










CALIBRATION MAPS

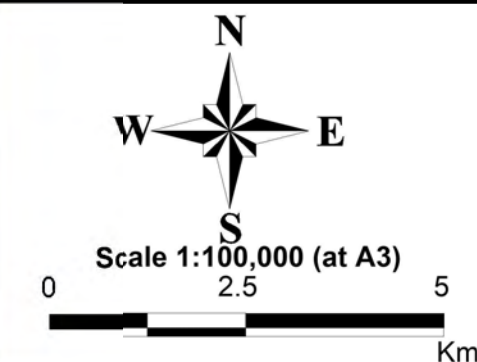





LEGEND

-  Catchment Boundary
 -  Rainfall Isohyet (mm)
 -  Rainfall Gauge Number
 -  Rainfall Recorded Depth
- Rainfall (mm)
-  ≤ 100
 -  200
 -  300
 -  400
 -  500
 -  ≥ 600

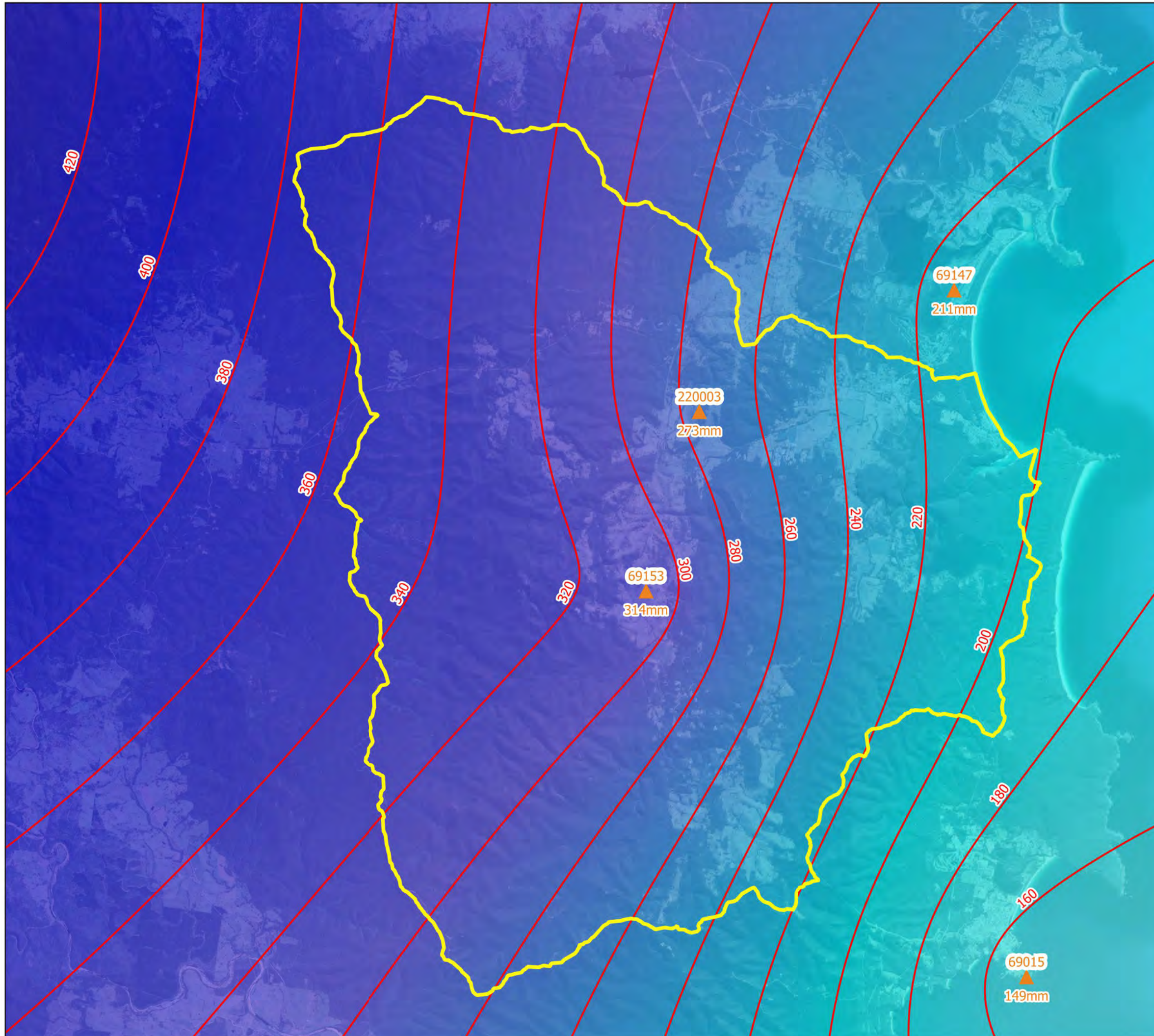
Notes:
Aerial photograph: Google Satellite 2019

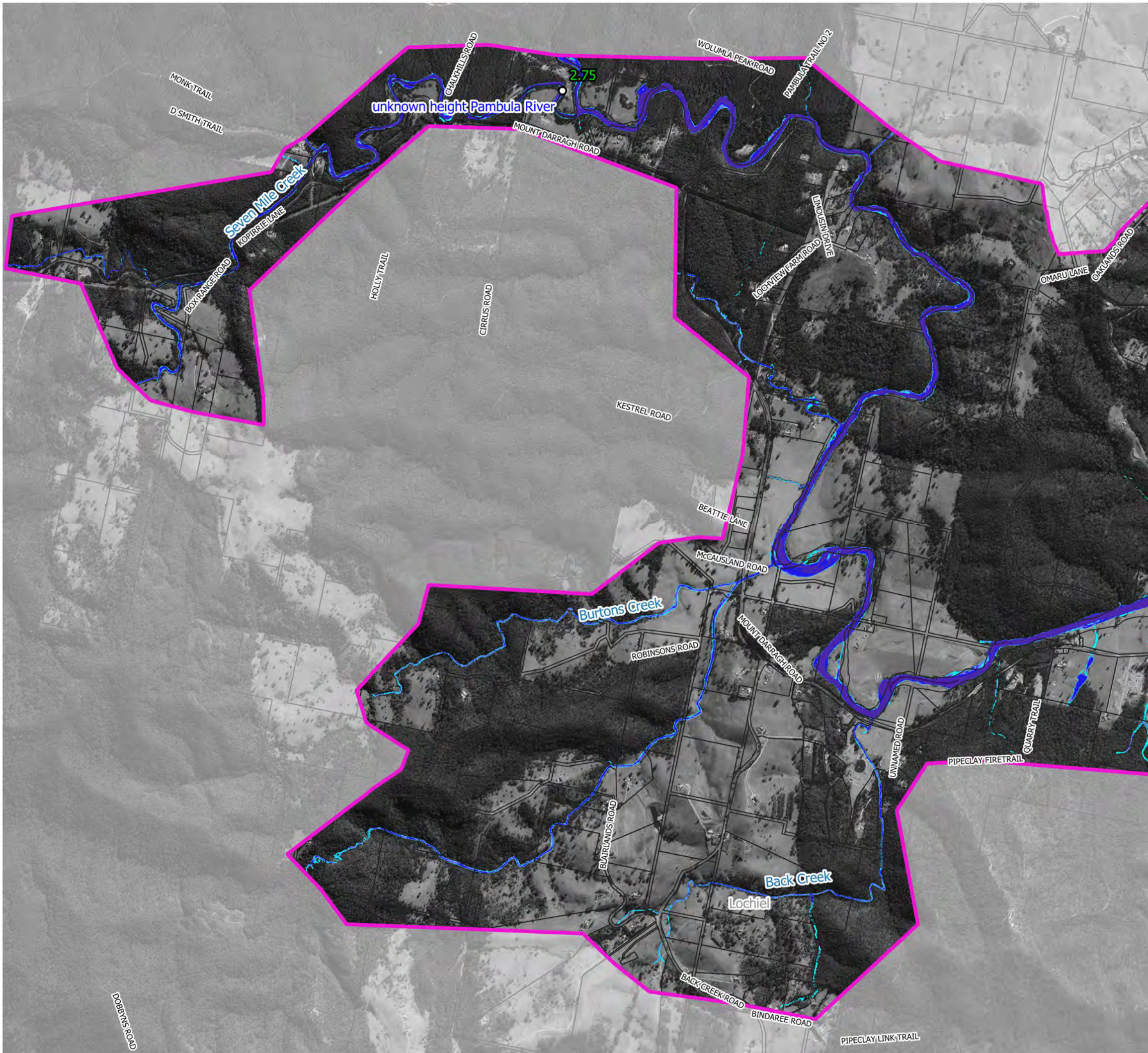
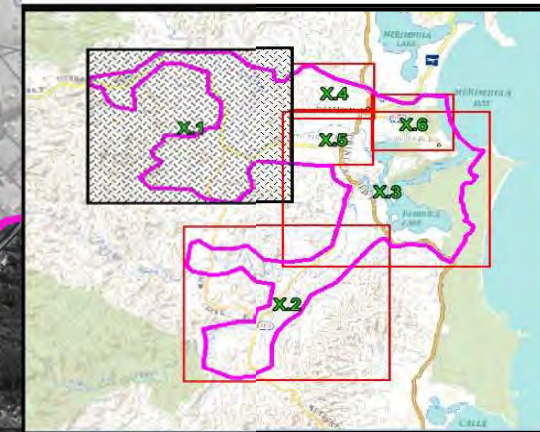


**Figure 9:
Isohyet Map for
2016 Storm**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Isohyet 2016 storm





LEGEND

Simulated flood depth (m)

Description of flood depth

Depths (m)

Light Blue	0.1 to 0.5
Medium Blue	0.5 to 1.0
Dark Blue	1.0 to 2.0
Very Dark Blue	2.0 to 5.0
Black	> 5

Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

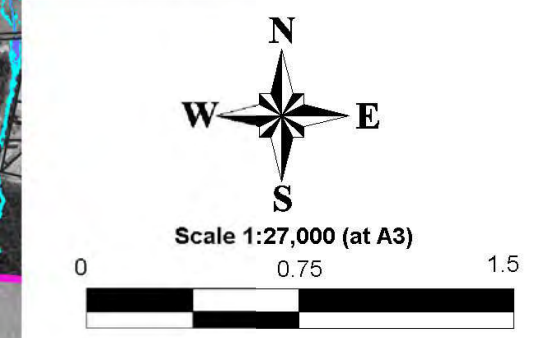

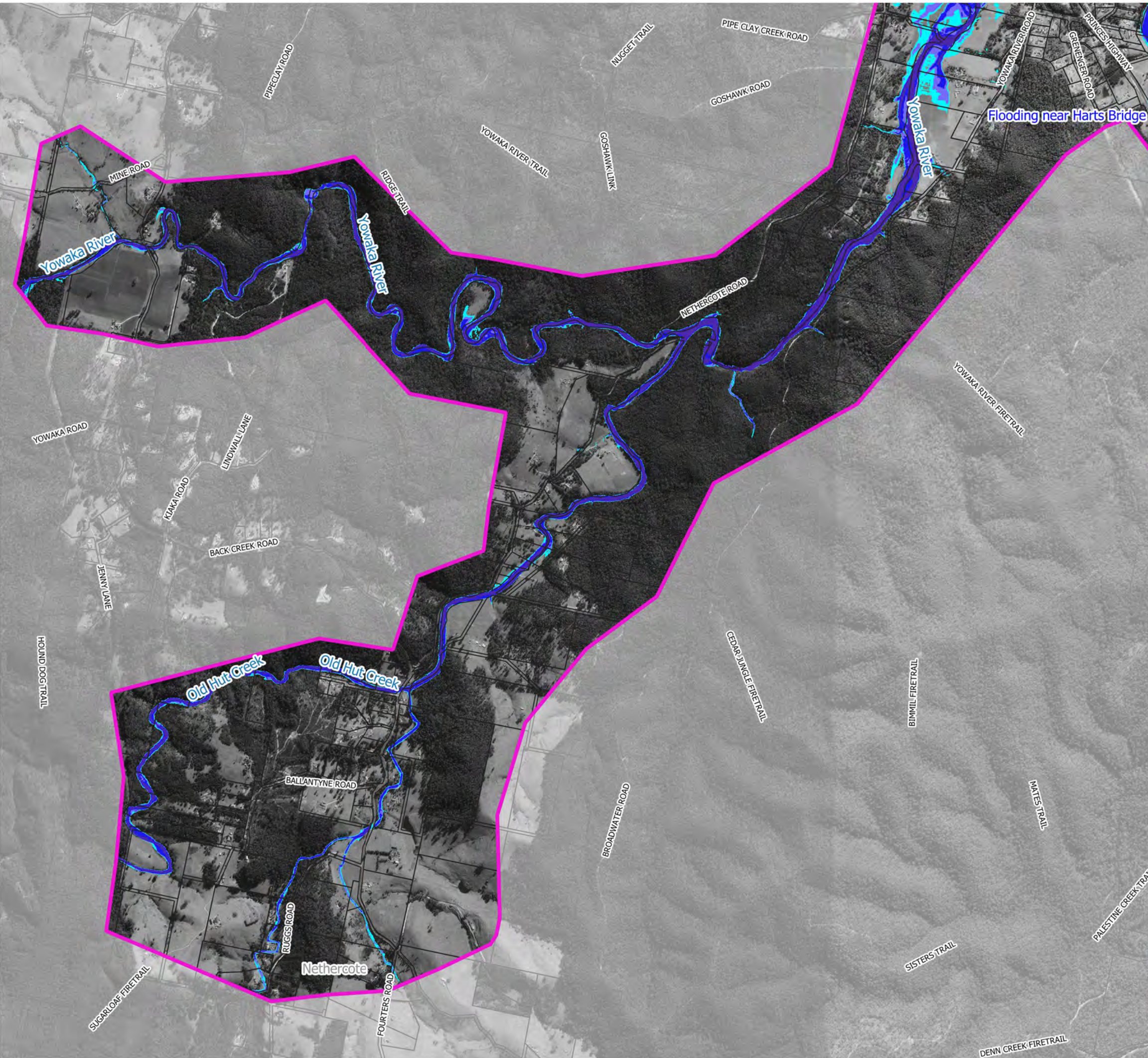
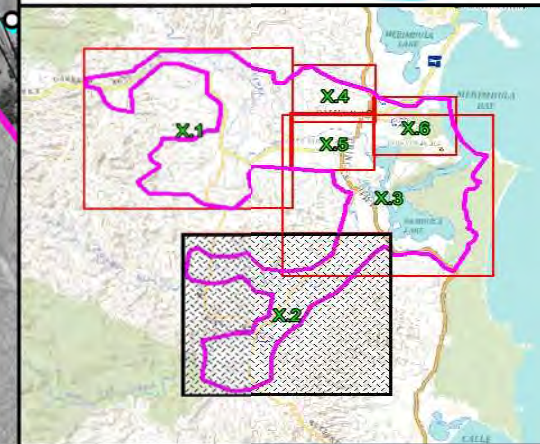


Figure 10.1
Simulated Floodwater Depths
for 2016 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 10 Simulated Floodwater
Depths for 2016 Flood



LEGEND

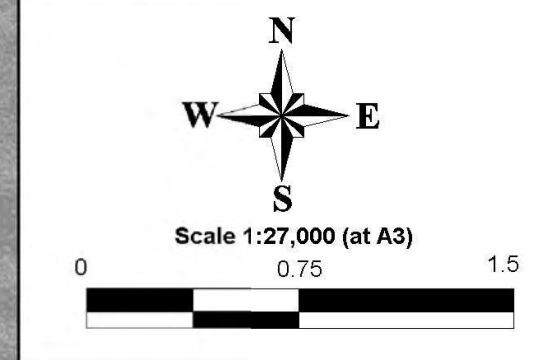
Simulated flood depth (m)

Description of flood depth

Depths (m)

Light Blue	0.1 to 0.5
Medium Blue	0.5 to 1.0
Dark Blue	1.0 to 2.0
Very Dark Blue	2.0 to 5.0
Black	> 5

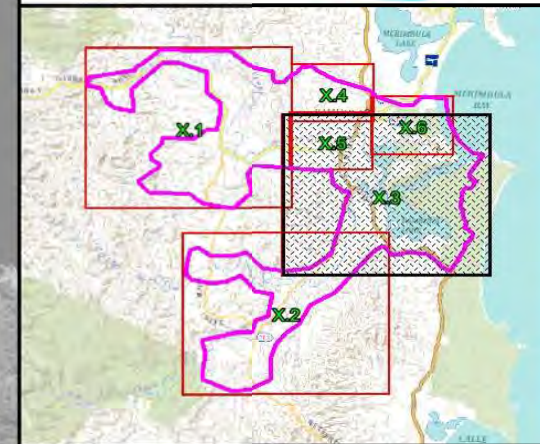
Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed



**Figure 10.2
Simulated Floodwater Depths
for 2016 Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000






File Name: Figure 10 Simulated Floodwater Depths for 2016 Flood



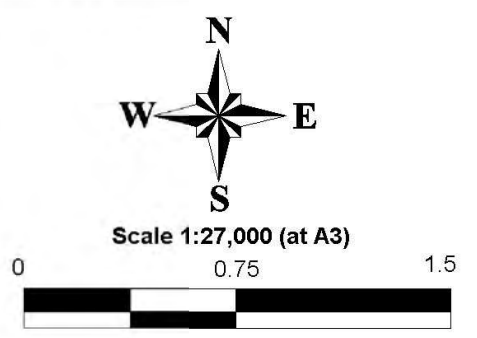
LEGEND

Simulated flood depth (m)

Description of flood depth

Depths (m)	
	0.1 to 0.5
	0.5 to 1.0
	1.0 to 2.0
	2.0 to 5.0
	> 5

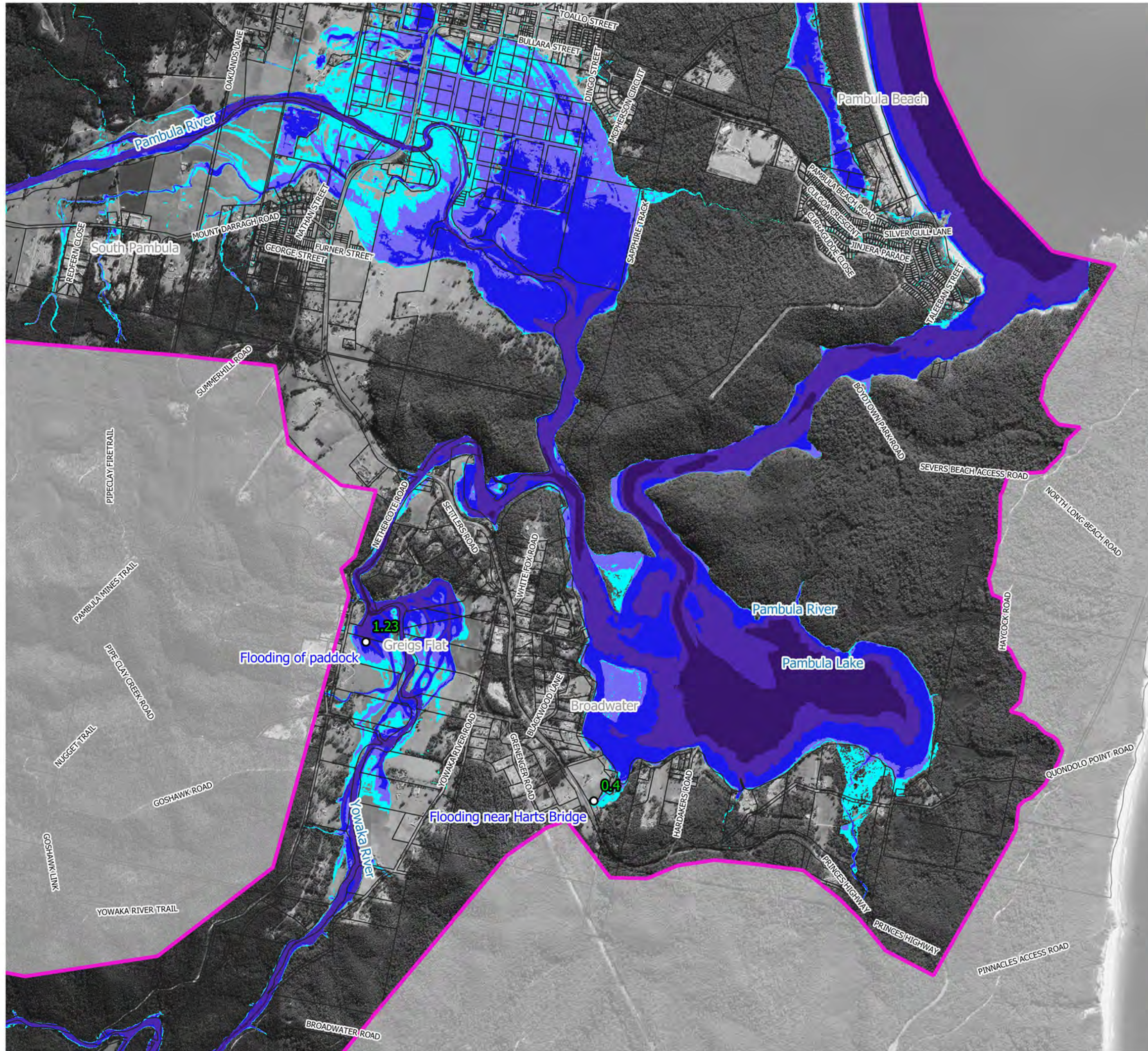
Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

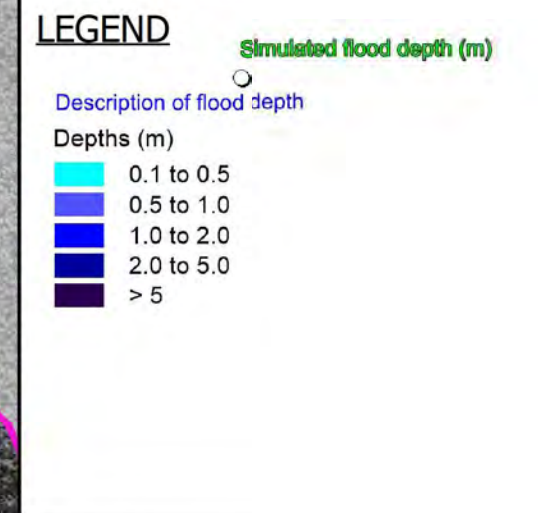
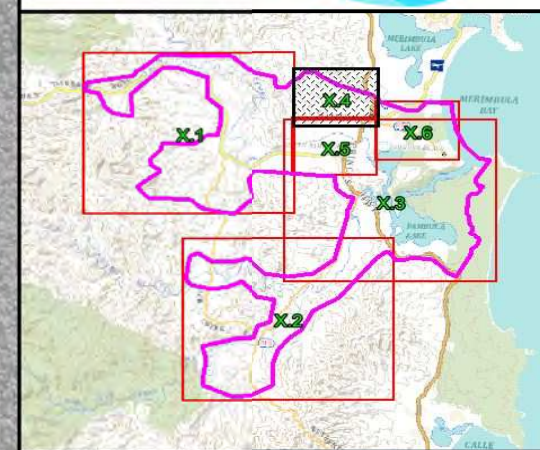


**Figure 10.3
Simulated Floodwater Depths
for 2016 Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 10 Simulated Floodwater Depths for 2016 Flood





Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

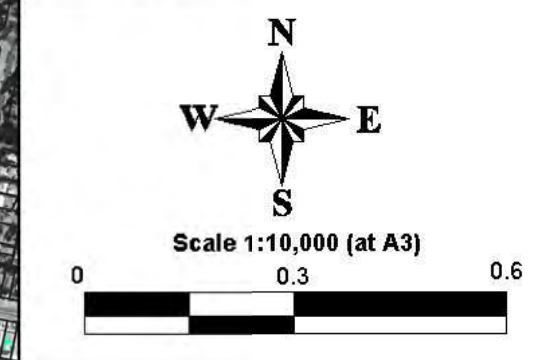
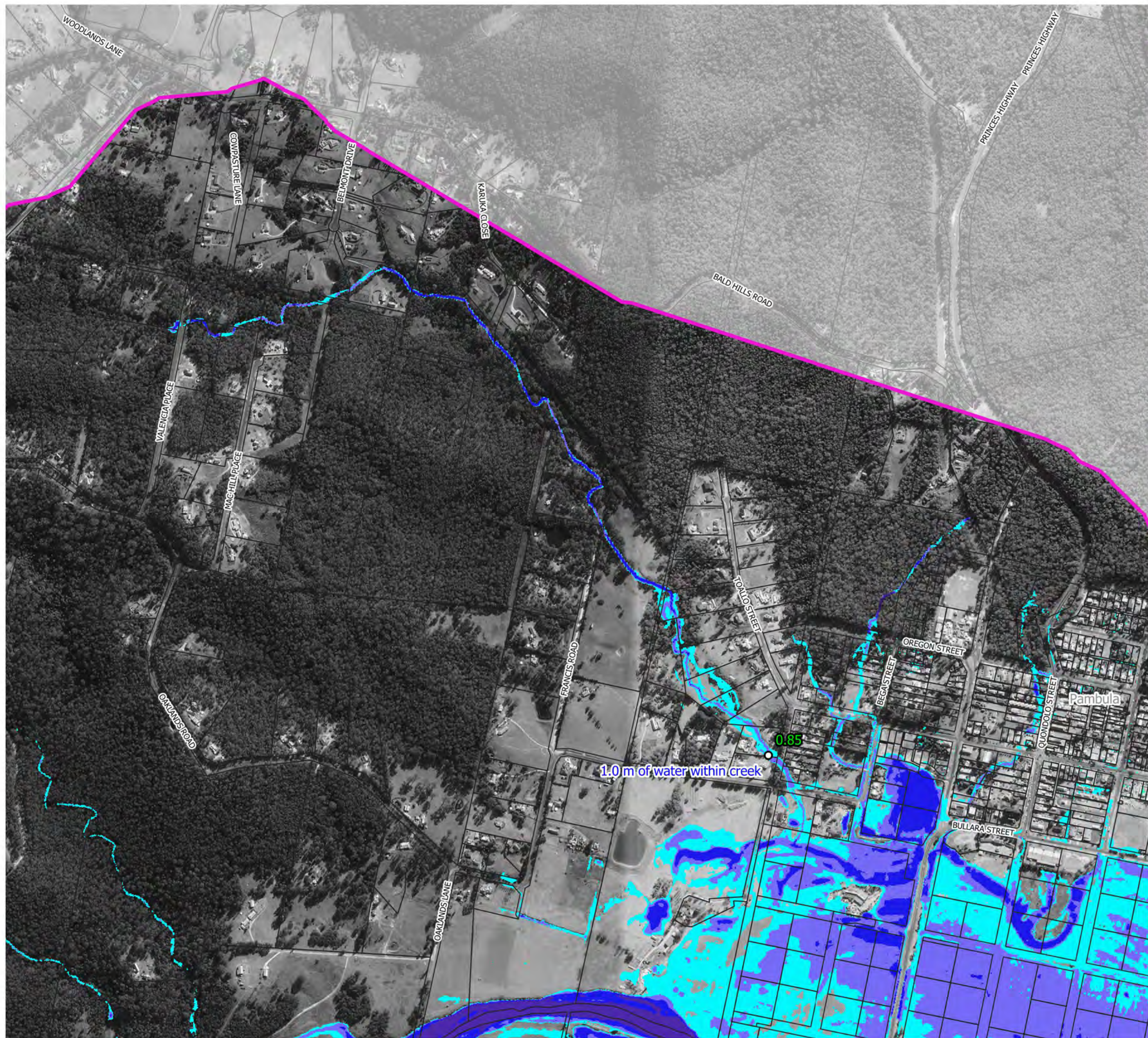
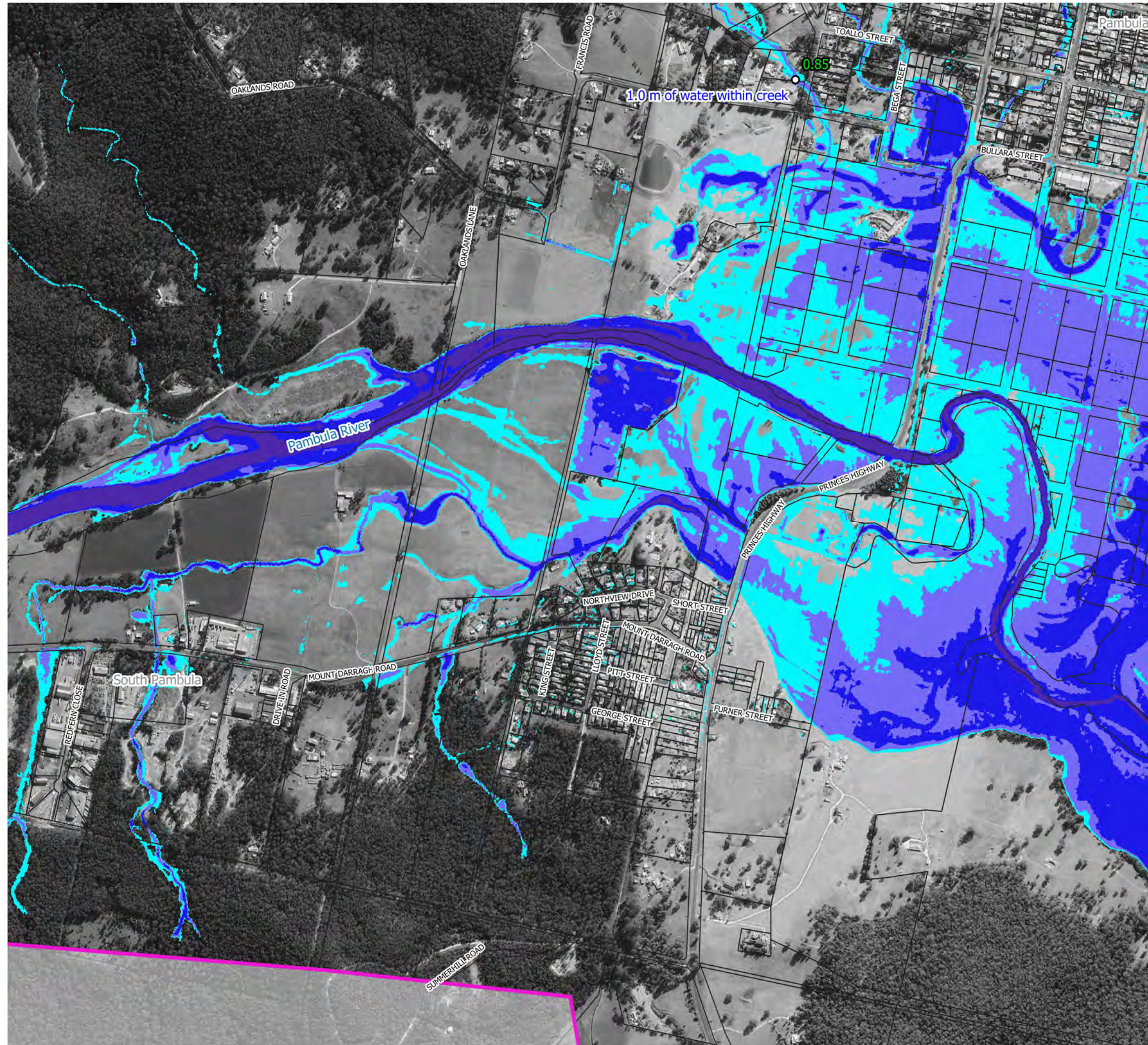
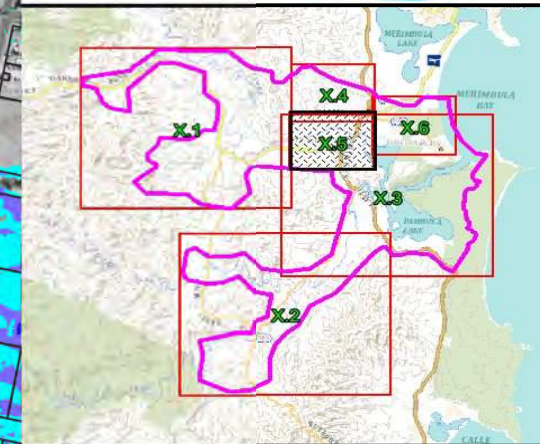


Figure 10.4
Simulated Floodwater Depths
for 2016 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 10 Simulated Floodwater
Depths for 2016 Flood





LEGEND

○ Simulated flood depth (m)

Description of flood depth

Depths (m)

Light Blue	0.1 to 0.5
Medium Blue	0.5 to 1.0
Dark Blue	1.0 to 2.0
Very Dark Blue	2.0 to 5.0
Purple	> 5

Notes:
 Aerial photograph: Google Satellite 2019
 Only areas subject to inundation depths of more than 0.1 metres are displayed

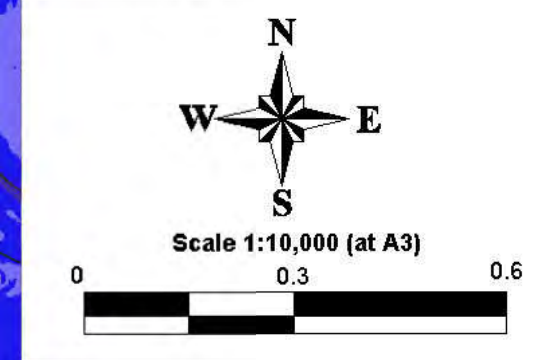

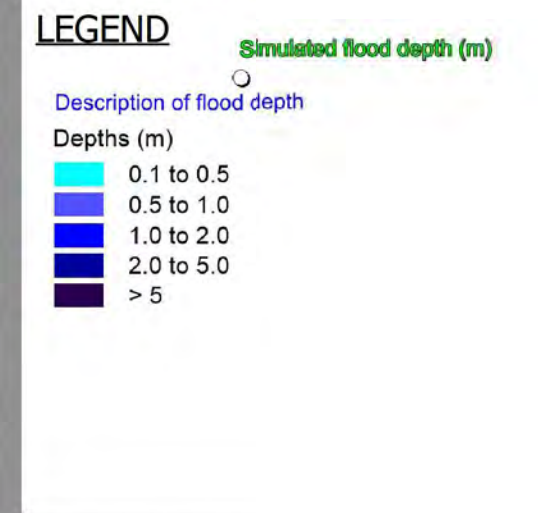
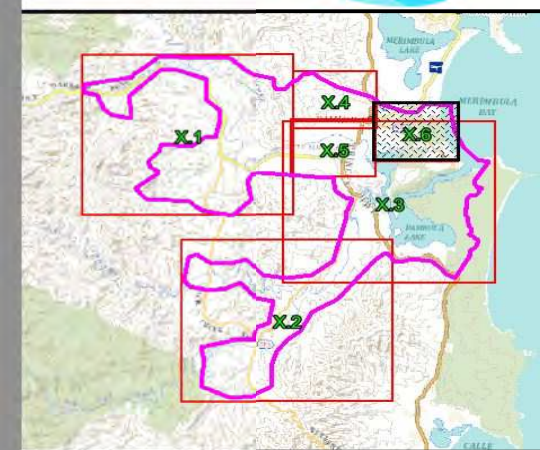


Figure 10.5
Simulated Floodwater Depths
for 2016 Flood

Prepared By:

Catchment Simulation Solutions
 Suite 10.01, 70 Phillip St
 Sydney, NSW 2000

File Name: Figure 10 Simulated Floodwater Depths for 2016 Flood



Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

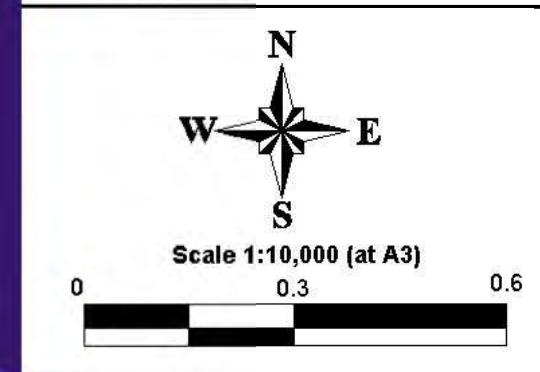
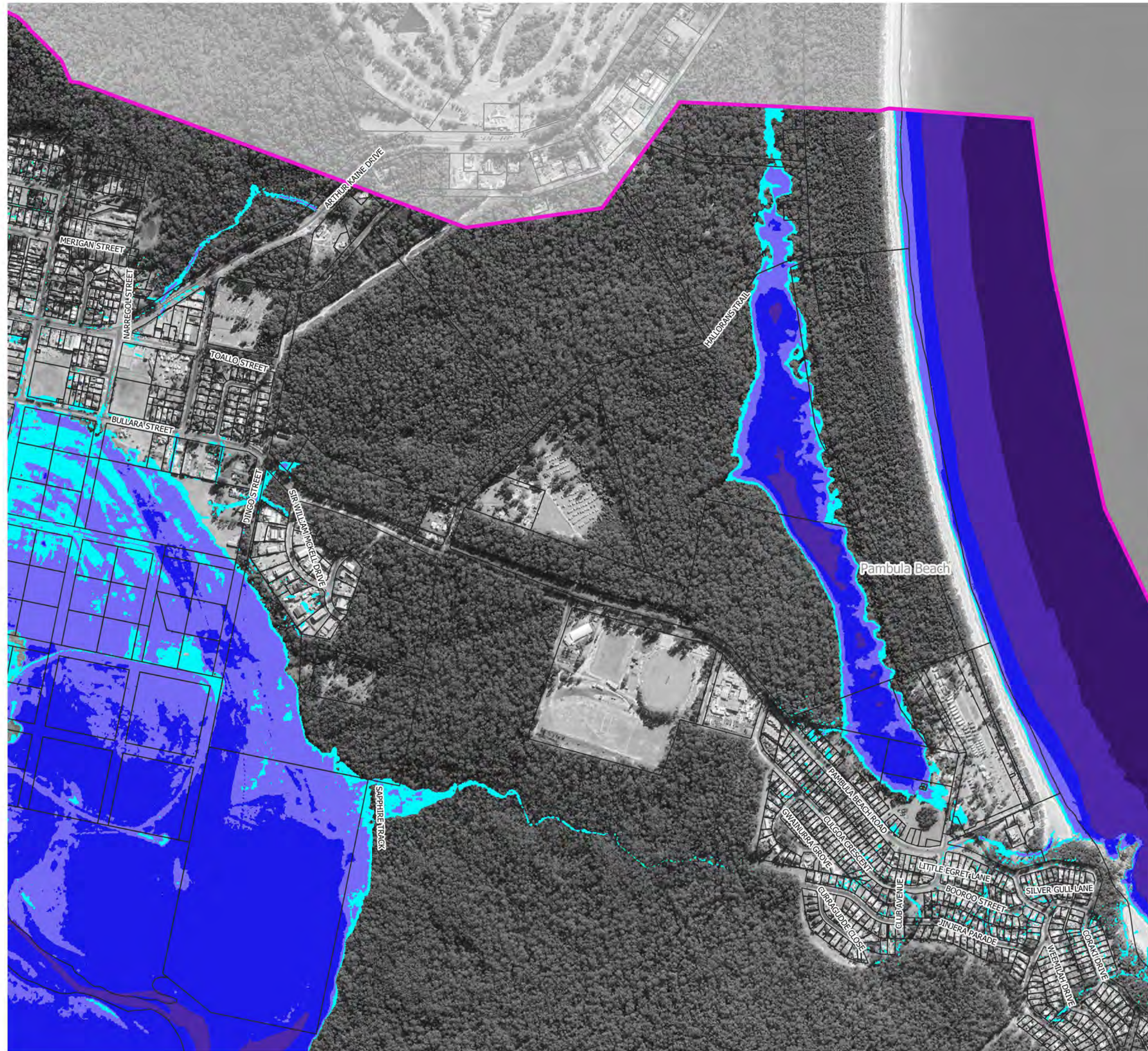


Figure 10.6
Simulated Floodwater Depths
for 2016 Flood











Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 10 Simulated Floodwater
Depths for 2016 Flood

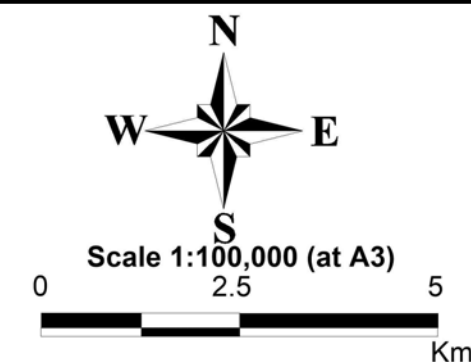




LEGEND

-  Catchment Boundary
 -  Rainfall Isohyet (mm)
 -  Rainfall Gauge Number
 -  Rainfall Recorded Depth
- Rainfall (mm)
-  <= 100
 -  200
 -  300
 -  400
 -  500
 -  >= 600

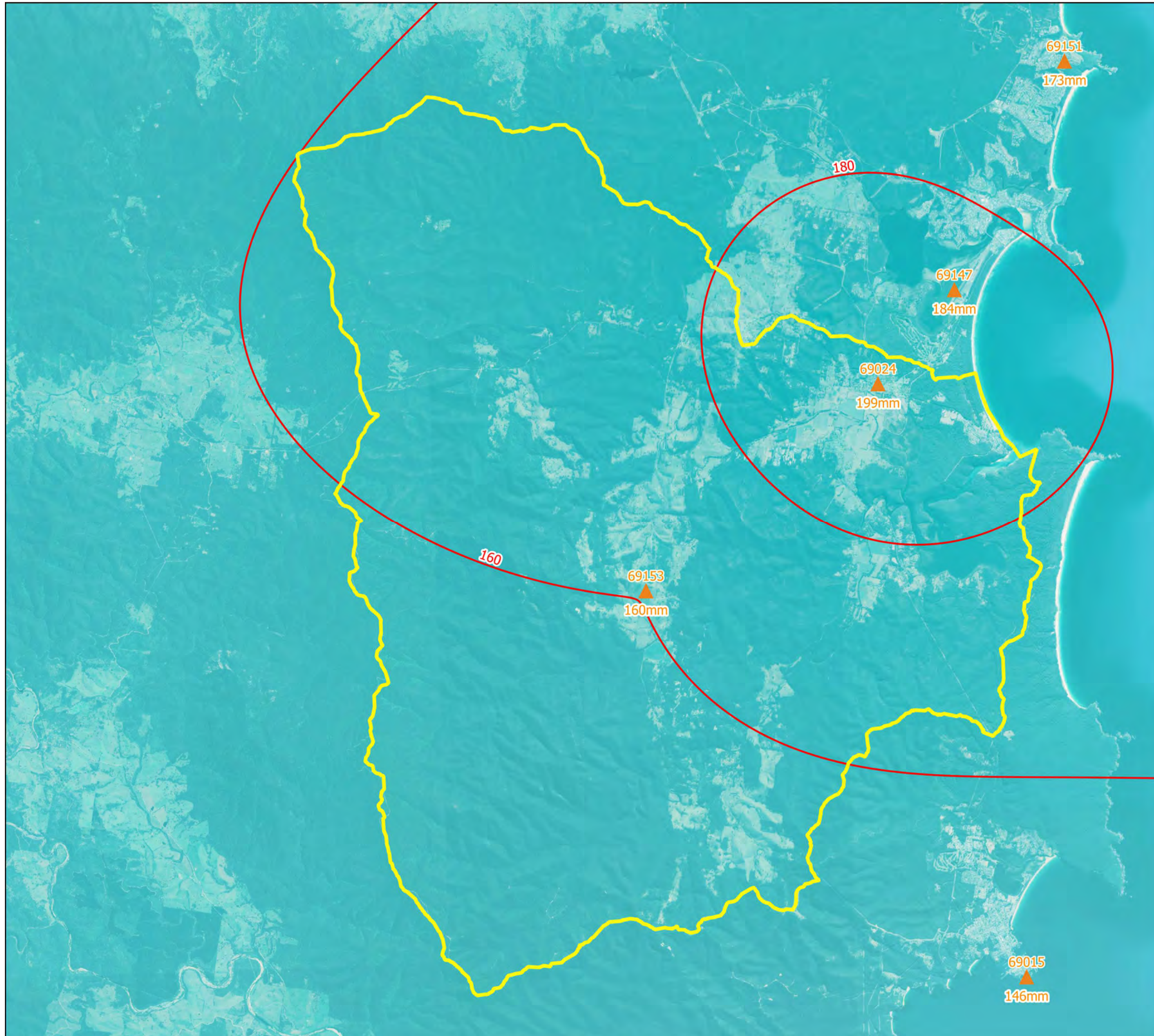
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Aerial photograph: Google Satellite 2019

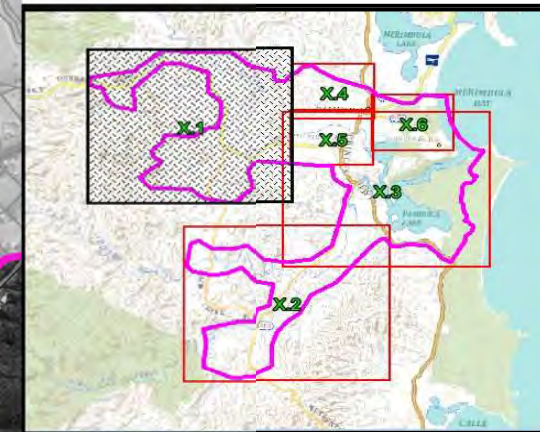


**Figure 11:
Isohyet Map for
2012 Storm**

Prepared By:
 Catchment Simulation Solutions
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Isohyet 2012 storm










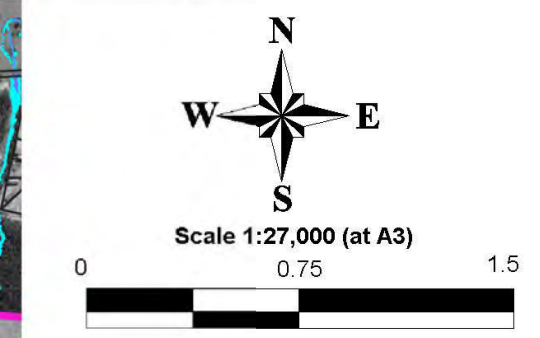
LEGEND

Simulated flood depth (m)


Description of flood depth

Depths (m)	
	0.1 to 0.5
	0.5 to 1.0
	1.0 to 2.0
	2.0 to 5.0
	> 5

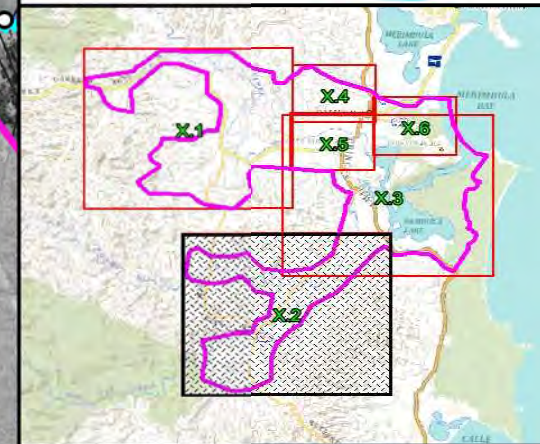
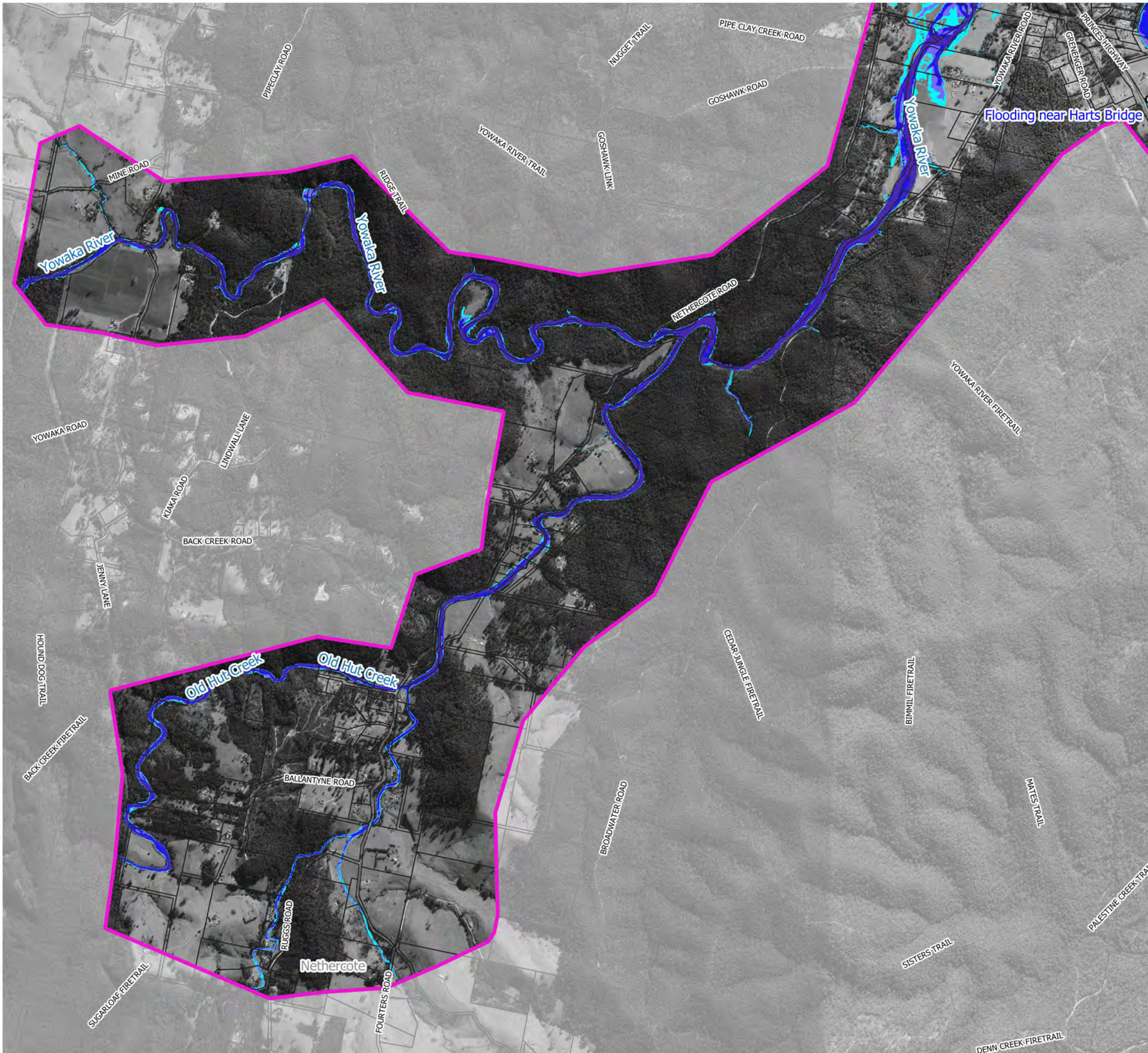
Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed



**Figure 12.1
Simulated Floodwater Depths
for 2012 Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater Depths for 2012 Flood








LEGEND

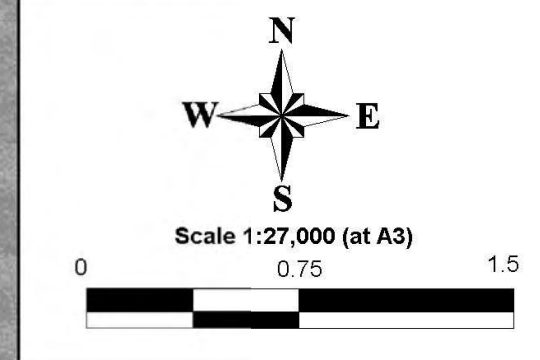
Simulated flood depth (m)

Description of flood depth

Depths (m)

	0.1 to 0.5
	0.5 to 1.0
	1.0 to 2.0
	2.0 to 5.0
	> 5

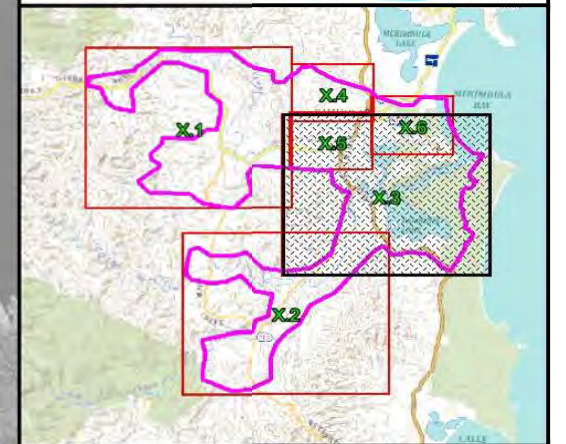
Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed



**Figure 12.2
Simulated Floodwater Depths
for 2012 Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater Depths for 2012 Flood








LEGEND

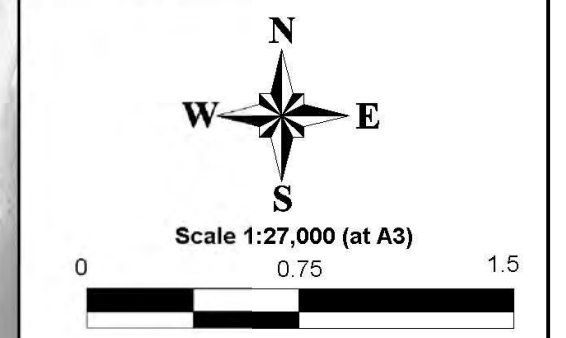
Simulated flood depth (m)

Description of flood depth

Depths (m)

	0.1 to 0.5
	0.5 to 1.0
	1.0 to 2.0
	2.0 to 5.0
	> 5

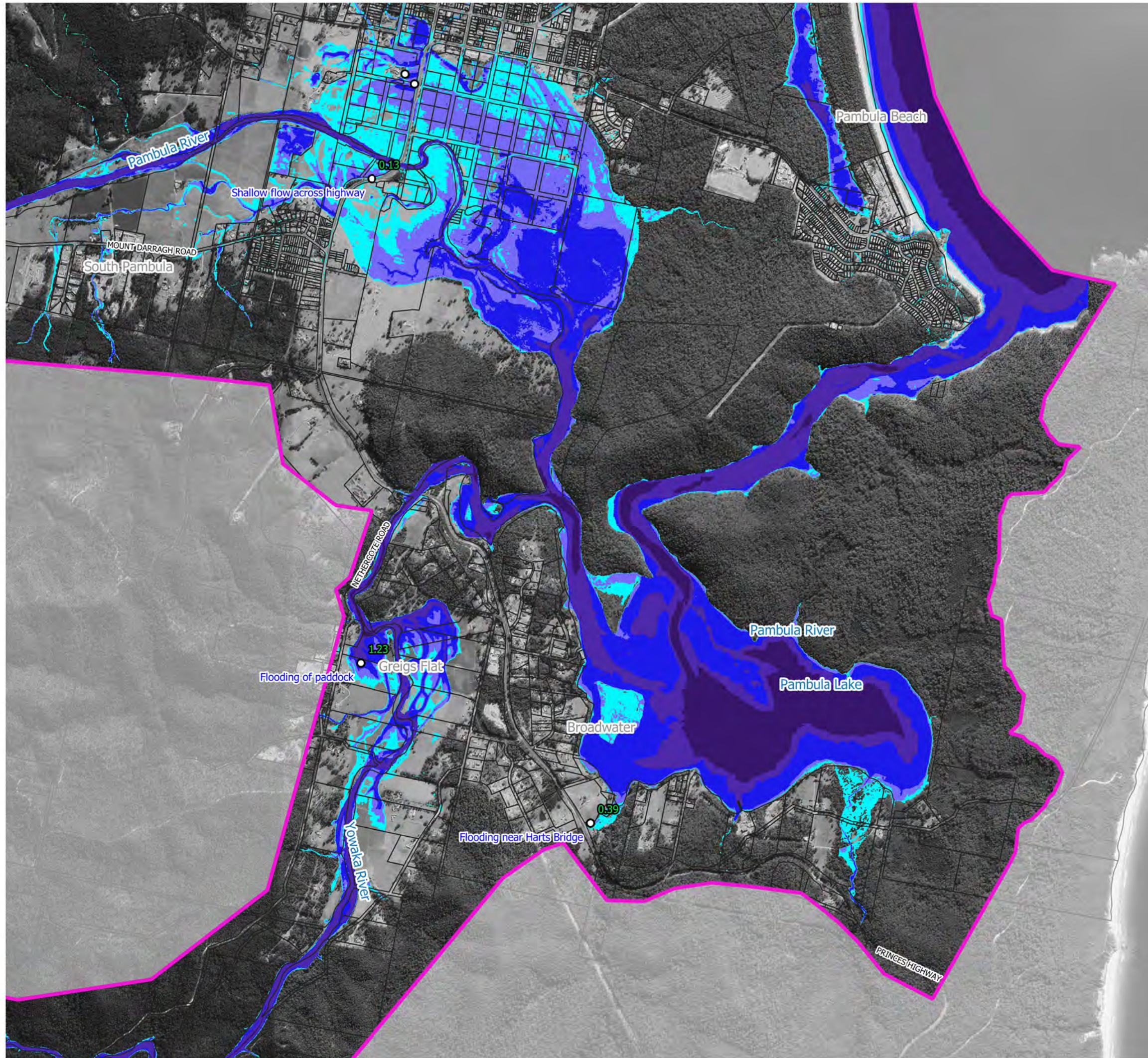
Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

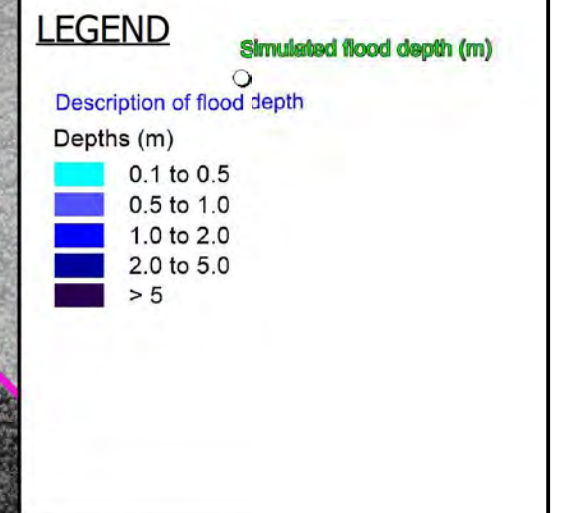
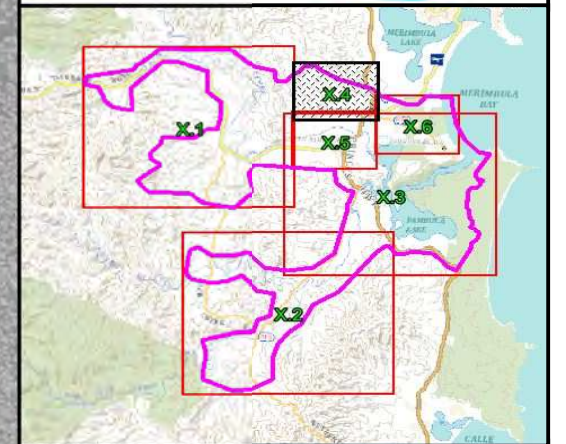


**Figure 12.3
Simulated Floodwater Depths
for 2012 Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater Depths for 2012 Flood





Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

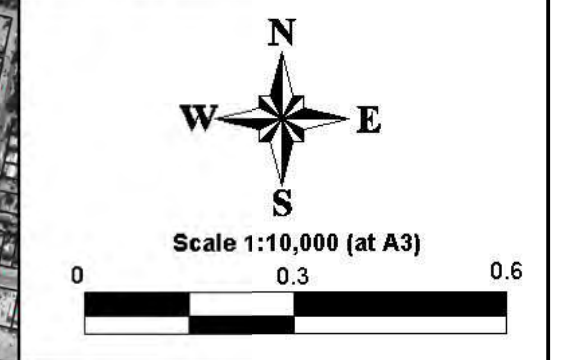
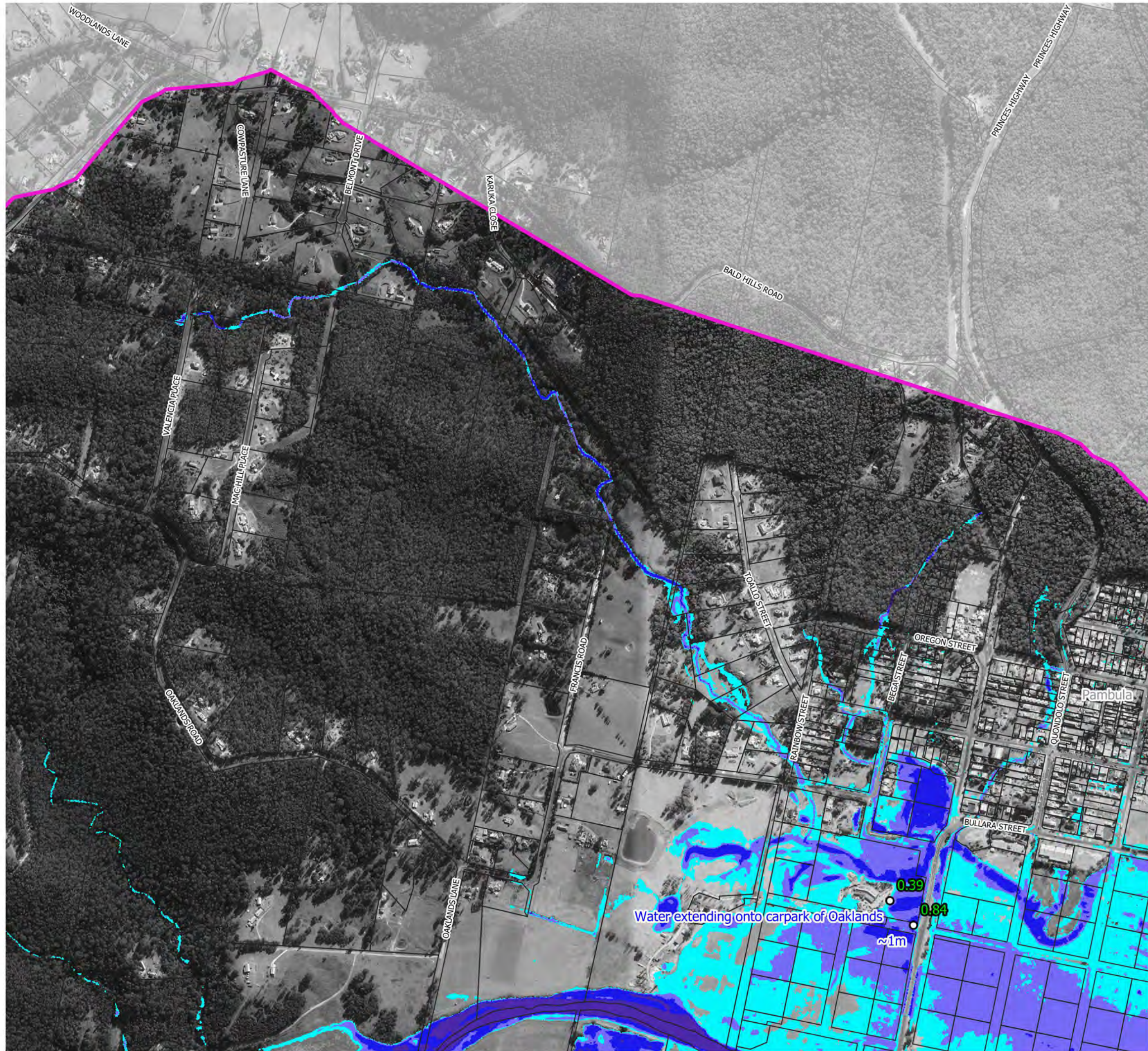
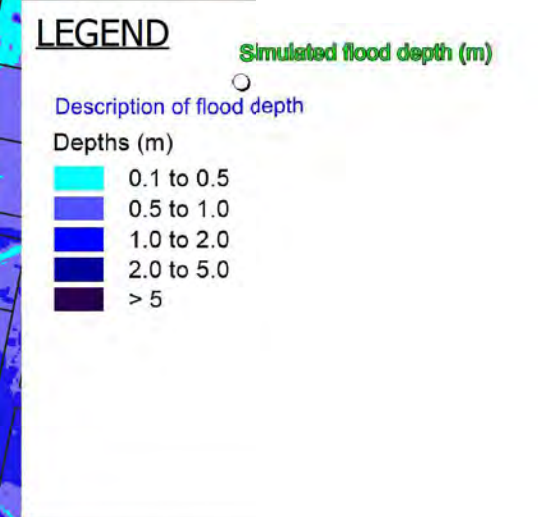
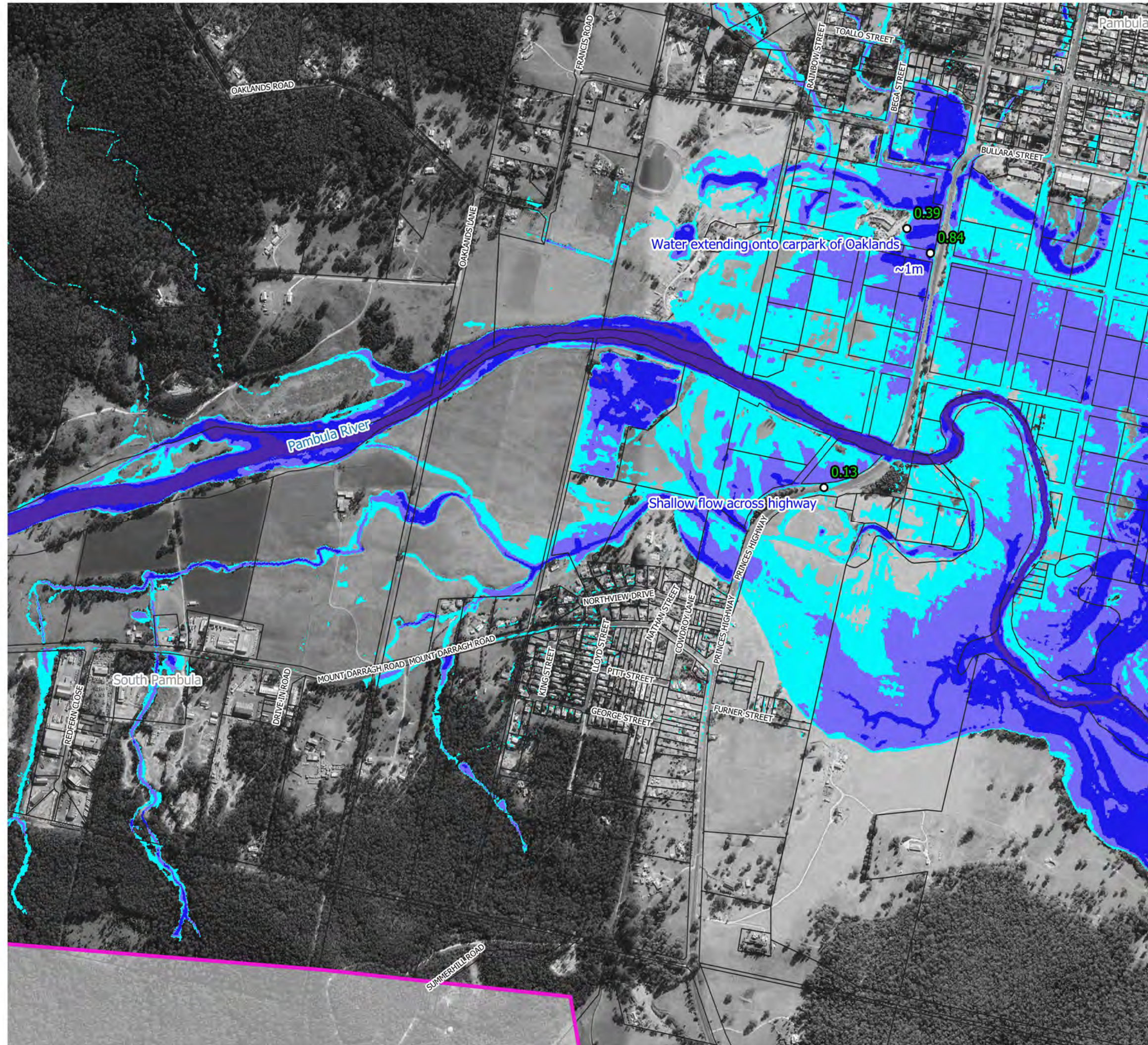
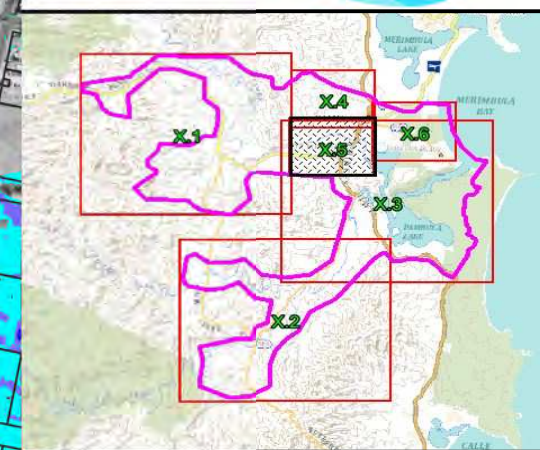


Figure 12.4
Simulated Floodwater Depths
for 2012 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater Depths for 2012 Flood





Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

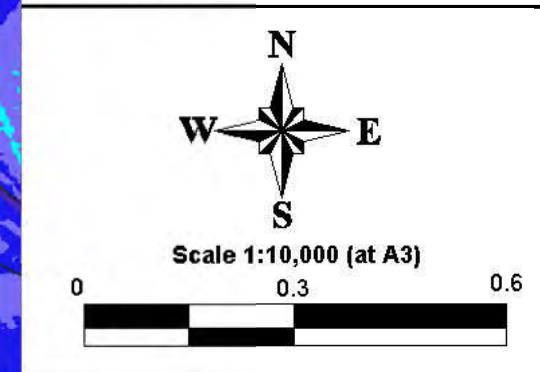
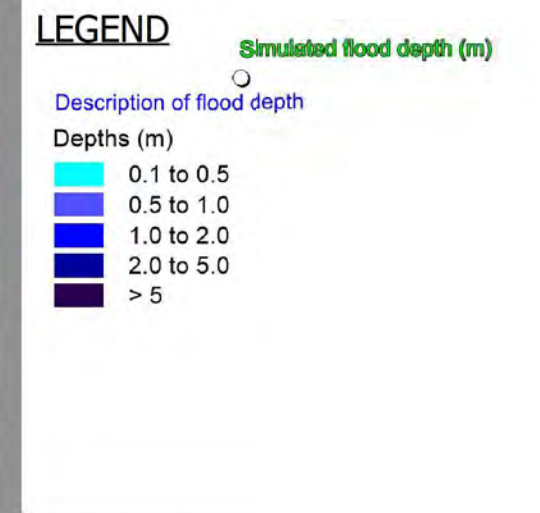
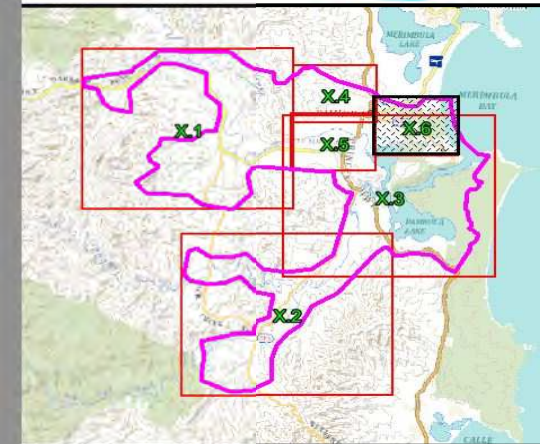


Figure 12.5
Simulated Floodwater Depths
for 2012 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater Depths for 2012 Flood



Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

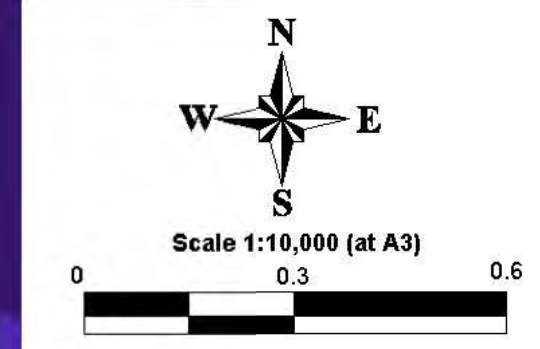

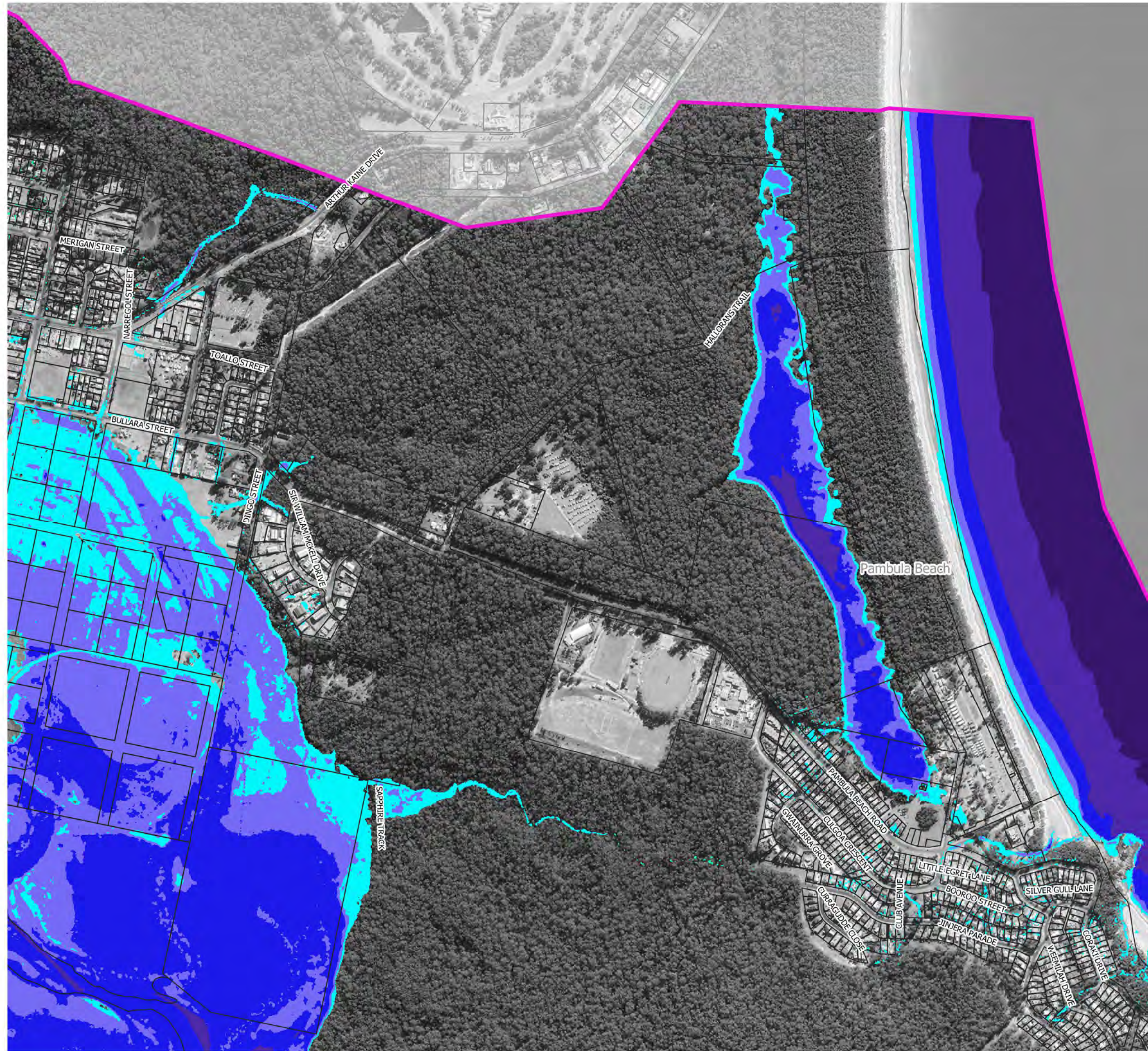
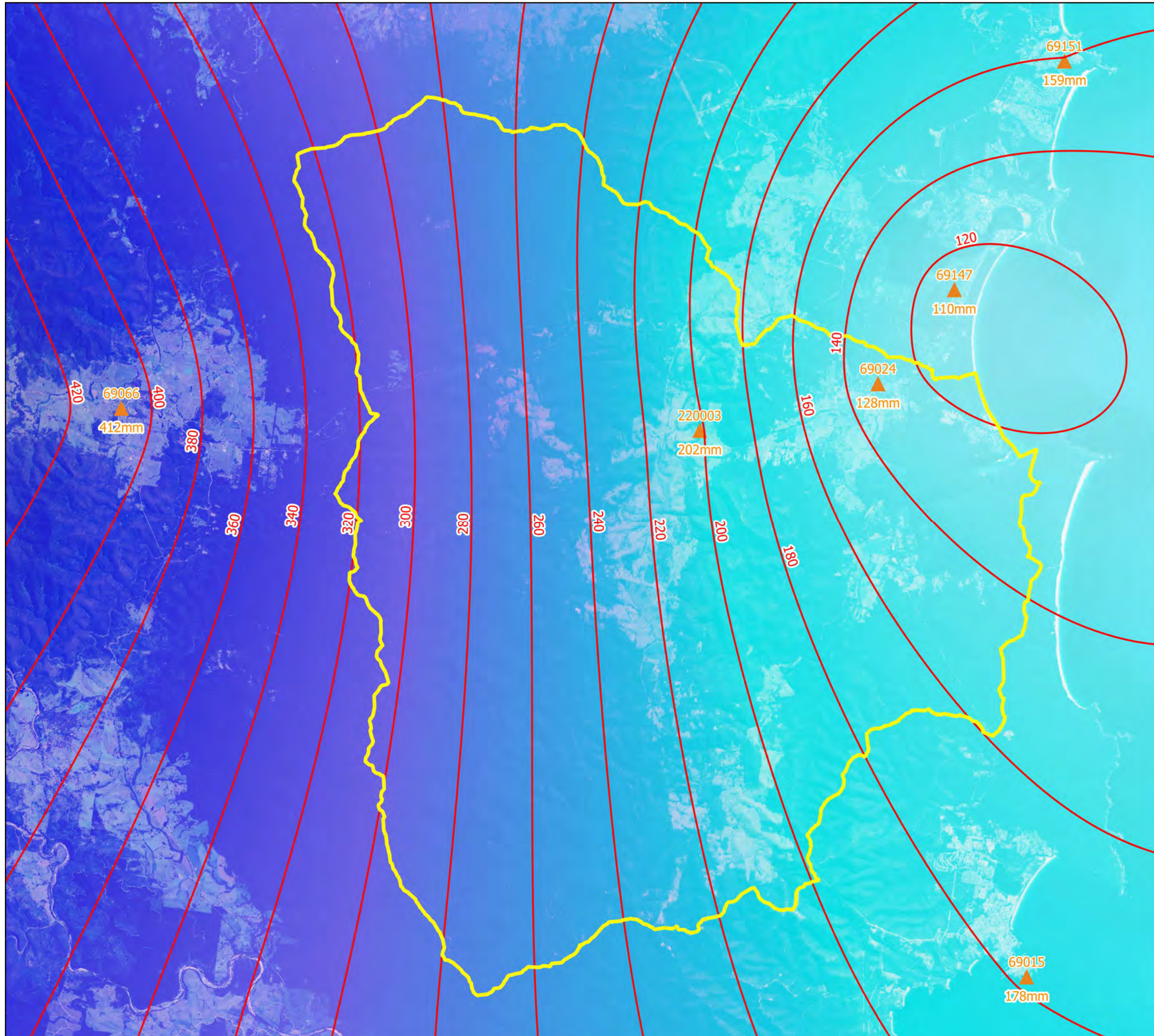


Figure 12.6
Simulated Floodwater Depths
for 2012 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater Depths for 2012 Flood





LEGEND

- Catchment Boundary
- Rainfall Isohyet (mm)
- Rainfall Gauge Number
- Rainfall Recorded Depth

Rainfall (mm)

- <= 100
- 200
- 300
- 400
- 500
- >= 600

Notes:
Aerial photograph: Google Satellite 2019

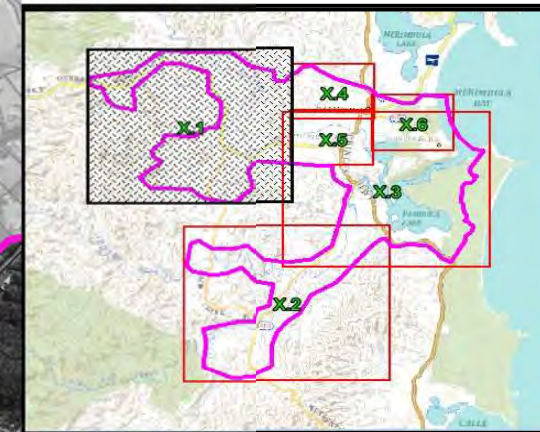
Scale 1:100,000 (at A3)

0 2.5 5 Km

**Figure 13:
Isohyet Map for
2011 Storm**

Prepared By:
 Catchment Simulation Solutions
Suite 10.01, 70 Phillip St
Sydney, NSW 2000






File Name: Isohyet 2011 storm



LEGEND

Simulated flood depth (m)

Description of flood depth

Depths (m)	
	0.1 to 0.5
	0.5 to 1.0
	1.0 to 2.0
	2.0 to 5.0
	> 5

Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

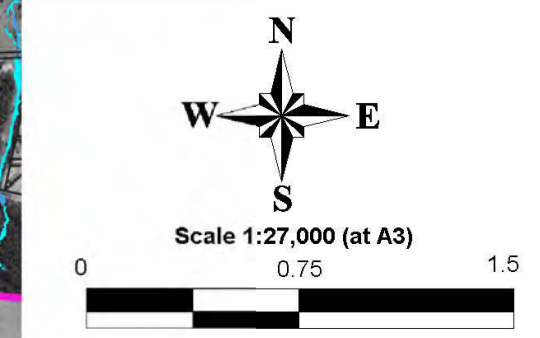

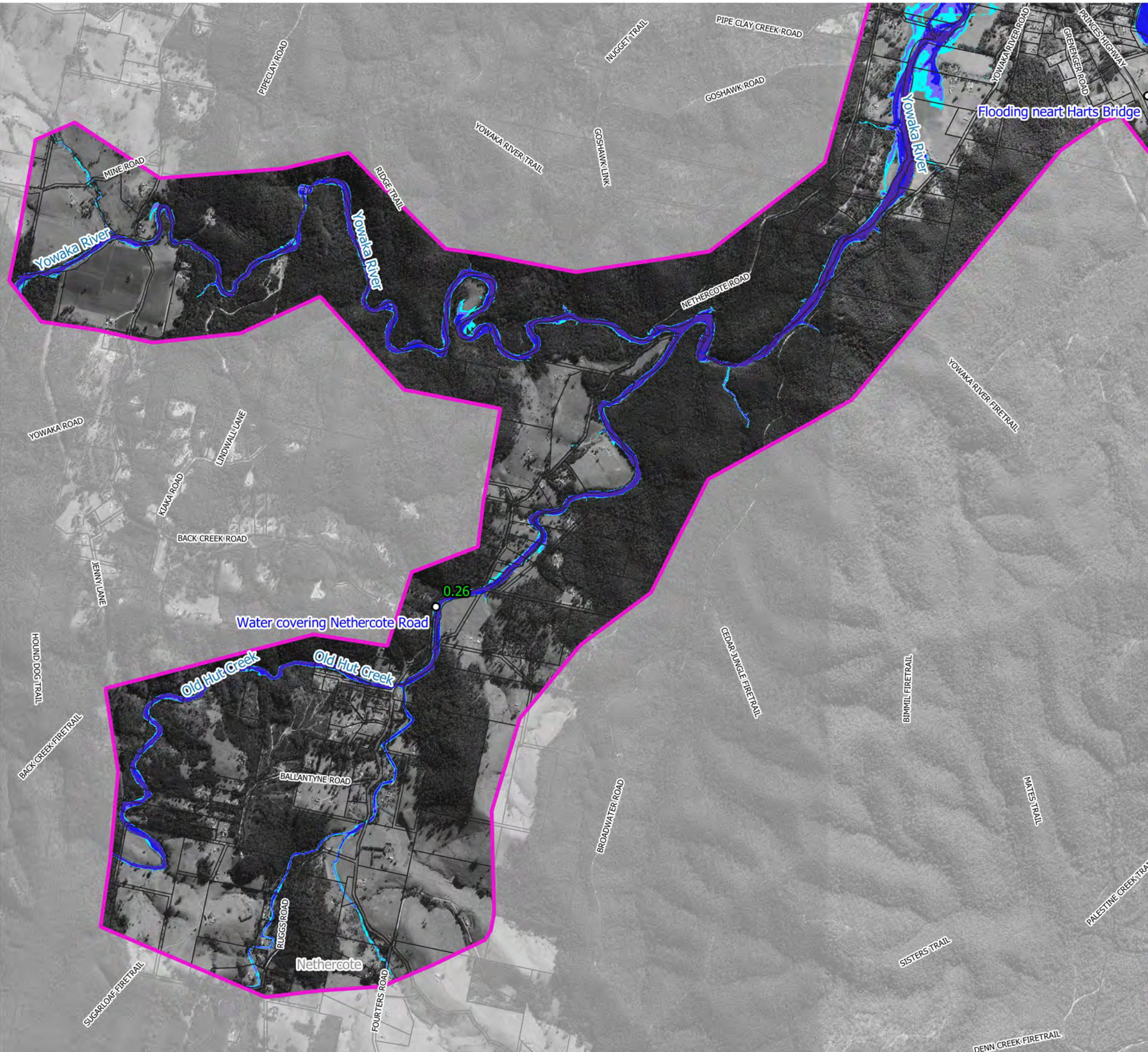
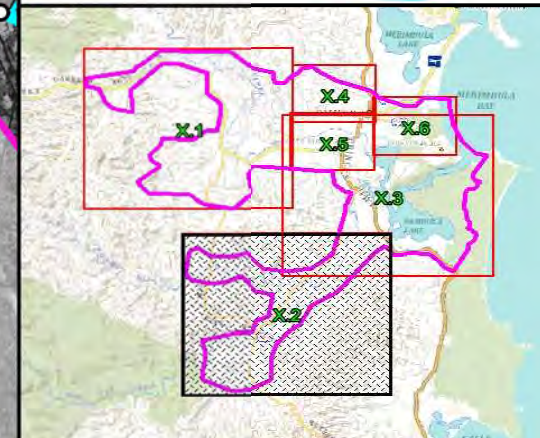


Figure 14.1
Simulated Floodwater Depths
for 2011 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 14 Simulated Floodwater Depths for 2011 Flood



LEGEND

Simulated flood depth (m)

Description of flood depth

Depths (m)

Light Blue	0.1 to 0.5
Medium Blue	0.5 to 1.0
Dark Blue	1.0 to 2.0
Very Dark Blue	2.0 to 5.0
Purple	> 5

Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

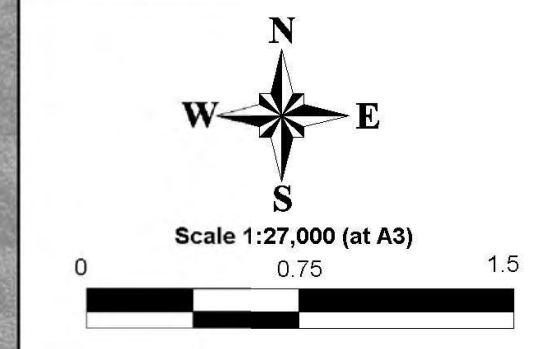
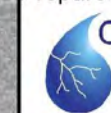
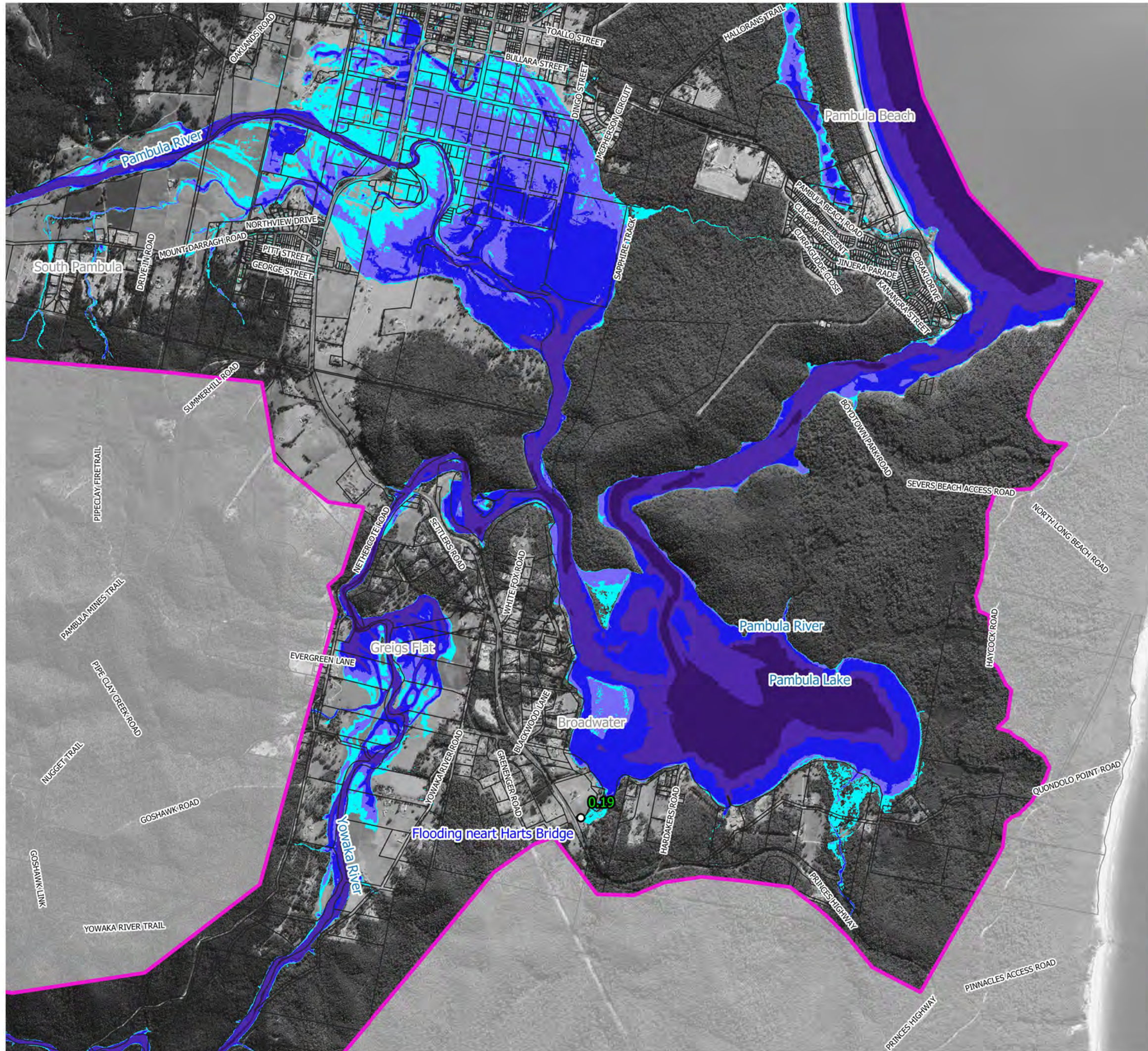
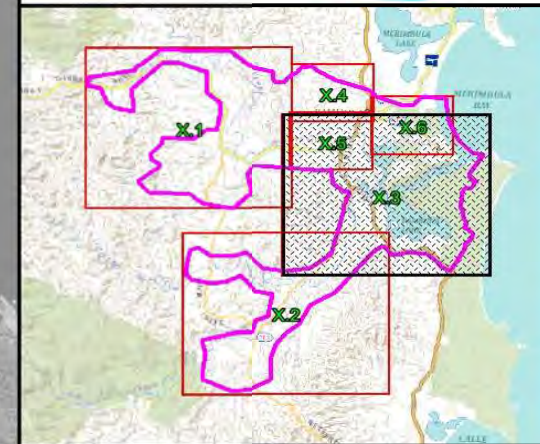


Figure 14.2
Simulated Floodwater Depths
for 2011 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 14 Simulated Floodwater
Depths for 2011 Flood



LEGEND

Simulated flood depth (m)

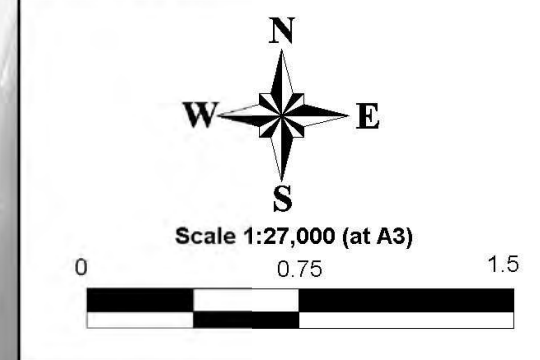
Description of flood depth

Depths (m)

Light Blue	0.1 to 0.5
Medium Blue	0.5 to 1.0
Dark Blue	1.0 to 2.0
Very Dark Blue	2.0 to 5.0
Dark Purple	> 5


Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

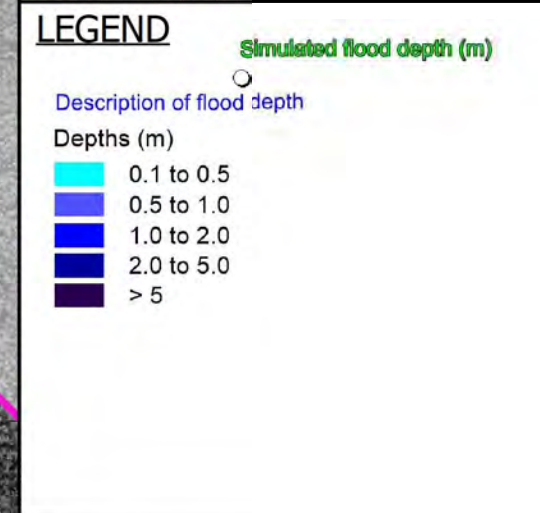
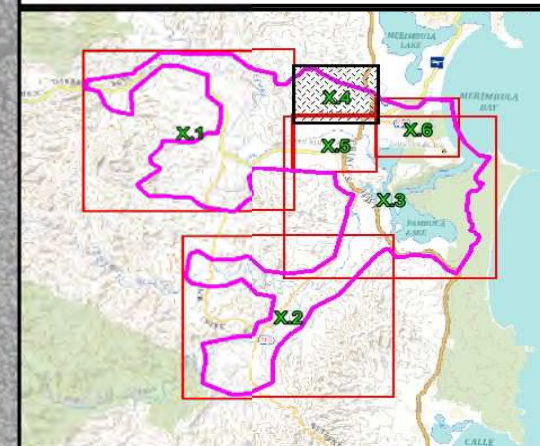
Scale 1:27,000 (at A3)



0 0.75 1.5

Figure 14.3
Simulated Floodwater Depths
for 2011 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000



Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

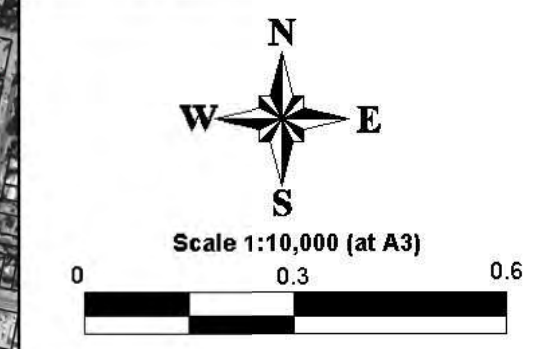

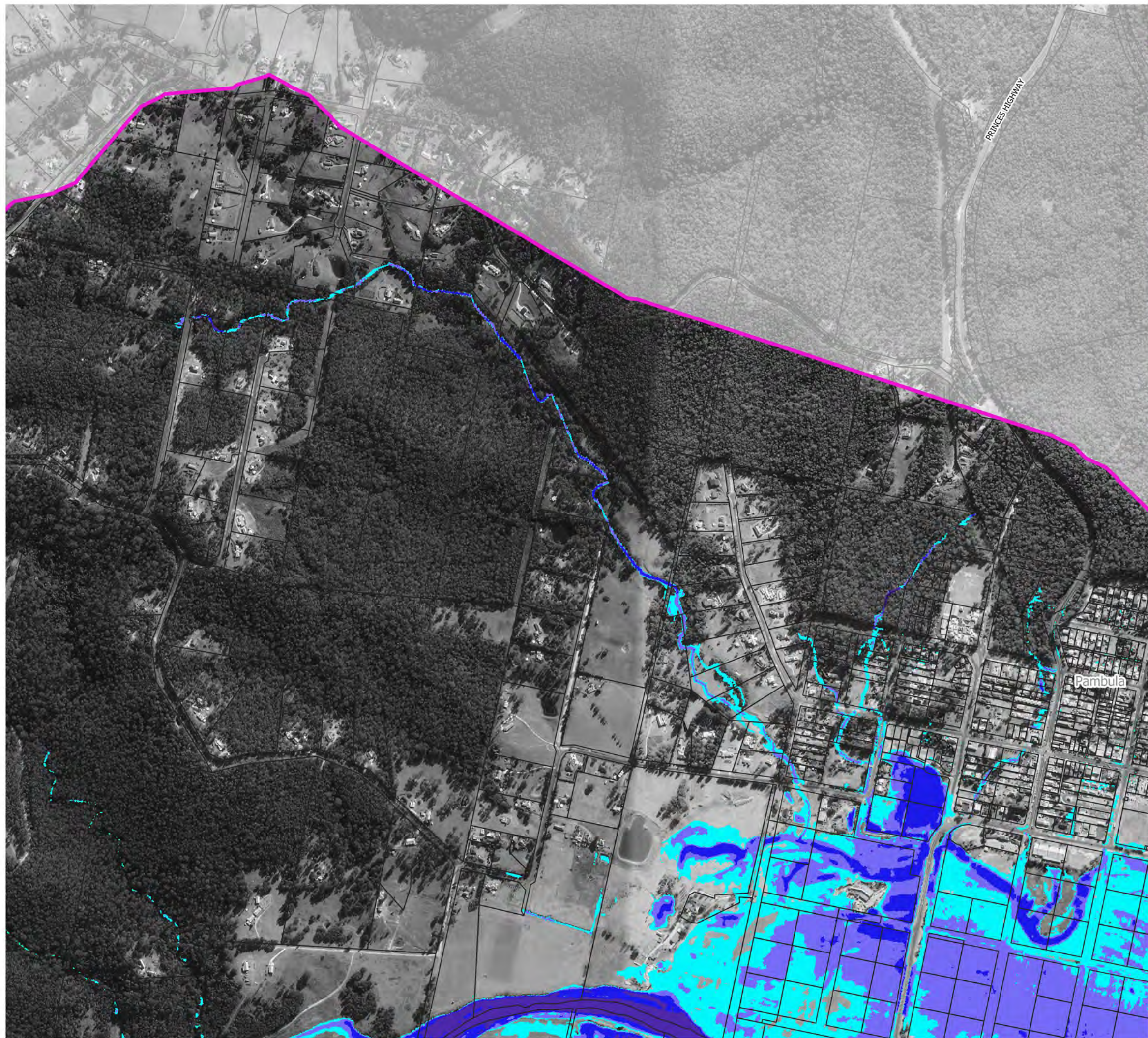
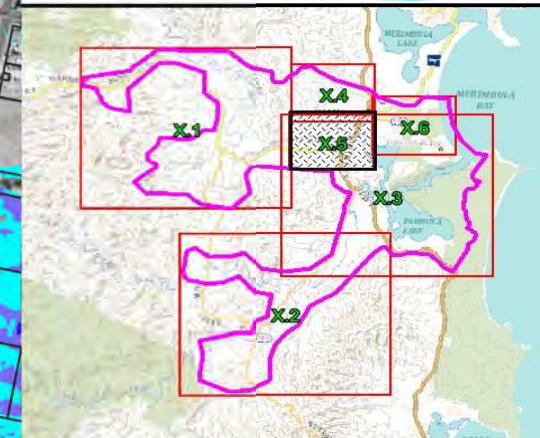
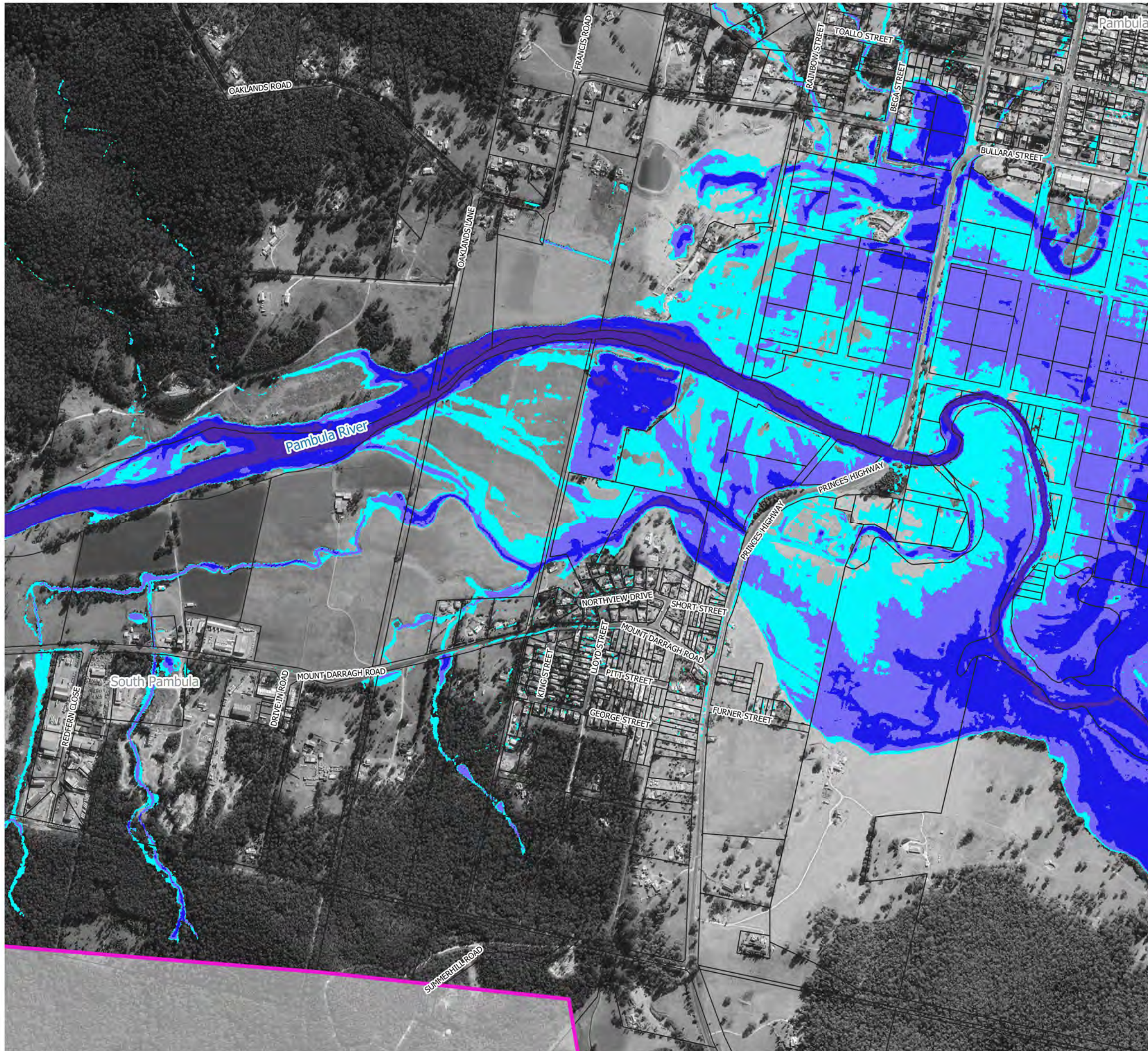


Figure 14.4
Simulated Floodwater Depths
for 2011 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 14 Simulated Floodwater
Depths for 2011 Flood





LEGEND ○ Simulated flood depth (m)

Description of flood depth

Depths (m)

	0.1 to 0.5
	0.5 to 1.0
	1.0 to 2.0
	2.0 to 5.0
	> 5

Notes:
 Aerial photograph: Google Satellite 2019
 Only areas subject to inundation depths of more than 0.1 metres are displayed

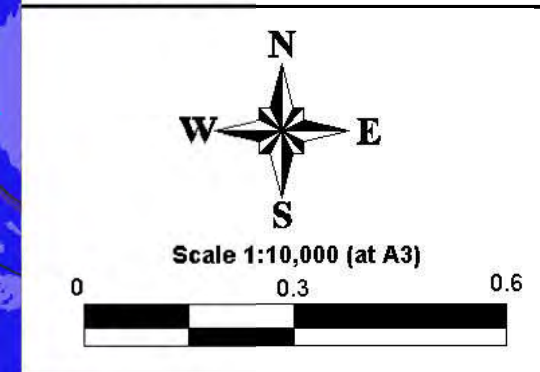
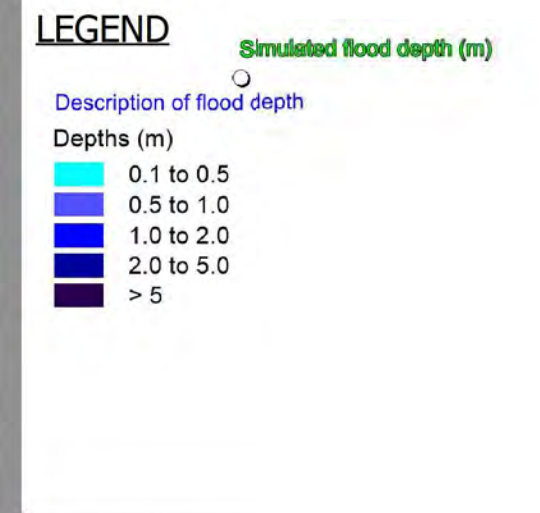
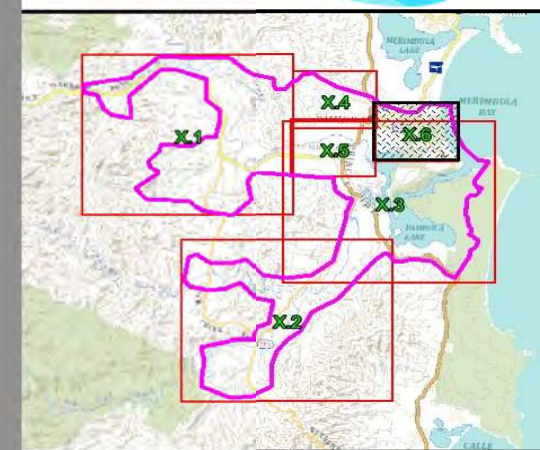


Figure 14.5
Simulated Floodwater Depths
for 2011 Flood

Prepared By:
Catchment Simulation Solutions
 Suite 10.01, 70 Phillip St
 Sydney, NSW 2000

File Name: Figure 14 Simulated Floodwater Depths for 2011 Flood



Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

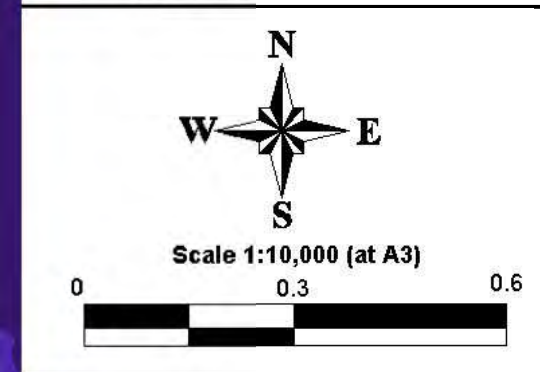
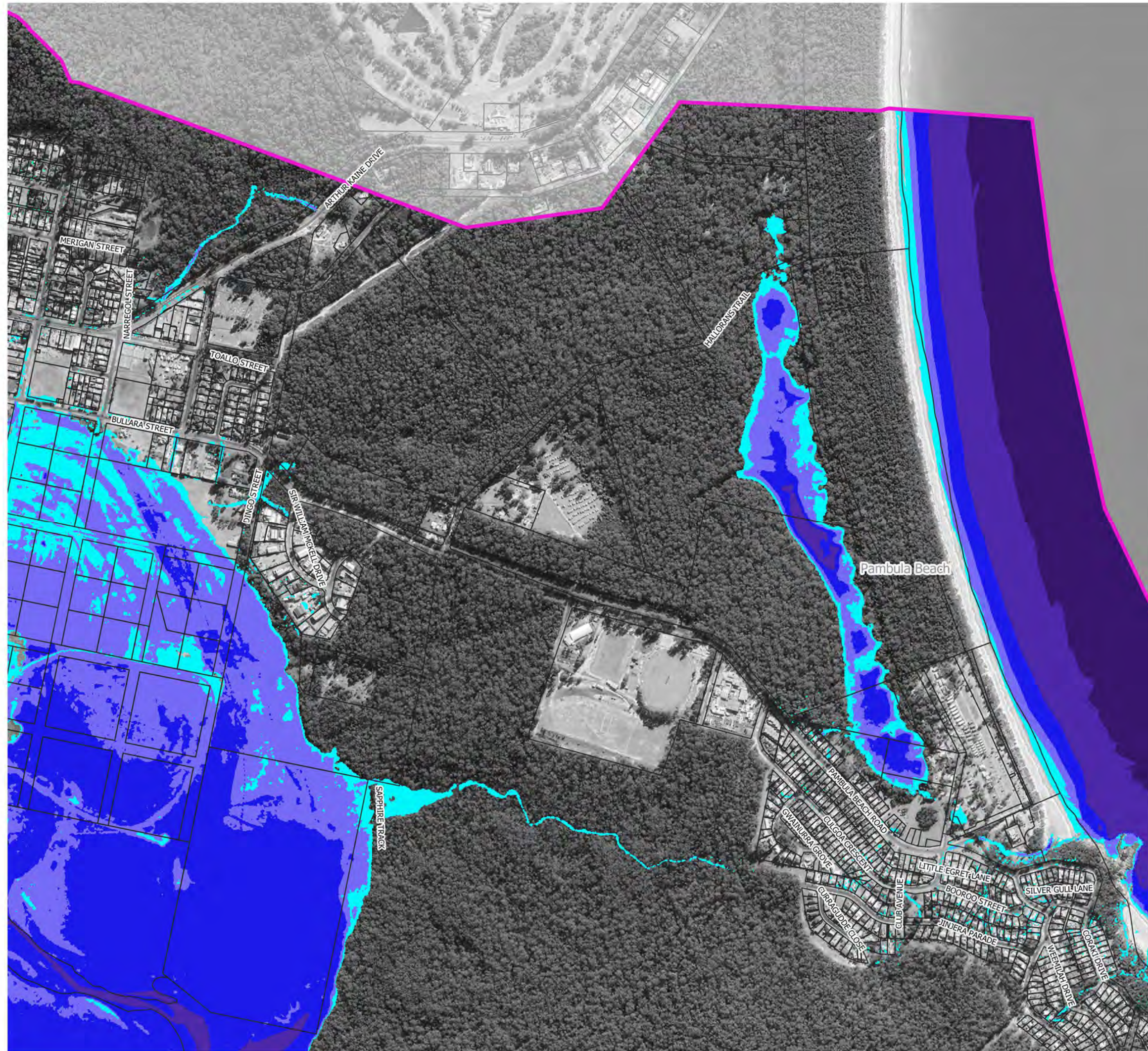


Figure 14.6
Simulated Floodwater Depths
for 2011 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 14 Simulated Floodwater
Depths for 2011 Flood





LEGEND

- Catchment Boundary
- Rainfall Isohyet (mm)
- Rainfall Gauge Number
- Rainfall Recorded Depth

Rainfall (mm)

- ≤ 100
- 200
- 300
- 400
- 500
- ≥ 600

Notes:
Aerial photograph: Google Satellite 2019

Scale 1:100,000 (at A3)

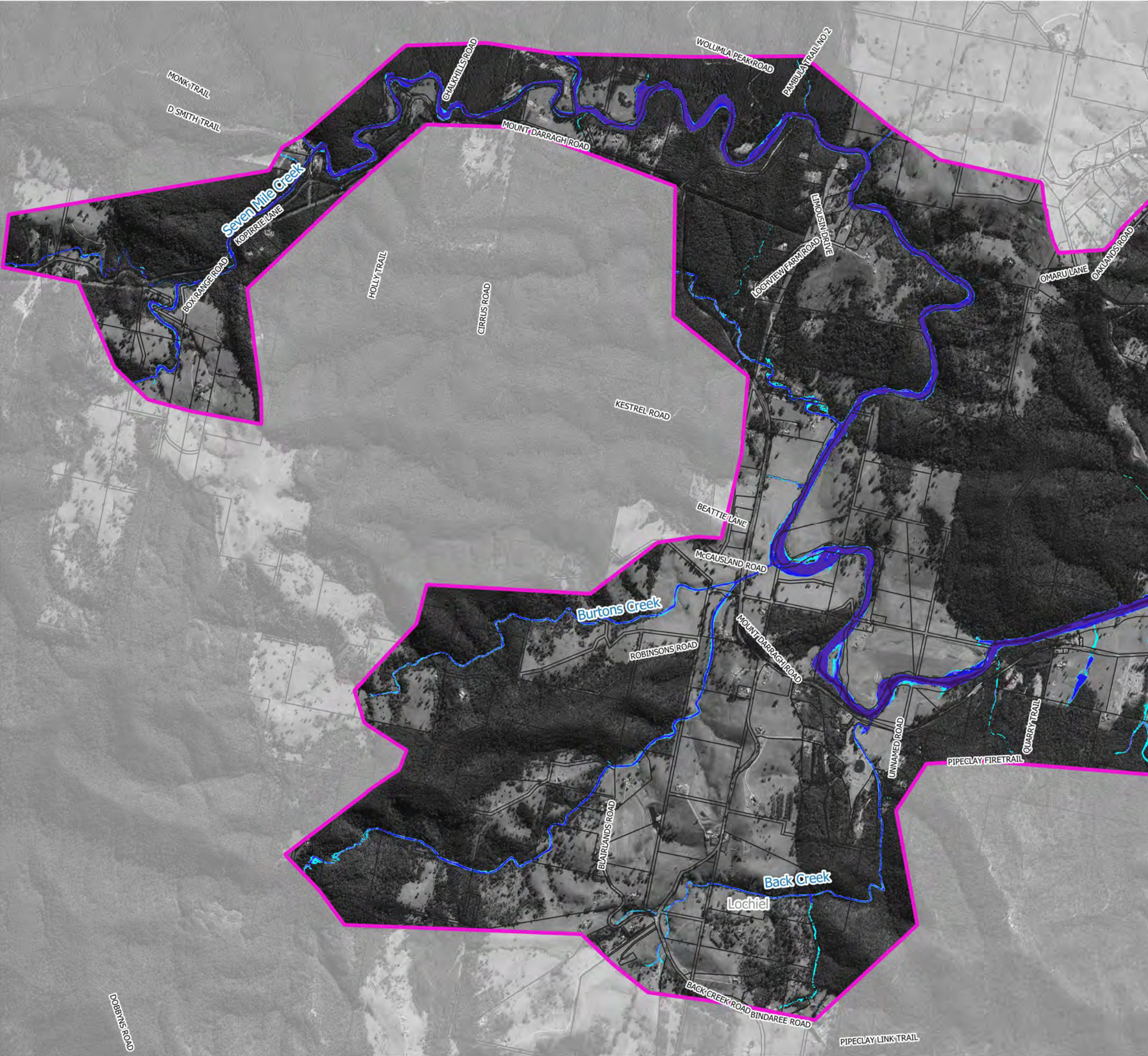
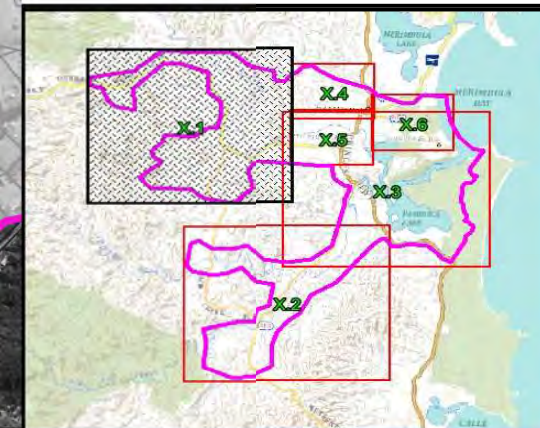
0 2.5 5 Km

**Figure 15:
Isohyet Map for
1985 Storm**

Prepared By:
 Catchment Simulation Solutions
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Isohyet 1985 storm





LEGEND

● Simulated flood level (mAHD)

○ Surveyed flood level (mAHD)

Depths (m)

- 0.1 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 5.0
- > 5

Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

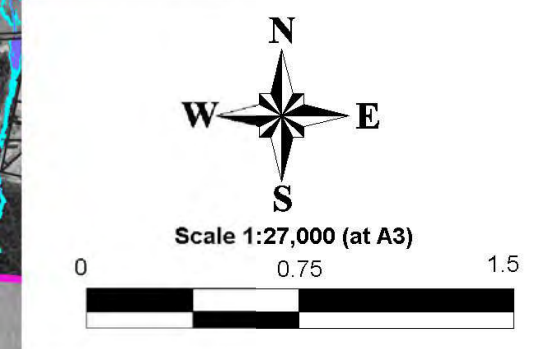
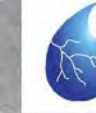
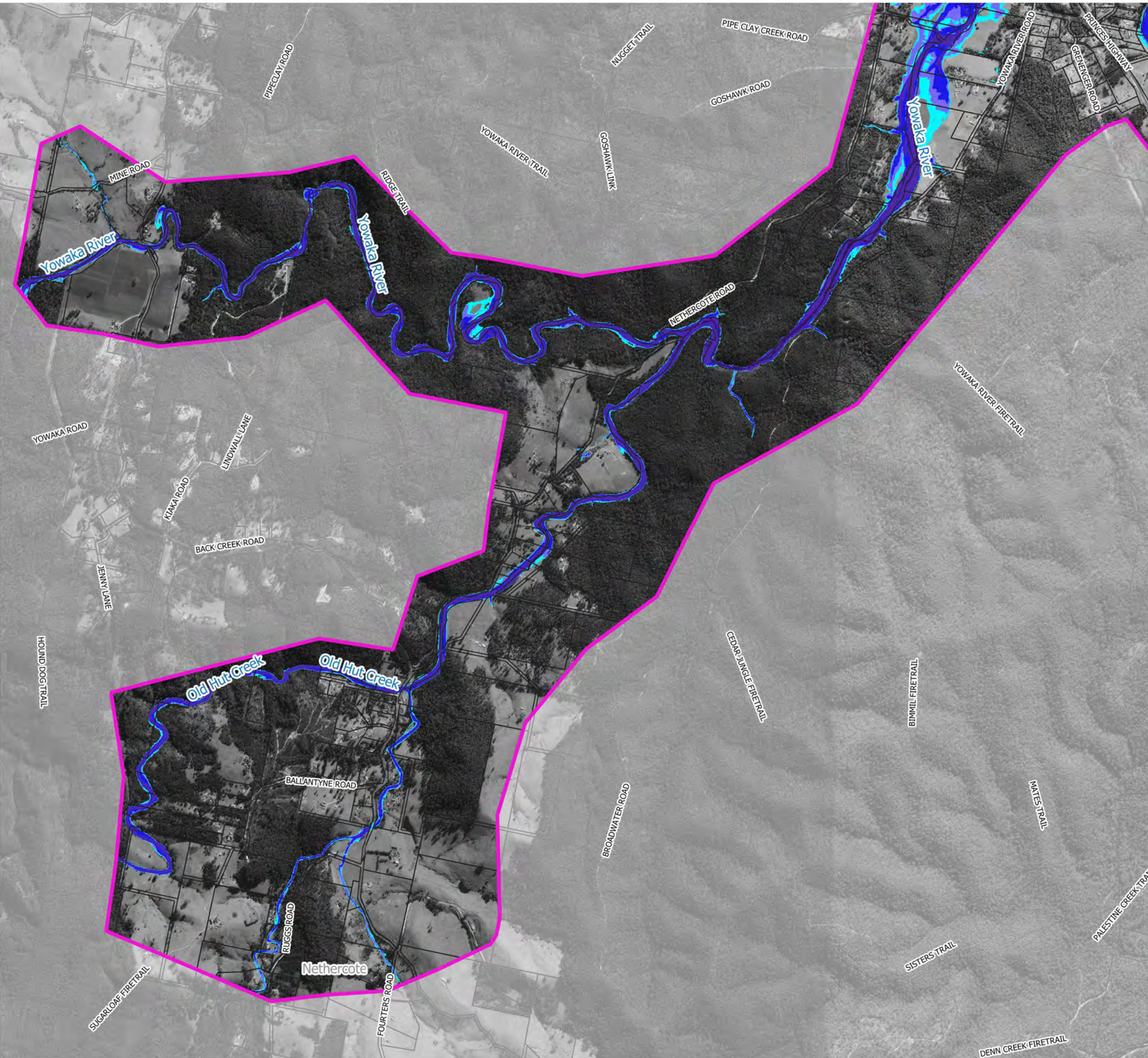
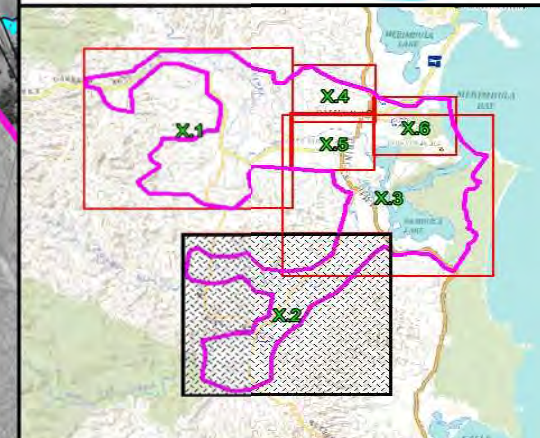


Figure 16.1
Simulated Floodwater Depths
for 1985 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 16 Simulated Floodwater
Depths for 1985 Flood



LEGEND

Simulated flood level (mAHD)

Surveyed flood level (mAHD)

Depths (m)

Light Blue	0.1 to 0.5
Medium Blue	0.5 to 1.0
Dark Blue	1.0 to 2.0
Very Dark Blue	2.0 to 5.0
Black	> 5

Notes:
 Aerial photograph: Google Satellite 2019
 Only areas subject to inundation depths of more than 0.1 metres are displayed

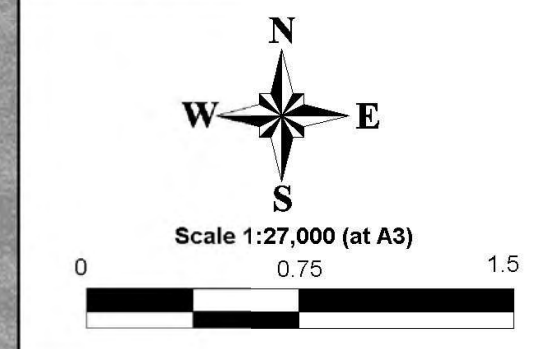
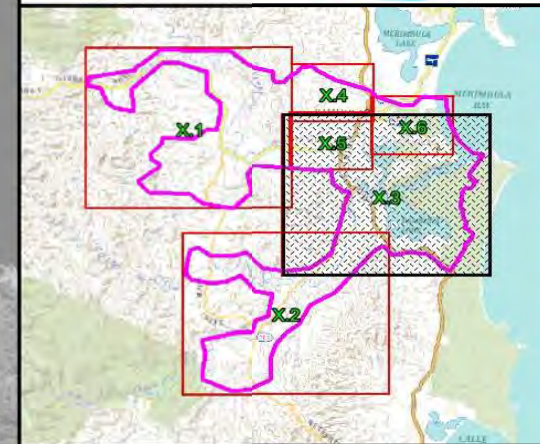


Figure 16.2
Simulated Floodwater Depths
for 1985 Flood

Prepared By:
 **Catchment Simulation Solutions**
 Suite 10.01, 70 Phillip St
 Sydney, NSW 2000

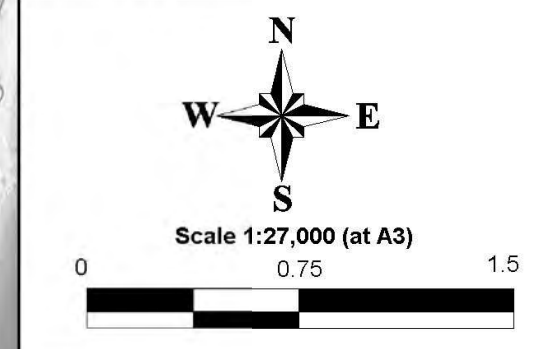
File Name: Figure 16 Simulated Floodwater Depths for 1985 Flood



LEGEND

- Simulated flood level (mAHD)
- Surveyed flood level (mAHD)
- Depths (m)
- 0.1 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 5.0
- > 5

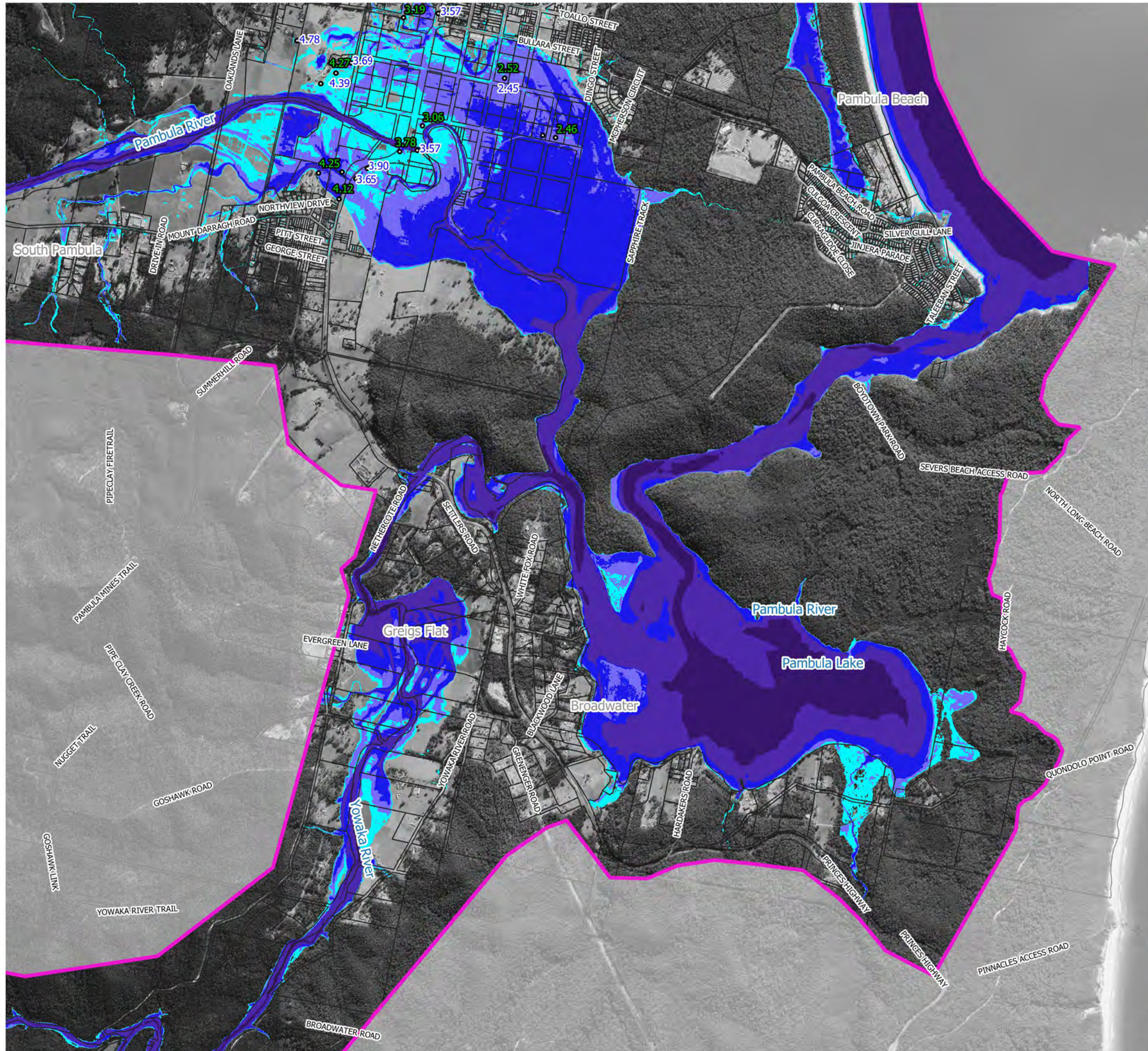
Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

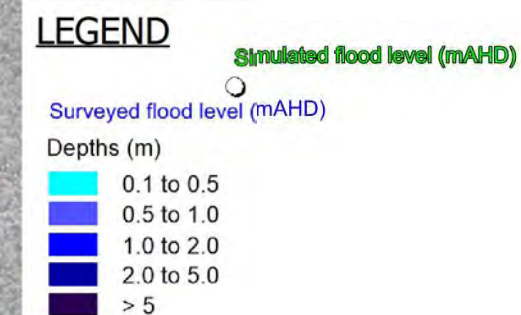
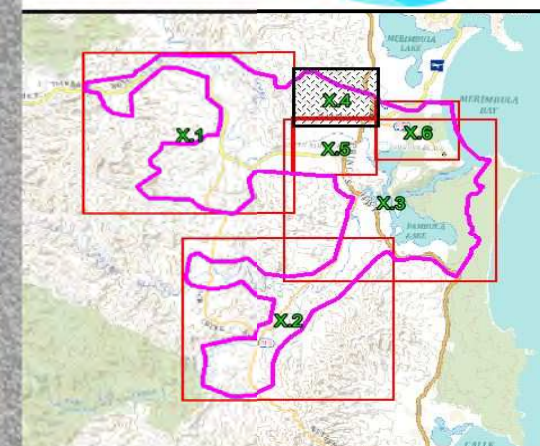


**Figure 16.3
Simulated Floodwater Depths
for 1985 Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 16 Simulated Floodwater Depths for 1985 Flood





Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

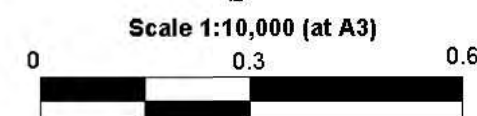
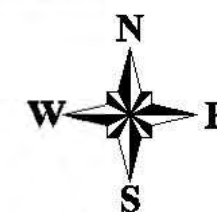
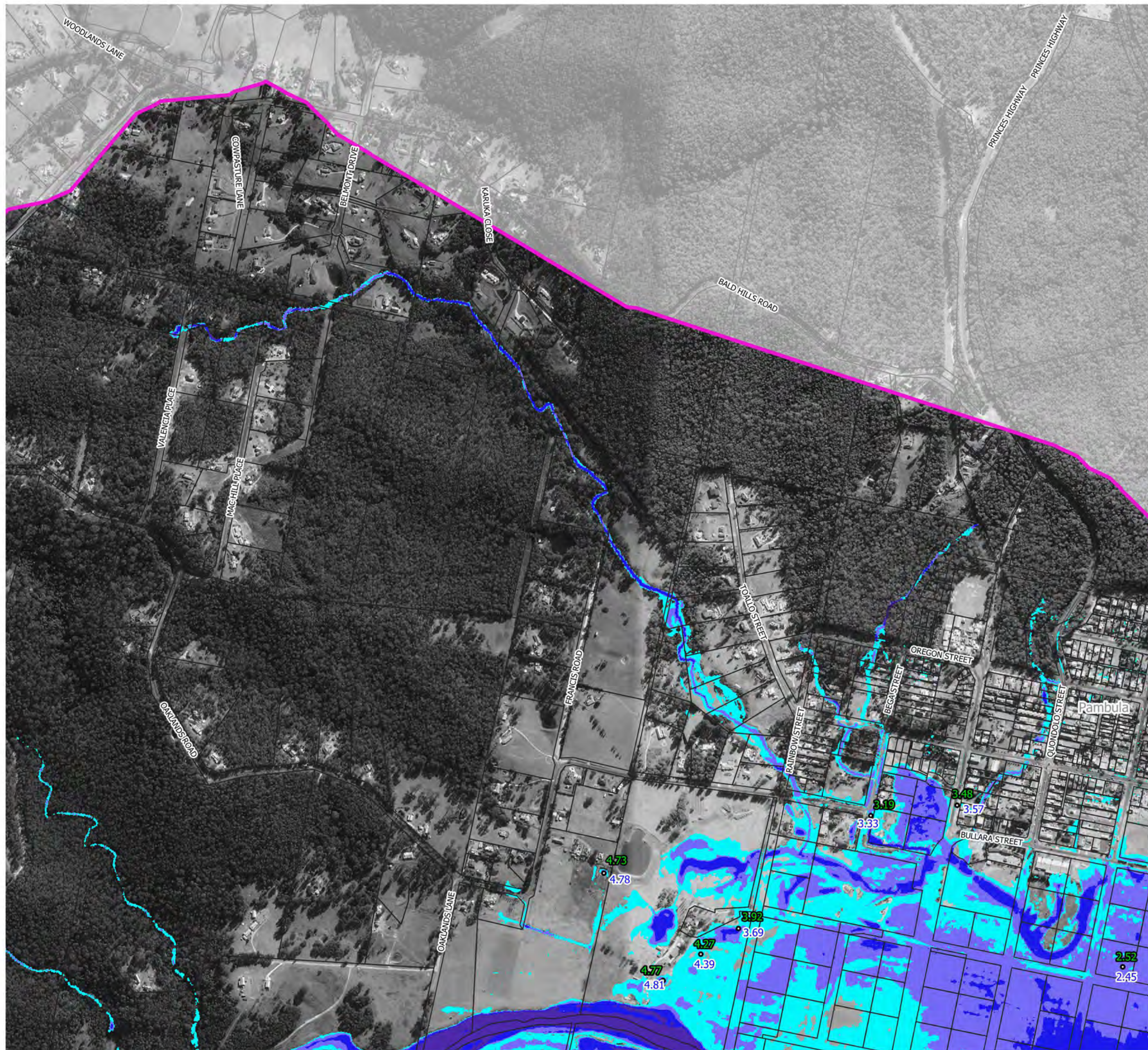
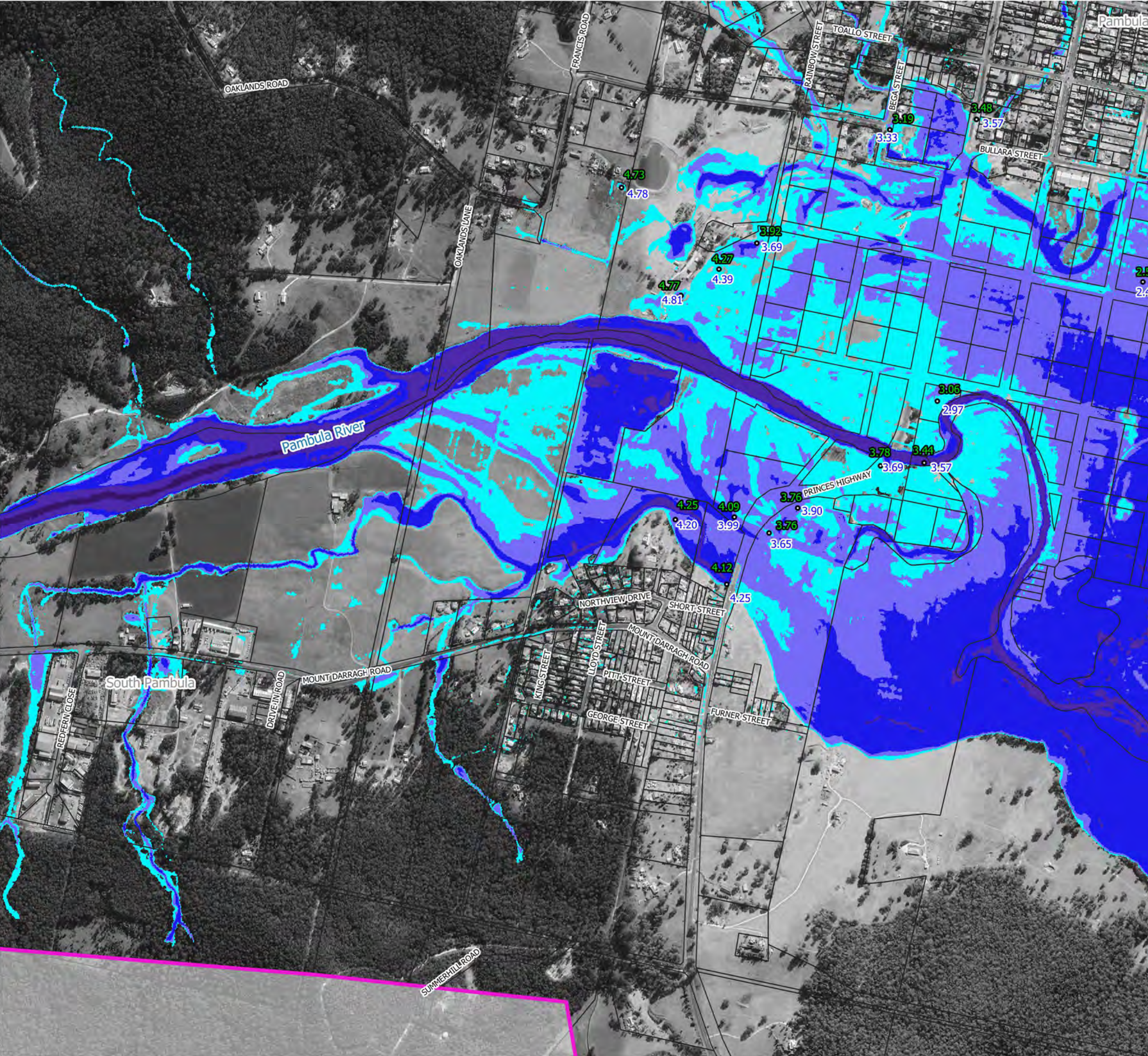
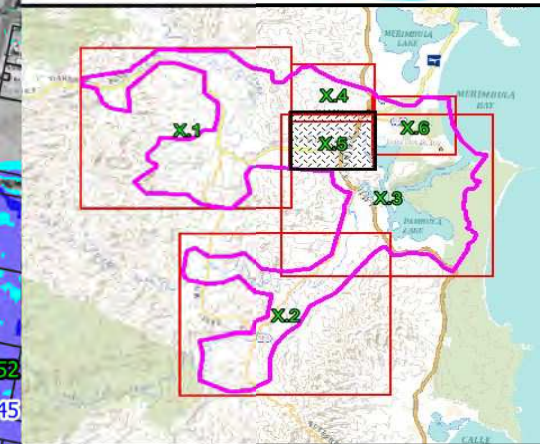


Figure 16.4
Simulated Floodwater Depths
for 1985 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 16 Simulated Floodwater
Depths for 1985 Flood





LEGEND

○ Simulated flood level (mAHd)

○ Surveyed flood level (mAHd)

Depths (m)

Light Blue	0.1 to 0.5
Medium Blue	0.5 to 1.0
Dark Blue	1.0 to 2.0
Very Dark Blue	2.0 to 5.0
Black	> 5

Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

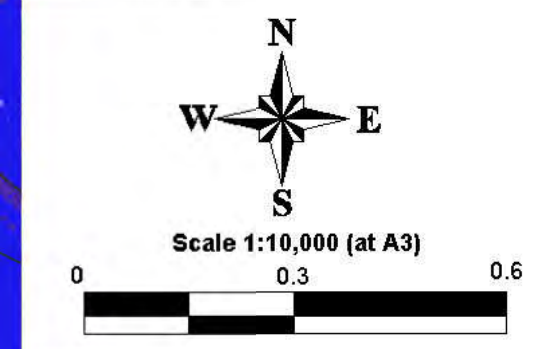

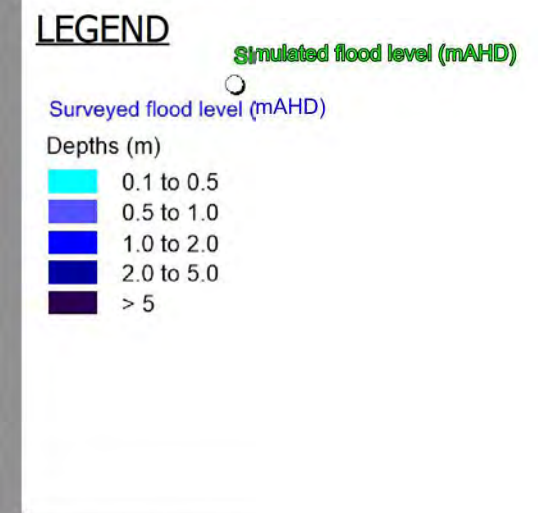
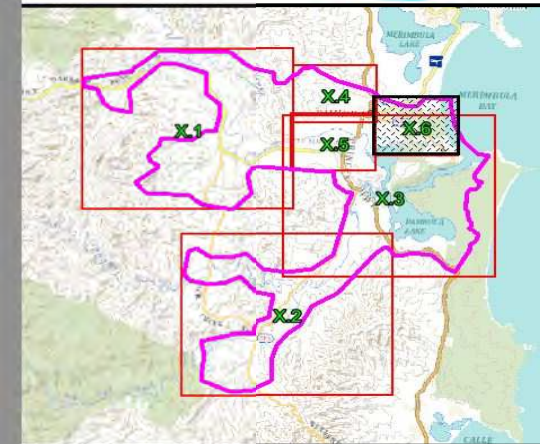


Figure 16.5
Simulated Floodwater Depths
for 1985 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 16 Simulated Floodwater
Depths for 1985 Flood



Notes:
 Aerial photograph: Google Satellite 2019
 Only areas subject to inundation depths of more than 0.1 metres are displayed

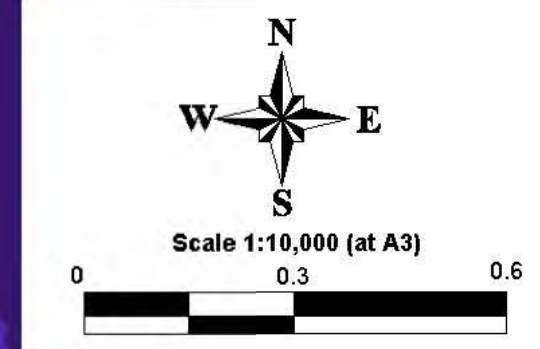

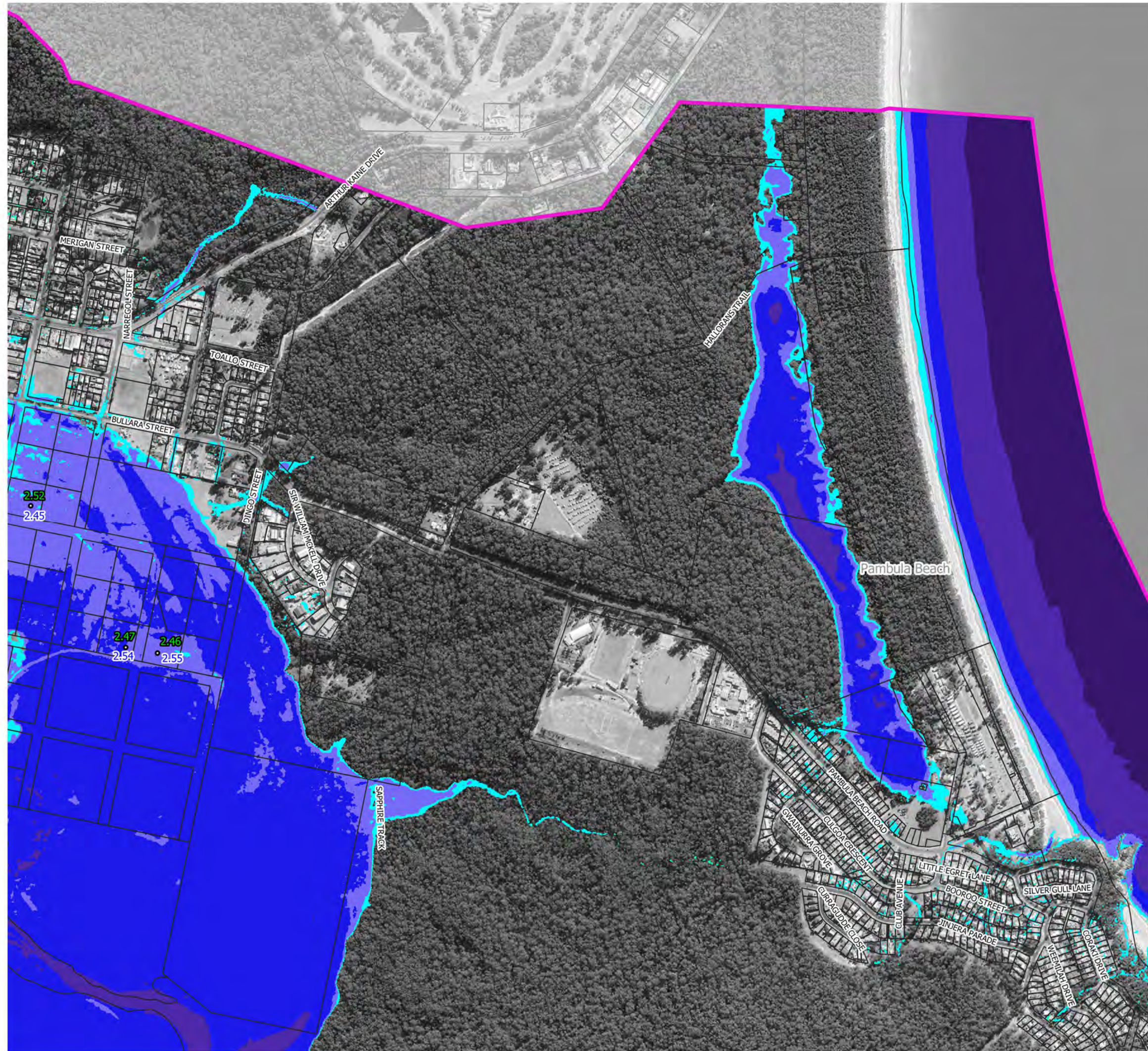
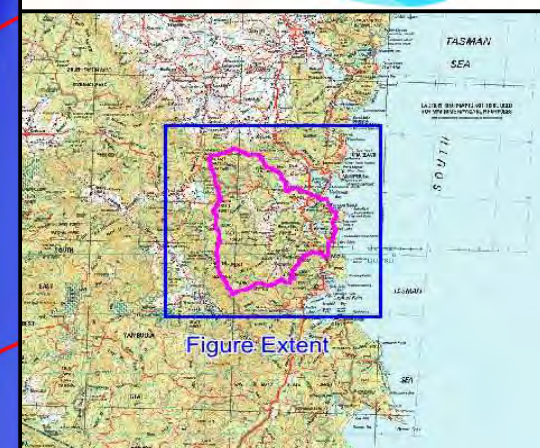


Figure 16.6
Simulated Floodwater Depths
for 1985 Flood











Prepared By:
 **Catchment Simulation Solutions**
 Suite 10.01, 70 Phillip St
 Sydney, NSW 2000

File Name: Figure 16 Simulated Floodwater Depths for 1985 Flood

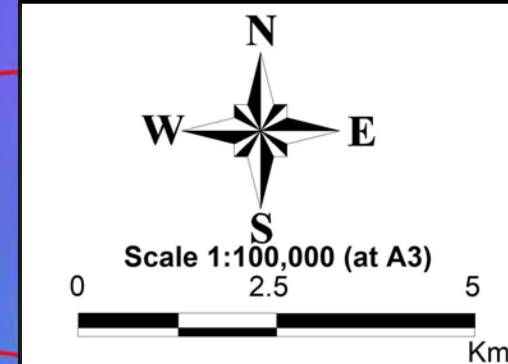





LEGEND

-  Catchment Boundary
 -  Rainfall Isohyet (mm)
 -  Rainfall Gauge Number
 -  Rainfall Recorded Depth
- Rainfall (mm)
-  <= 100
 -  200
 -  300
 -  400
 -  500
 -  >= 600

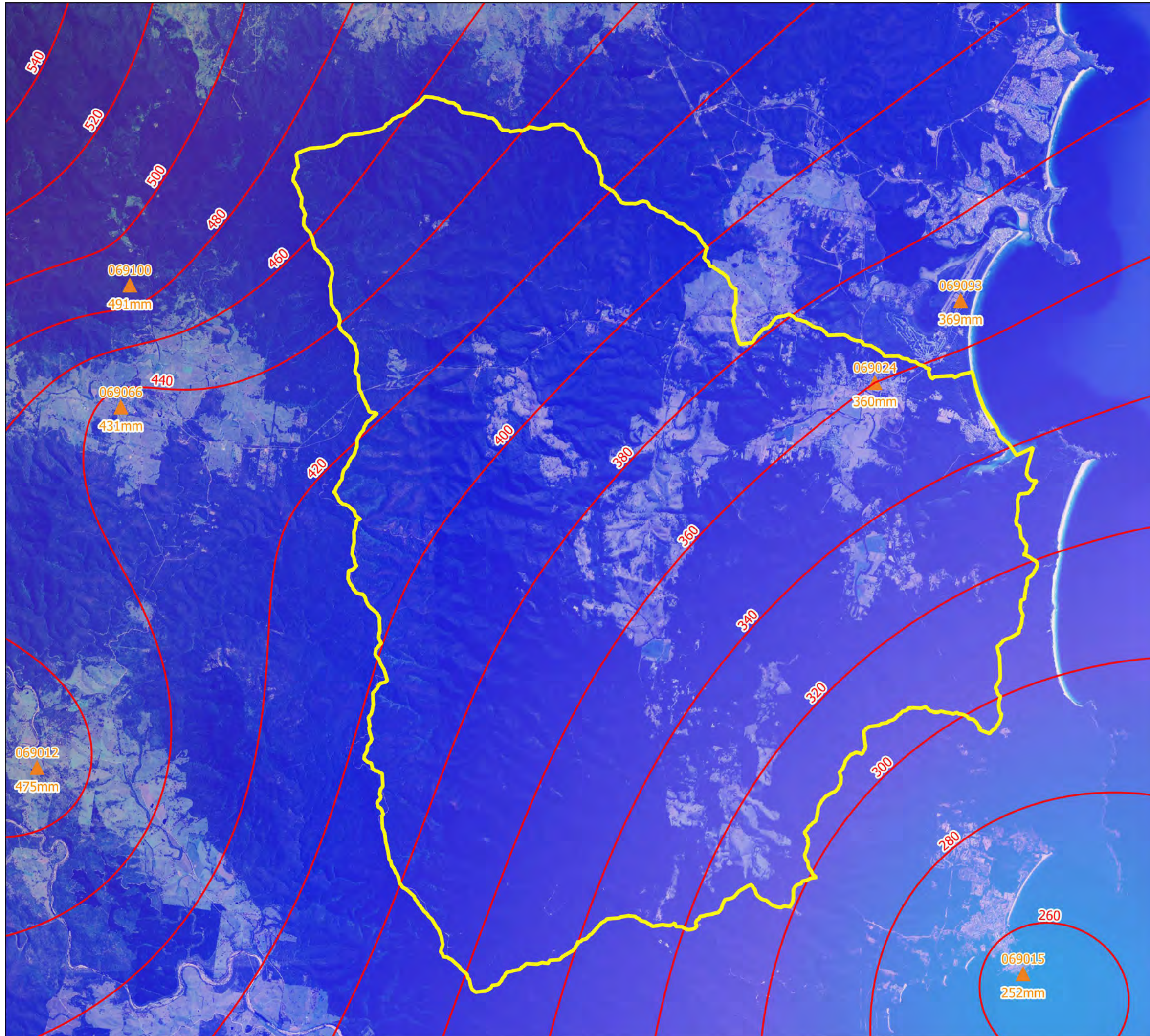
Notes:
Aerial photograph: Google Satellite 2019

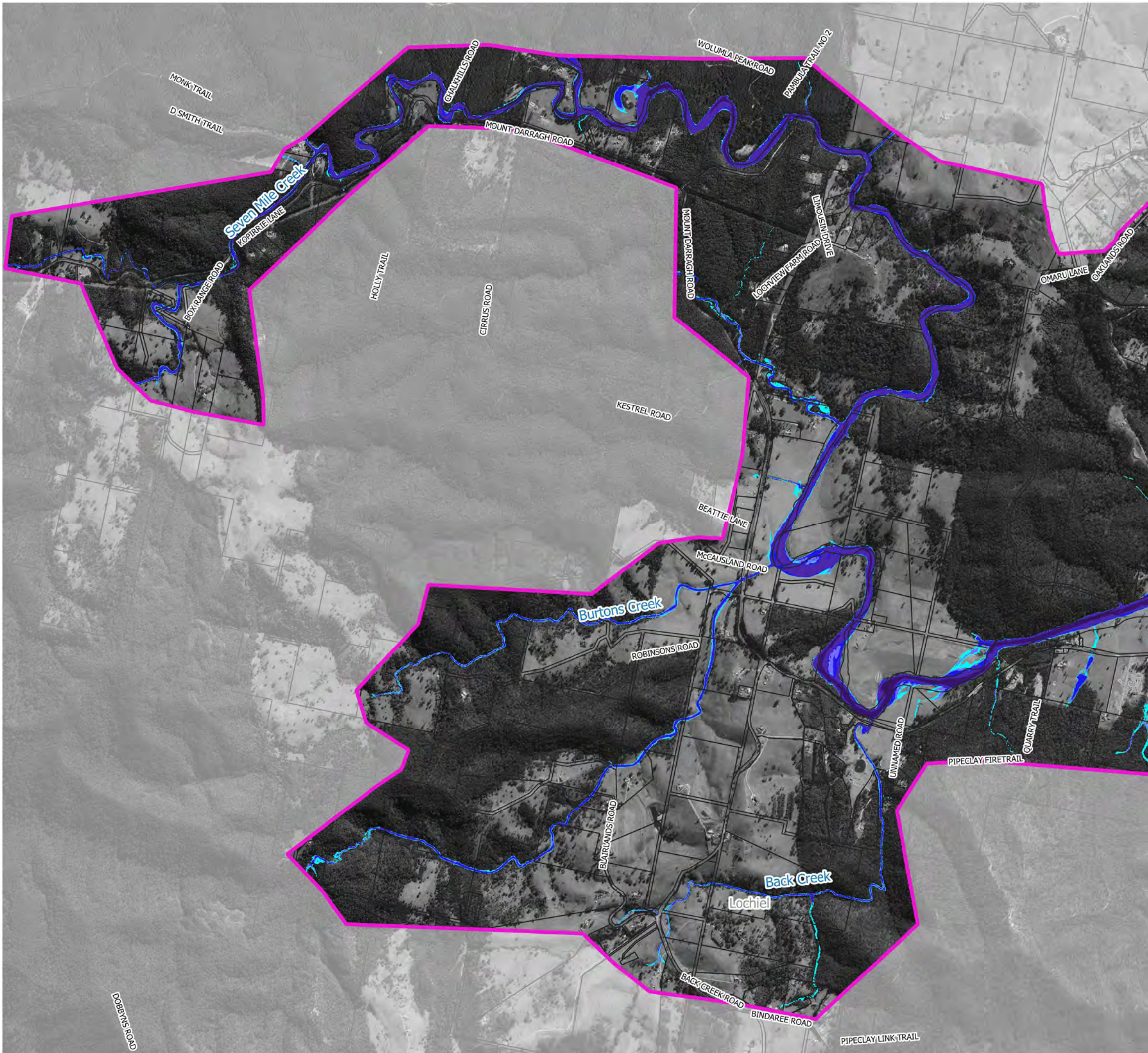
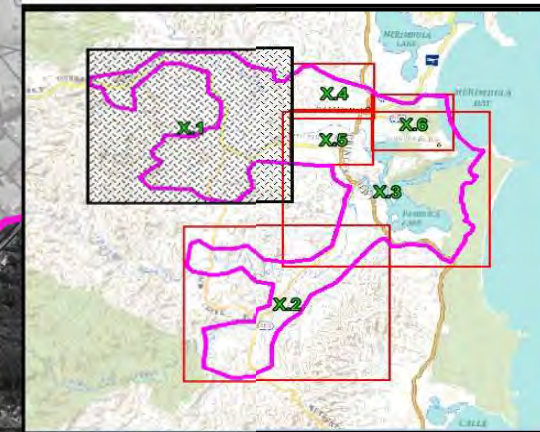


**Figure 17:
Isohyet Map for
1971 Storm**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Isohyet 1971 storm





LEGEND

○ Simulated flood level (mAHD)

○ Surveyed flood level (mAHD)

Depths (m)

- 0.1 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 5.0
- > 5

Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

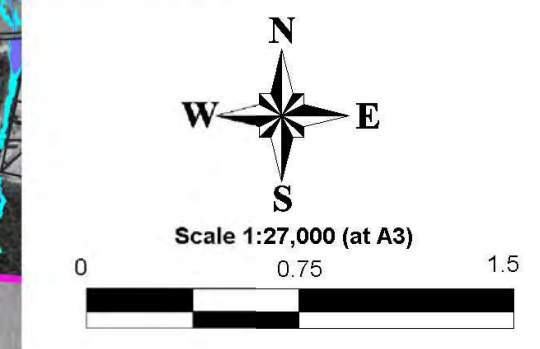
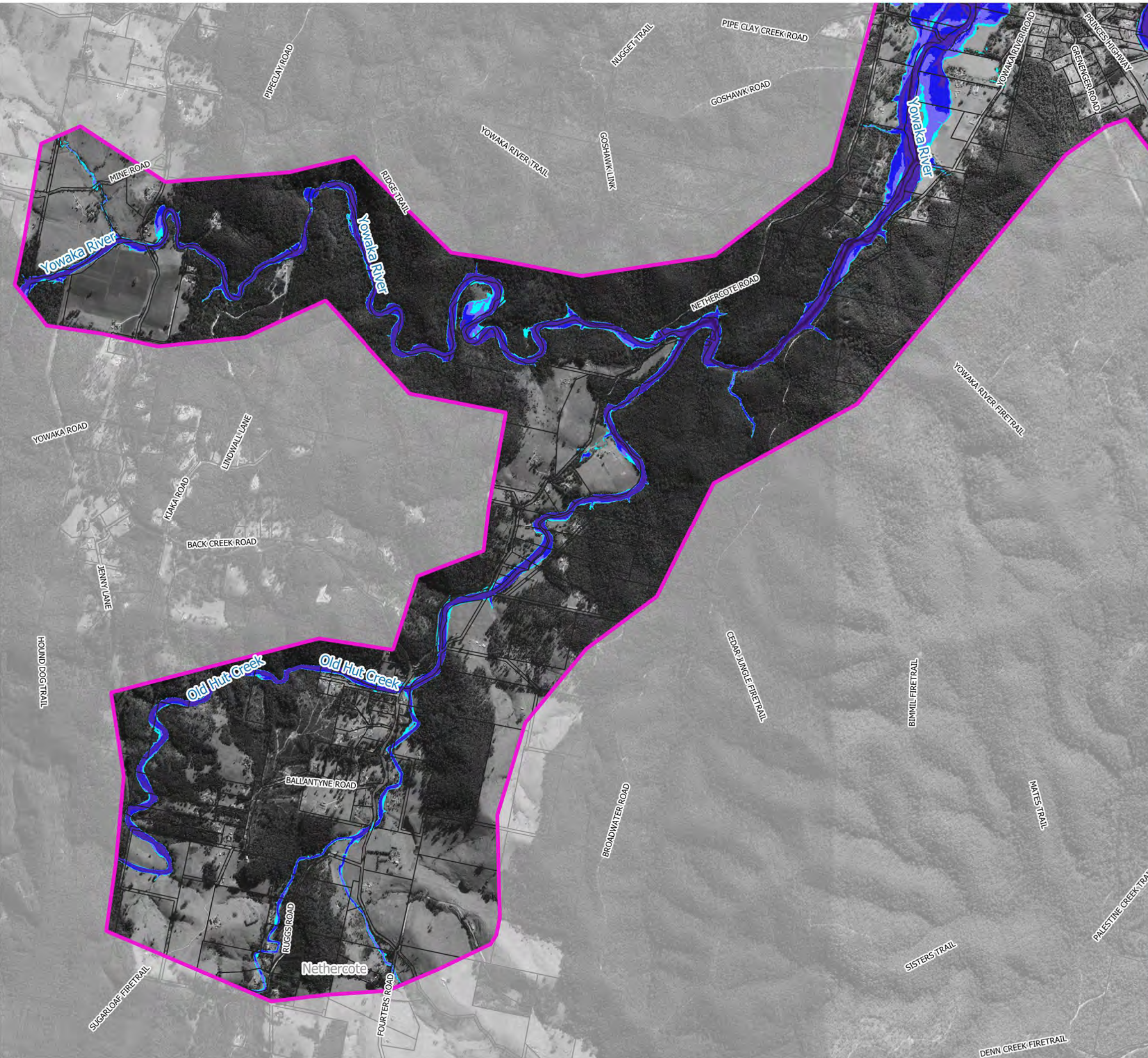
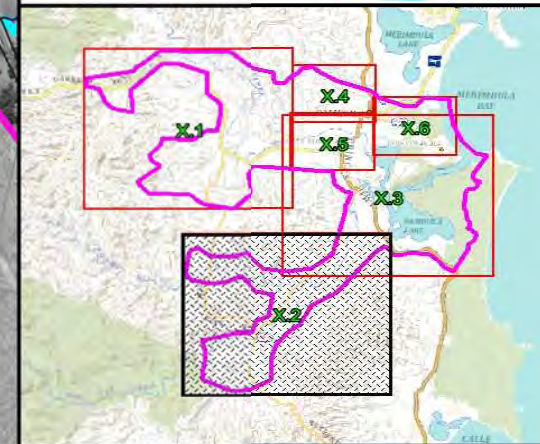


Figure 18.1
Simulated Floodwater Depths
for 1971 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 18 Simulated Floodwater Depths for 1971 Flood



LEGEND

○ Simulated flood level (mAHD)

○ Surveyed flood level (mAHD)

Depths (m)

Lightest Blue	0.1 to 0.5
Light Blue	0.5 to 1.0
Medium Blue	1.0 to 2.0
Dark Blue	2.0 to 5.0
Dark Purple	> 5

Notes:
 Aerial photograph: Google Satellite 2019
 Only areas subject to inundation depths of more than 0.1 metres are displayed

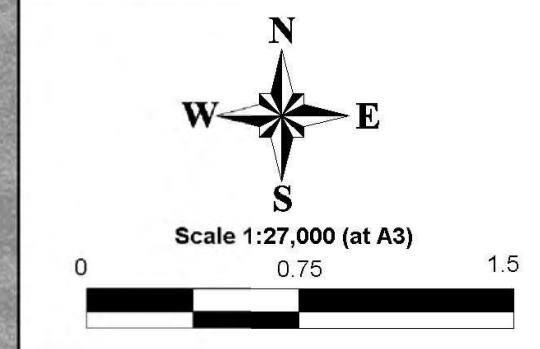
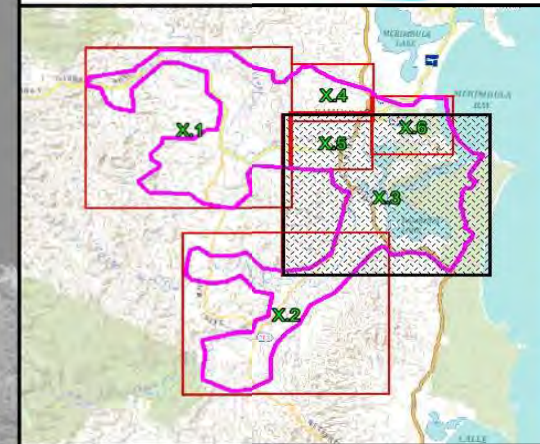


Figure 18.2
Simulated Floodwater Depths
for 1971 Flood

Prepared By:
 Catchment Simulation Solutions
 Suite 10.01, 70 Phillip St
 Sydney, NSW 2000

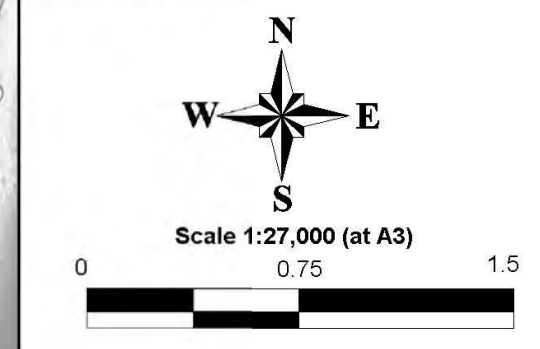
File Name: Figure 18 Simulated Floodwater Depths for 1971 Flood



LEGEND

- Simulated flood level (mAHD)
- Surveyed flood level (mAHD)
- Depths (m)
- 0.1 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 5.0
- > 5

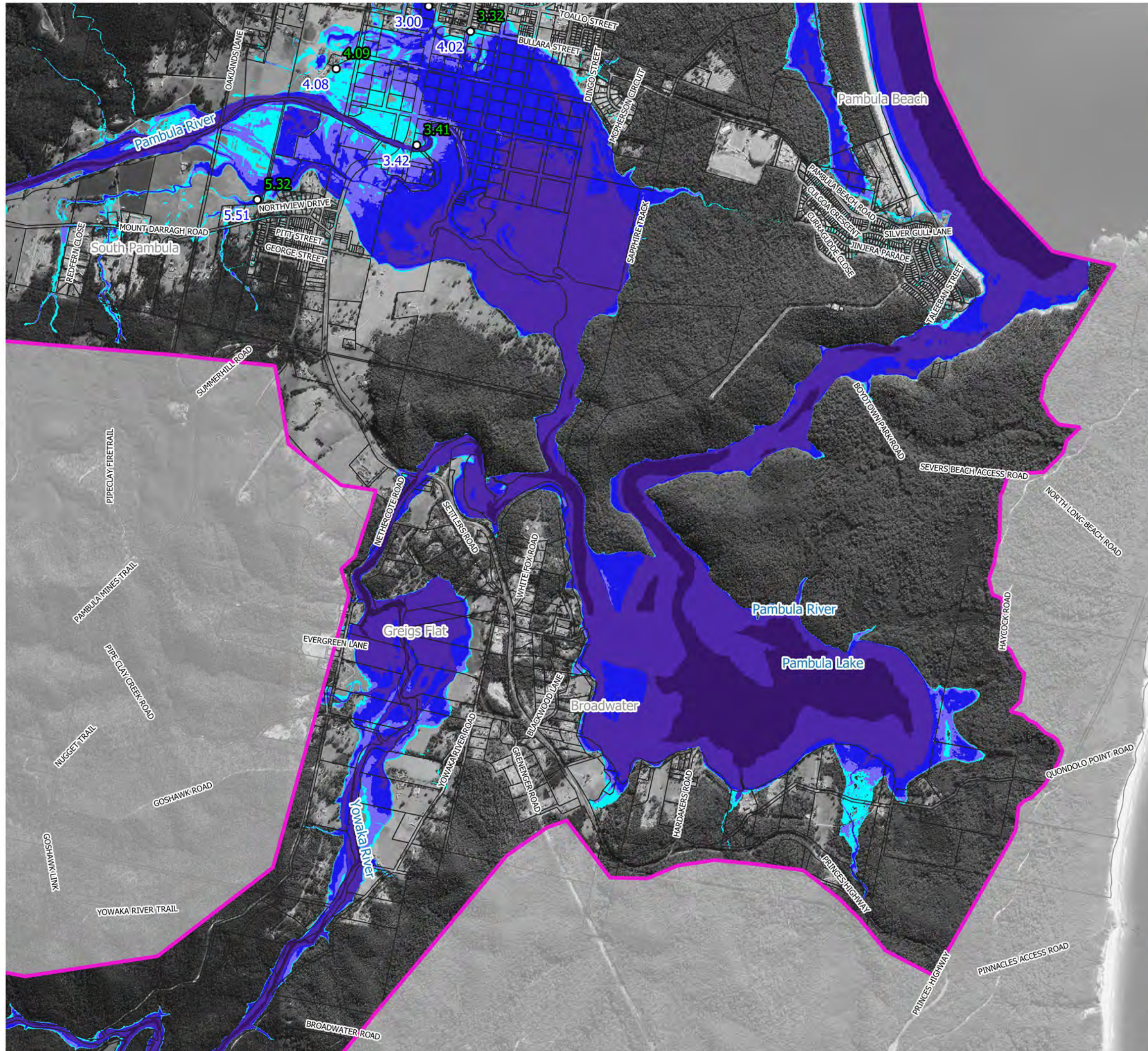
Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

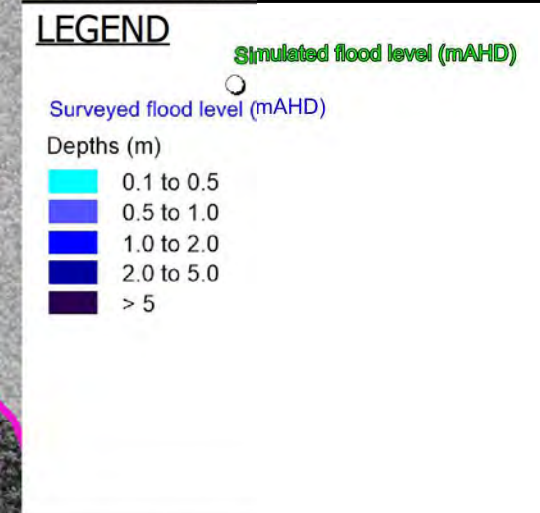
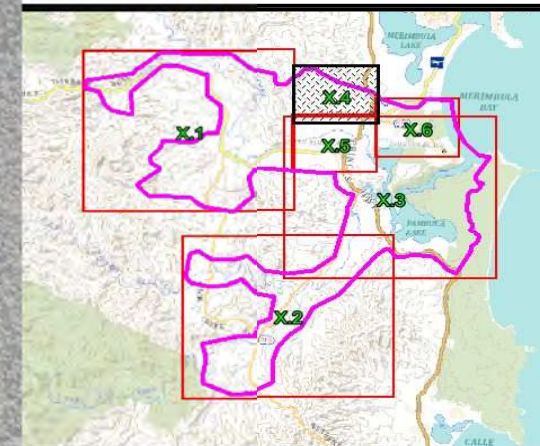


**Figure 18.3
Simulated Floodwater Depths
for 1971 Flood**

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 18 Simulated Floodwater Depths for 1971 Flood





Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

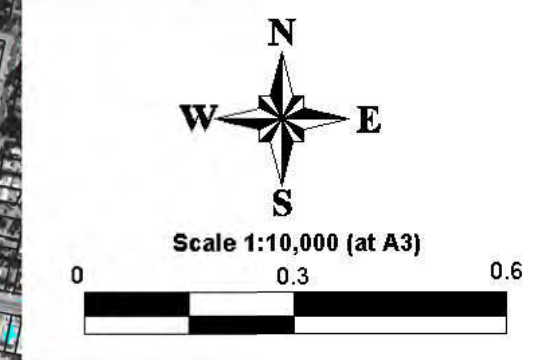
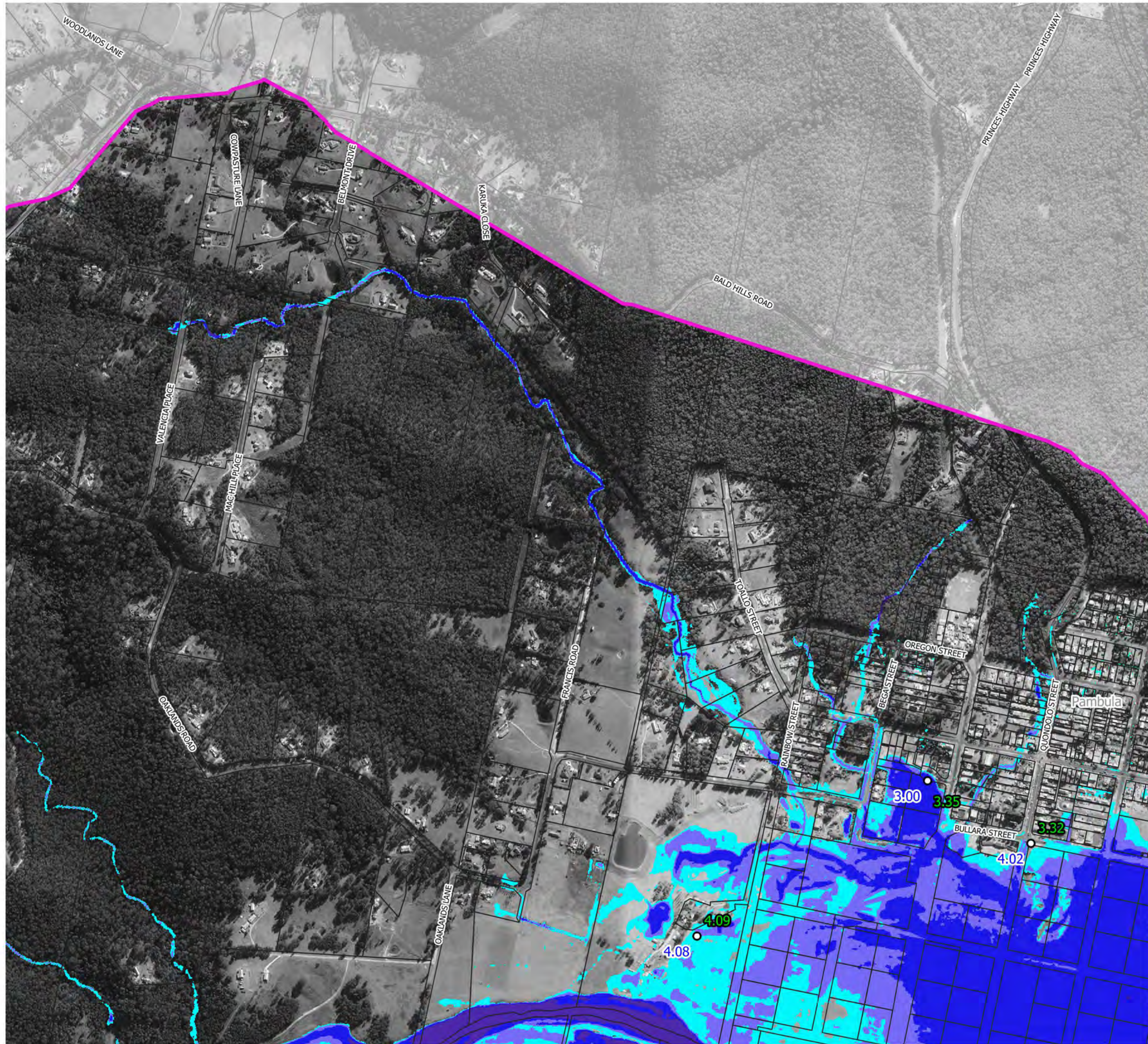
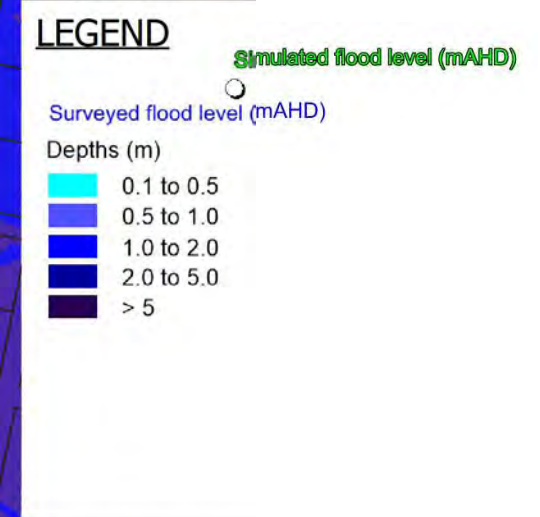
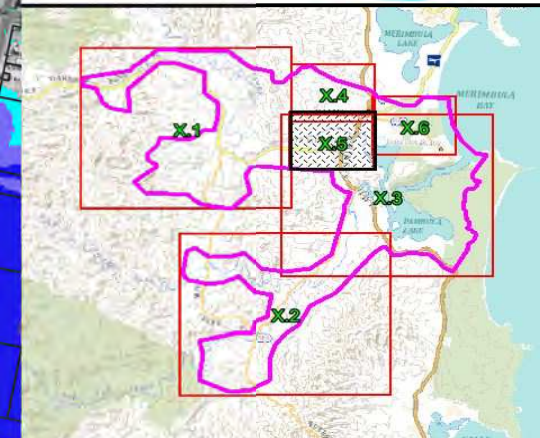


Figure 18.4
Simulated Floodwater Depths
for 1971 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater
Depths for 2012 Flood





Notes:
 Aerial photograph: Google Satellite 2019
 Only areas subject to inundation depths of more than 0.1 metres are displayed

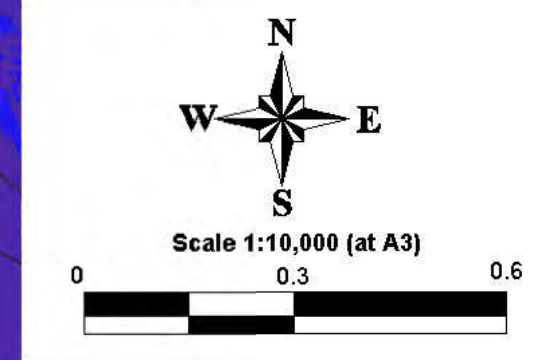

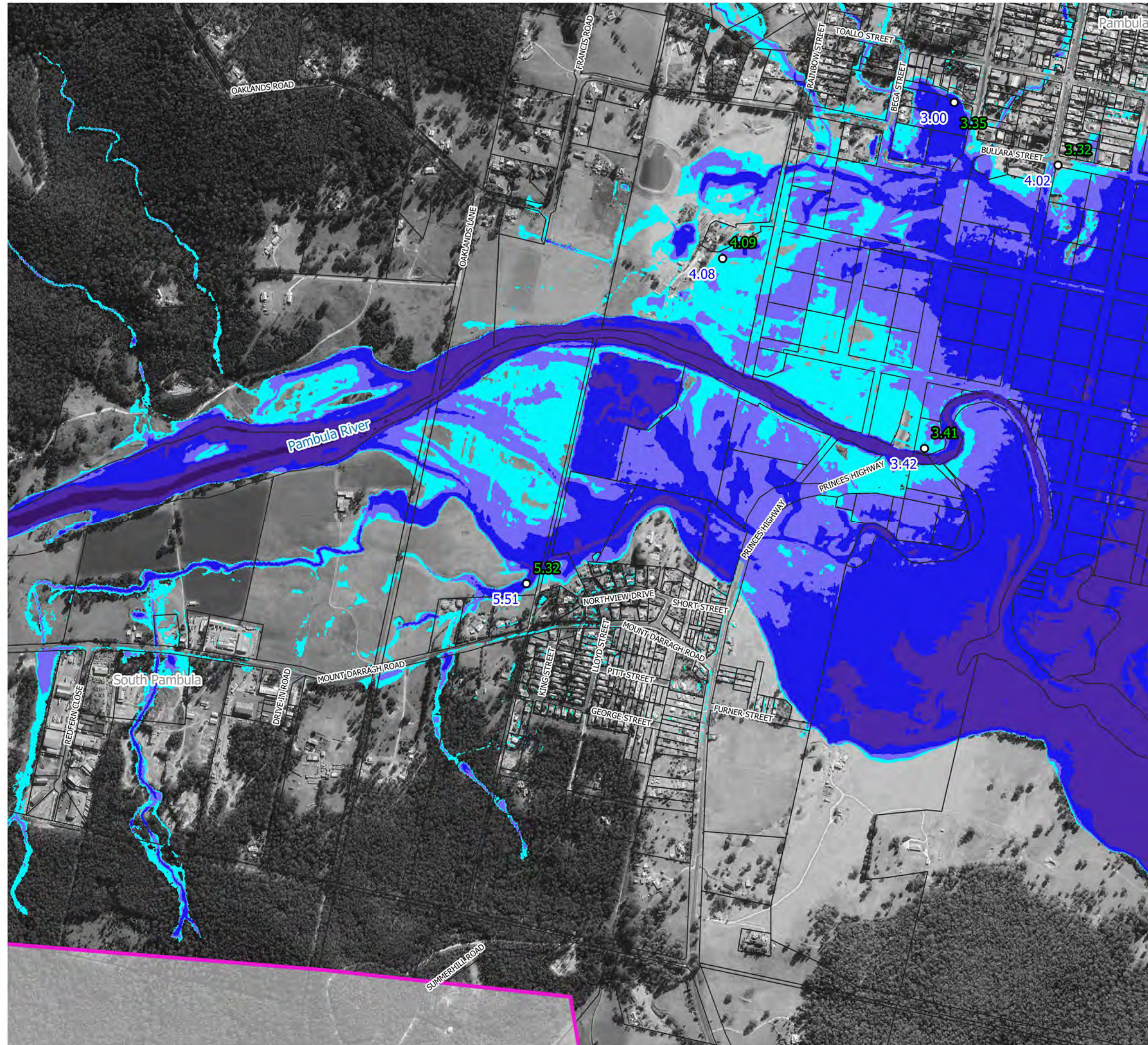
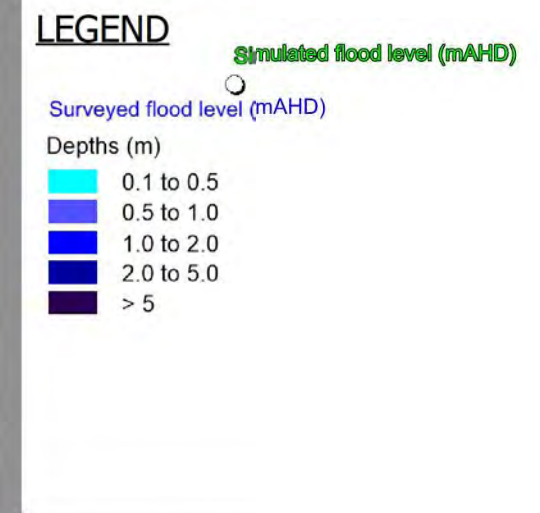
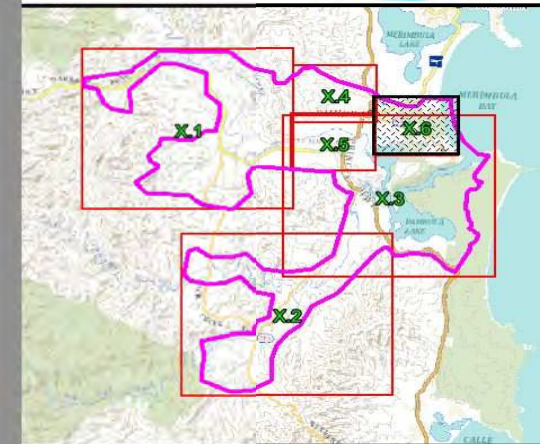


Figure 18.5
Simulated Floodwater Depths
for 1971 Flood

Prepared By:
 **Catchment Simulation Solutions**
 Suite 10.01, 70 Phillip St
 Sydney, NSW 2000

File Name: Figure 18 Simulated Floodwater Depths for 1971 Flood





Notes:
Aerial photograph: Google Satellite 2019
Only areas subject to inundation depths of more than 0.1 metres are displayed

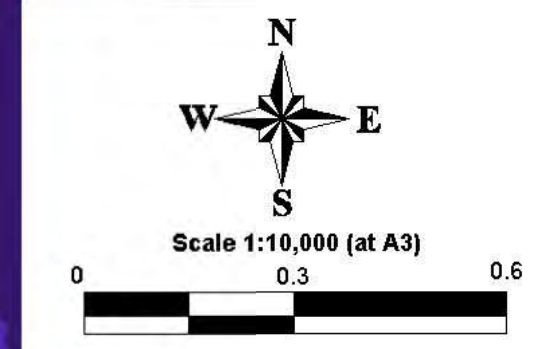



Figure 18.6
Simulated Floodwater Depths
for 1971 Flood

Prepared By:
 **Catchment Simulation Solutions**
Suite 10.01, 70 Phillip St
Sydney, NSW 2000

File Name: Figure 12 Simulated Floodwater
Depths for 2012 Flood

