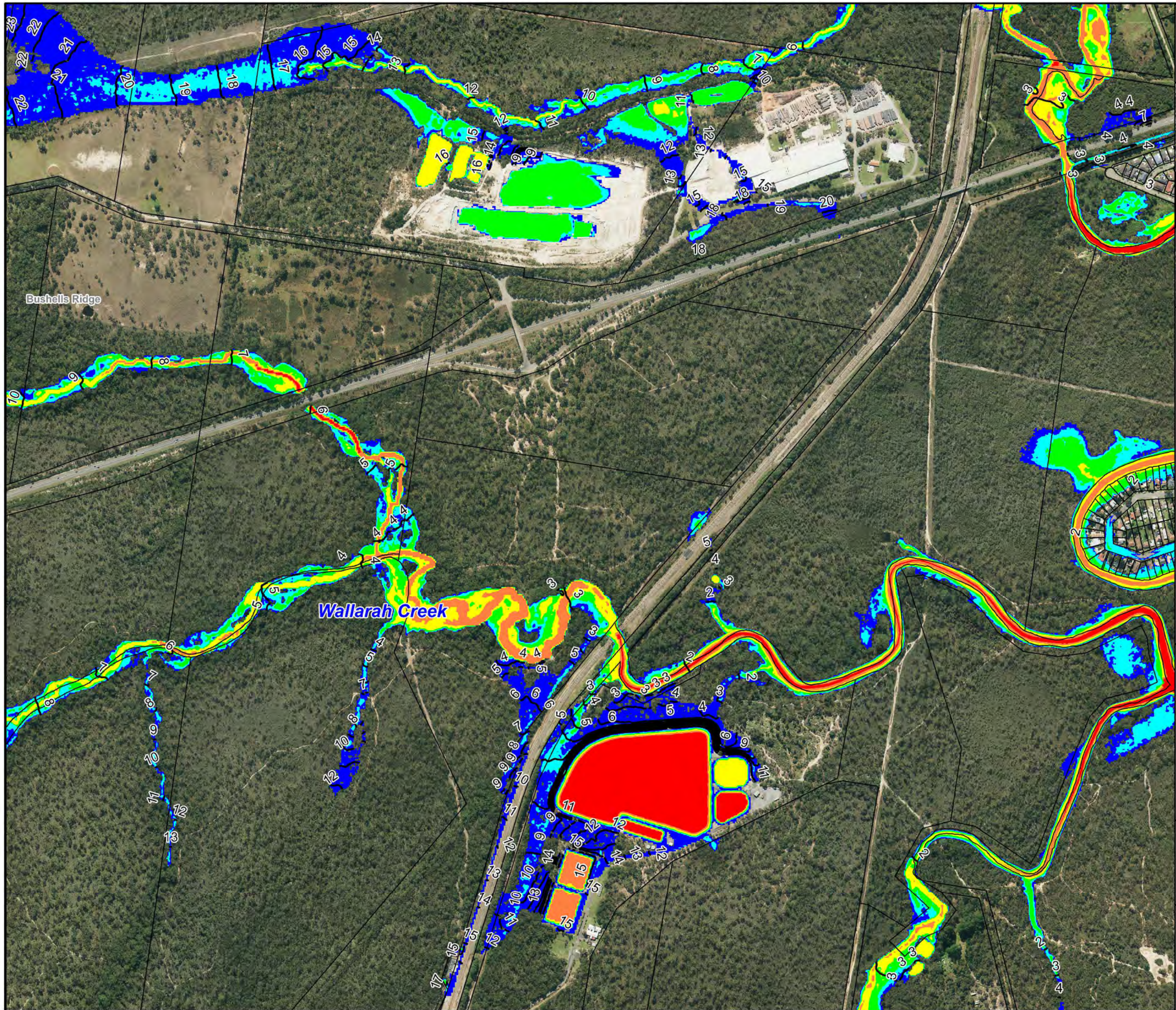


Figure 4.4:
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Depths for the
20% AEP Flood

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File Name: Fig4.4 - Peak Floodwater Depth for the 20% AEP Flood.wor



LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

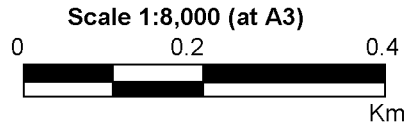
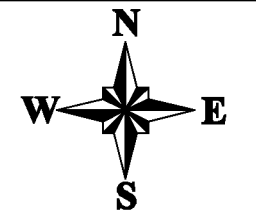
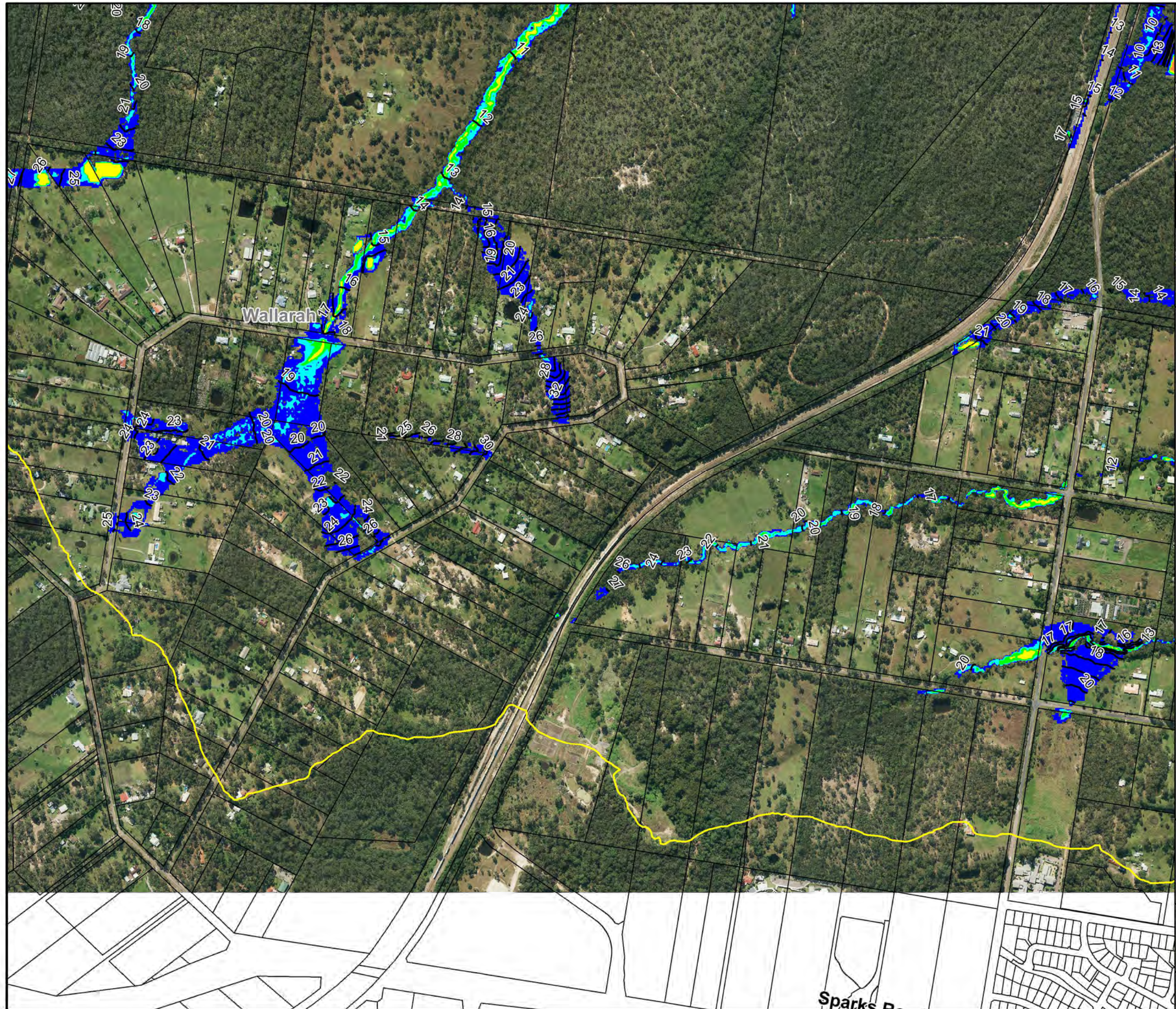
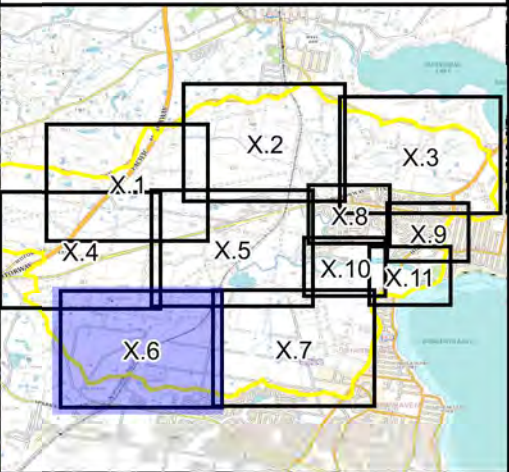


Figure 4.5:
Peak Floodwater
Depths for the
20% AEP Flood

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File Name: Fig4.5 - Peak Floodwater Depth for the 20% AEP Flood.wor



LEGEND

Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

25 Peak Flood Level Contour (mAHD)

■ 0.95 Water Level at Wallarah

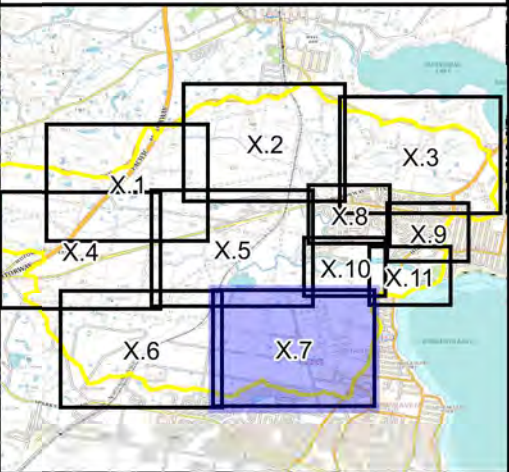
Creek Bridge Gauge (mAHD)

N
W E
S

Scale 1:8,000 (at A3)

0 0.2 0.4
Km

Figure 4.6:
Peak Floodwater
Depths for the
20% AEP Flood



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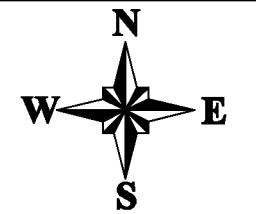
Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

25 Peak Flood Level Contour (mAHD)

● 0.95 Water Level at Wallarah

Creek Bridge Gauge (mAHD)



Scale 1:8,000 (at A3)

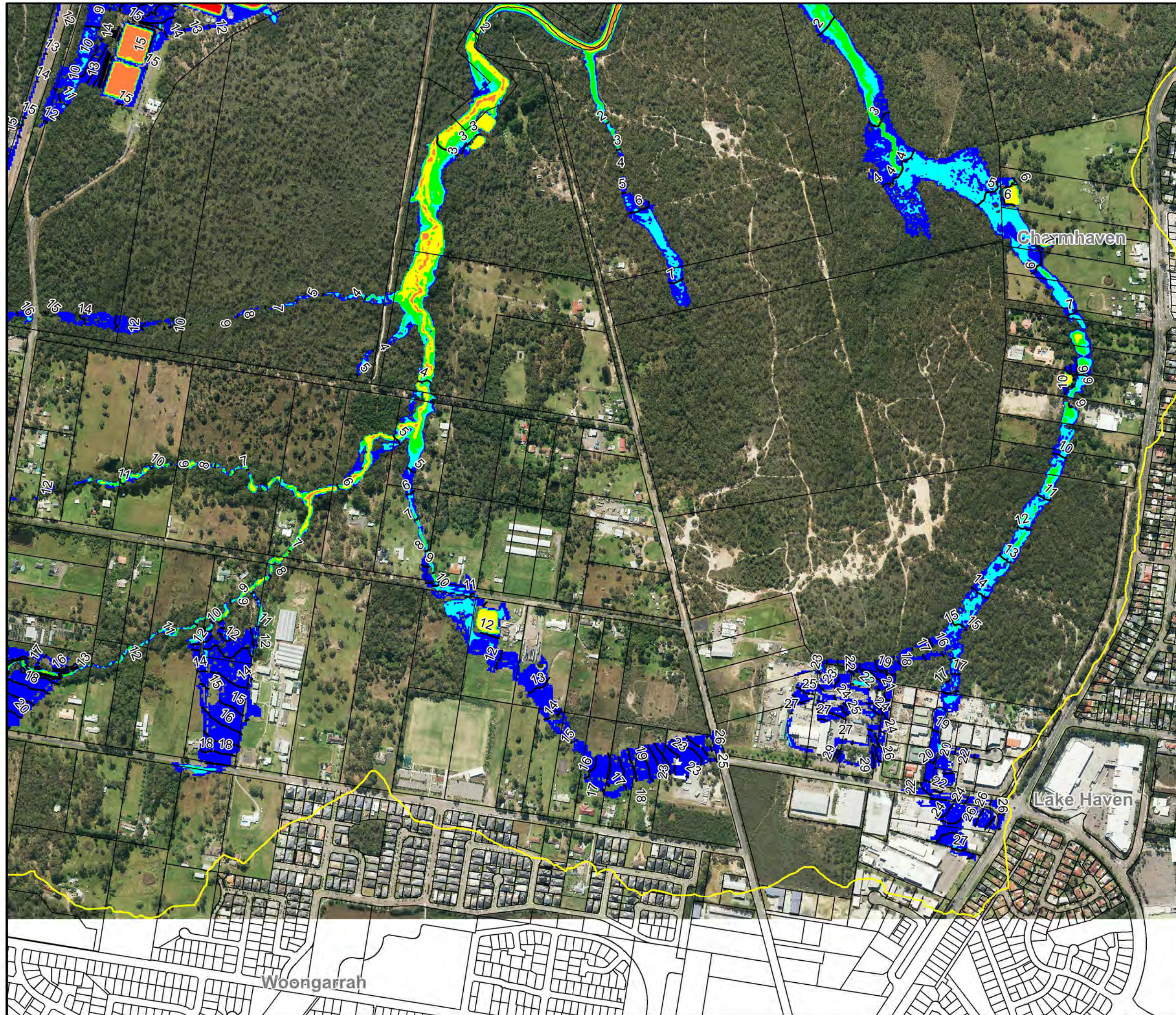


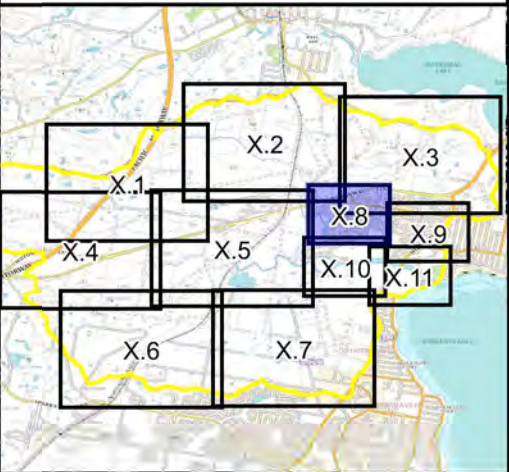
**Figure 4.7:
Peak Floodwater
Depths for the
20% AEP Flood**

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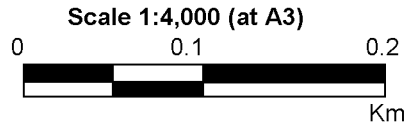
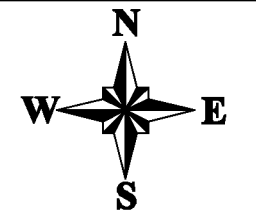
File Name: Fig4.7 - Peak Floodwater Depth for the 20% AEP Flood.wor





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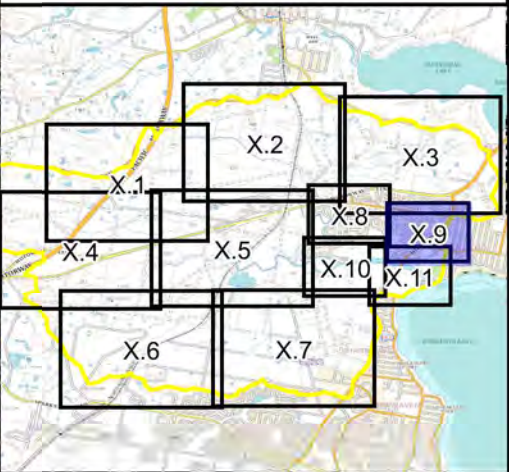
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)



**Figure 4.8:
Peak Floodwater
Depths for the
20% AEP Flood**

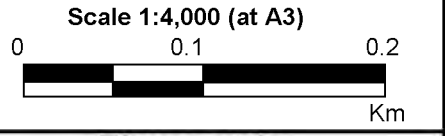
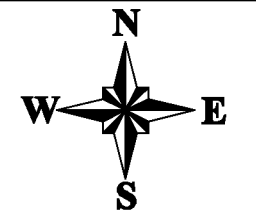
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File Name: Fig4.8 - Peak Floodwater Depth for the 20% AEP Flood.wor



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- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

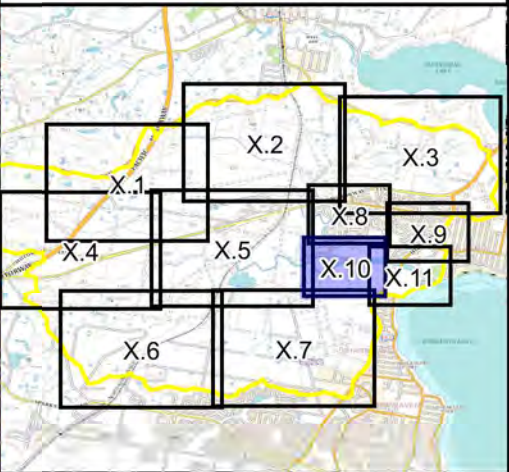


**Figure 4.9:
Peak Floodwater
Depths for the
20% AEP Flood**

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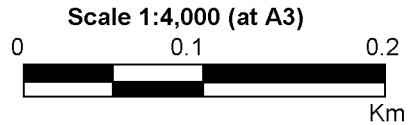
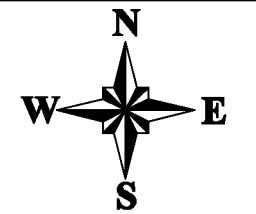
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for the 20% AEP Flood.wor





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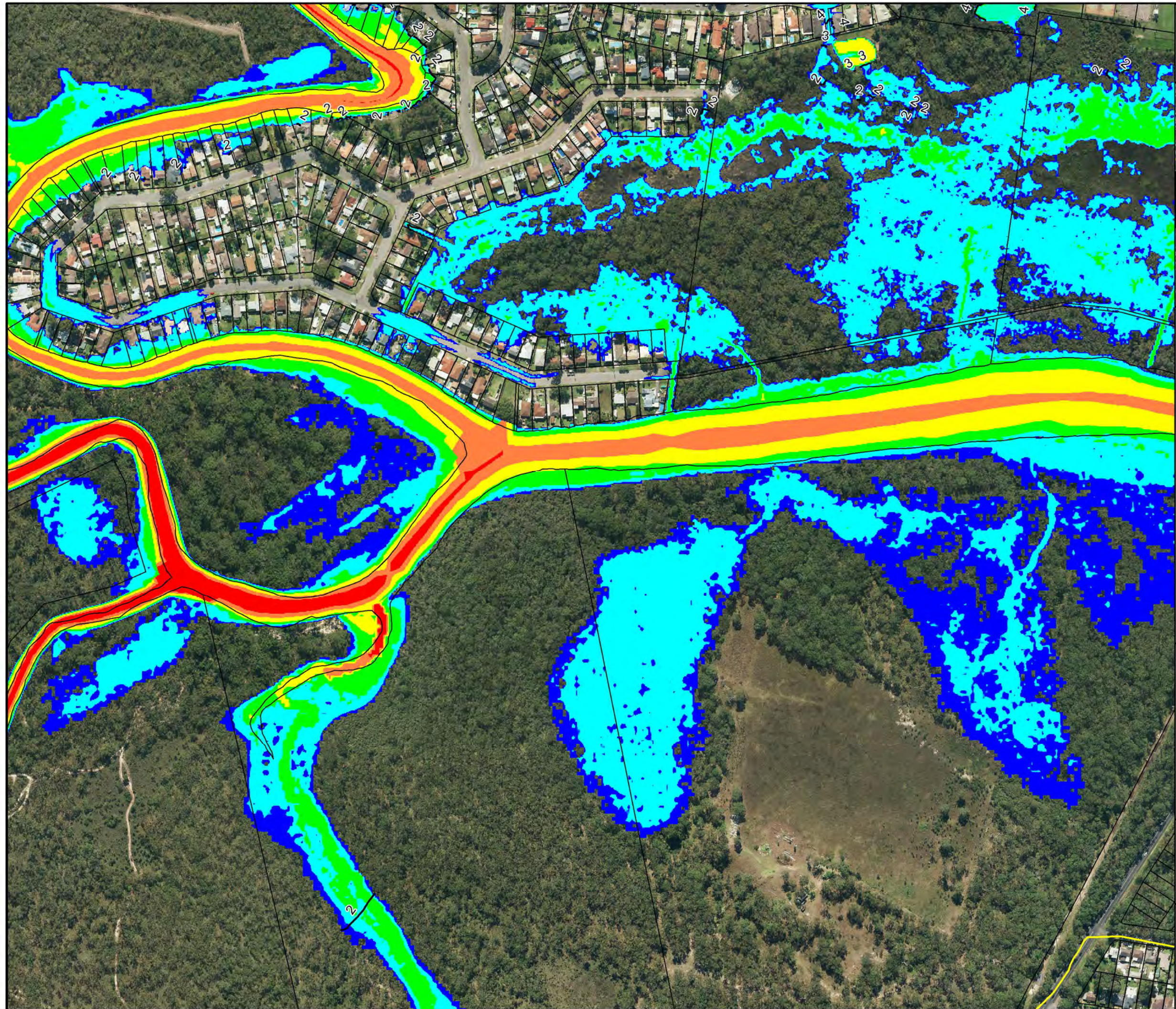
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

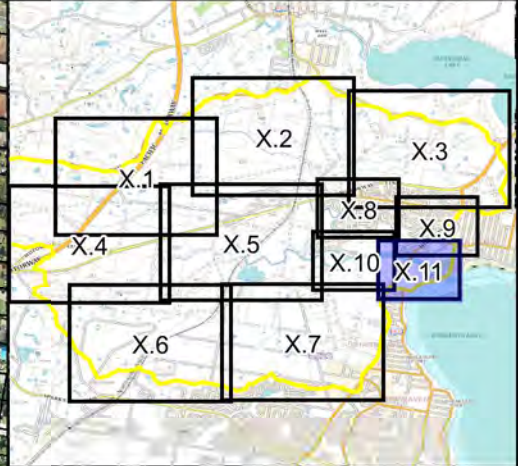
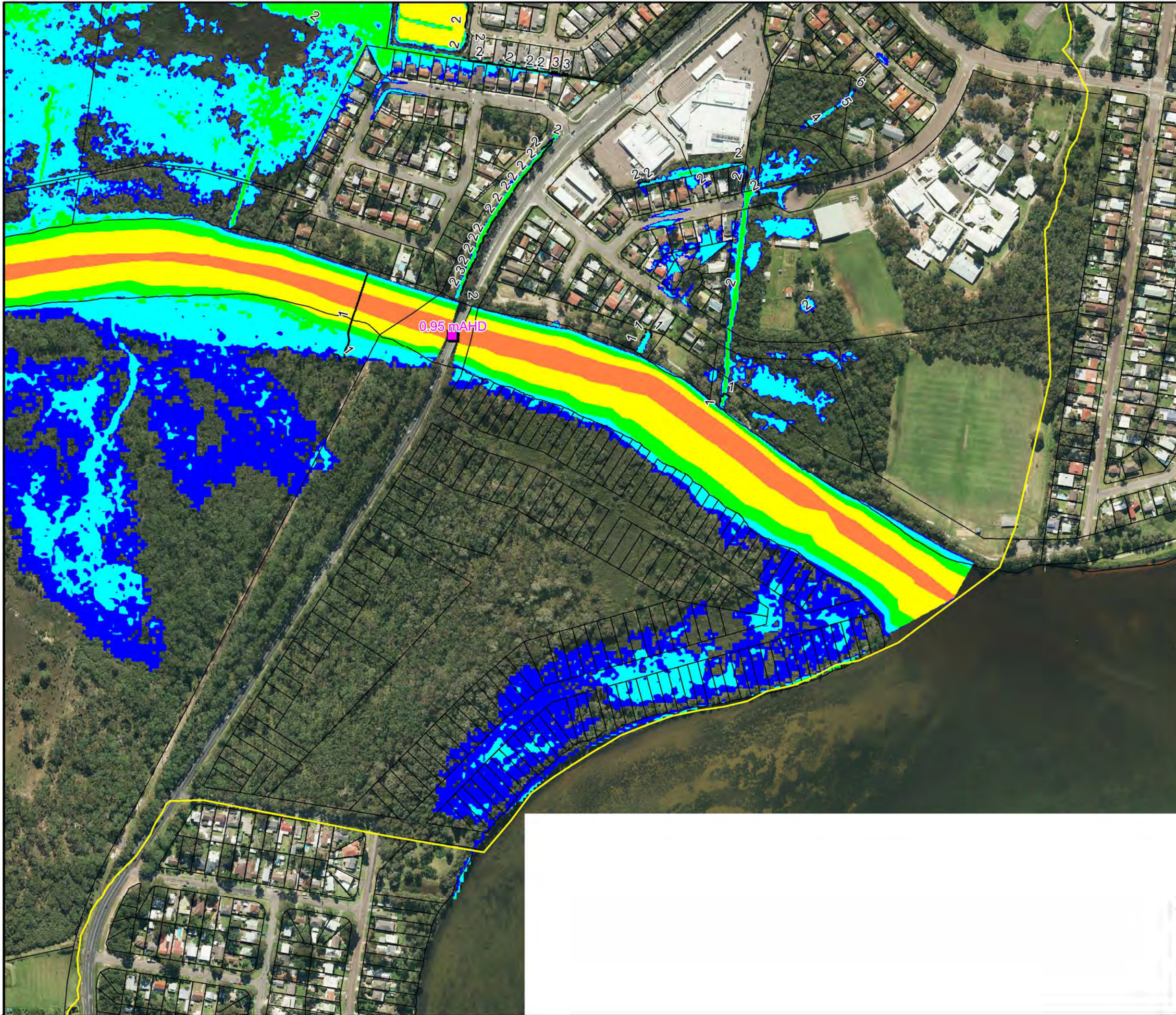


**Figure 4.10:
Peak Floodwater
Depths for the
20% AEP Flood**

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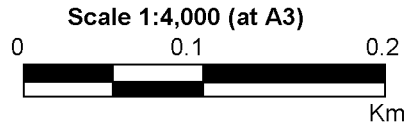
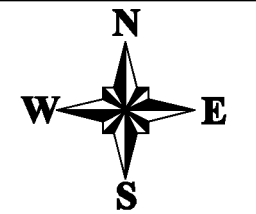
File Name: Fig4.10 - Peak Floodwater Depth
for the 20% AEP Flood.wor





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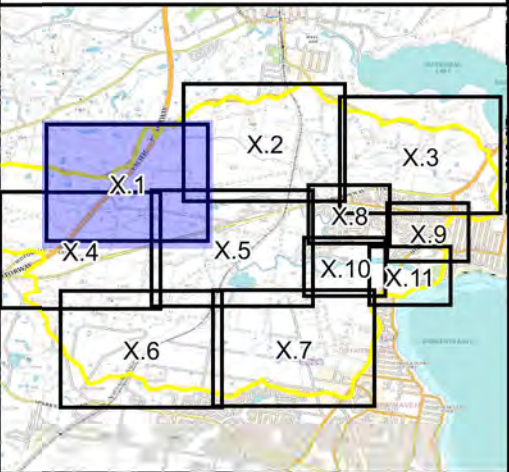
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAH)
- 0.95 Water Level at Wallarah Creek Bridge Gauge (mAH)



**Figure 4.11:
Peak Floodwater
Depths for the
20% AEP Flood**

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Sydney, NSW 2000

File Name: Fig4.11 - Peak Floodwater Depth for the 20% AEP Flood.wor



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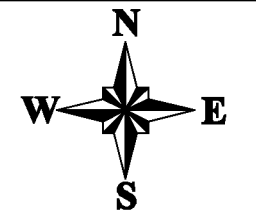
Depths (m)

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- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

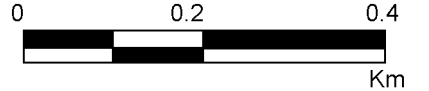
25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah

■ Creek Bridge Gauge (mAHD)



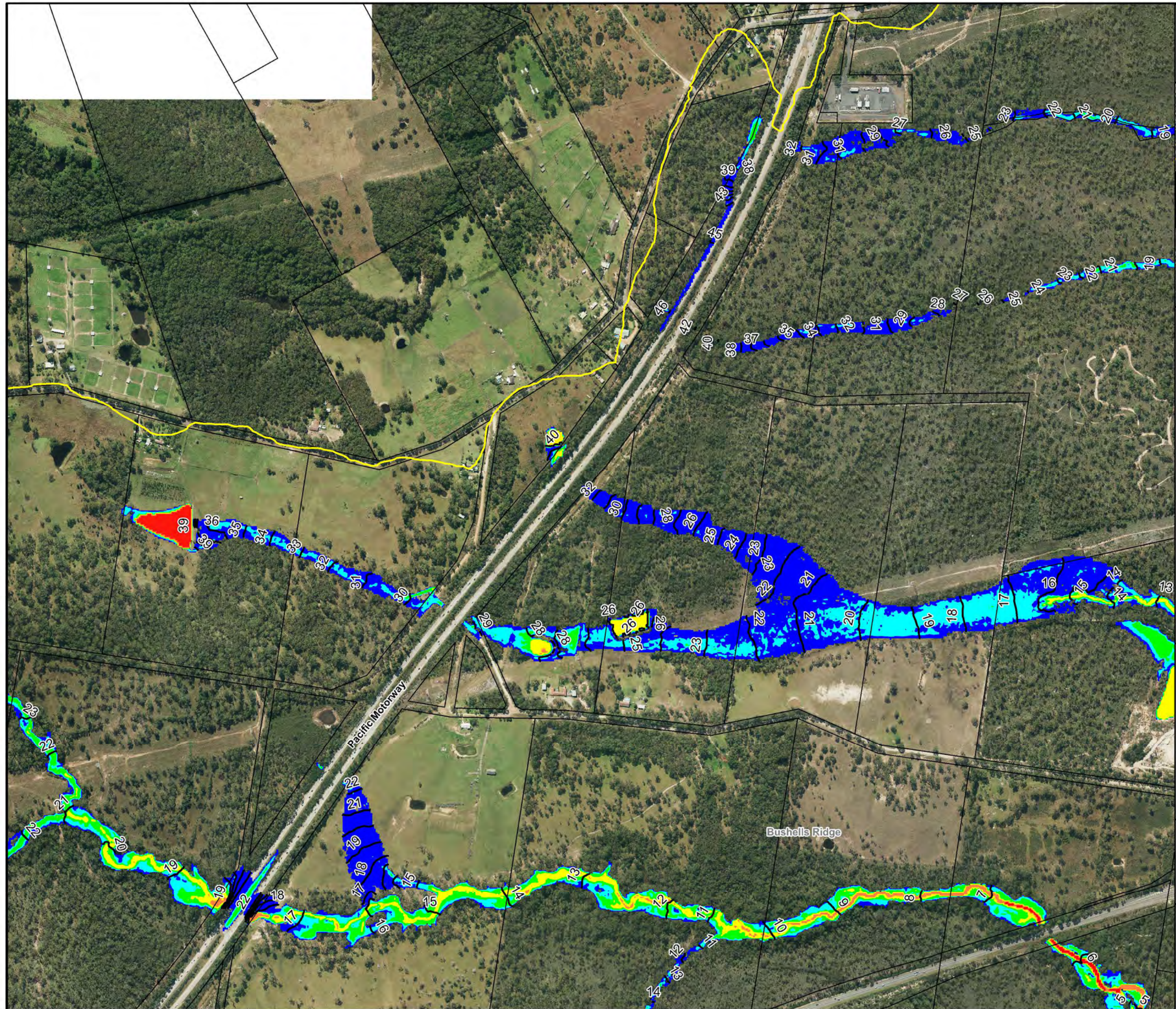
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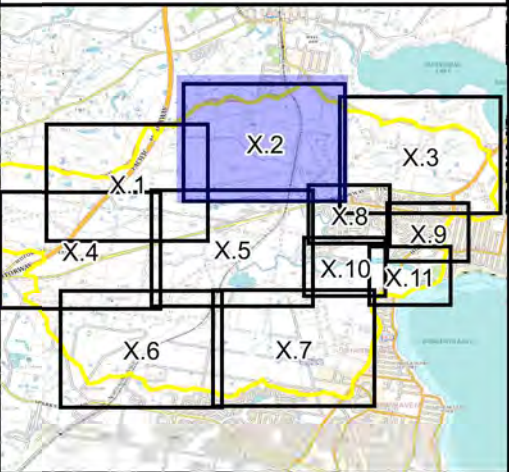


**Figure 5.1:
Peak Floodwater
Depths for the
5% AEP Flood**

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File Name: Fig5.1 - Peak Floodwater Depth for the 5% AEP Flood.wor





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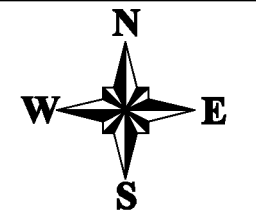
Depths (m)

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- 2.0 to 3.0
- >= 3.0

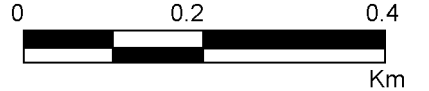
25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah

■ Creek Bridge Gauge (mAHD)



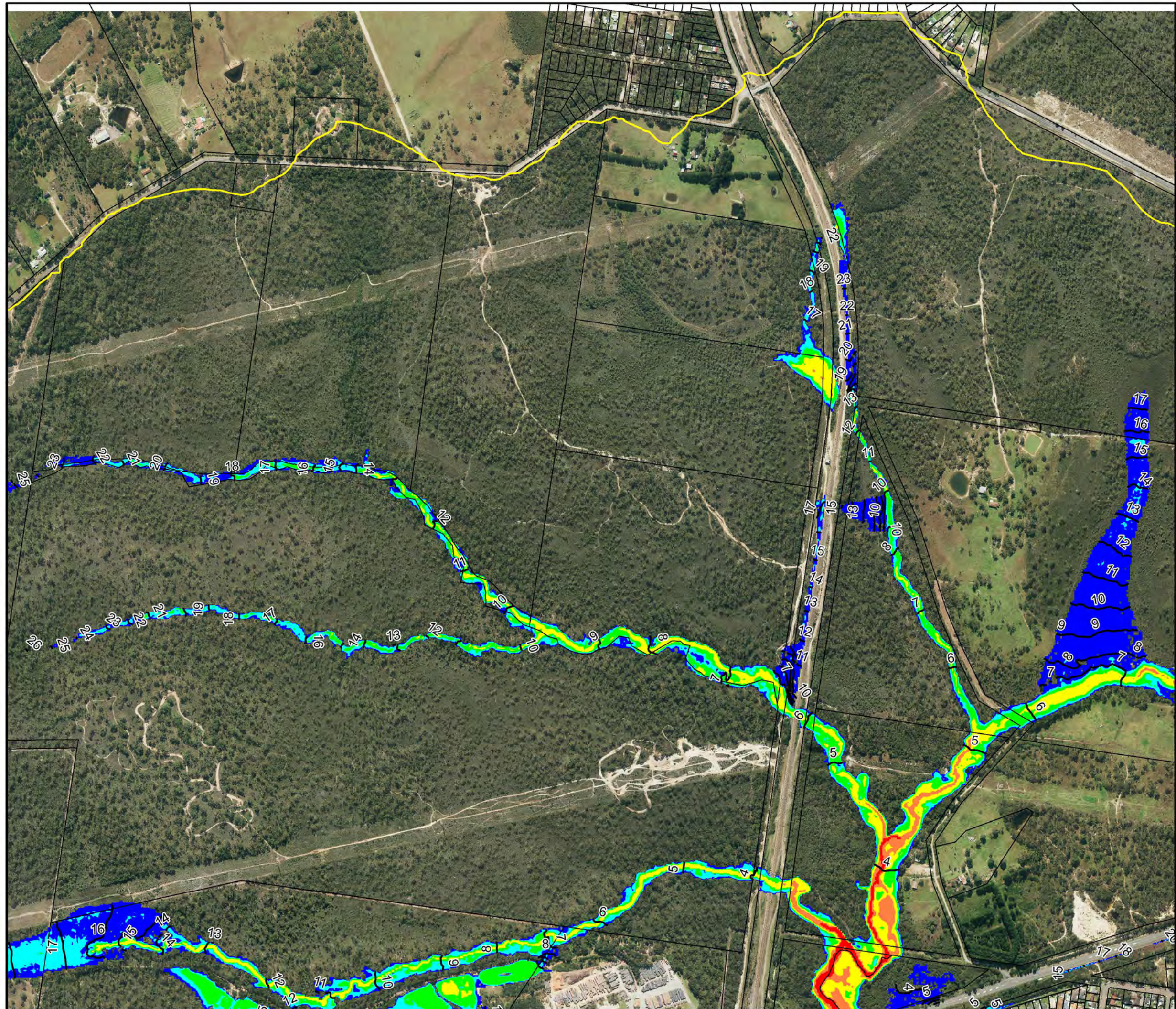
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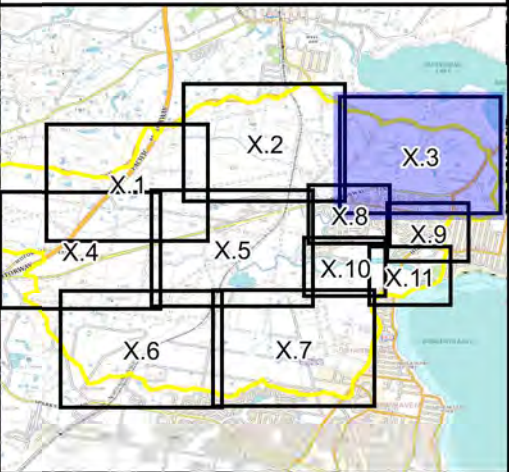


**Figure 5.2:
Peak Floodwater
Depths for the
5% AEP Flood**

Prepared By:
 Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.2 - Peak Floodwater Depth for the 5% AEP Flood.wor





LEGEND

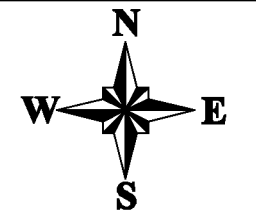
Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

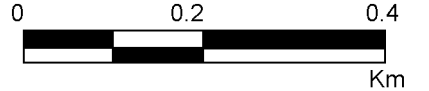
25 Peak Flood Level Contour (mAHD)

1.19 Water Level at Wallarah

■ Creek Bridge Gauge (mAHD)



Scale 1:8,000 (at A3)

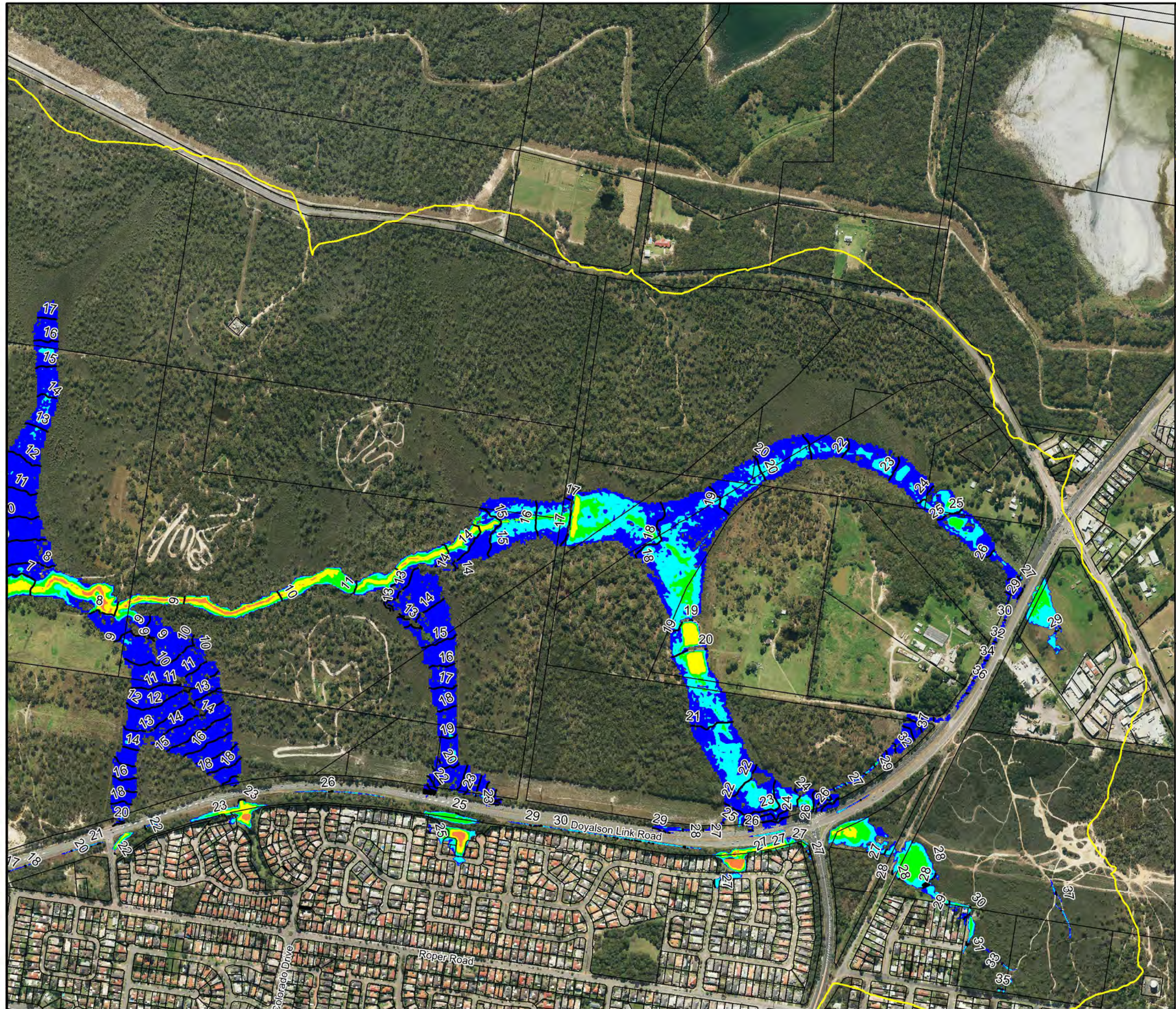


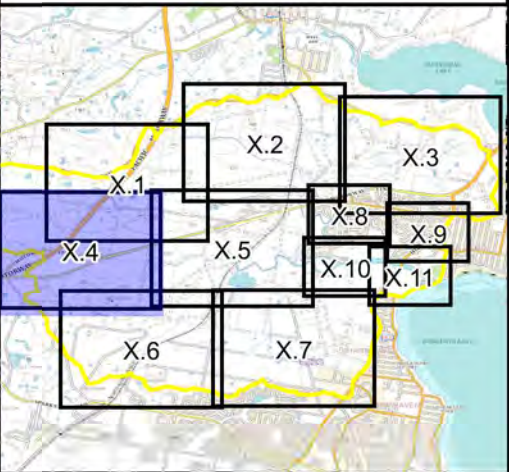
**Figure 5.3:
Peak Floodwater
Depths for the
5% AEP Flood**

Prepared By:

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Sydney, NSW 2000

File Name: Fig5.3 - Peak Floodwater Depth for the 5% AEP Flood.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

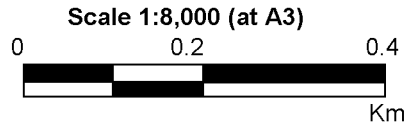
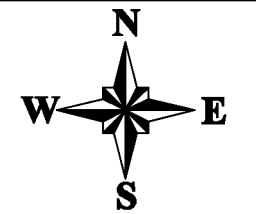
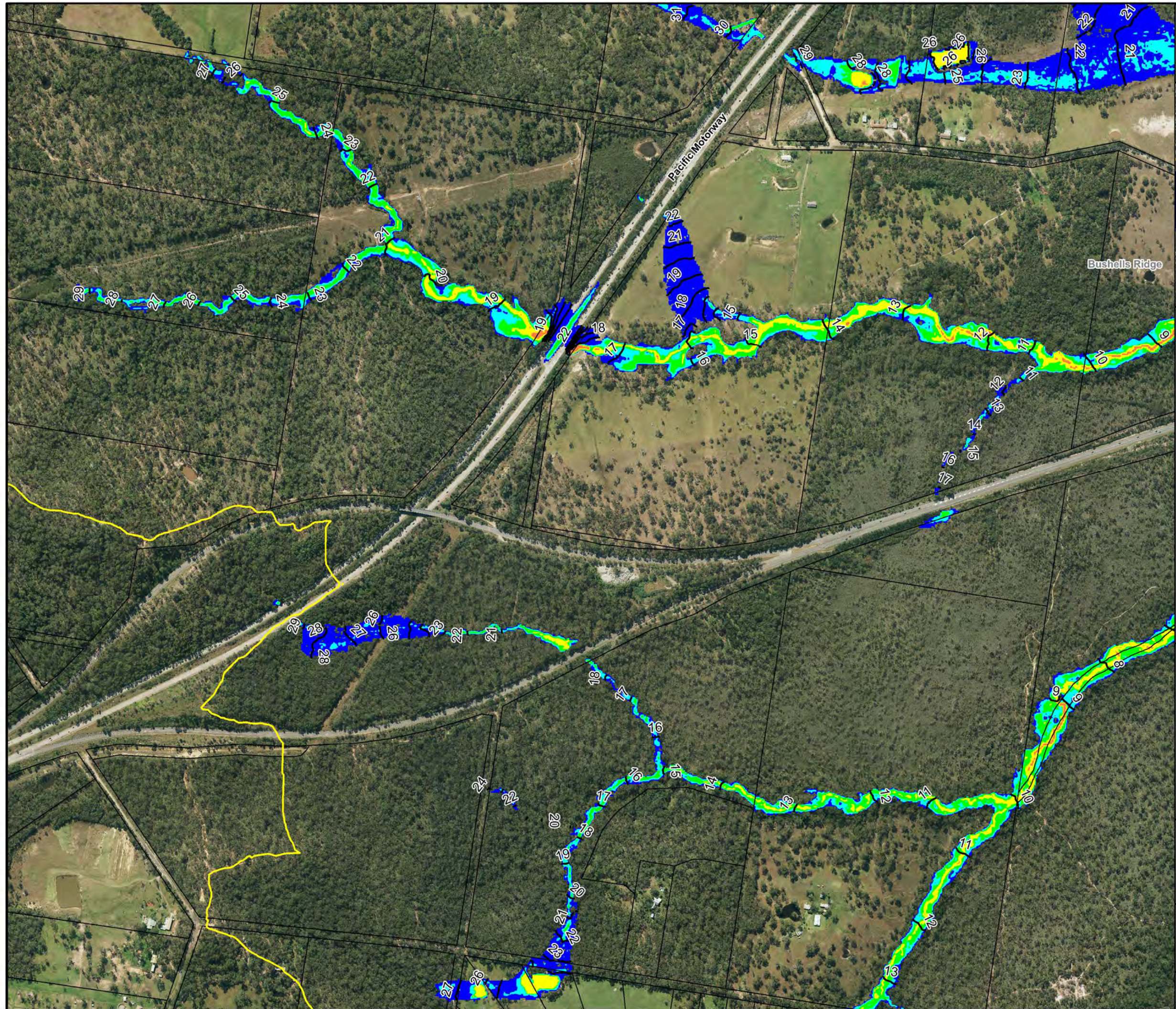
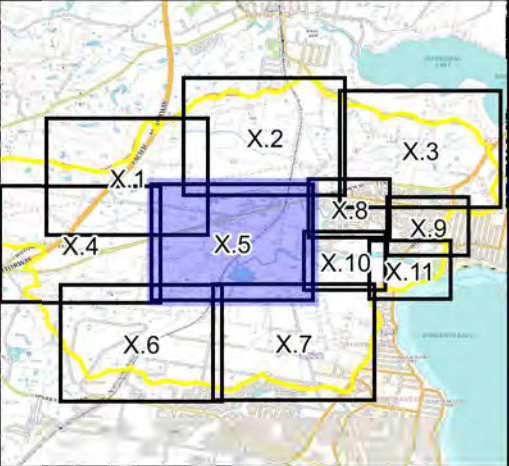
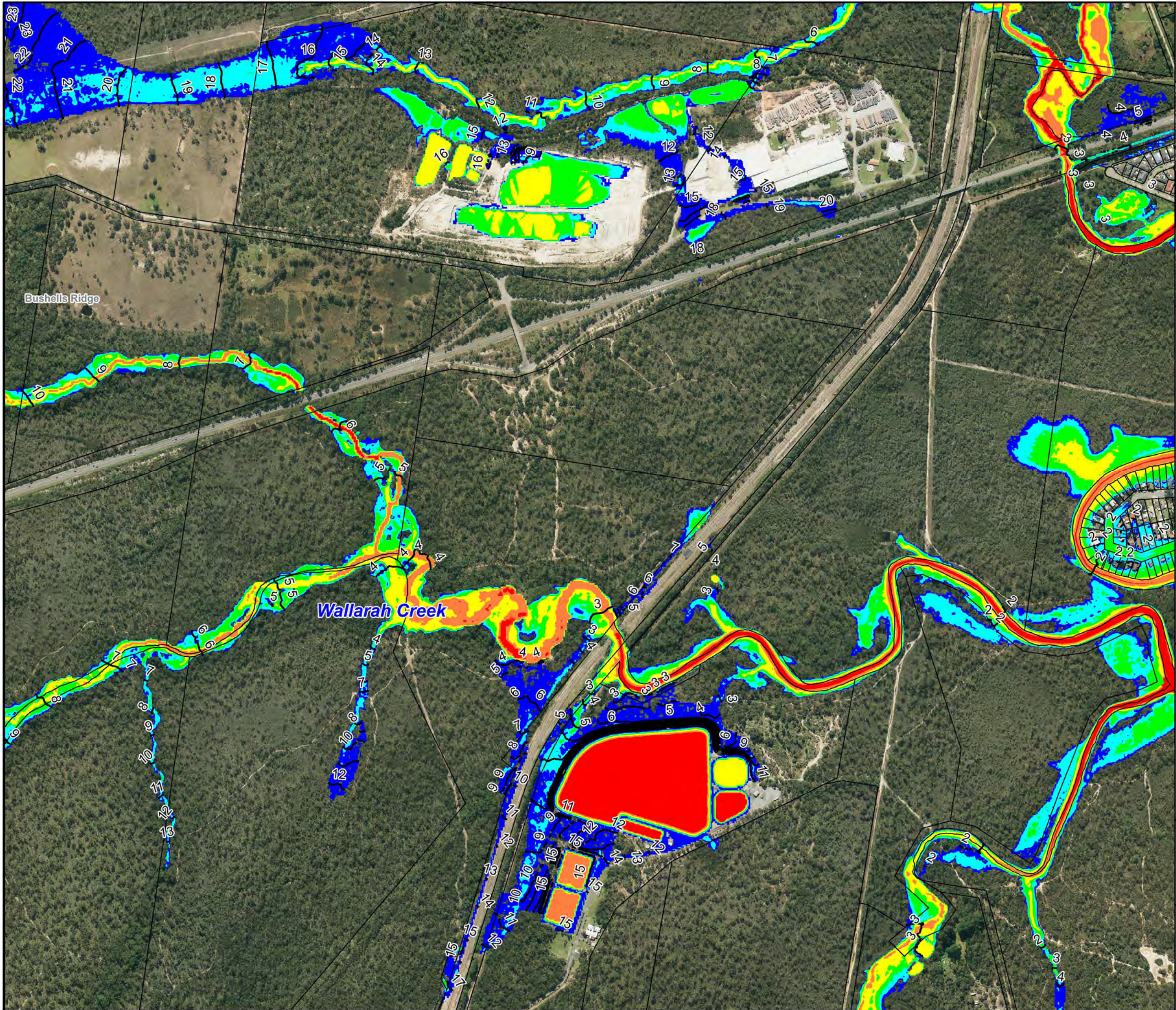


Figure 5.4:
Peak Floodwater
Depths for the
5% AEP Flood

Prepared By:
Catchment Simulation Solutions
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 Sydney, NSW 2000

File Name: Fig5.4 - Peak Floodwater Depth for the 5% AEP Flood.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

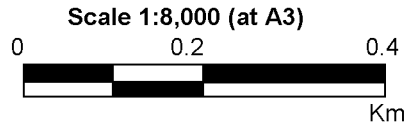
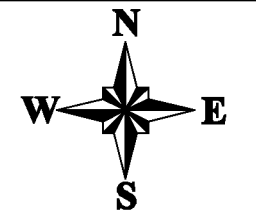
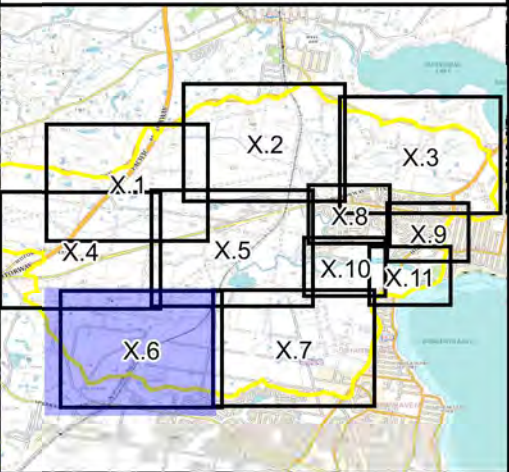


Figure 5.5:
Peak Floodwater
Depths for the
5% AEP Flood

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Sydney, NSW 2000

File Name: Fig5.5 - Peak Floodwater Depth for the 5% AEP Flood.wor



LEGEND

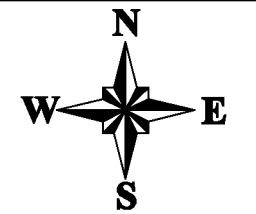
Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

25 Peak Flood Level Contour (mAHD)

■ 1.19 Water Level at Wallarah

Creek Bridge Gauge (mAHD)



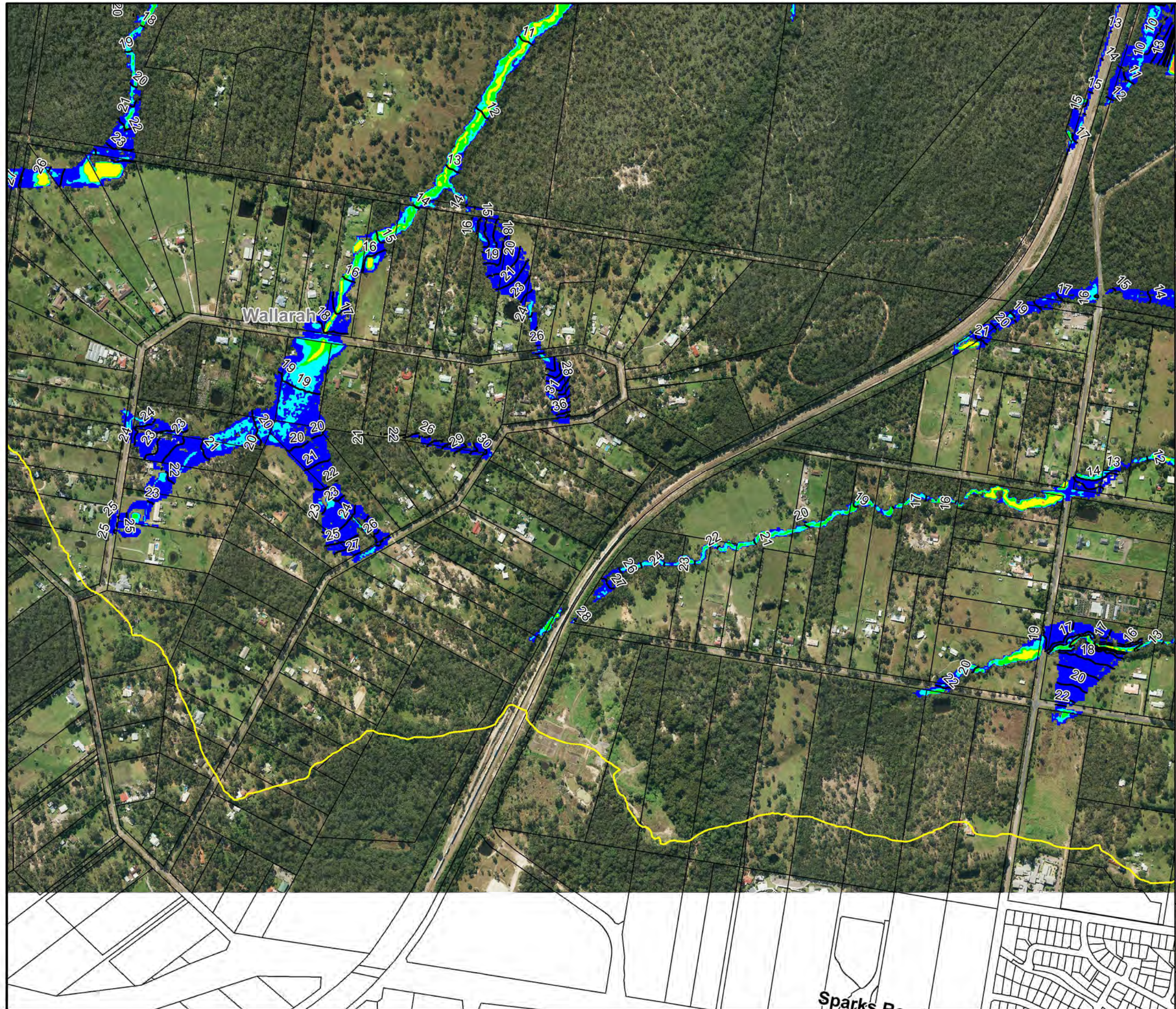
Scale 1:8,000 (at A3)



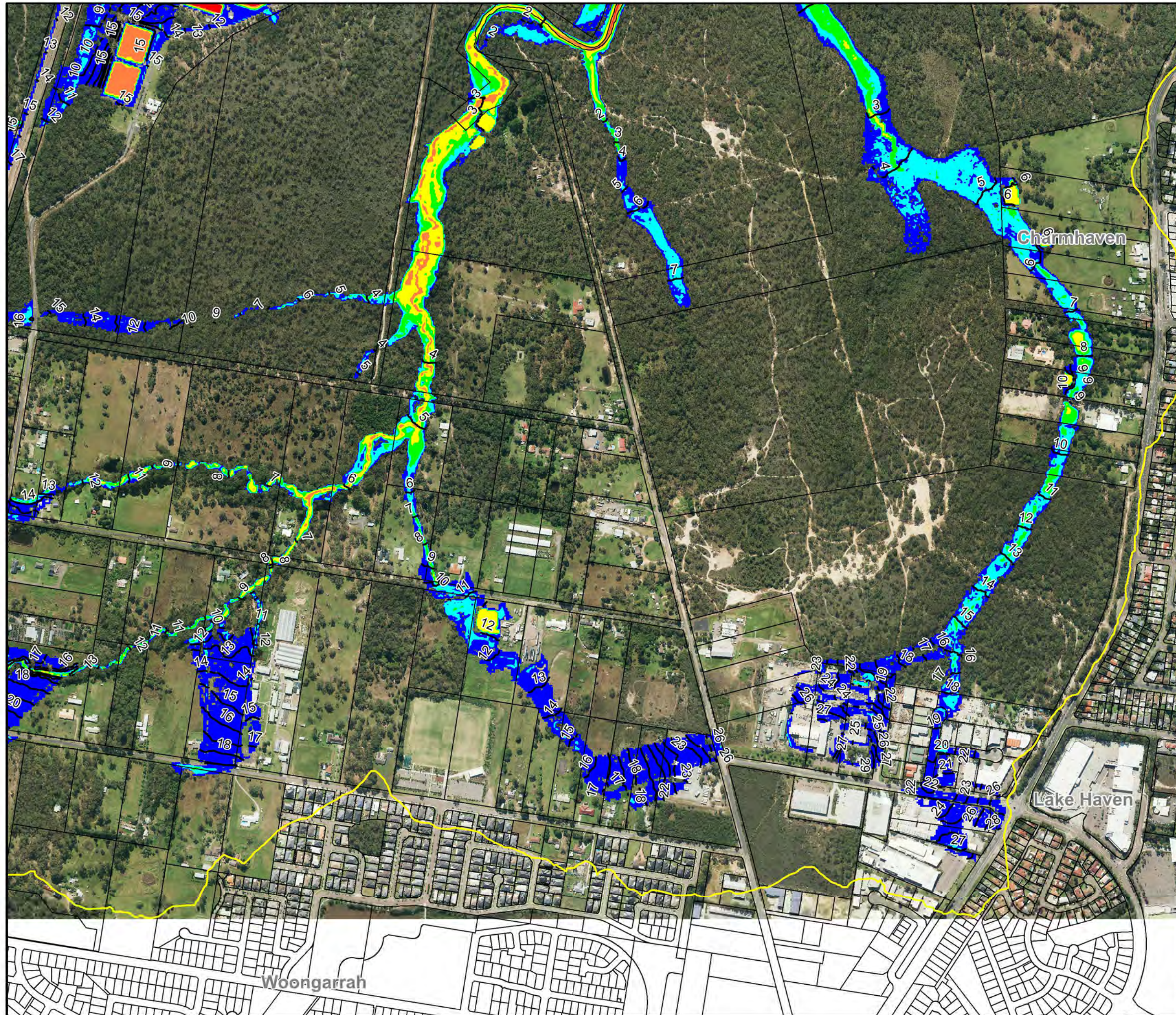
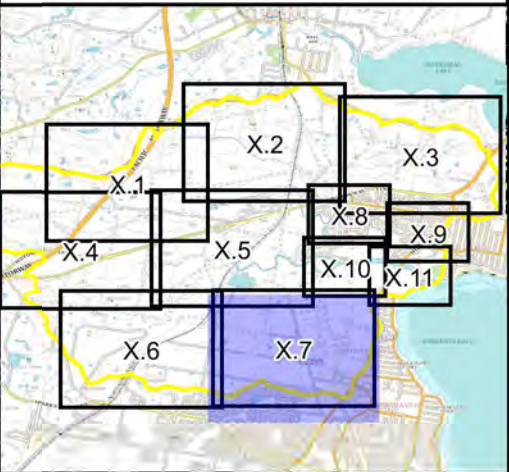
**Figure 5.6:
Peak Floodwater
Depths for the
5% AEP Flood**

Prepared By:
 Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig5.6 - Peak Floodwater Depth
for the 5% AEP Flood.wor



Sparks R.



LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.19 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

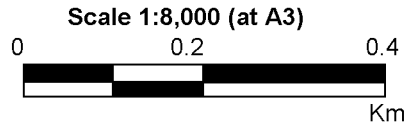
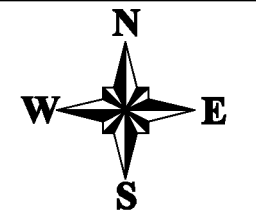
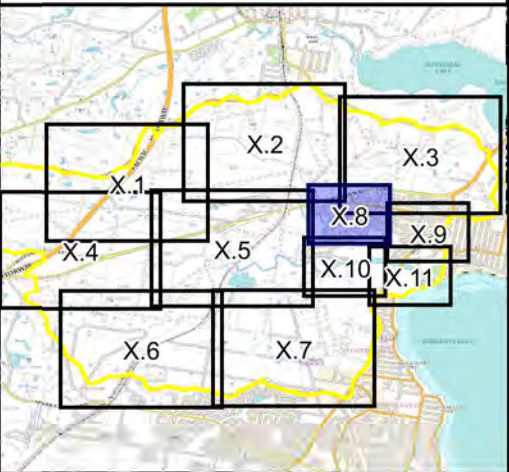


Figure 5.7:
Peak Floodwater
Depths for the
5% AEP Flood

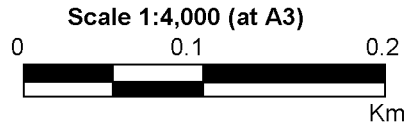
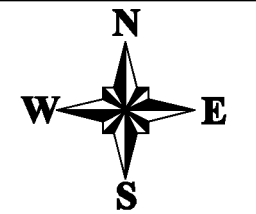
Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig5.7 - Peak Floodwater Depth for the 5% AEP Flood.wor



LEGEND

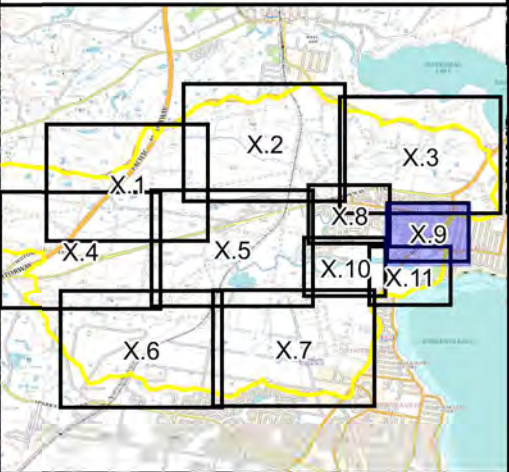
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 5.8:
Peak Floodwater
Depths for the
5% AEP Flood**

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 Sydney, NSW 2000

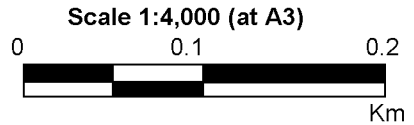
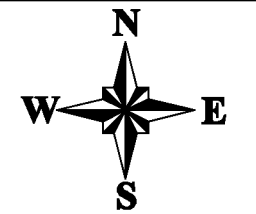
File Name: Fig5.8 - Peak Floodwater Depth for the 5% AEP Flood.wor



LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0

- 25 Peak Flood Level Contour (mAHD)
- 1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

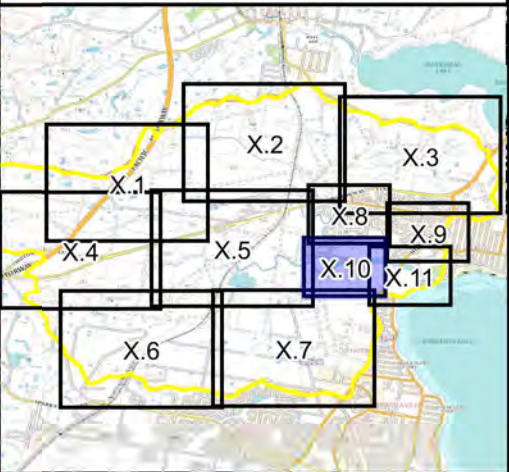


**Figure 5.9:
Peak Floodwater
Depths for the
5% AEP Flood**

Prepared By:
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Suite 2.01, 210 George St
Sydney, NSW 2000

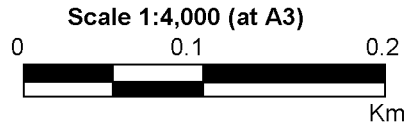
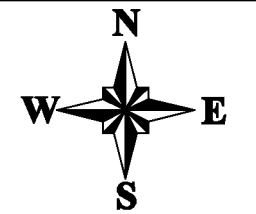
File Name: Fig5.9 - Peak Floodwater Depth for the 5% AEP Flood.wor





LEGEND

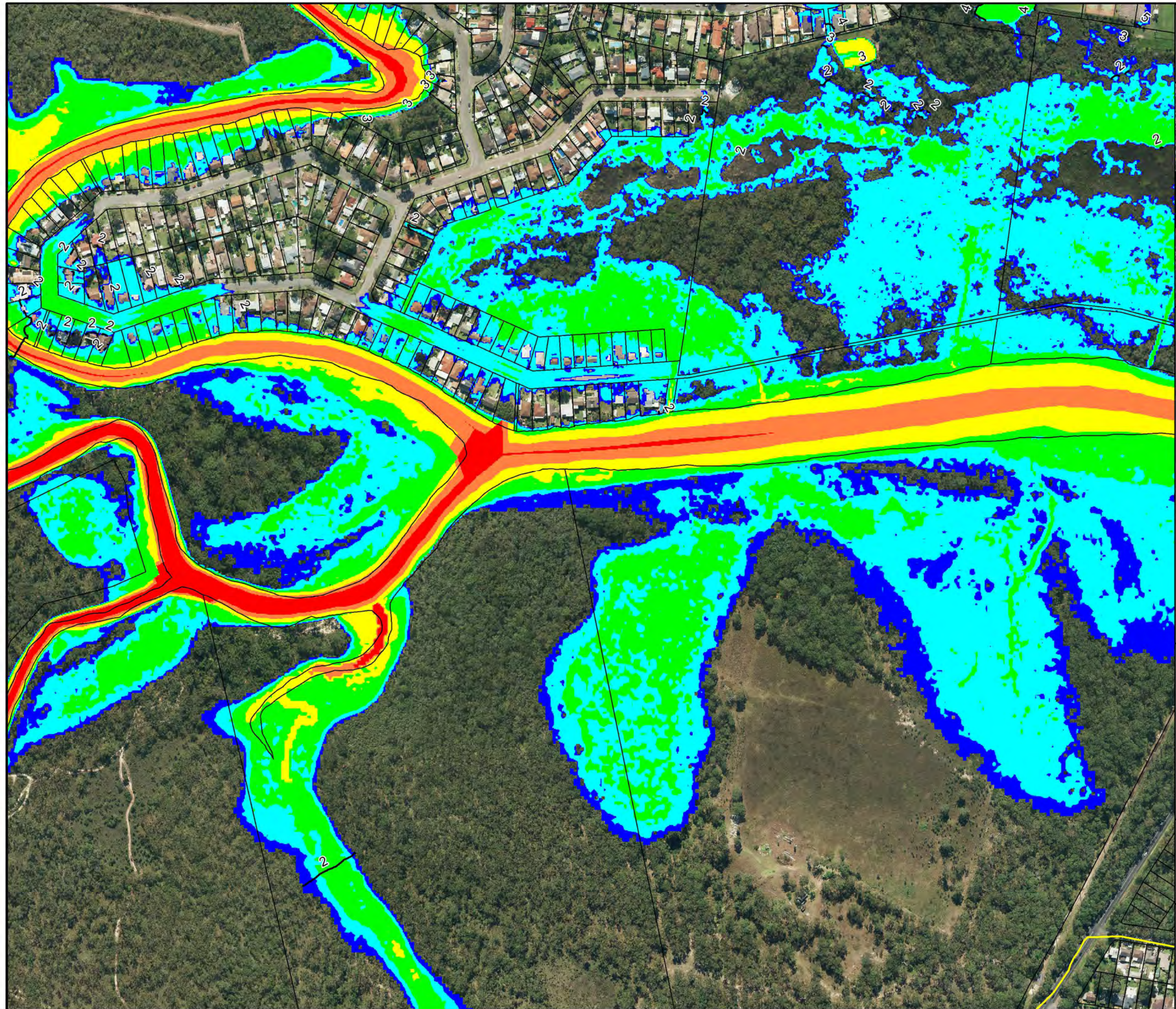
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)

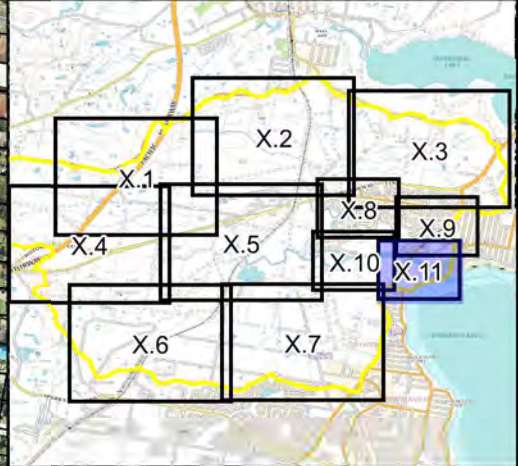
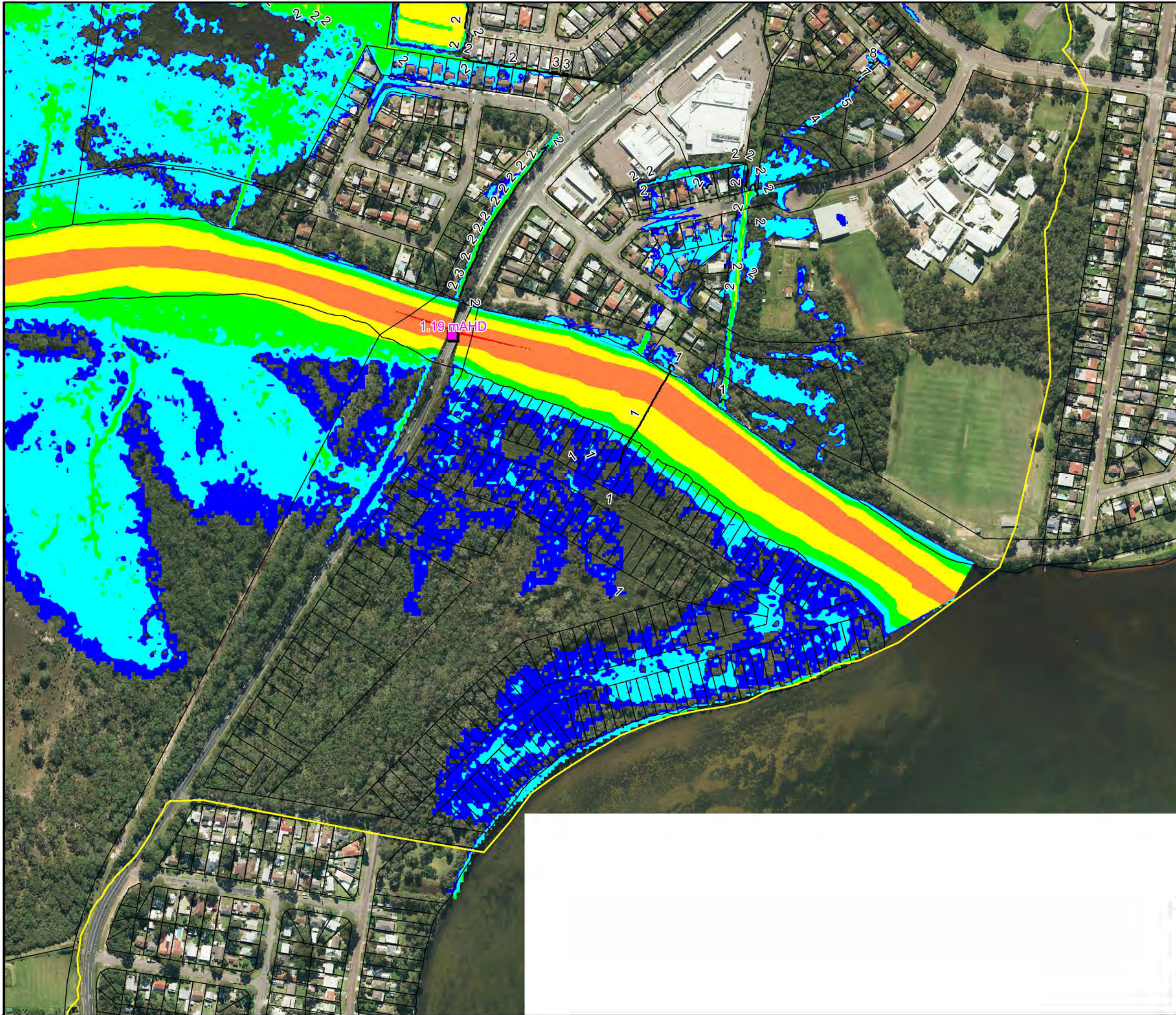


**Figure 5.10:
Peak Floodwater
Depths for the
5% AEP Flood**

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Catchment Simulation Solutions
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Sydney, NSW 2000

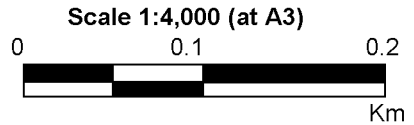
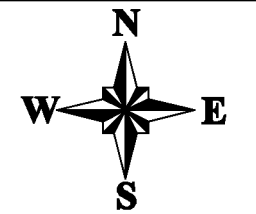
File Name: Fig5.10 - Peak Floodwater Depth for the 5% AEP Flood.wor





LEGEND

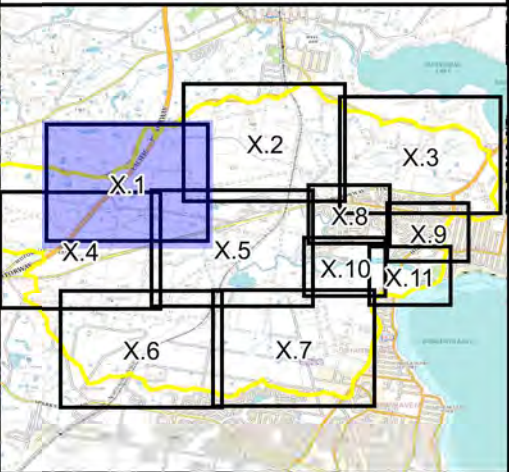
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHd)
- 1.19 Water Level at Wallarah Creek Bridge Gauge (mAHd)



**Figure 5.11:
Peak Floodwater
Depths for the
5% AEP Flood**

Prepared By:
 Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig5.11 - Peak Floodwater Depth for the 5% AEP Flood.wor



LEGEND

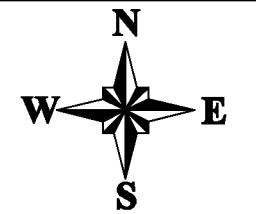
Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

25 Peak Flood Level Contour (mAHD)

1.42 Water Level at Wallarah

Creek Bridge Gauge (mAHD)



Scale 1:8,000 (at A3)

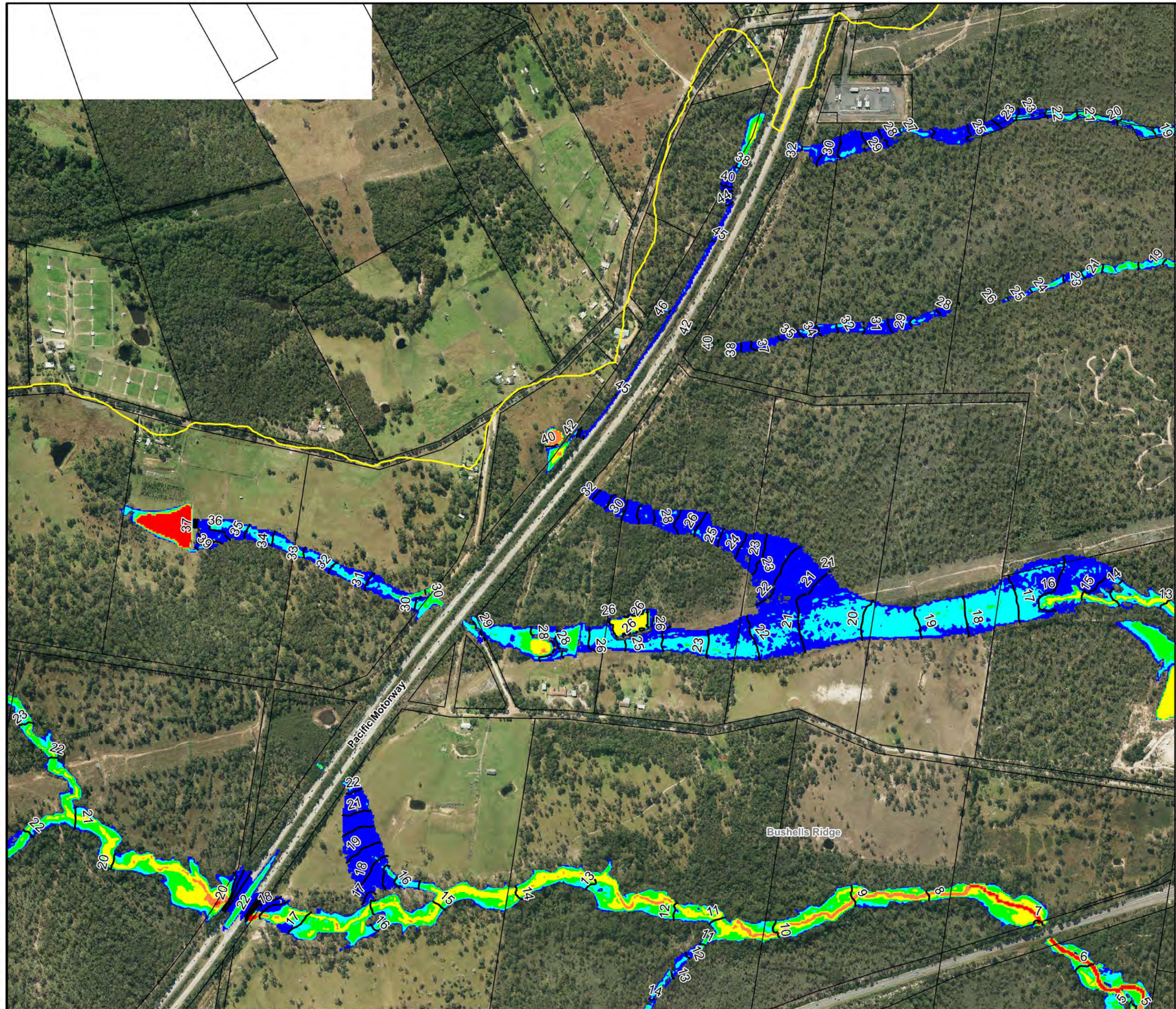


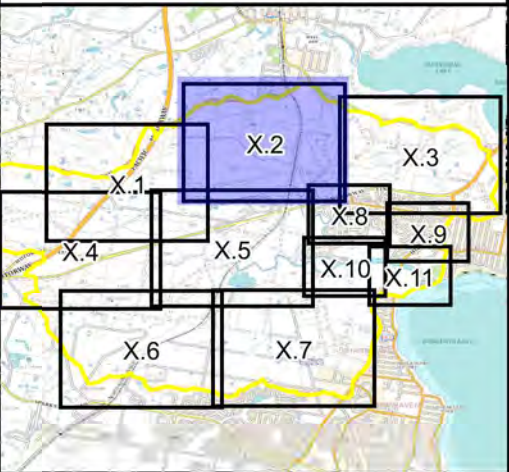
**Figure 6.1:
Peak Floodwater
Depths for the
1% AEP Flood**

Prepared By:

Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

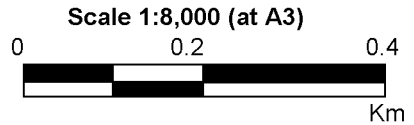
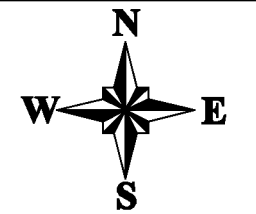
File Name: Fig6.1 - Peak Floodwater Depth for the 1% AEP Flood.wor





LEGEND

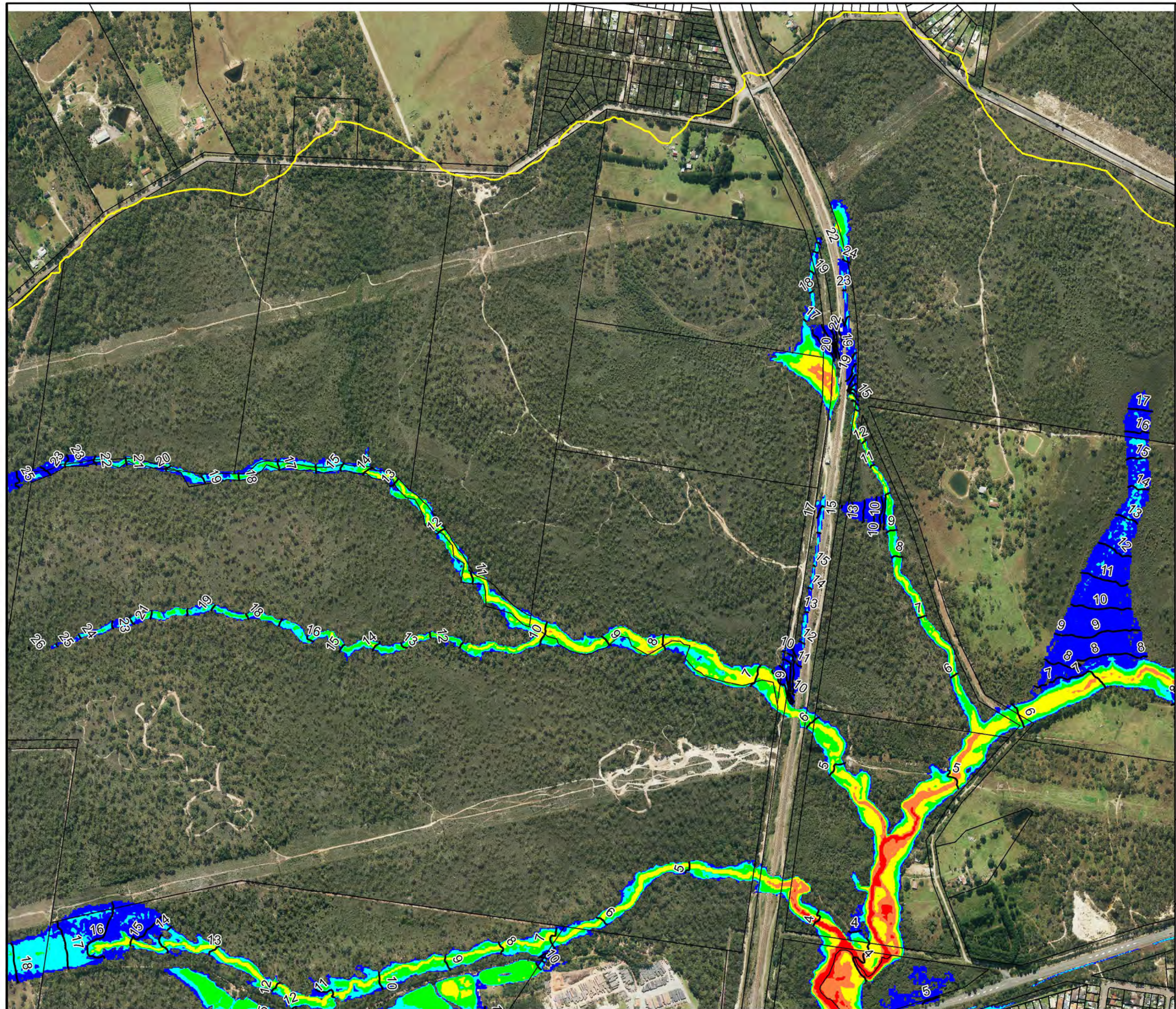
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

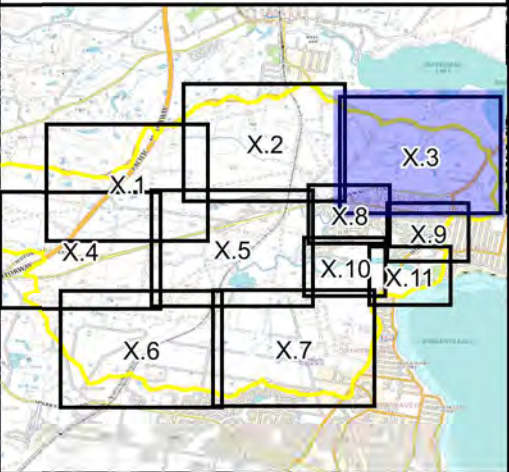


**Figure 6.2:
Peak Floodwater
Depths for the
1% AEP Flood**

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.2 - Peak Floodwater Depth for the 1% AEP Flood.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

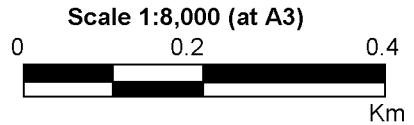
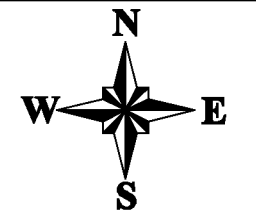
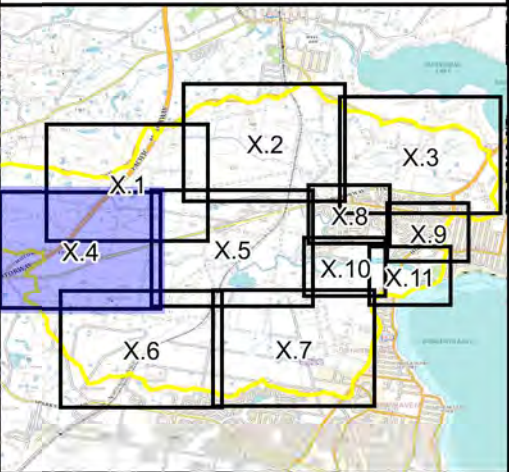


Figure 6.3:
Peak Floodwater
Depths for the
1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.3 - Peak Floodwater Depth
for the 1% AEP Flood.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

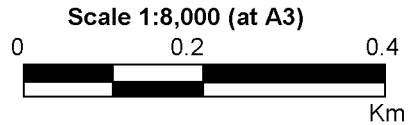
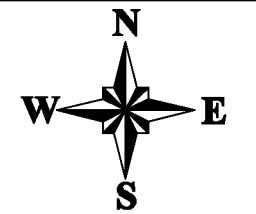
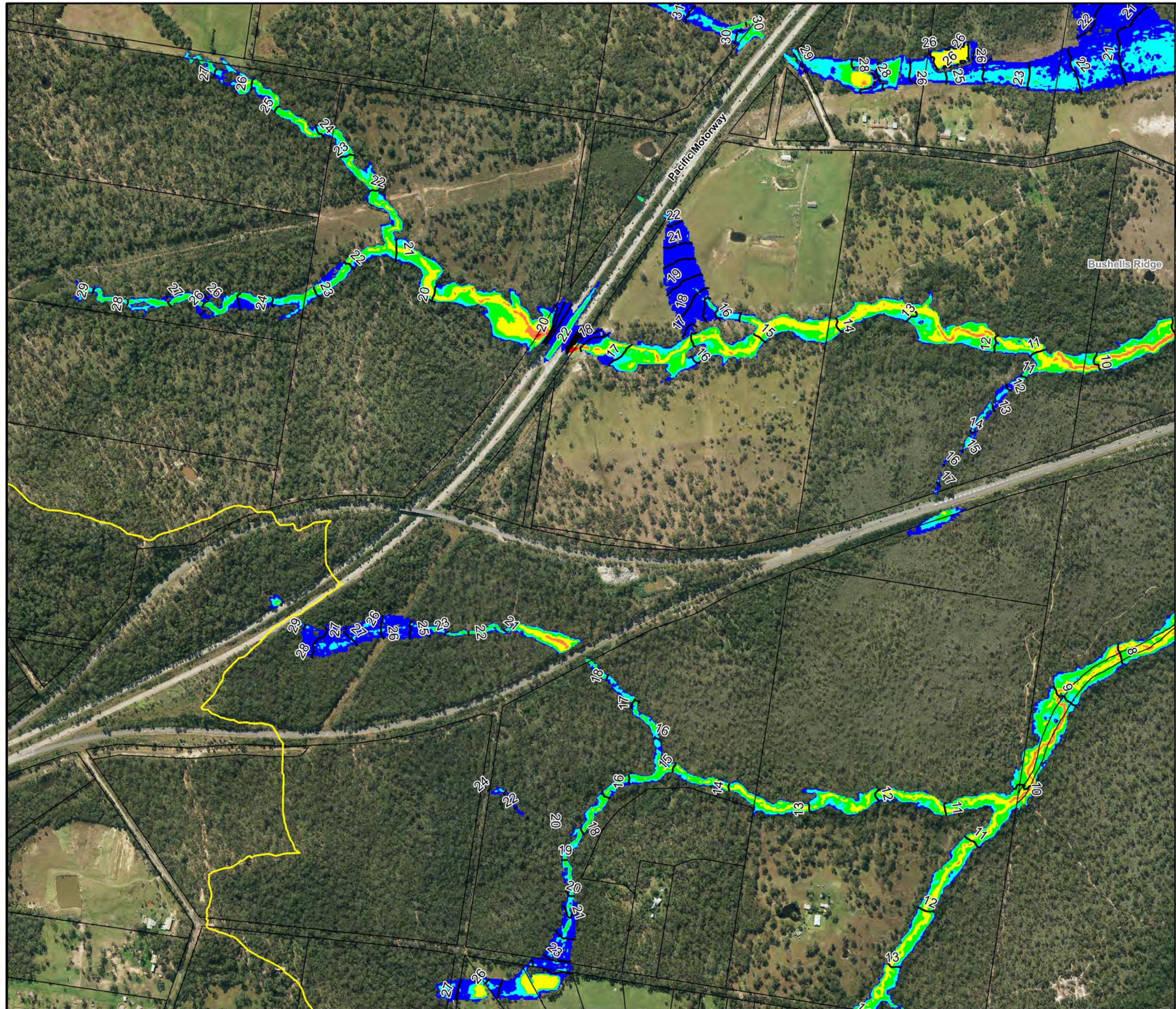
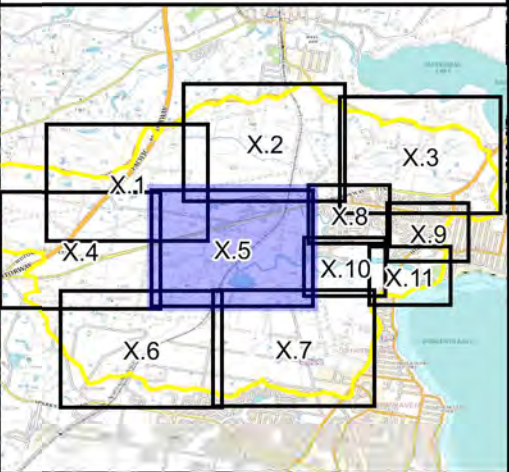
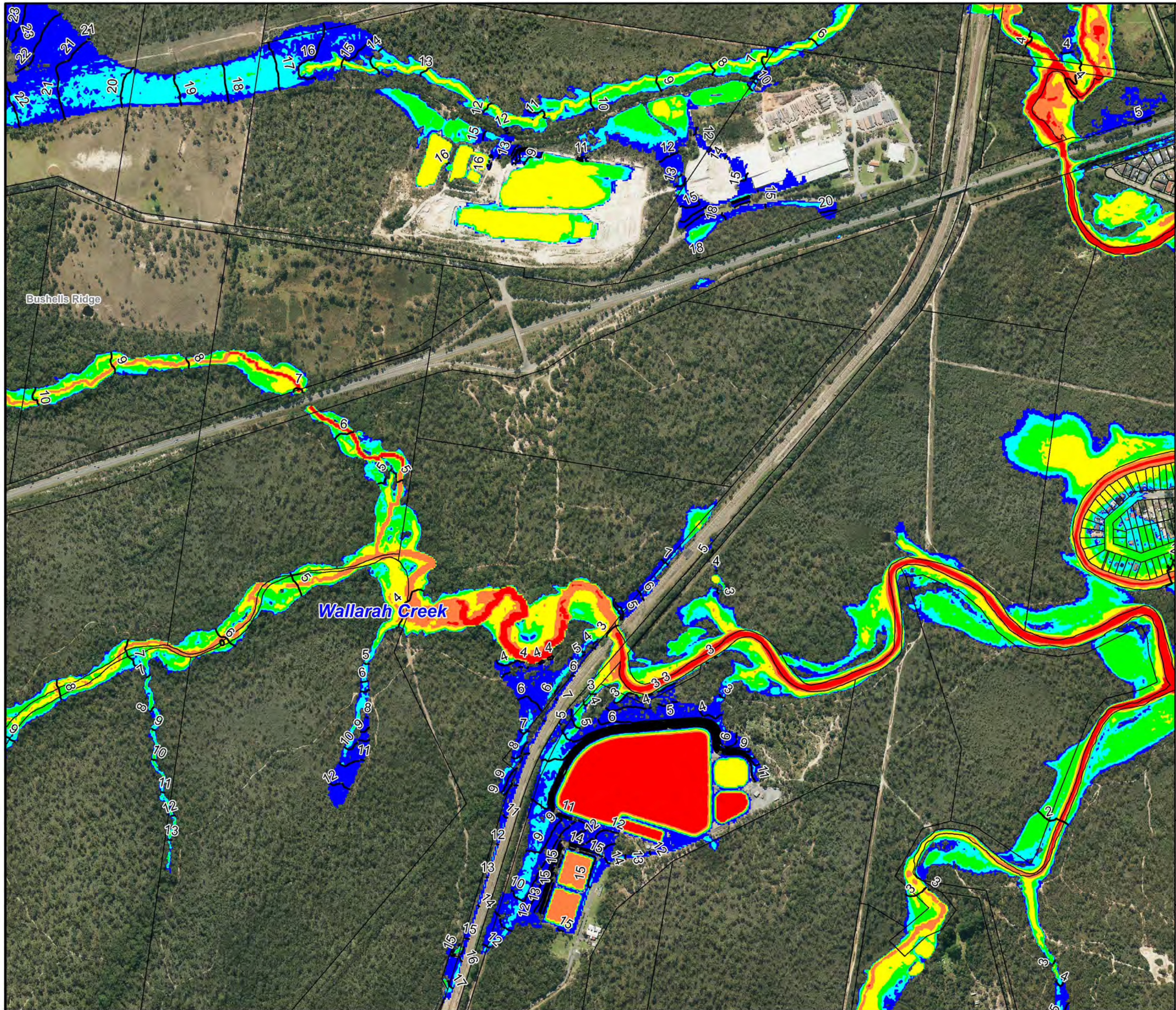


Figure 6.4:
Peak Floodwater
Depths for the
1% AEP Flood

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.4 - Peak Floodwater Depth for the 1% AEP Flood.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

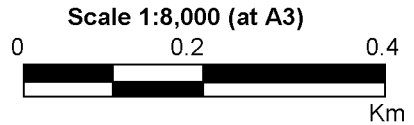
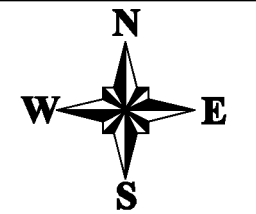
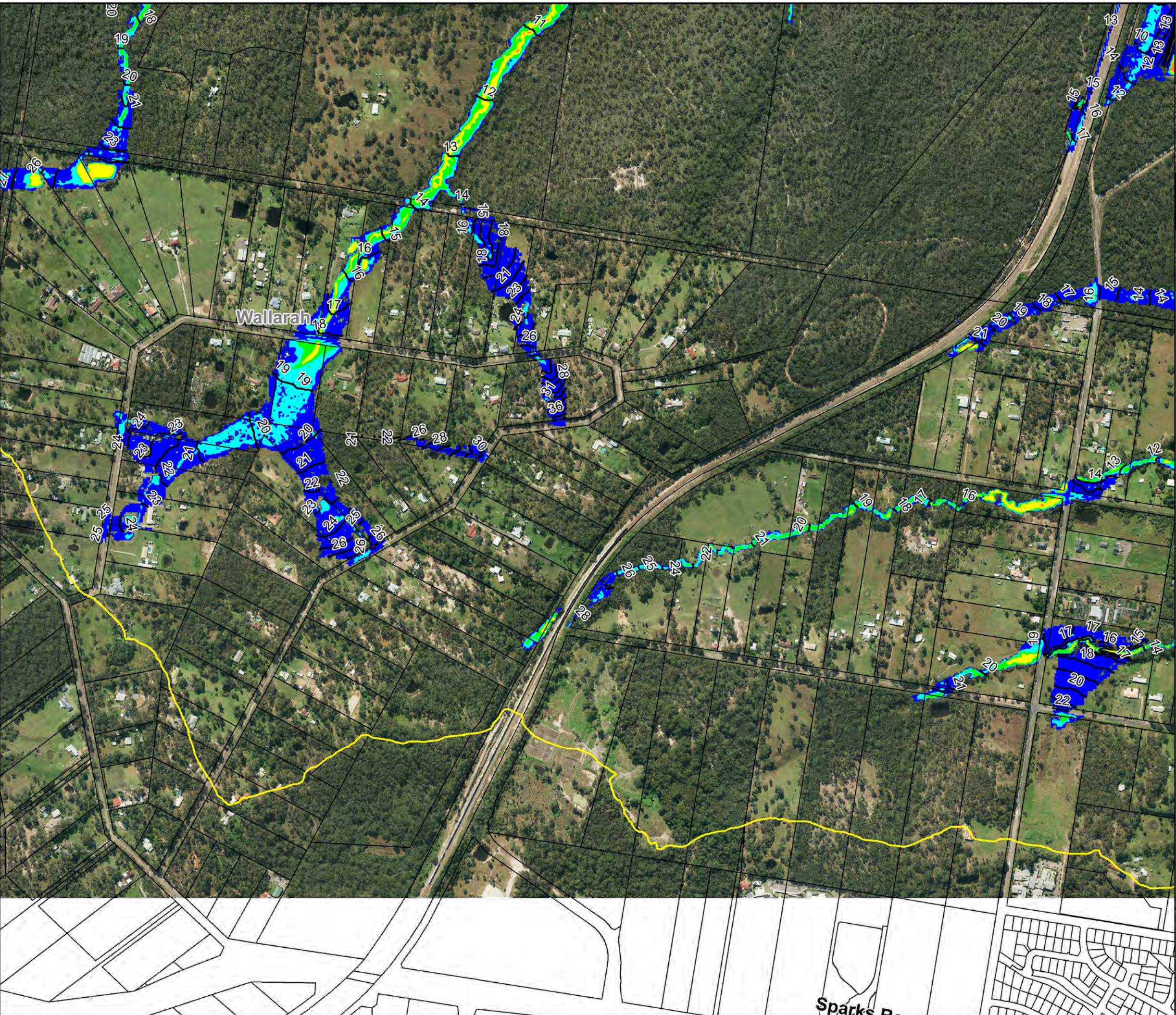
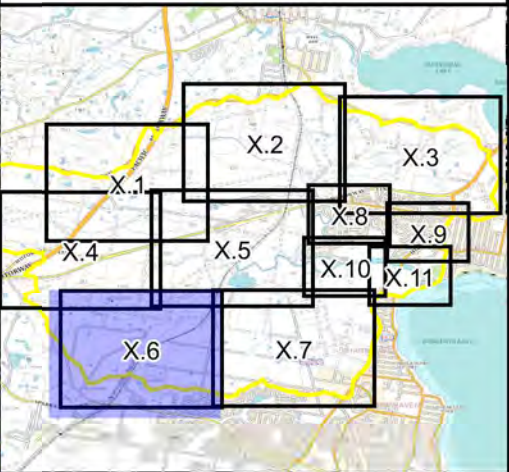


Figure 6.5:
Peak Floodwater
Depths for the
1% AEP Flood

Prepared By:
 Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.5 - Peak Floodwater Depth for the 1% AEP Flood.wor



LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

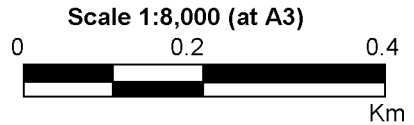
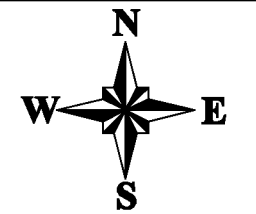
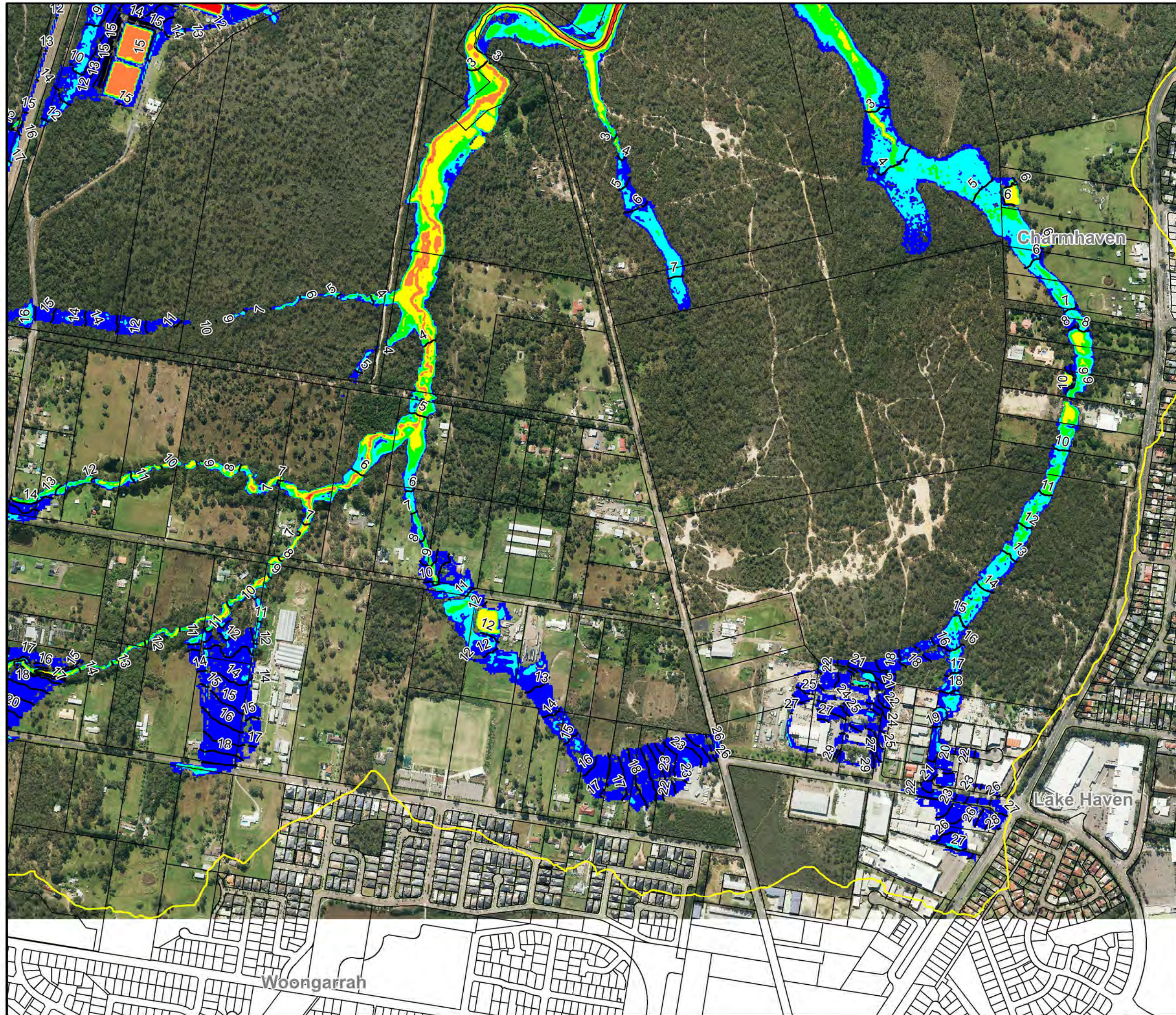
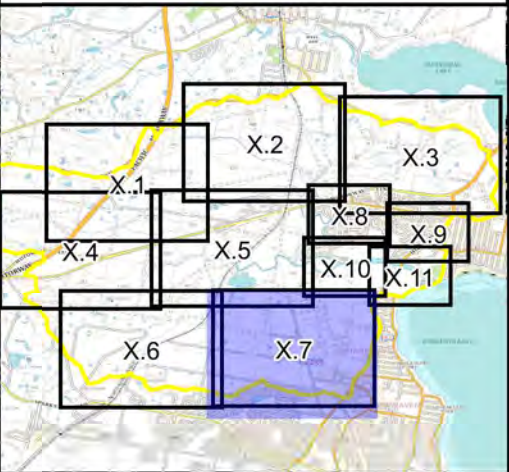


Figure 6.6:
Peak Floodwater
Depths for the
1% AEP Flood

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Sydney, NSW 2000

File Name: Fig6.6 - Peak Floodwater Depth
for the 1% AEP Flood.wor



LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

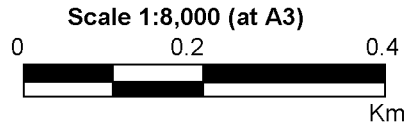
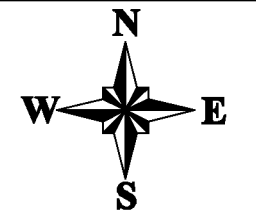

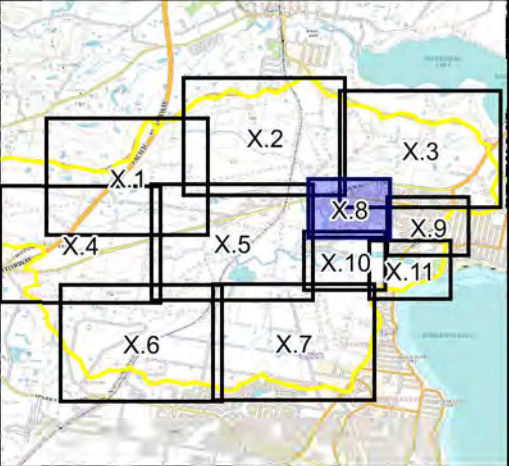


Figure 6.7:
Peak Floodwater
Depths for the
1% AEP Flood

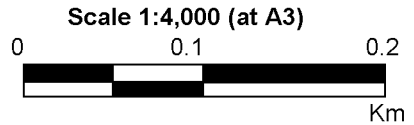
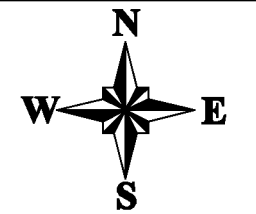
Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.7 - Peak Floodwater Depth
for the 1% AEP Flood.wor



LEGEND

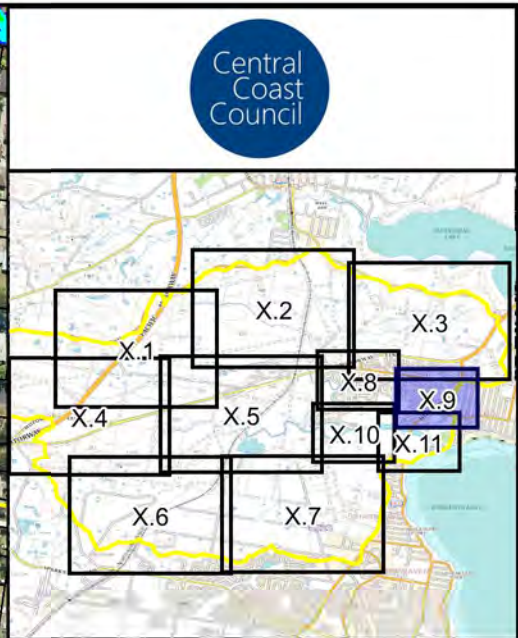
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 6.8:
Peak Floodwater
Depths for the
1% AEP Flood**

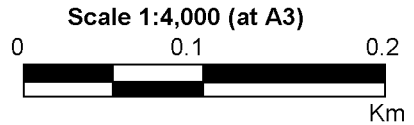
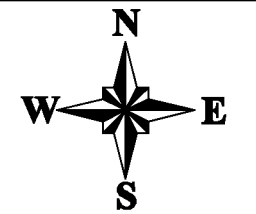
Prepared By:
Catchment Simulation Solutions
 Suite 2.01, 210 George St
 Sydney, NSW 2000

File Name: Fig6.8 - Peak Floodwater Depth for the 1% AEP Flood.wor




LEGEND

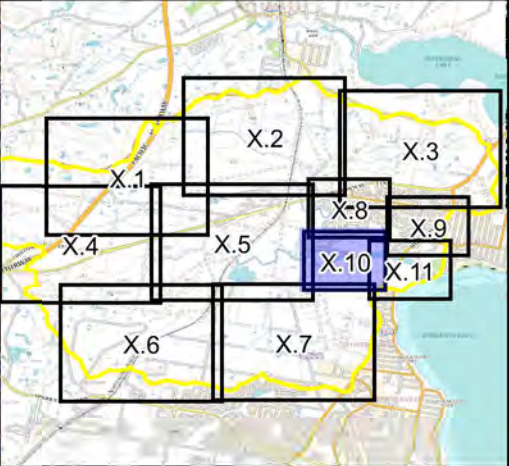
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 6.9:
Peak Floodwater
Depths for the
1% AEP Flood**

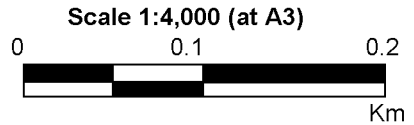
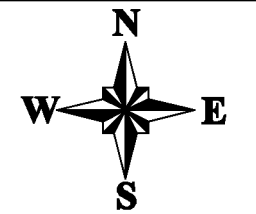
Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig6.9 - Peak Floodwater Depth for the 1% AEP Flood.wor



LEGEND

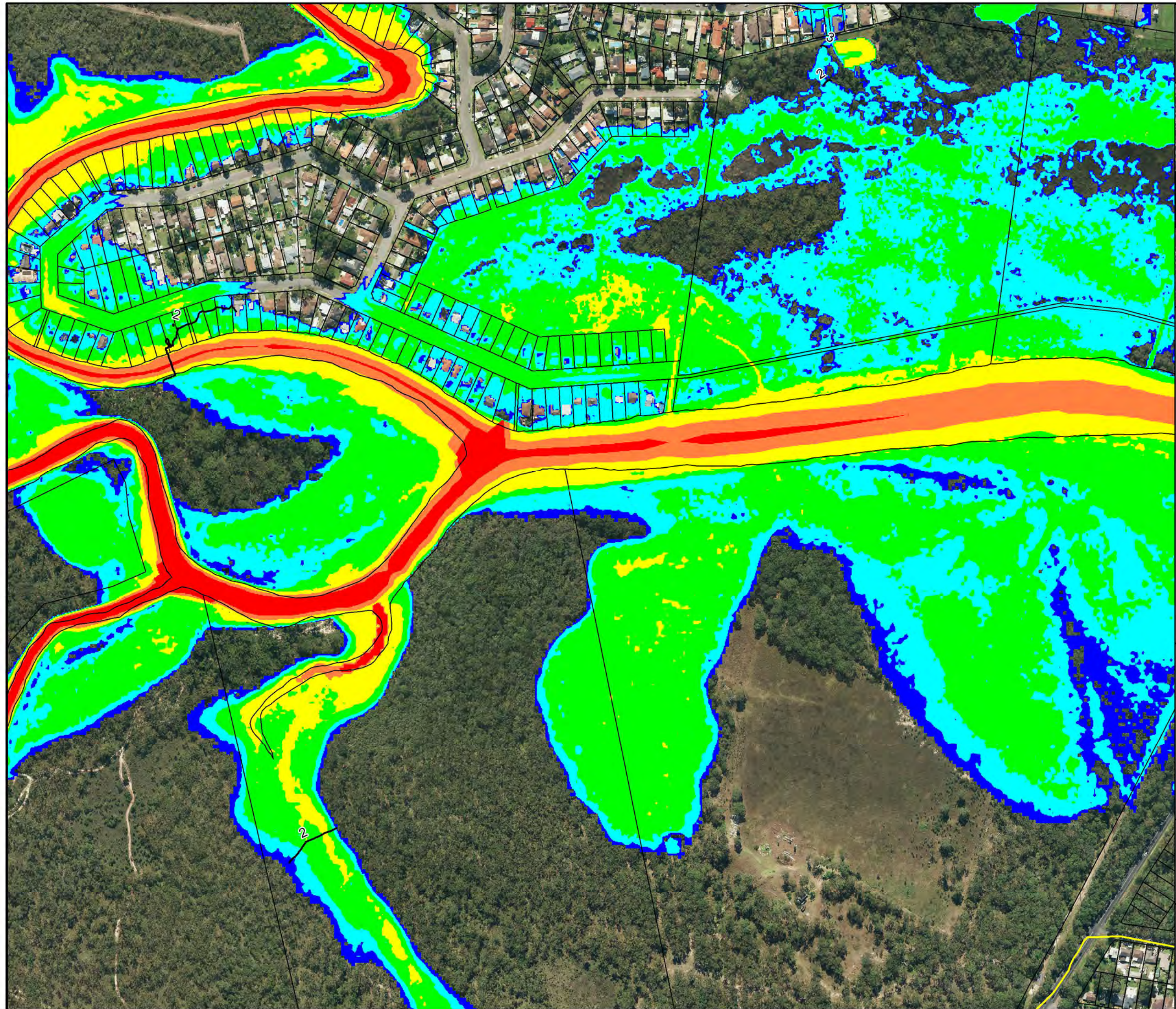
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

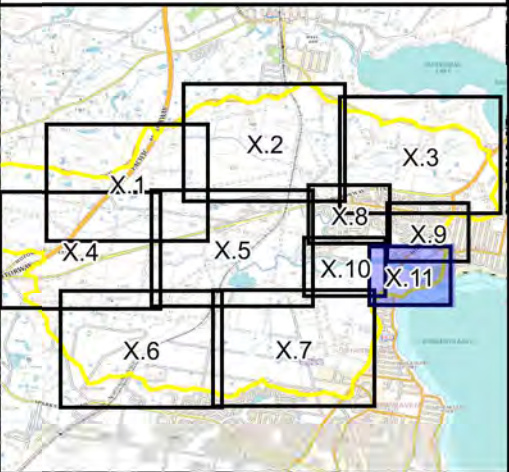


**Figure 6.10:
Peak Floodwater
Depths for the
1% AEP Flood**

Prepared By:
 Catchment Simulation Solutions
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Sydney, NSW 2000

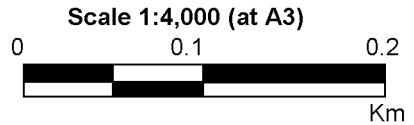
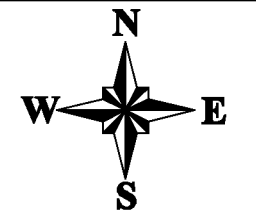
File Name: Fig6.10 - Peak Floodwater Depth for the 1% AEP Flood.wor





LEGEND

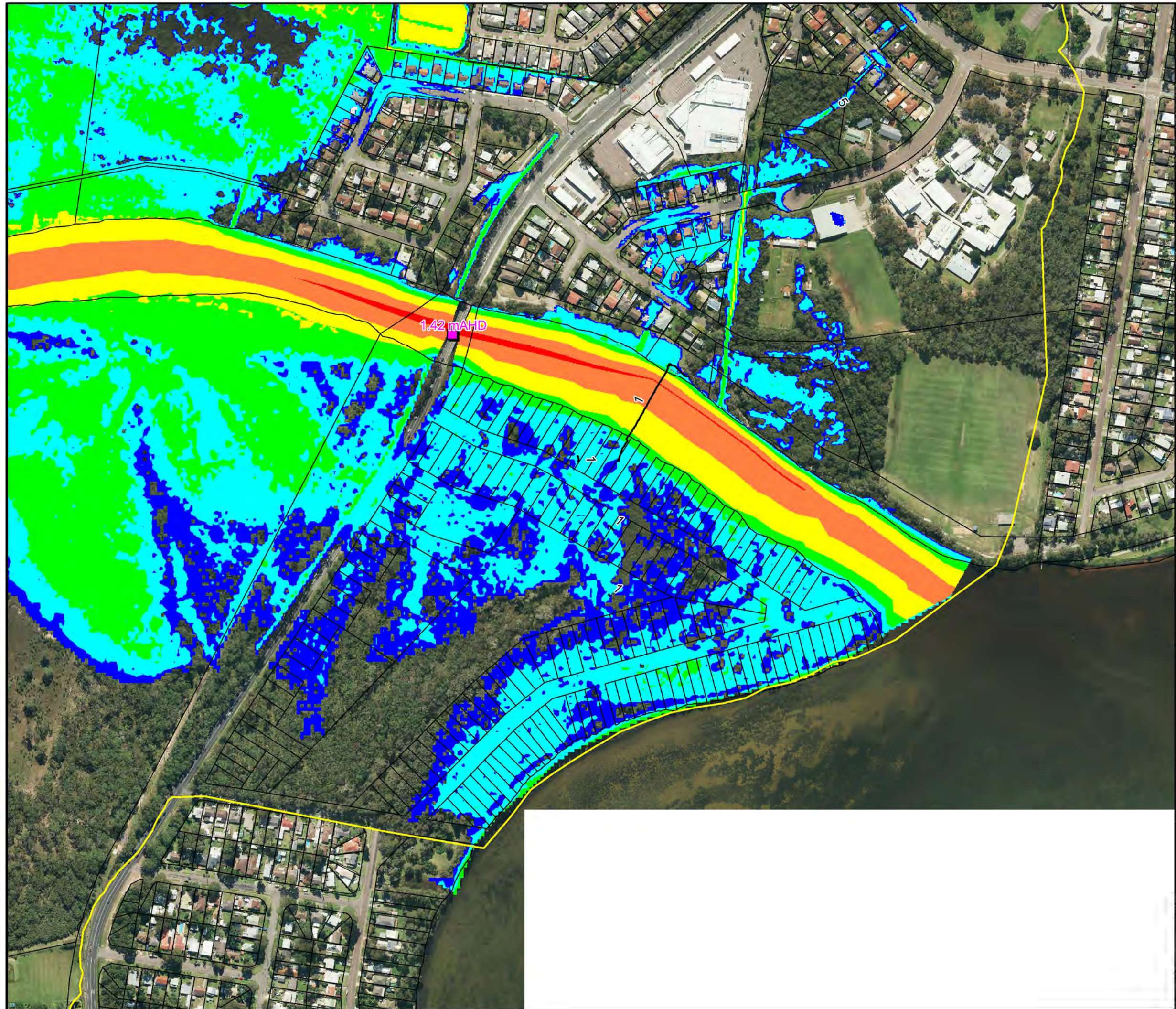
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

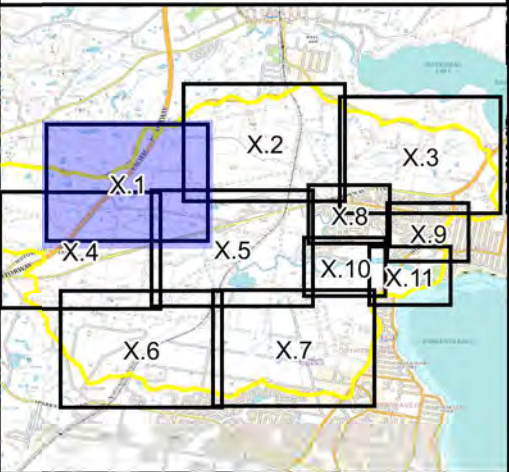


**Figure 6.11:
Peak Floodwater
Depths for the
1% AEP Flood**

Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig6.11 - Peak Floodwater Depth
for the 1% AEP Flood.wor





LEGEND

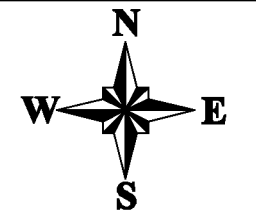
Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

25 Peak Flood Level Contour (mAHD)

■ 2.95 Water Level at Wallarah

Creek Bridge Gauge (mAHD)



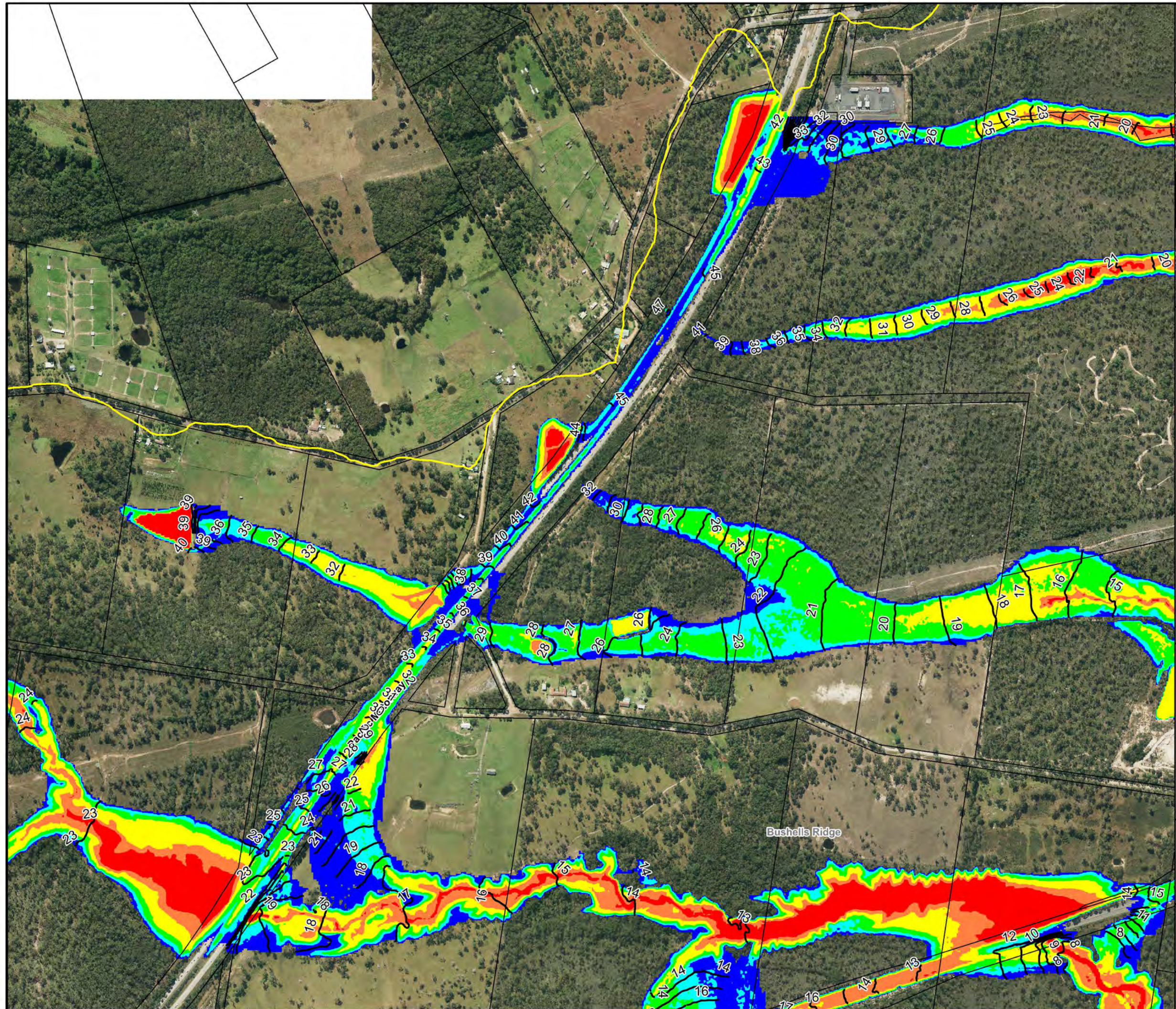
Scale 1:8,000 (at A3)

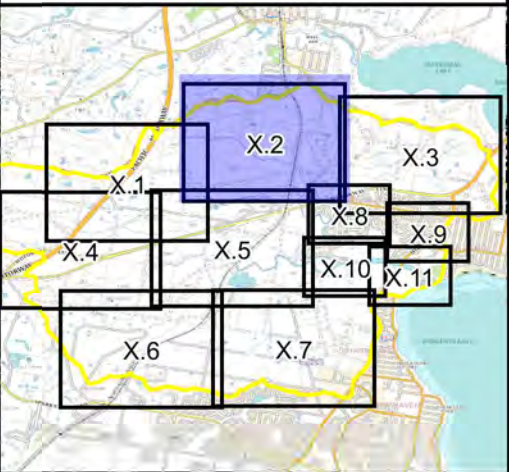


**Figure 7.1:
Peak Floodwater
Depths for the
PMF**

Prepared By:
Catchment Simulation Solutions
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 Sydney, NSW 2000

File Name: Fig7.1 - Peak Floodwater Depth for the PMF.wor





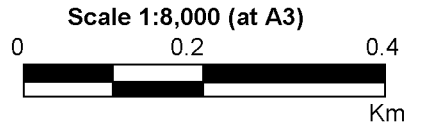
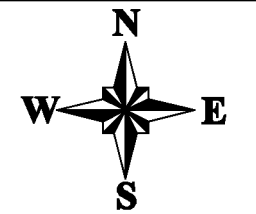
LEGEND

Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

— 25 Peak Flood Level Contour (mAHD)

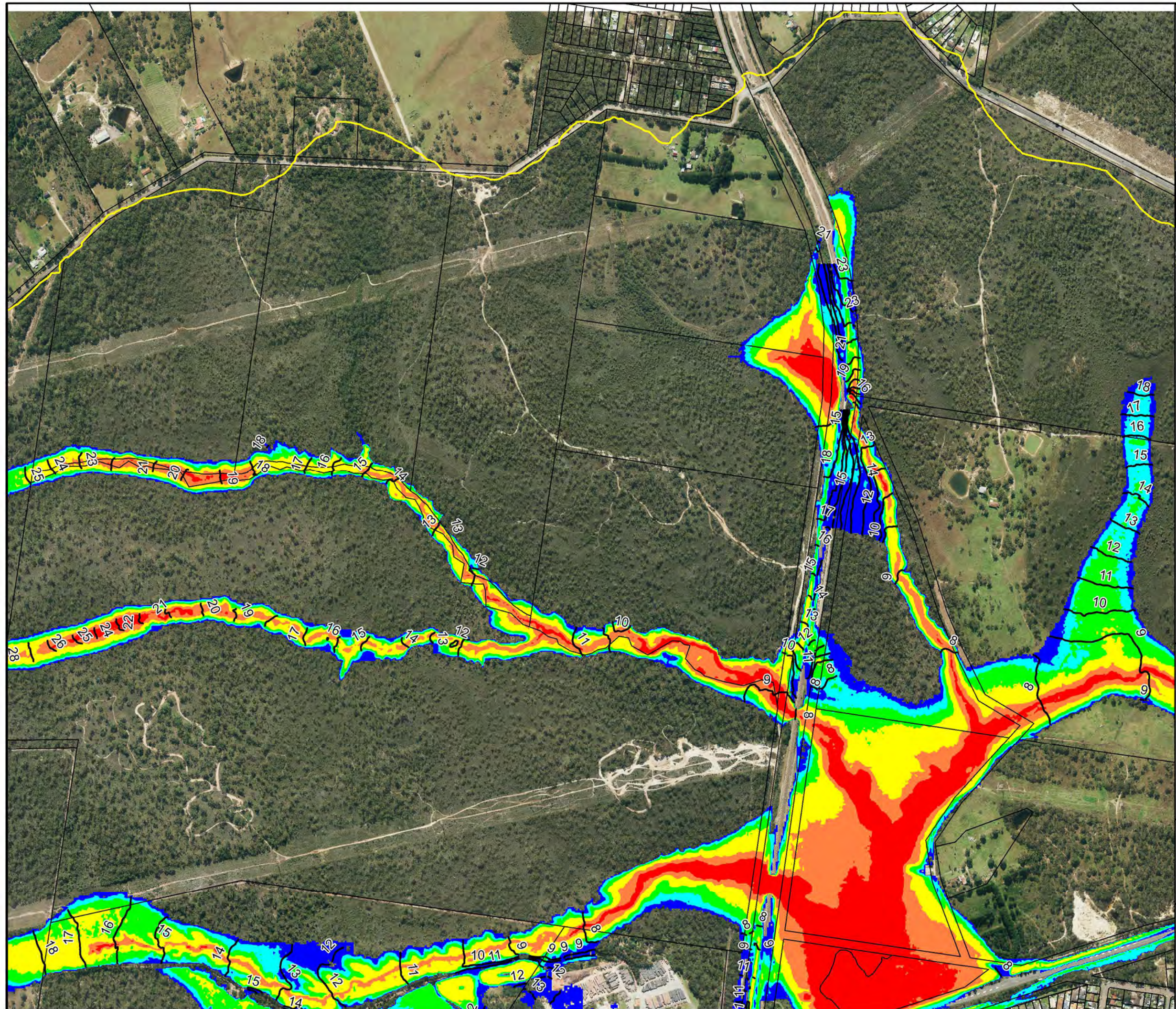
■ 2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

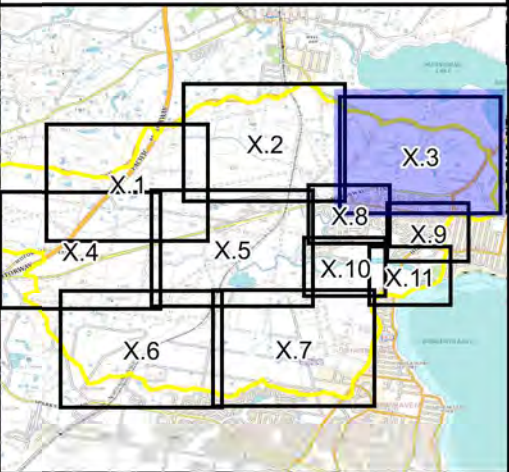


**Figure 7.2:
Peak Floodwater
Depths for the
PMF**

Prepared By:
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File Name: Fig7.2 - Peak Floodwater Depth for the PMF.wor





LEGEND

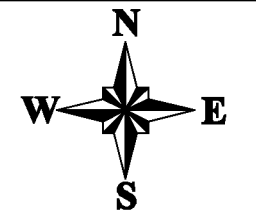
Depths (m)

- <= 0.2
- 0.2 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 3.0
- >= 3.0

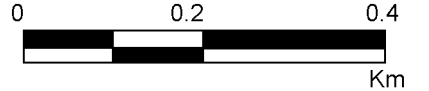
25 Peak Flood Level Contour (mAHD)

2.95 Water Level at Wallarah

■ Creek Bridge Gauge (mAHD)



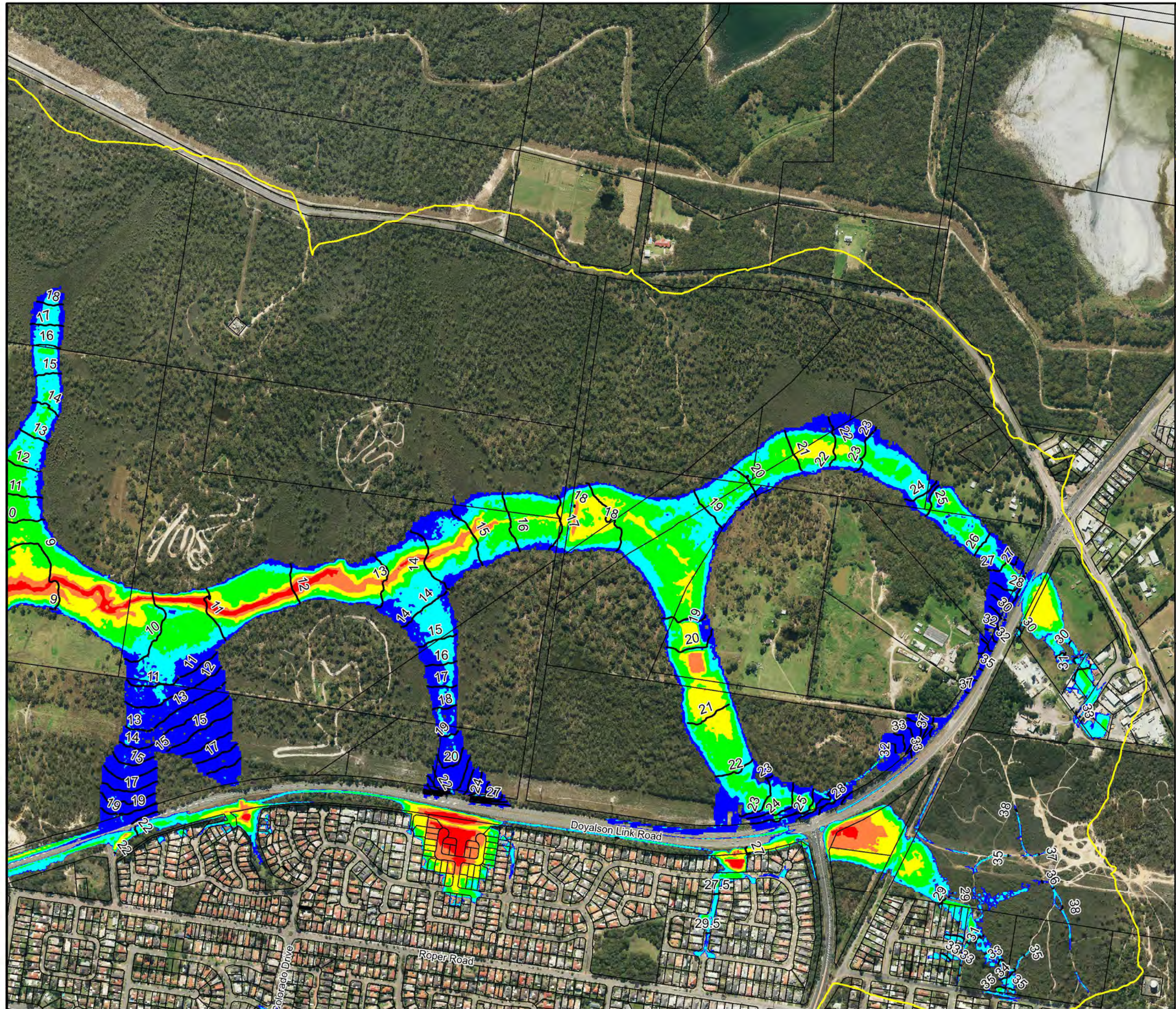
Scale 1:8,000 (at A3)

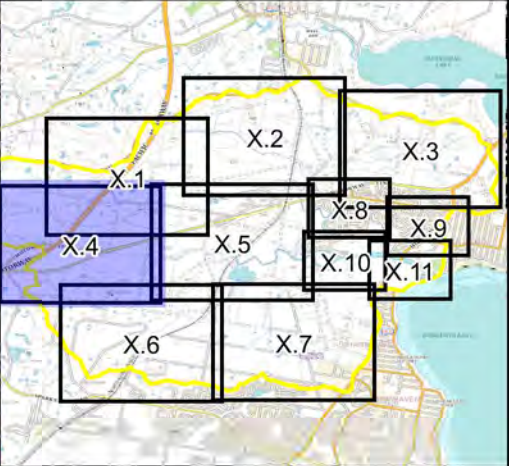


**Figure 7.3:
Peak Floodwater
Depths for the
PMF**

Prepared By:
 Catchment Simulation Solutions
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Sydney, NSW 2000

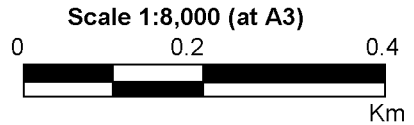
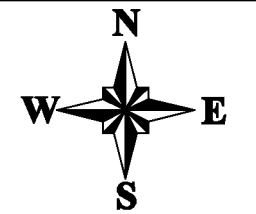
File Name: Fig7.3 - Peak Floodwater Depth for the PMF.wor





LEGEND

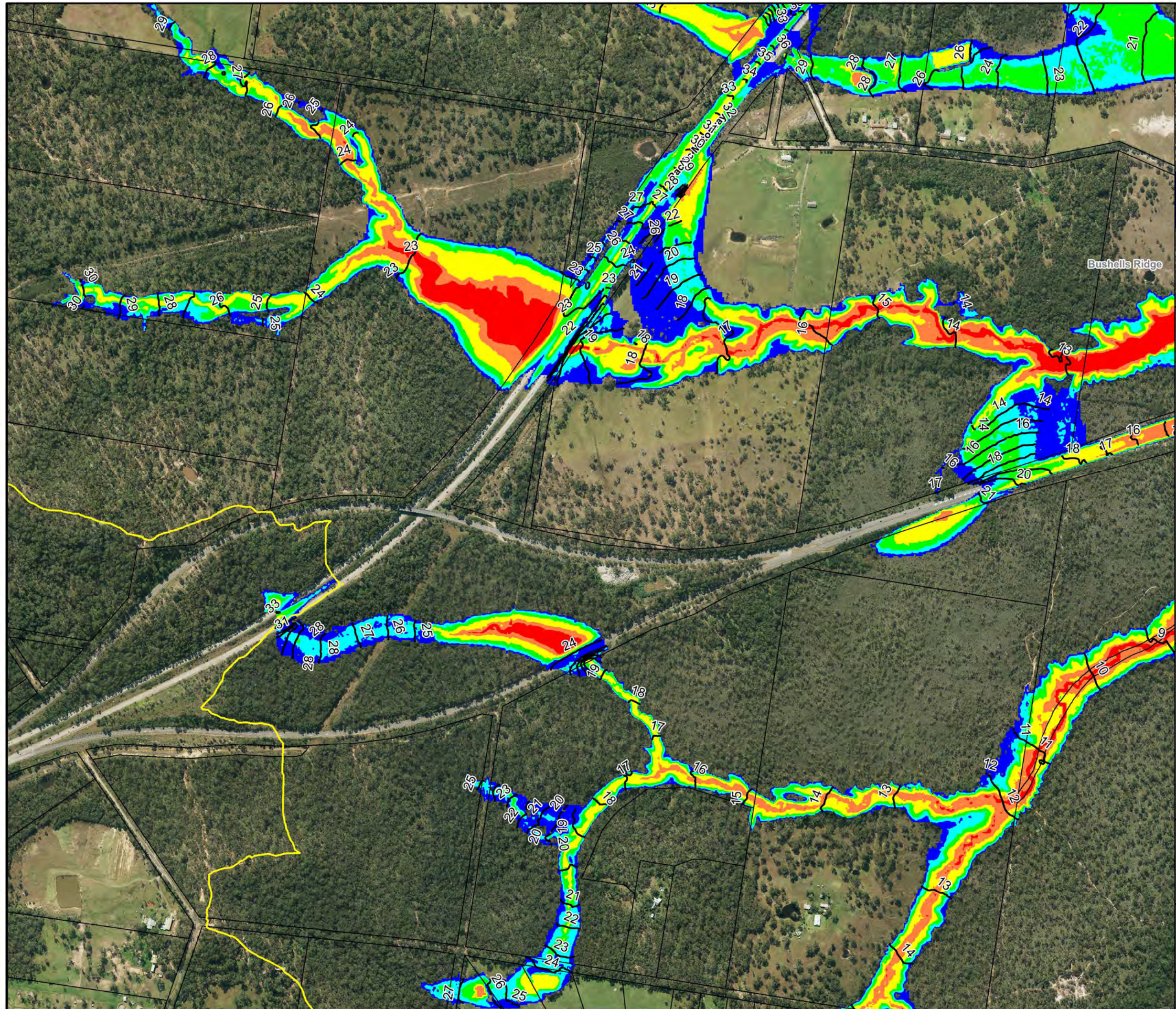
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 2.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

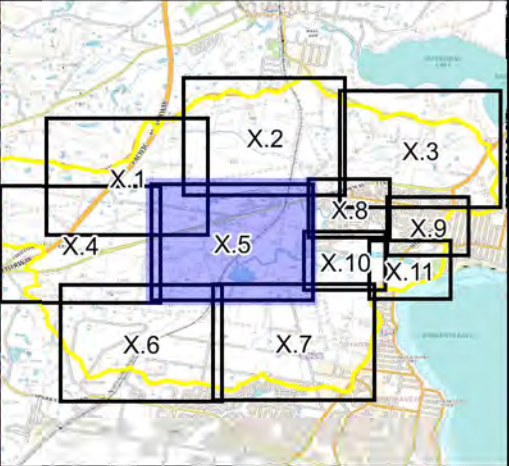
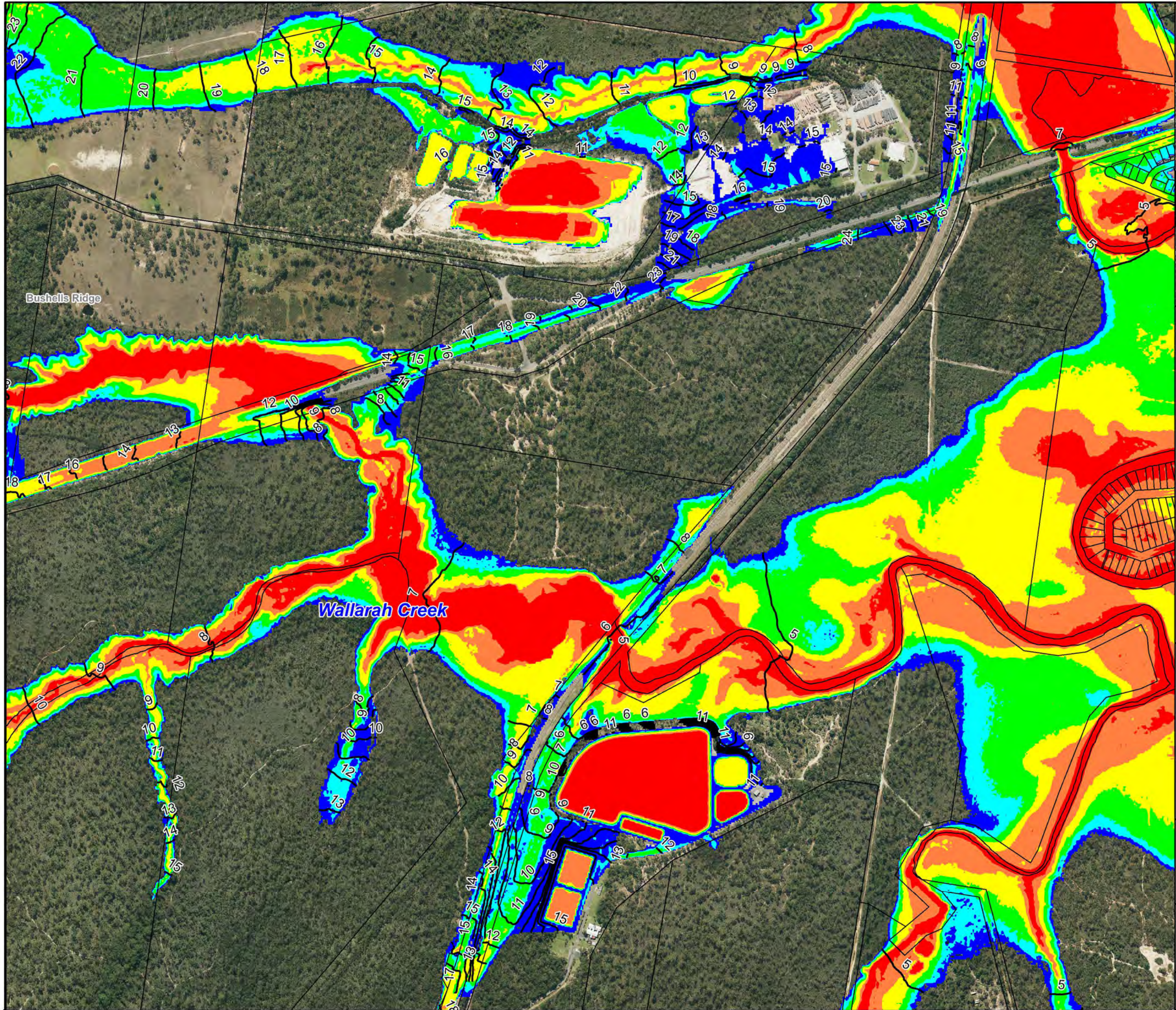


**Figure 7.4:
Peak Floodwater
Depths for the
PMF**

Prepared By:
Catchment Simulation Solutions
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 Sydney, NSW 2000

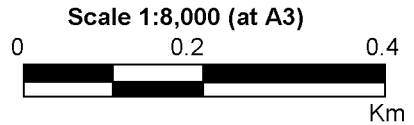
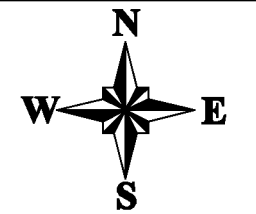
File Name: Fig7.4 - Peak Floodwater Depth for the PMF.wor





LEGEND

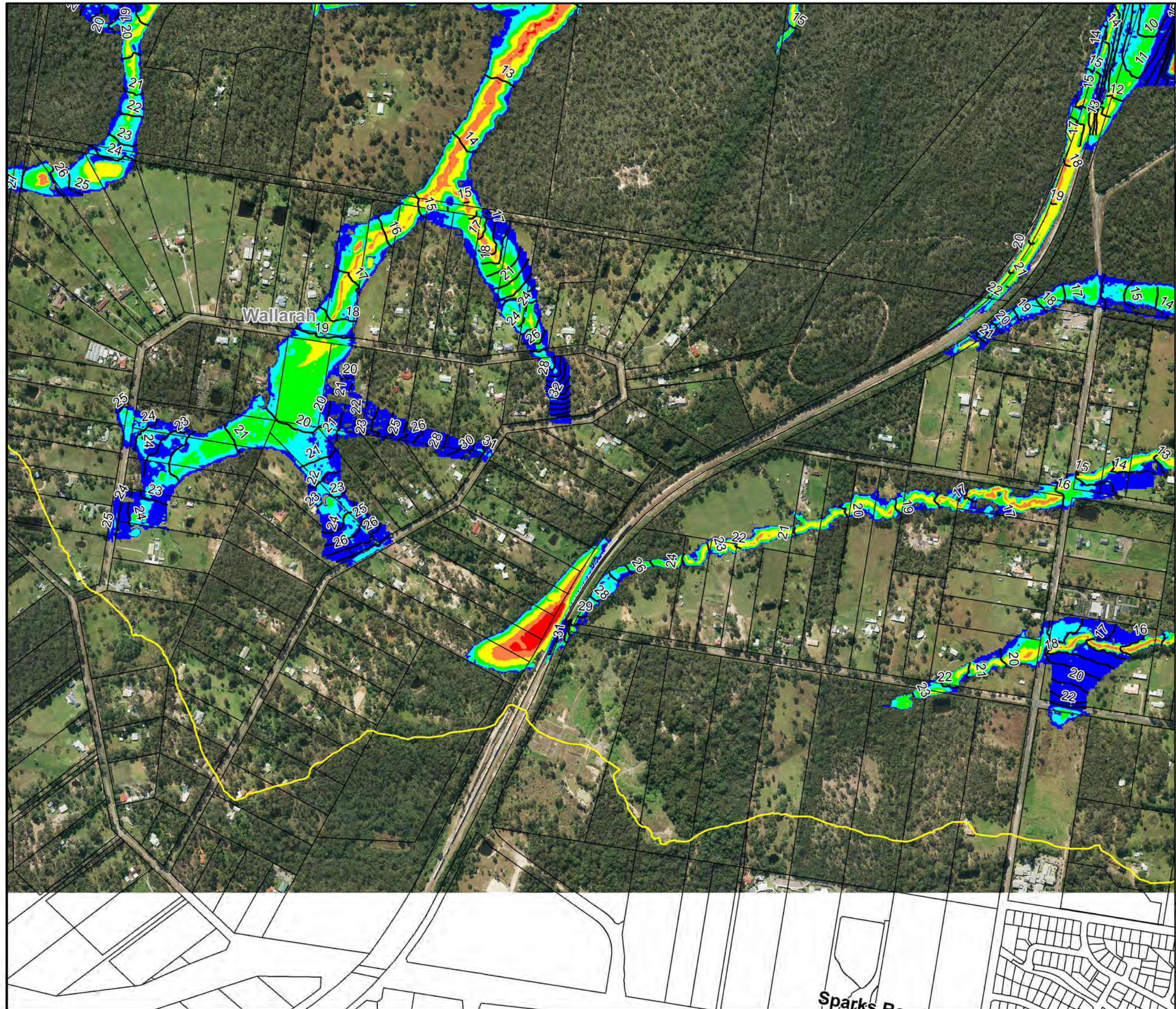
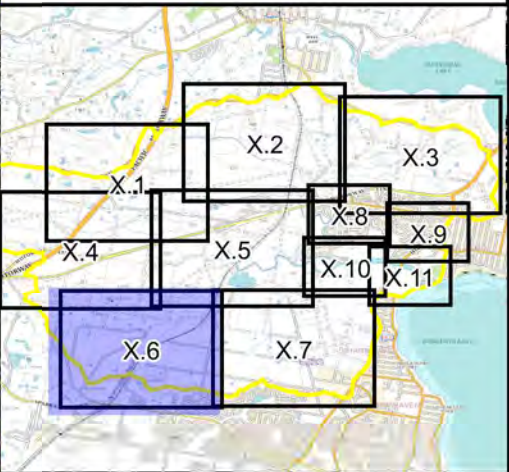
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 7.5:
Peak Floodwater
Depths for the
PMF**

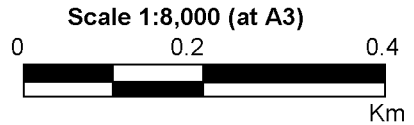
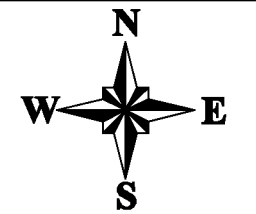
Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.5 - Peak Floodwater Depth for the PMF.wor



LEGEND

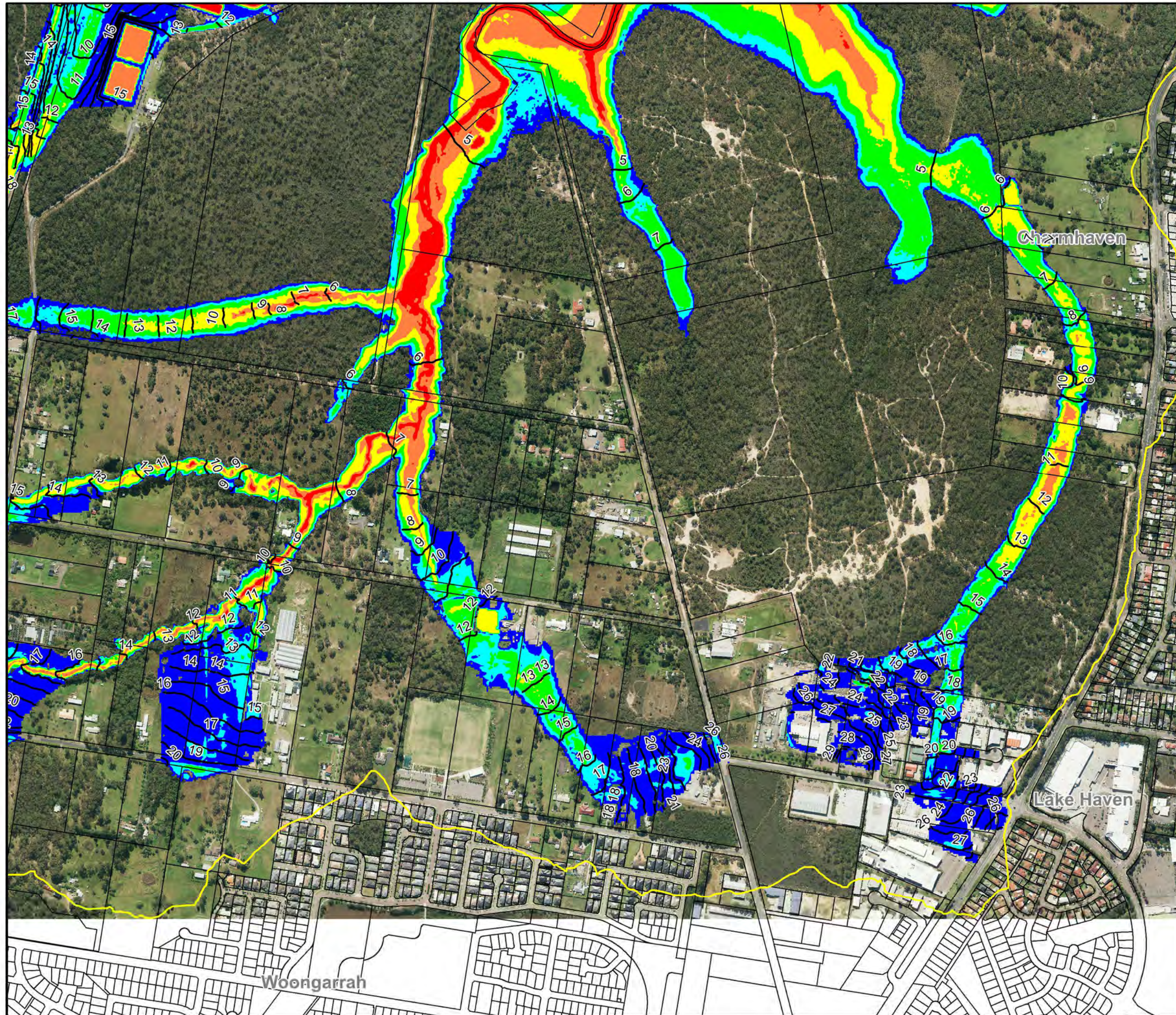
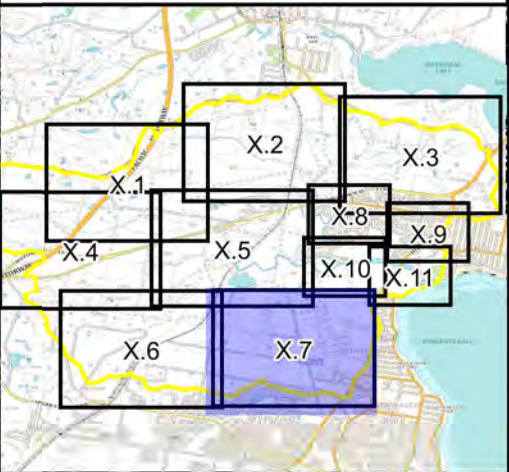
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 2.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)



**Figure 7.6:
Peak Floodwater
Depths for the
PMF**

Prepared By:
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Sydney, NSW 2000

File Name: Fig7.6 - Peak Floodwater Depth for the PMF.wor



LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 2.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

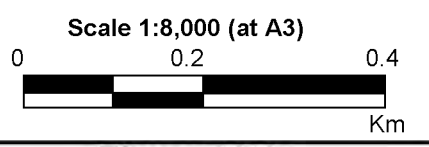
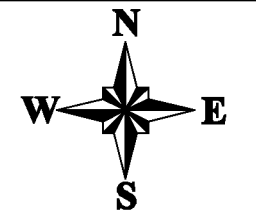

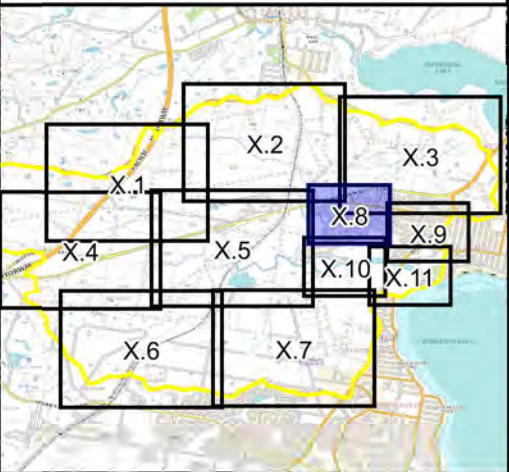


Figure 7.7:
Peak Floodwater
Depths for the
PMF

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Sydney, NSW 2000


File Name: Fig7.7 - Peak Floodwater Depth
for the PMF.wor




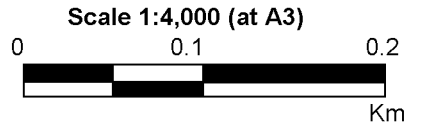
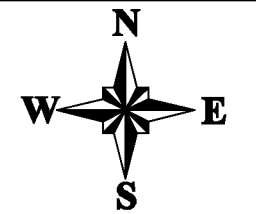
LEGEND

Depths (m)


-  <= 0.2
-  0.2 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  2.0 to 3.0
-  >= 3.0

 25 Peak Flood Level Contour (mAHD)

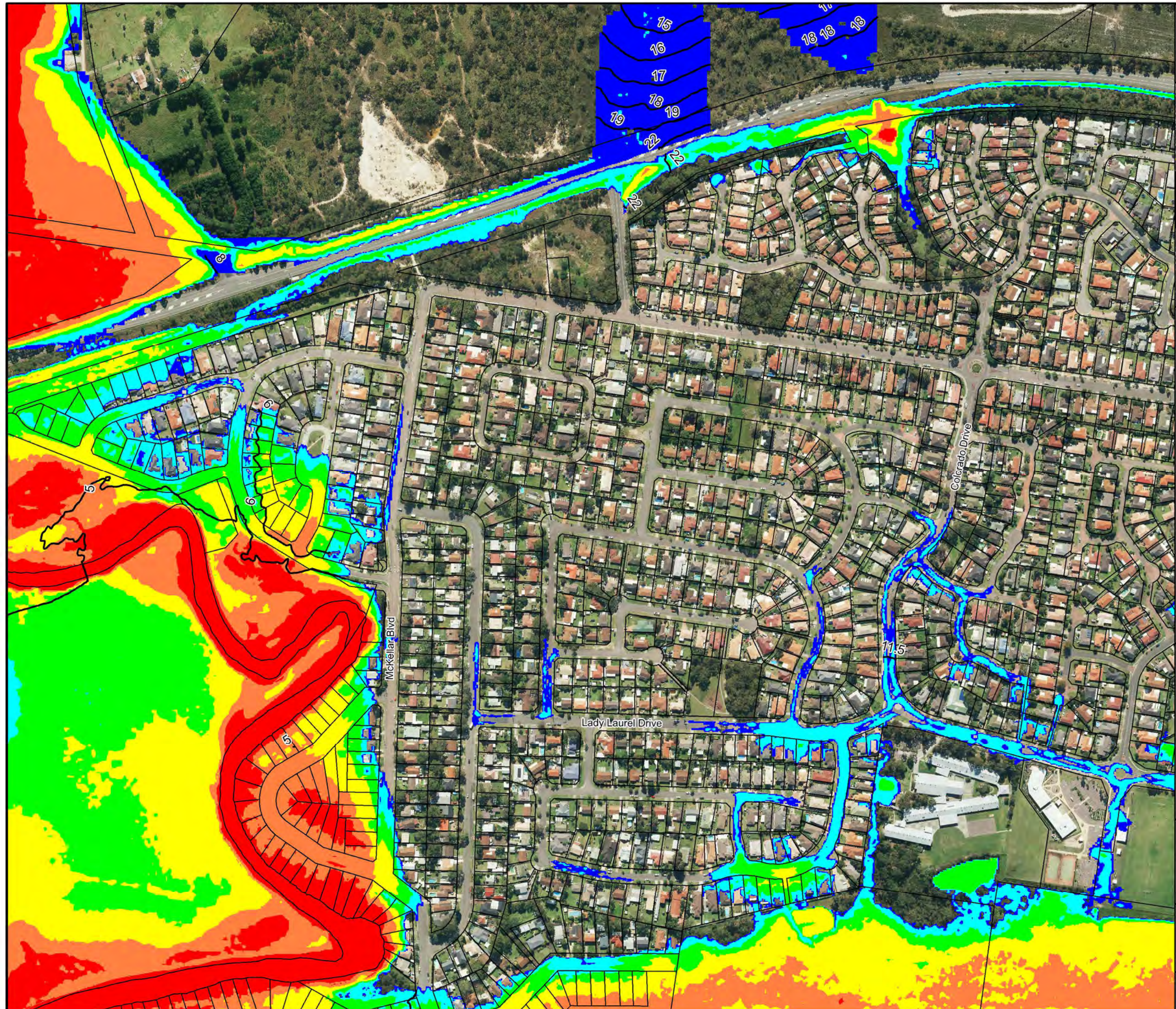
 2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

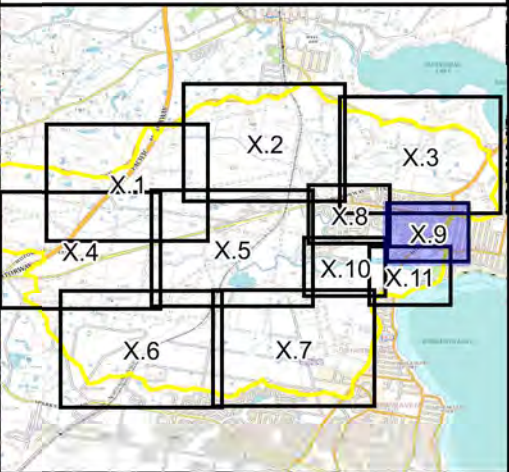


**Figure 7.8:
Peak Floodwater
Depths for the
PMF**

Prepared By:
 **Catchment Simulation Solutions**
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Sydney, NSW 2000

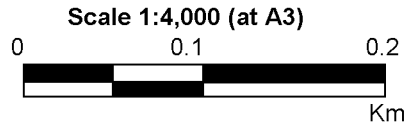
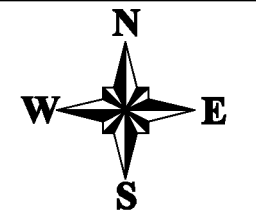
File Name: Fig7.8 - Peak Floodwater Depth for the PMF.wor





LEGEND

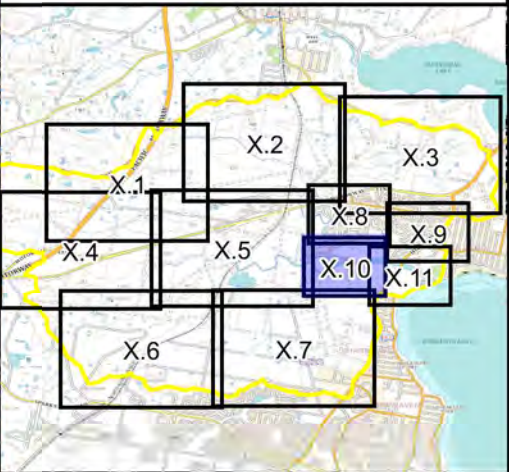
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAHD)
- 2.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)



**Figure 7.9:
Peak Floodwater
Depths for the
PMF**

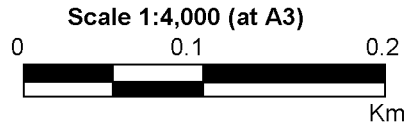
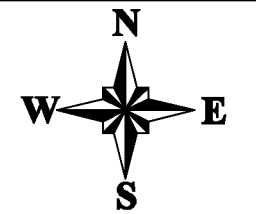
Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig7.9 - Peak Floodwater Depth for the PMF.wor



LEGEND

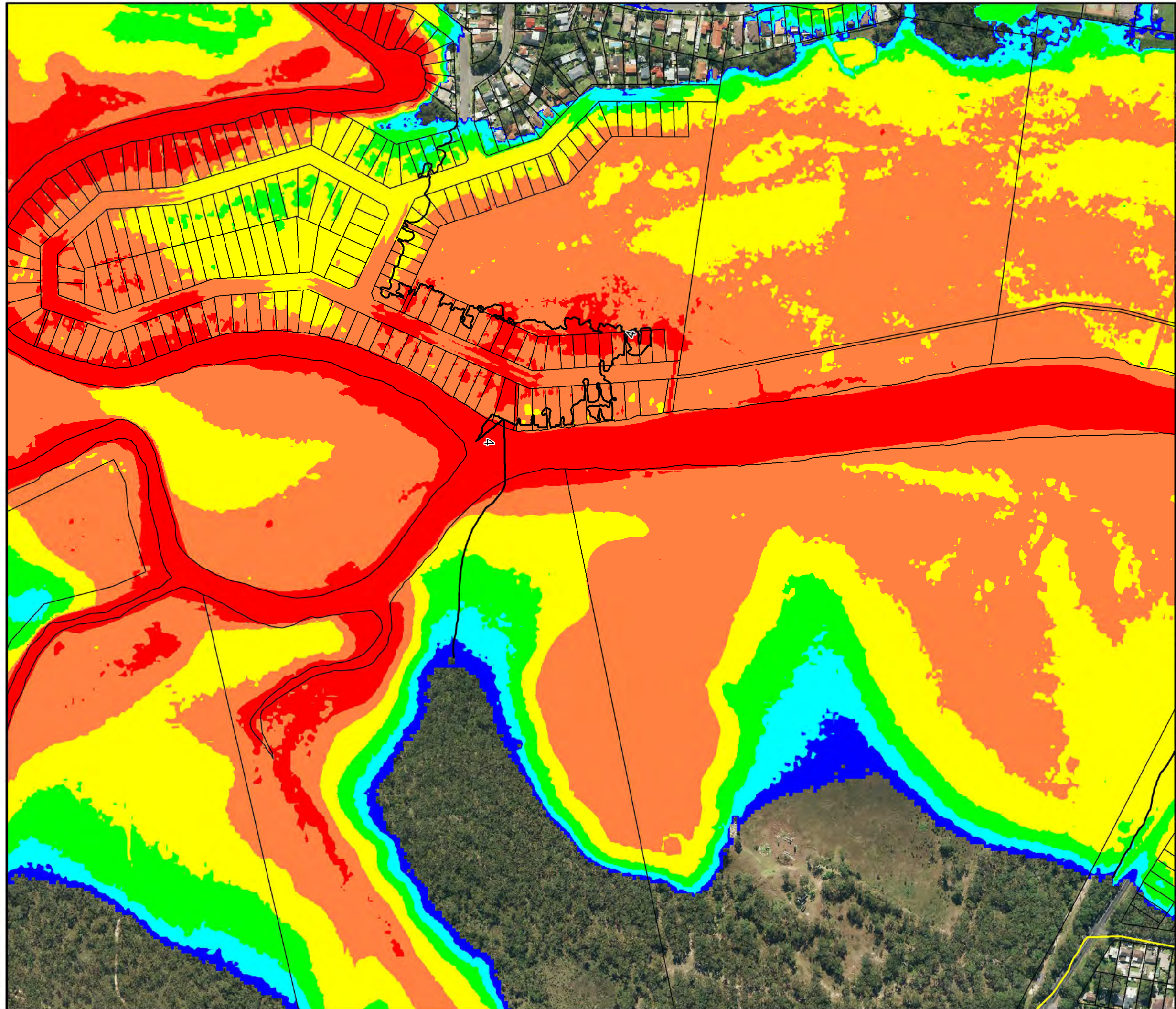
- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- Peak Flood Level Contour (mAHD)
- Water Level at Wallarah Creek Bridge Gauge (mAHD)

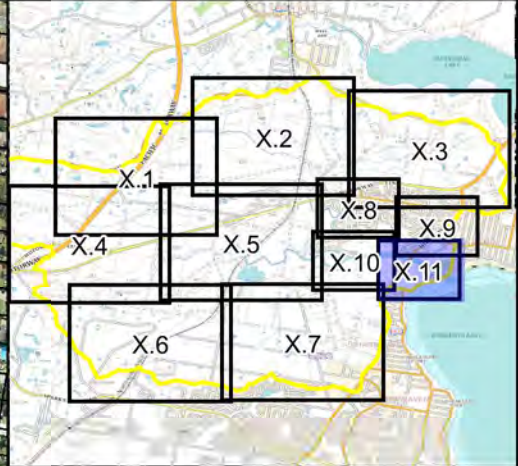


**Figure 7.10:
Peak Floodwater
Depths for the
PMF**

Prepared By:
 Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

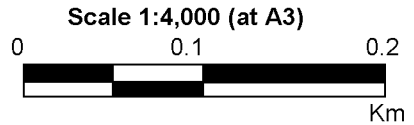
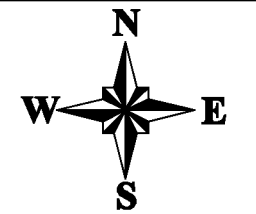
File Name: Fig7.10 - Peak Floodwater Depth for the PMF.wor





LEGEND

- Depths (m)
- <= 0.2
 - 0.2 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - 2.0 to 3.0
 - >= 3.0
- 25 Peak Flood Level Contour (mAH)
- 2.95 Water Level at Wallarah Creek Bridge Gauge (mAH)



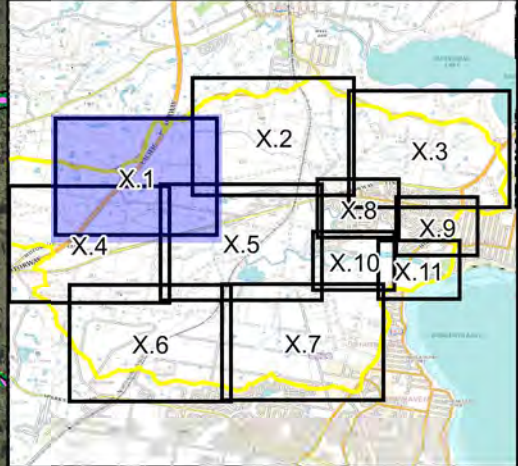
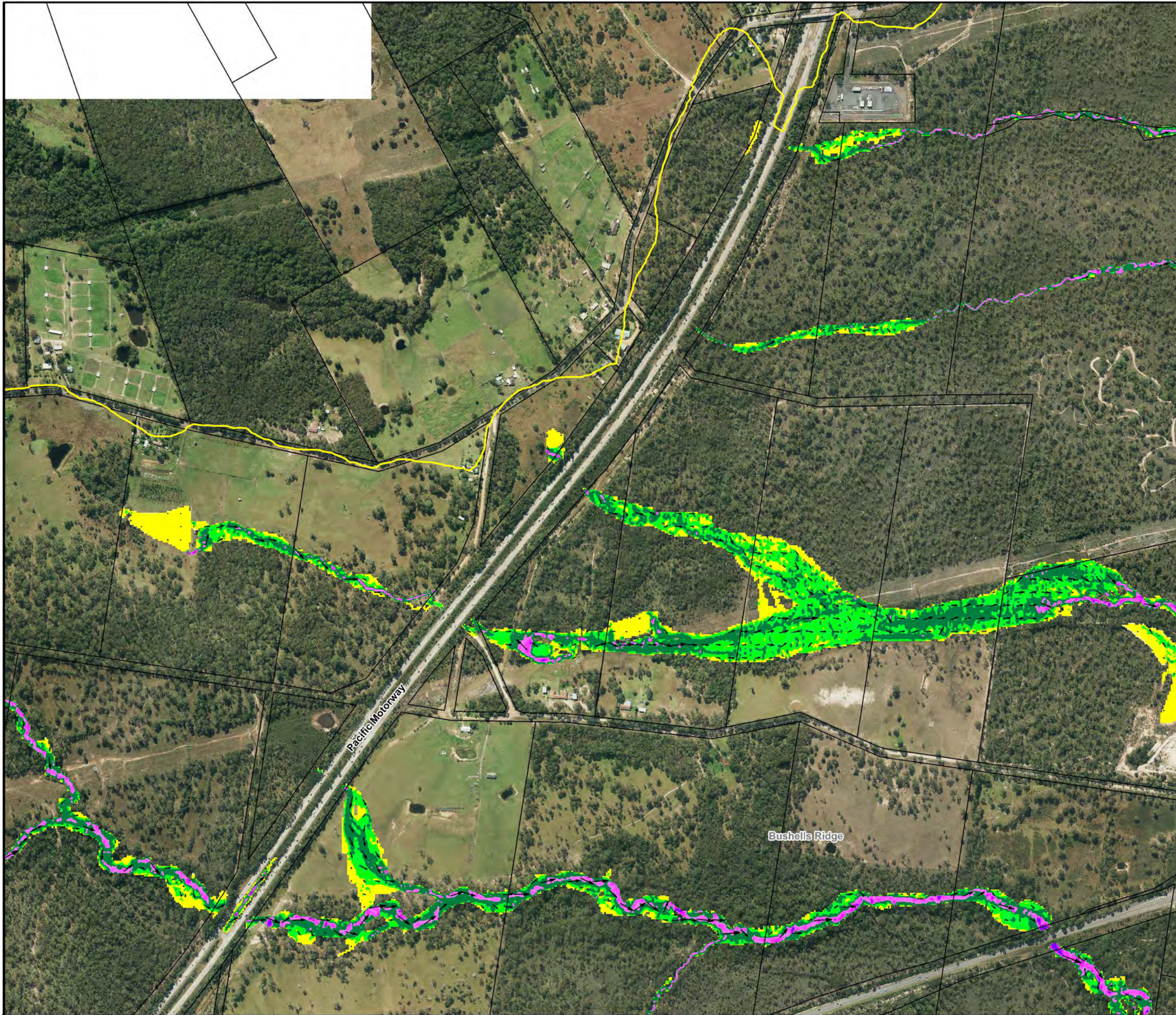
**Figure 7.11:
Peak Floodwater
Depths for the
PMF**

Prepared By:
 **Catchment Simulation Solutions**
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Sydney, NSW 2000

File Name: Fig7.11 - Peak Floodwater Depth for the PMF.wor

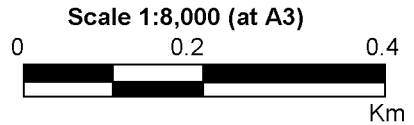
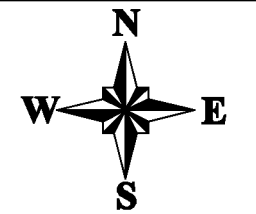
FLOODWATER VELOCITY MAPS





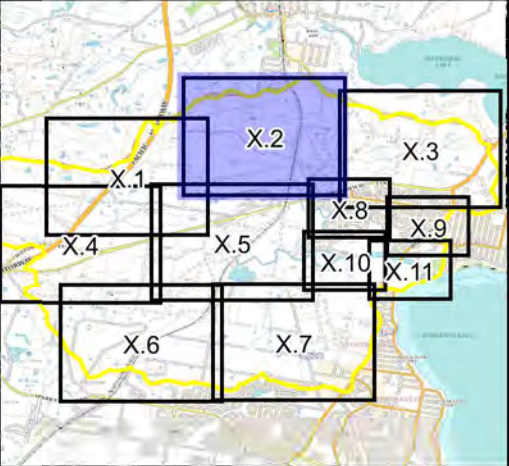
LEGEND

- Velocities (m/s)**
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah
■ Creek Bridge Gauge (mAHD)



**Figure 8.1:
Peak Floodwater
Velocities for the
20% AEP Flood**



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 Sydney, NSW 2000



LEGEND

Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

-  0.95 Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

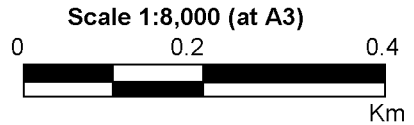
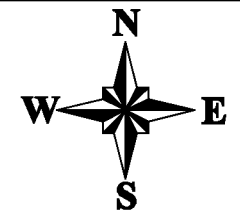

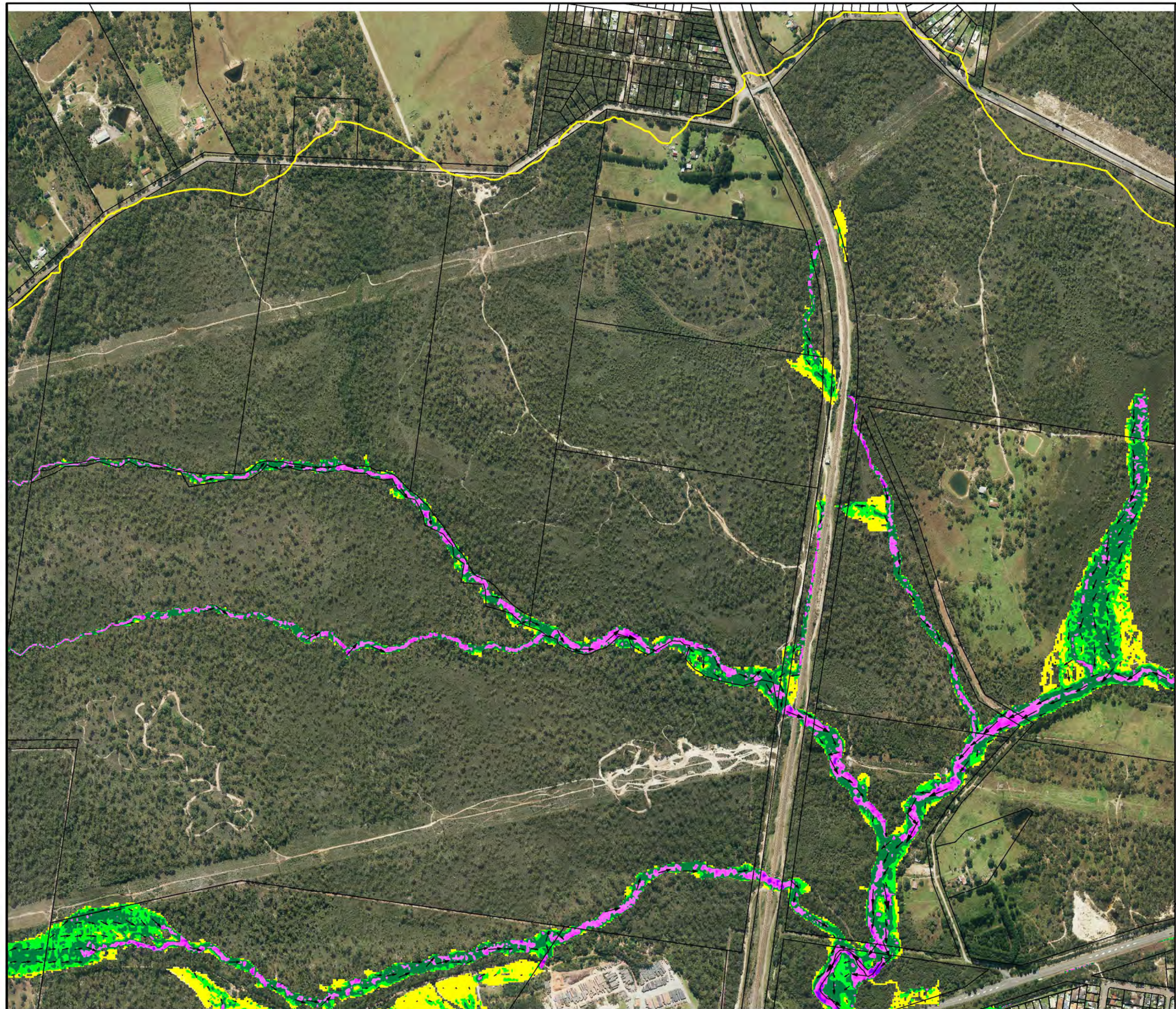
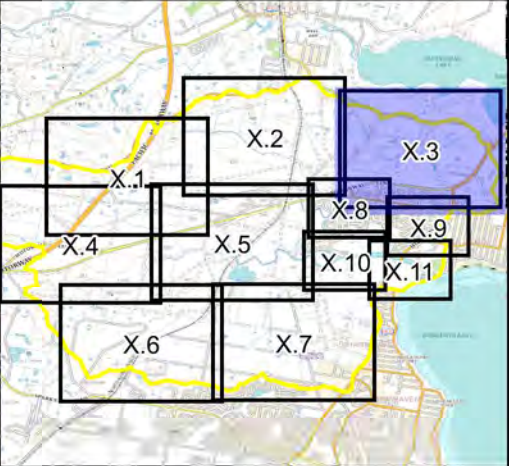


Figure 8.2:
Peak Floodwater
Velocities for the
20% AEP Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.2 - Peak Floodwater Velocities for the 20% AEP Flood.wor



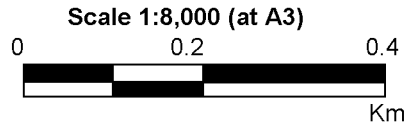
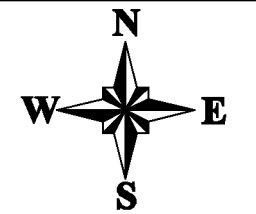


LEGEND


Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

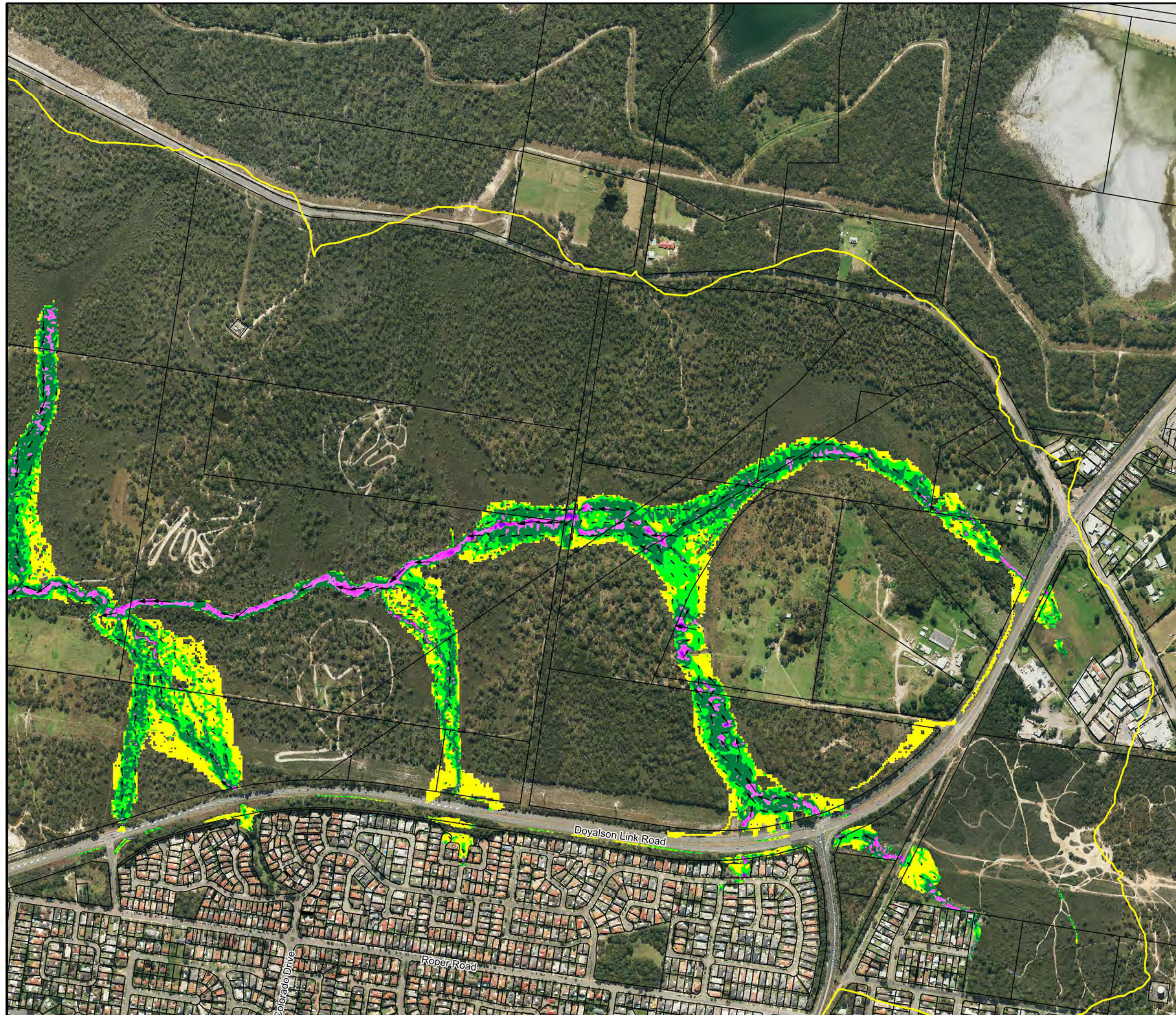
- 0.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

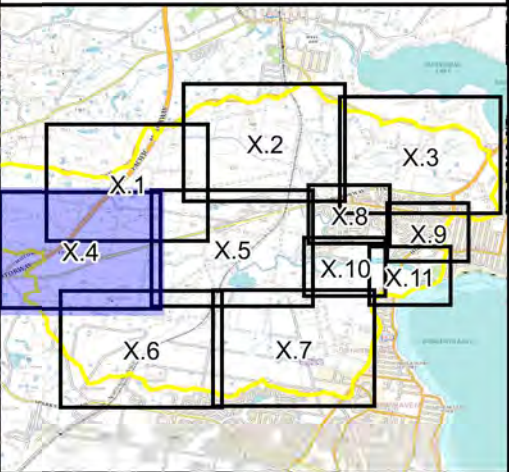
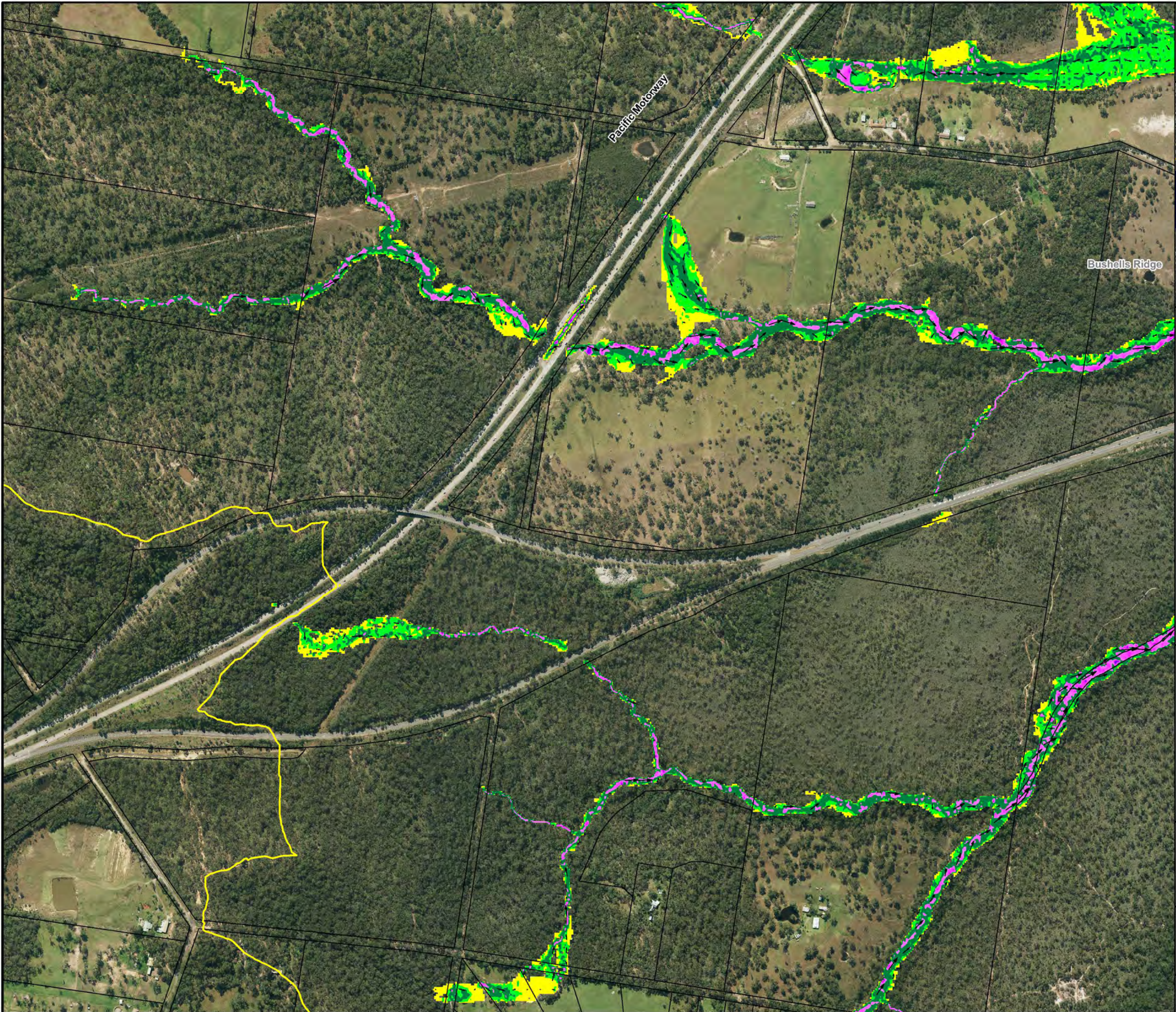


**Figure 8.3:
Peak Floodwater
Velocities for the
20% AEP Flood**

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 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.3 - Peak Floodwater Velocities for the 20% AEP Flood.wor





LEGEND

- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah
Creek Bridge Gauge (mAHd)

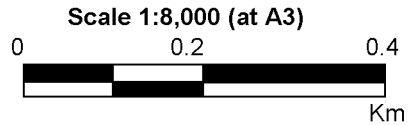
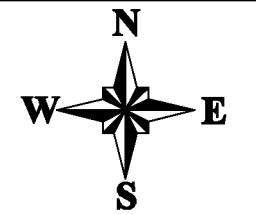
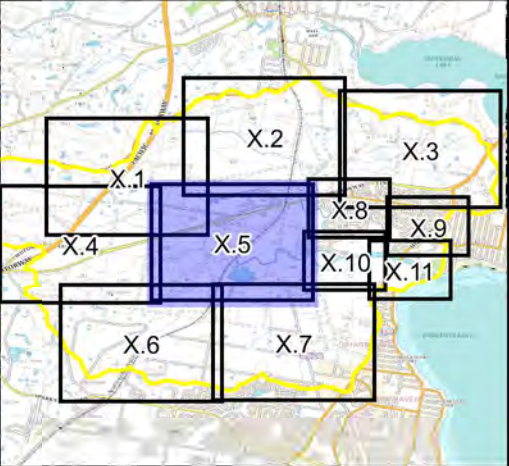
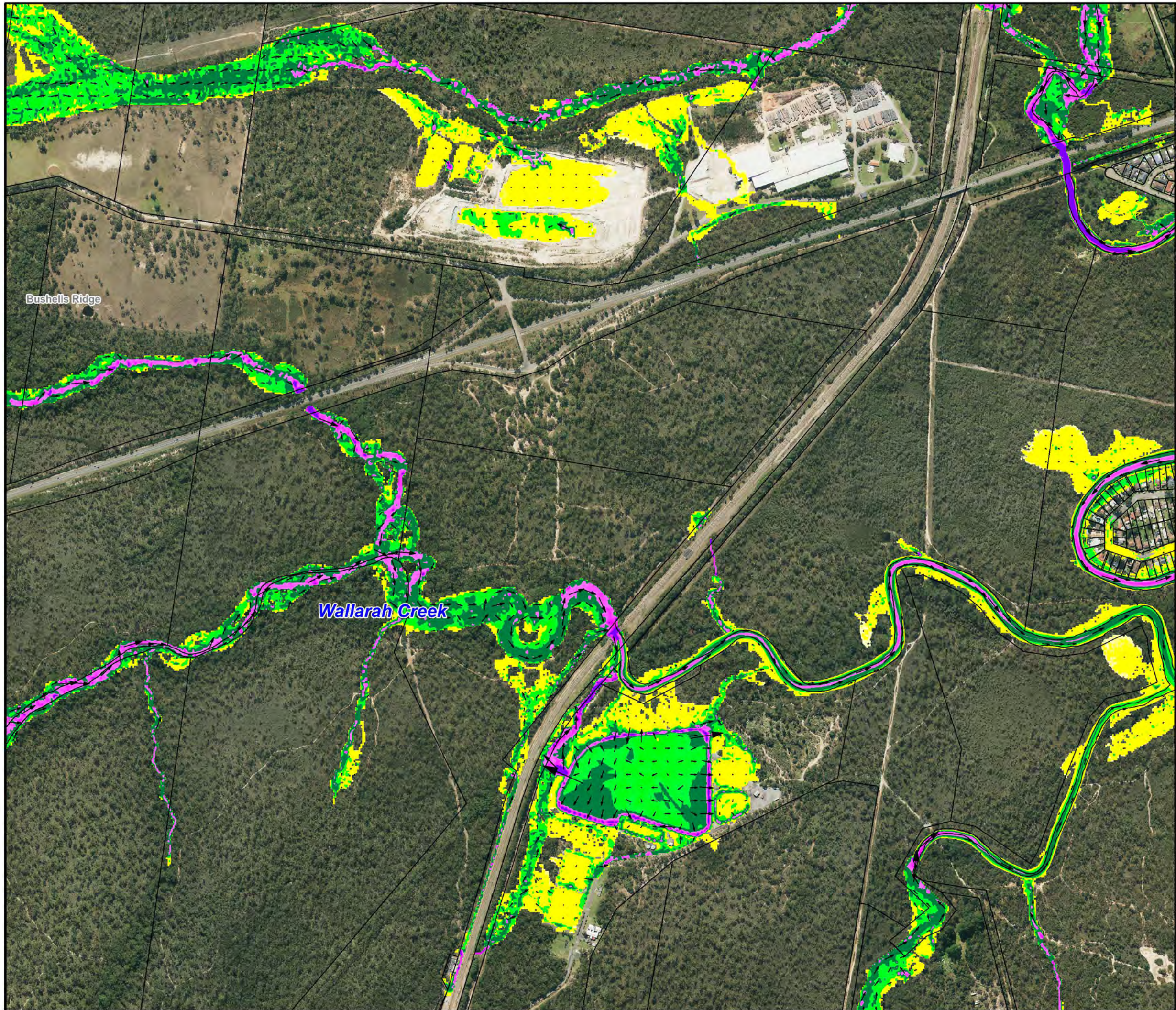


Figure 8.4:
Peak Floodwater
Velocities for the
20% AEP Flood

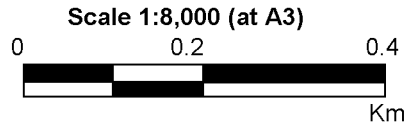
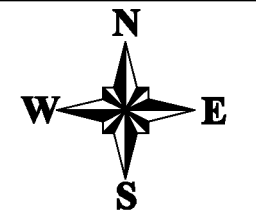
Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.4 - Peak Floodwater Velocities for the 20% AEP Flood.wor



LEGEND

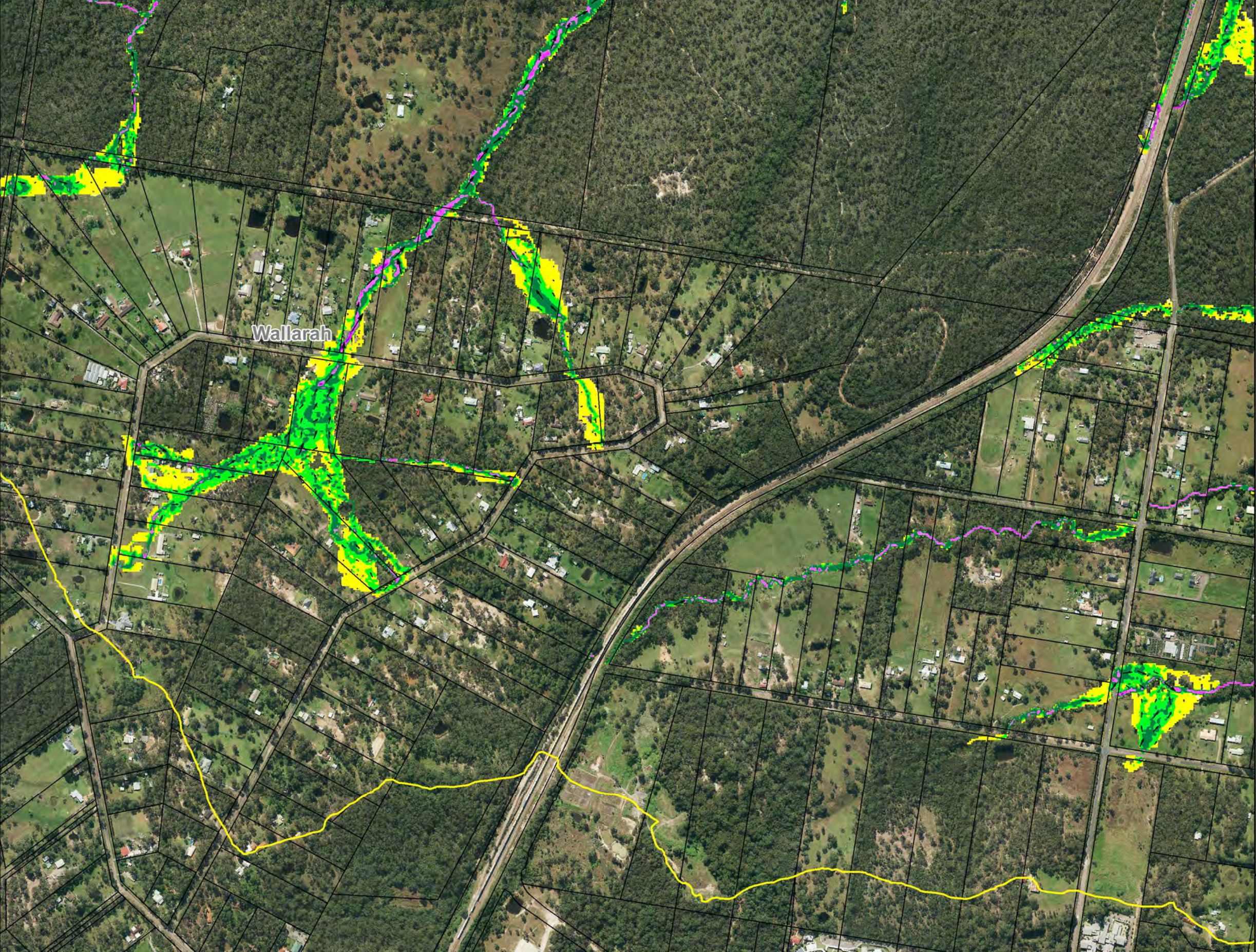
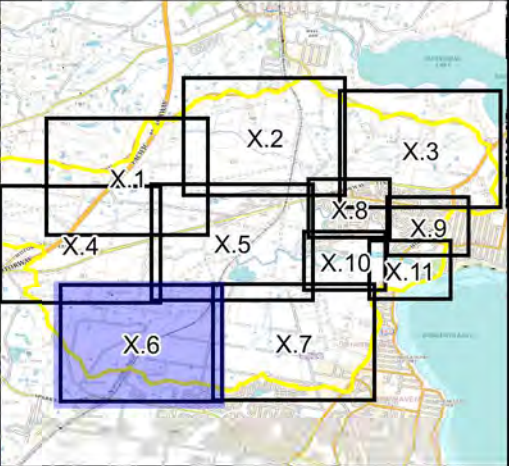
- Velocities (m/s)**
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah Creek Bridge Gauge (mAHd)



**Figure 8.5:
Peak Floodwater
Velocities for the
20% AEP Flood**

Prepared By:
Catchment Simulation Solutions
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 Sydney, NSW 2000

File Name: Fig8.5 - Peak Floodwater Velocities for the 20% AEP Flood.wor



LEGEND

- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah
Creek Bridge Gauge (mAHD)

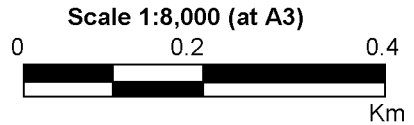
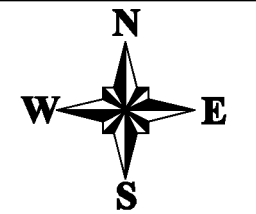

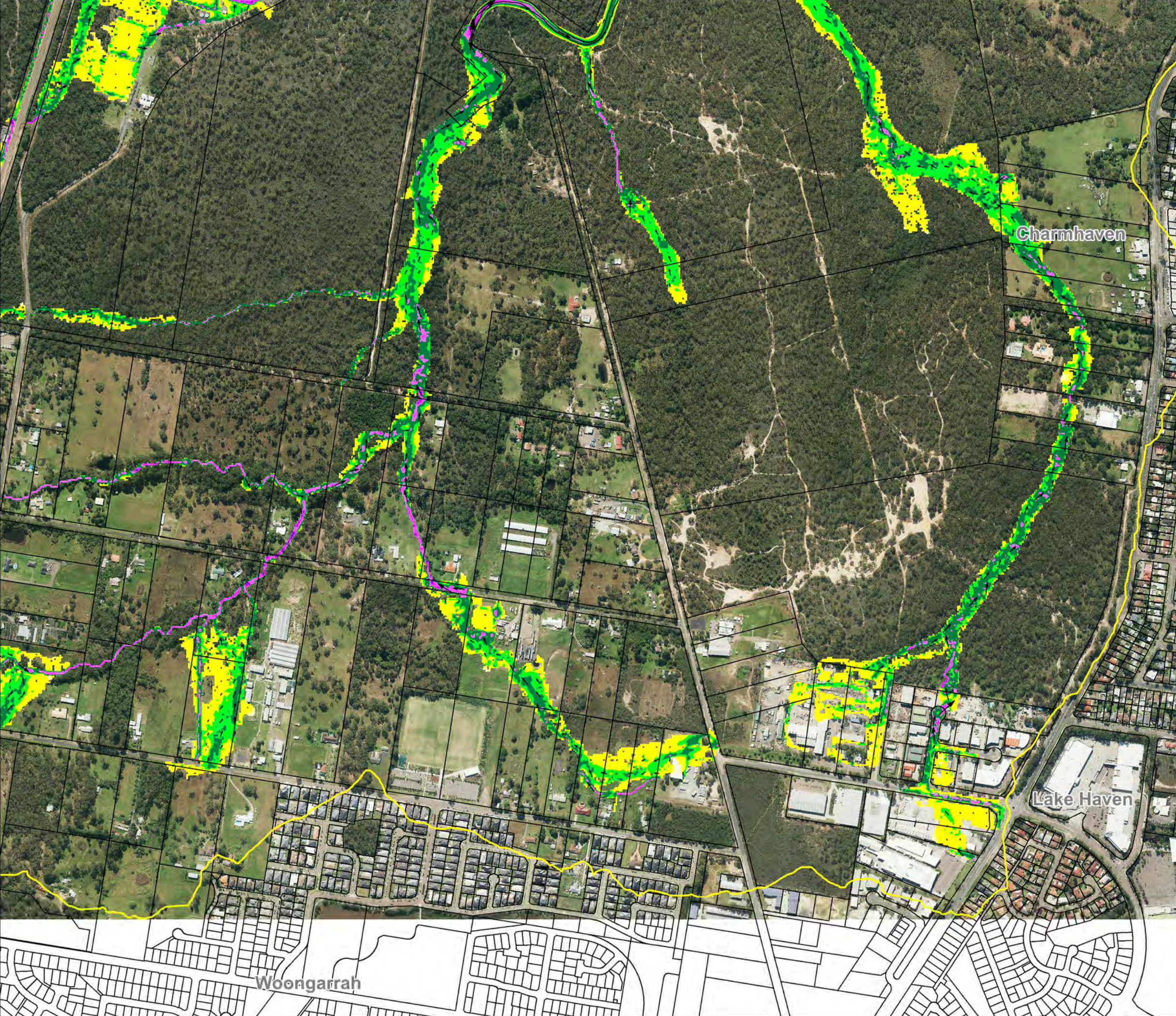
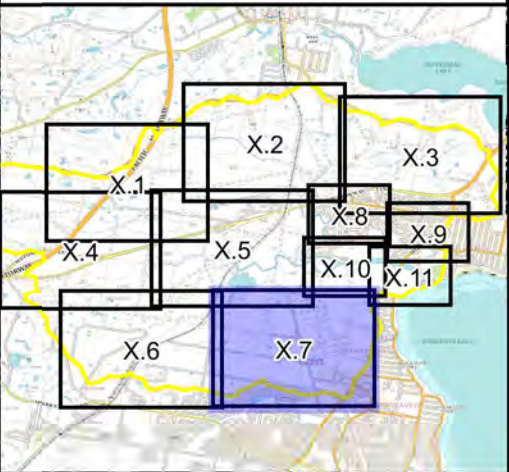


Figure 8.6:
Peak Floodwater
Velocities for the
20% AEP Flood

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 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.6 - Peak Floodwater Velocities for the 20% AEP Flood.wor



LEGEND

- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah
Creek Bridge Gauge (mAHd)

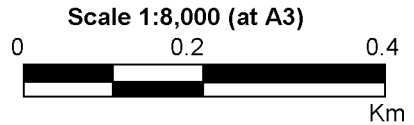
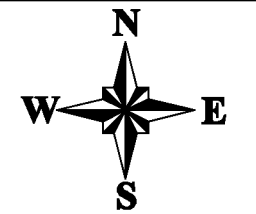

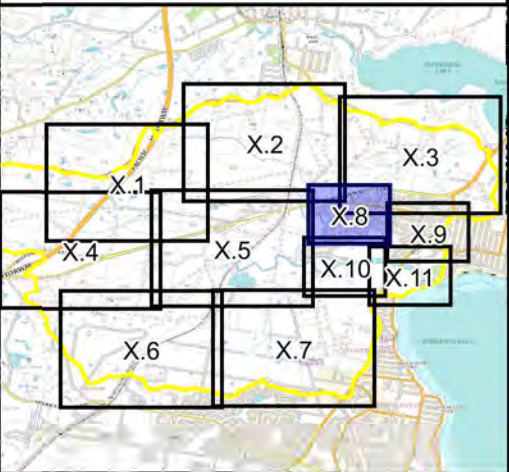


Figure 8.7:
Peak Floodwater Velocities for the 20% AEP Flood

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 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.7 - Peak Floodwater Velocities for the 20% AEP Flood.wor

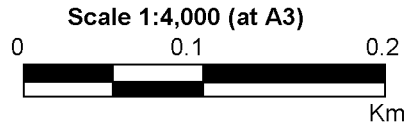
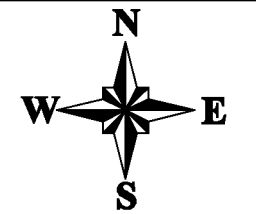


LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

- 0.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

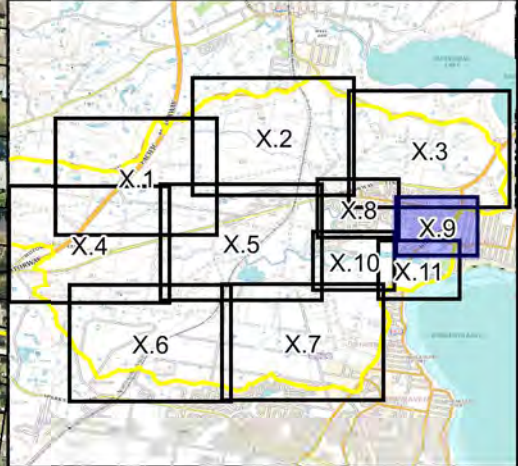


**Figure 8.8:
Peak Floodwater
Velocities for the
20% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

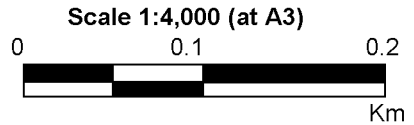
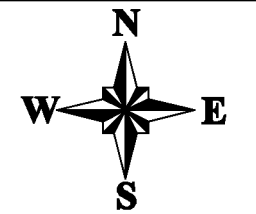
File Name: Fig8.8 - Peak Floodwater Velocities for the 20% AEP Flood.wor





LEGEND

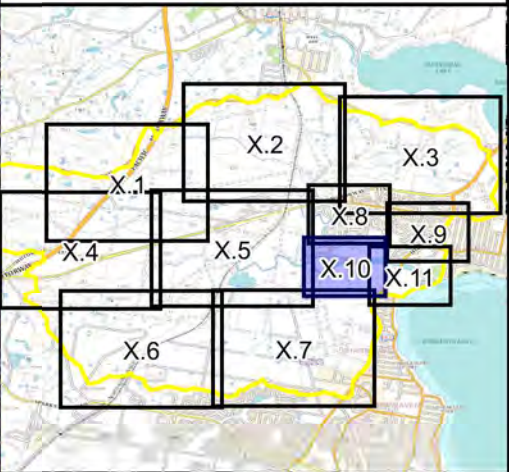
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah
Creek Bridge Gauge (mAHd)



**Figure 8.9:
Peak Floodwater
Velocities for the
20% AEP Flood**

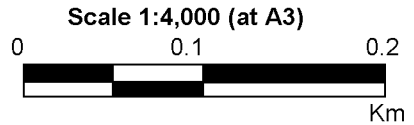
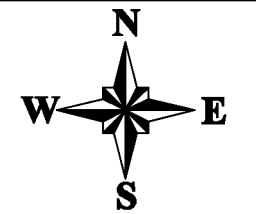
Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.9 - Peak Floodwater Velocities for the 20% AEP Flood.wor




LEGEND

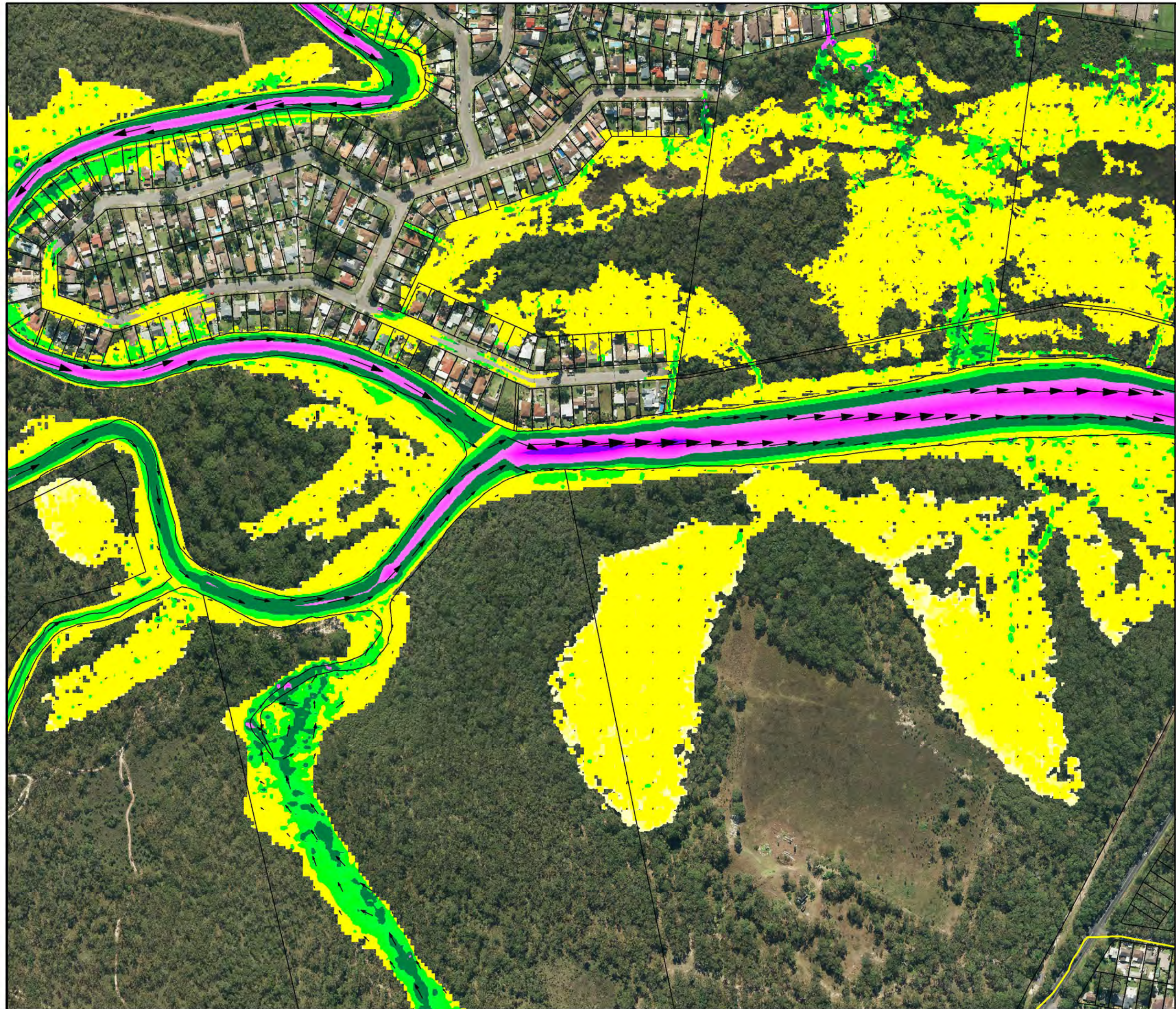
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah
Creek Bridge Gauge (mAHD)

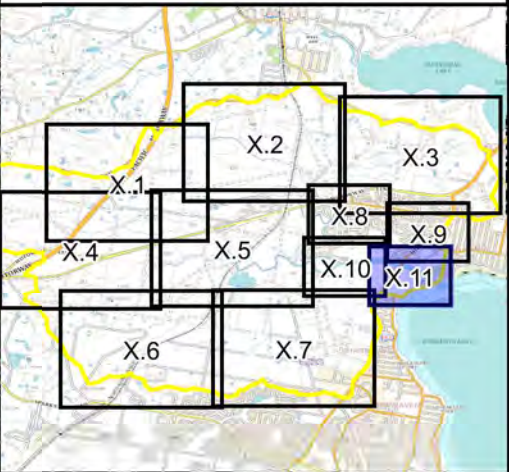


**Figure 8.10:
Peak Floodwater
Velocities for the
20% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

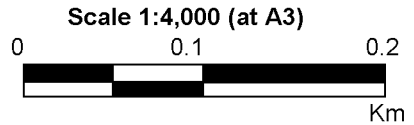
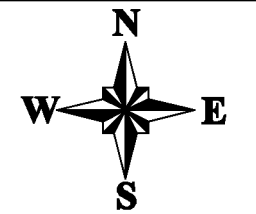
File Name: Fig8.10 - Peak Floodwater Velocities for the 20% AEP Flood.wor






LEGEND

- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 0.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)

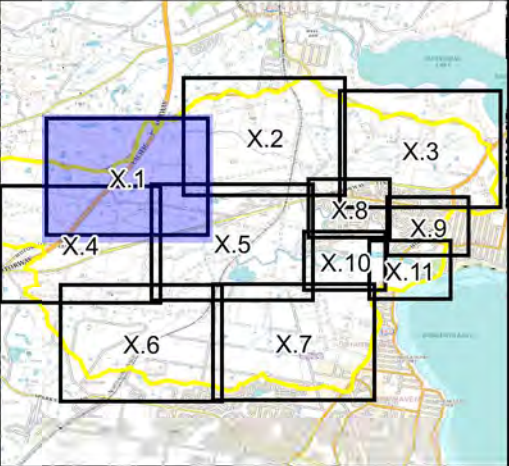


**Figure 8.11:
Peak Floodwater
Velocities for the
20% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig8.11 - Peak Floodwater Velocities for the 20% AEP Flood.wor



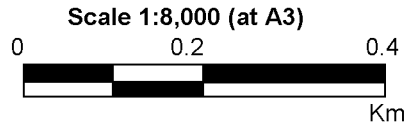
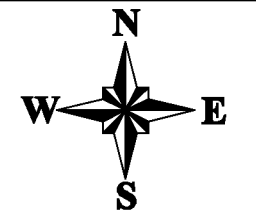


LEGEND


Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

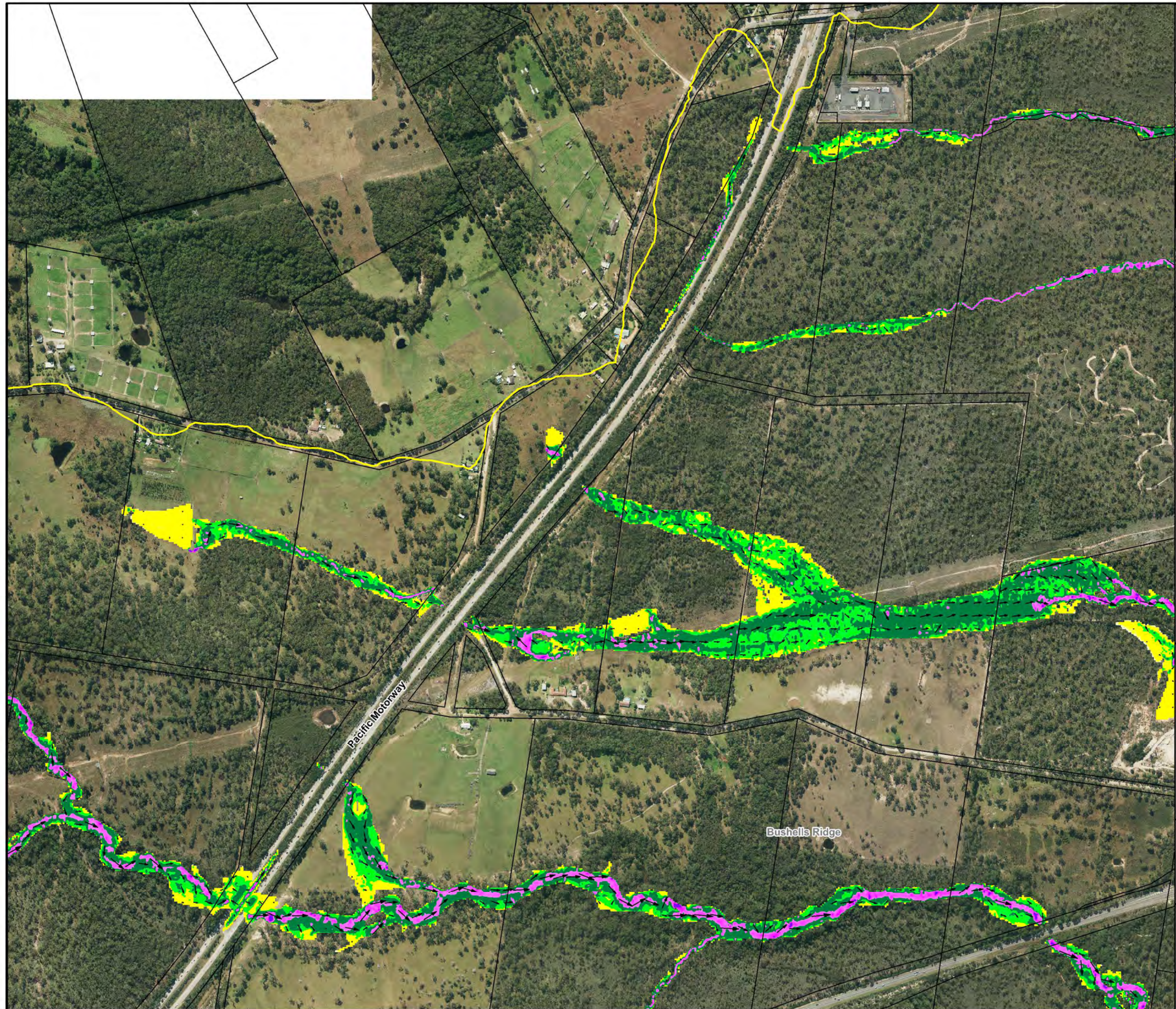
- 1.19 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

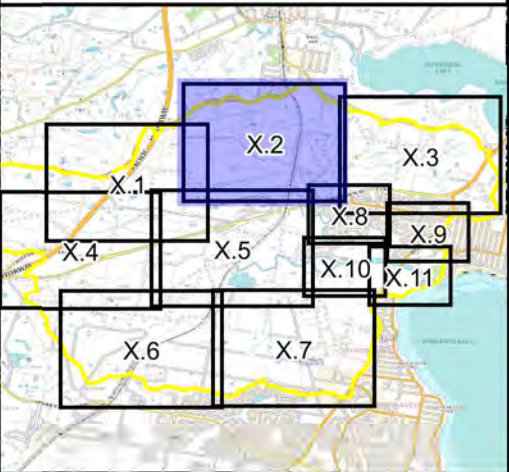


**Figure 9.1:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.1 - Peak Floodwater Velocities for the 5% AEP Flood.wor




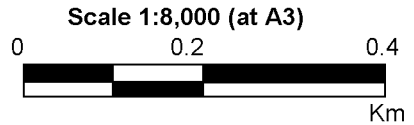
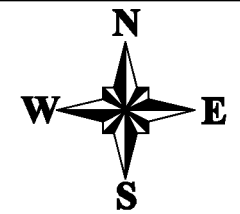


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

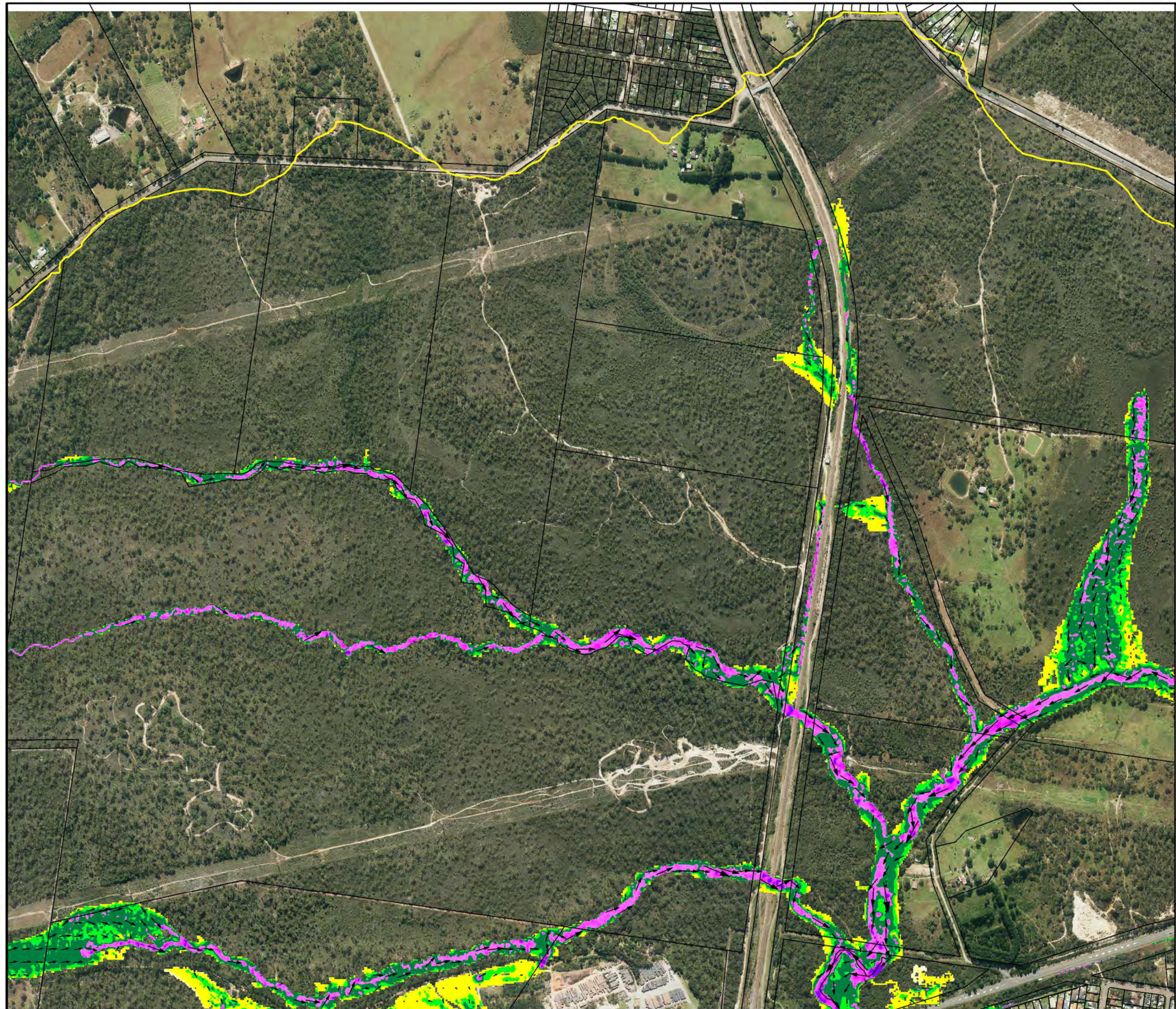
- 1.19** Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

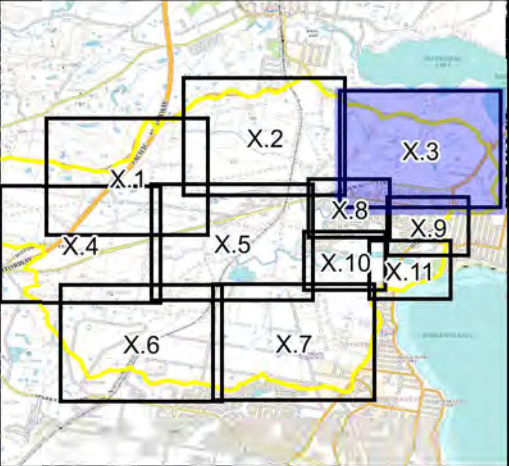


**Figure 9.2:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.2 - Peak Floodwater Velocities for the 5% AEP Flood.wor




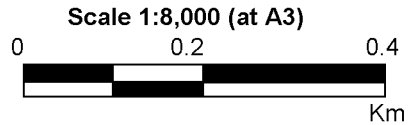
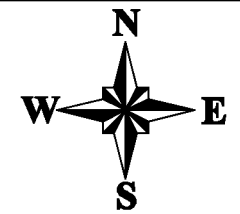


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

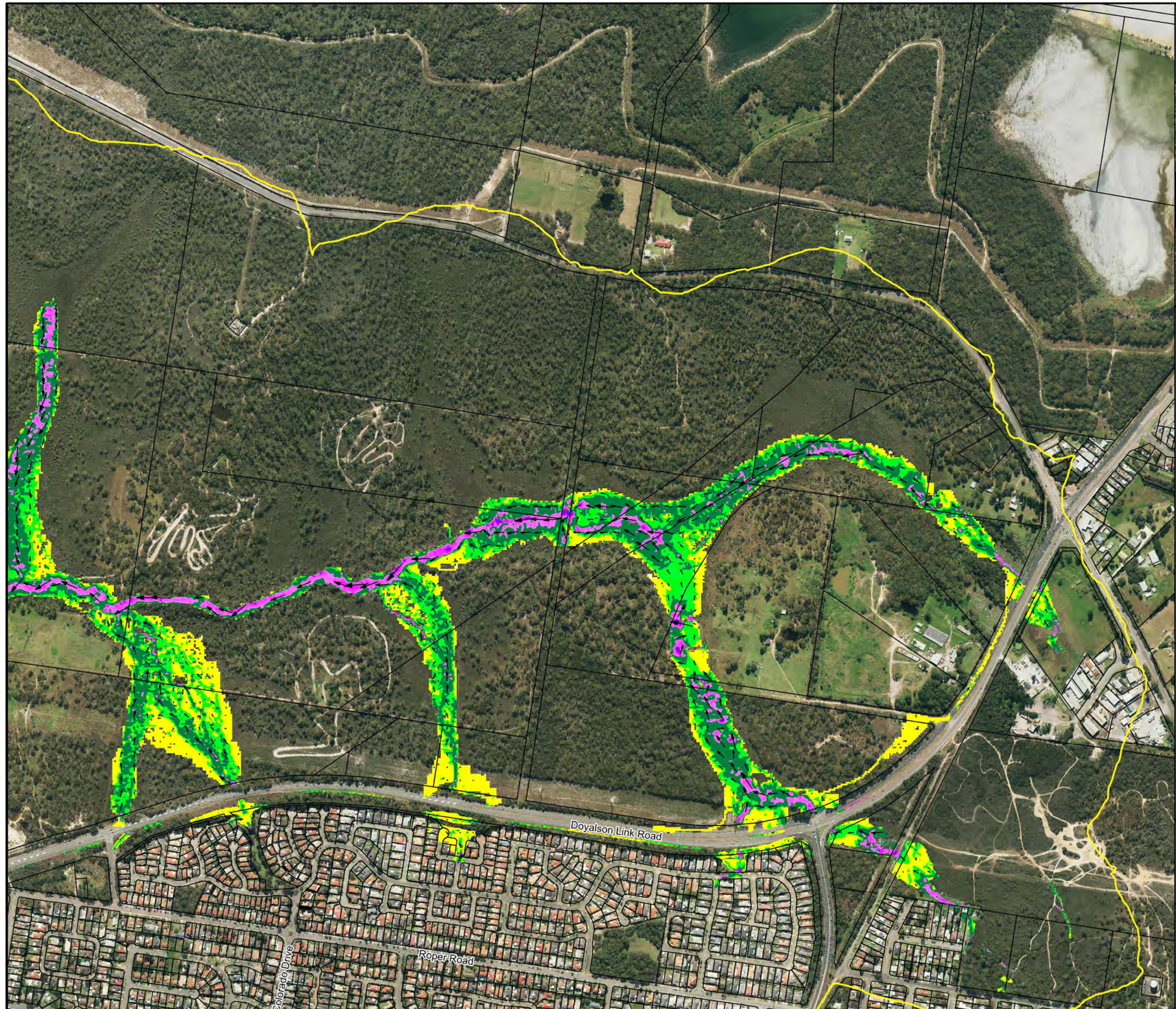
- 1.19** Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

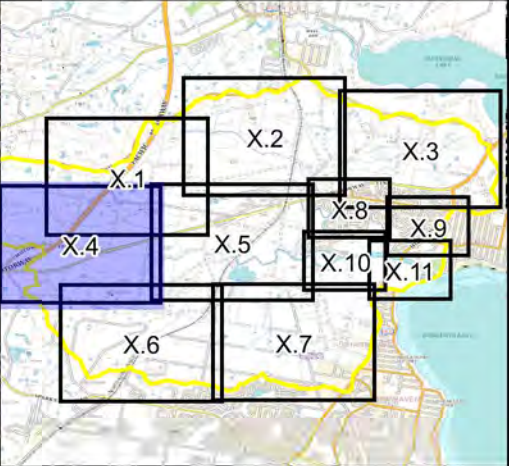
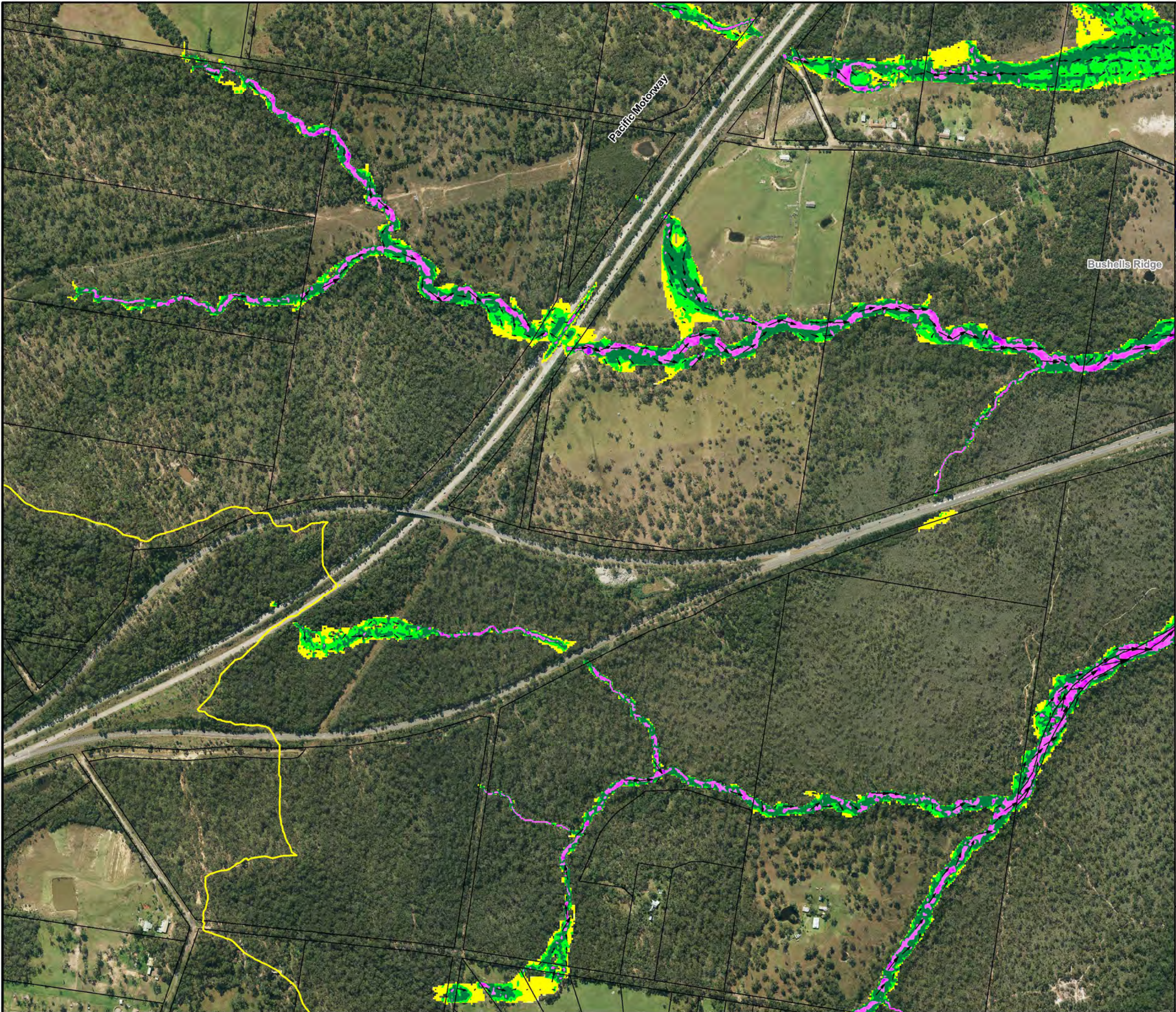


**Figure 9.3:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.3 - Peak Floodwater Velocities for the 5% AEP Flood.wor



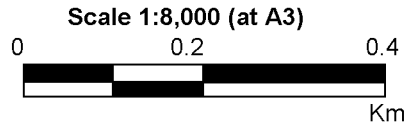
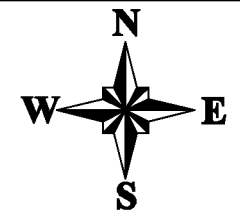


LEGEND


Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

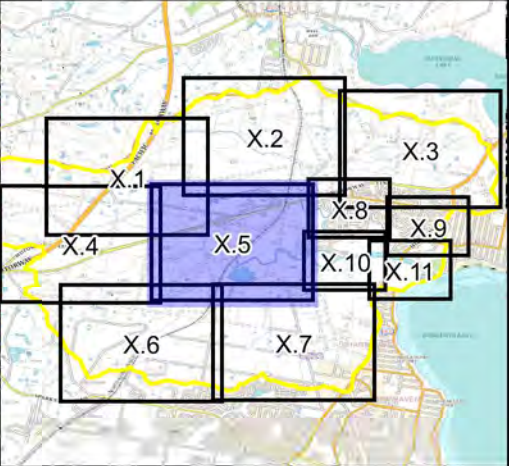
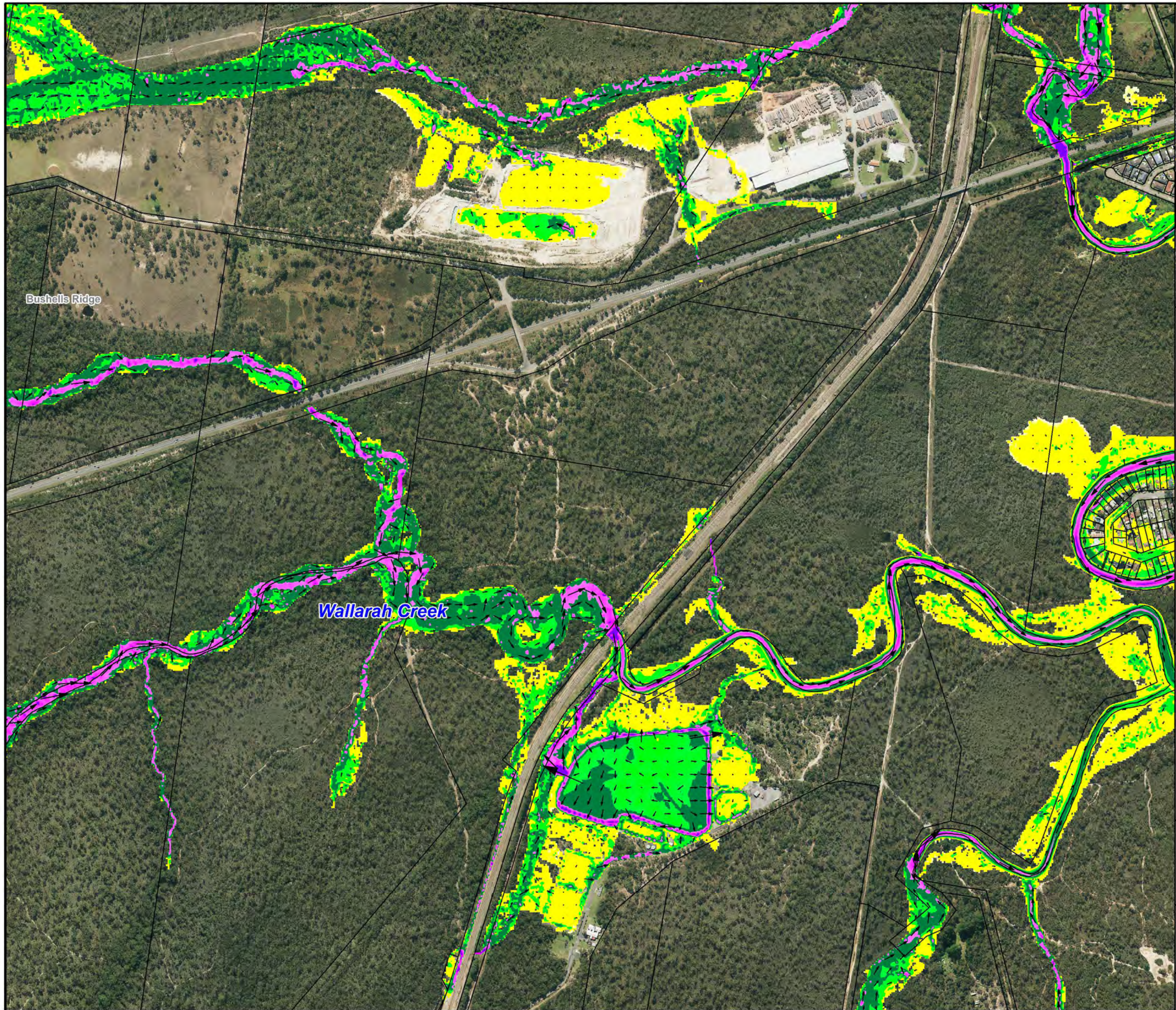
1.19 Water Level at Wallarah
Creek Bridge Gauge (mAHd)



**Figure 9.4:
Peak Floodwater
Velocities for the
5% AEP Flood**

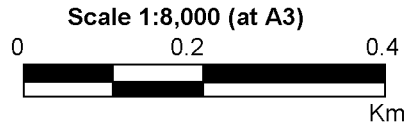
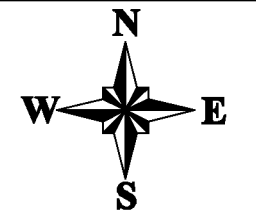
Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig9.4 - Peak Floodwater Velocities for the 5% AEP Flood.wor



LEGEND

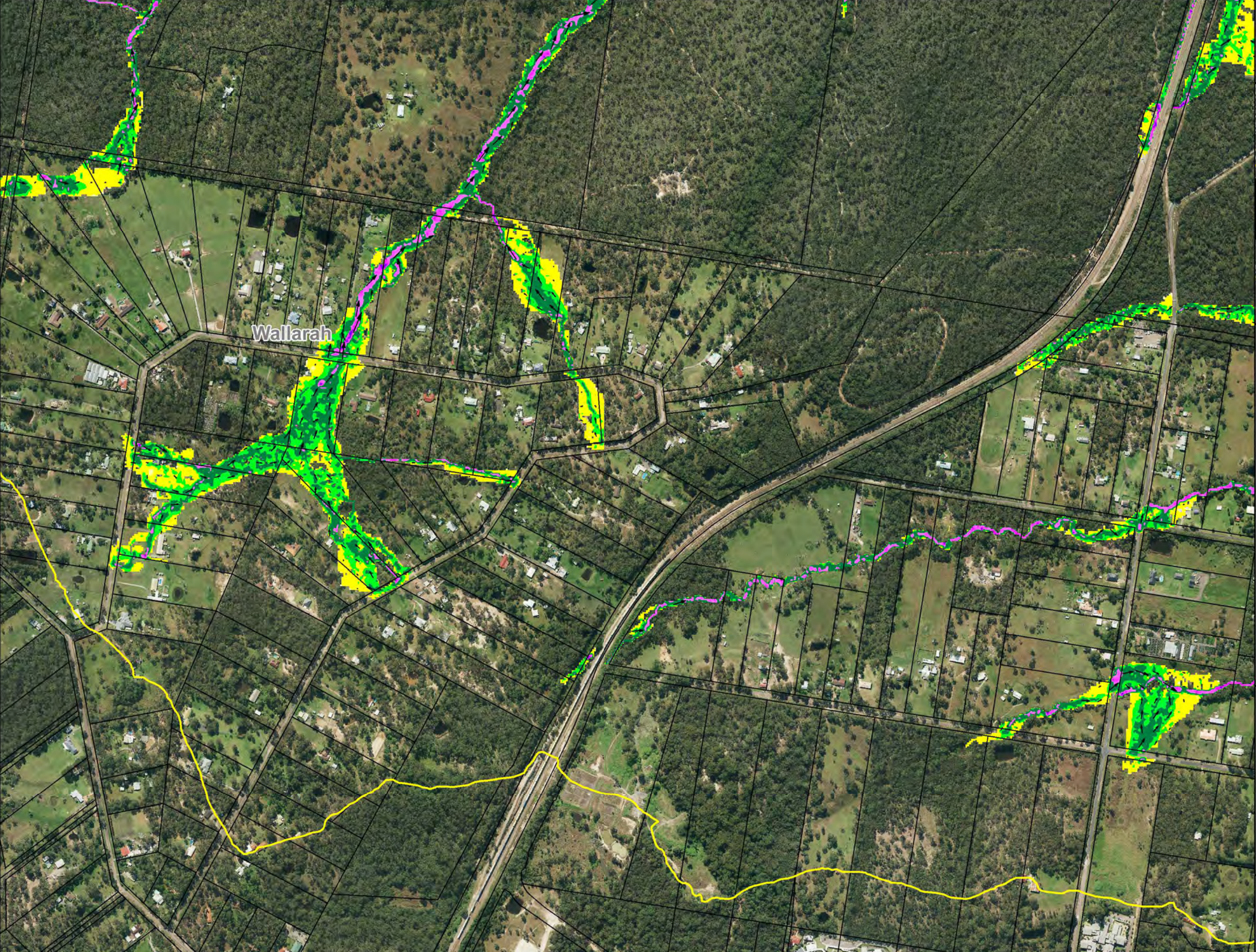
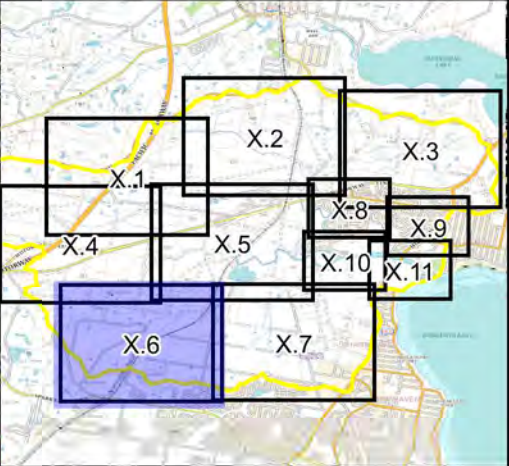
- Velocities (m/s)
- <math>< 0.25</math>
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 1.19 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 9.5:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
Catchment Simulation Solutions
 Suite 2.01, 210 George St
 Sydney, NSW 2000

File Name: Fig9.5 - Peak Floodwater Velocities for the 5% AEP Flood.wor

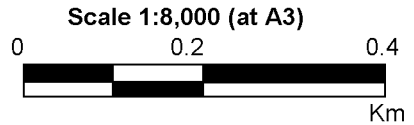
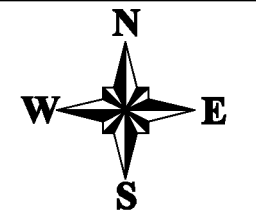


LEGEND


Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

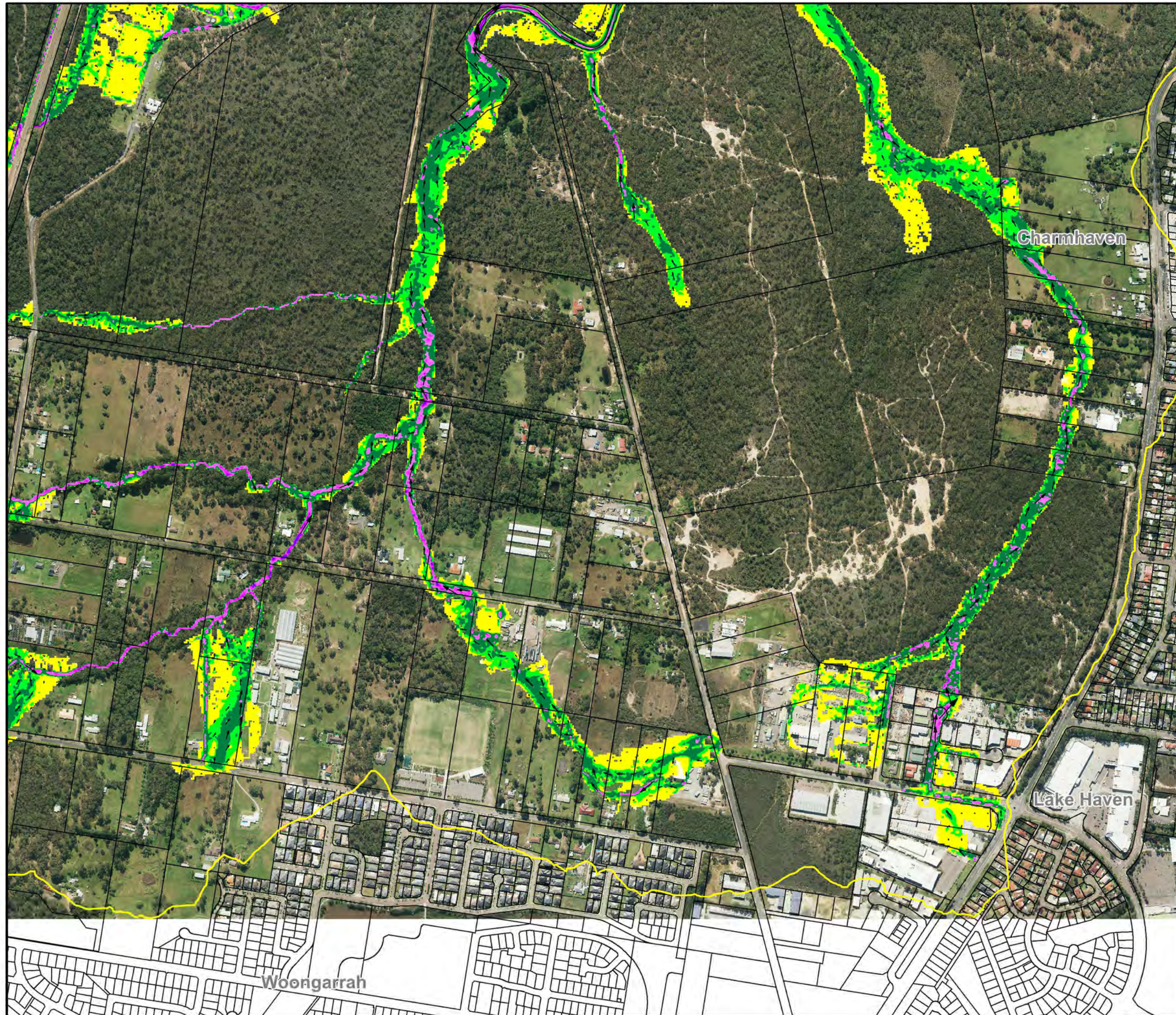
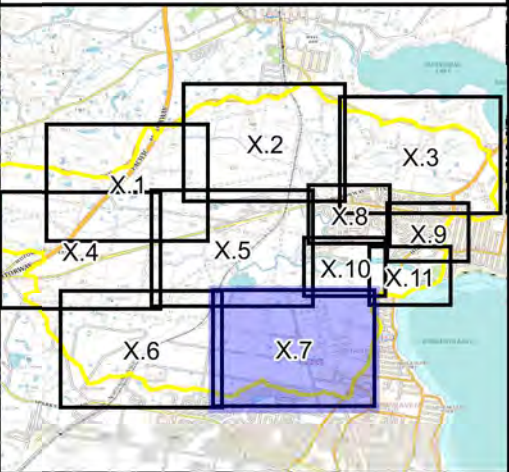
1.19 Water Level at Wallarah
Creek Bridge Gauge (mAHD)



**Figure 9.6:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000



File Name: Fig9.6 - Peak Floodwater Velocities for the 5% AEP Flood.wor

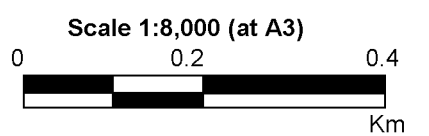
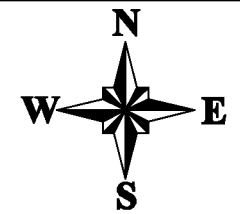


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

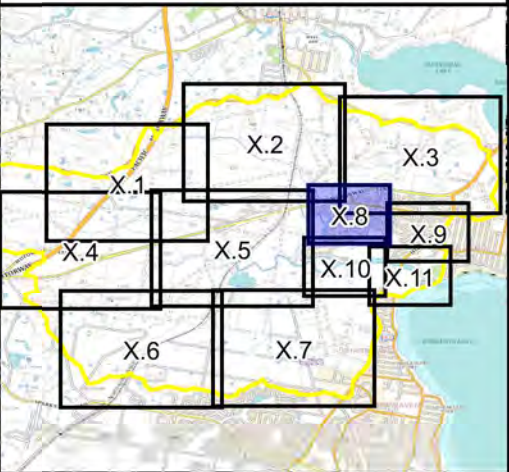
-  1.19 Water Level at Wallarah
-  Creek Bridge Gauge (mAHd)



**Figure 9.7:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000



File Name: Fig9.7 - Peak Floodwater Velocities for the 5% AEP Flood.wor

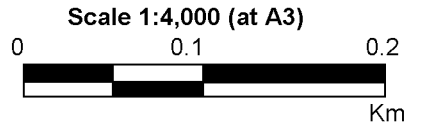
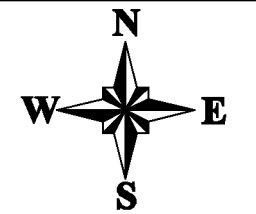


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

-  1.19 Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

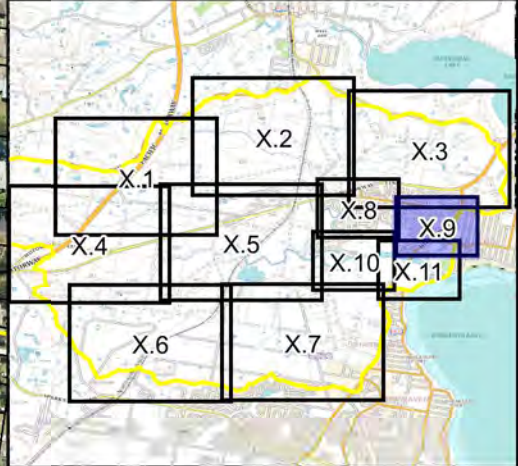


**Figure 9.8:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

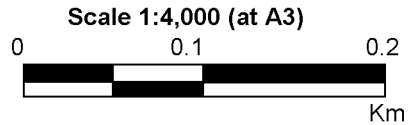
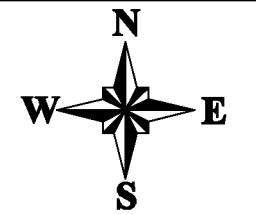
File Name: Fig9.8 - Peak Floodwater Velocities for the 5% AEP Flood.wor





LEGEND

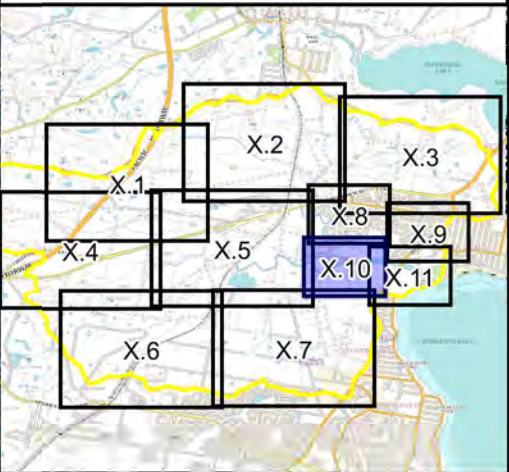
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 1.19 Water Level at Wallarah
- █ Creek Bridge Gauge (mAHD)



**Figure 9.9:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000



File Name: Fig9.9 - Peak Floodwater Velocities for the 5% AEP Flood.wor

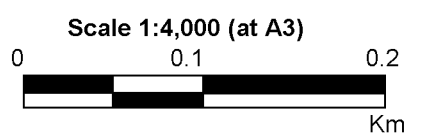
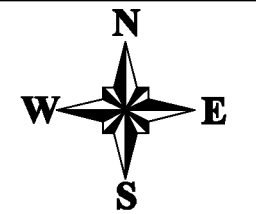


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

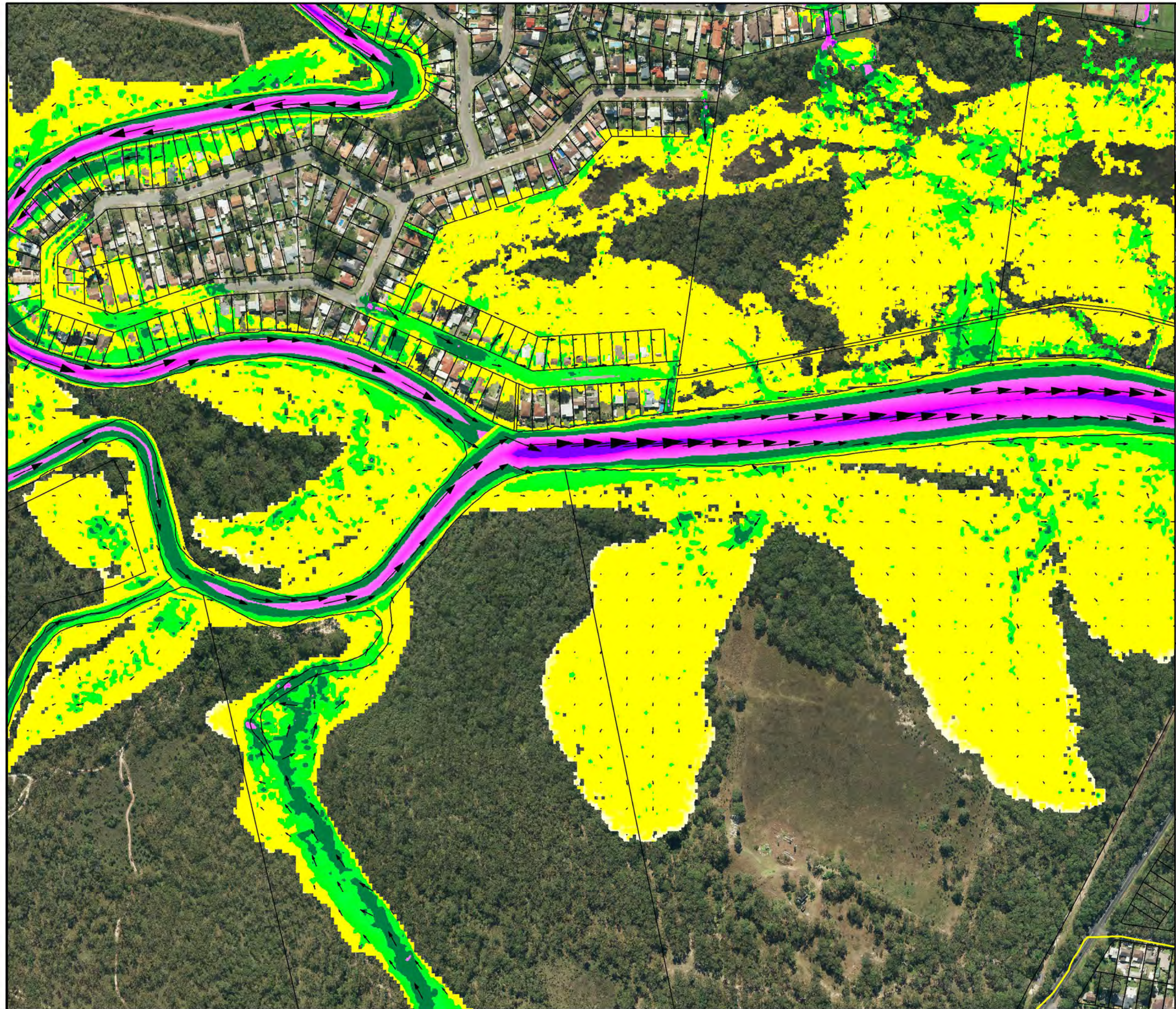
-  1.19 Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

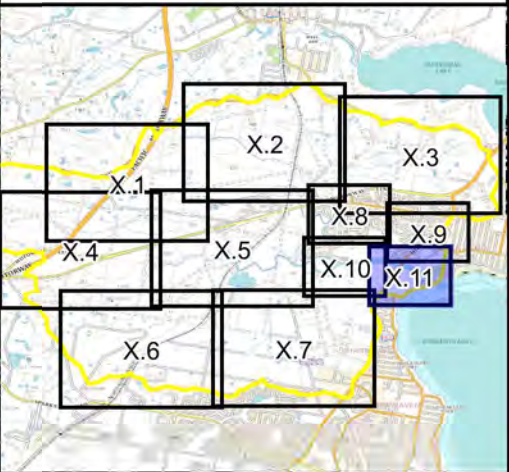


**Figure 9.10:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

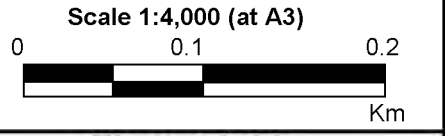
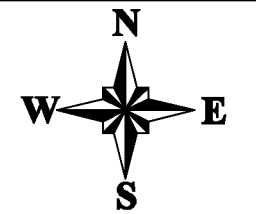
File Name: Fig9.10 - Peak Floodwater Velocities for the 5% AEP Flood.wor






LEGEND

- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 1.19 Water Level at Wallarah
Creek Bridge Gauge (mAHD)

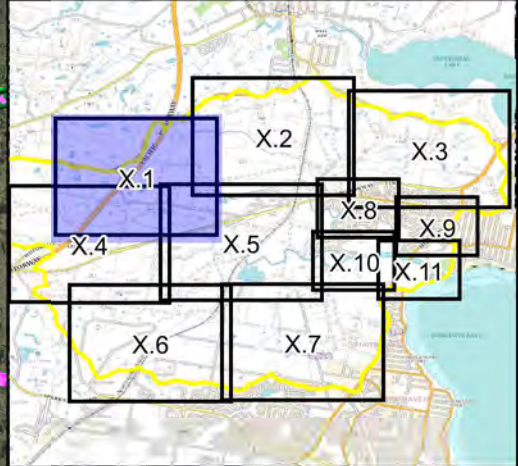
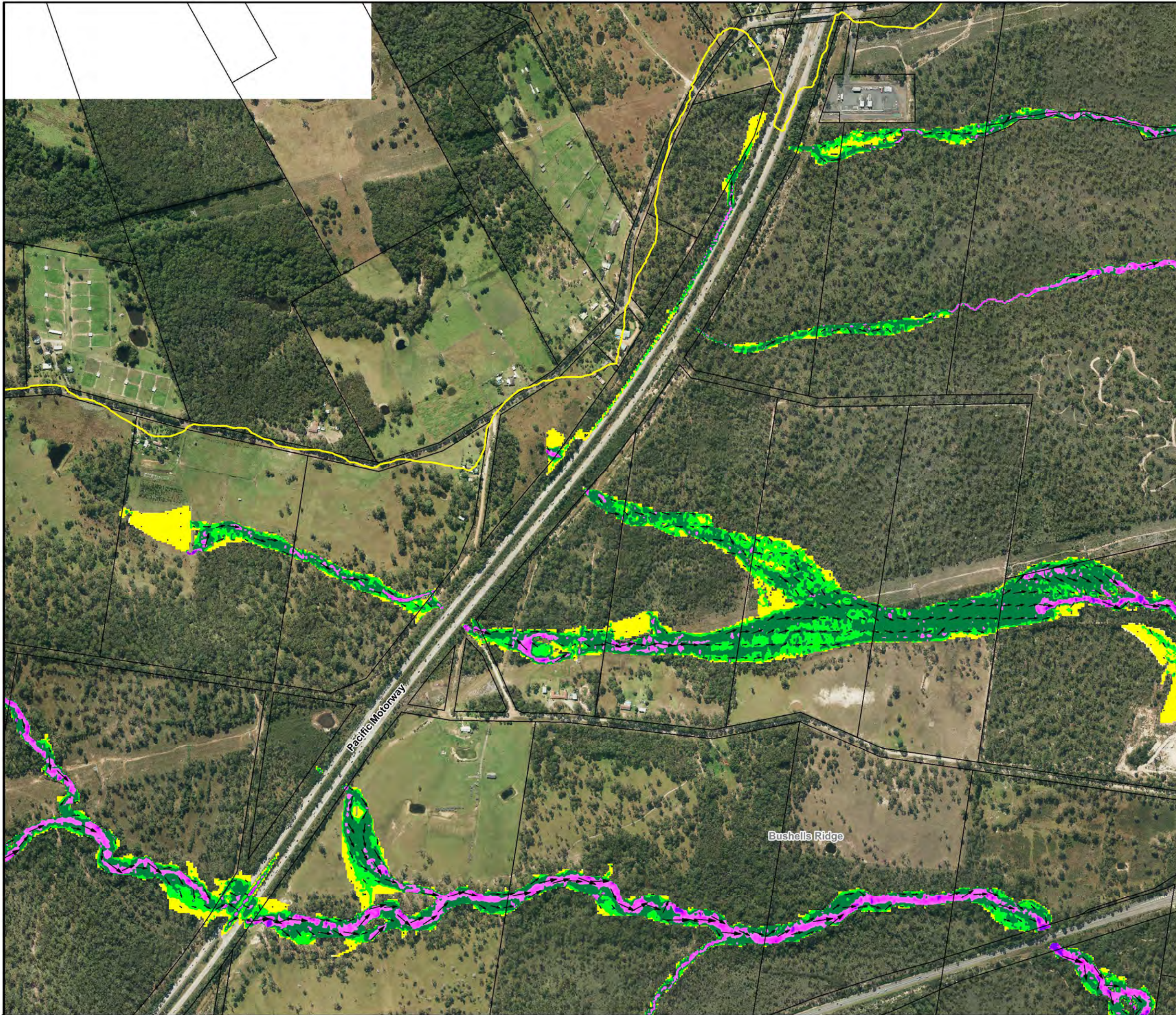


**Figure 9.11:
Peak Floodwater
Velocities for the
5% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

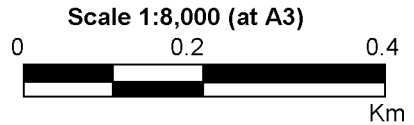
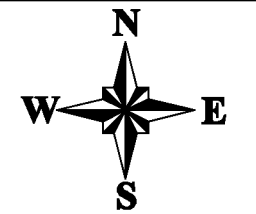
File Name: Fig9.11 - Peak Floodwater Velocities for the 5% AEP Flood.wor





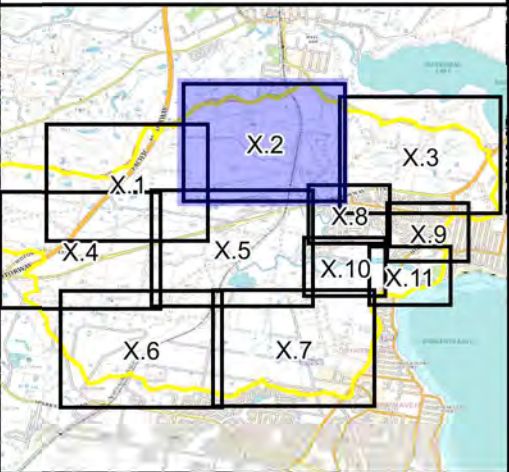
LEGEND

- Velocities (m/s)**
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 1.42 Water Level at Wallarah
■ Creek Bridge Gauge (mAHD)



**Figure 10.1:
Peak Floodwater
Velocities for the
1% AEP Flood**


Prepared By:
Catchment Simulation Solutions
 Suite 2.01, 210 George St
 Sydney, NSW 2000

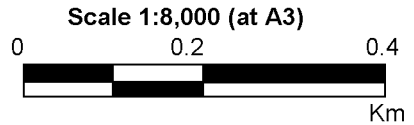
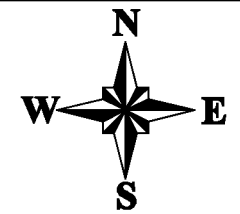


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

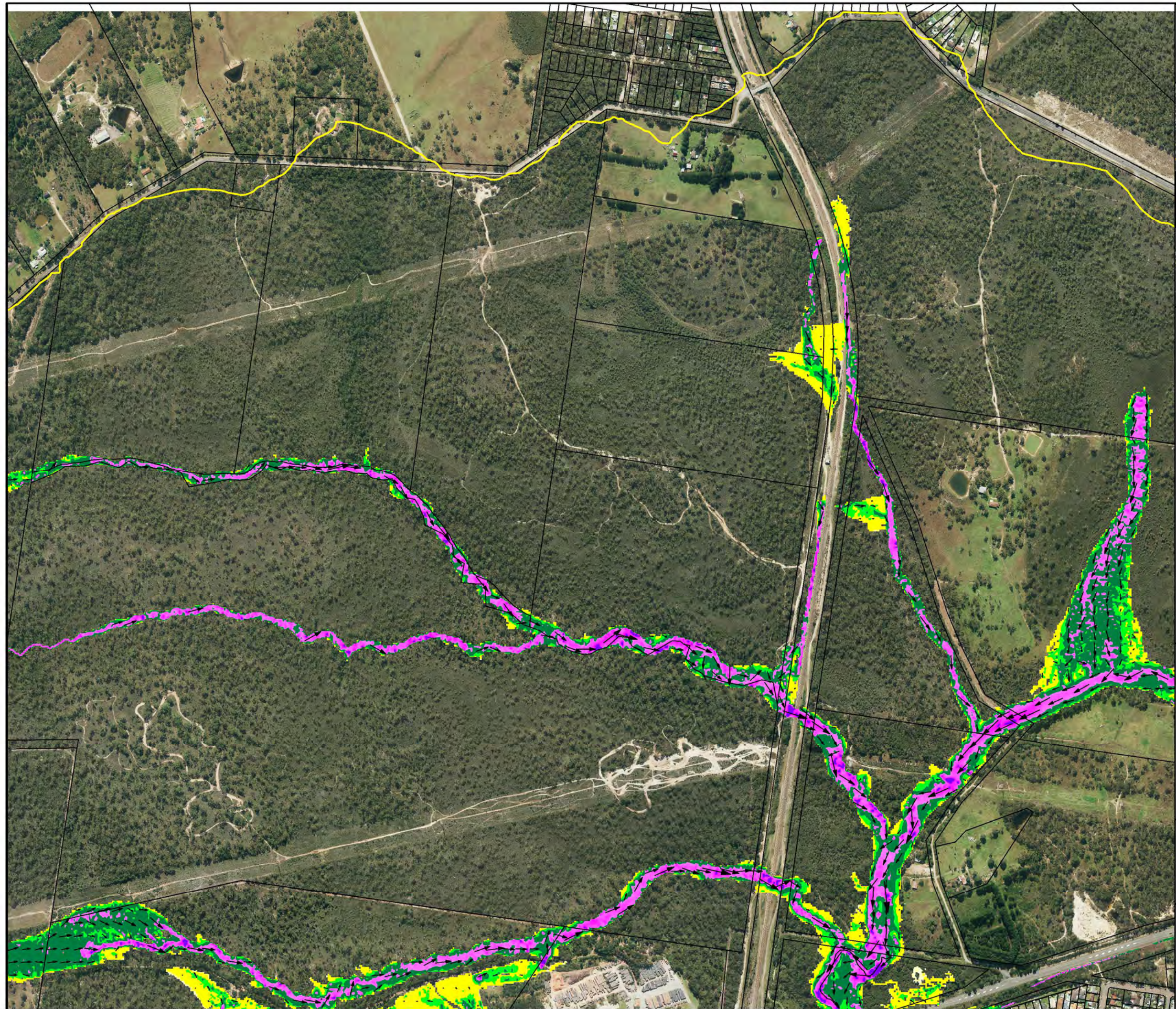
1.42 Water Level at Wallarah
 Creek Bridge Gauge (mAHD)

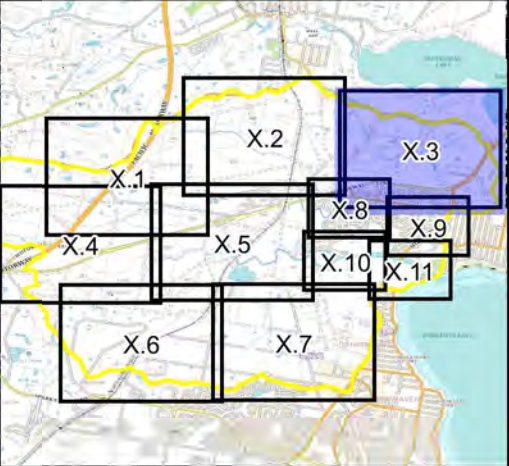


**Figure 10.2:
Peak Floodwater
Velocities for the
1% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.2 - Peak Floodwater Velocities for the 1% AEP Flood.wor



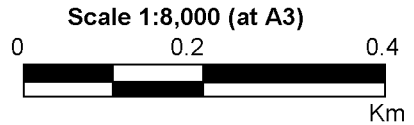
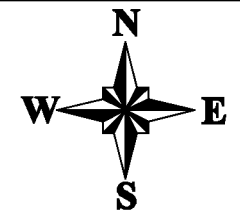


LEGEND


Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

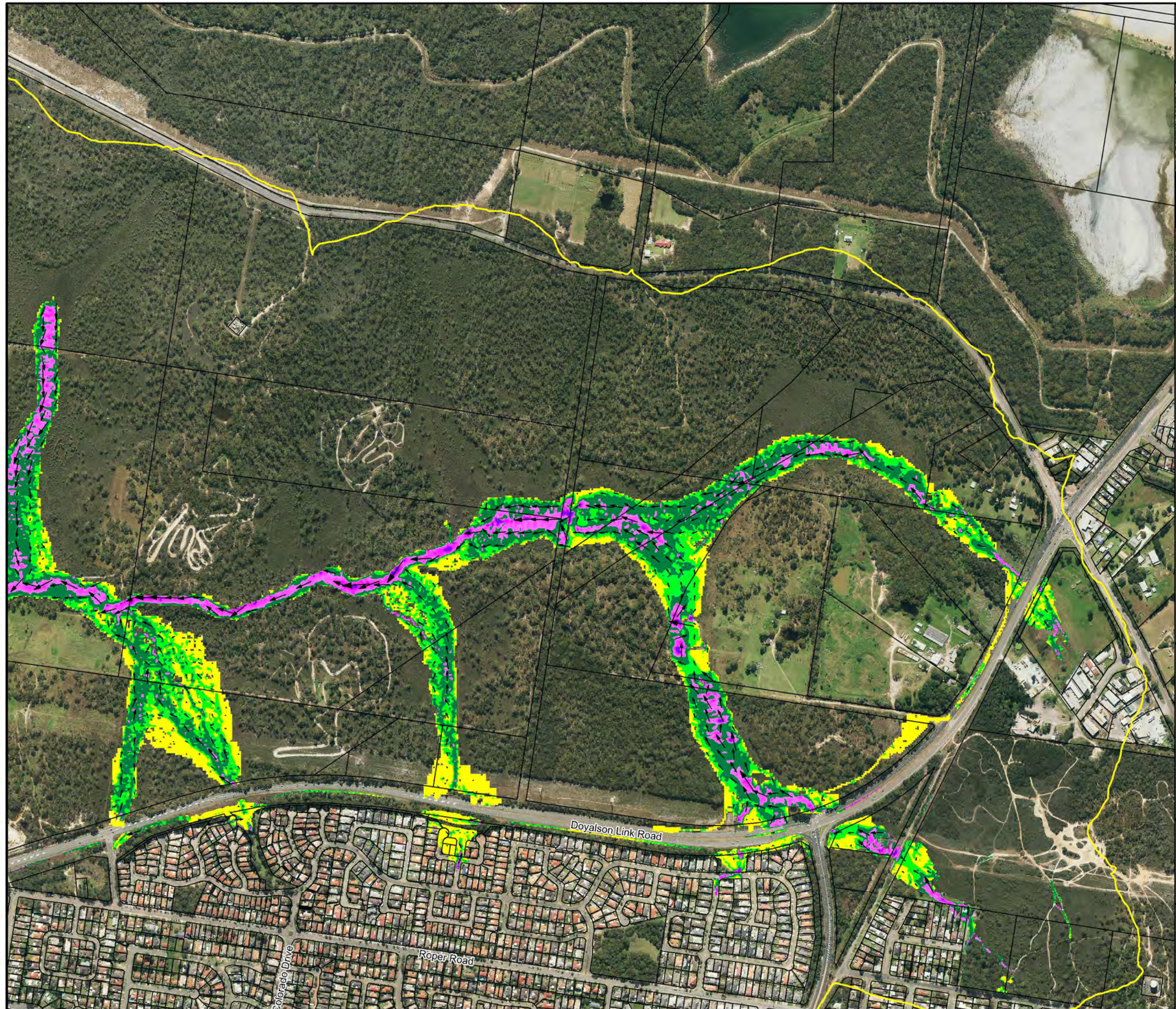
1.42 Water Level at Wallarah
■ Creek Bridge Gauge (mAHD)

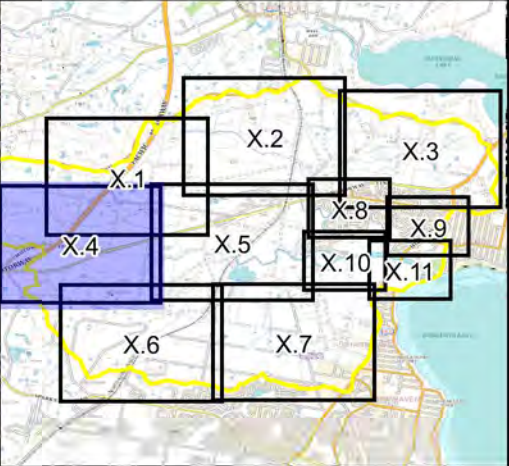
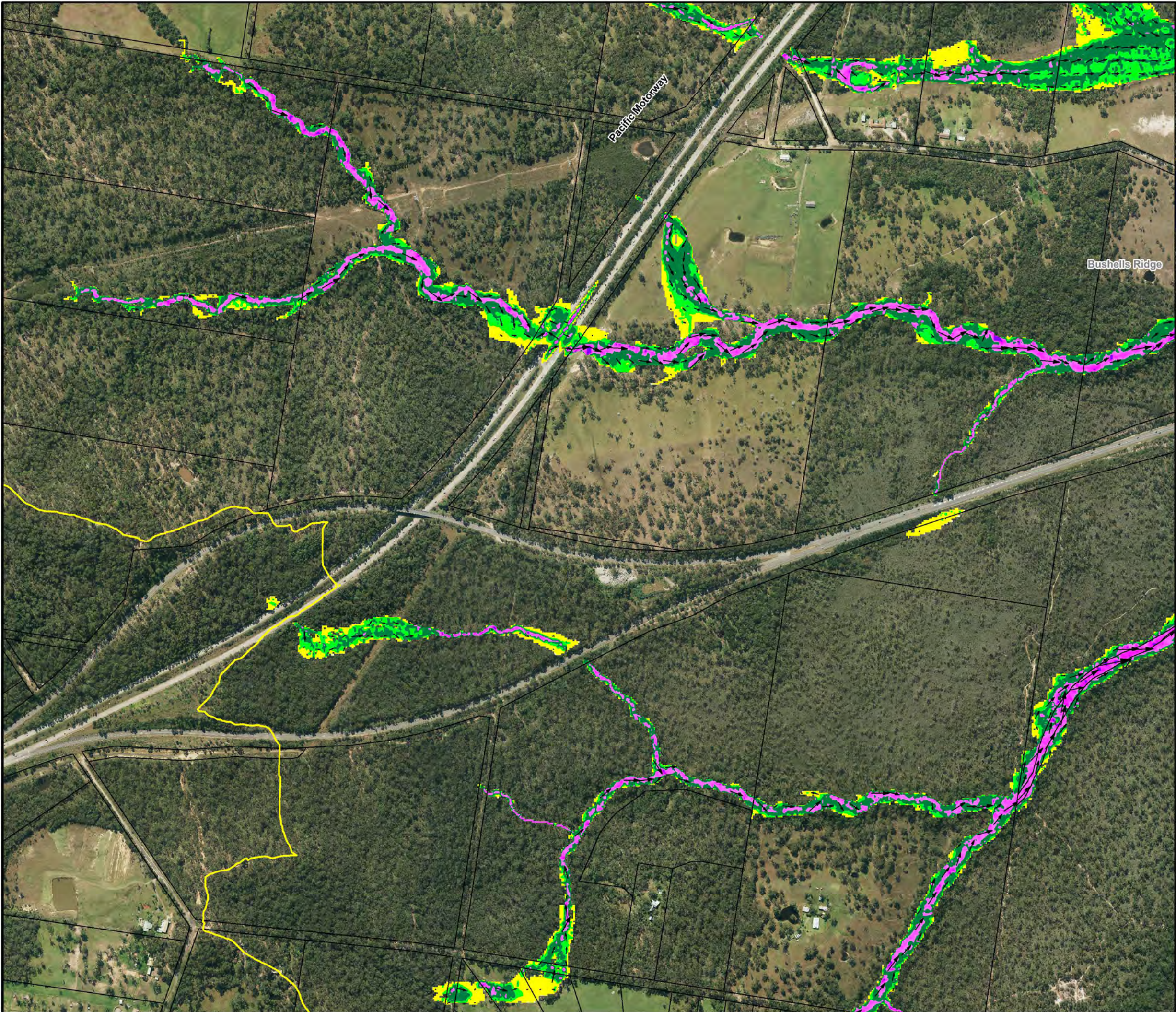


**Figure 10.3:
Peak Floodwater
Velocities for the
1% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.3 - Peak Floodwater Velocities for the 1% AEP Flood.wor




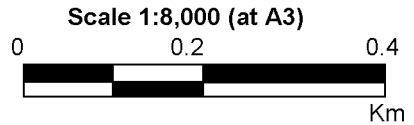
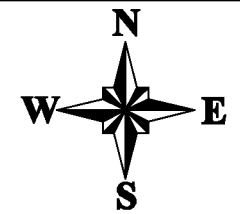


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

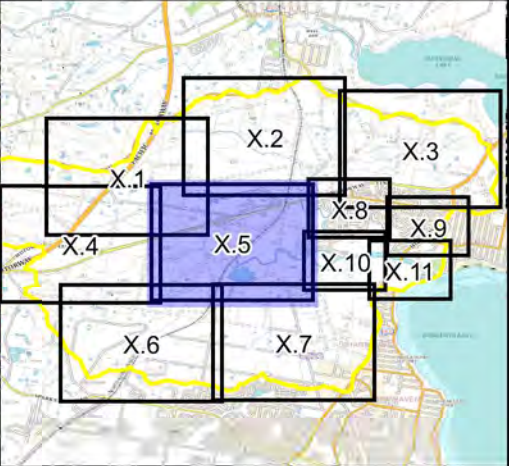
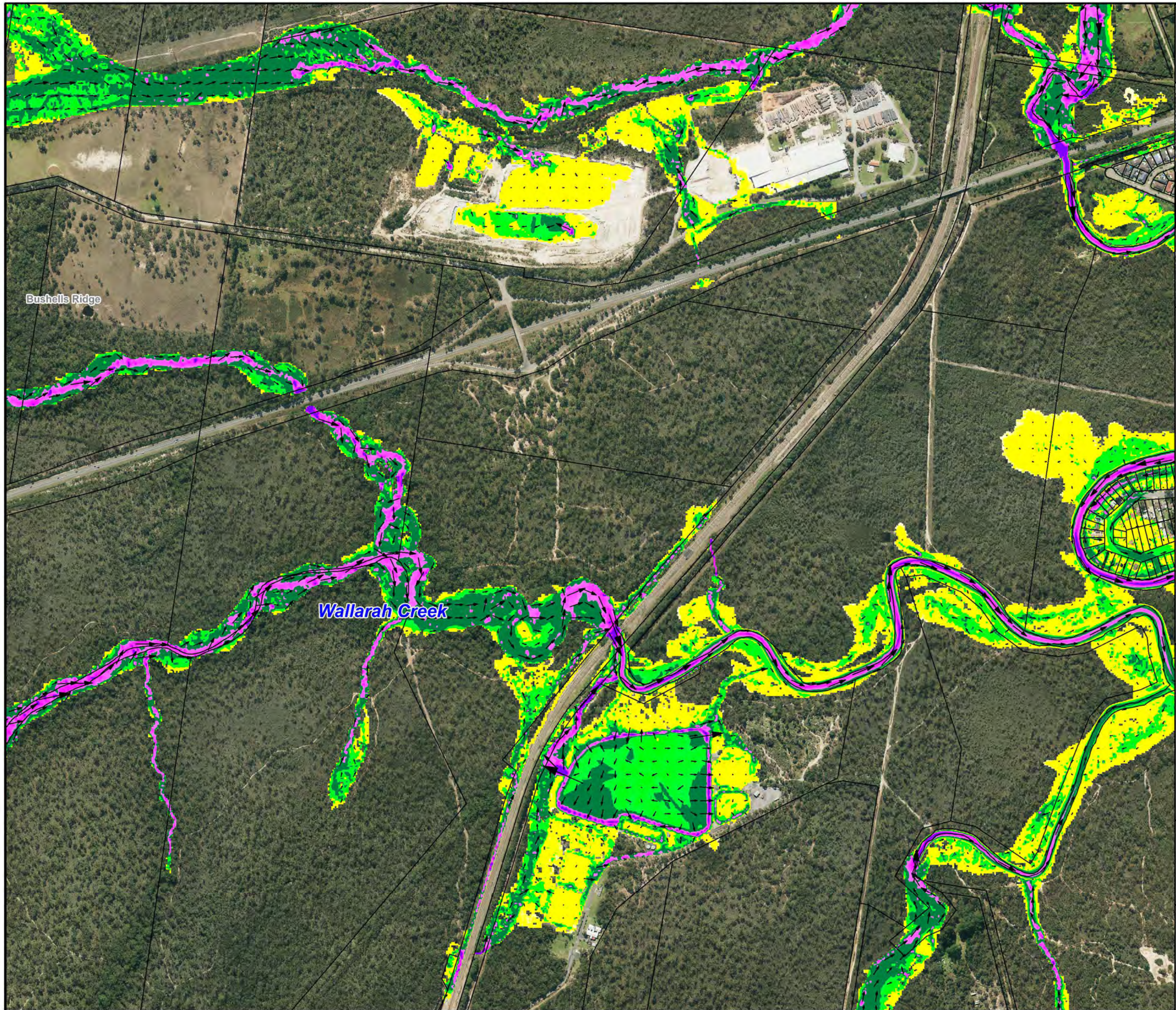
-  1.42 Water Level at Wallarah Creek Bridge Gauge (mAHd)



**Figure 10.4:
Peak Floodwater
Velocities for the
1% AEP Flood**

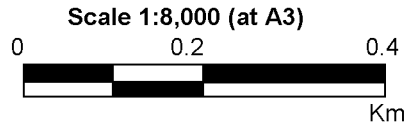
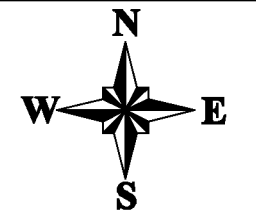
Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.4 - Peak Floodwater Velocities for the 1% AEP Flood.wor



LEGEND

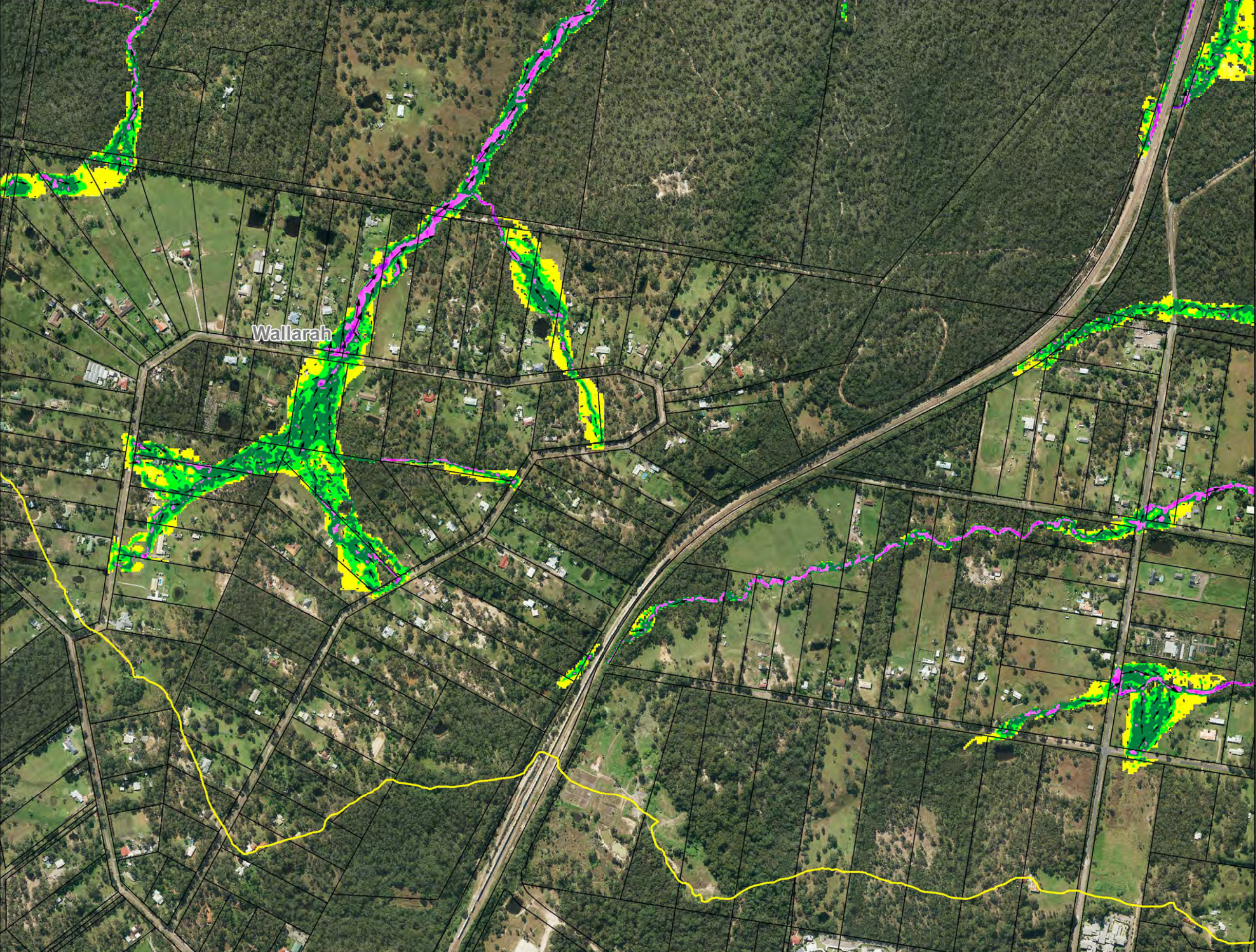
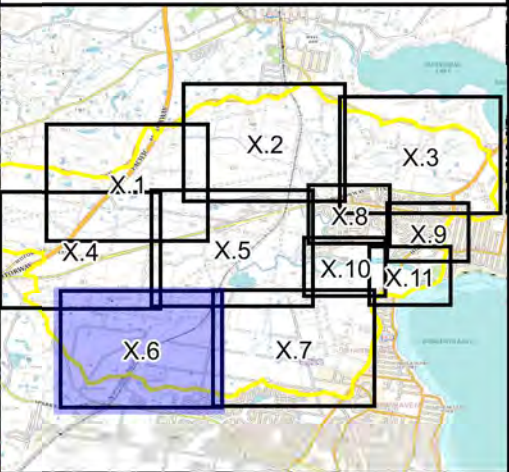
- Velocities (m/s)**
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 10.5:
Peak Floodwater
Velocities for the
1% AEP Flood**

Prepared By:
Catchment Simulation Solutions
 Suite 2.01, 210 George St
 Sydney, NSW 2000

File Name: Fig10.5 - Peak Floodwater Velocities for the 1% AEP Flood.wor



LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

1.42 Water Level at Wallarah
■ Creek Bridge Gauge (mAHD)

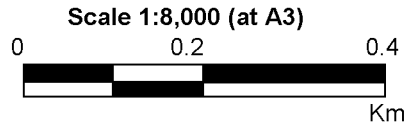
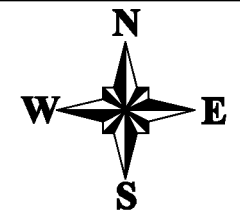

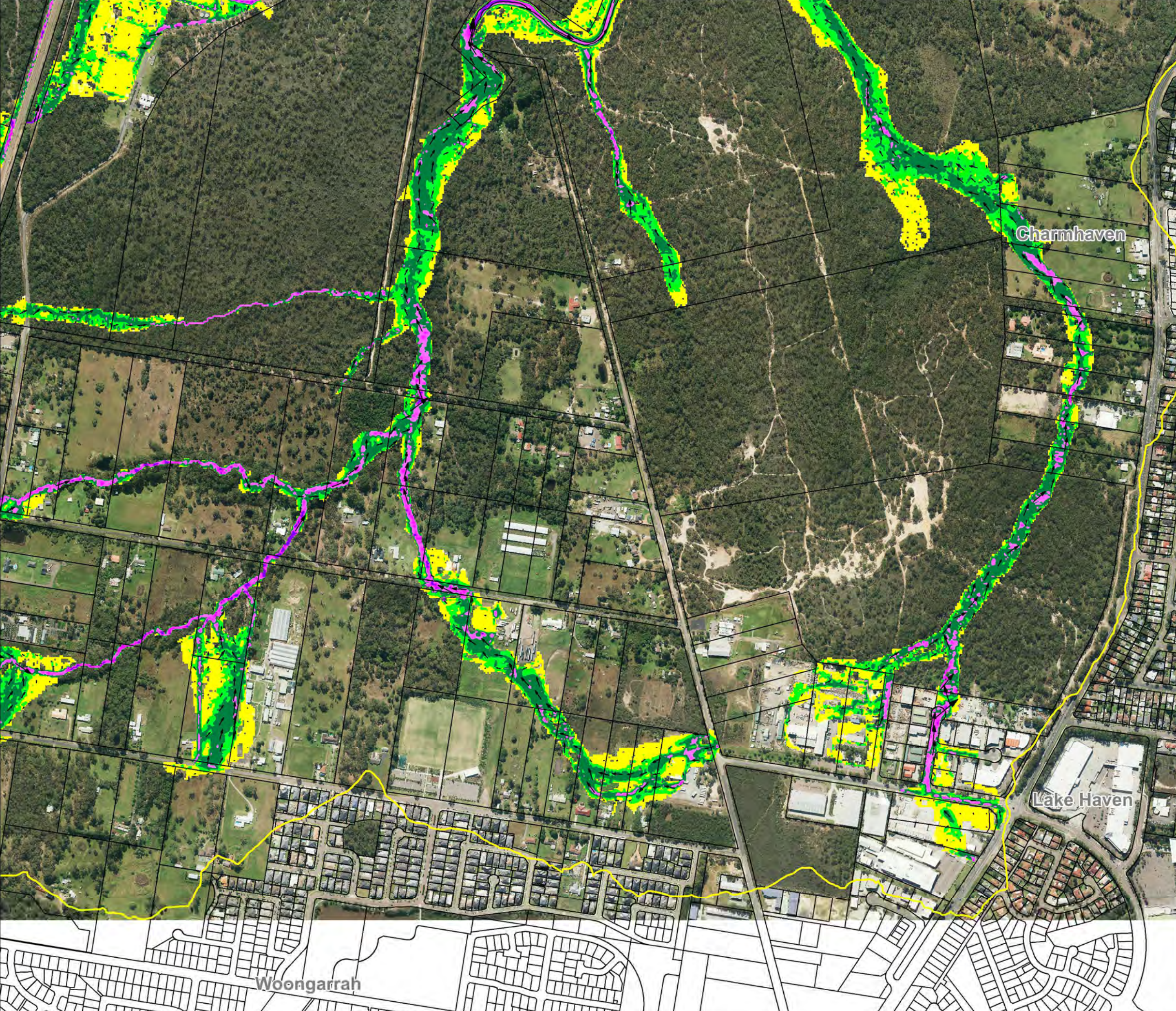
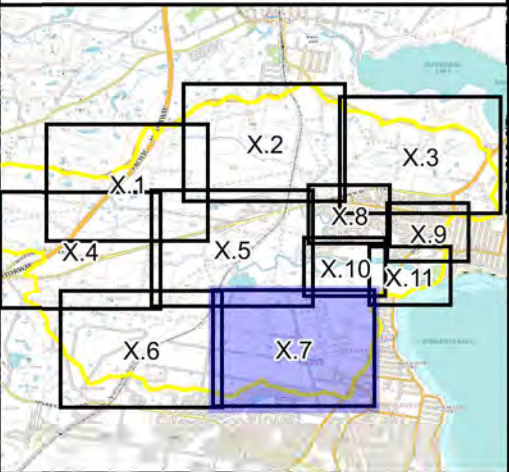


Figure 10.6:
Peak Floodwater
Velocities for the
1% AEP Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.6 - Peak Floodwater Velocities for the 1% AEP Flood.wor

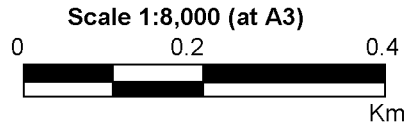
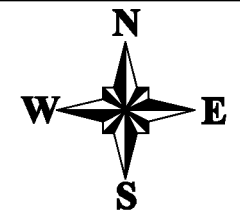


LEGEND


Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

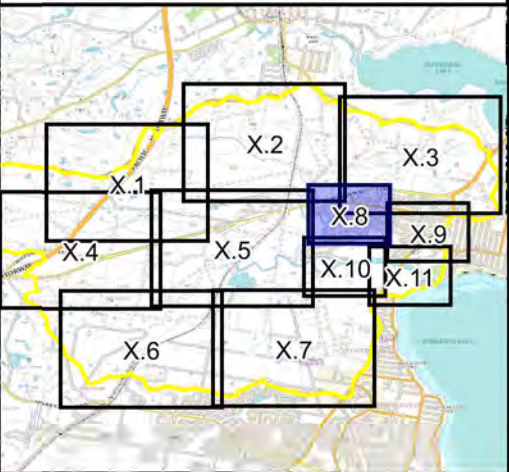
- 1.42 Water Level at Wallarah
- Creek Bridge Gauge (mAHd)



**Figure 10.7:
Peak Floodwater
Velocities for the
1% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.7 - Peak Floodwater Velocities for the 1% AEP Flood.wor

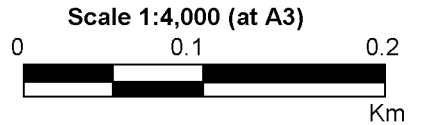
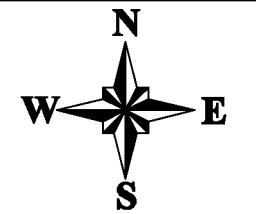


LEGEND

Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

- 1.42 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)

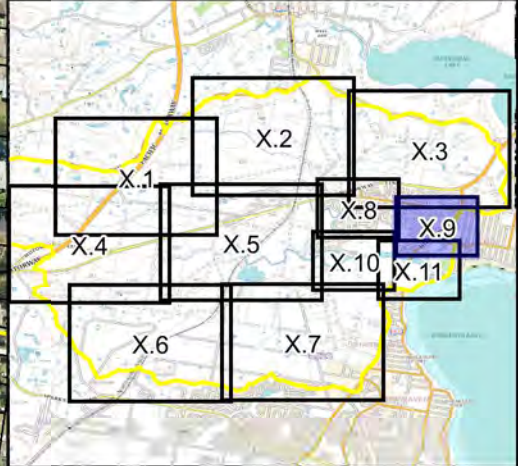


**Figure 10.8:
Peak Floodwater
Velocities for the
1% AEP Flood**

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

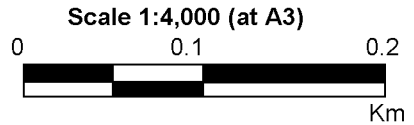
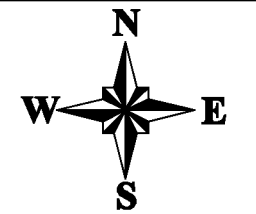
File Name: Fig10.8 - Peak Floodwater Velocities for the 1% AEP Flood.wor





LEGEND

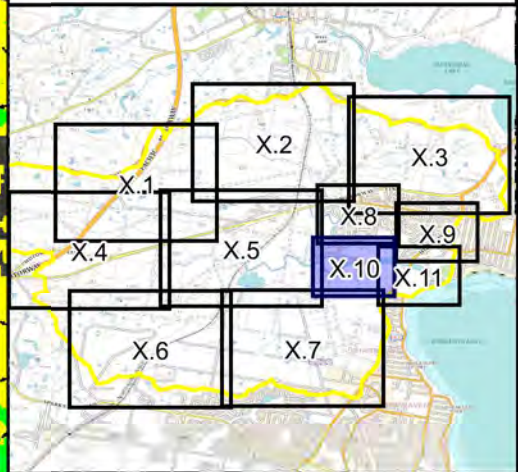
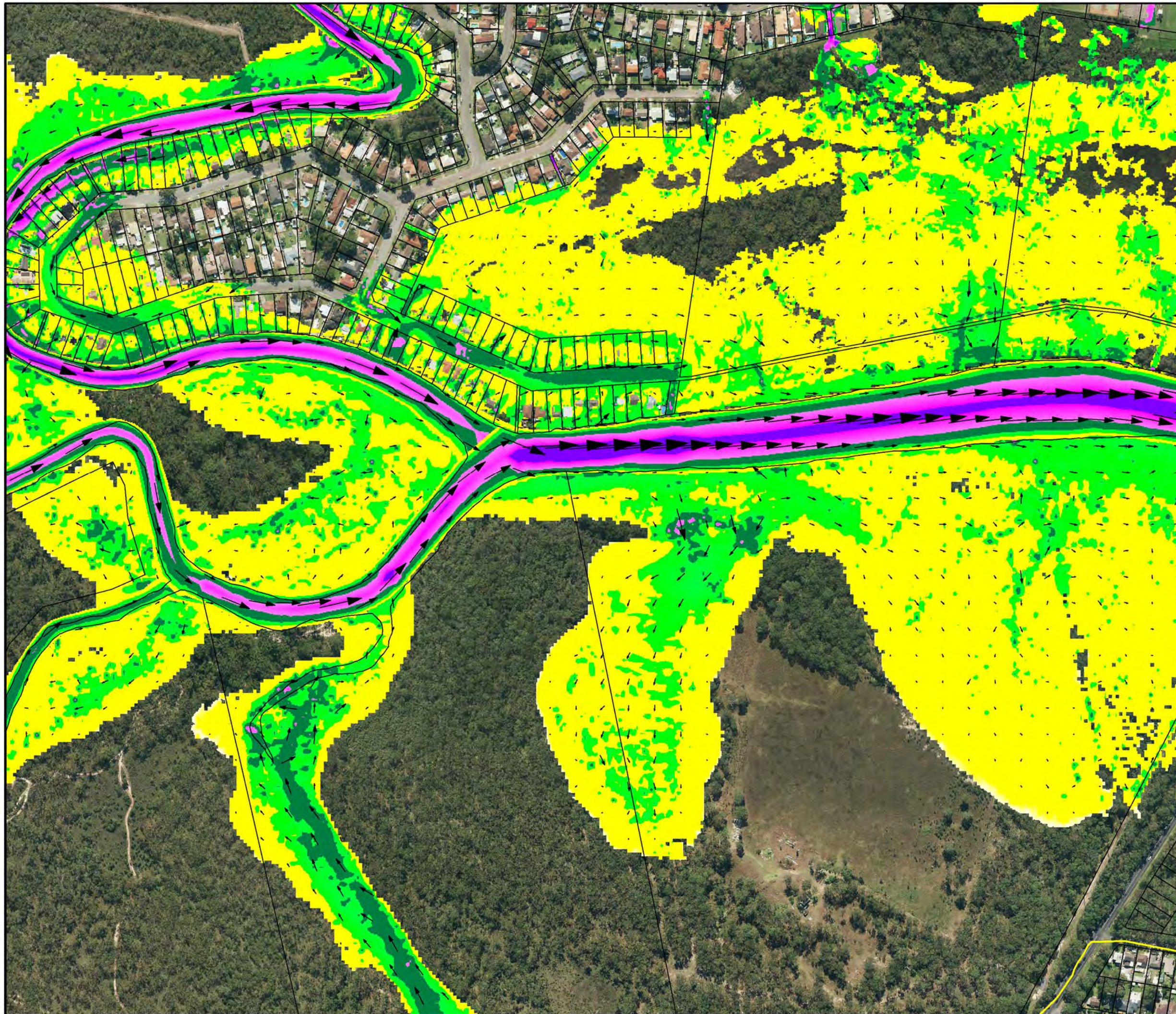
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 1.42 Water Level at Wallarah
- █ Creek Bridge Gauge (mAHd)



**Figure 10.9:
Peak Floodwater
Velocities for the
1% AEP Flood**

Prepared By:
Catchment Simulation Solutions
Suite 2.01, 210 George St
Sydney, NSW 2000

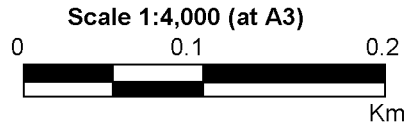
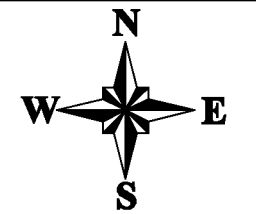
File Name: Fig10.9 - Peak Floodwater Velocities for the 1% AEP Flood.wor



LEGEND

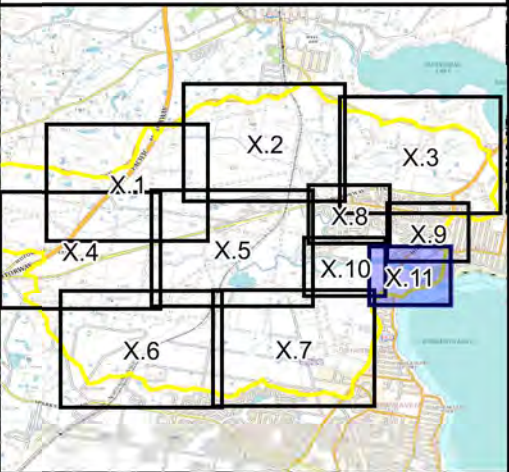
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0

- 1.42 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)




**Figure 10.10:
Peak Floodwater
Velocities for the
1% AEP Flood**


Prepared By:
Catchment Simulation Solutions
 Suite 2.01, 210 George St
 Sydney, NSW 2000

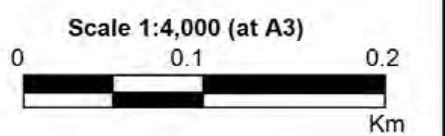


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

-  1.42 Water Level at Wallarah Creek Bridge Gauge (mAHD)

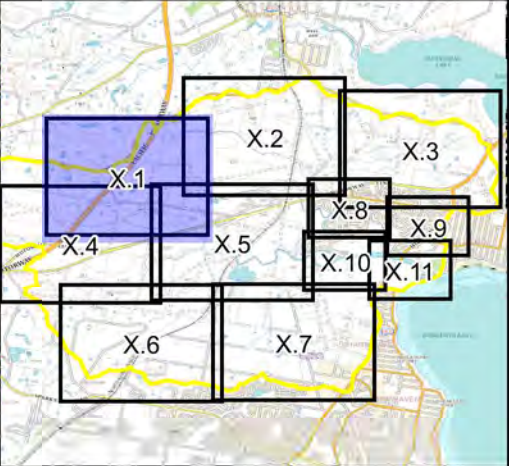


**Figure 10.11:
Peak Floodwater
Velocities for the
1% AEP Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig10.11 - Peak Floodwater Velocities for the 1% AEP Flood.wor





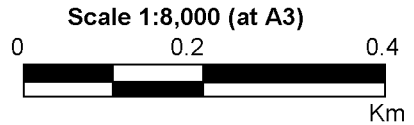
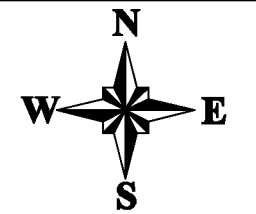


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

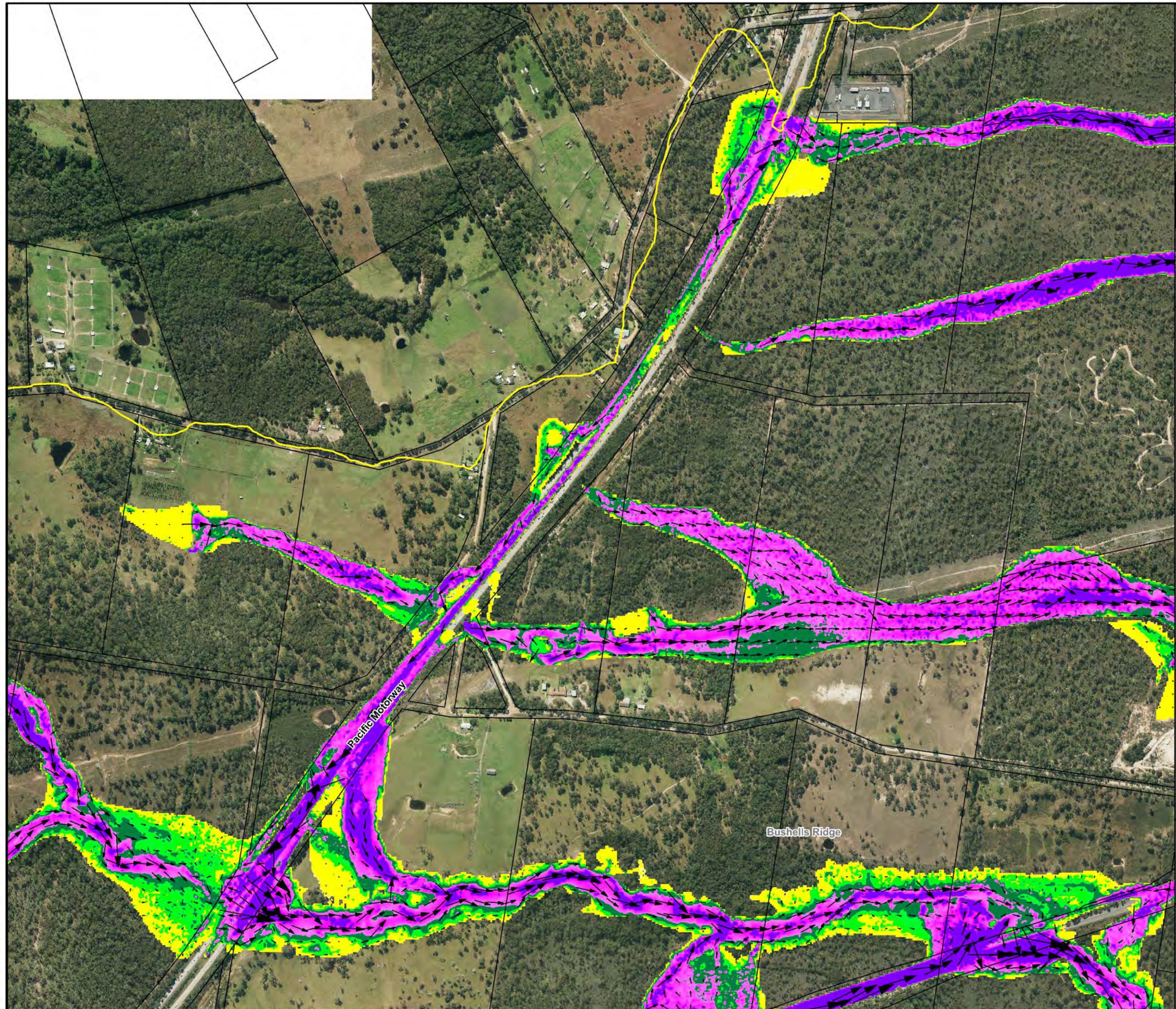
-  2.95 Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

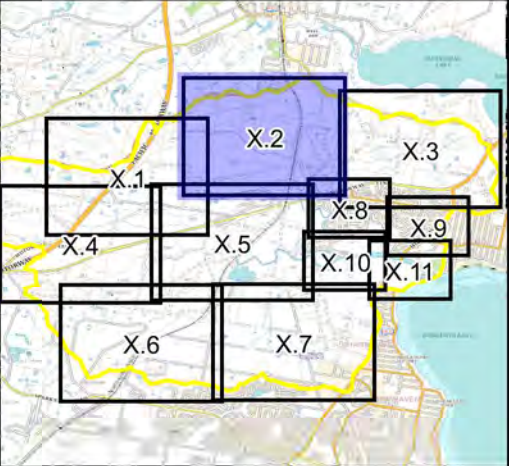


**Figure 11.1:
Peak Floodwater
Velocities for the
PMF**

Prepared By:
 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.1 - Peak Floodwater Velocities for the PMF.wor





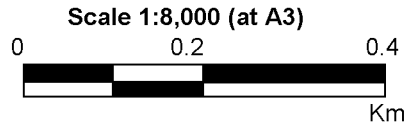
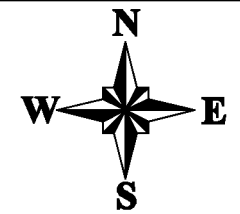


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

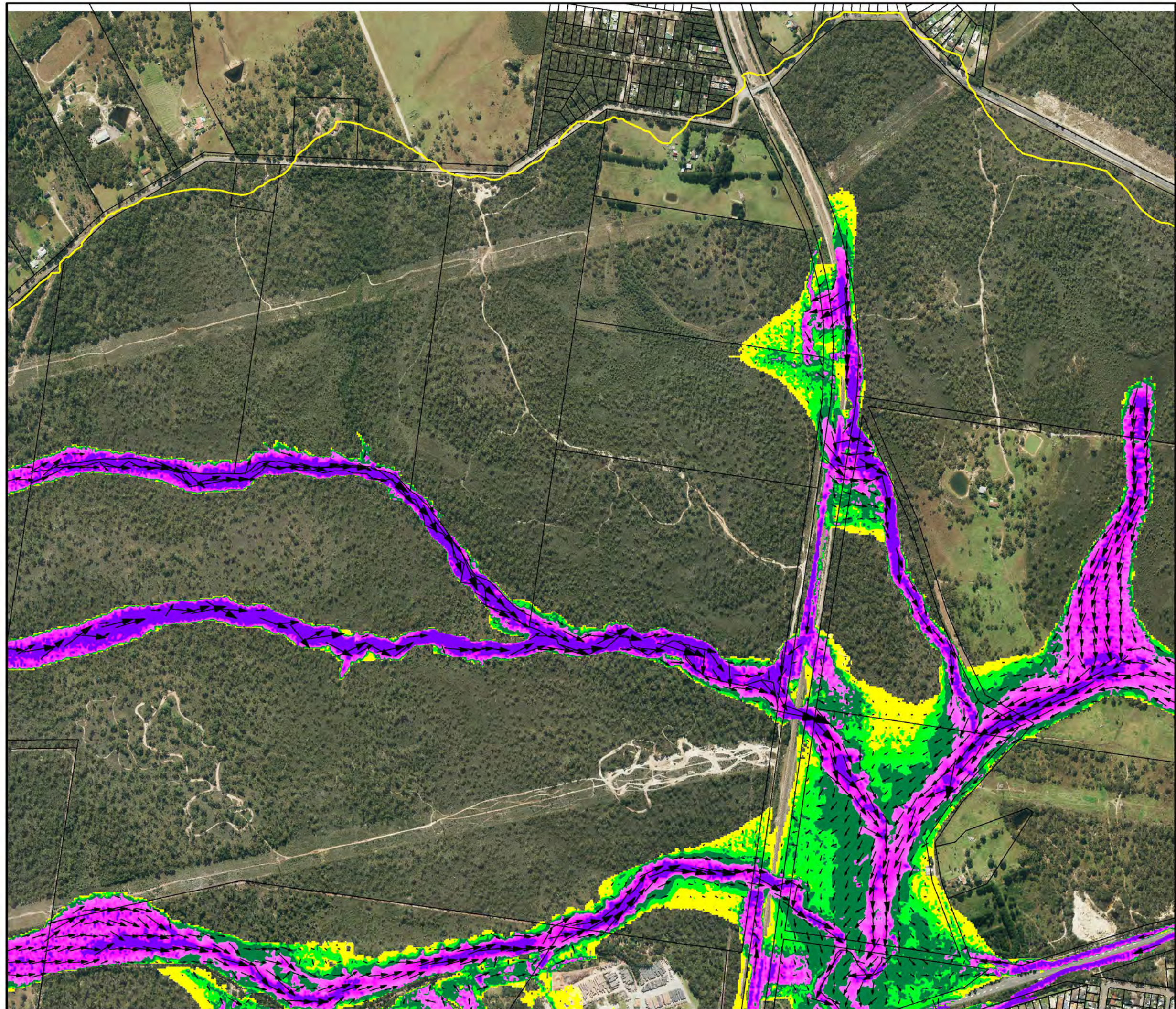
-  2.95 Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

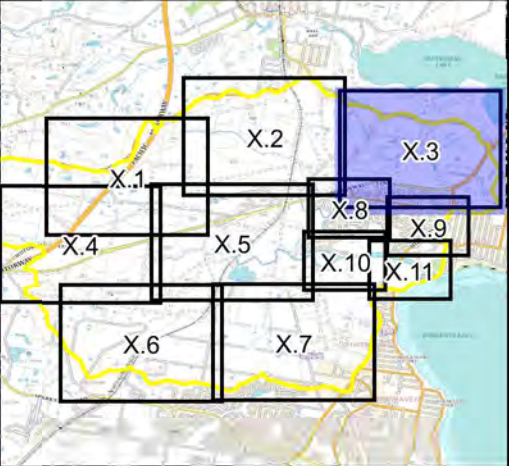


**Figure 11.2:
Peak Floodwater
Velocities for the
PMF**

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Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.2 - Peak Floodwater Velocities for the PMF.wor





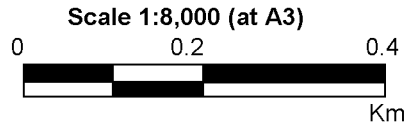
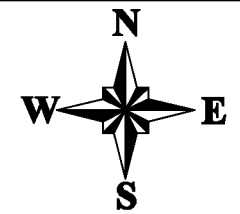


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

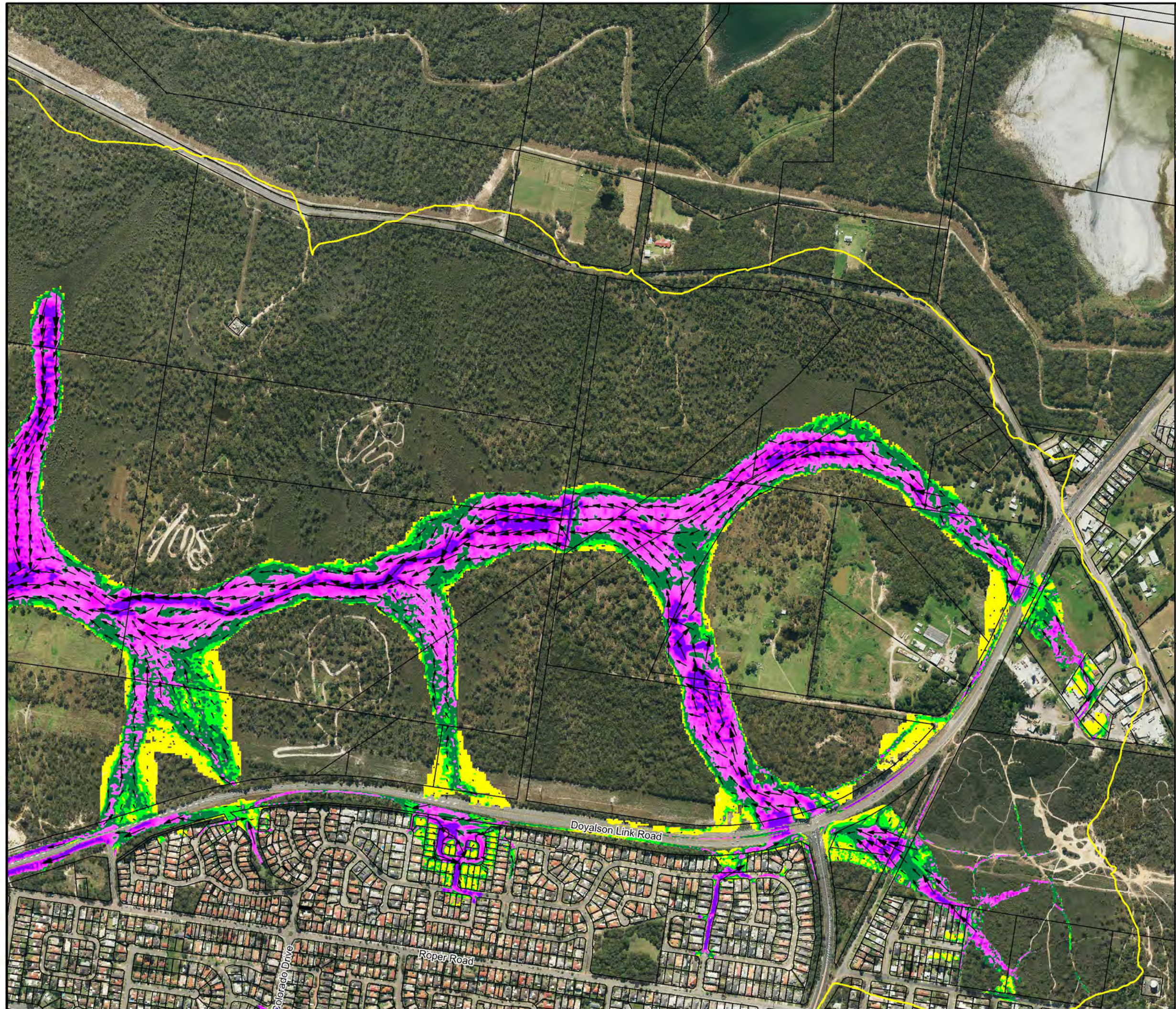
-  2.95 Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

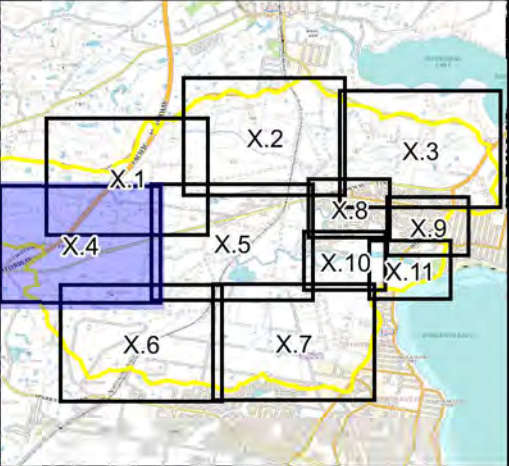
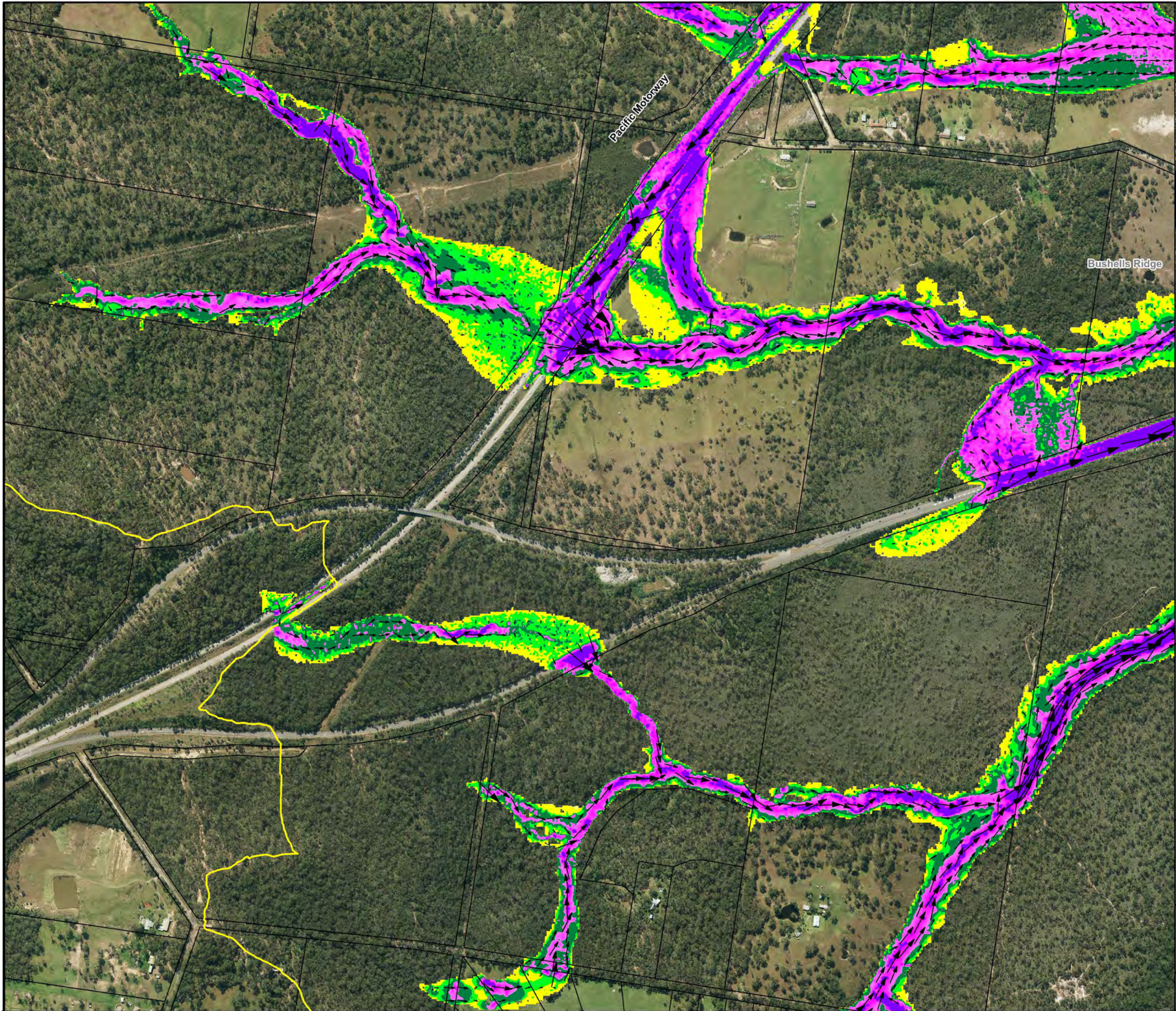


**Figure 11.3:
Peak Floodwater
Velocities for the
PMF**

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 **Catchment Simulation Solutions**
Suite 2.01, 210 George St
Sydney, NSW 2000

File Name: Fig11.3 - Peak Floodwater Velocities for the PMF.wor





LEGEND

- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 2.95 Water Level at Wallarah
■ Creek Bridge Gauge (mAHD)

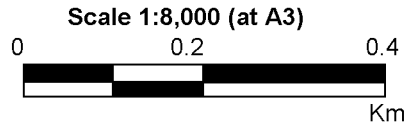
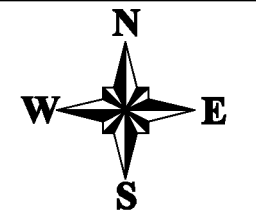
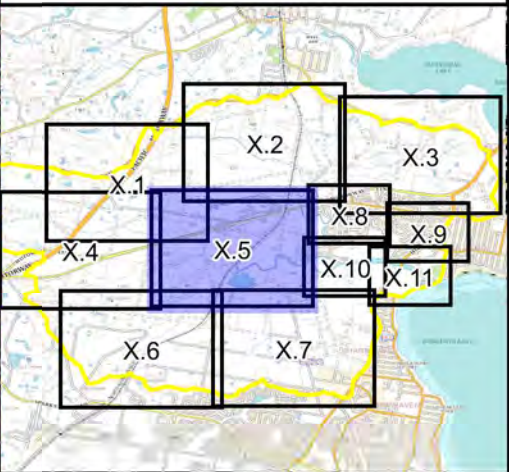
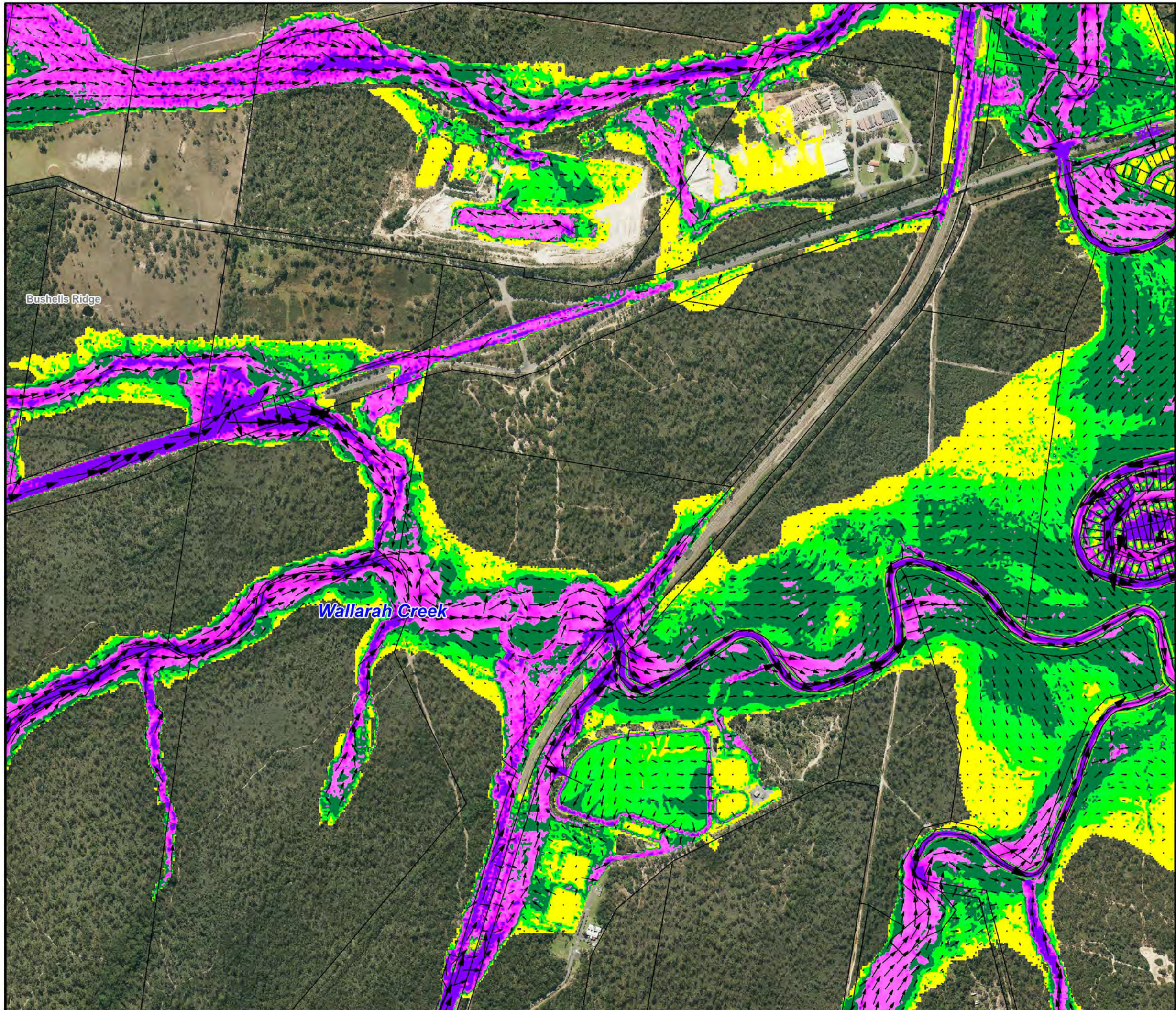


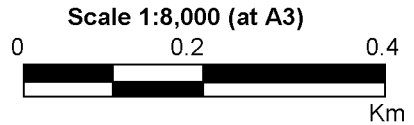
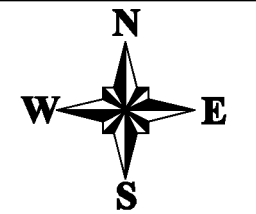
Figure 11.4:
Peak Floodwater
Velocities for the
PMF

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LEGEND

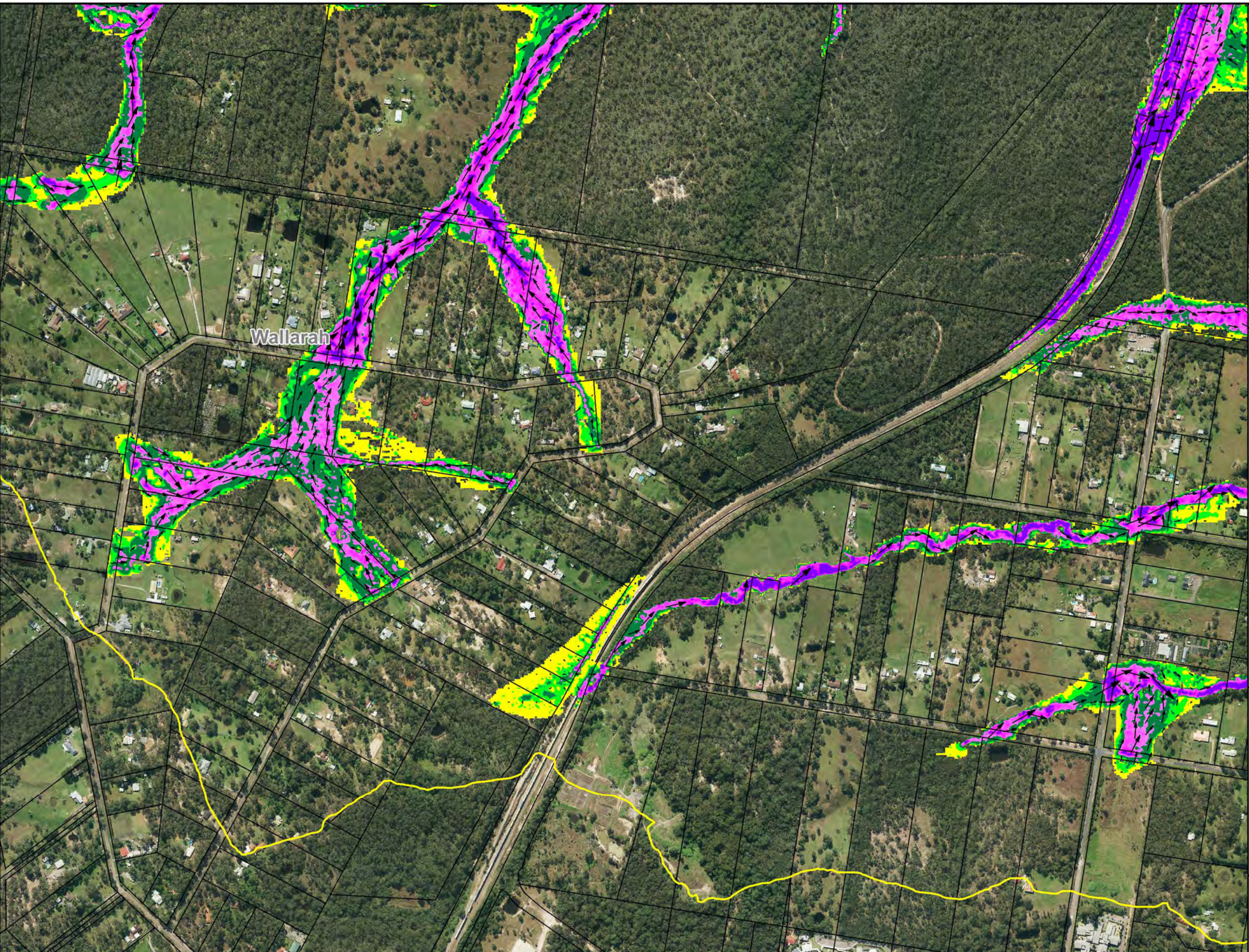
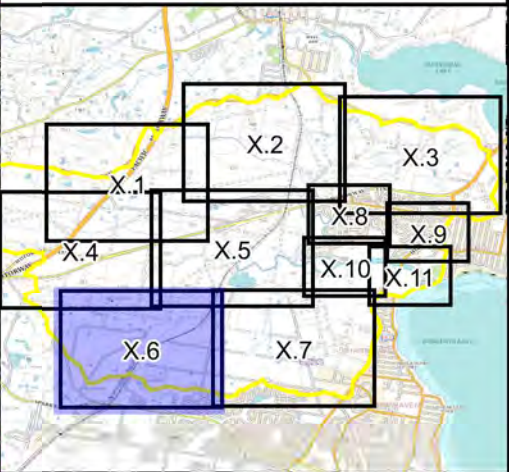
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 11.5:
Peak Floodwater
Velocities for the
PMF**

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Catchment Simulation Solutions
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 Sydney, NSW 2000



File Name: Fig11.5 - Peak Floodwater Velocities for the PMF.wor

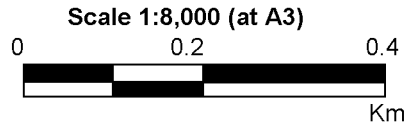
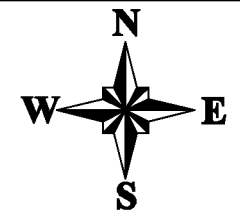


LEGEND


Velocities (m/s)

-  < 0.25
-  0.25 to 0.5
-  0.5 to 1.0
-  1.0 to 2.0
-  > 2.0

-  2.95 Water Level at Wallarah
-  Creek Bridge Gauge (mAHD)

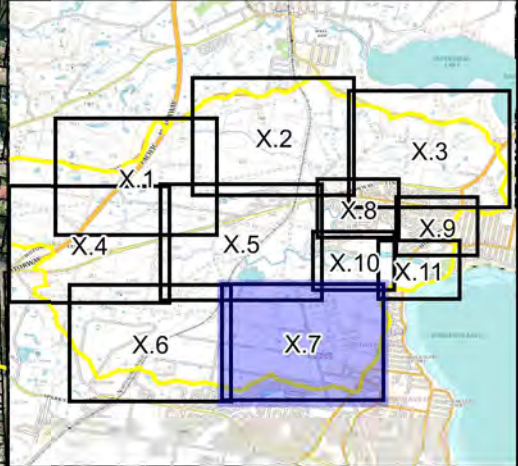
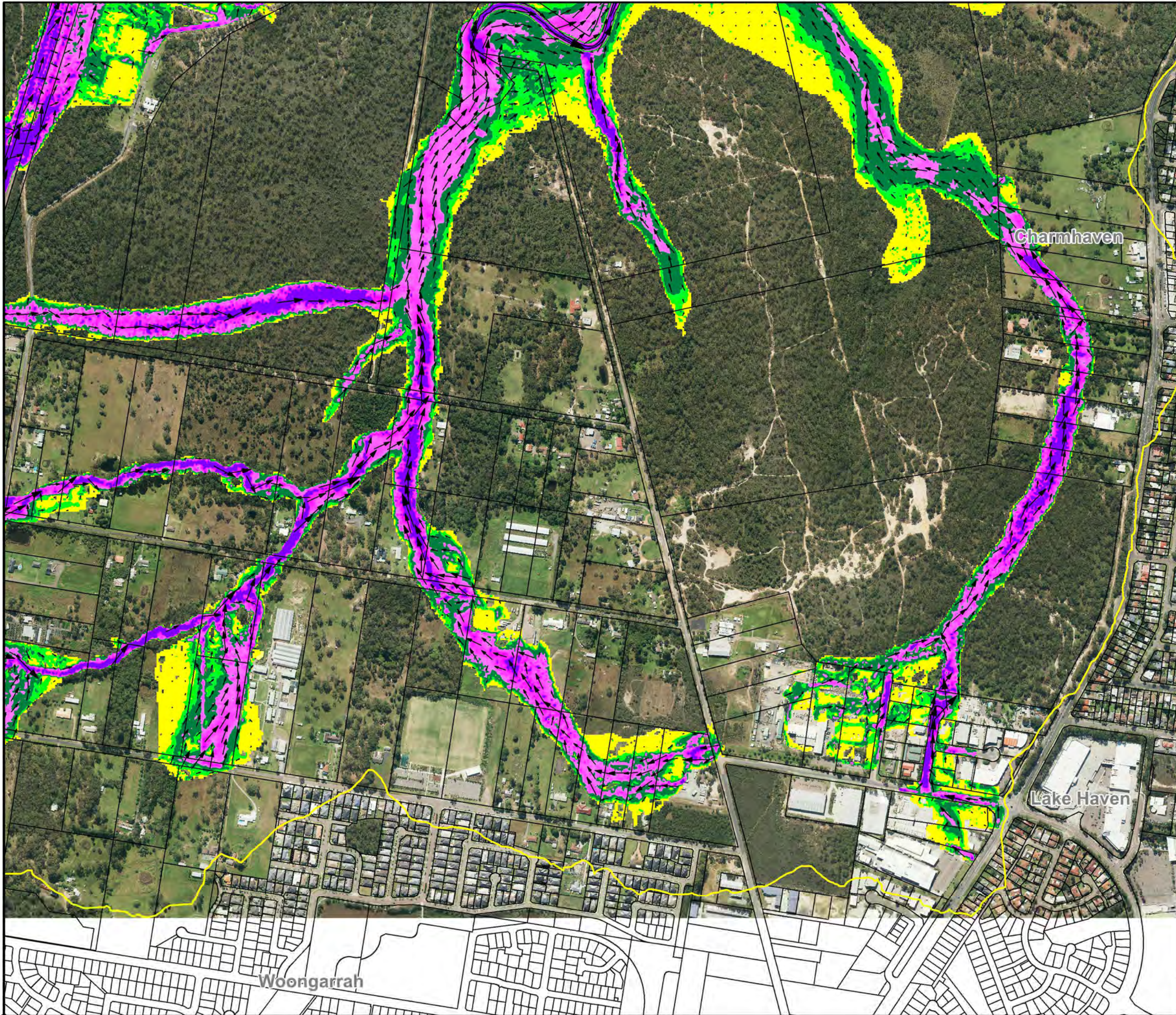


**Figure 11.6:
Peak Floodwater
Velocities for the
PMF**

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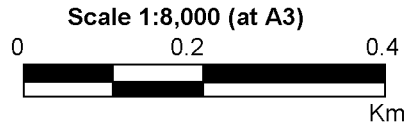
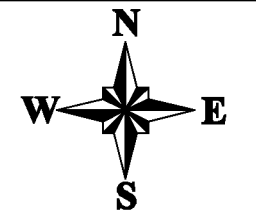
File Name: Fig11.6 - Peak Floodwater Velocities for the PMF.wor

Sparks Rd



LEGEND

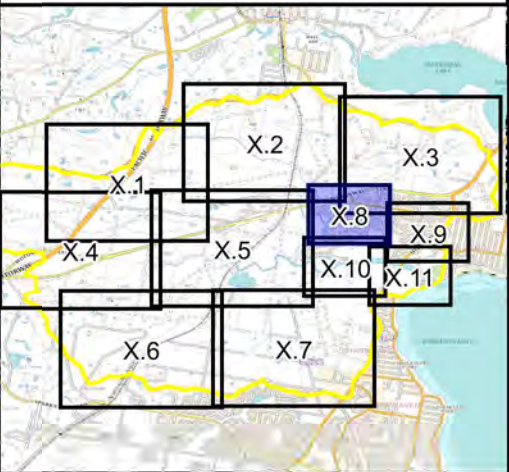
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 2.95 Water Level at Wallarah
- █ Creek Bridge Gauge (mAHd)



**Figure 11.7:
Peak Floodwater
Velocities for the
PMF**

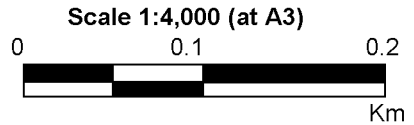
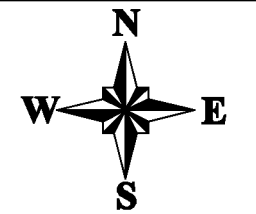
Prepared By:
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Sydney, NSW 2000

File Name: Fig11.7 - Peak Floodwater Velocities for the PMF.wor



LEGEND

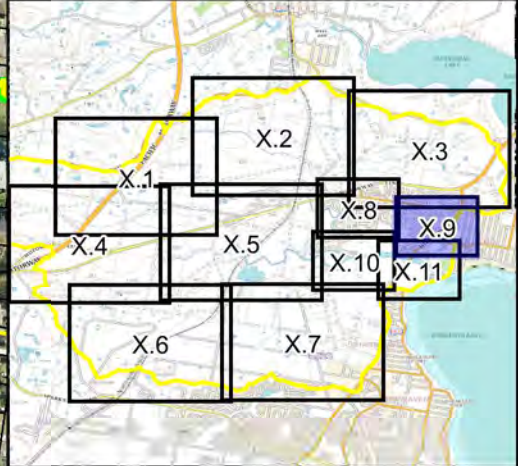
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 2.95 Water Level at Wallarah
- Creek Bridge Gauge (mAHD)



**Figure 11.8:
Peak Floodwater
Velocities for the
PMF**

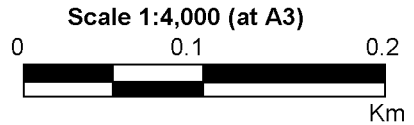
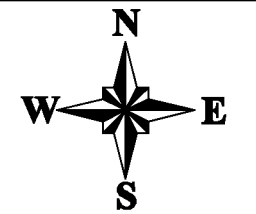
Prepared By:
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Sydney, NSW 2000

File Name: Fig11.8 - Peak Floodwater Velocities for the PMF.wor



LEGEND

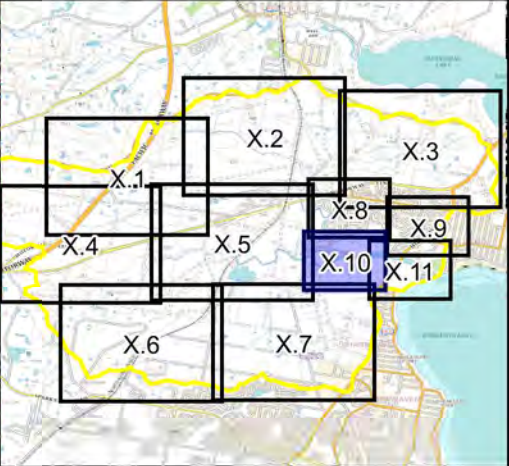
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 2.95 Water Level at Wallarah
Creek Bridge Gauge (mAHd)



**Figure 11.9:
Peak Floodwater
Velocities for the
PMF**

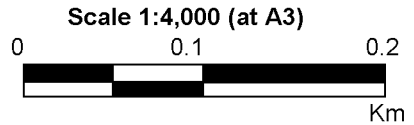
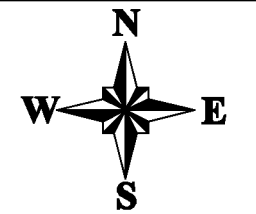
Prepared By:
Catchment Simulation Solutions
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Sydney, NSW 2000

File Name: Fig11.9 - Peak Floodwater Velocities for the PMF.wor



LEGEND

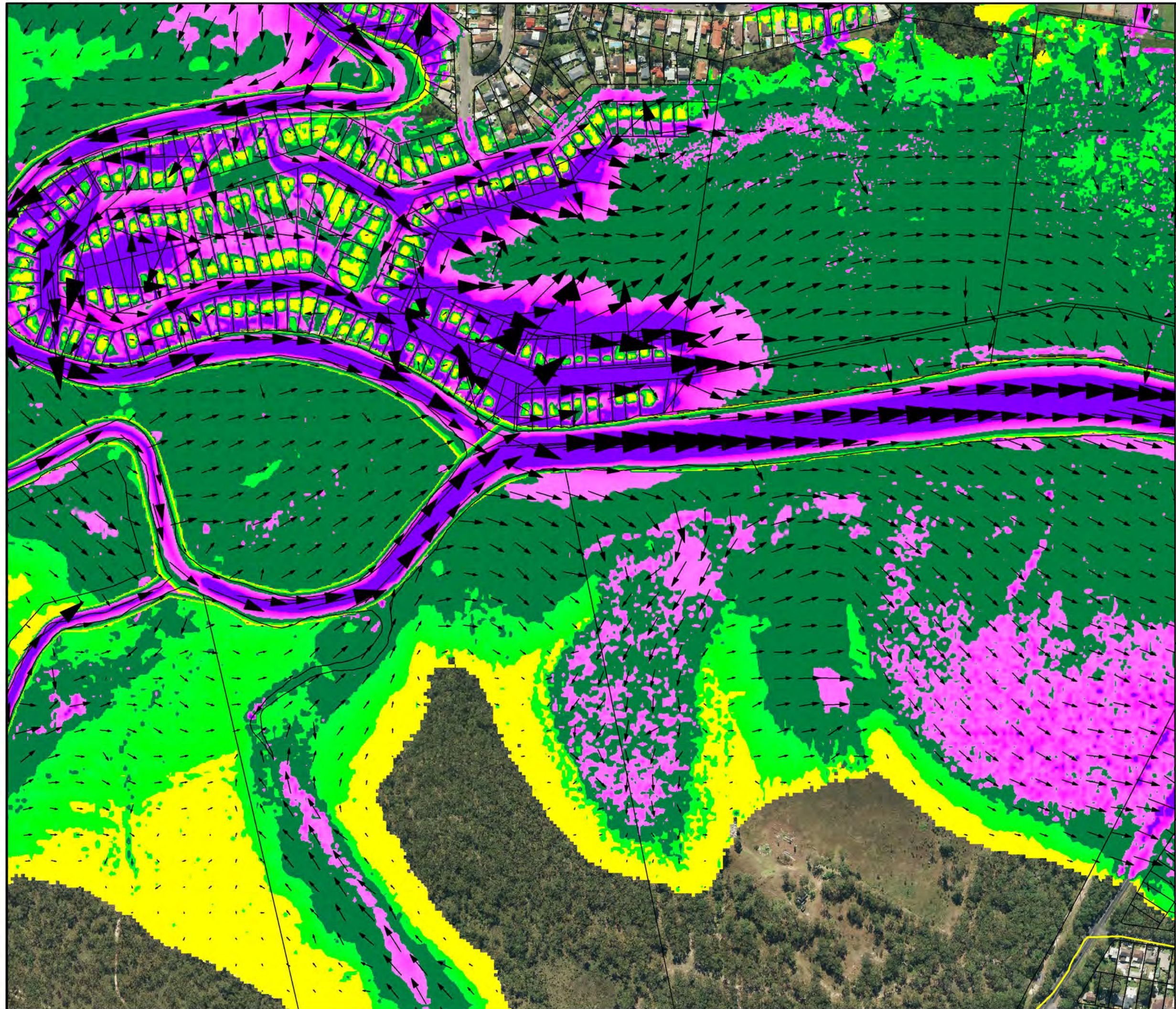
- Velocities (m/s)
- < 0.25
 - 0.25 to 0.5
 - 0.5 to 1.0
 - 1.0 to 2.0
 - > 2.0
- 2.95 Water Level at Wallarah
Creek Bridge Gauge (mAHD)

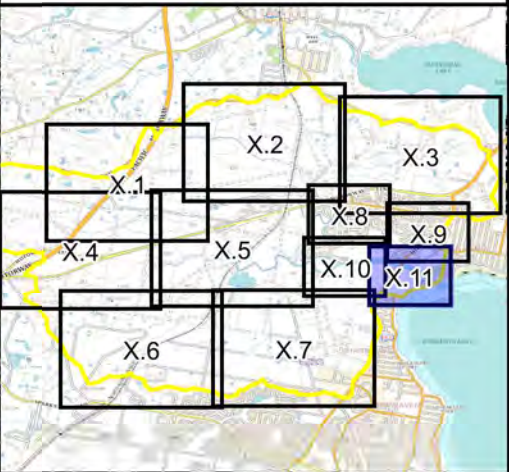


**Figure 11.10:
Peak Floodwater
Velocities for the
PMF**

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Sydney, NSW 2000

File Name: Fig11.10 - Peak Floodwater Velocities for the PMF.wor



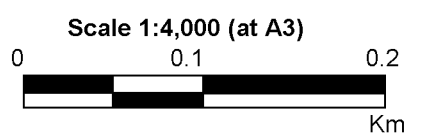
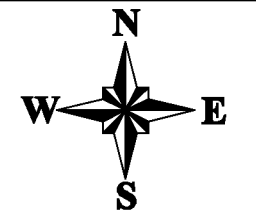


LEGEND


Velocities (m/s)

- < 0.25
- 0.25 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- > 2.0

- 2.95 Water Level at Wallarah Creek Bridge Gauge (mAHD)



**Figure 11.11:
Peak Floodwater
Velocities for the
PMF**

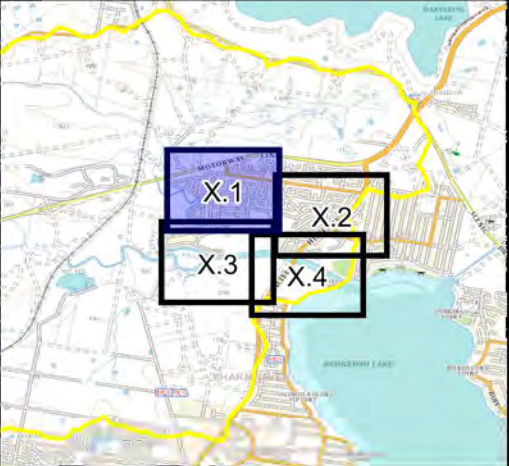
Prepared By:
 **Catchment Simulation Solutions**
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Sydney, NSW 2000

File Name: Fig11.11 - Peak Floodwater Velocities for the PMF.wor



STORMWATER CAPACITY MAP

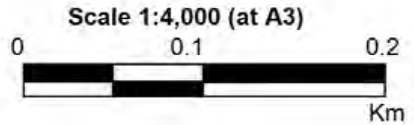




LEGEND

- Failure AEP
- <20%AEP
 - 20%AEP
 - 5%AEP
 - 1%AEP or better

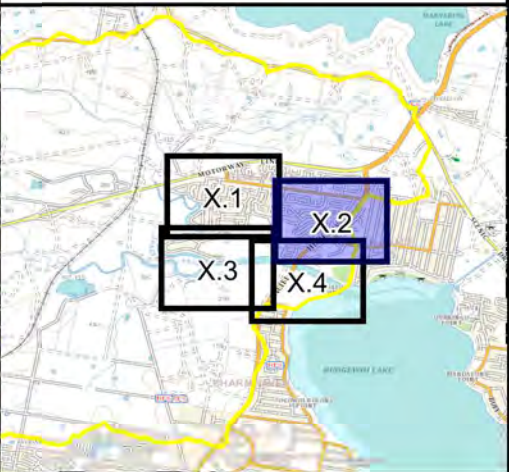
- Pit Failure Type
- No Failure
 - Surcharge
 - Ponding



**Figure 12.1:
Stormwater Capacity
Map**

Prepared By:
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Sydney, NSW 2000

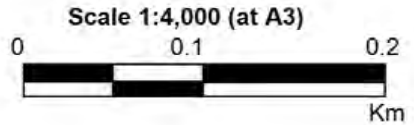
File Name: Fig12.1 - Stormwater Capacity Map.wor



LEGEND

- Failure AEP**
- █ <20%AEP
 - █ 20%AEP
 - █ 5%AEP
 - █ 1%AEP or better

- Pit Failure Type**
- No Failure
 - ▲ Surcharge
 - ◆ Ponding

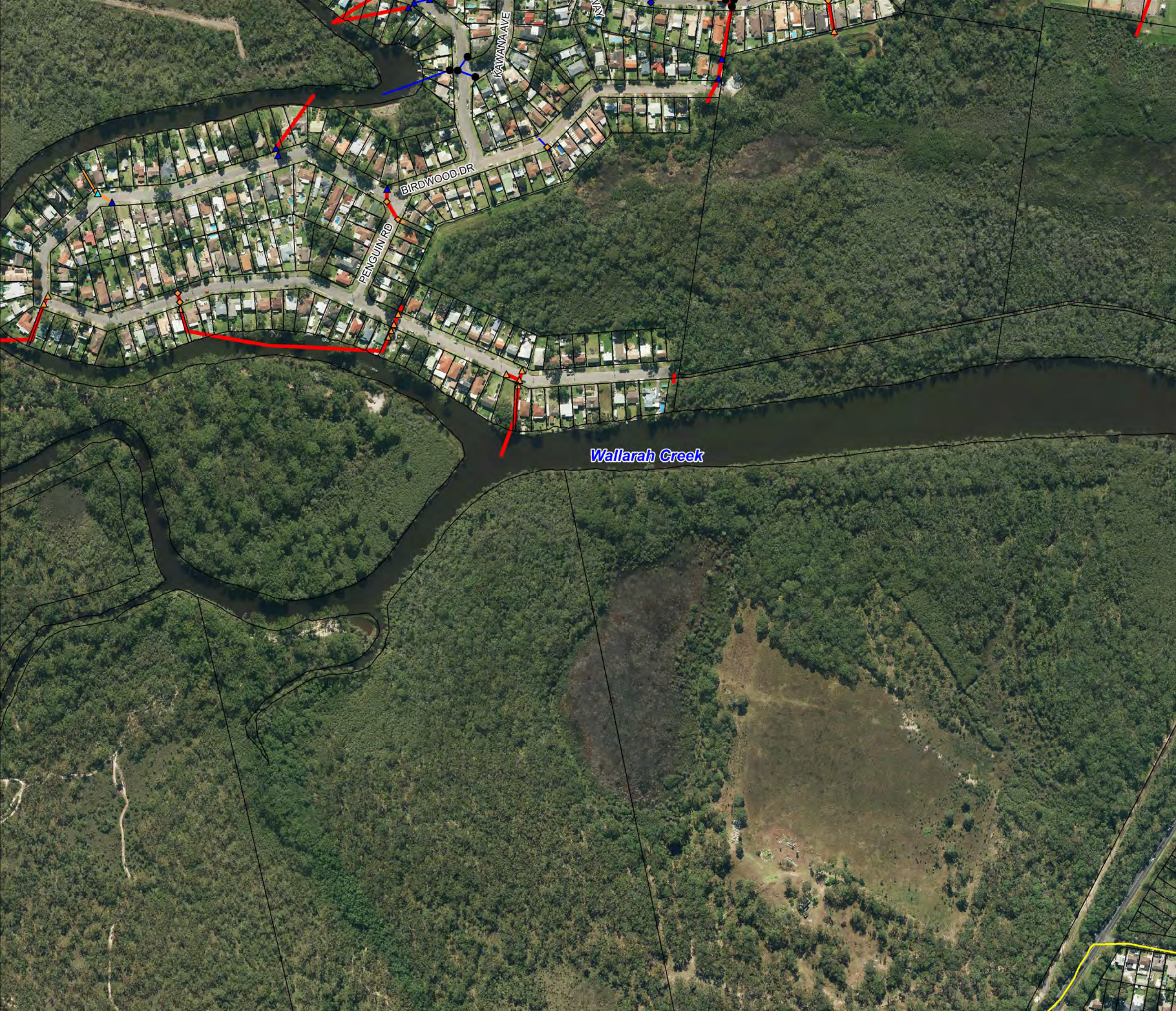
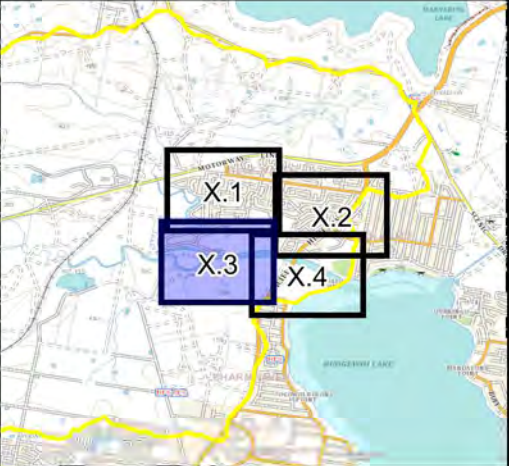


**Figure 12.2:
Stormwater Capacity
Map**

Prepared By:
Catchment Simulation Solutions
 Suite 2.01, 210 George St
 Sydney, NSW 2000

File Name: Fig12.2 - Stormwater Capacity Map.wor

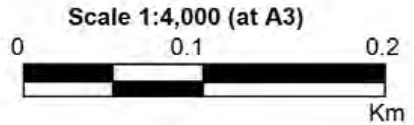





LEGEND

- Failure AEP
- <20%AEP (Red)
 - 20%AEP (Orange)
 - 5%AEP (Cyan)
 - 1%AEP or better (Blue)

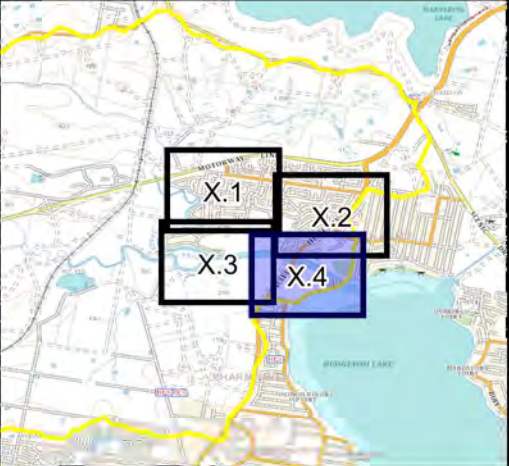
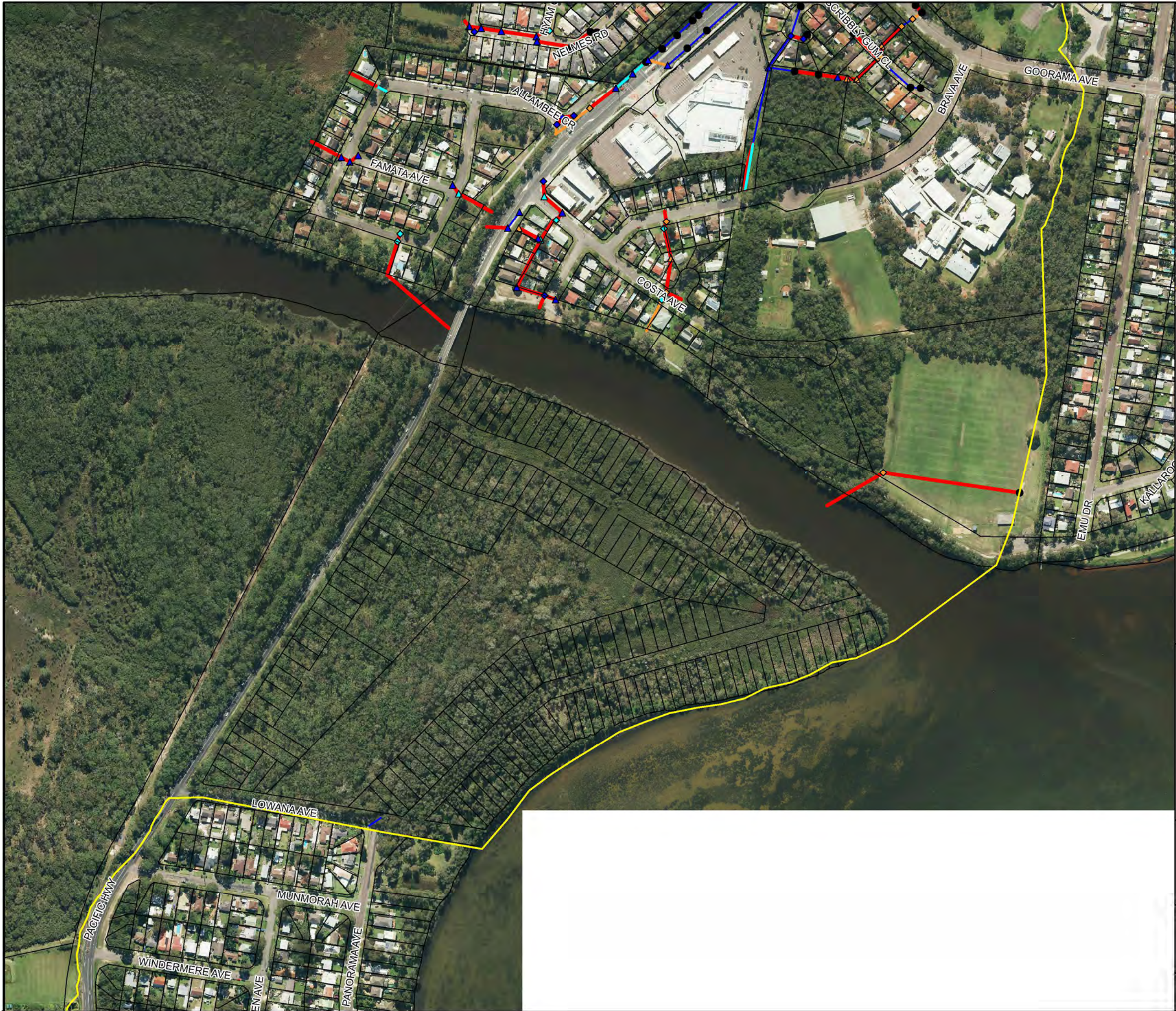
- Pit Failure Type
- No Failure (Black circle)
 - Surcharge (Black triangle)
 - Ponding (Black diamond)



**Figure 12.3:
Stormwater Capacity
Map**

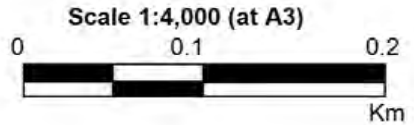
Prepared By:
 **Catchment Simulation Solutions**
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Sydney, NSW 2000

File Name: Fig12.3 - Stormwater Capacity Map.wor




LEGEND

- Failure AEP
- <20%AEP (Red)
 - 20%AEP (Orange)
 - 5%AEP (Cyan)
 - 1%AEP or better (Blue)
- Pit Failure Type
- No Failure (Black circle)
 - Surcharge (Black triangle)
 - Ponding (Black diamond)



**Figure 12.4:
Stormwater Capacity
Map**

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Sydney, NSW 2000

File Name: Fig12.4 - Stormwater Capacity Map.wor