



EMPIRE BAY CATCHMENT FLOOD STUDY VOLUME 2 - FIGURES



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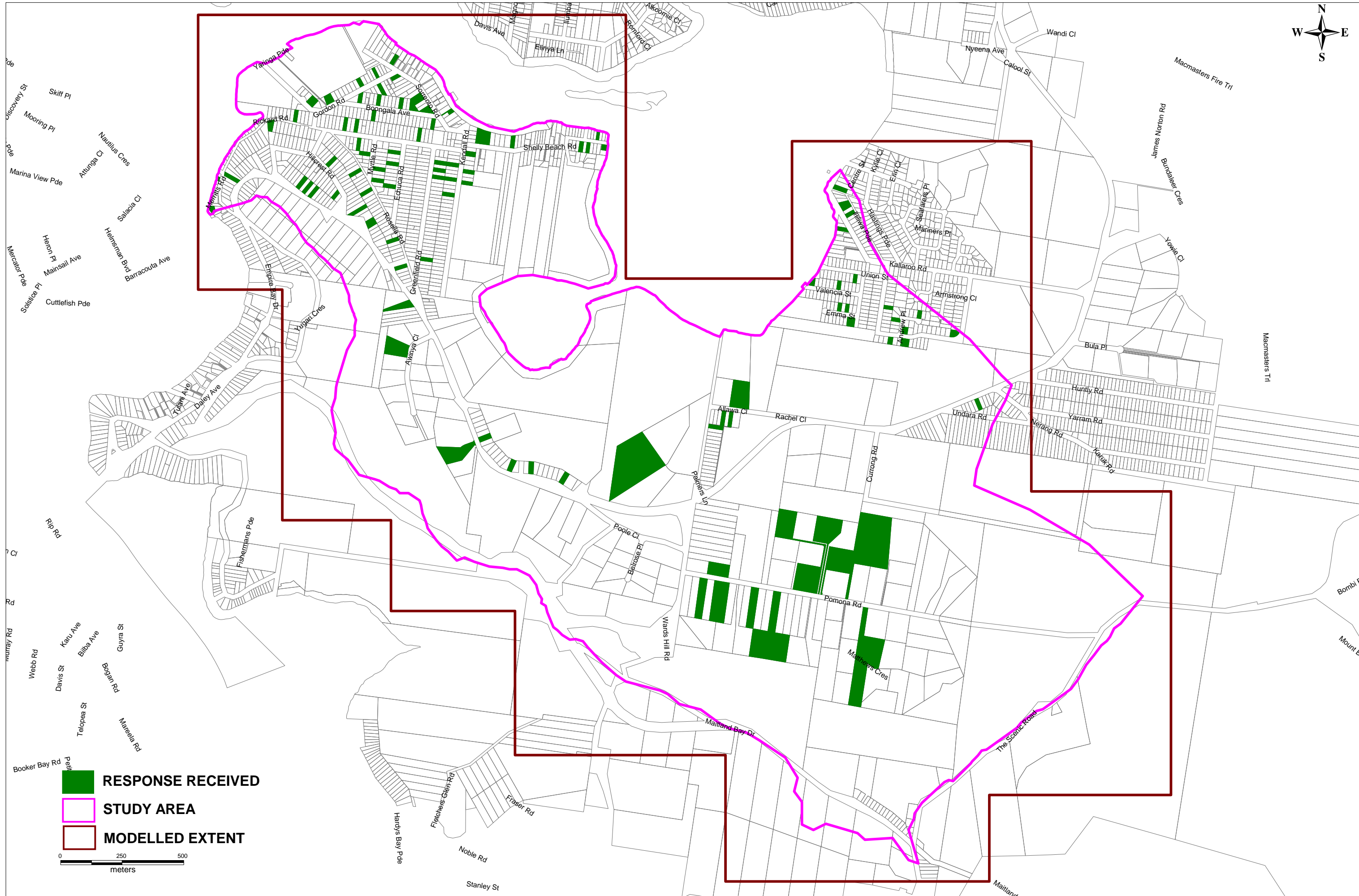
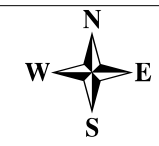
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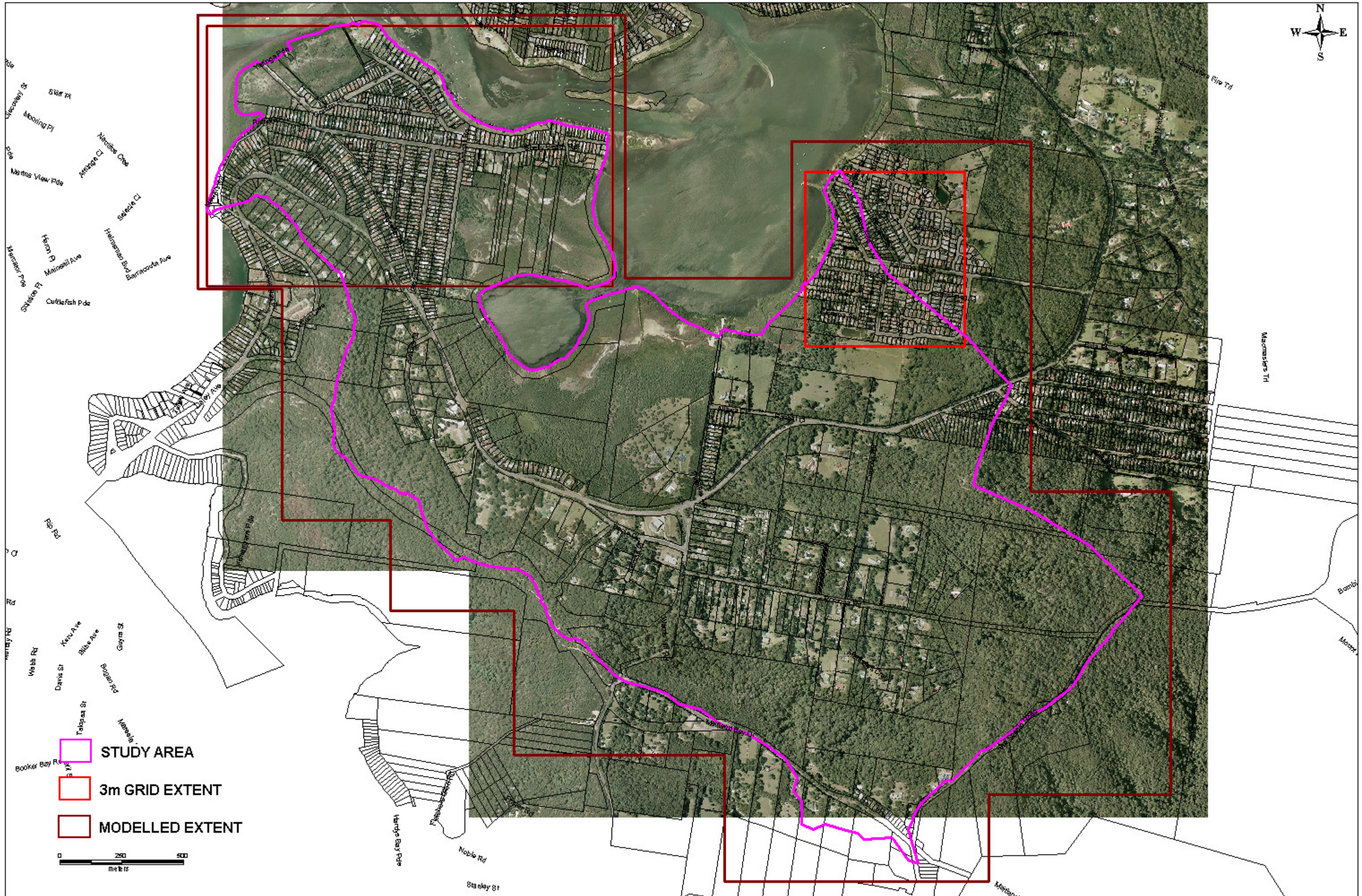
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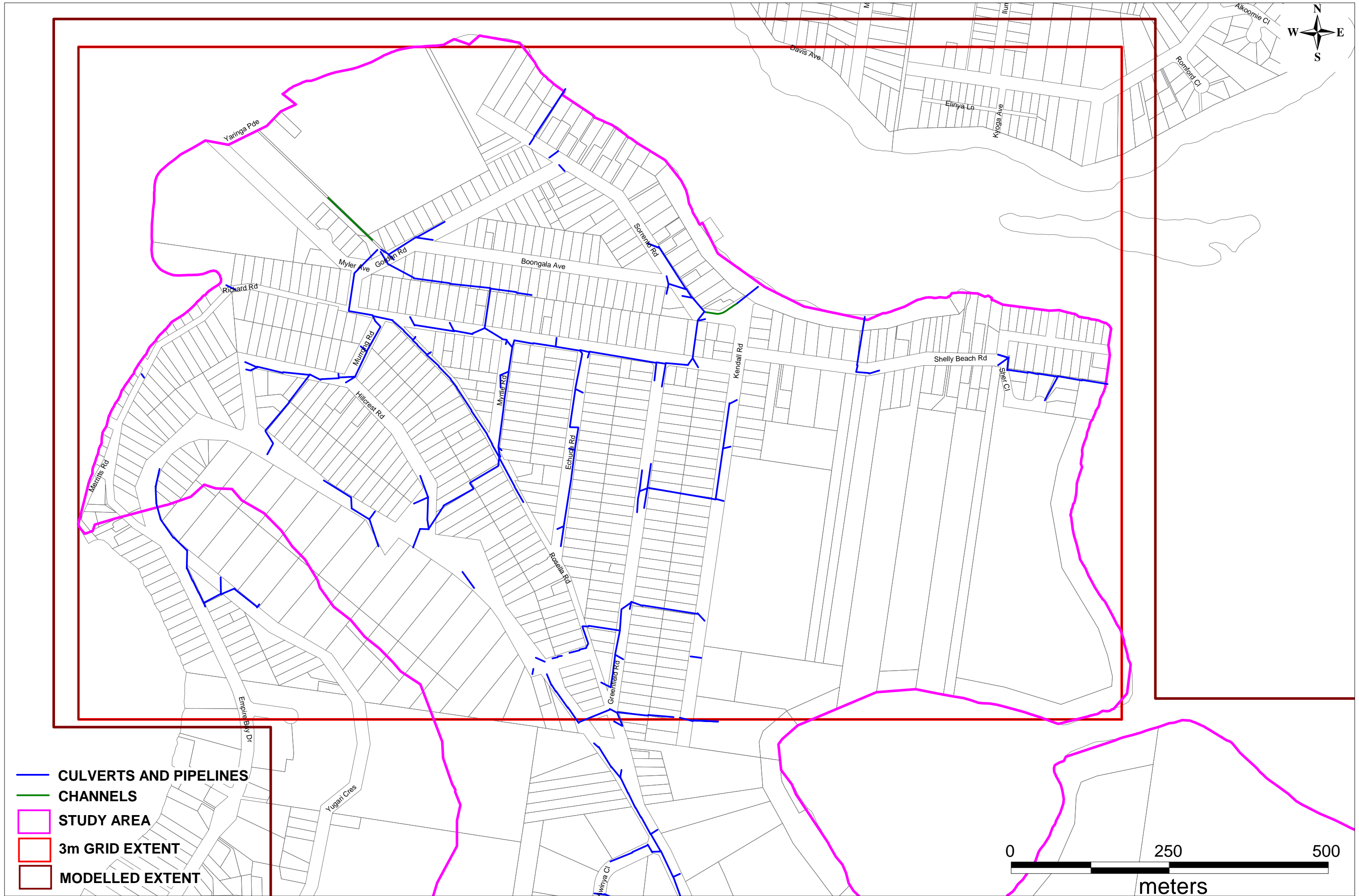
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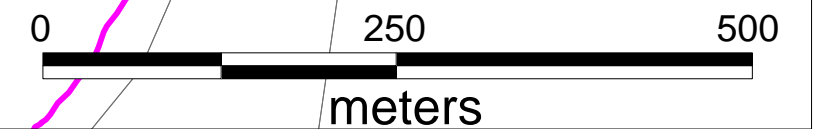
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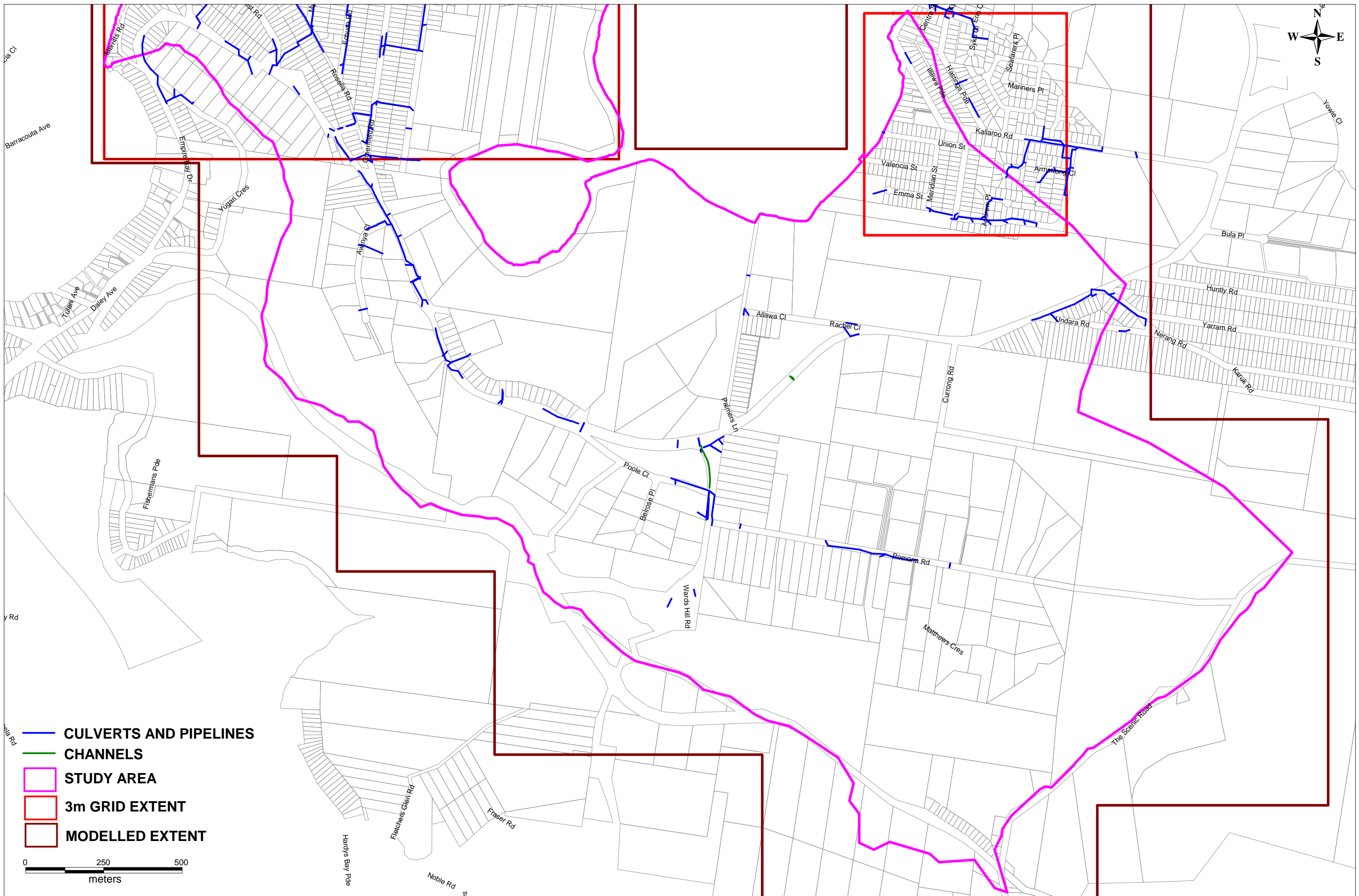


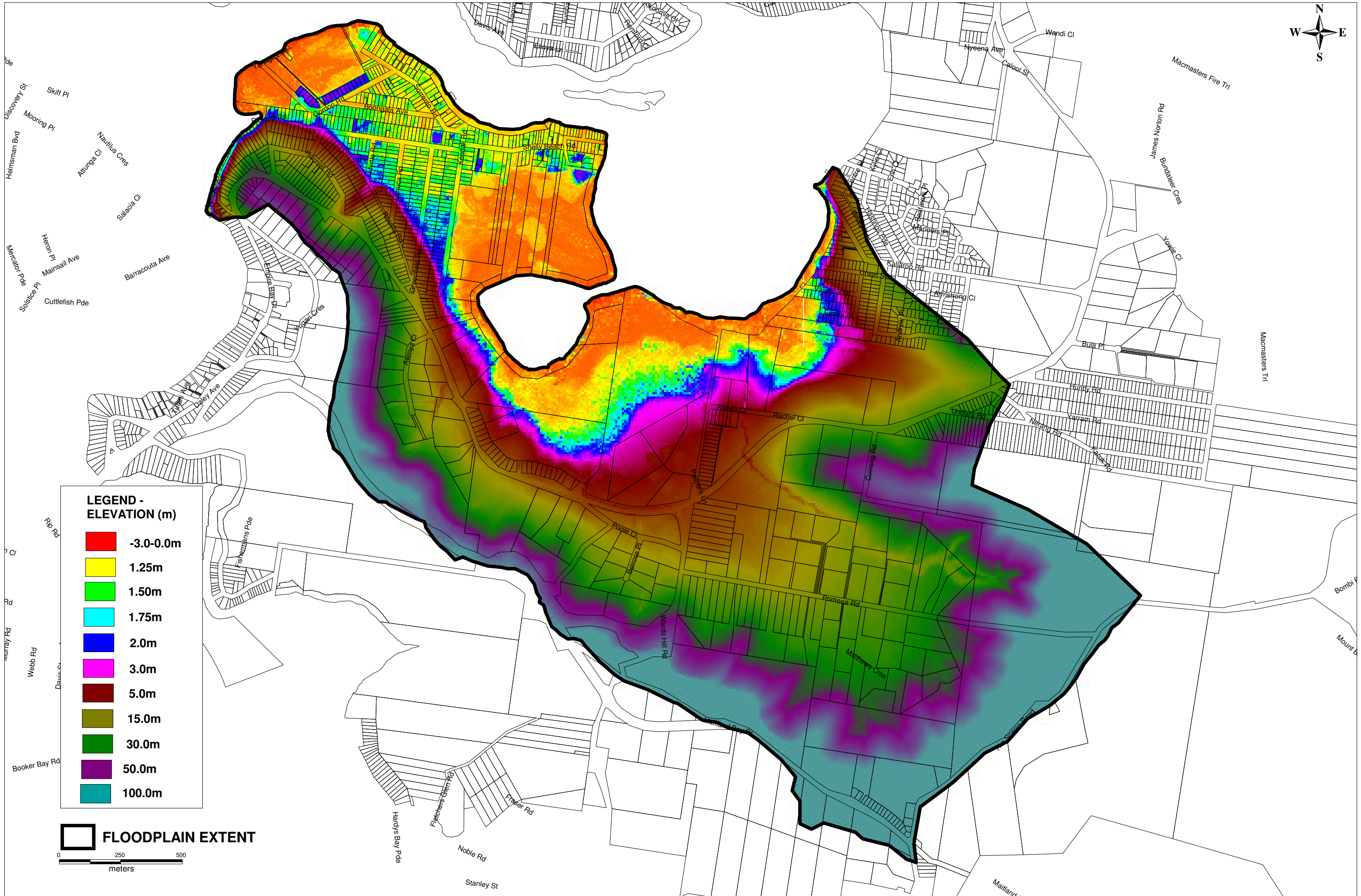


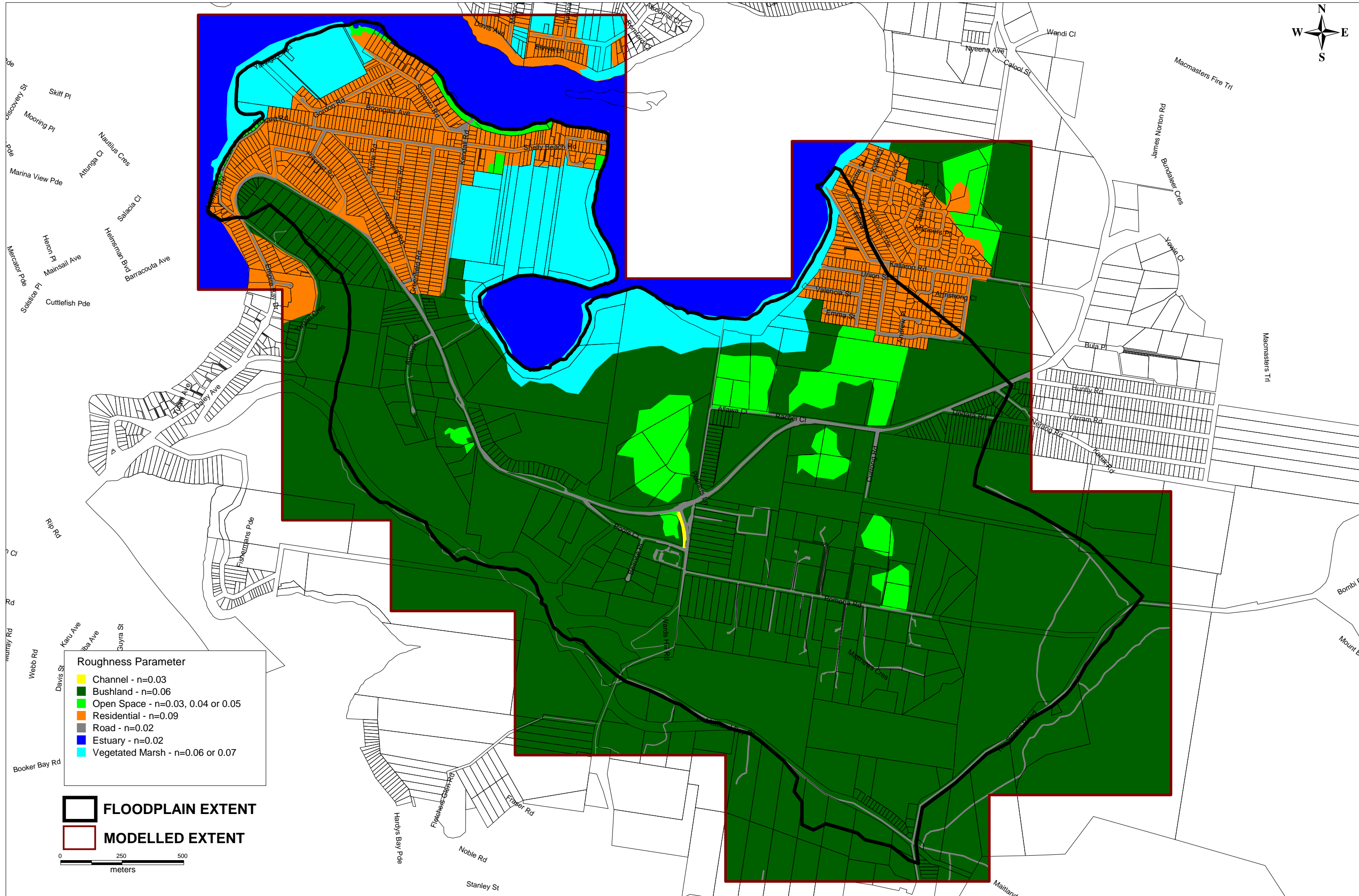
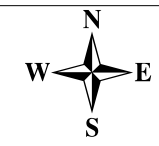


- CULVERTS AND PIPELINES
- CHANNELS
- STUDY AREA
- 3m GRID EXTENT
- MODELLED EXTENT





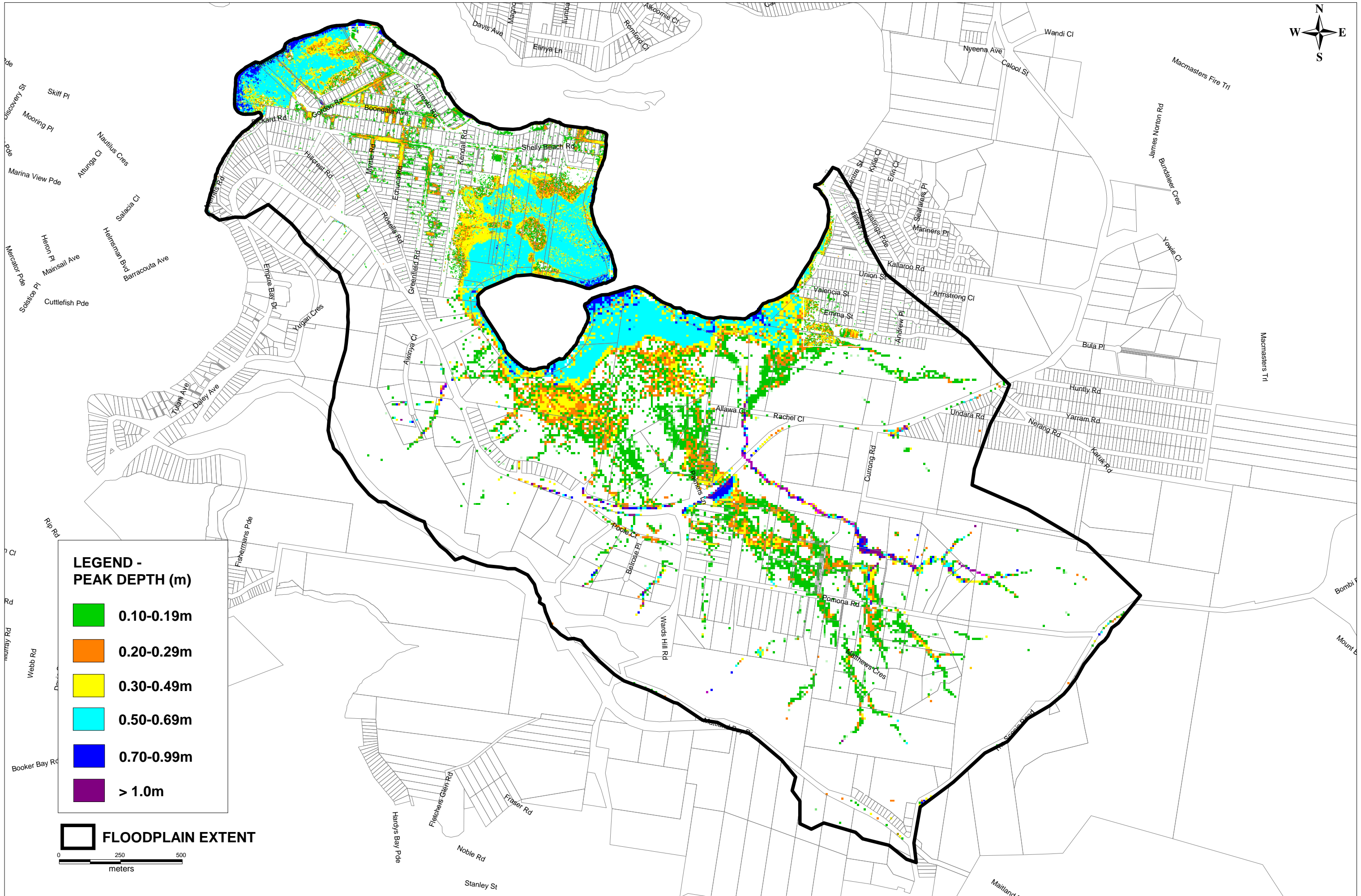


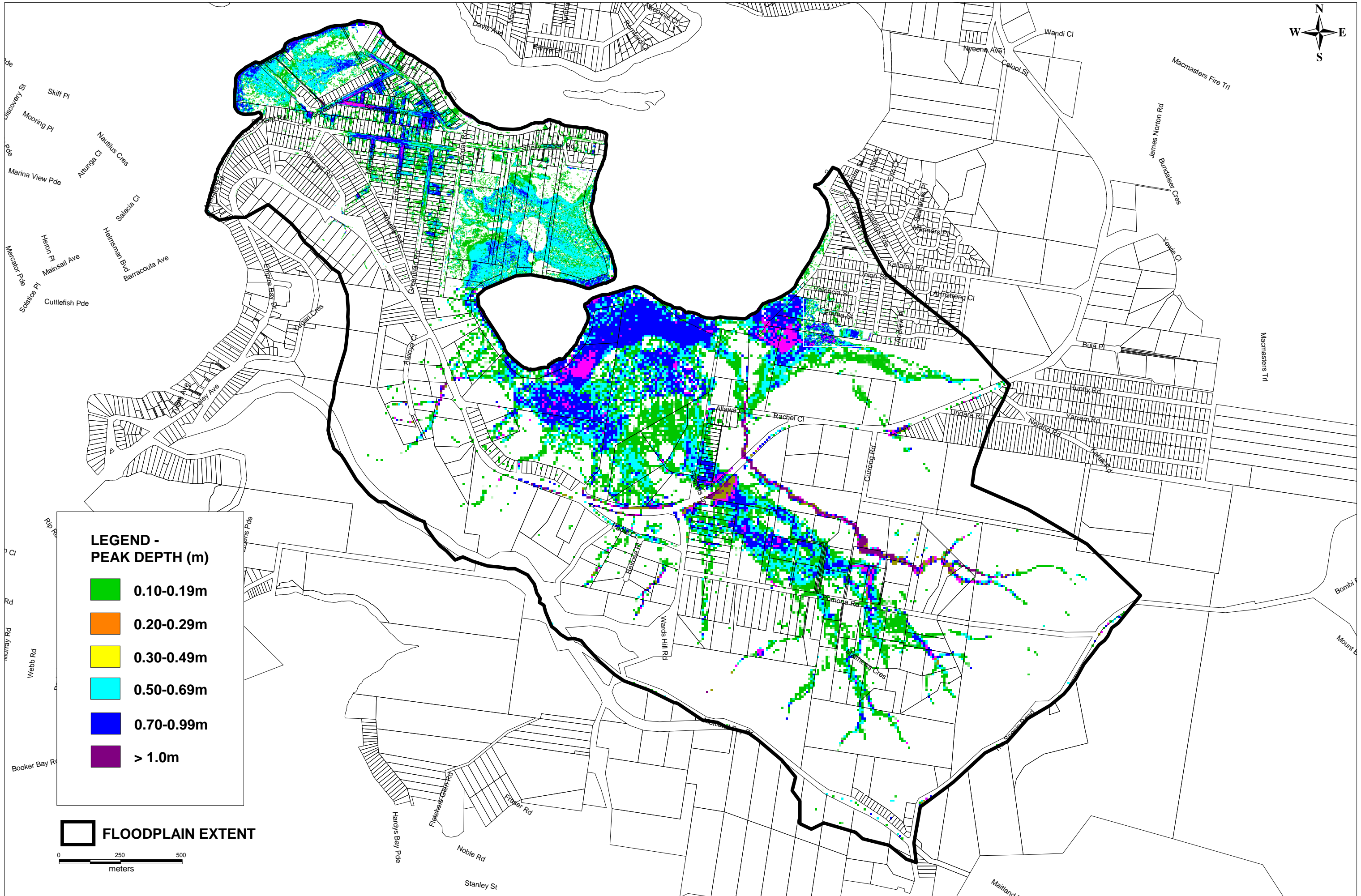


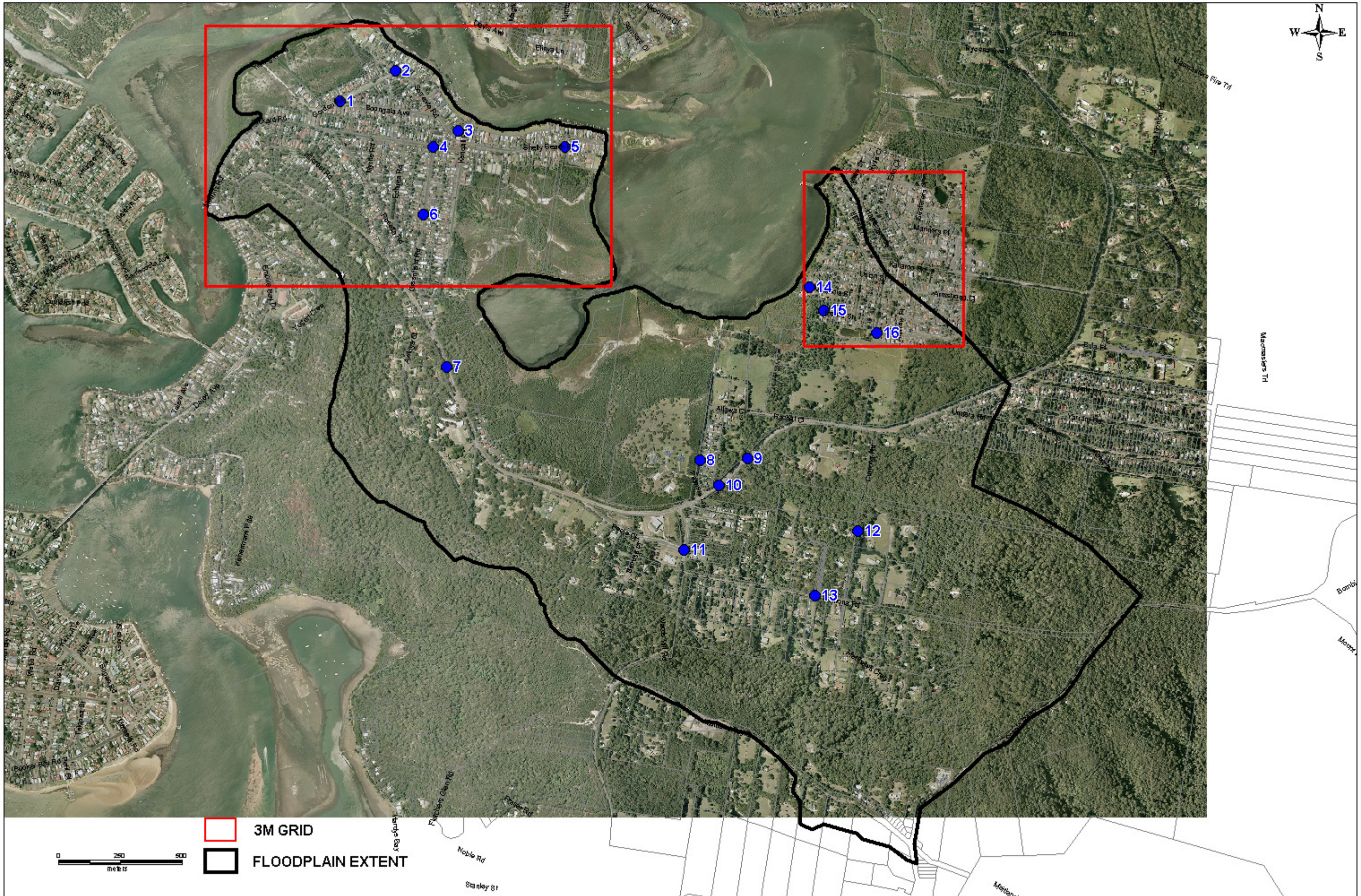
- Roughness Parameter**
- Channel - $n=0.03$
 - Bushland - $n=0.06$
 - Open Space - $n=0.03, 0.04$ or 0.05
 - Residential - $n=0.09$
 - Road - $n=0.02$
 - Estuary - $n=0.02$
 - Vegetated Marsh - $n=0.06$ or 0.07

FLOODPLAIN EXTENT
MODELLED EXTENT

0 250 500
 meters

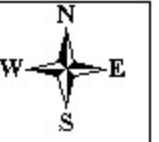


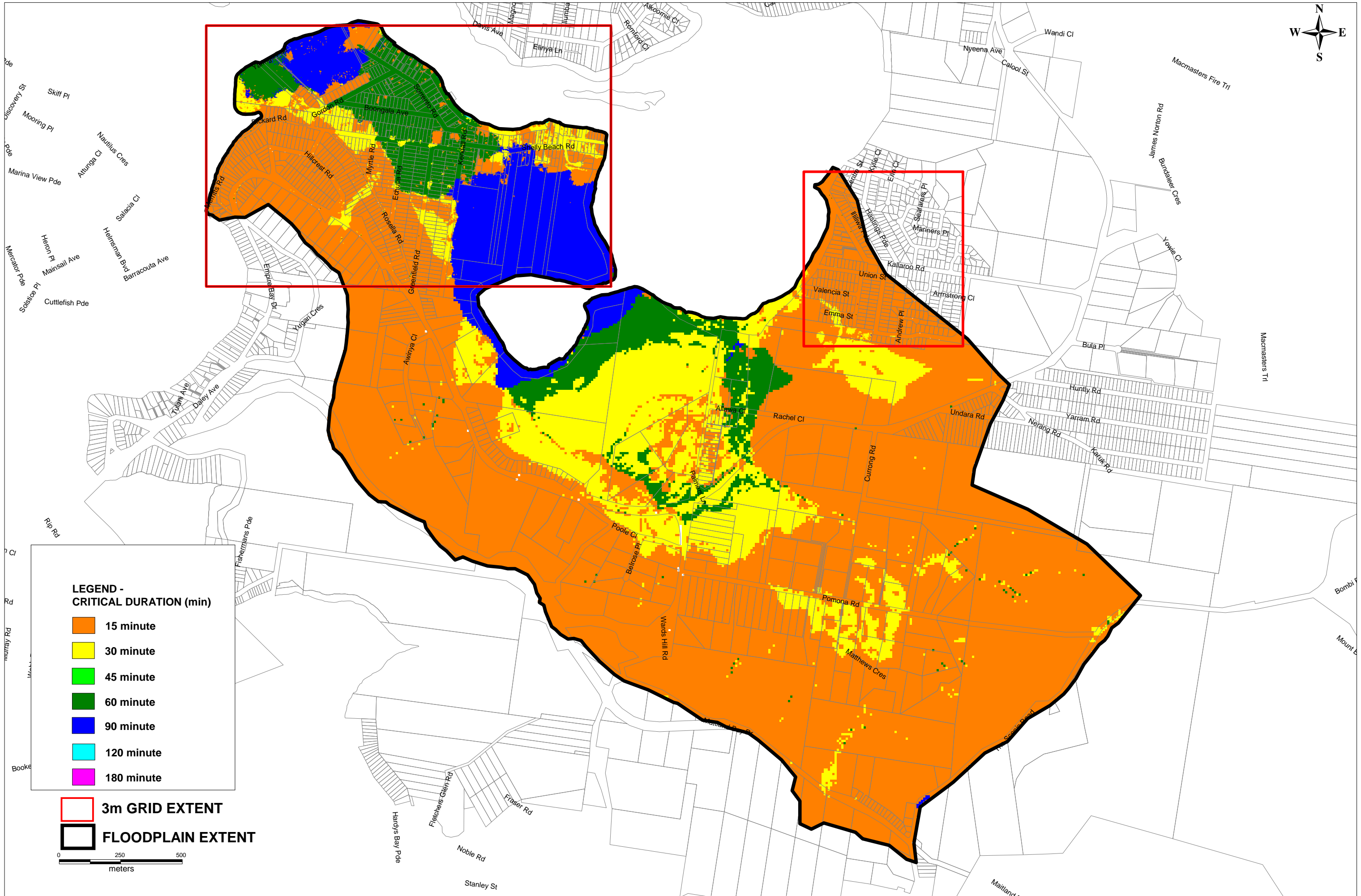


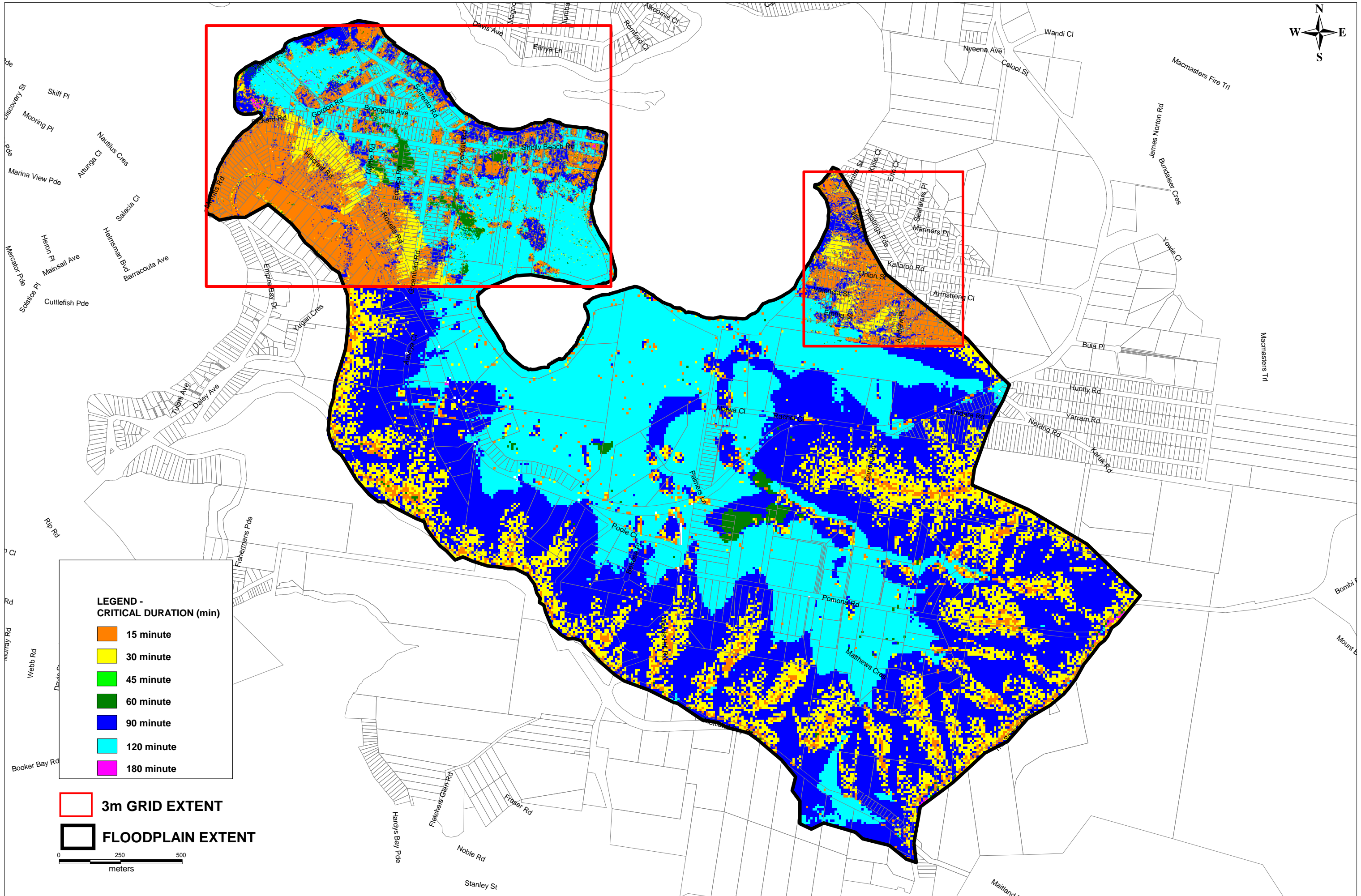


3M GRID
 FLOODPLAIN EXTENT

0 250 500
meters



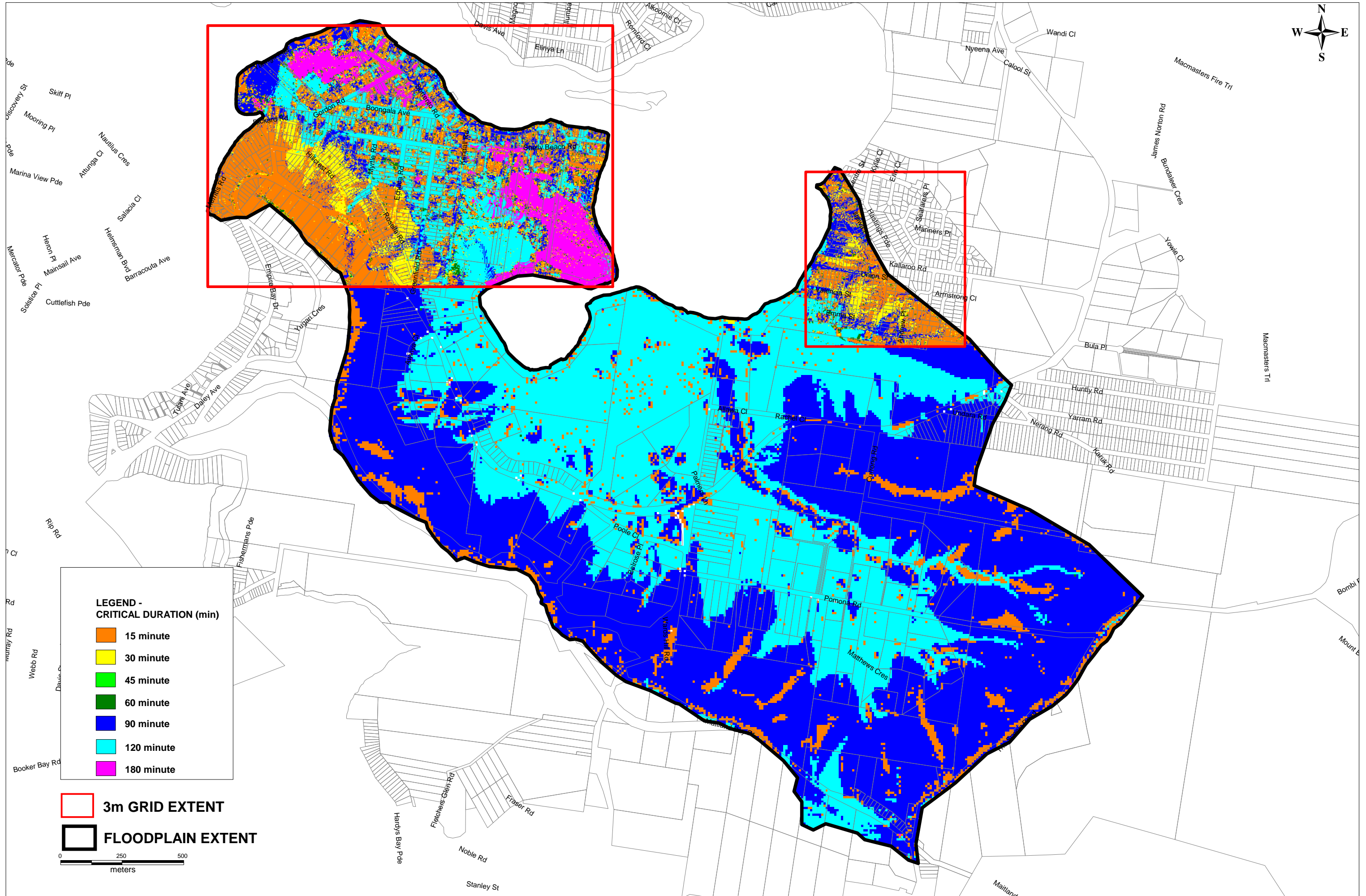


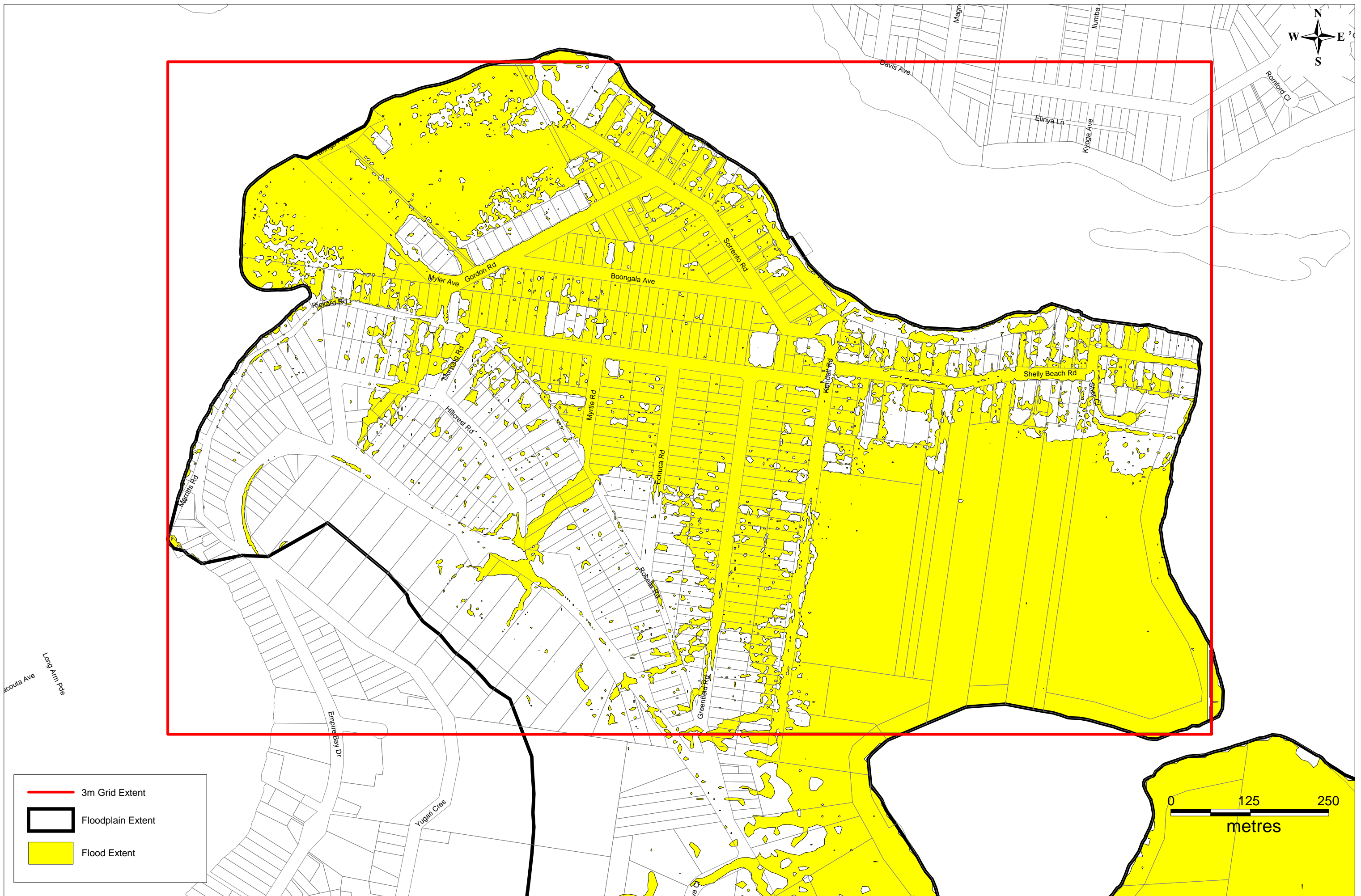


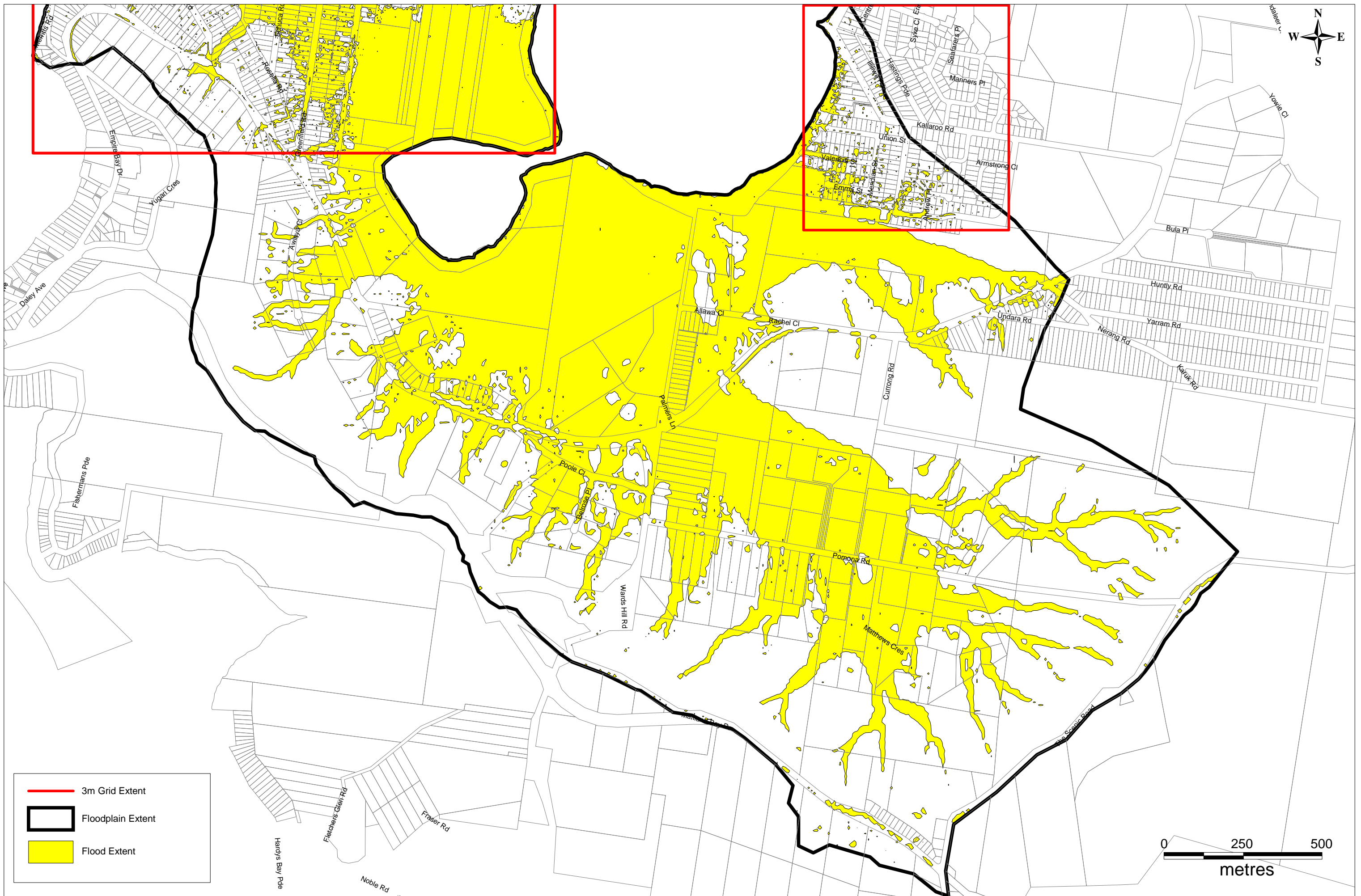
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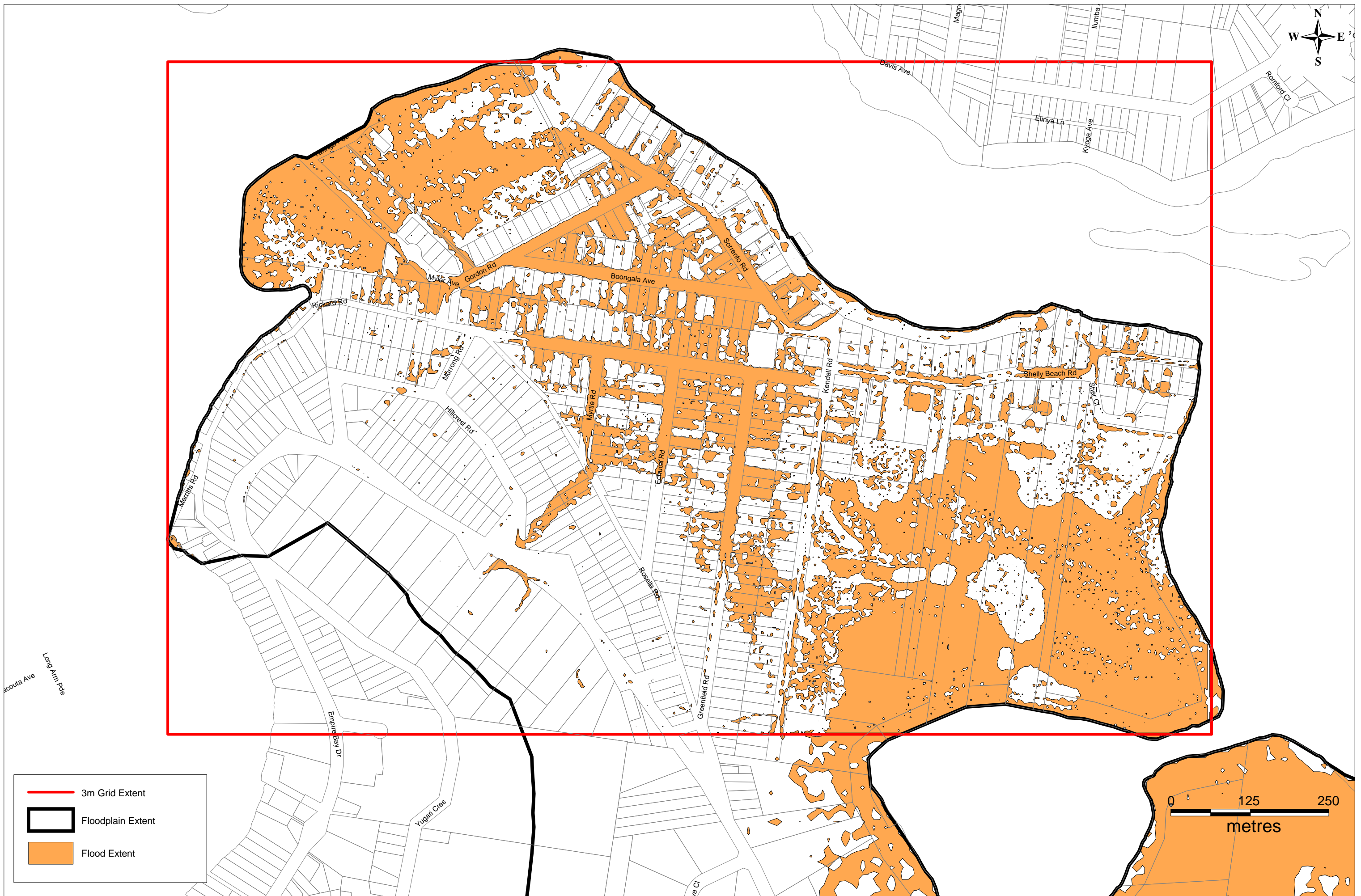
Empire Bay Catchment Flood Study

FIGURE 6.3
1% AEP CRITICAL DURATION

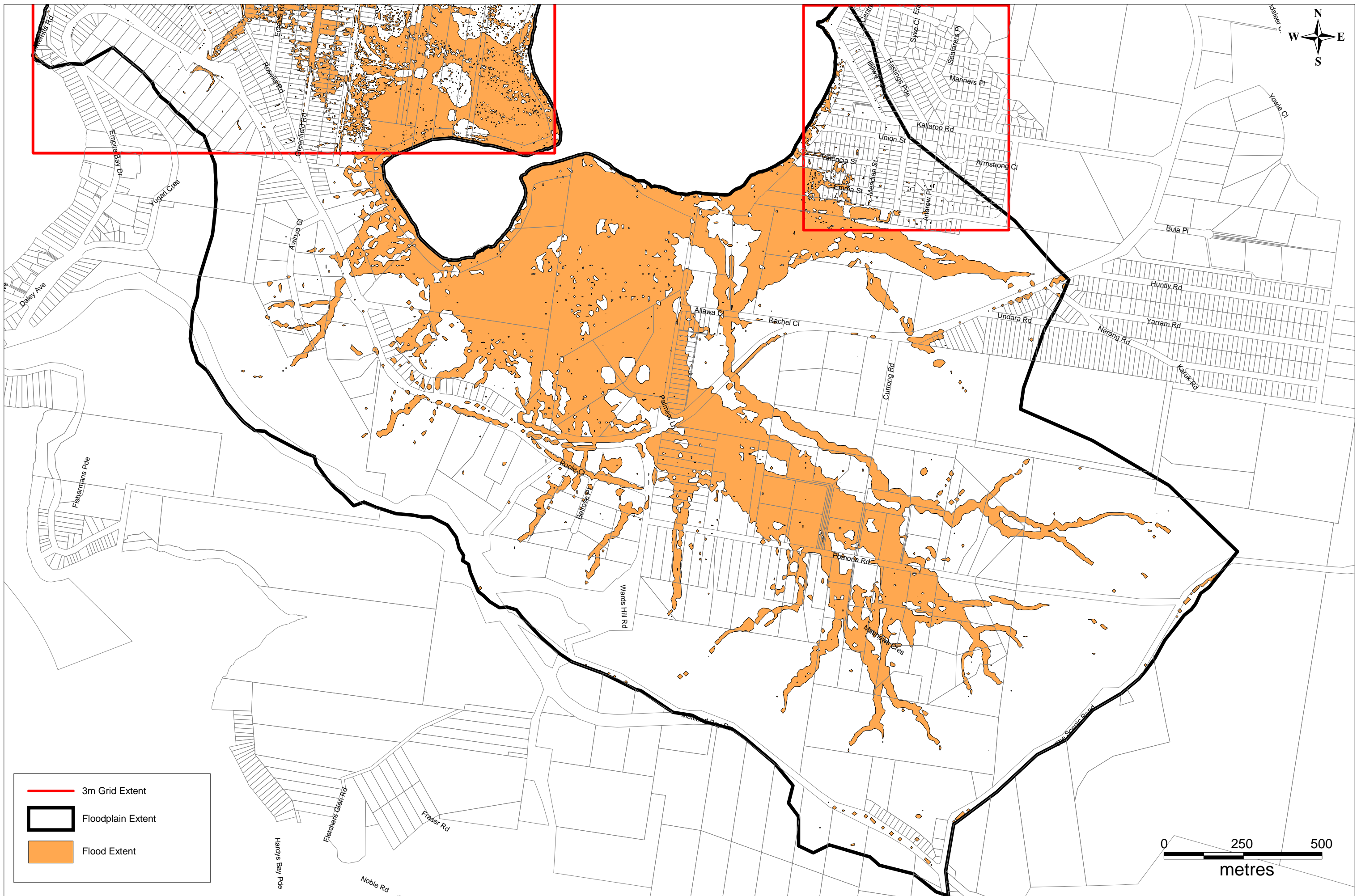




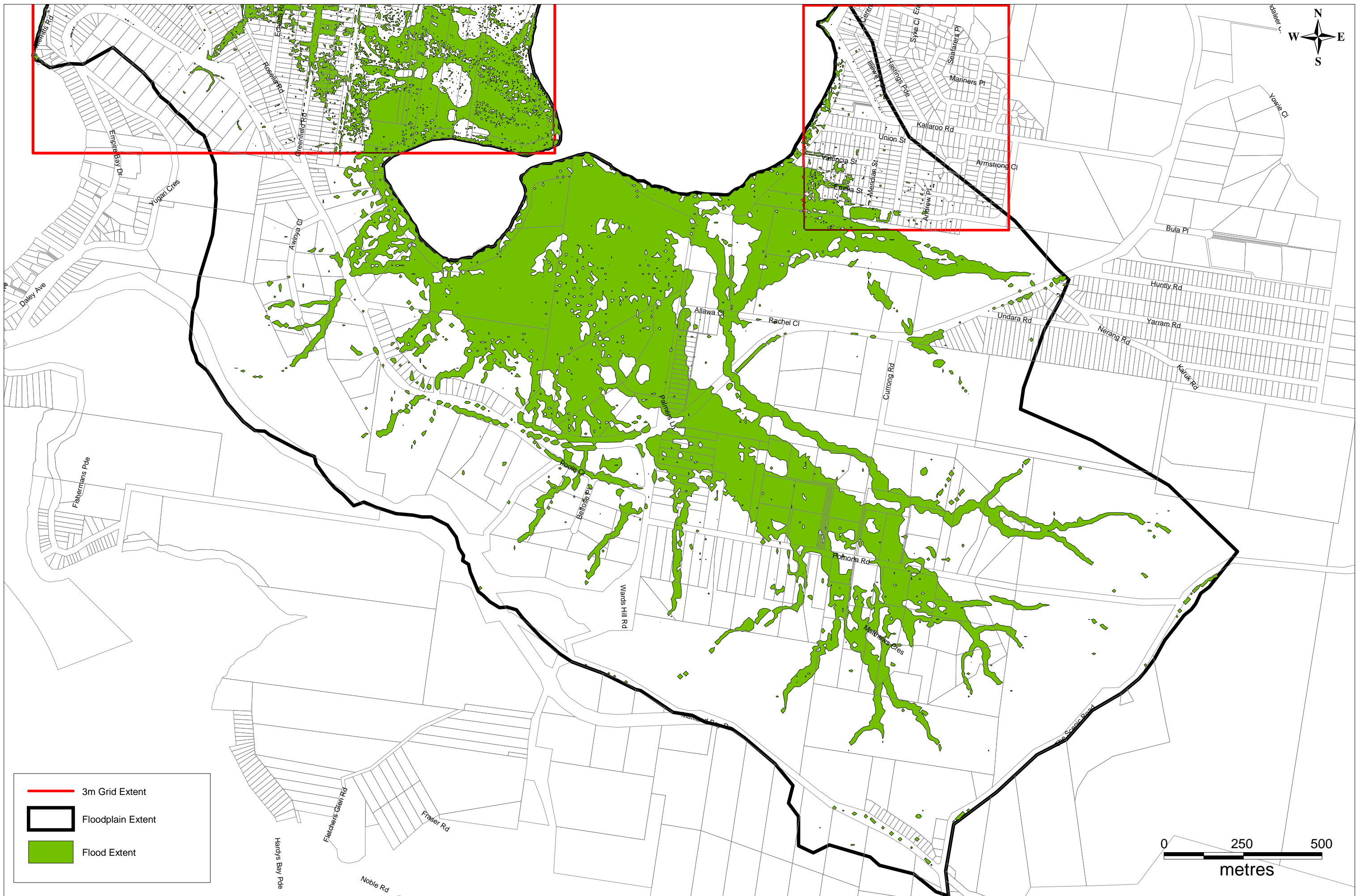


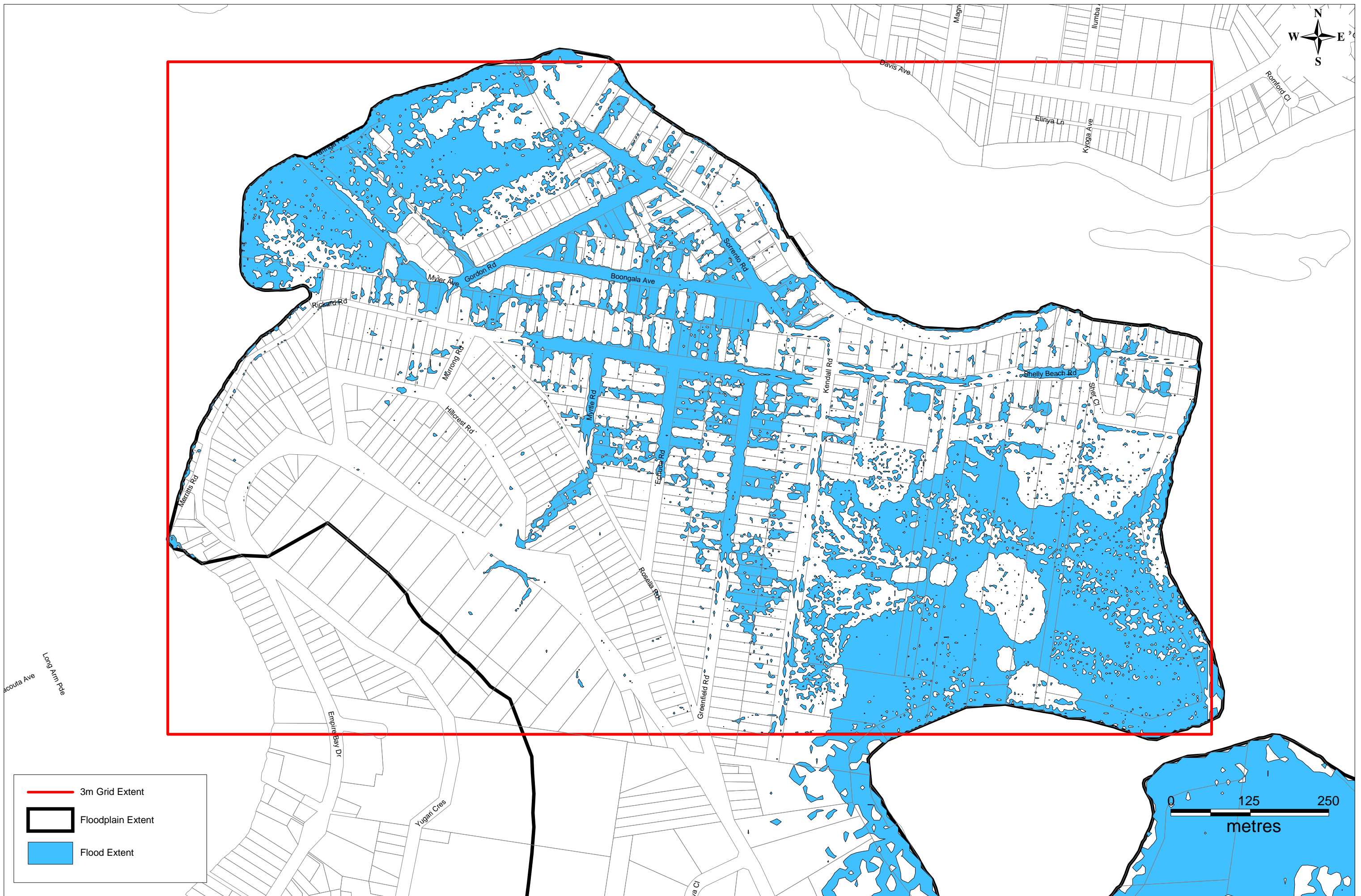





— 3m Grid Extent
 Floodplain Extent
 Flood Extent

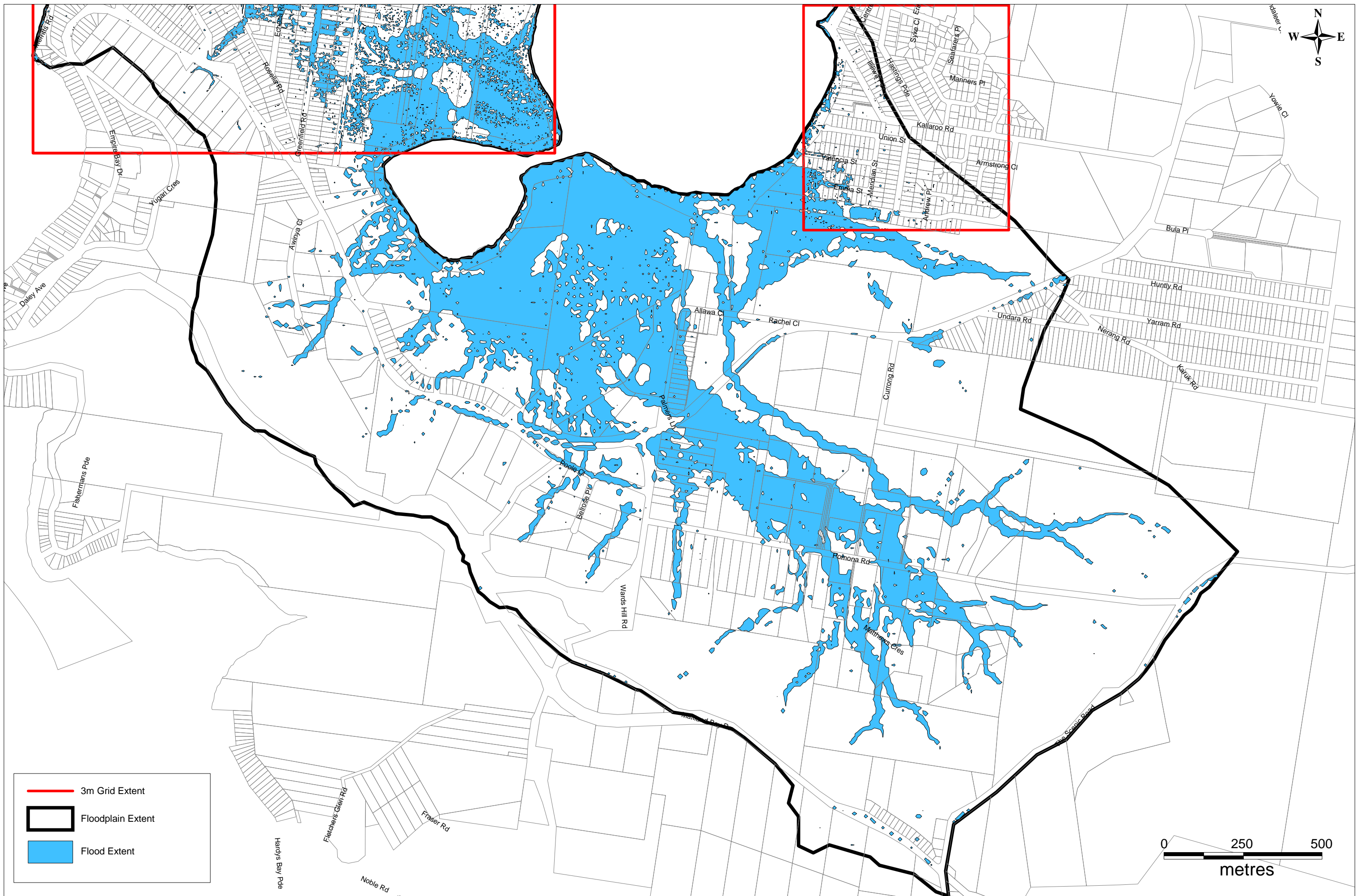


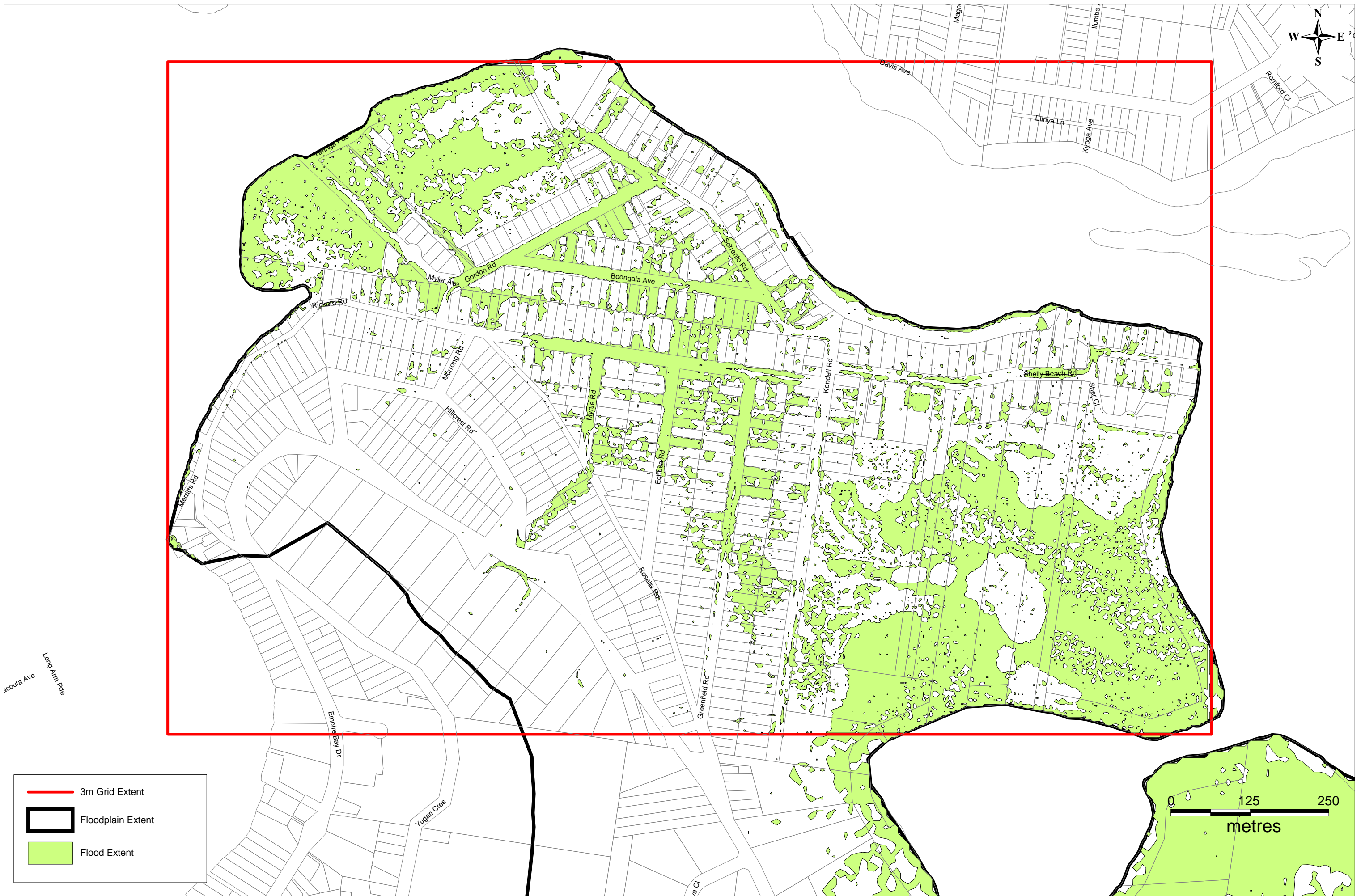


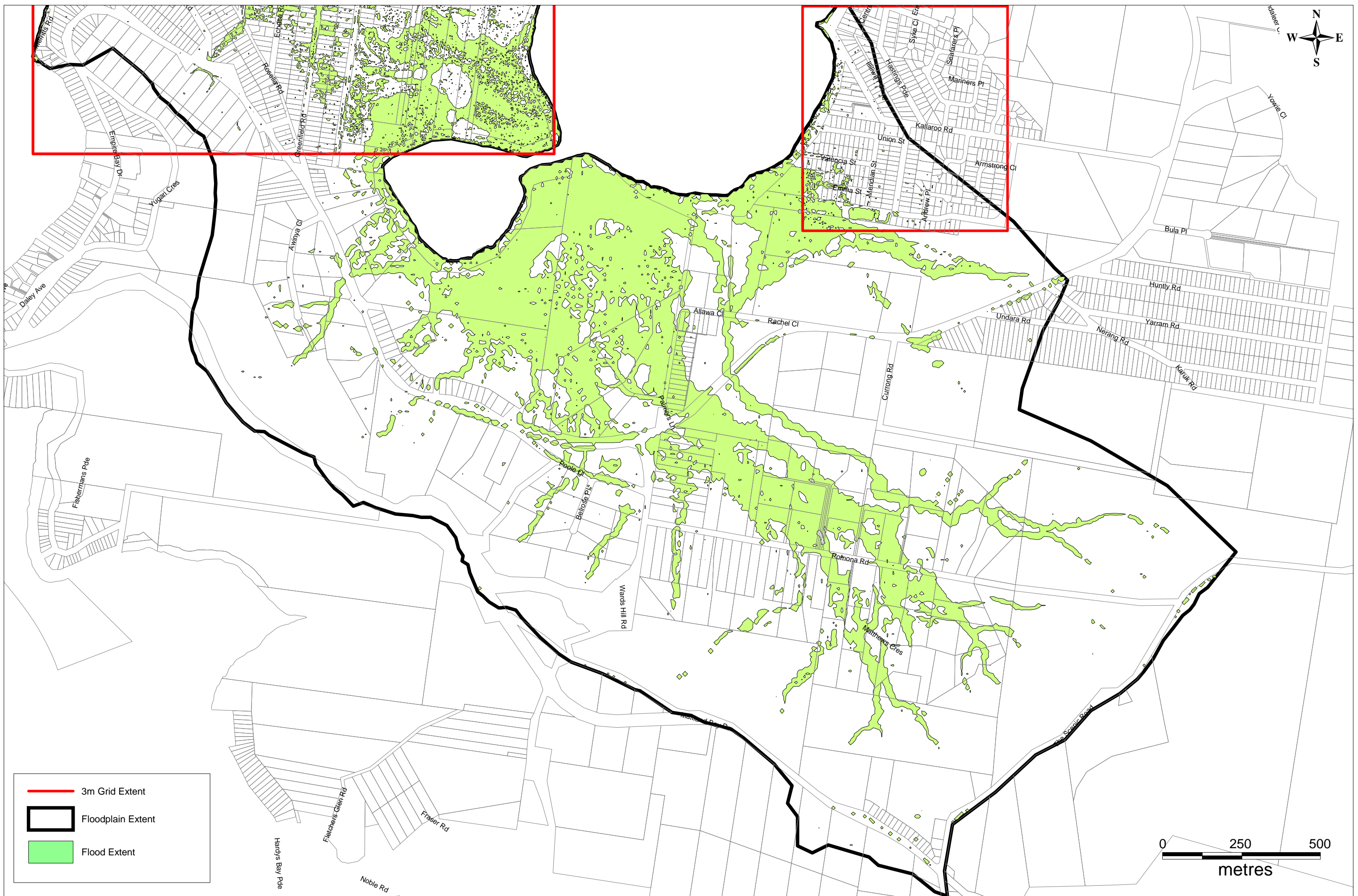


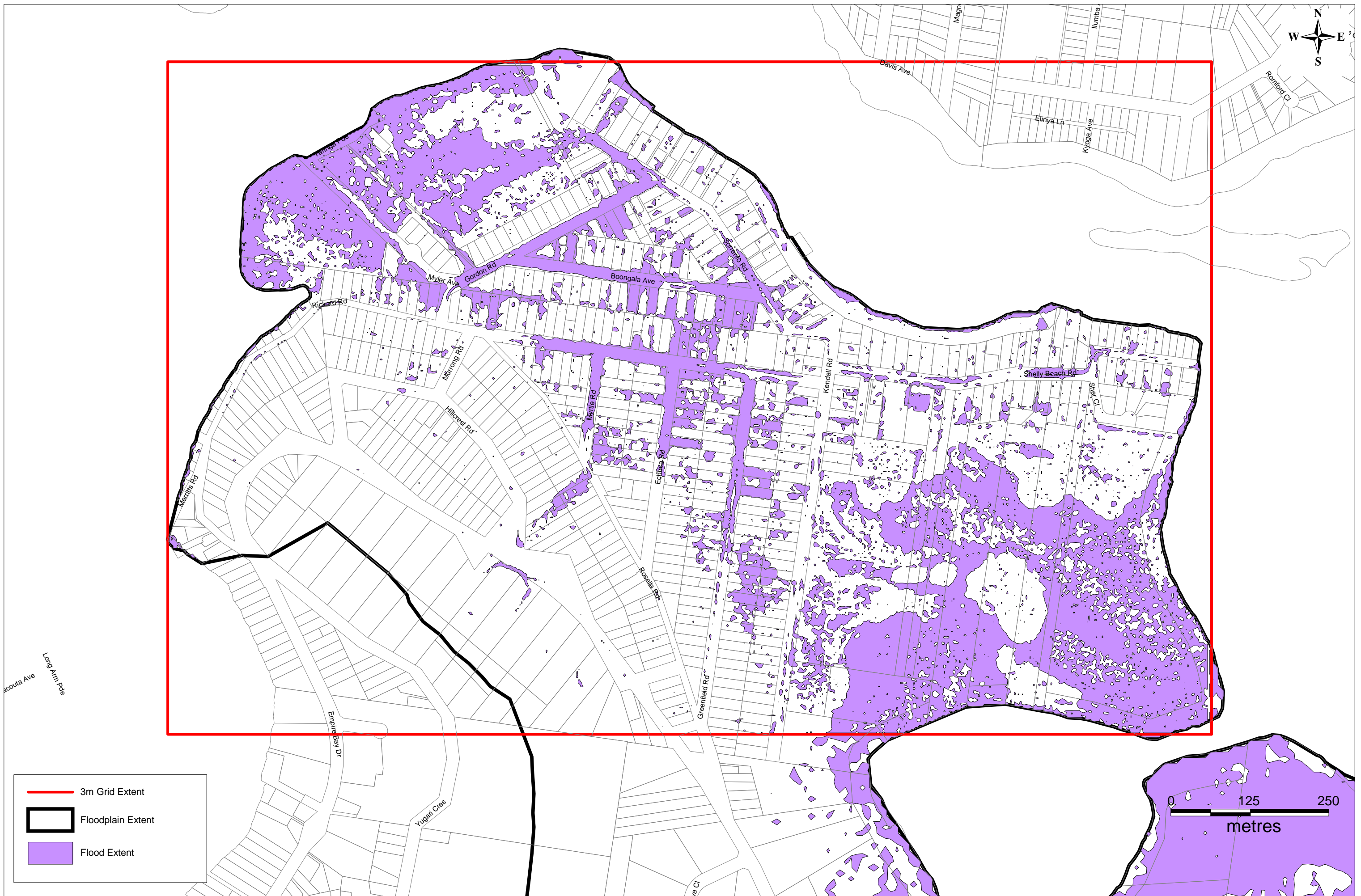


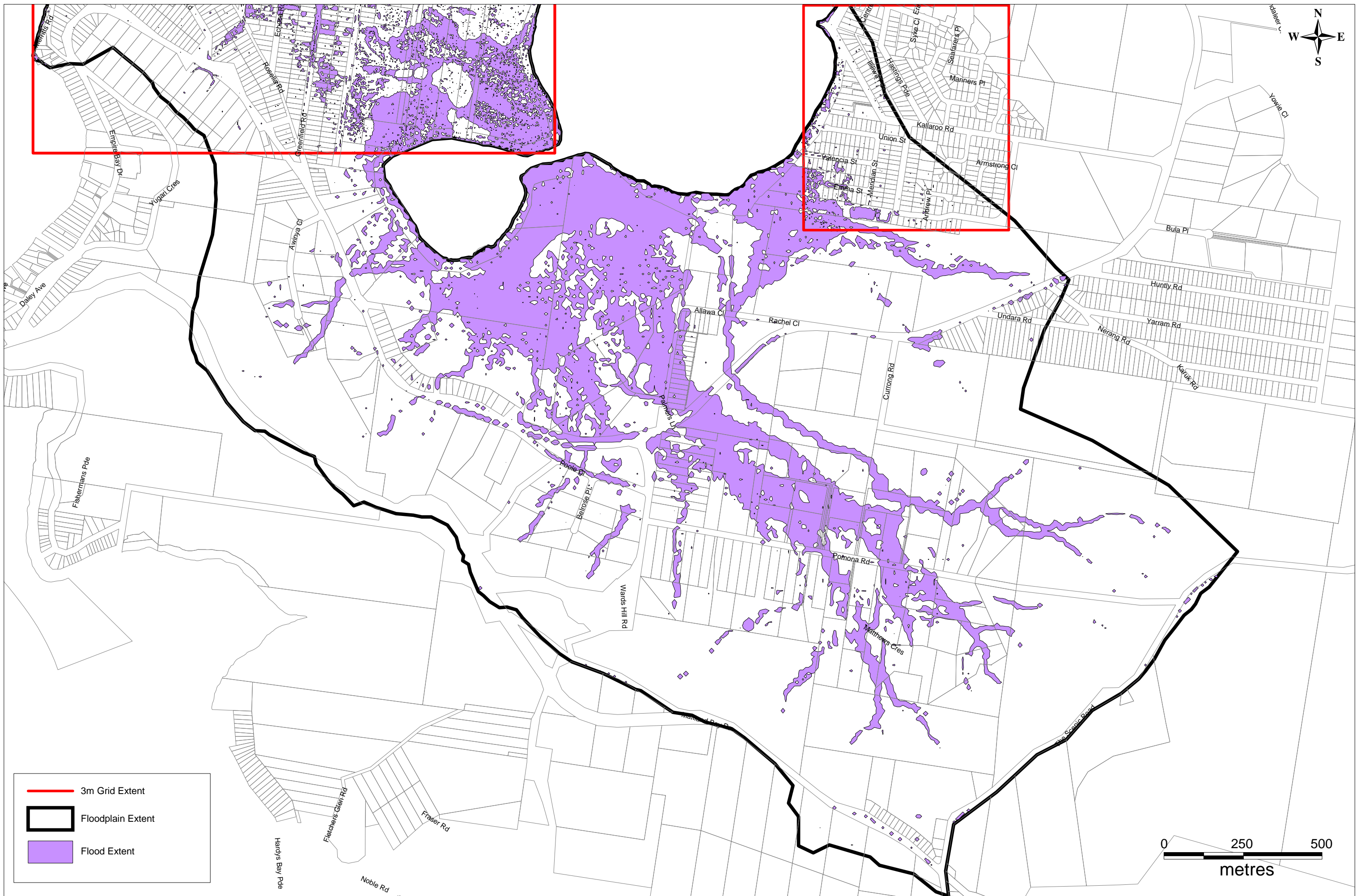
	3m Grid Extent
	Floodplain Extent
	Flood Extent

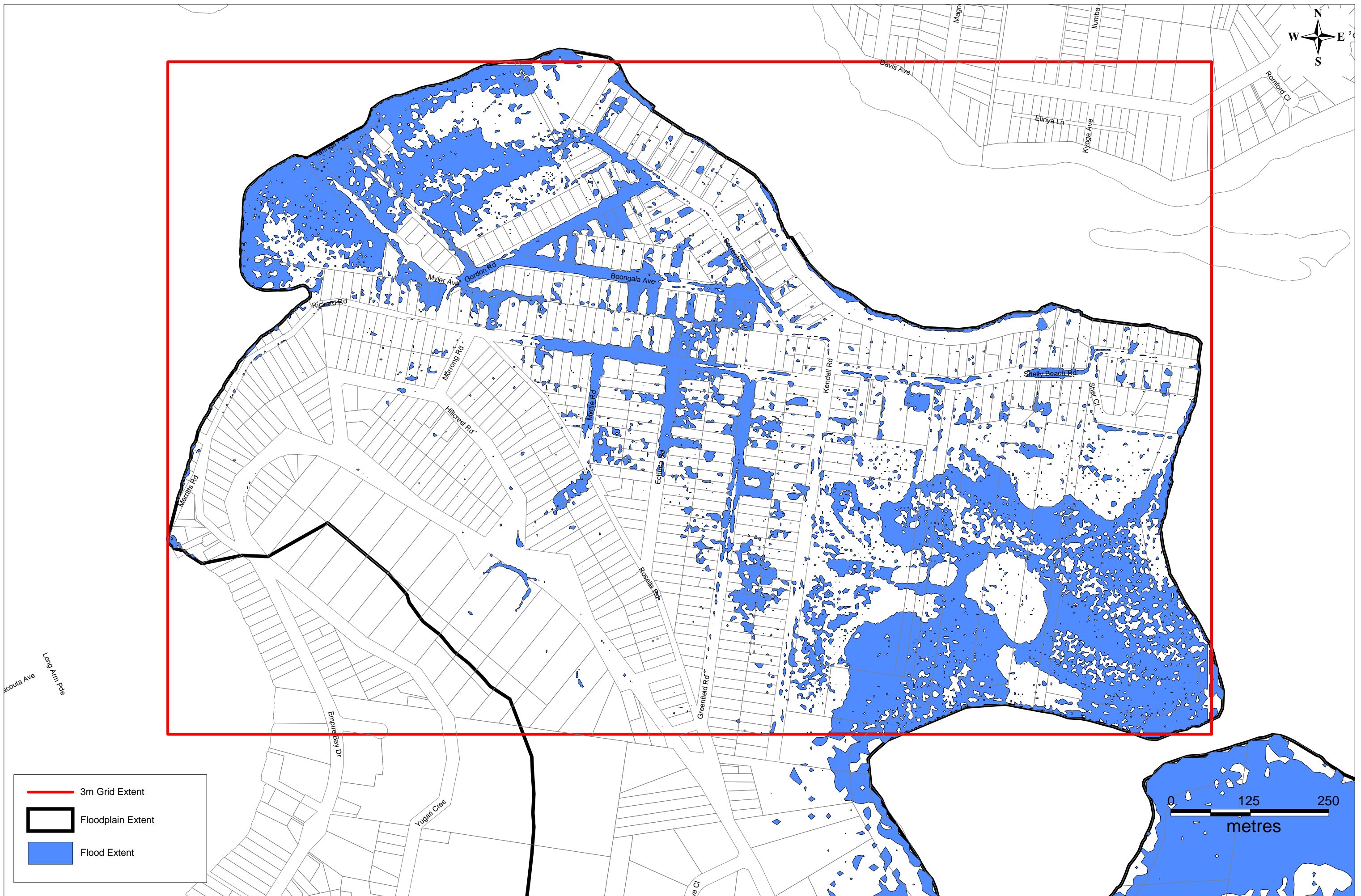


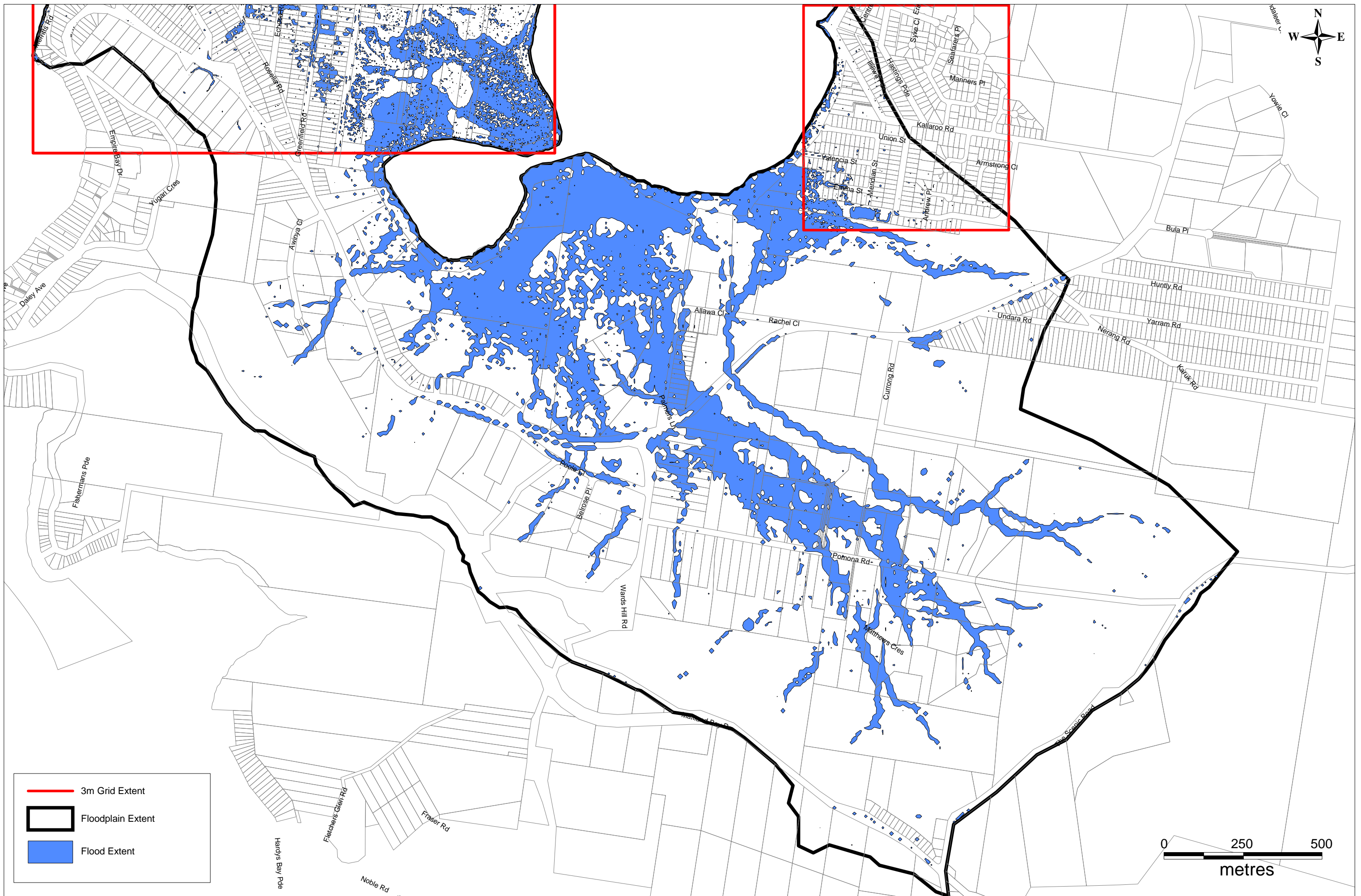


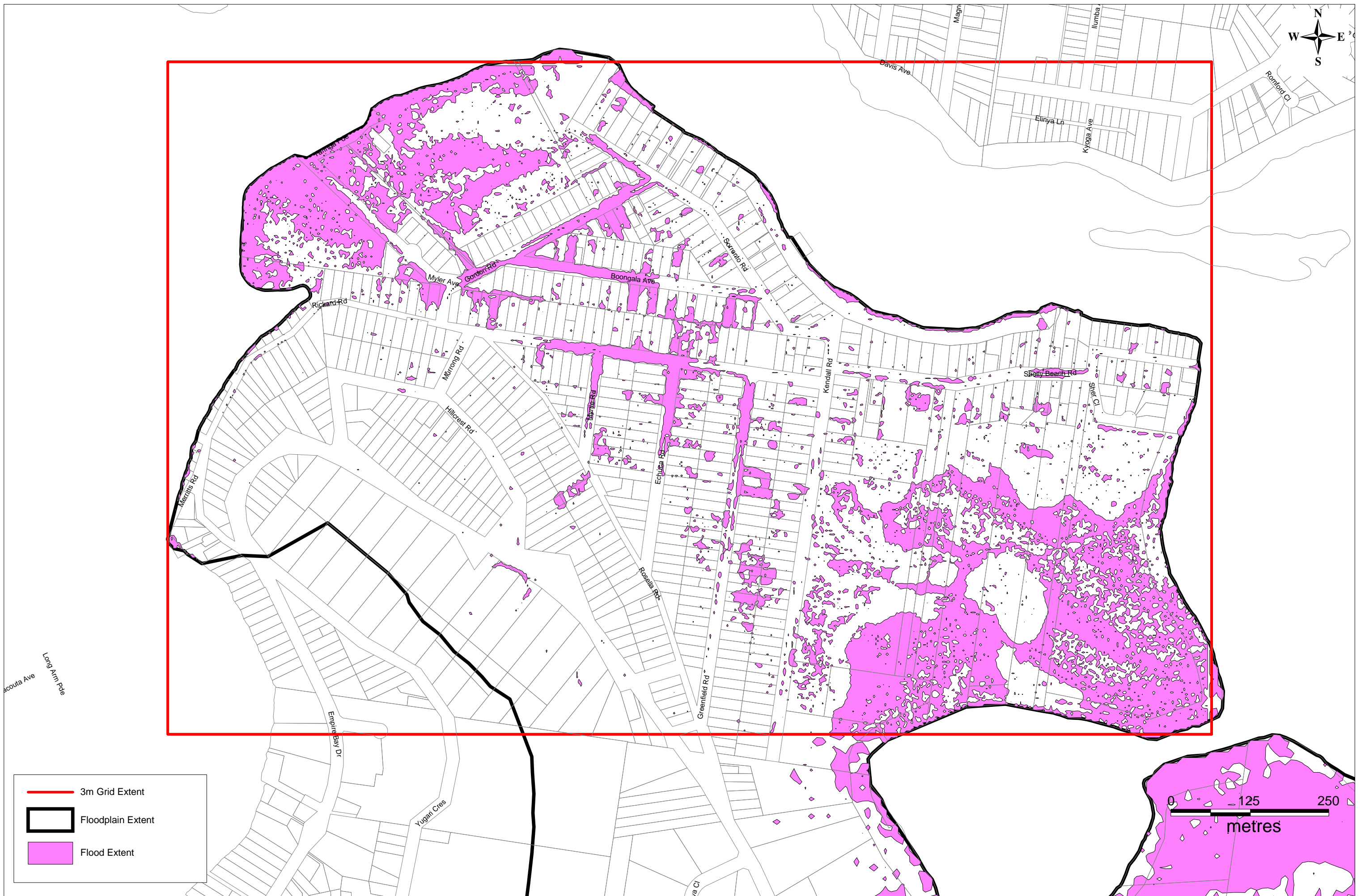


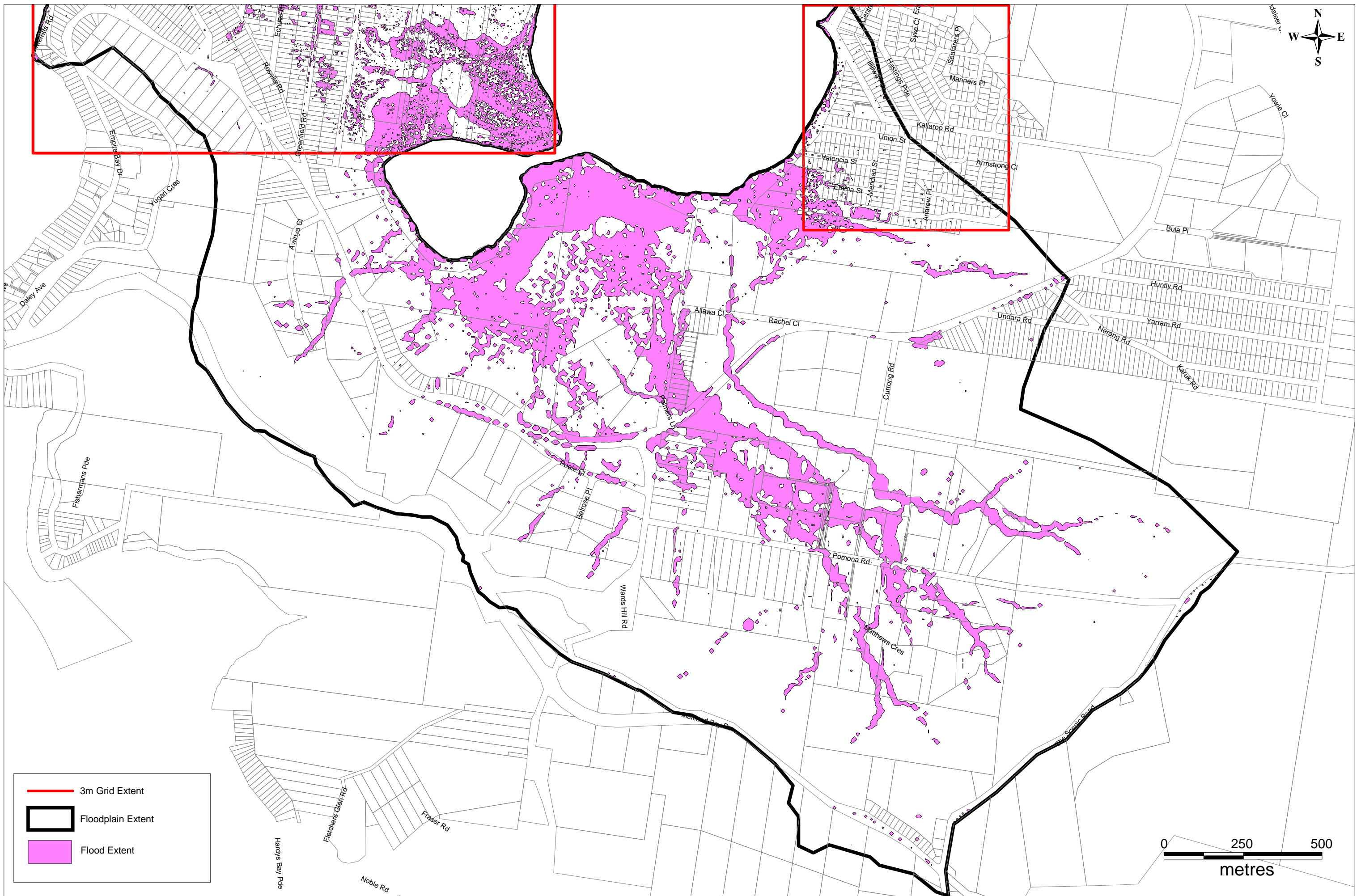




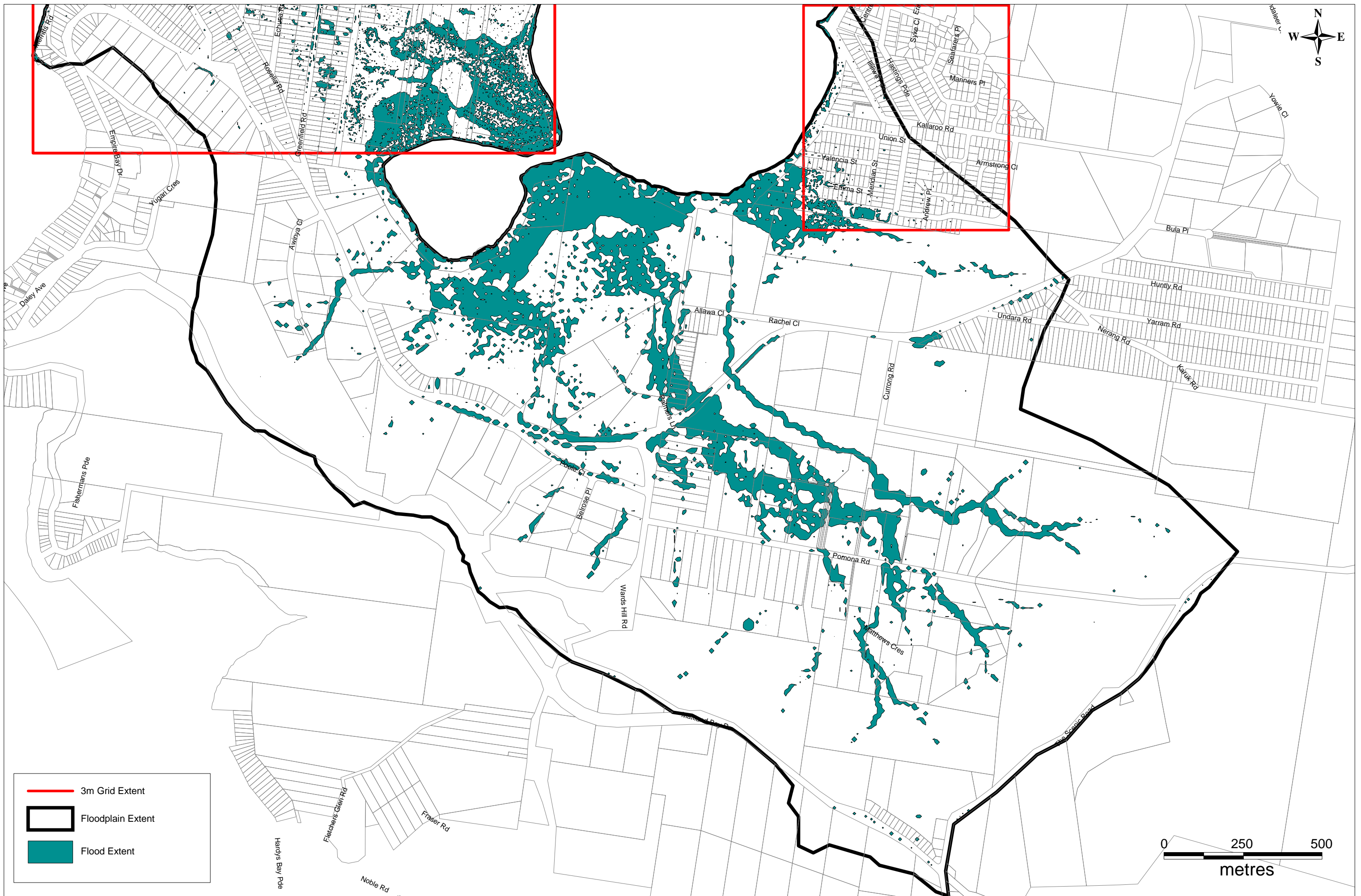


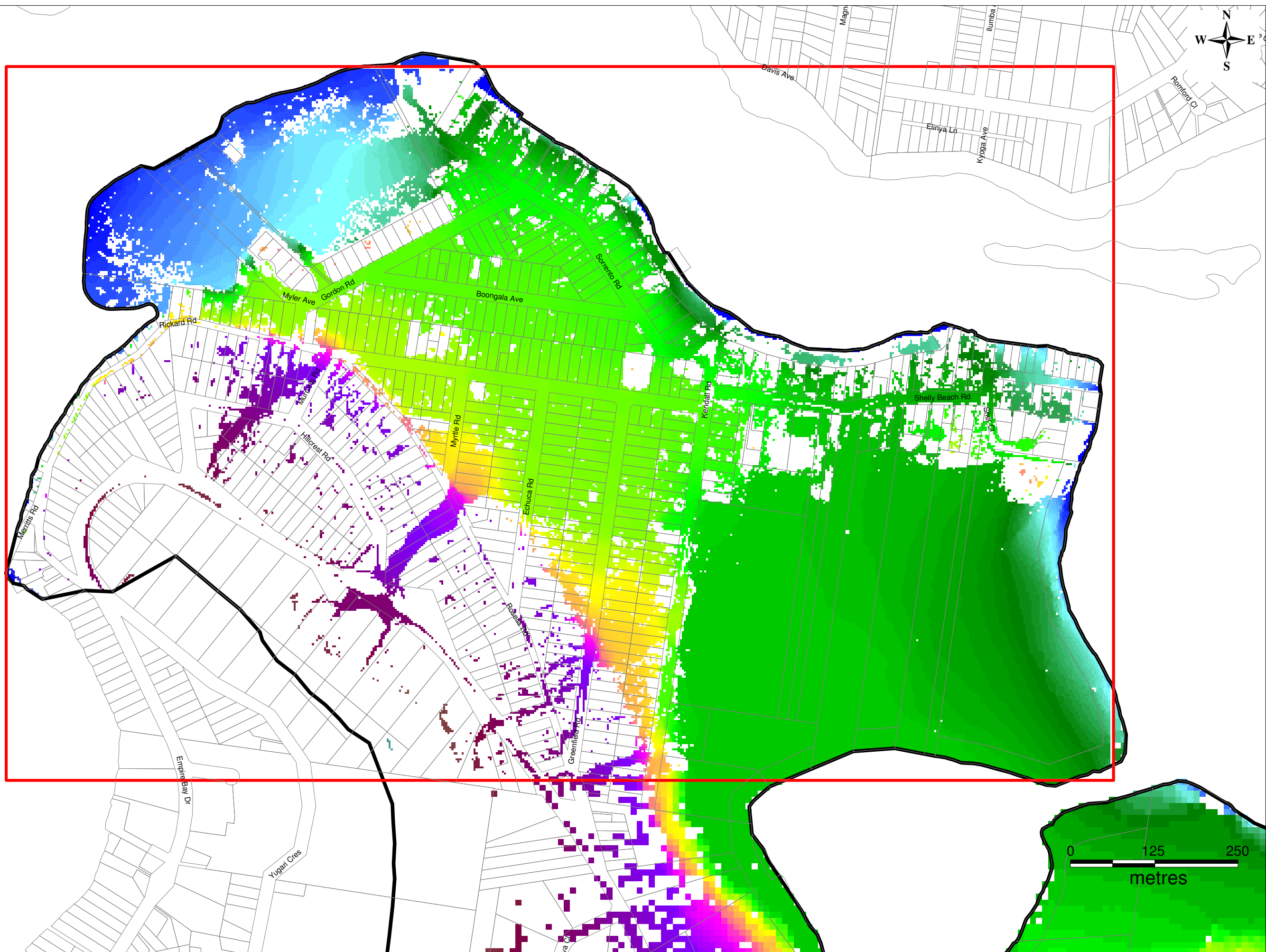








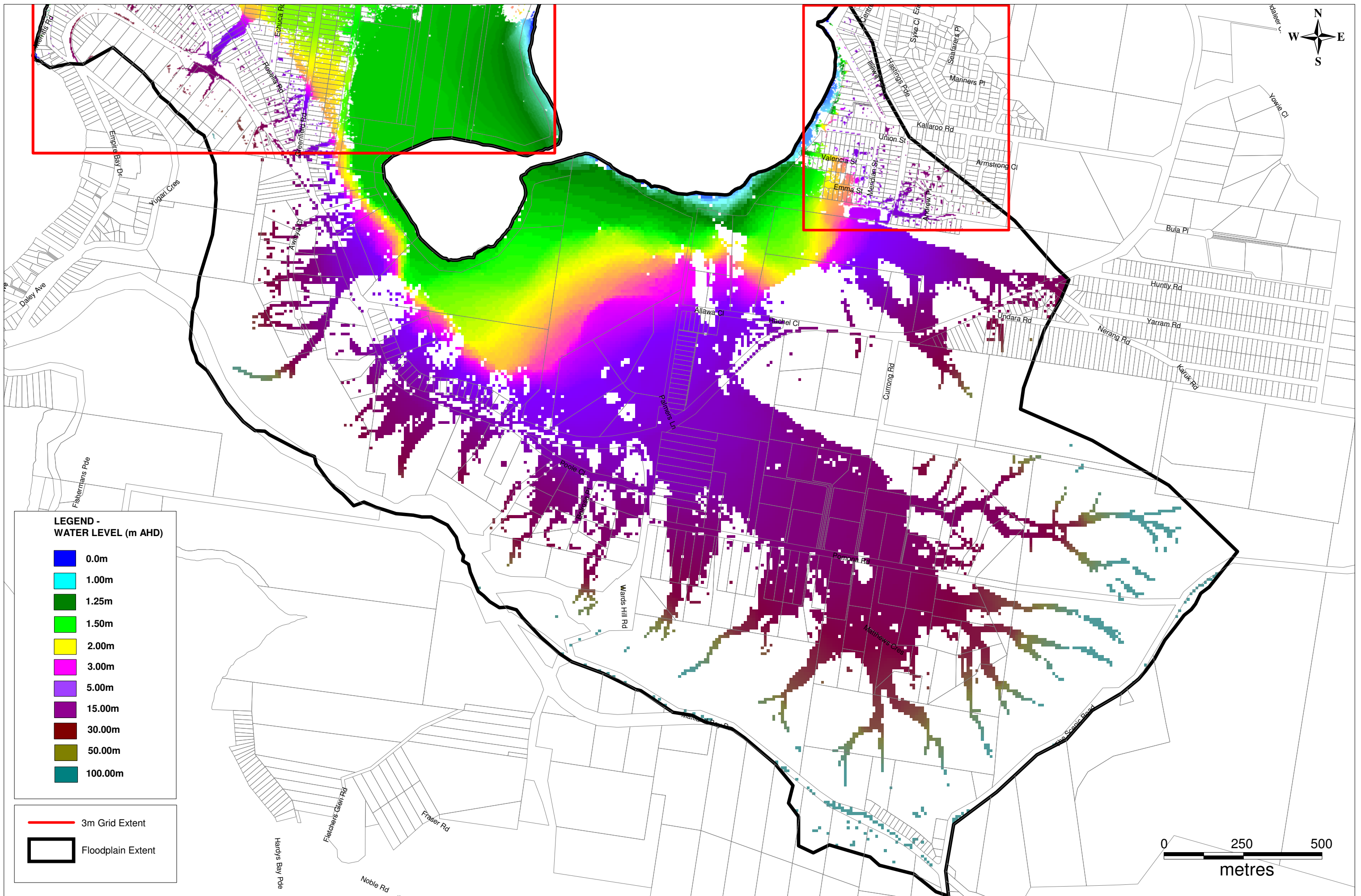


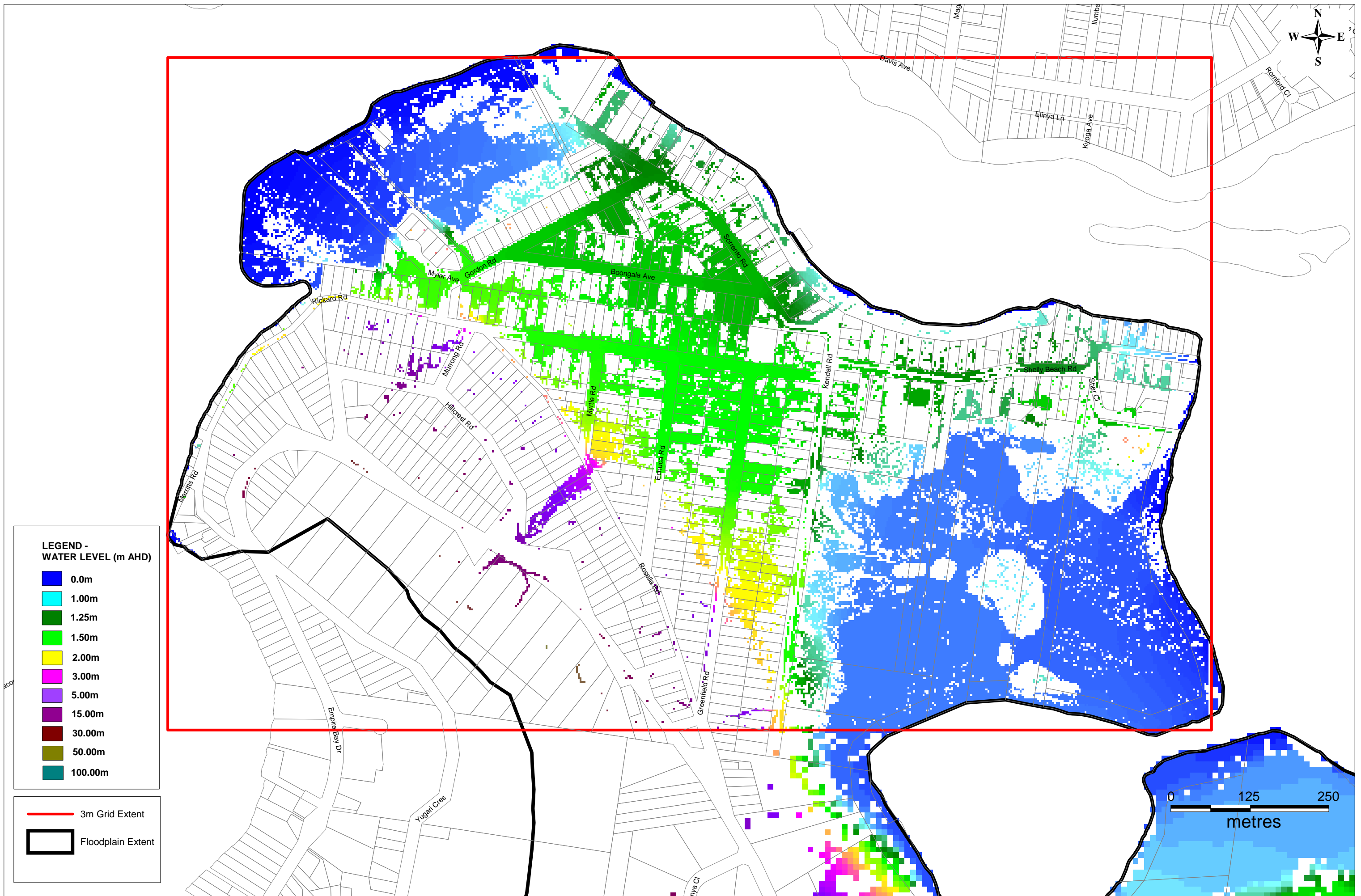


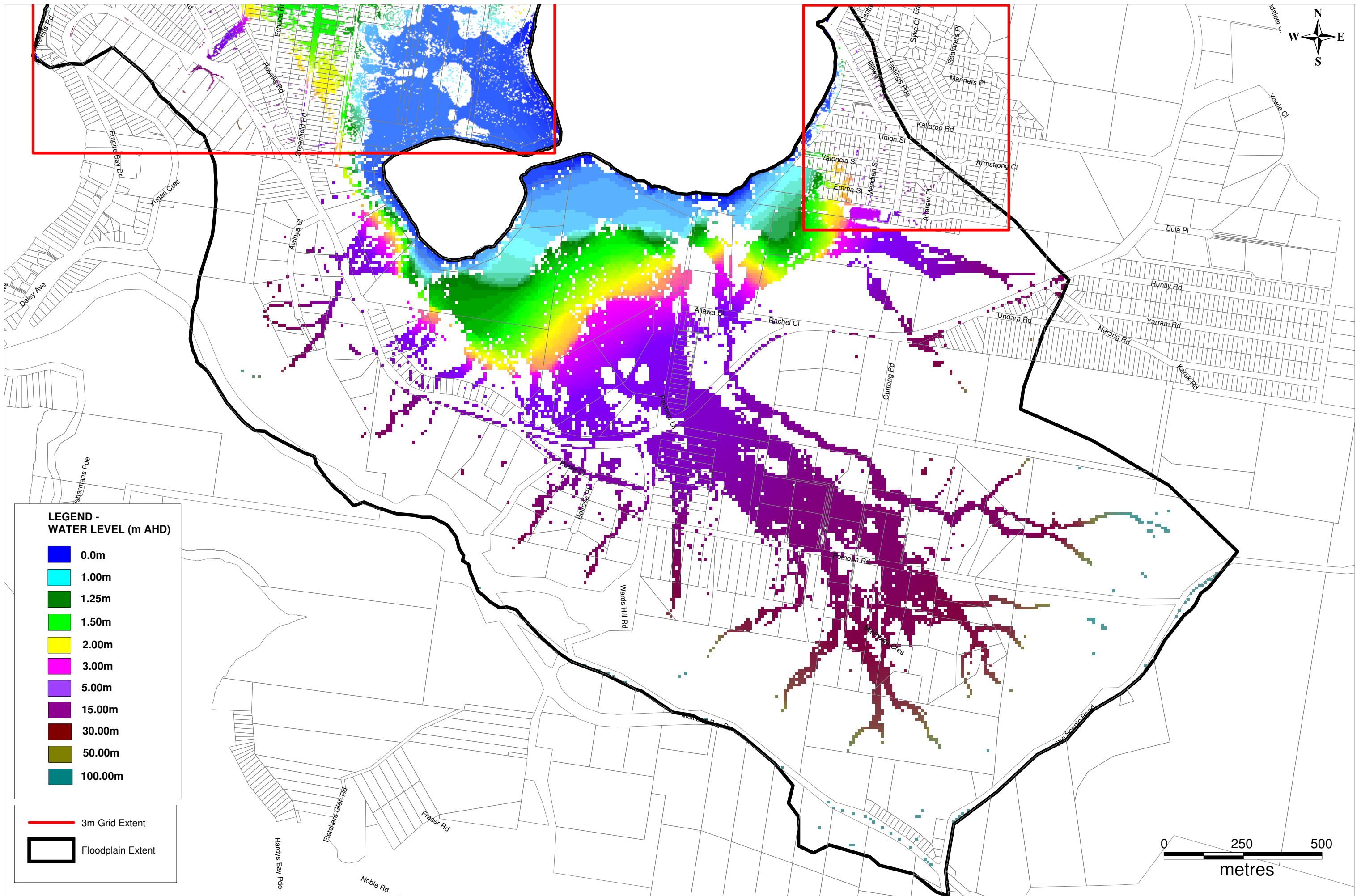
LEGEND - WATER LEVEL (m AHD)

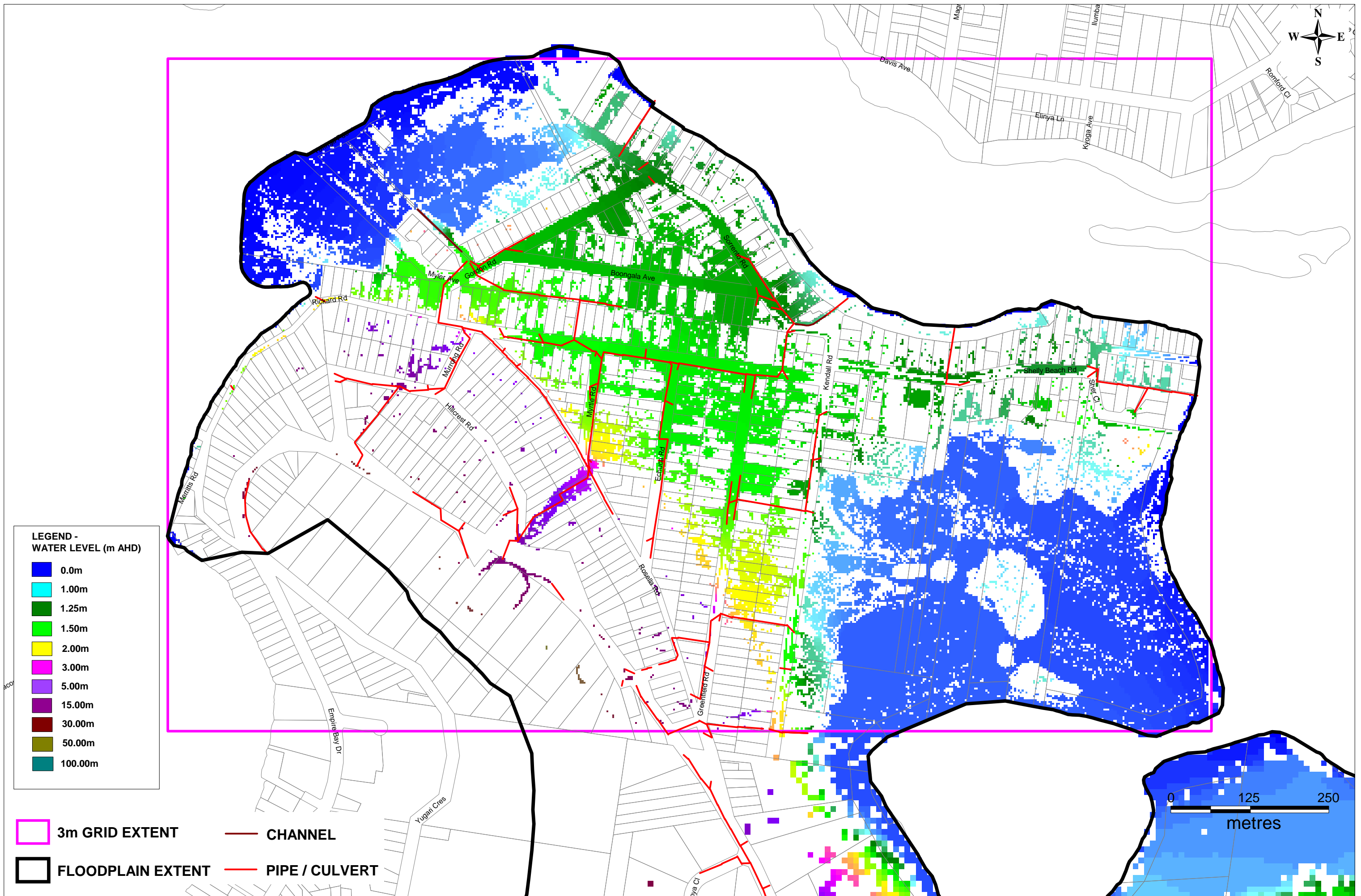
Blue	0.0m
Cyan	1.00m
Light Green	1.25m
Bright Green	1.50m
Yellow	2.00m
Magenta	3.00m
Purple	5.00m
Dark Purple	15.00m
Brown	30.00m
Olive	50.00m
Dark Green	100.00m

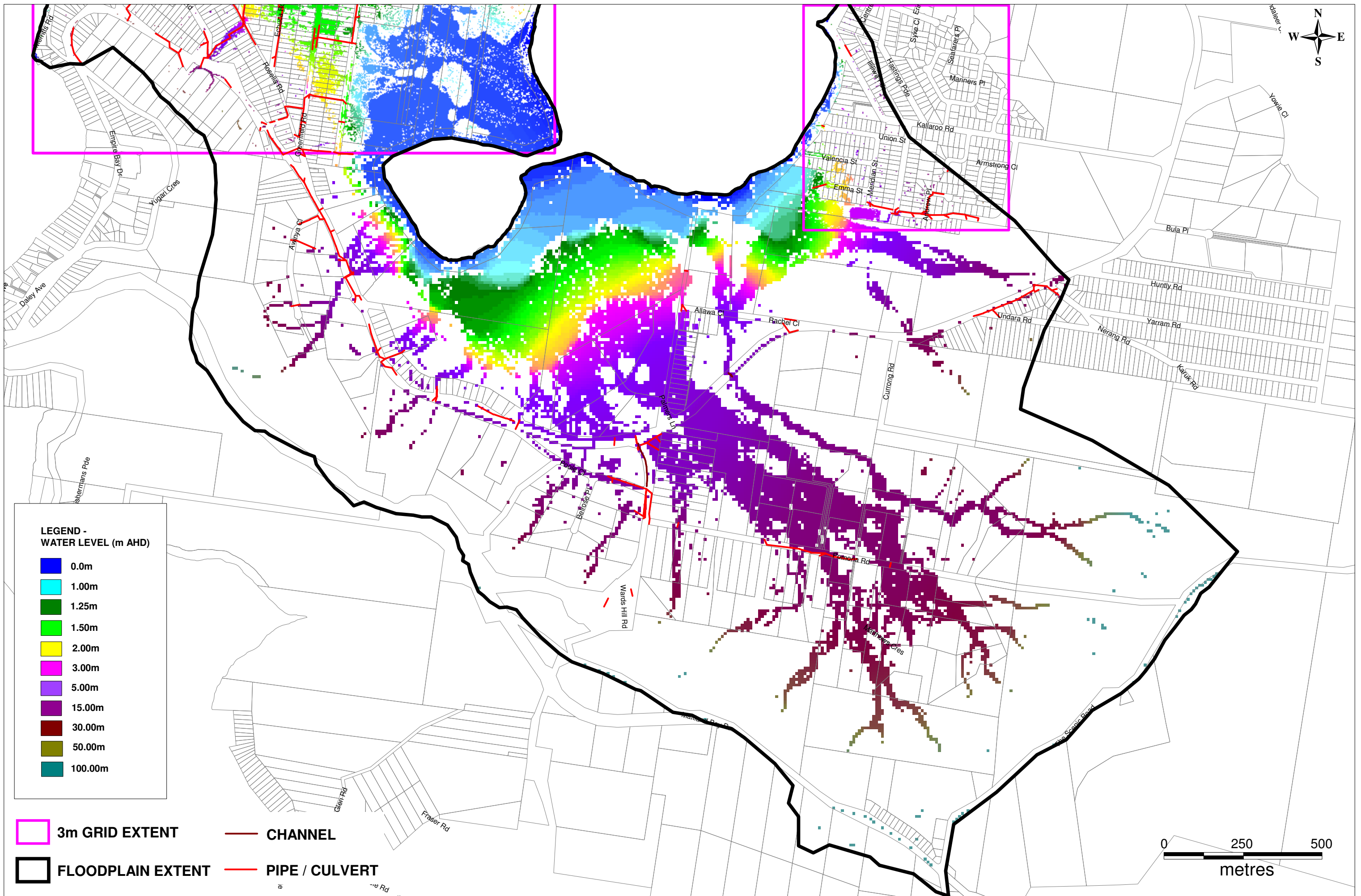
Red line	3m Grid Extent
Black outline	Floodplain Extent

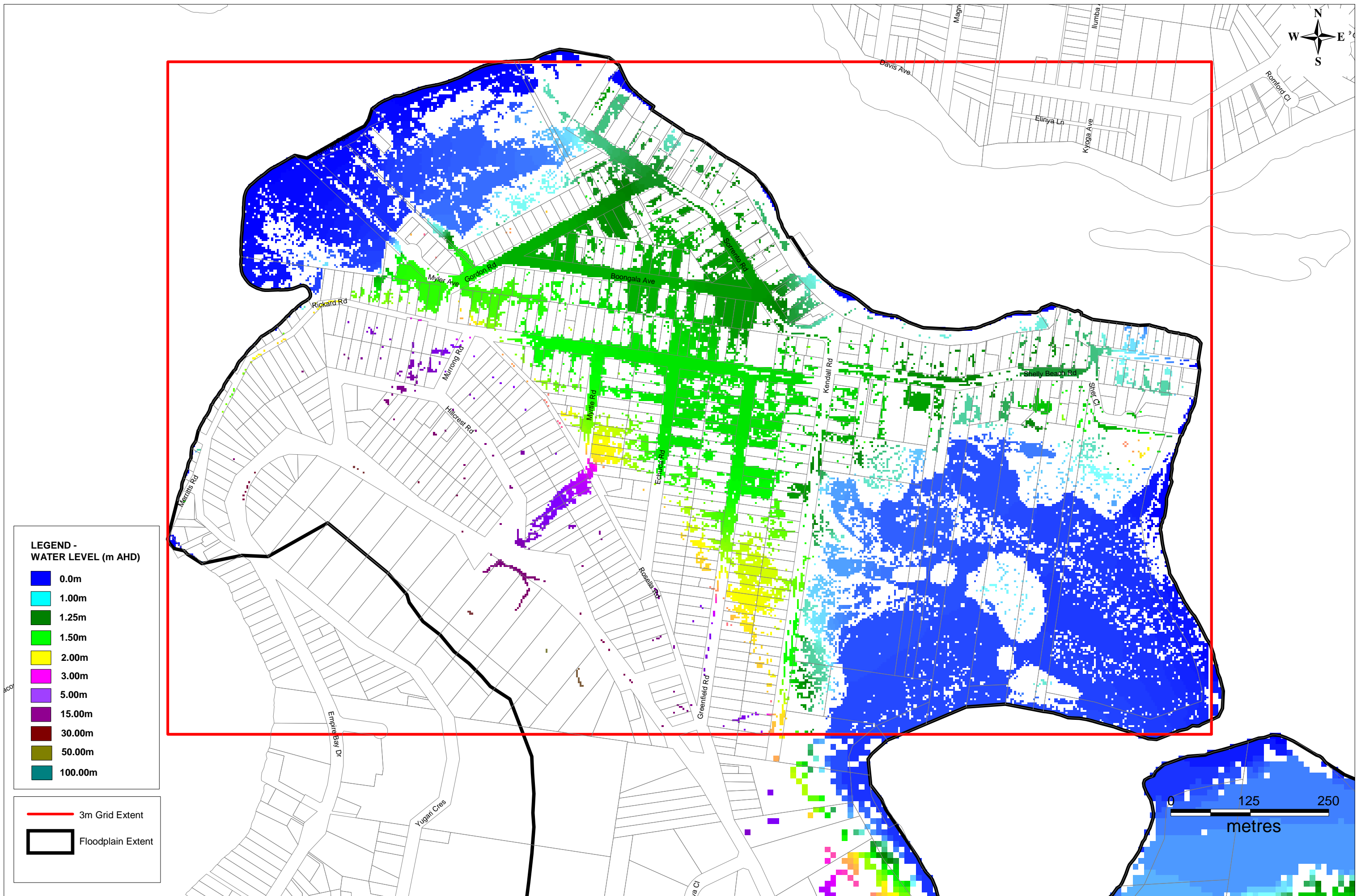


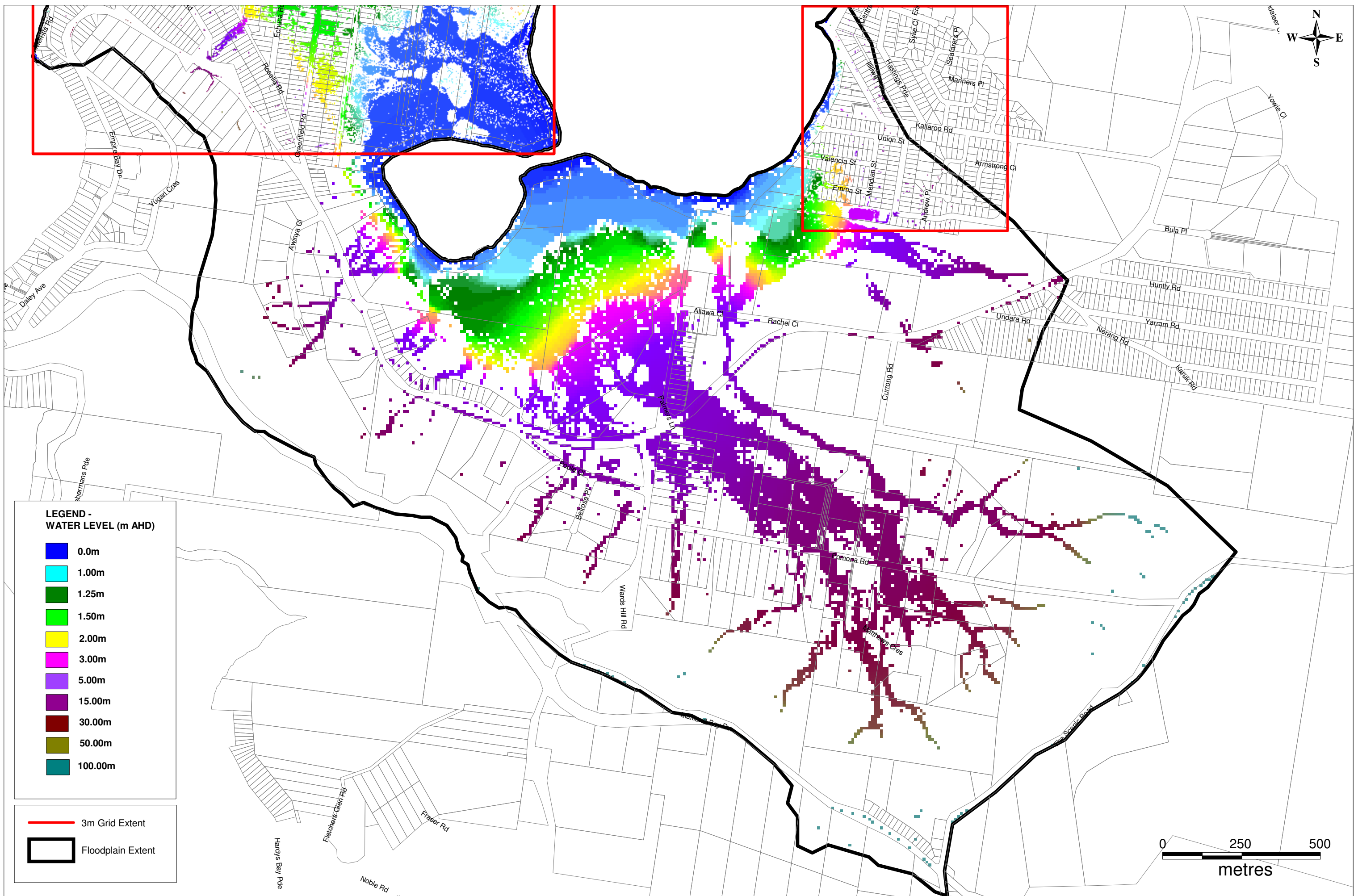


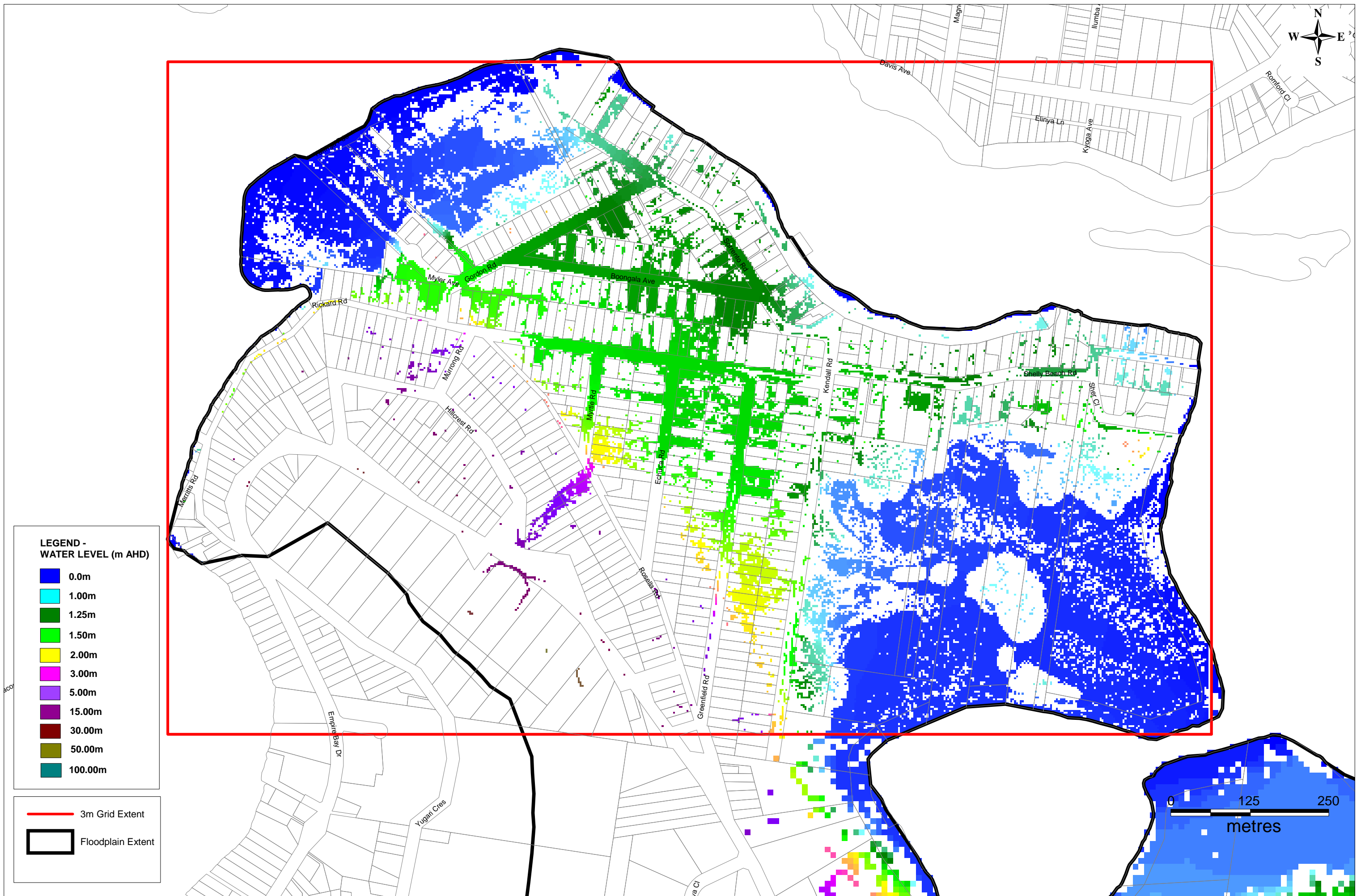


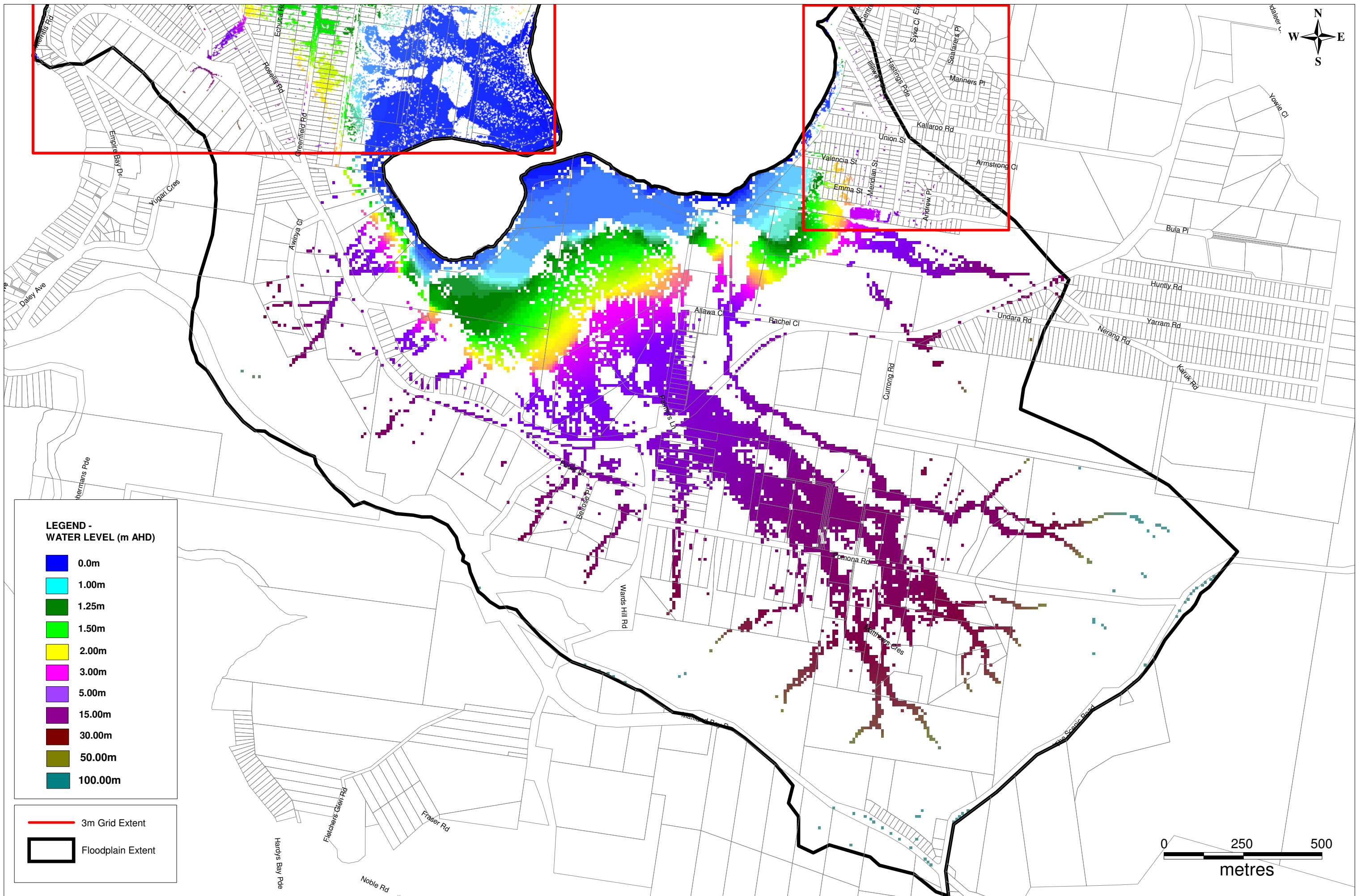










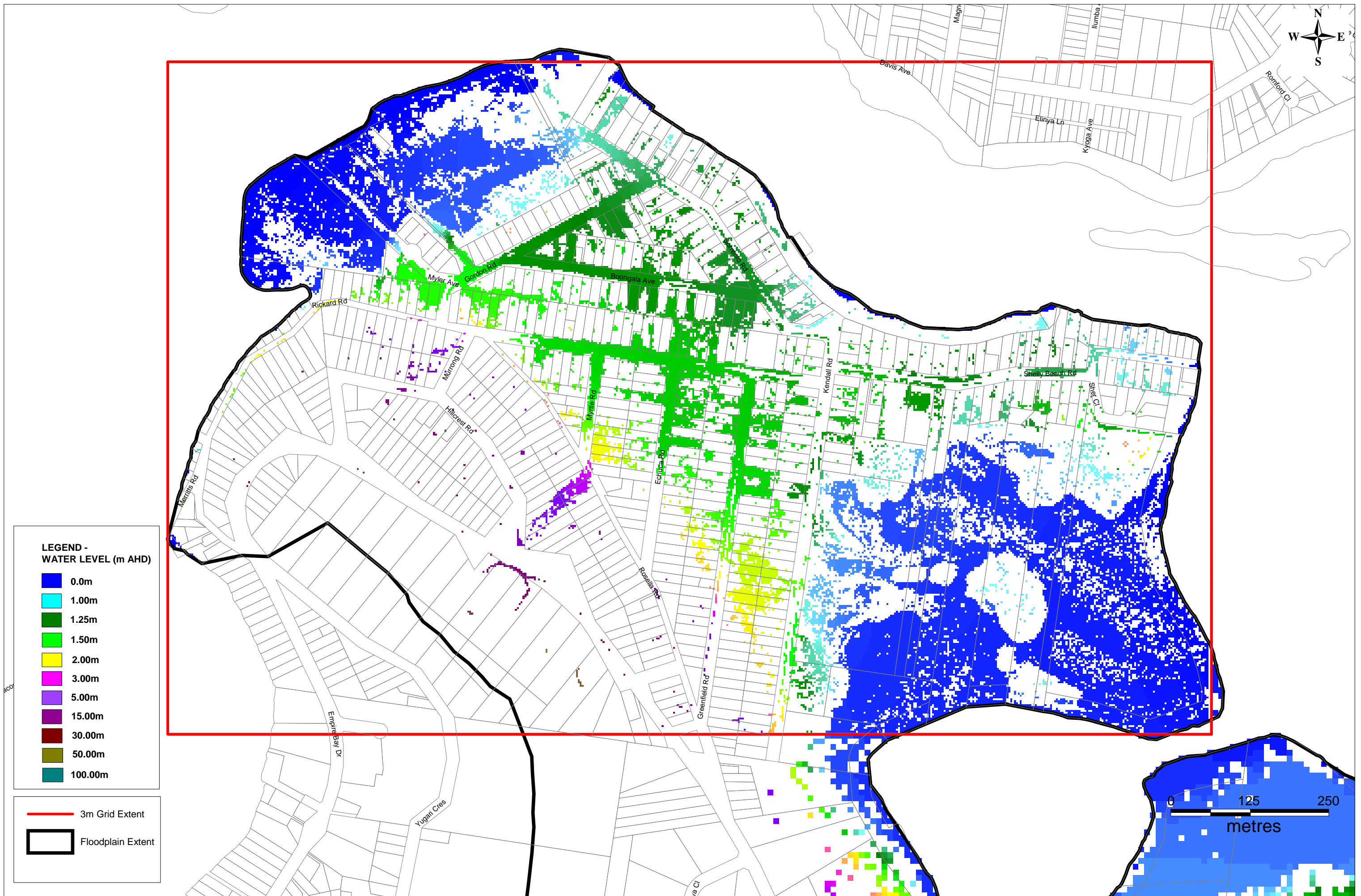


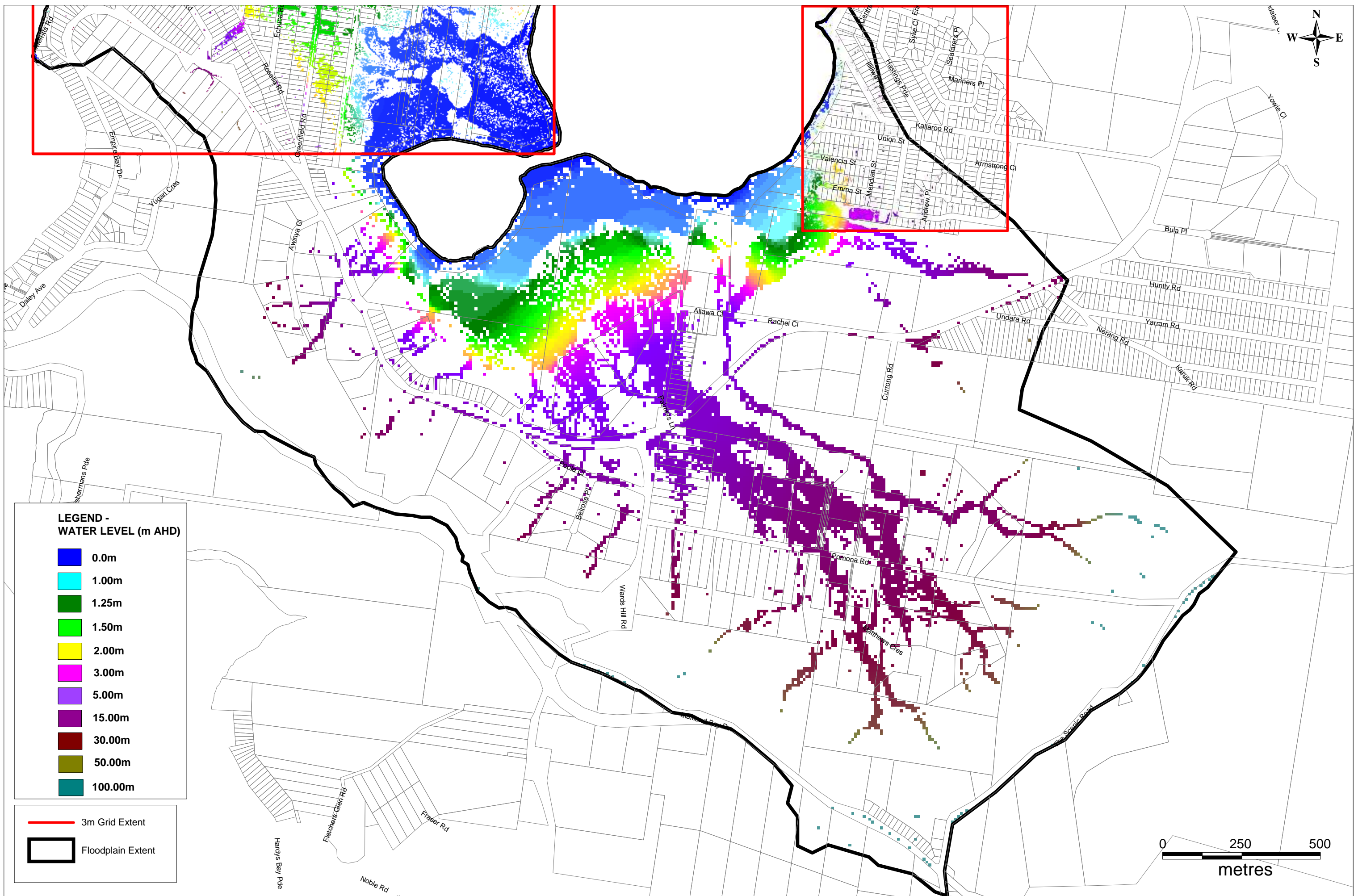
LEGEND - WATER LEVEL (m AHD)

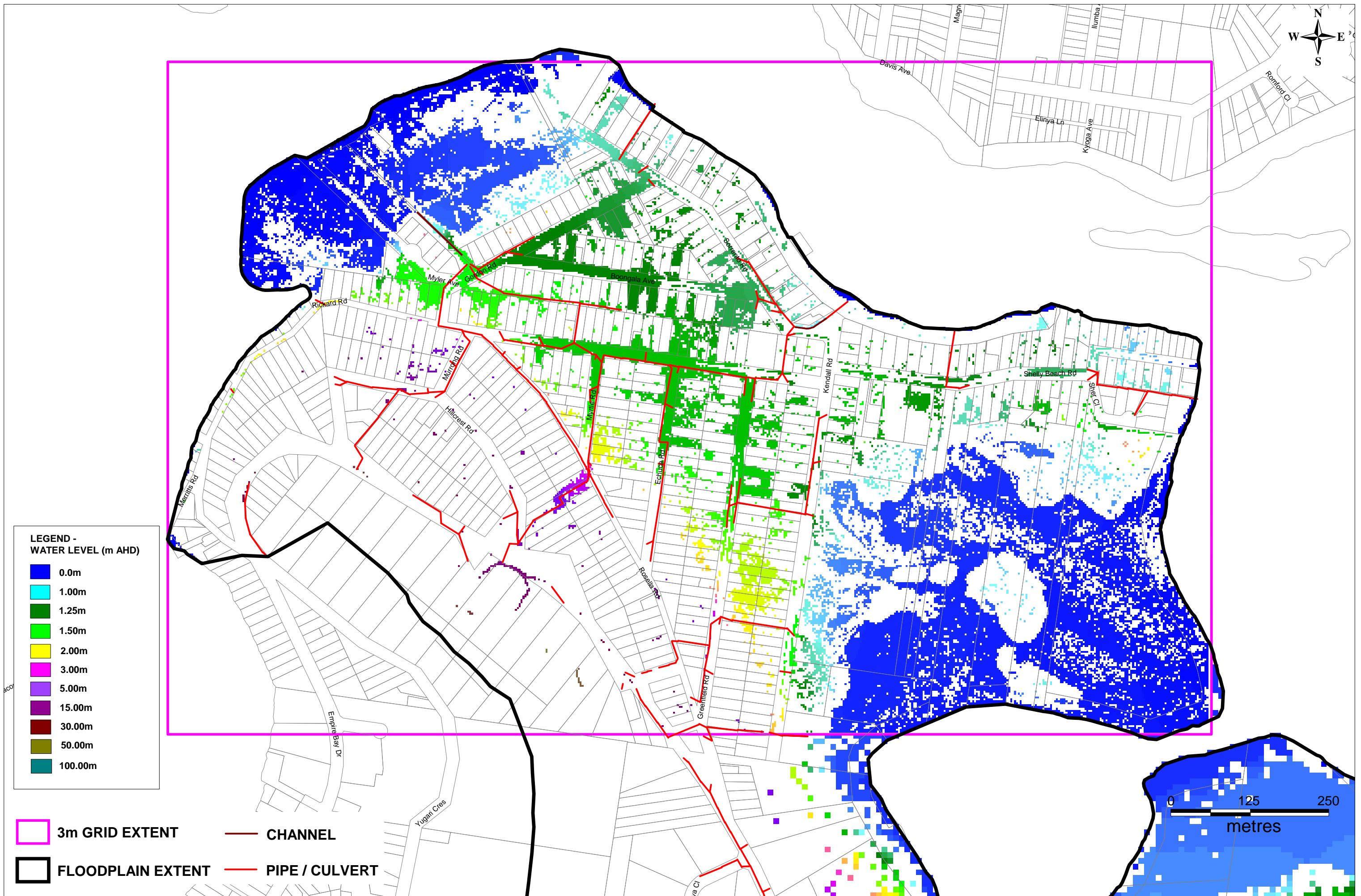
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Cyan	1.00m
Green	1.25m
Light Green	1.50m
Yellow	2.00m
Magenta	3.00m
Purple	5.00m
Dark Purple	15.00m
Brown	30.00m
Olive	50.00m
Teal	100.00m

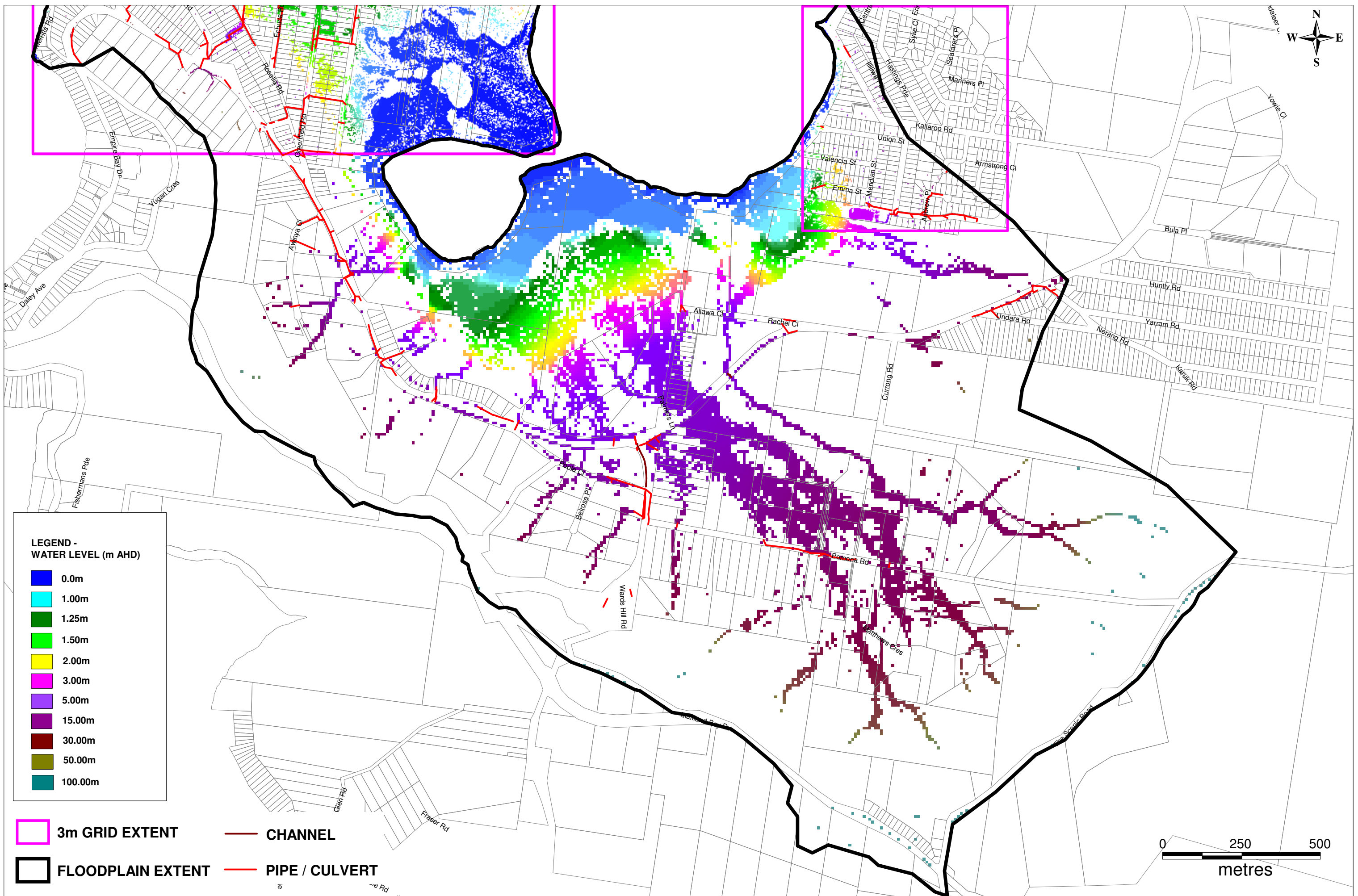
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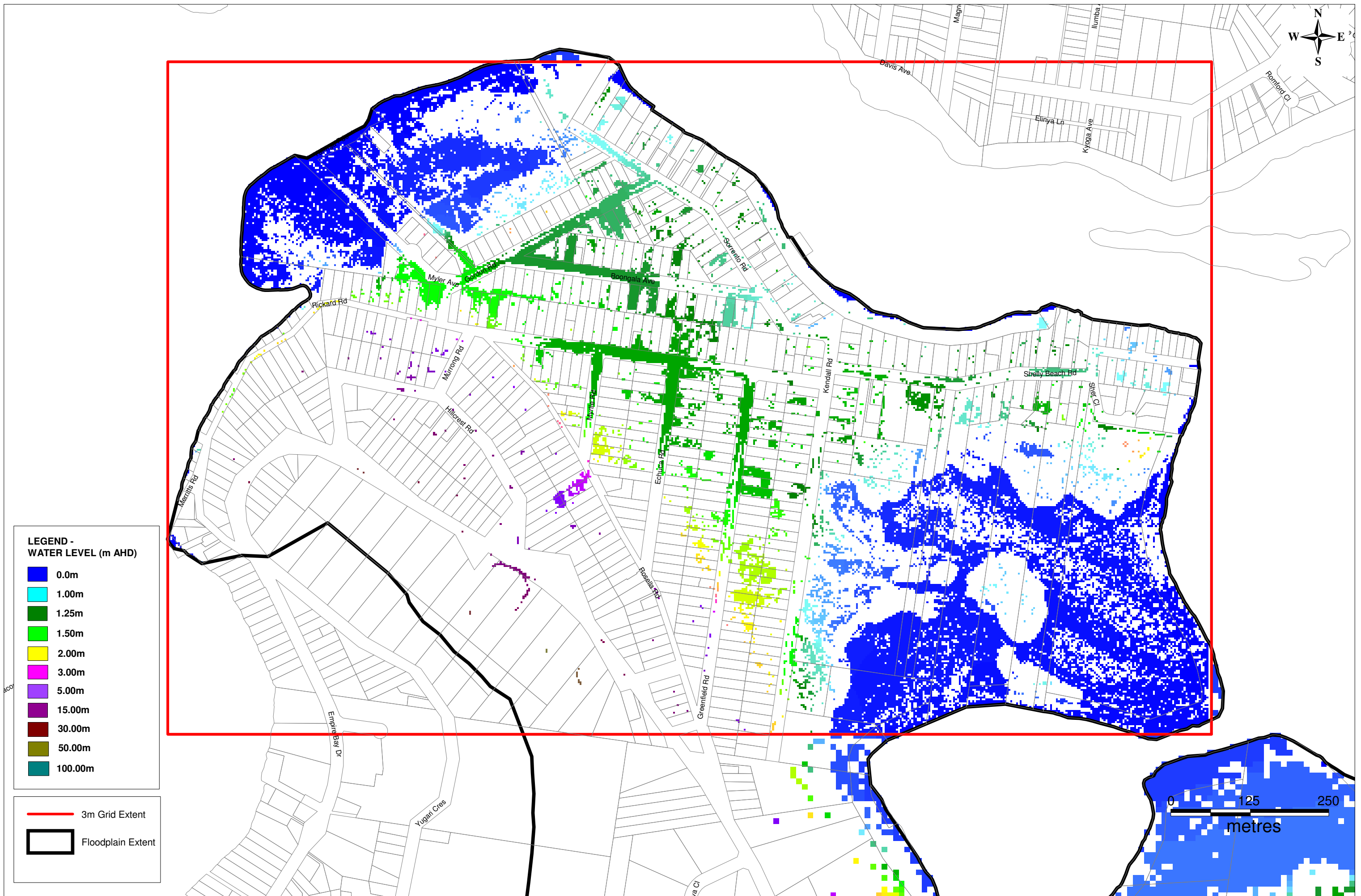
▭ Floodplain Extent







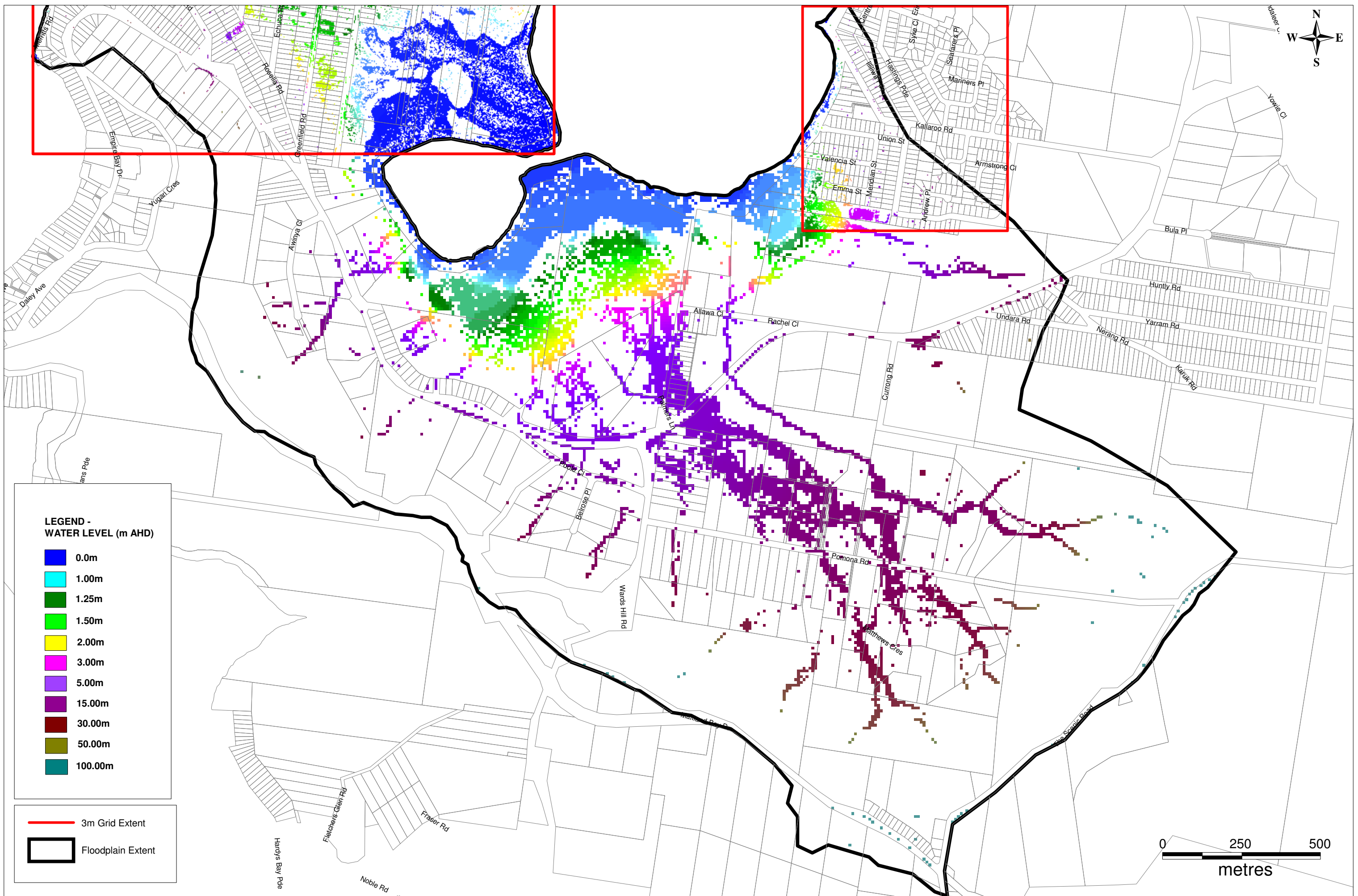


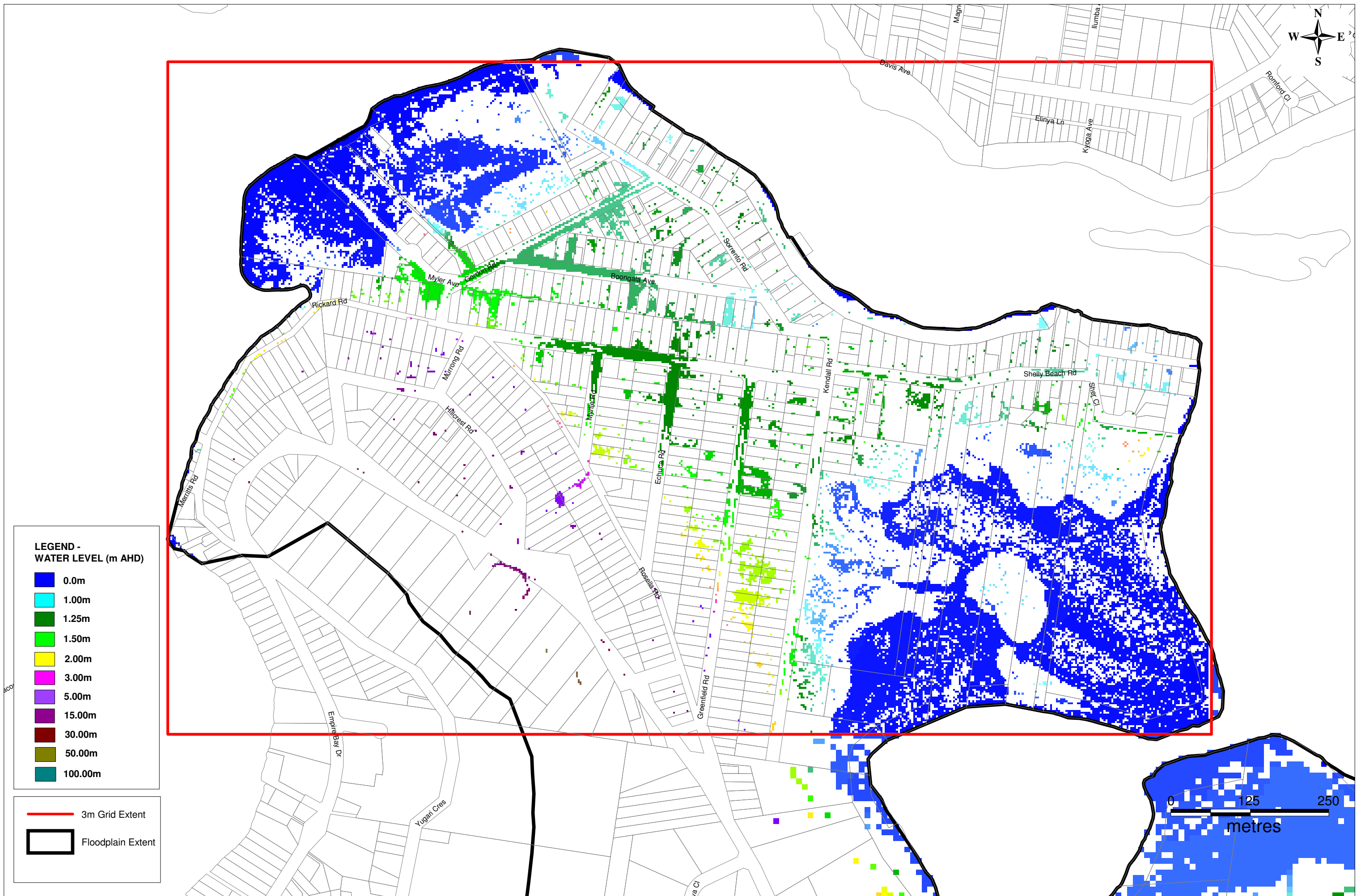


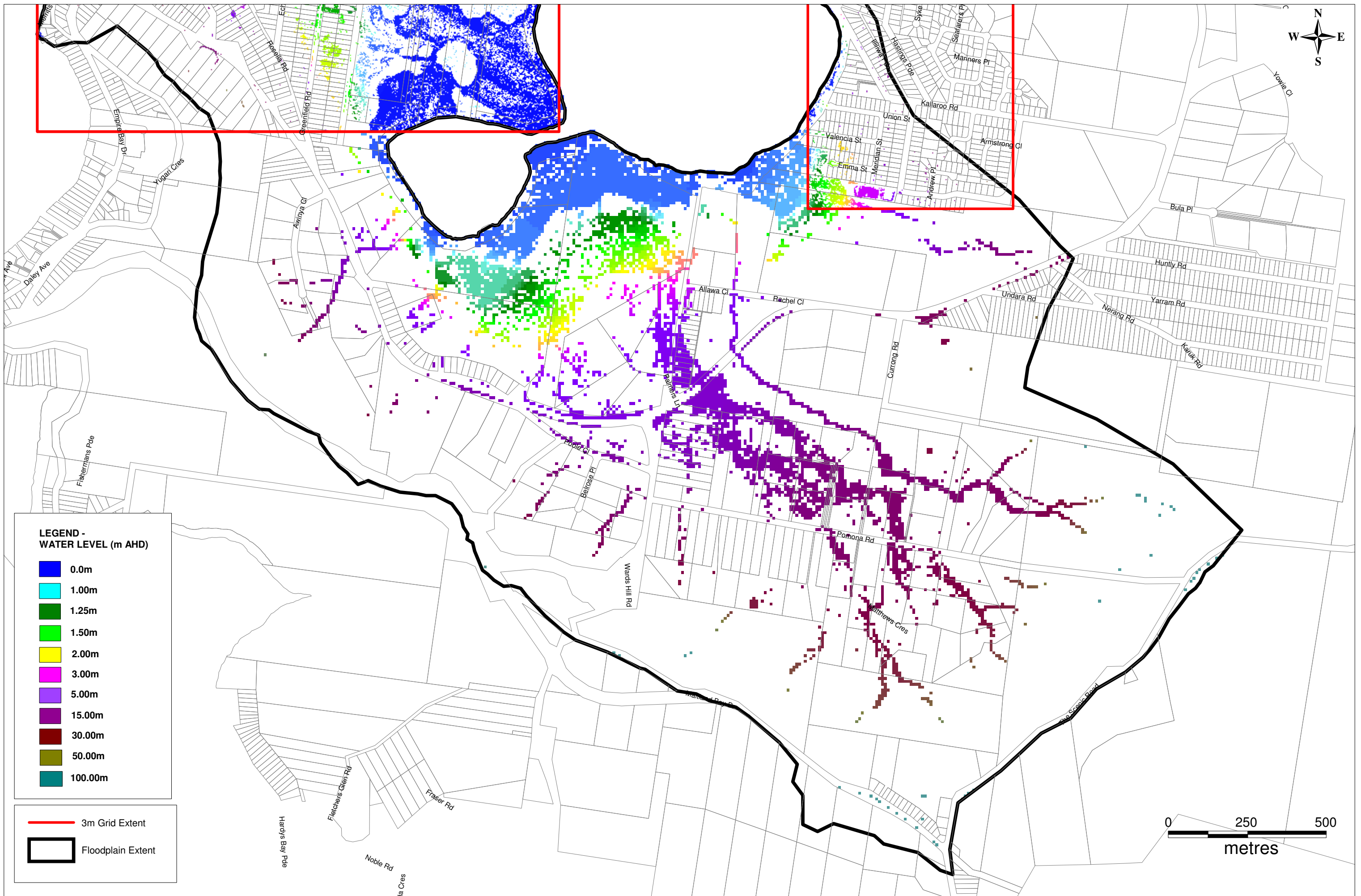
**LEGEND -
WATER LEVEL (m AHD)**

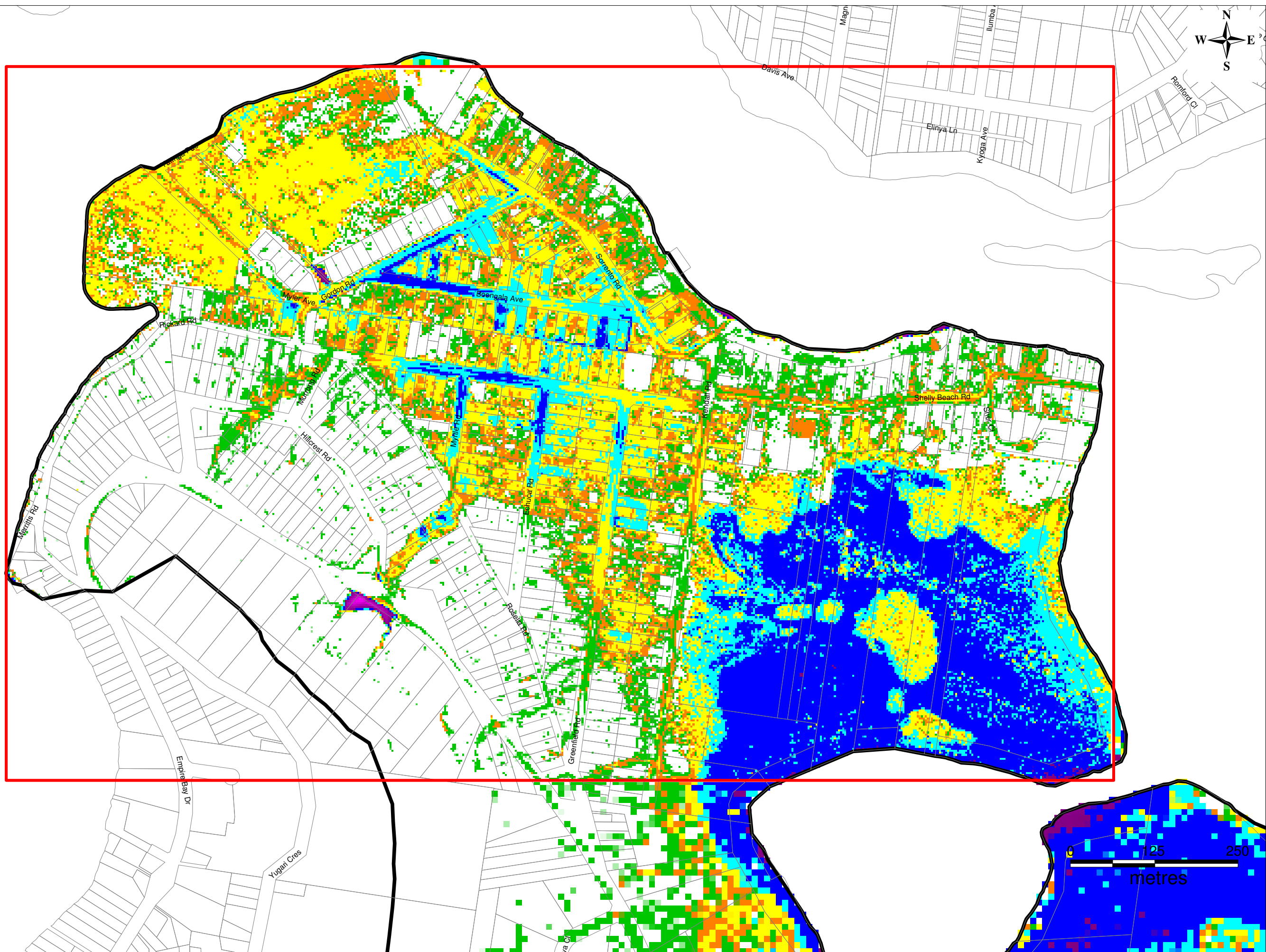
- 0.0m
- 1.00m
- 1.25m
- 1.50m
- 2.00m
- 3.00m
- 5.00m
- 15.00m
- 30.00m
- 50.00m
- 100.00m

- 3m Grid Extent
- Floodplain Extent







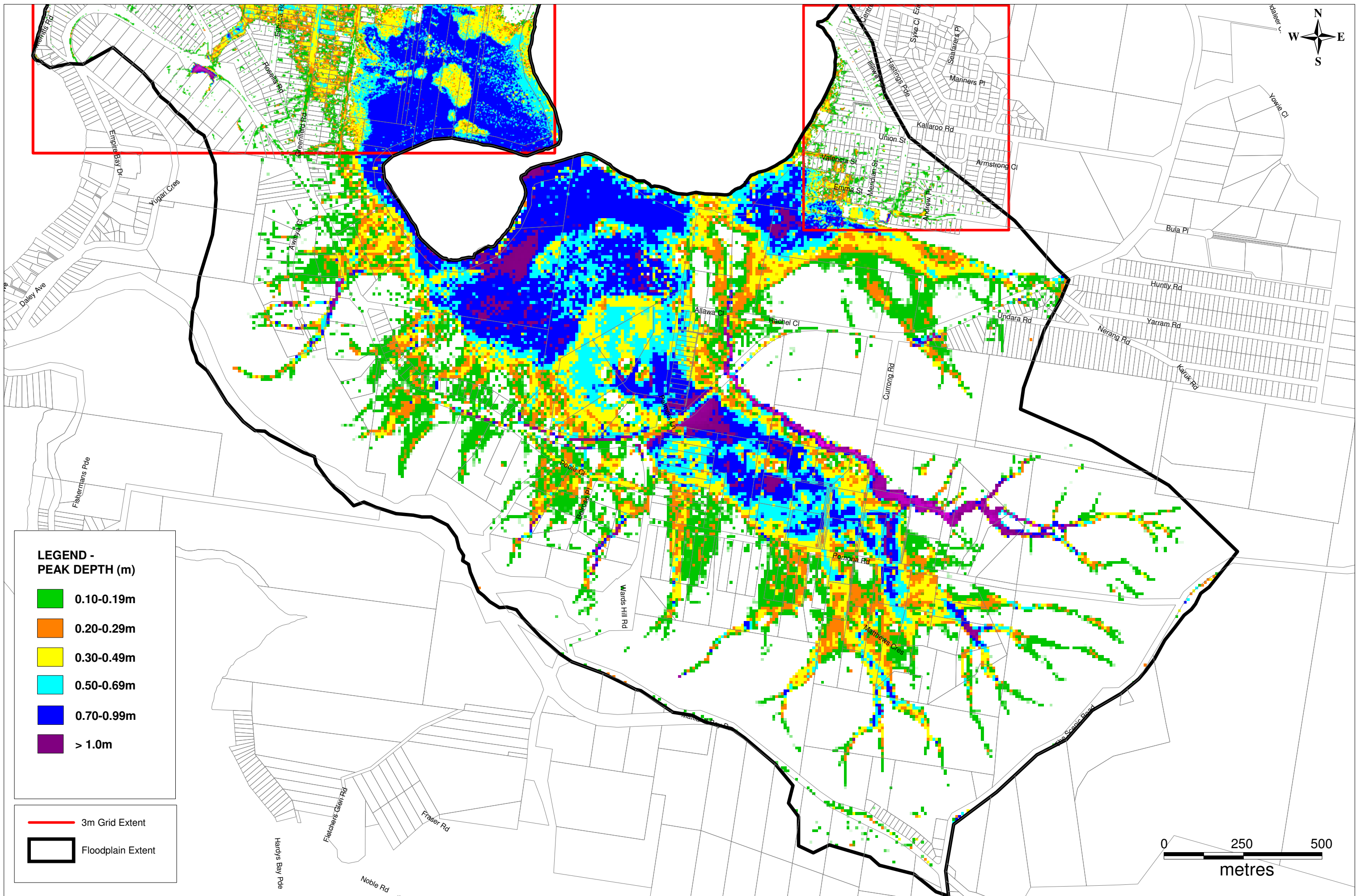


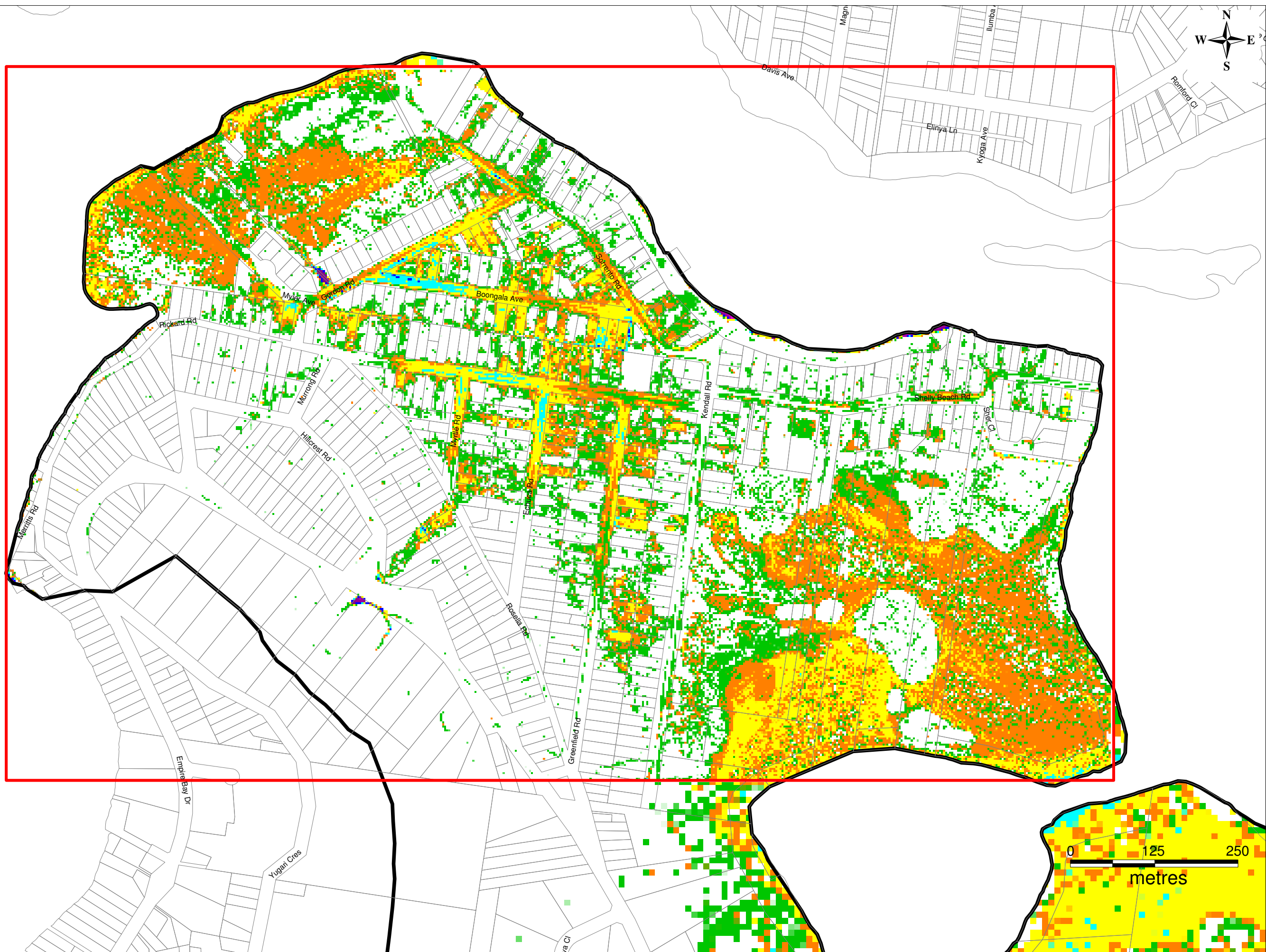
LEGEND - PEAK DEPTH (m)

- 0.10-0.19m
- 0.20-0.29m
- 0.30-0.49m
- 0.50-0.69m
- 0.70-0.99m
- > 1.0m

3m Grid Extent

Floodplain Extent



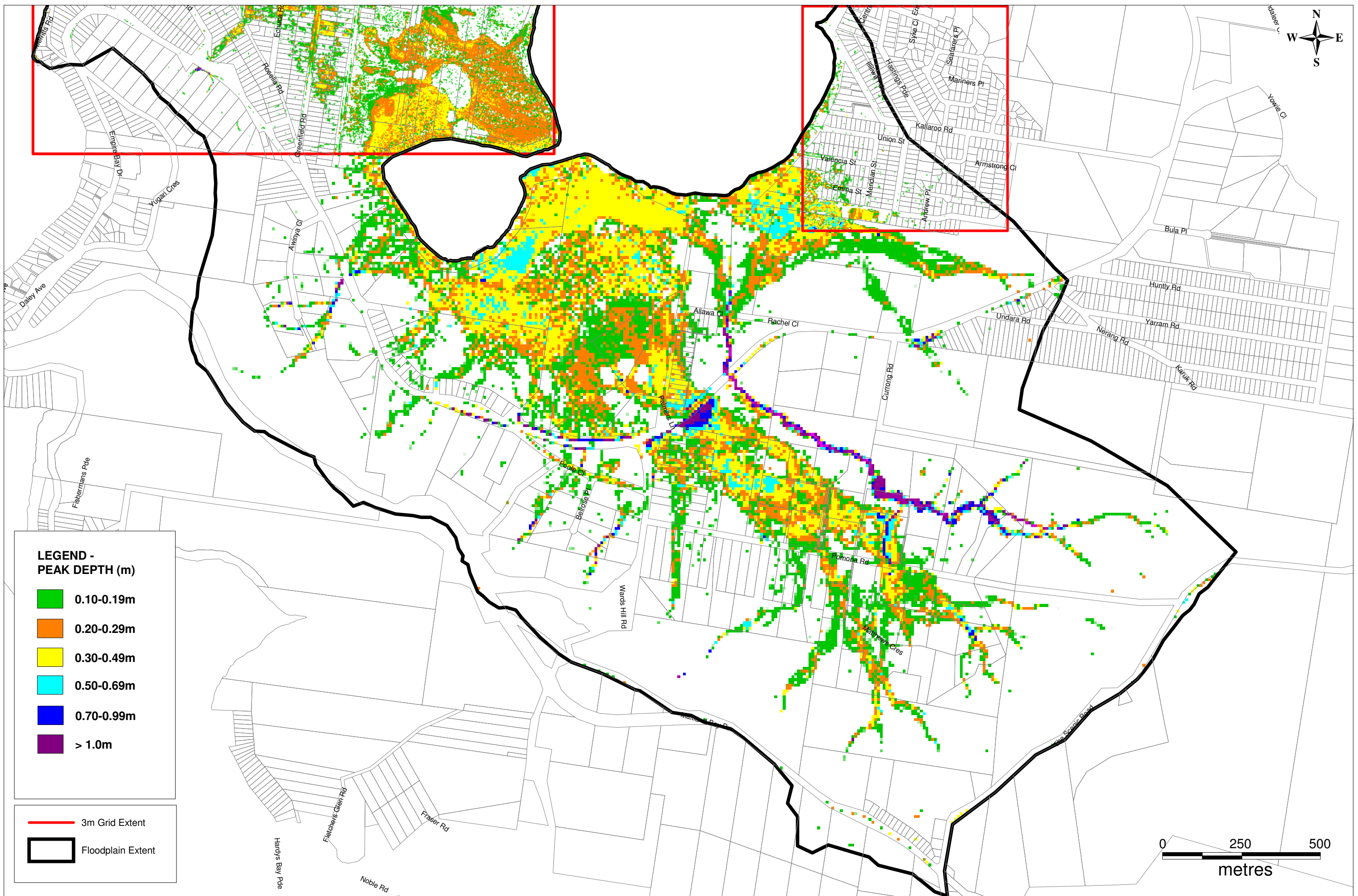


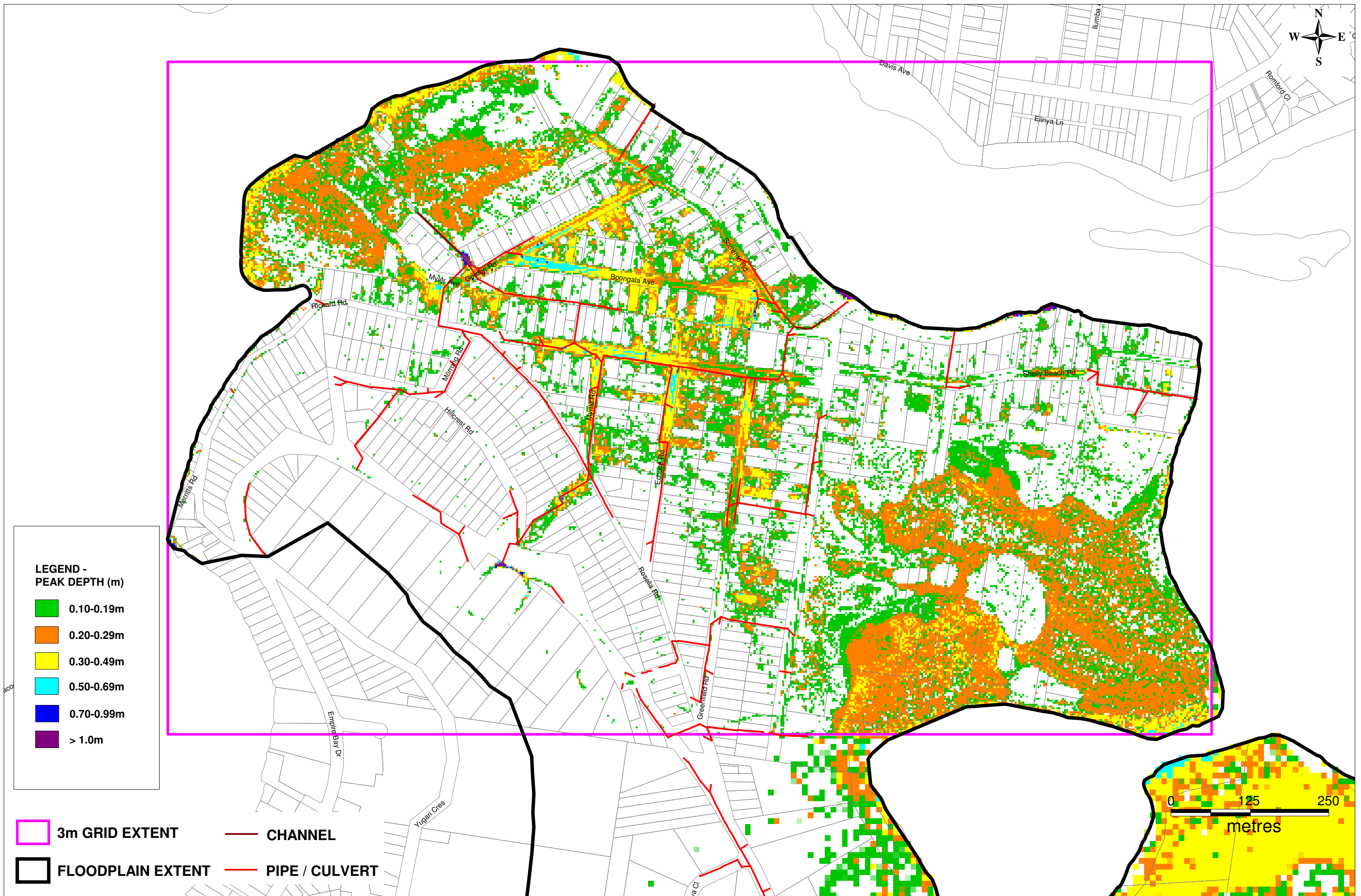
**LEGEND -
PEAK DEPTH (m)**

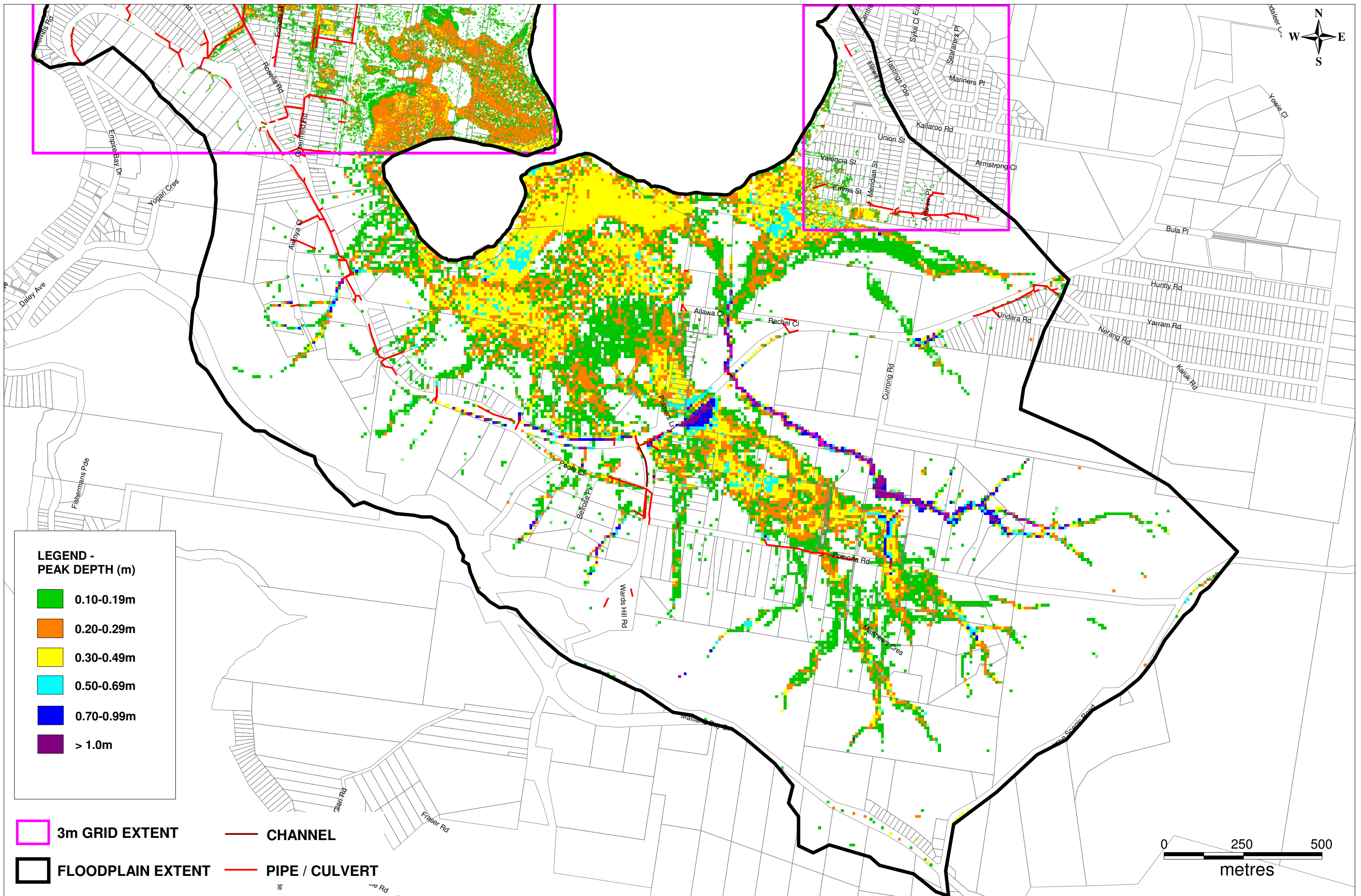
- 0.10-0.19m
- 0.20-0.29m
- 0.30-0.49m
- 0.50-0.69m
- 0.70-0.99m
- > 1.0m

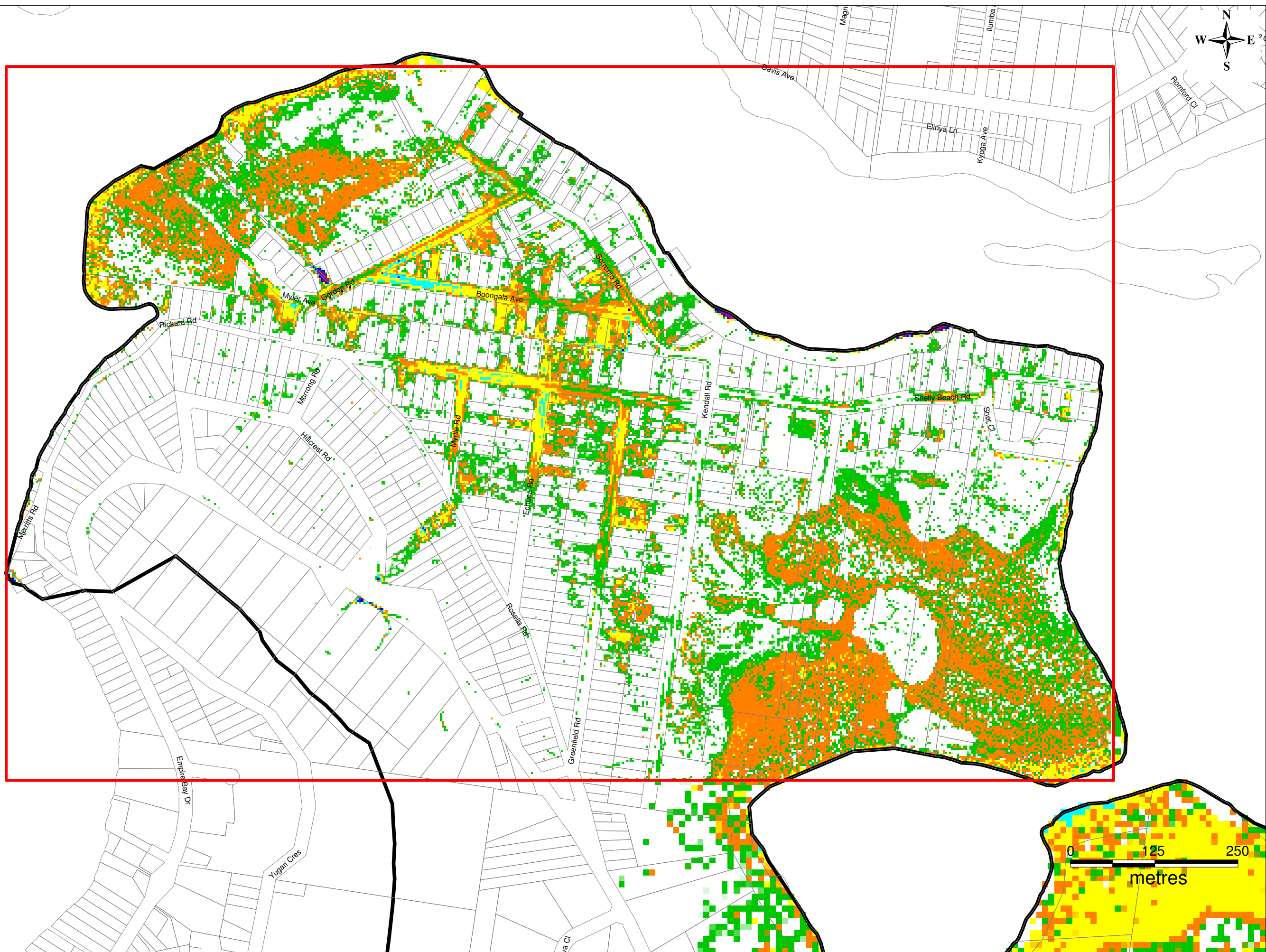
3m Grid Extent

Floodplain Extent







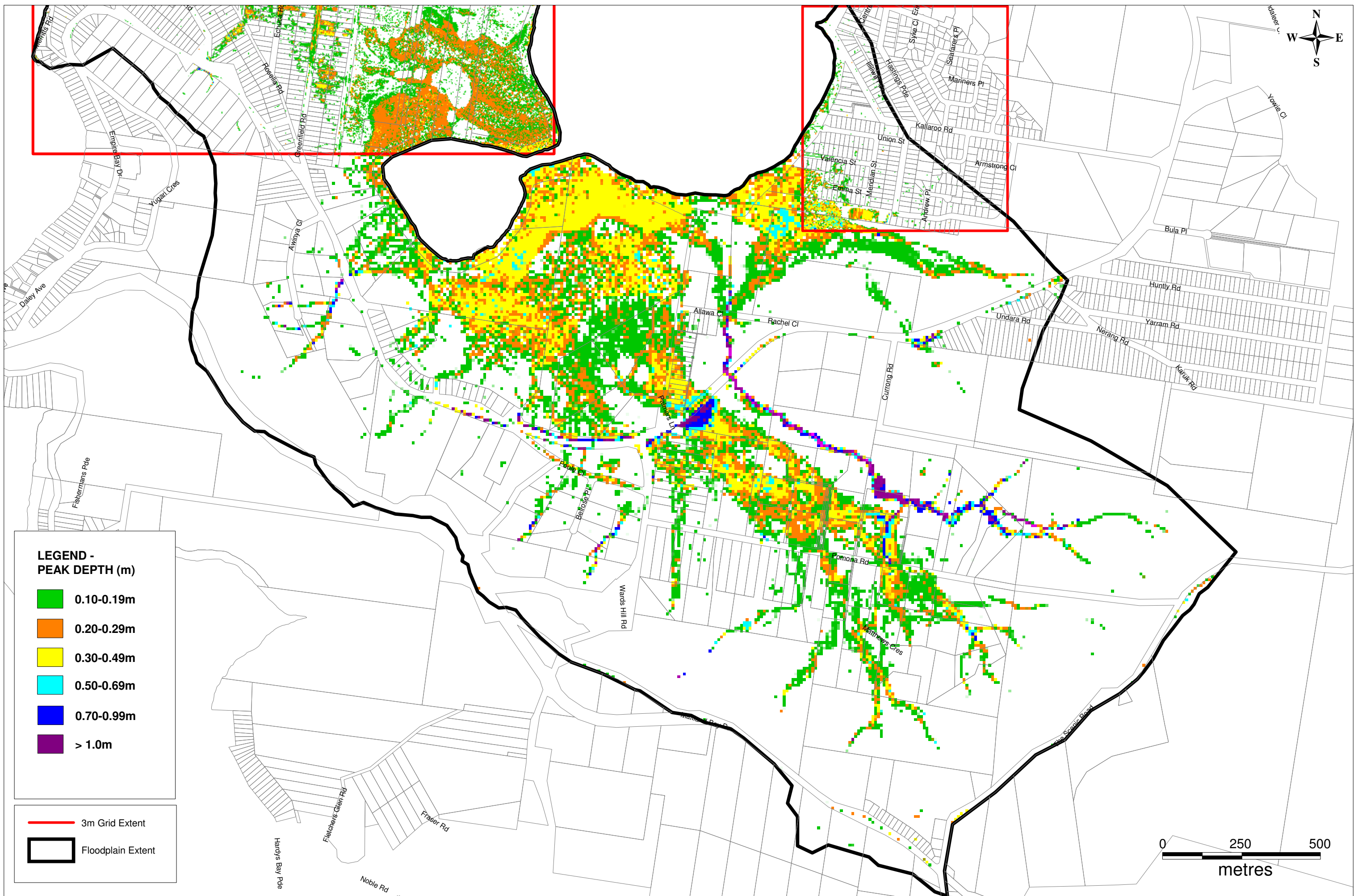


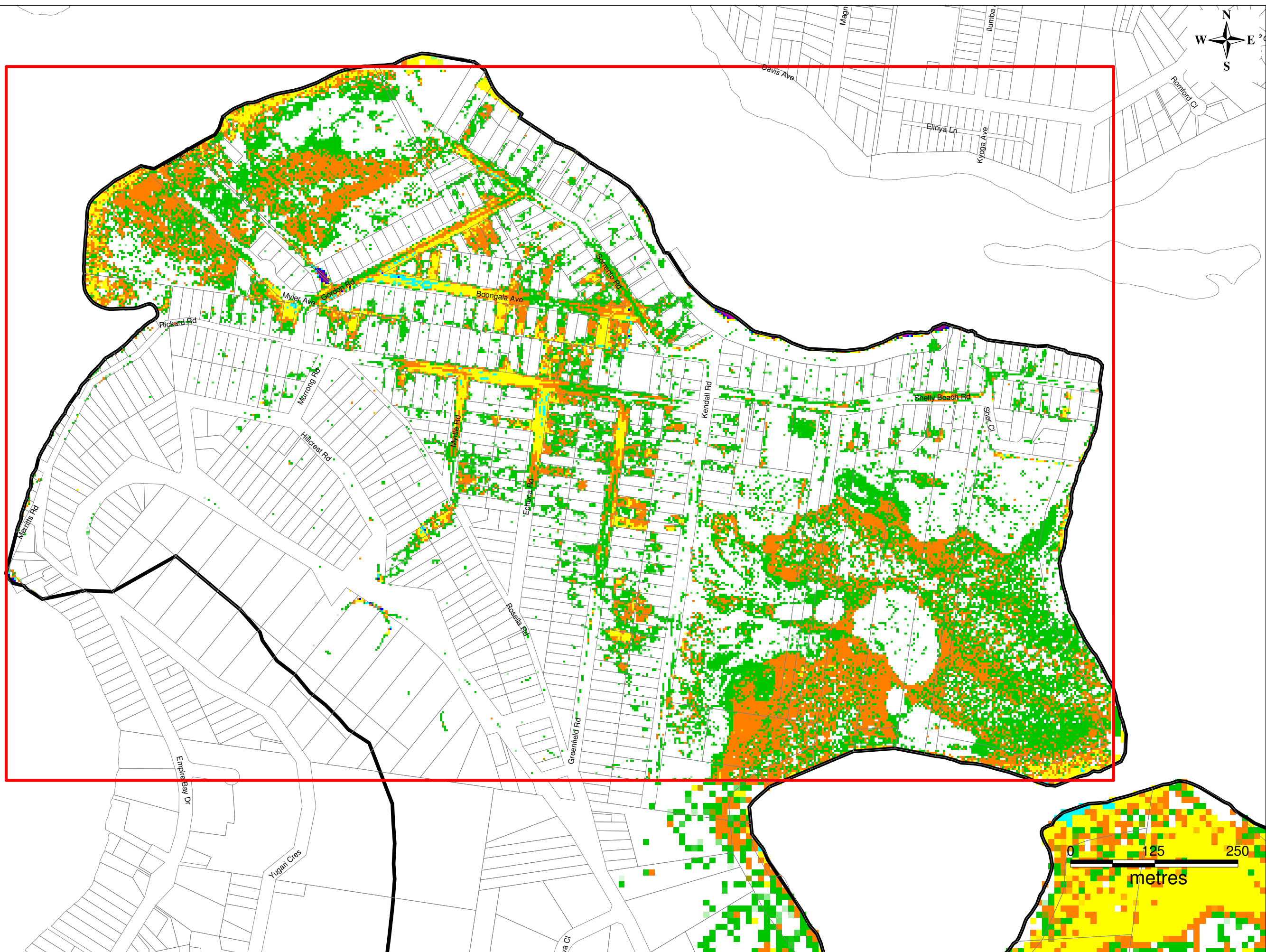
**LEGEND -
PEAK DEPTH (m)**

- 0.10-0.19m
- 0.20-0.29m
- 0.30-0.49m
- 0.50-0.69m
- 0.70-0.99m
- > 1.0m

- 3m Grid Extent
- Floodplain Extent

FIGURE 6.26A
PEAK DEPTH - 2% AEP





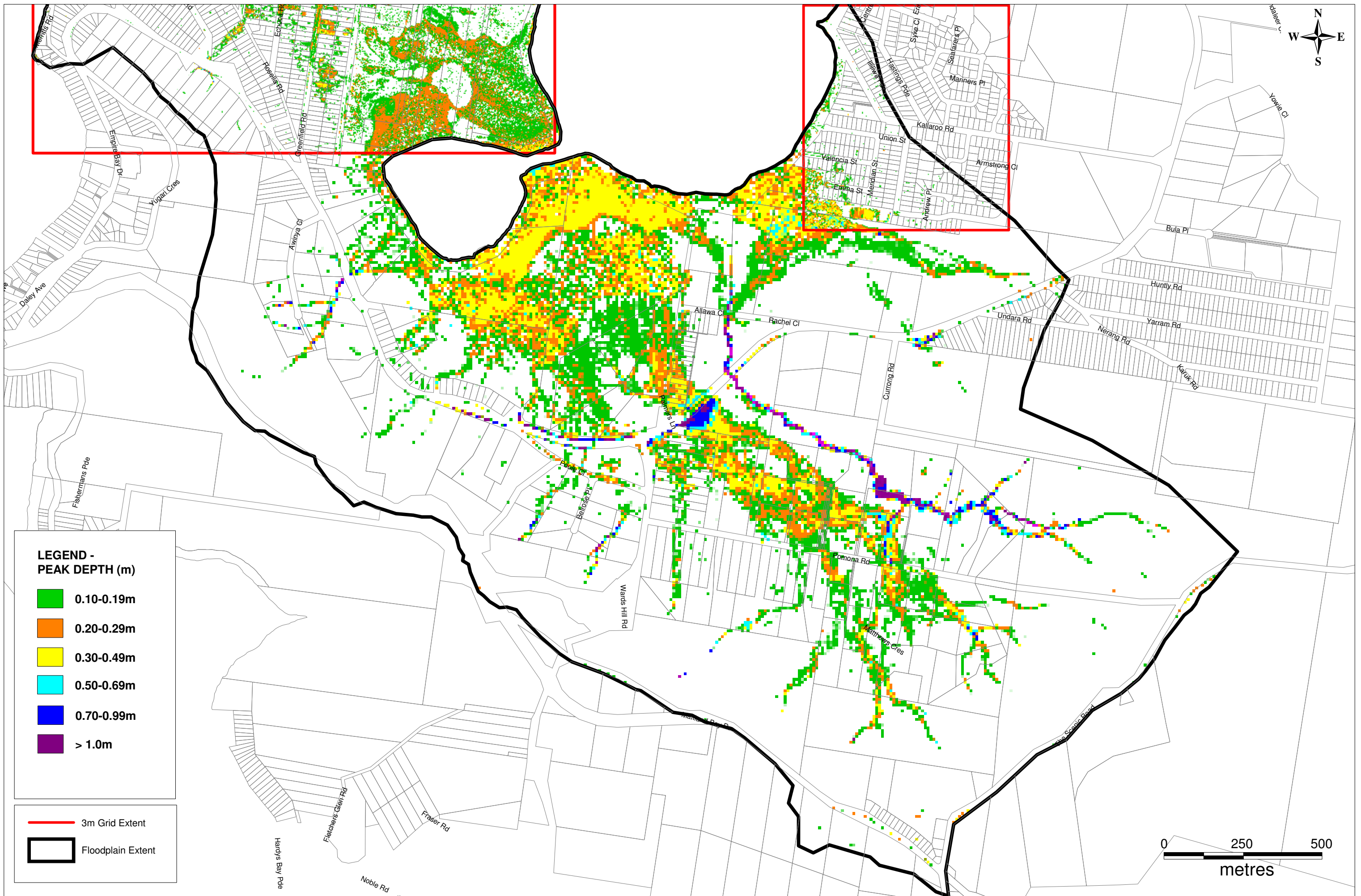
**LEGEND -
PEAK DEPTH (m)**

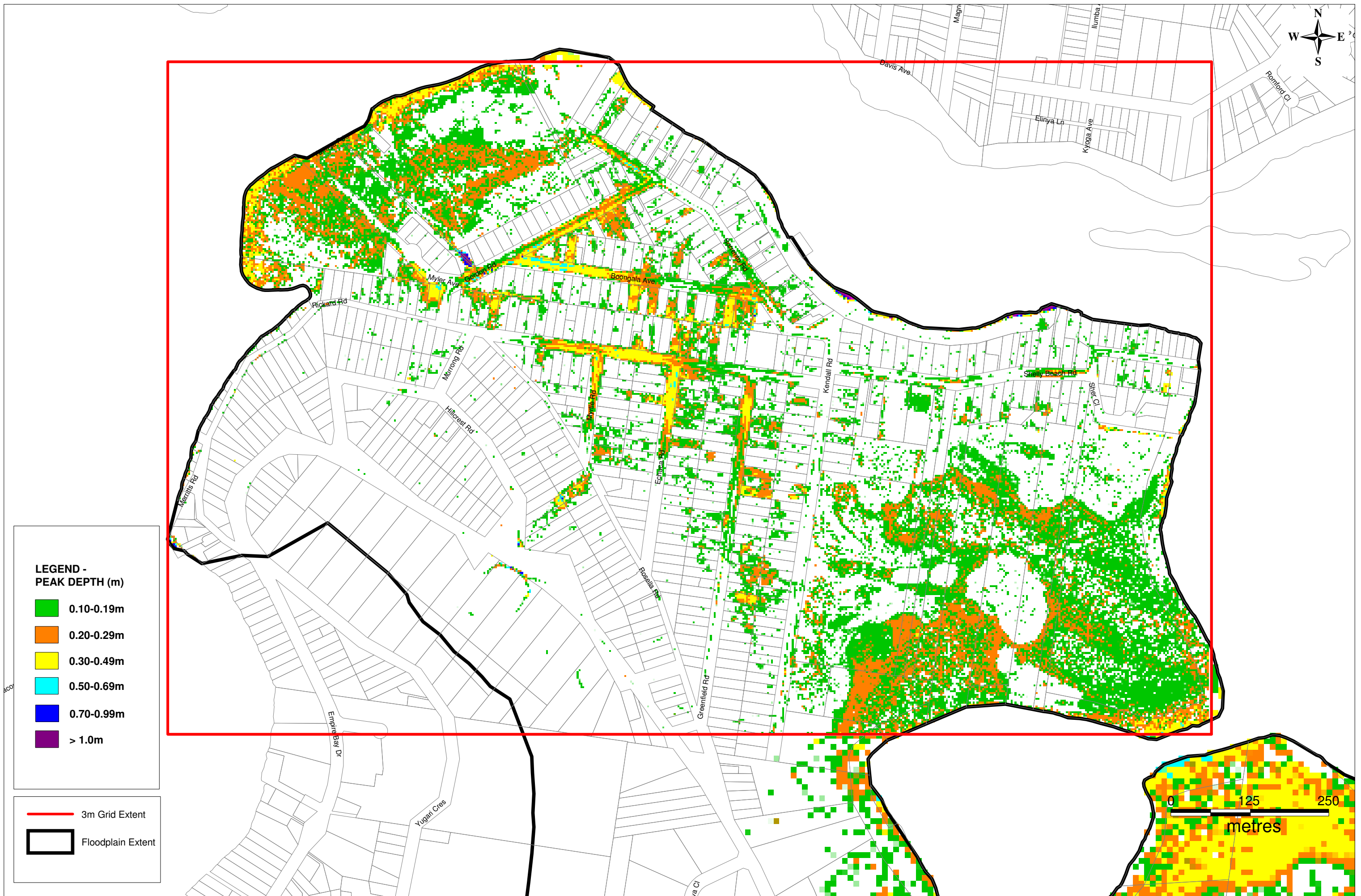
- 0.10-0.19m
- 0.20-0.29m
- 0.30-0.49m
- 0.50-0.69m
- 0.70-0.99m
- > 1.0m

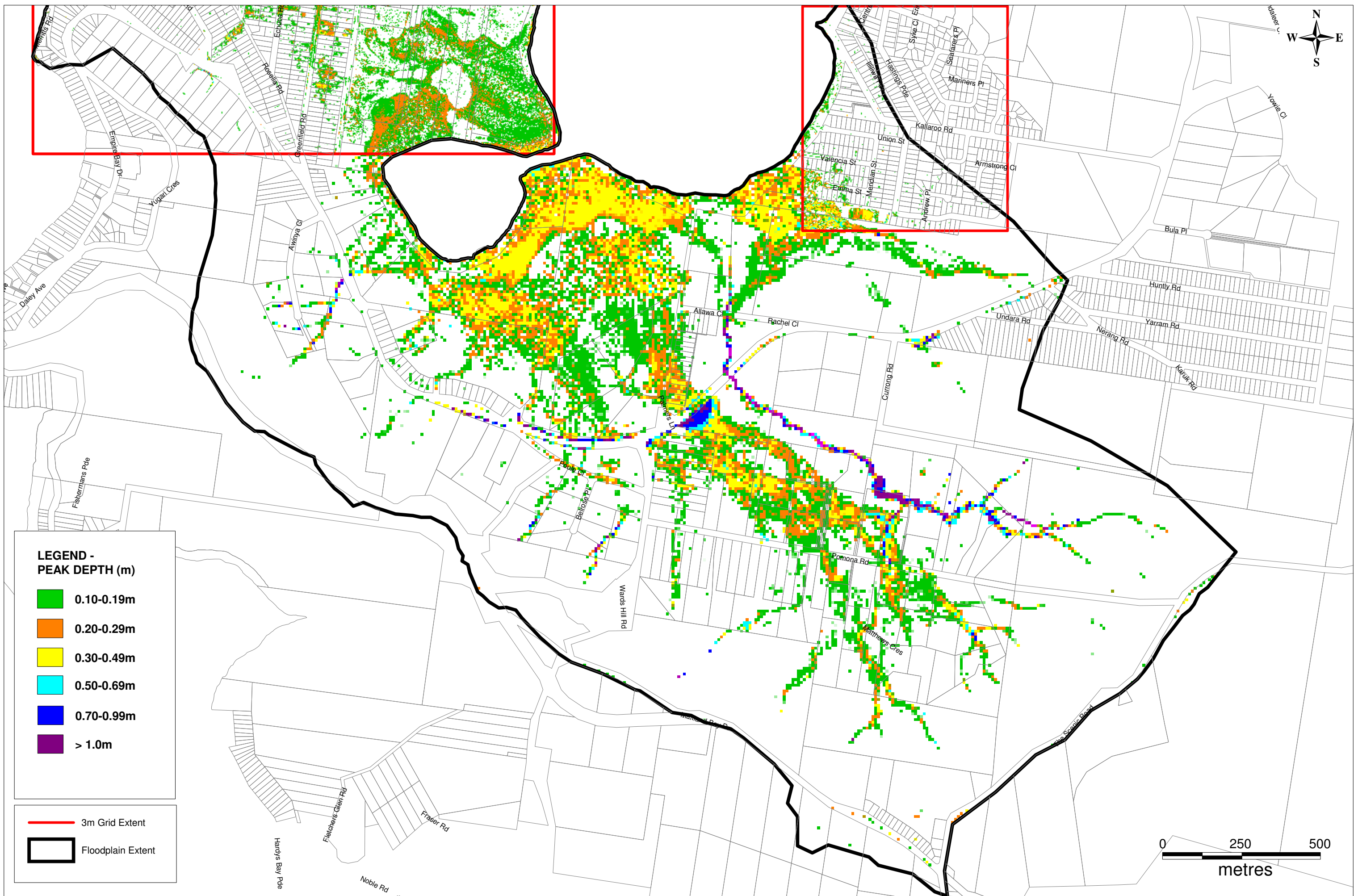
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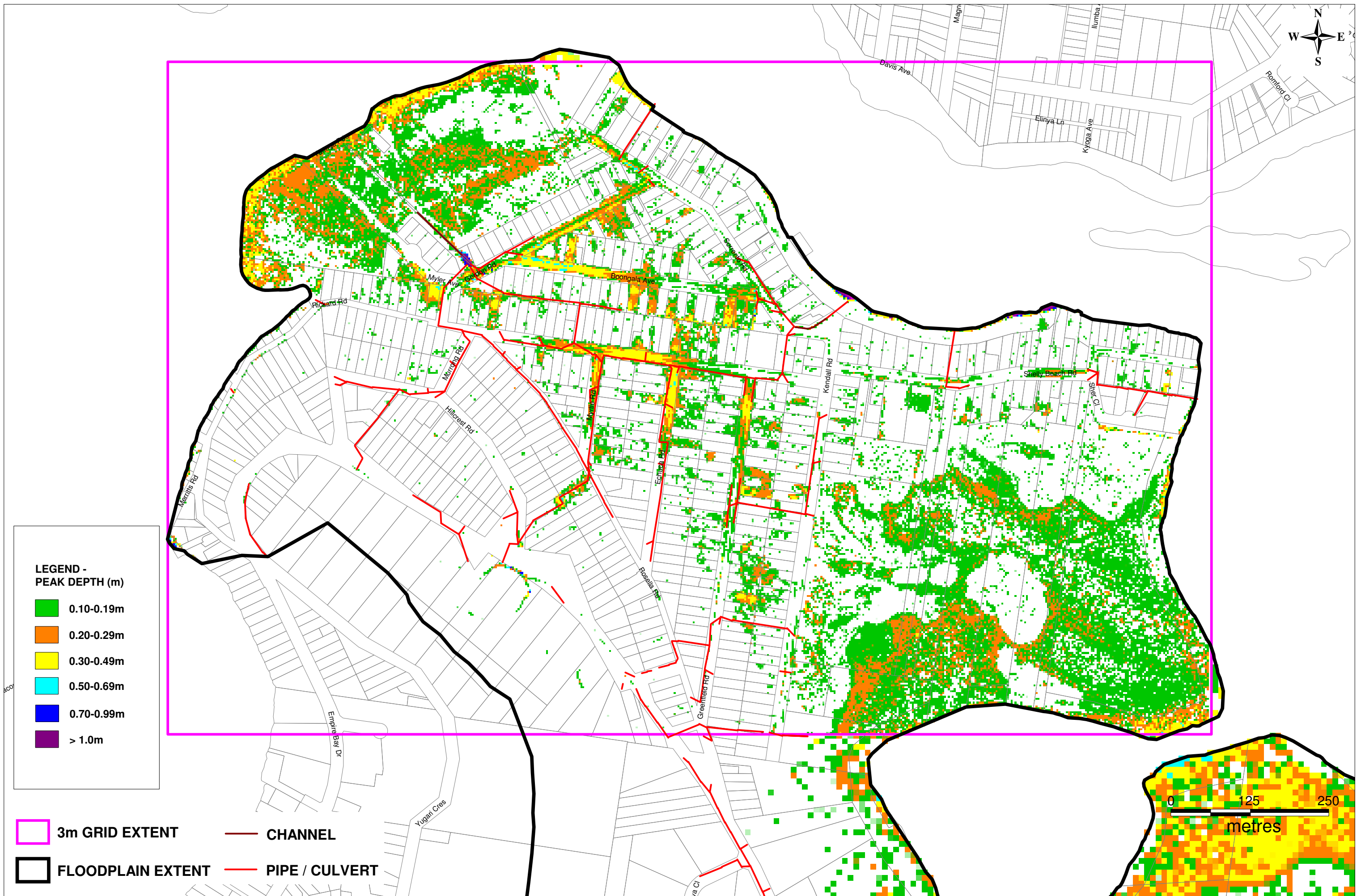
Floodplain Extent

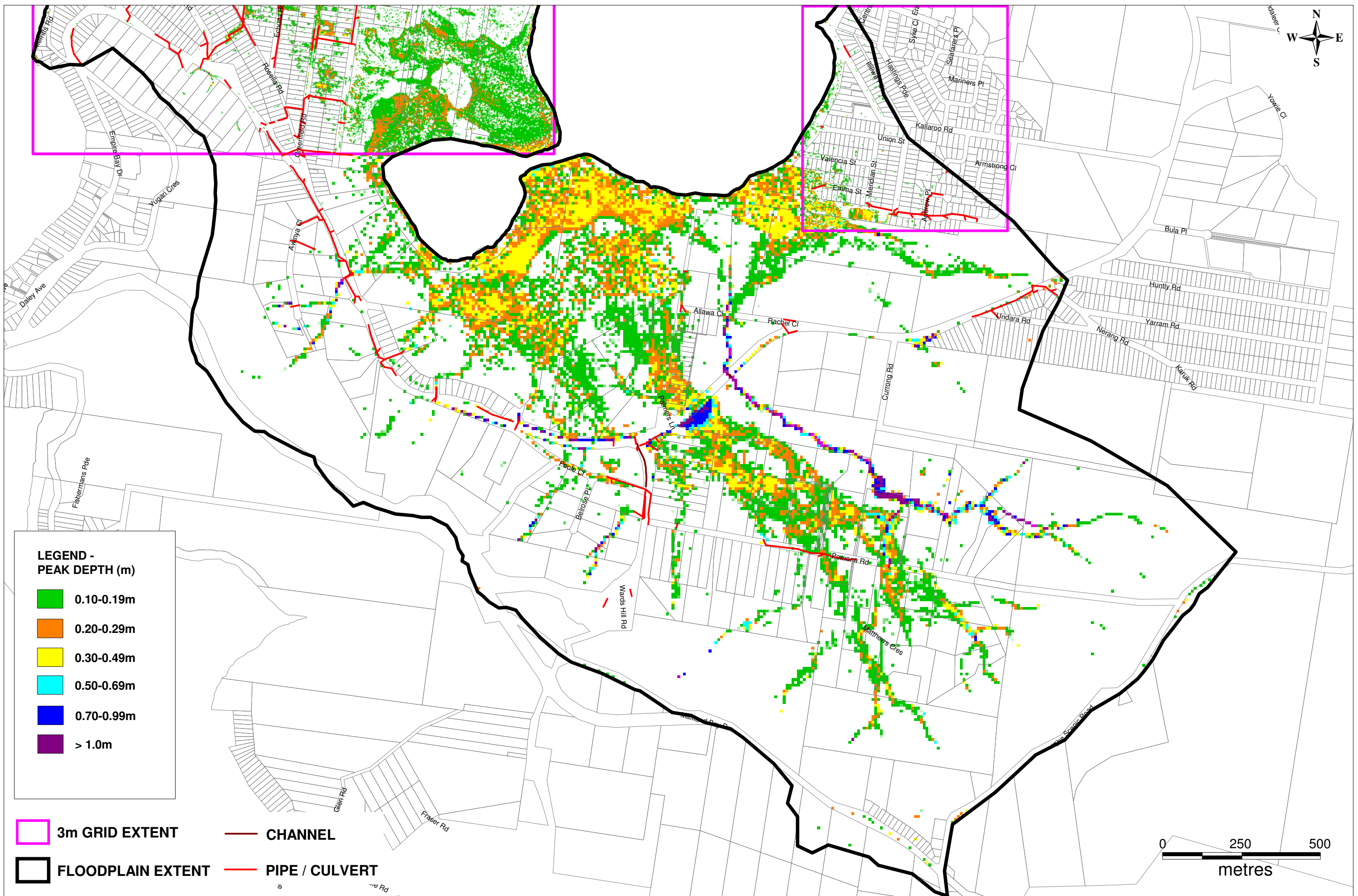
FIGURE 6.27A
PEAK DEPTH - 5% AEP

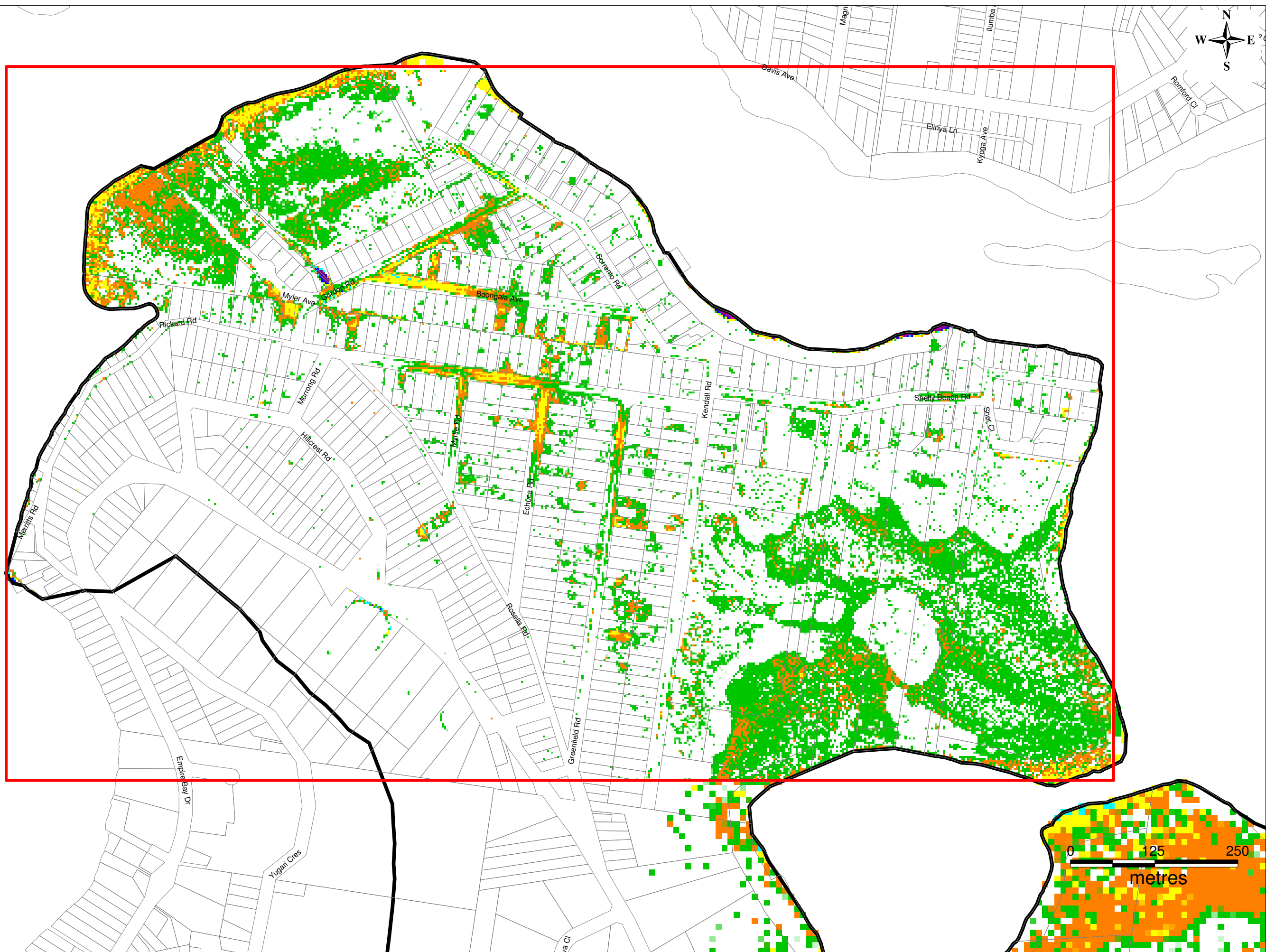


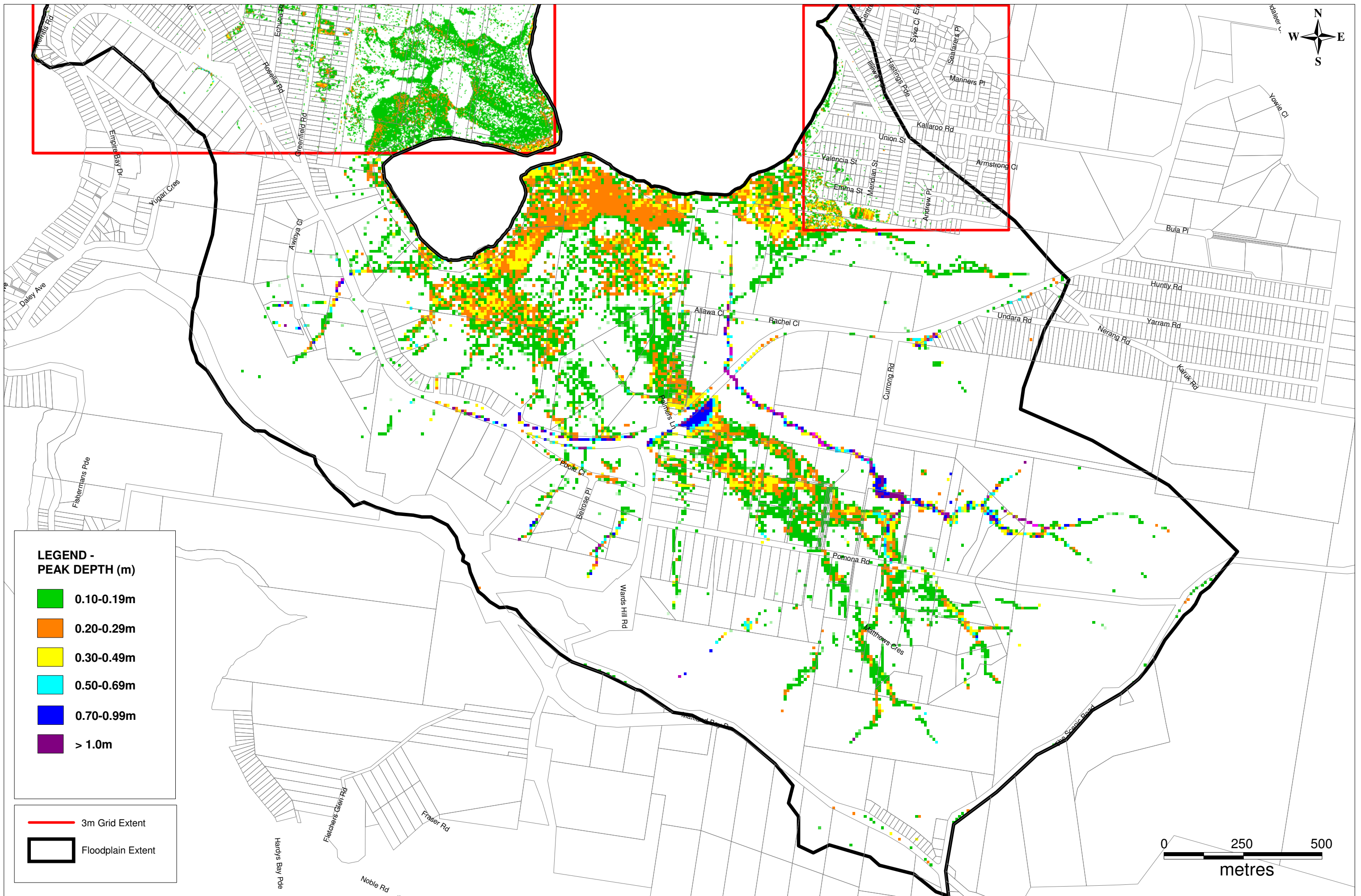


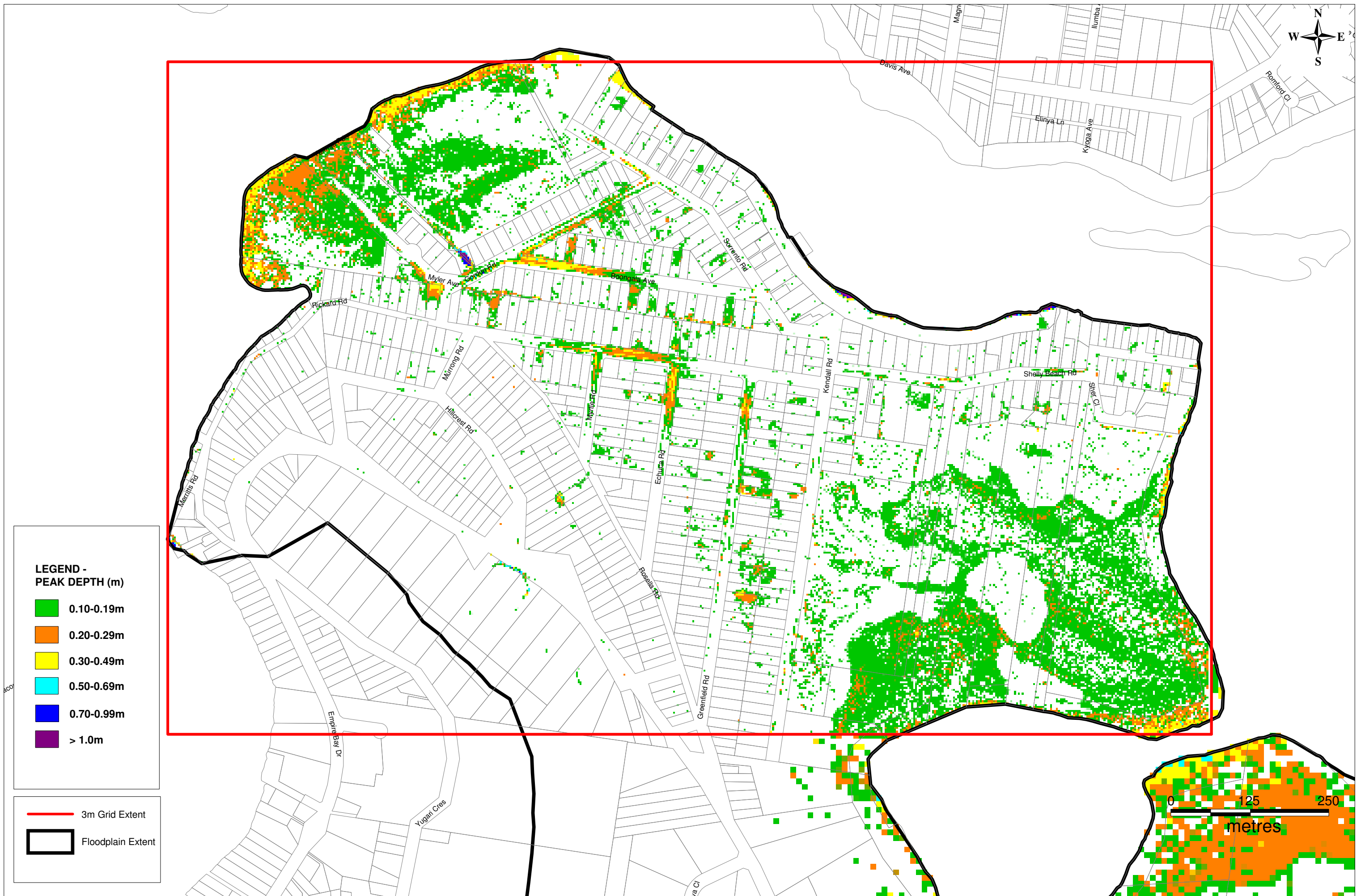


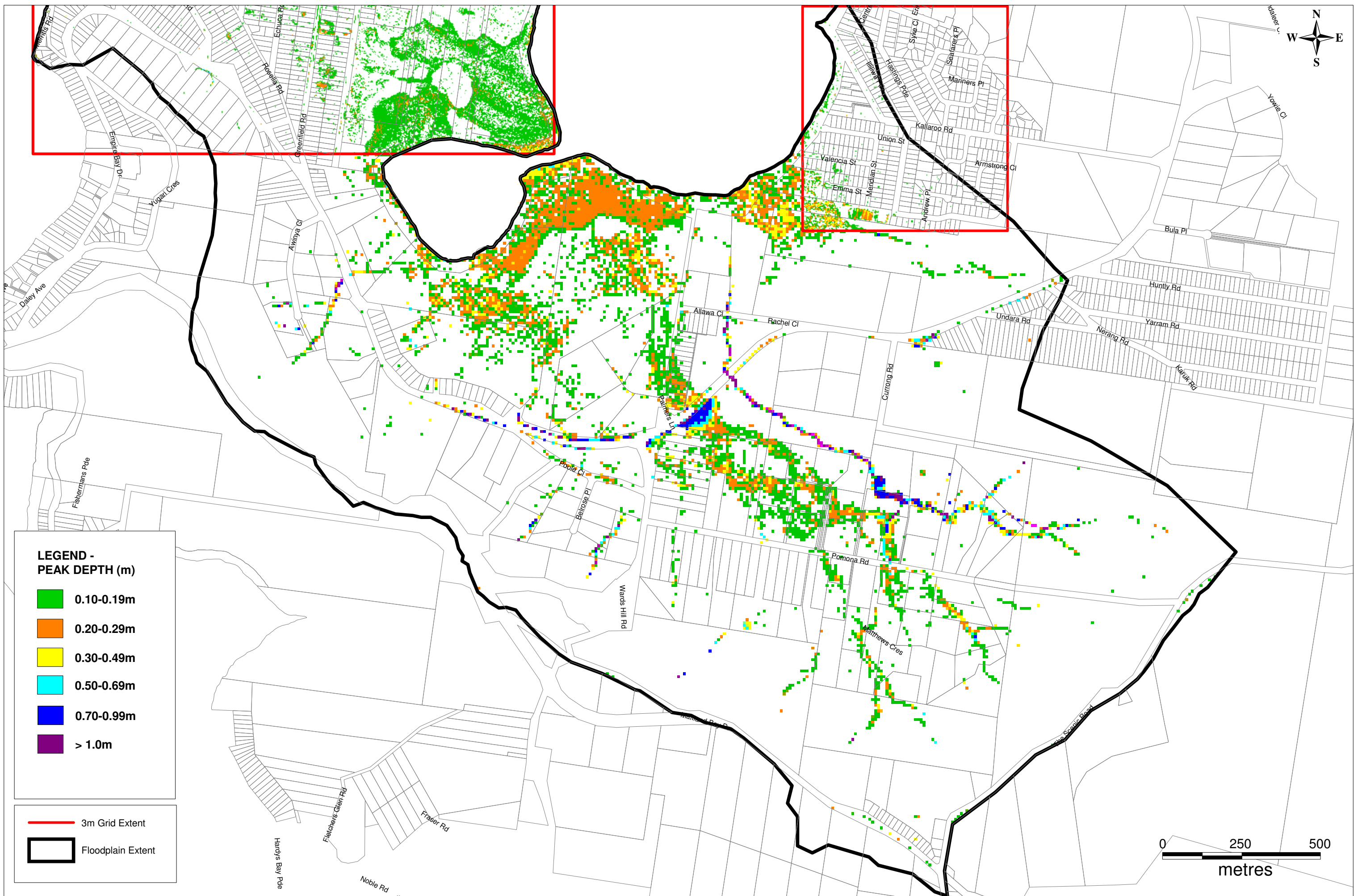








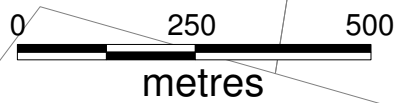


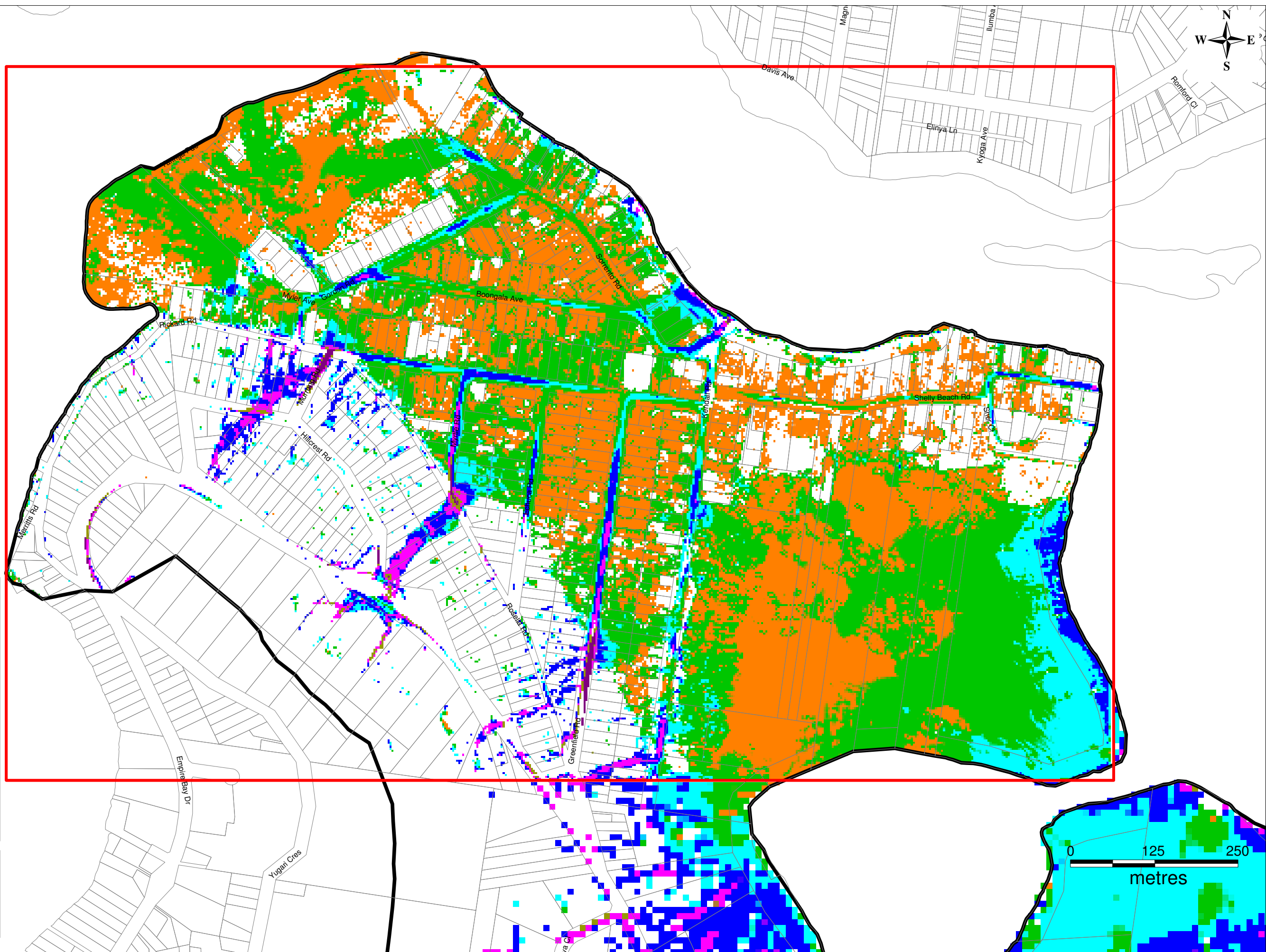


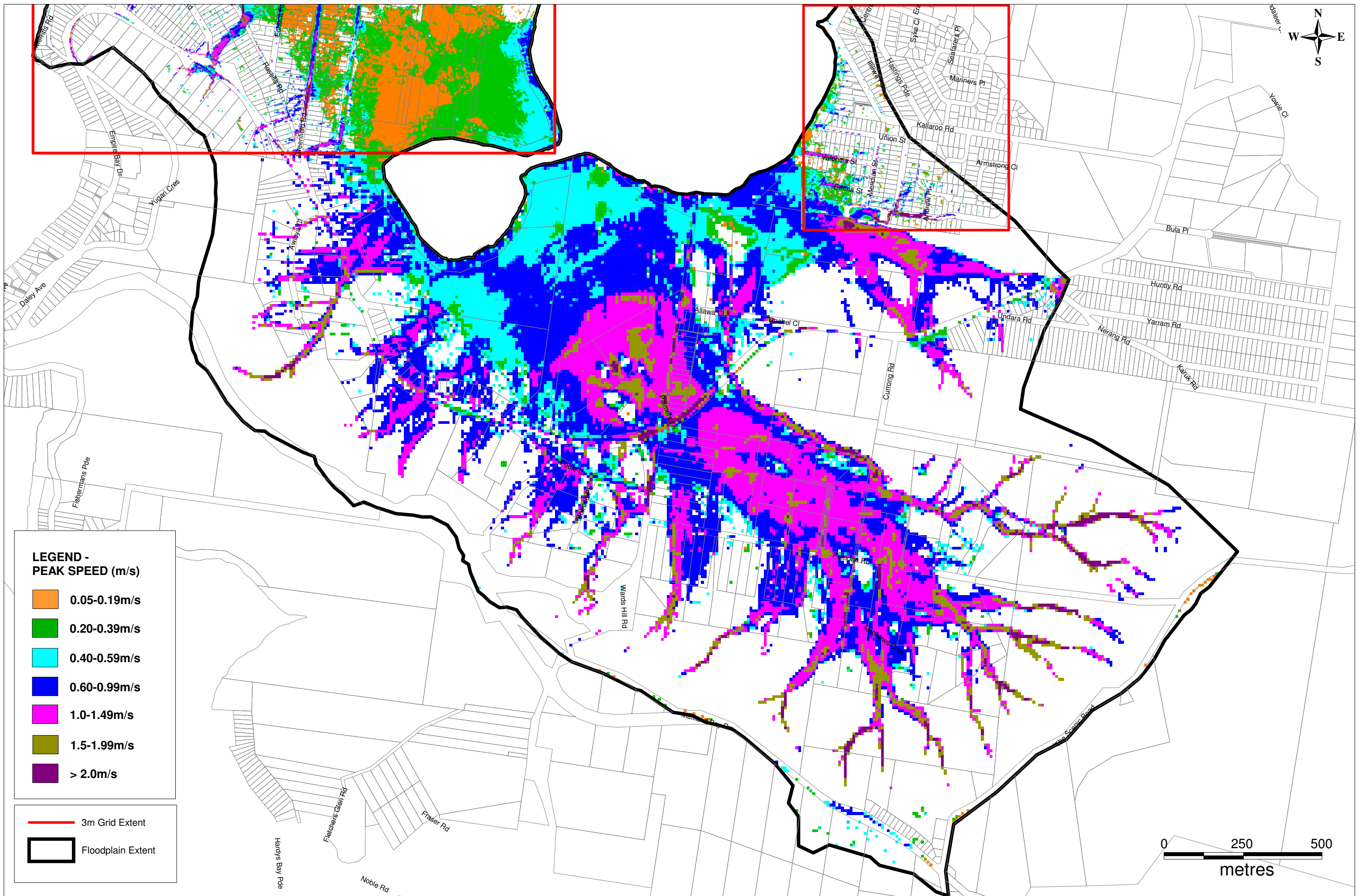
**LEGEND -
PEAK DEPTH (m)**

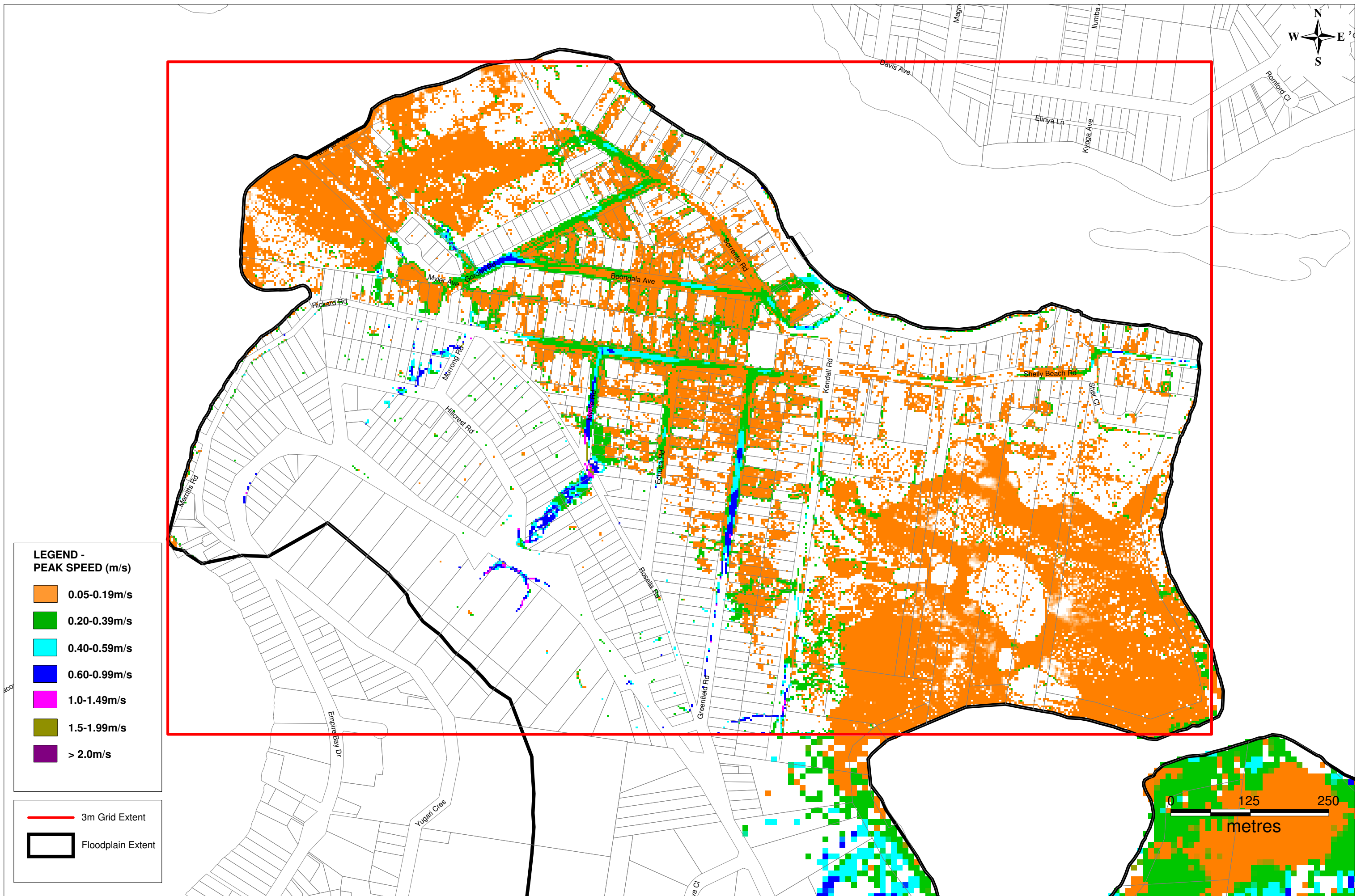
- 0.10-0.19m
- 0.20-0.29m
- 0.30-0.49m
- 0.50-0.69m
- 0.70-0.99m
- > 1.0m

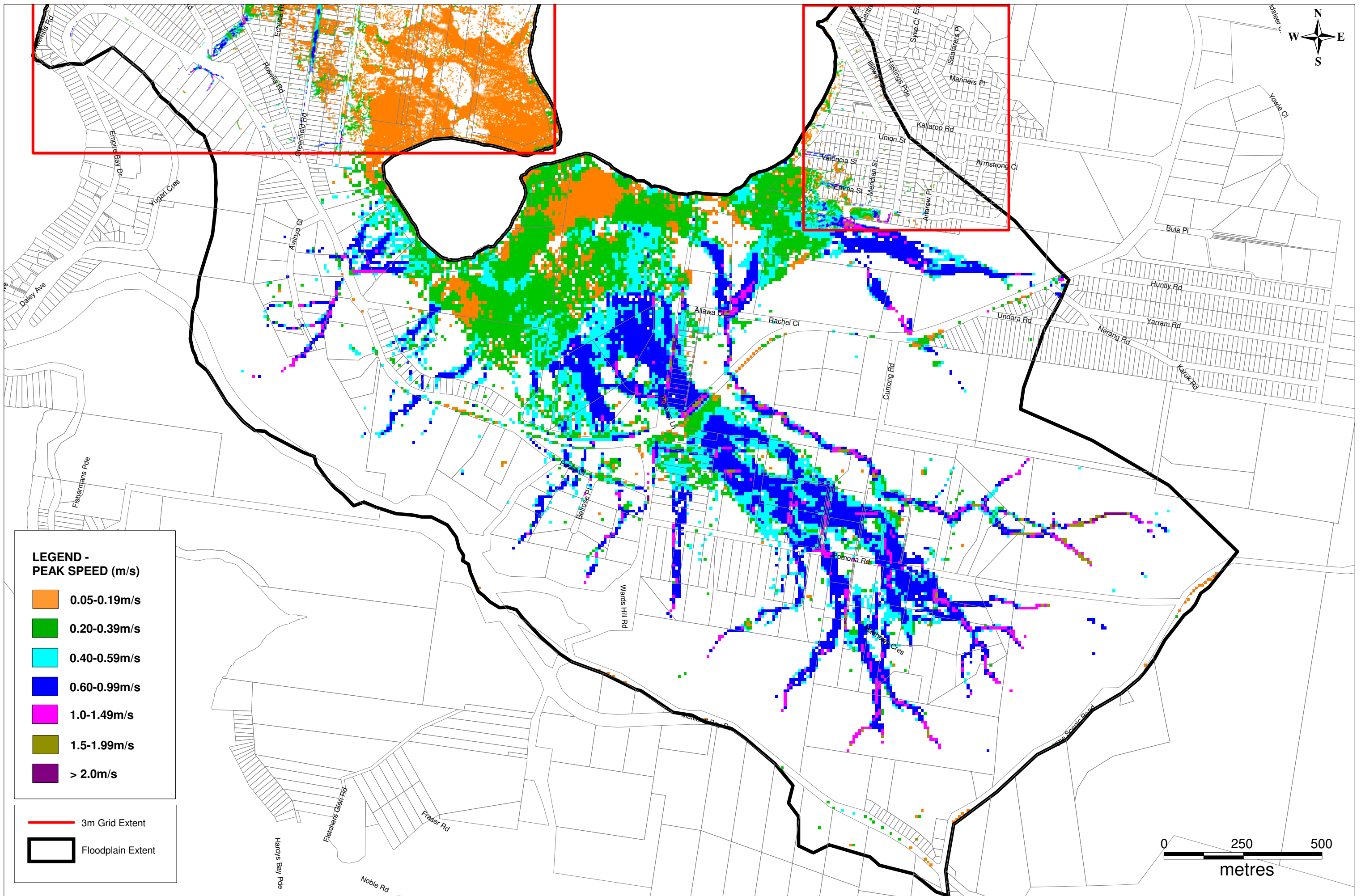
- 3m Grid Extent
- Floodplain Extent

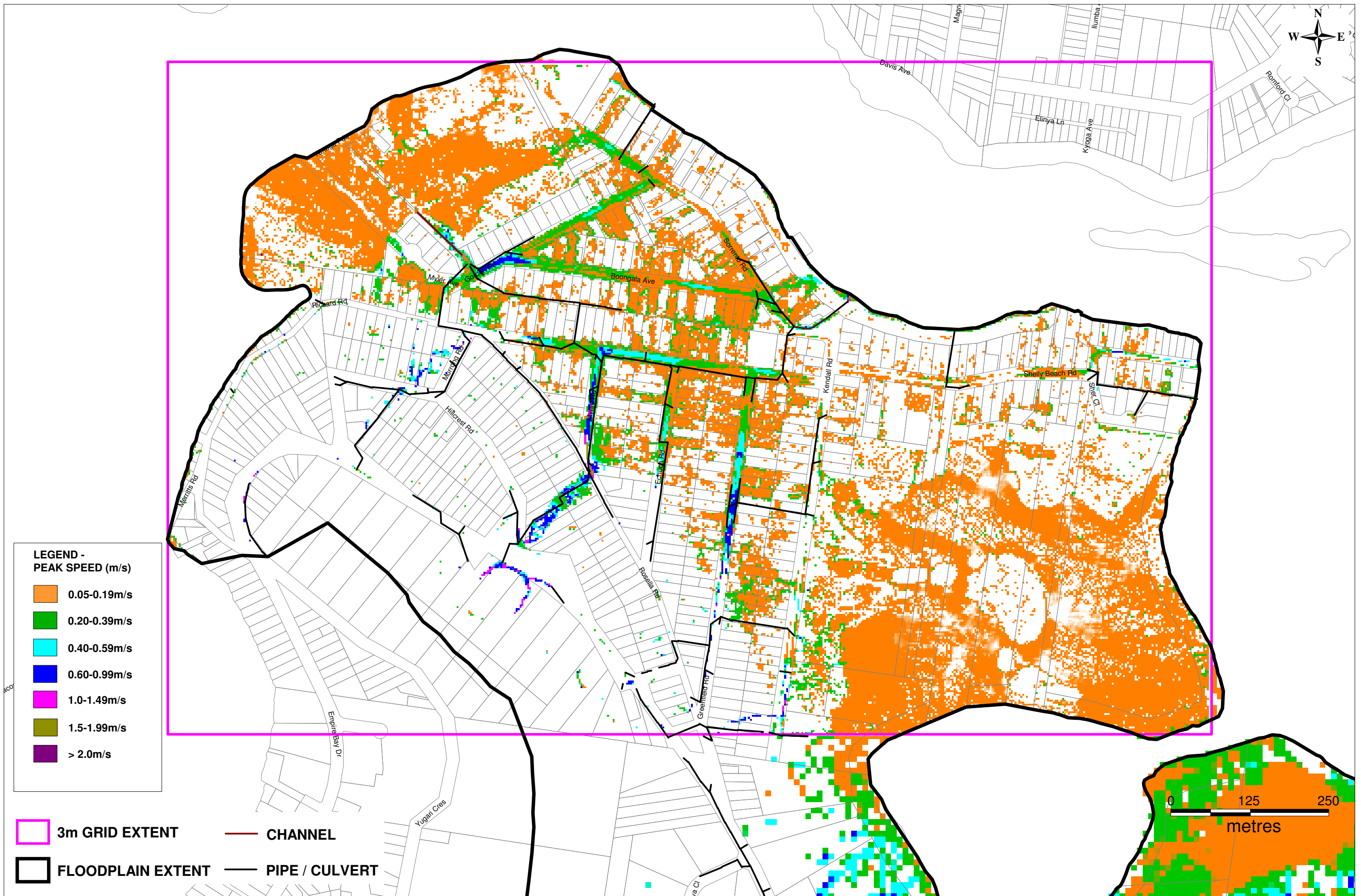


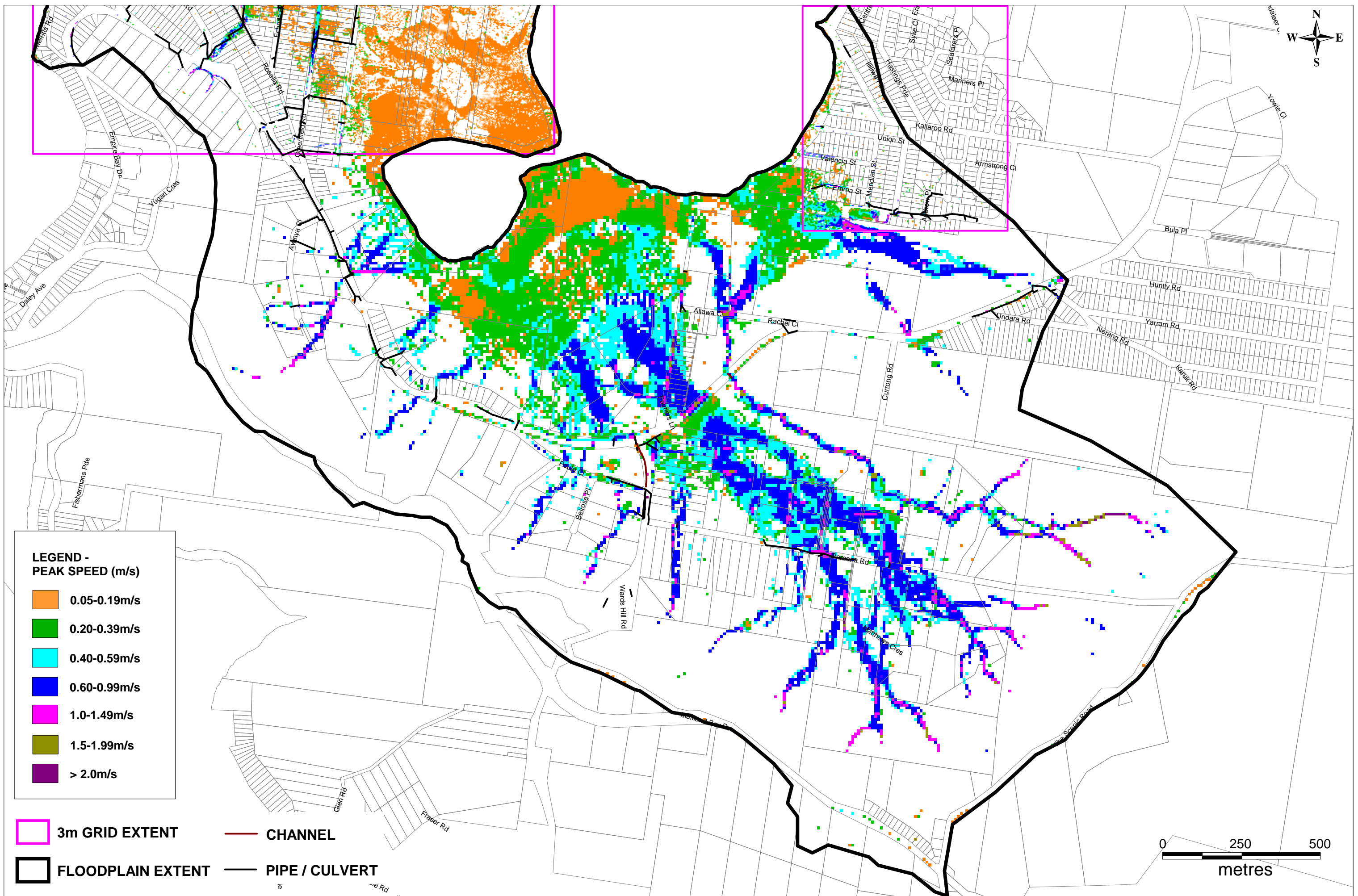


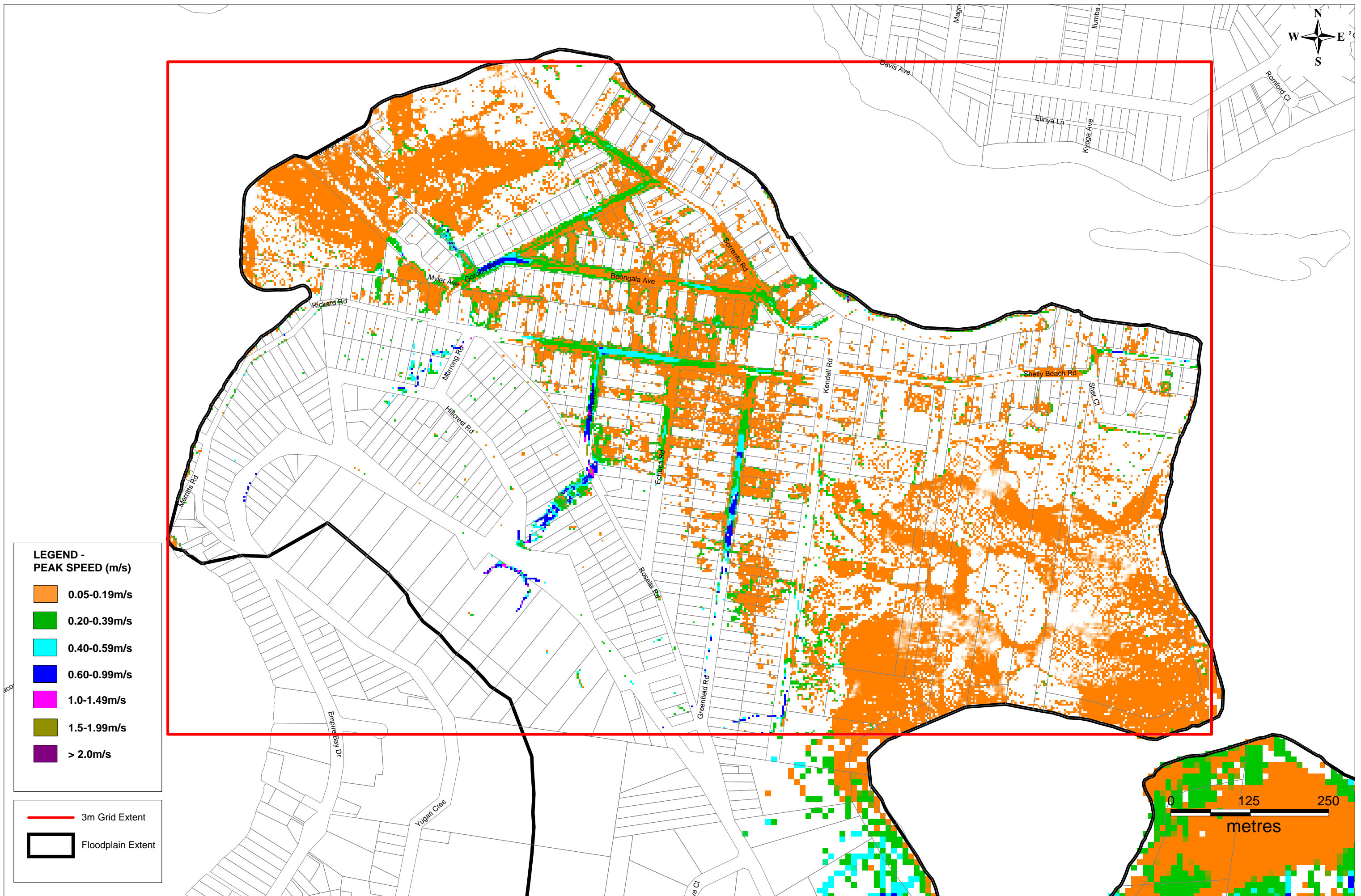


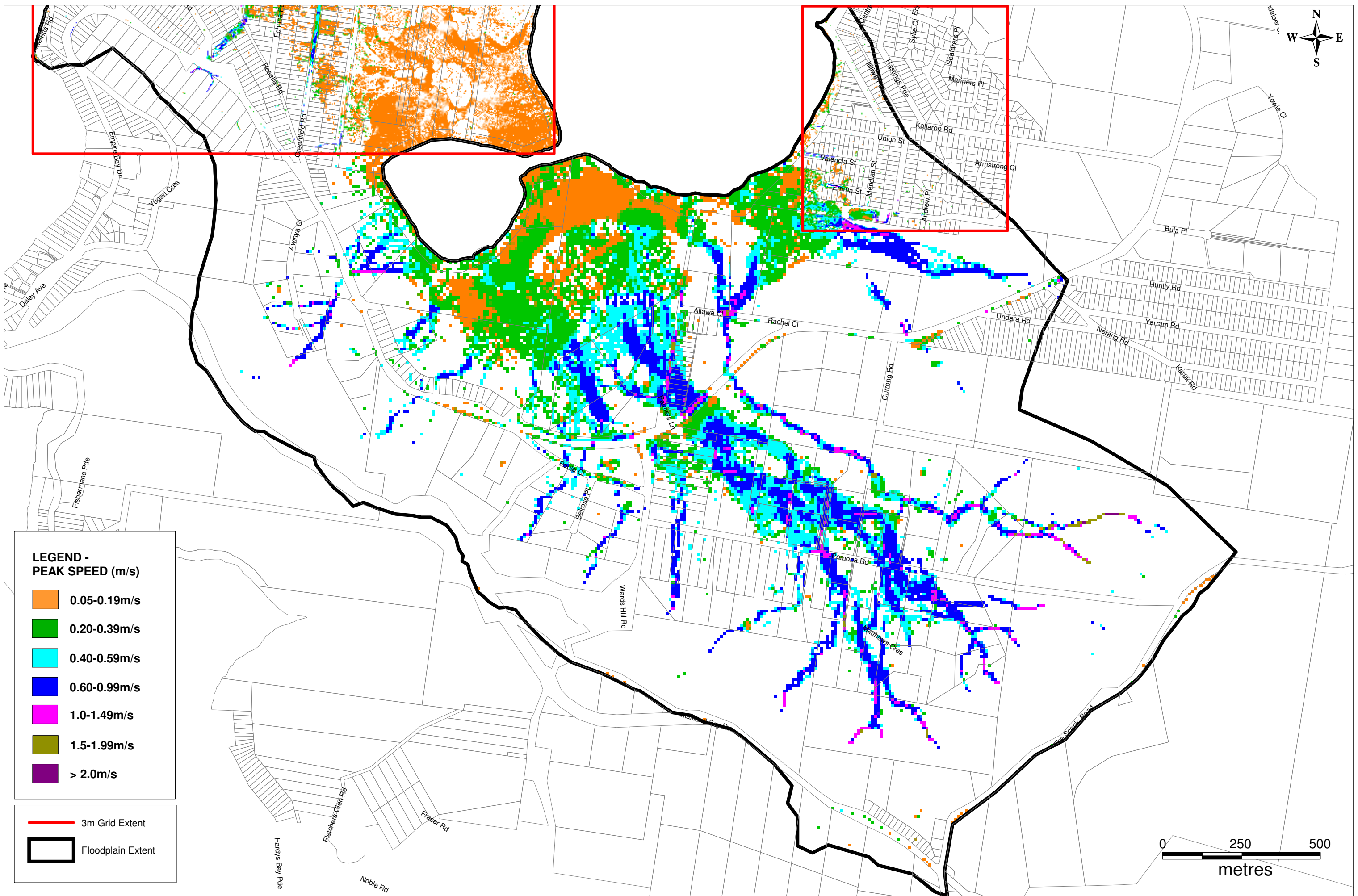


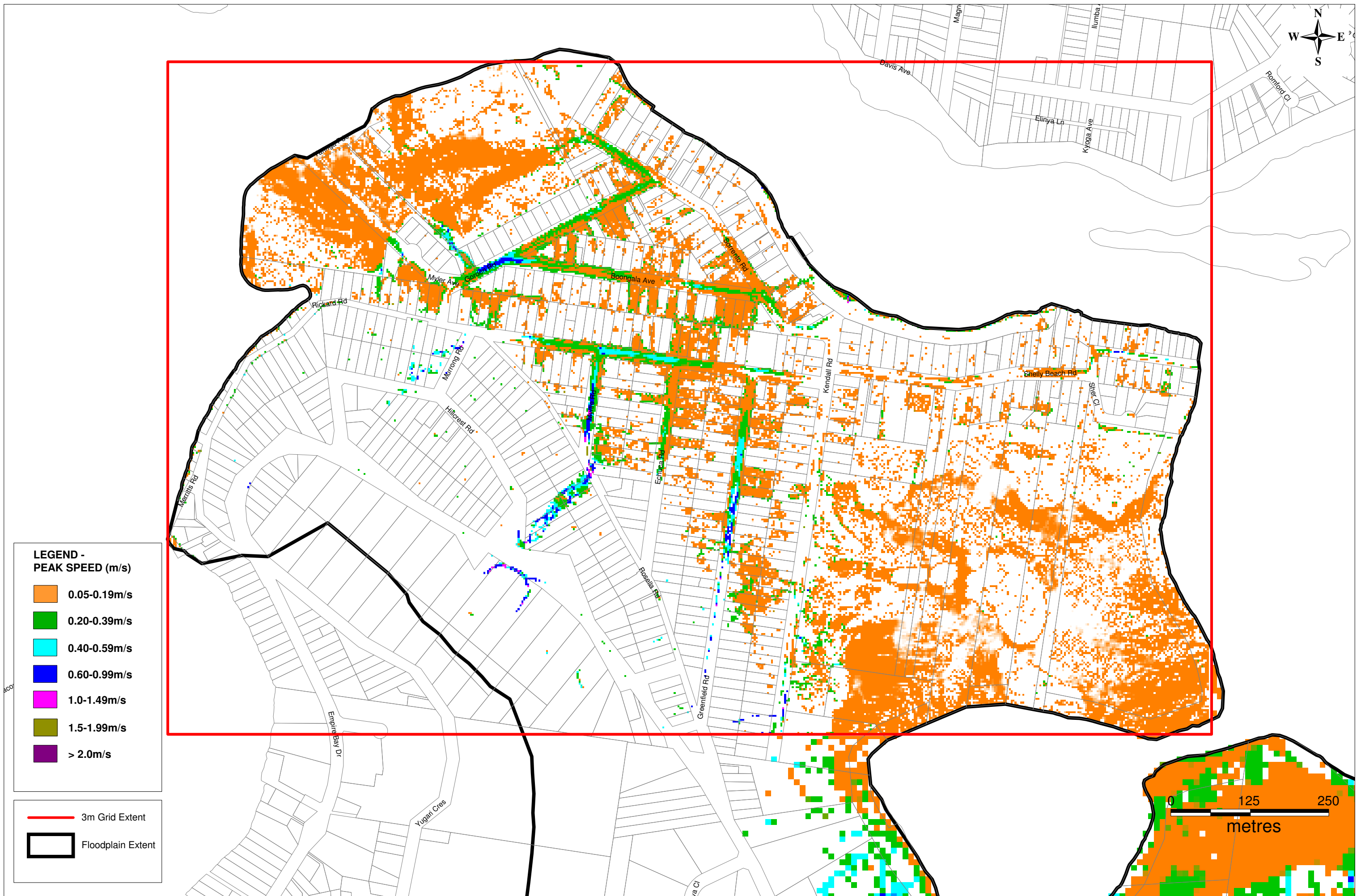


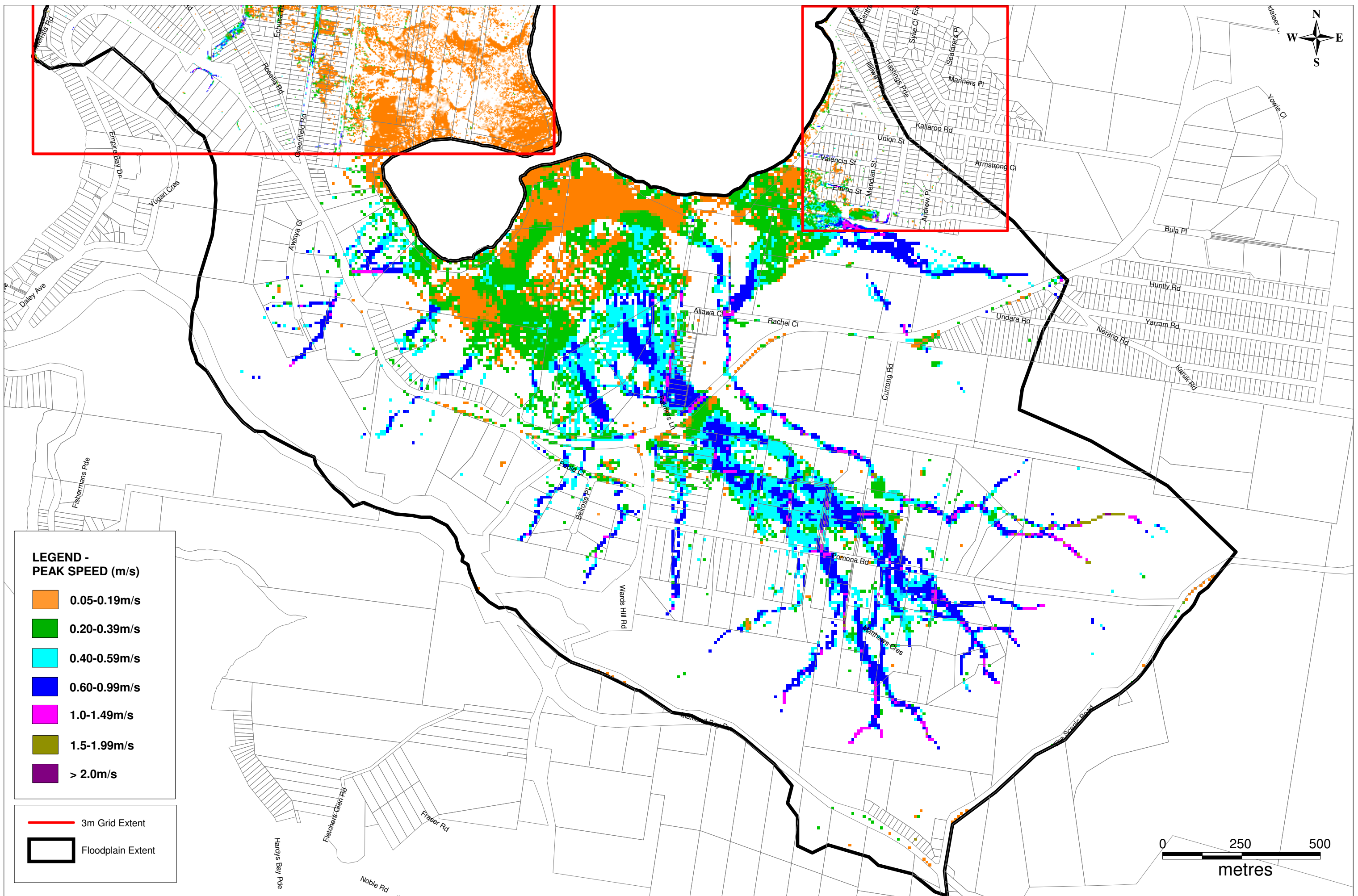


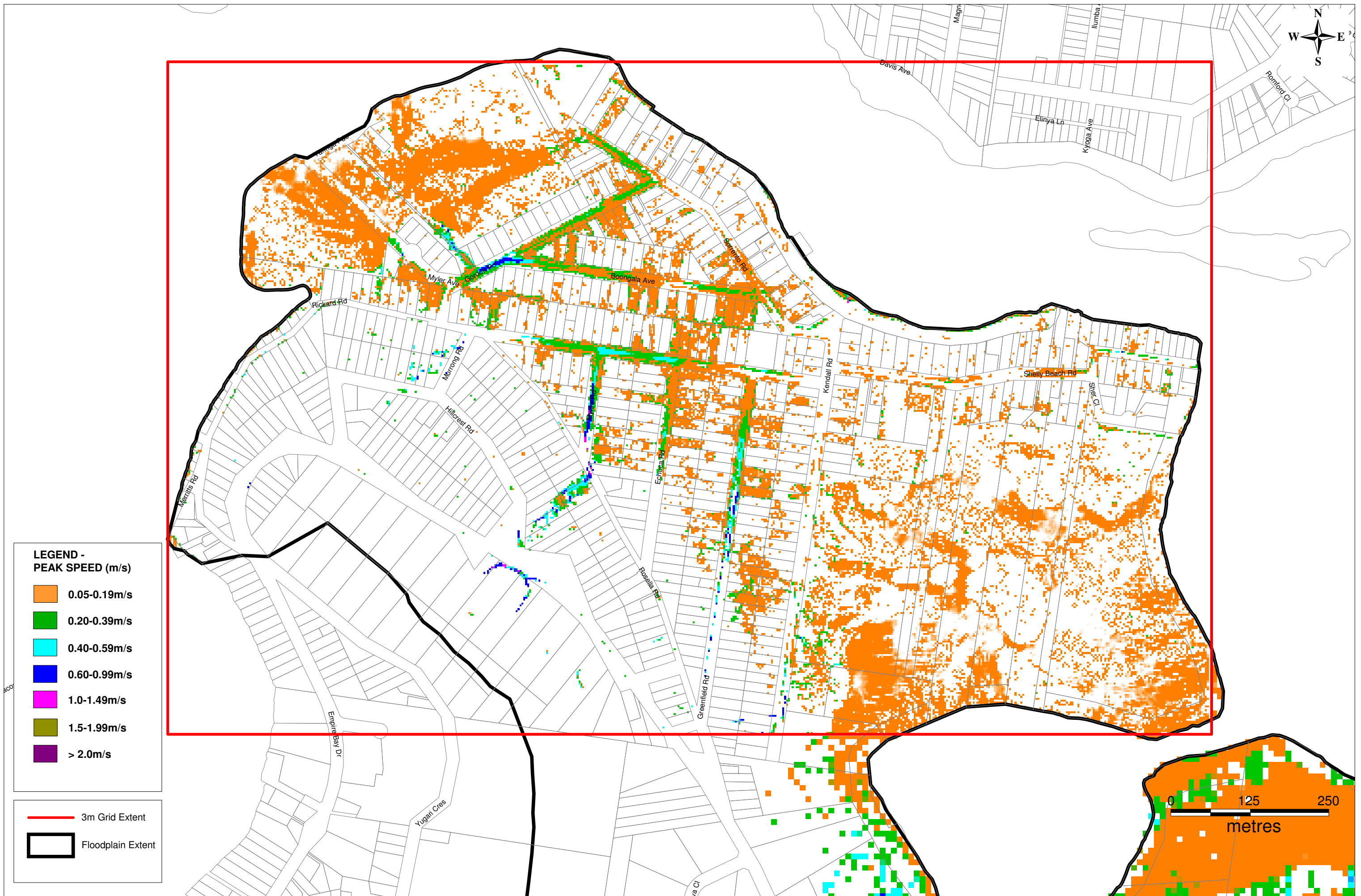


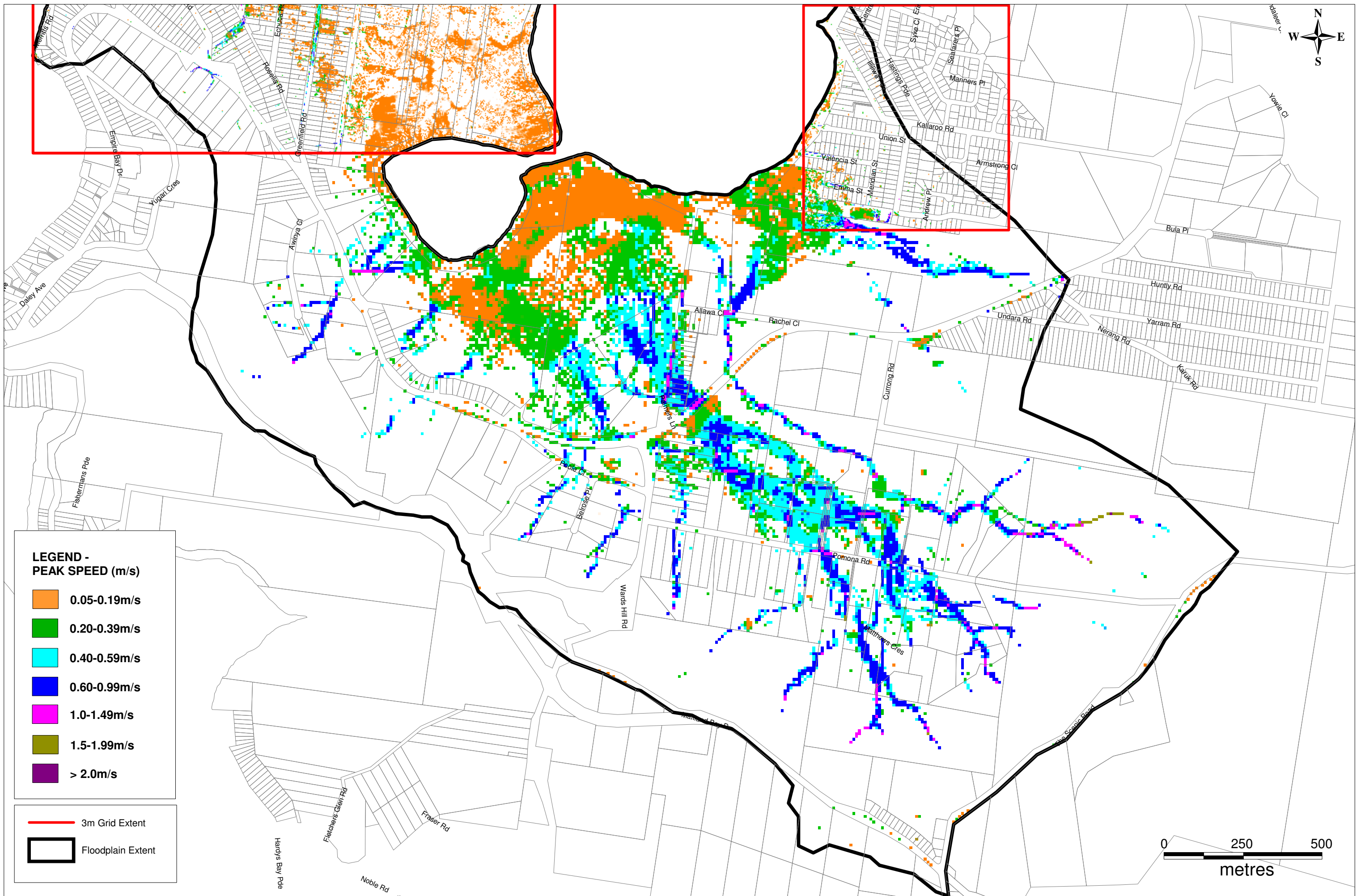


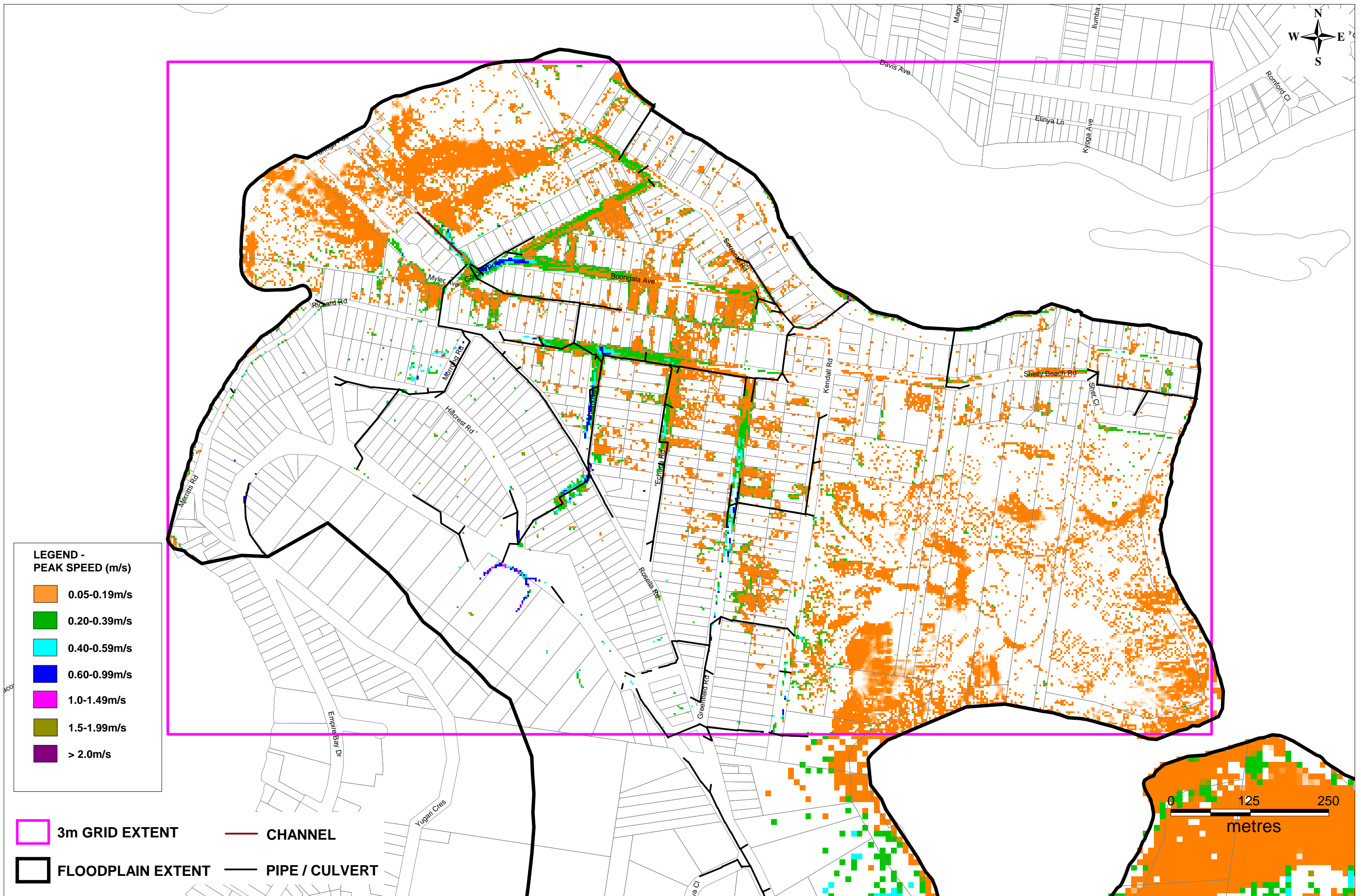


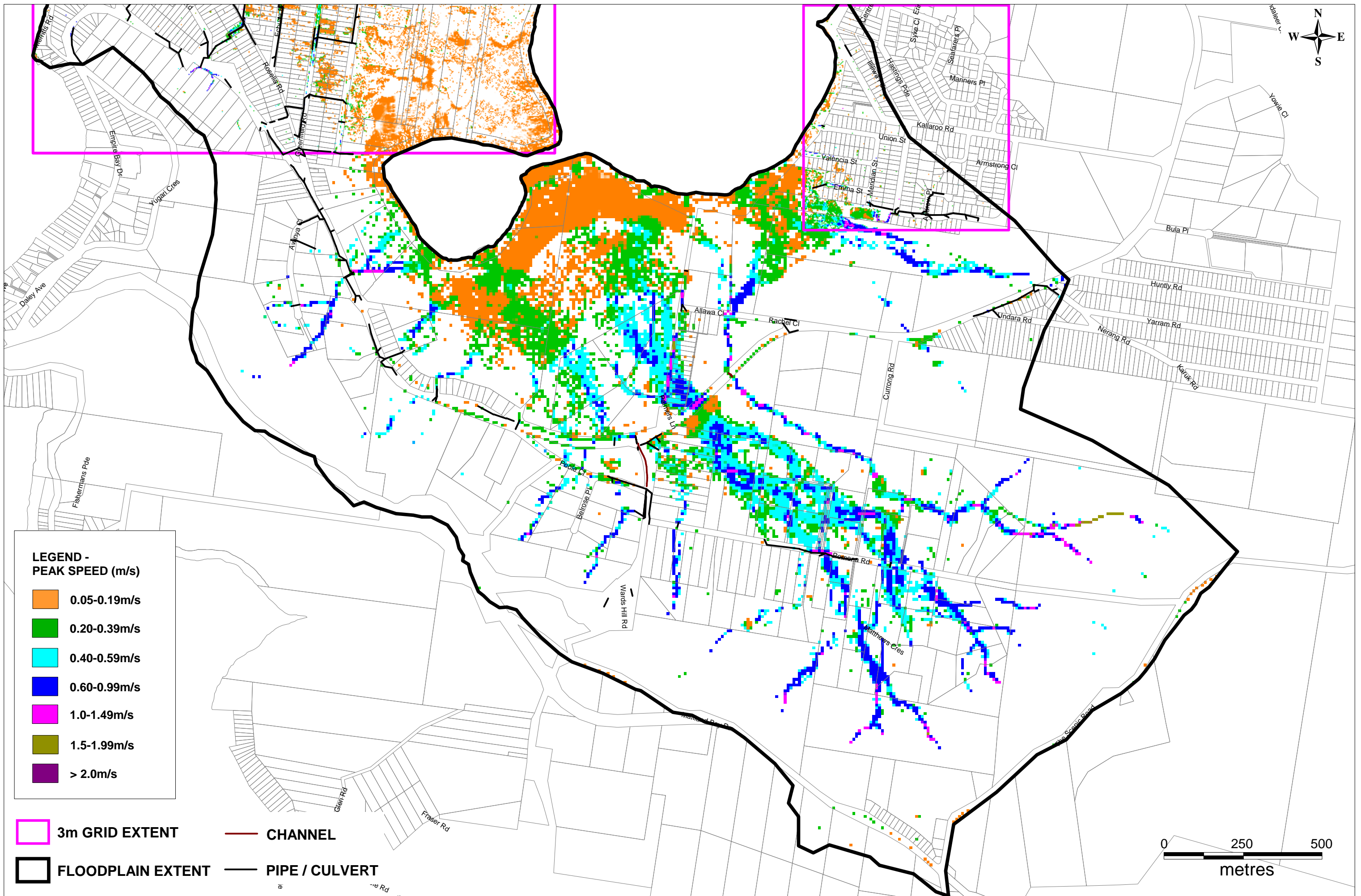


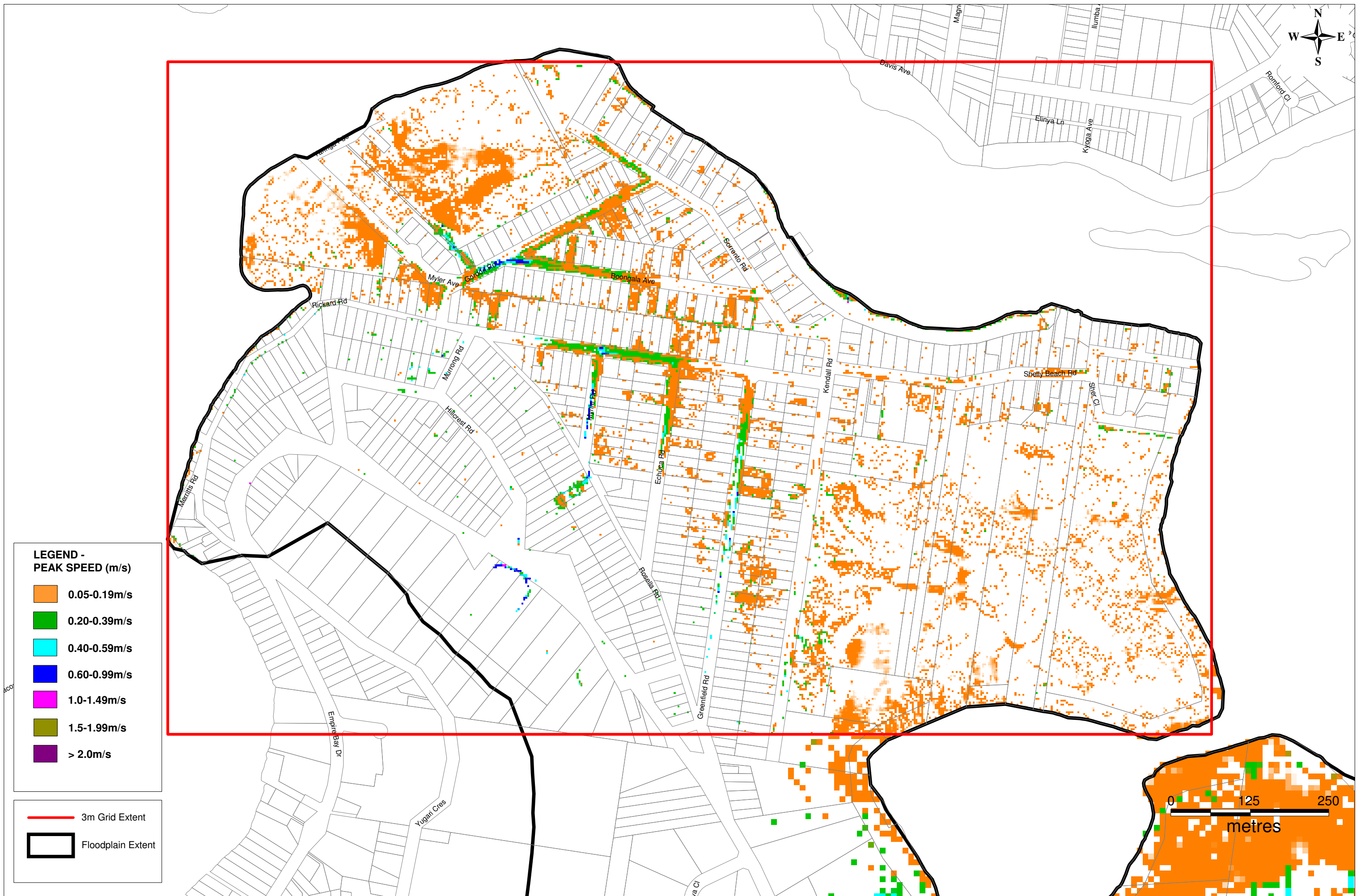


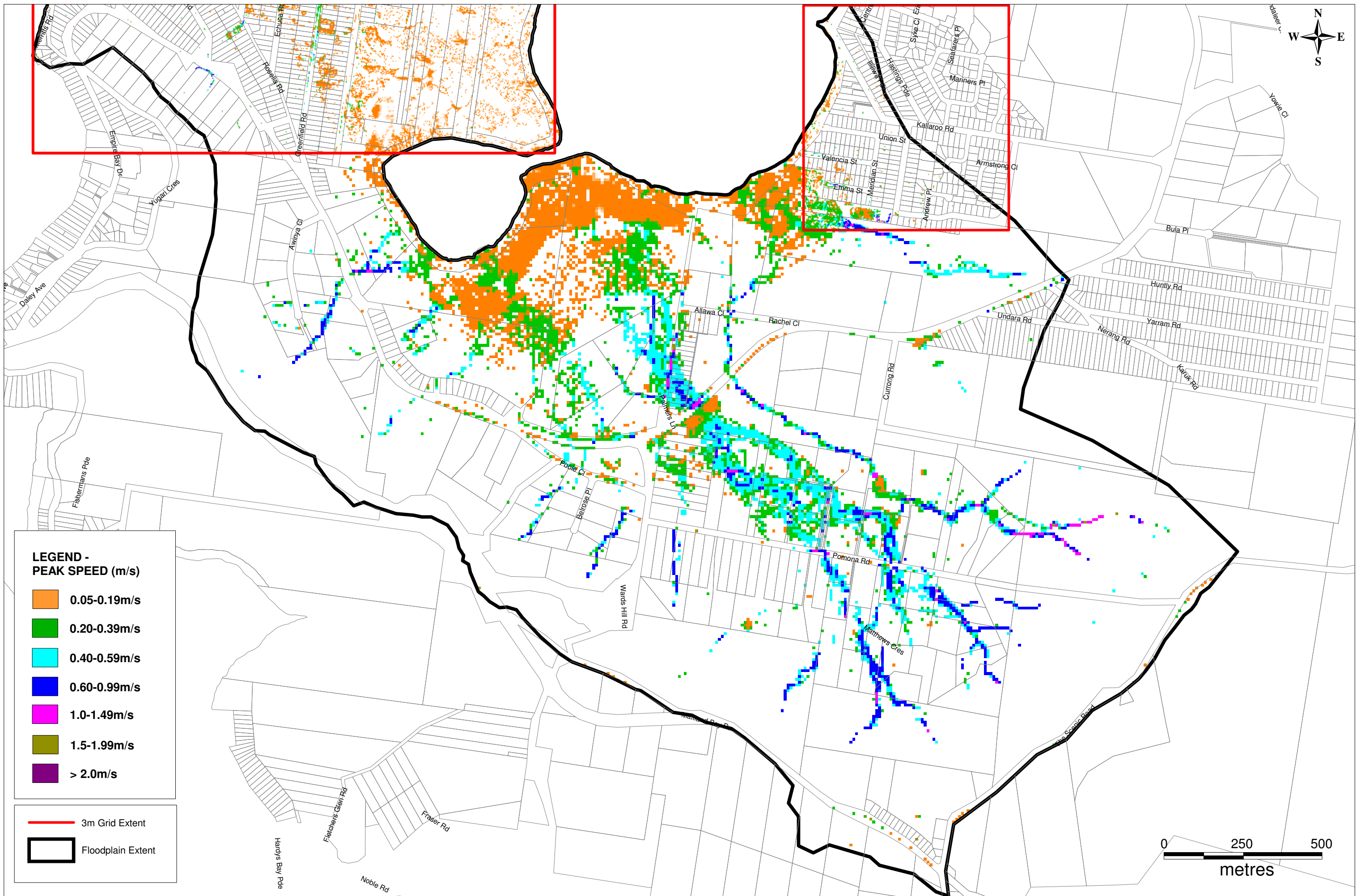


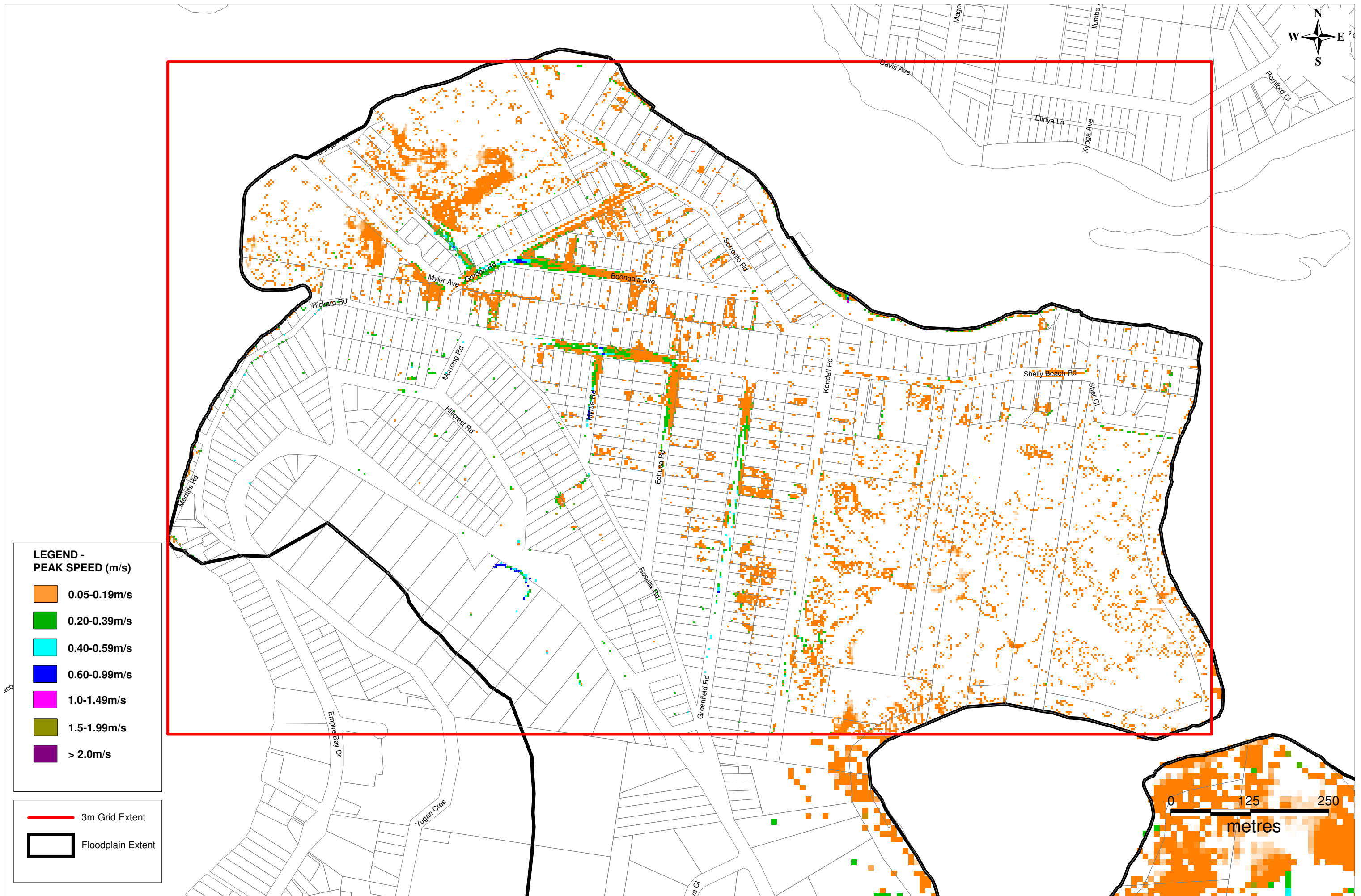


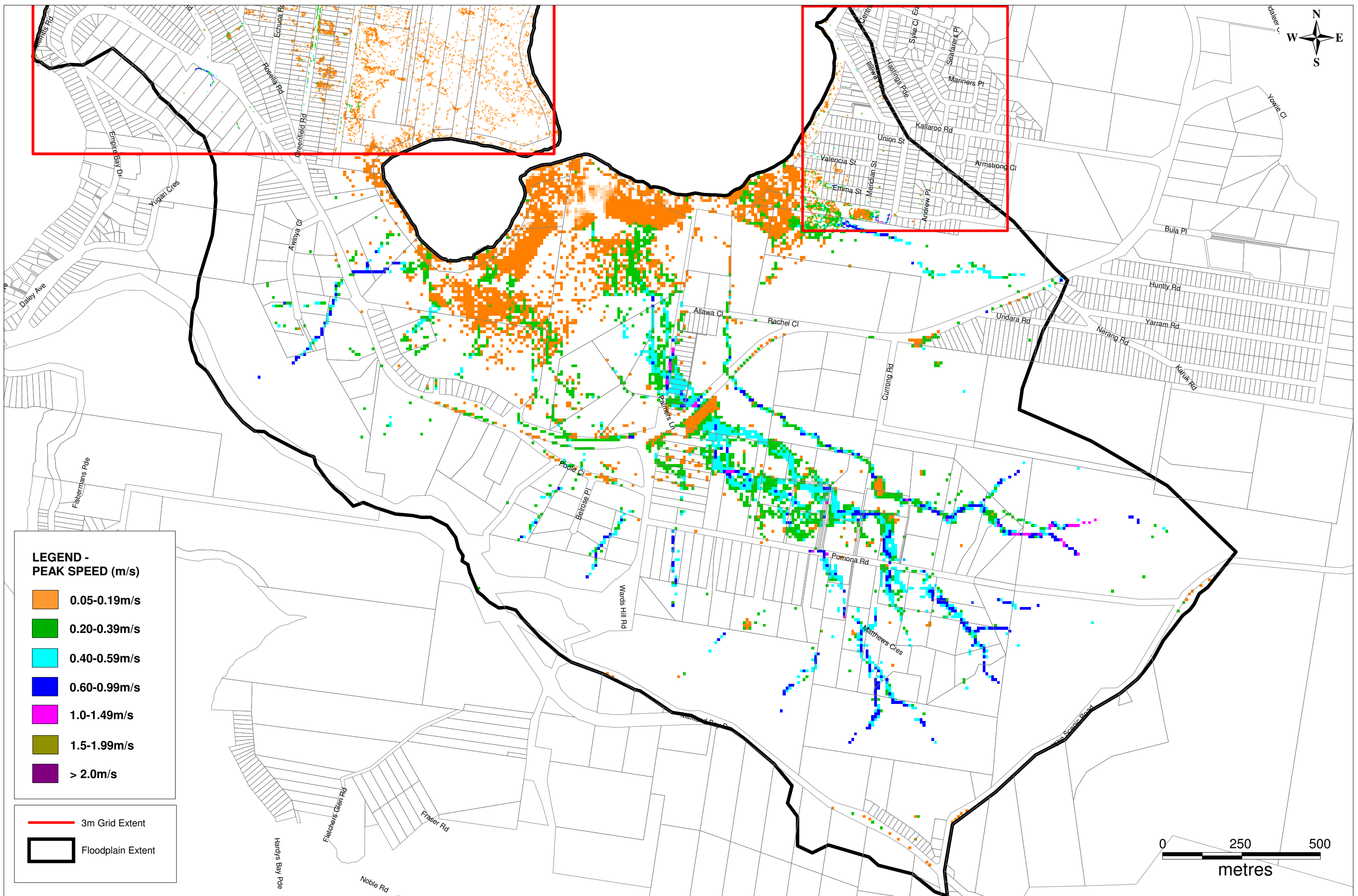


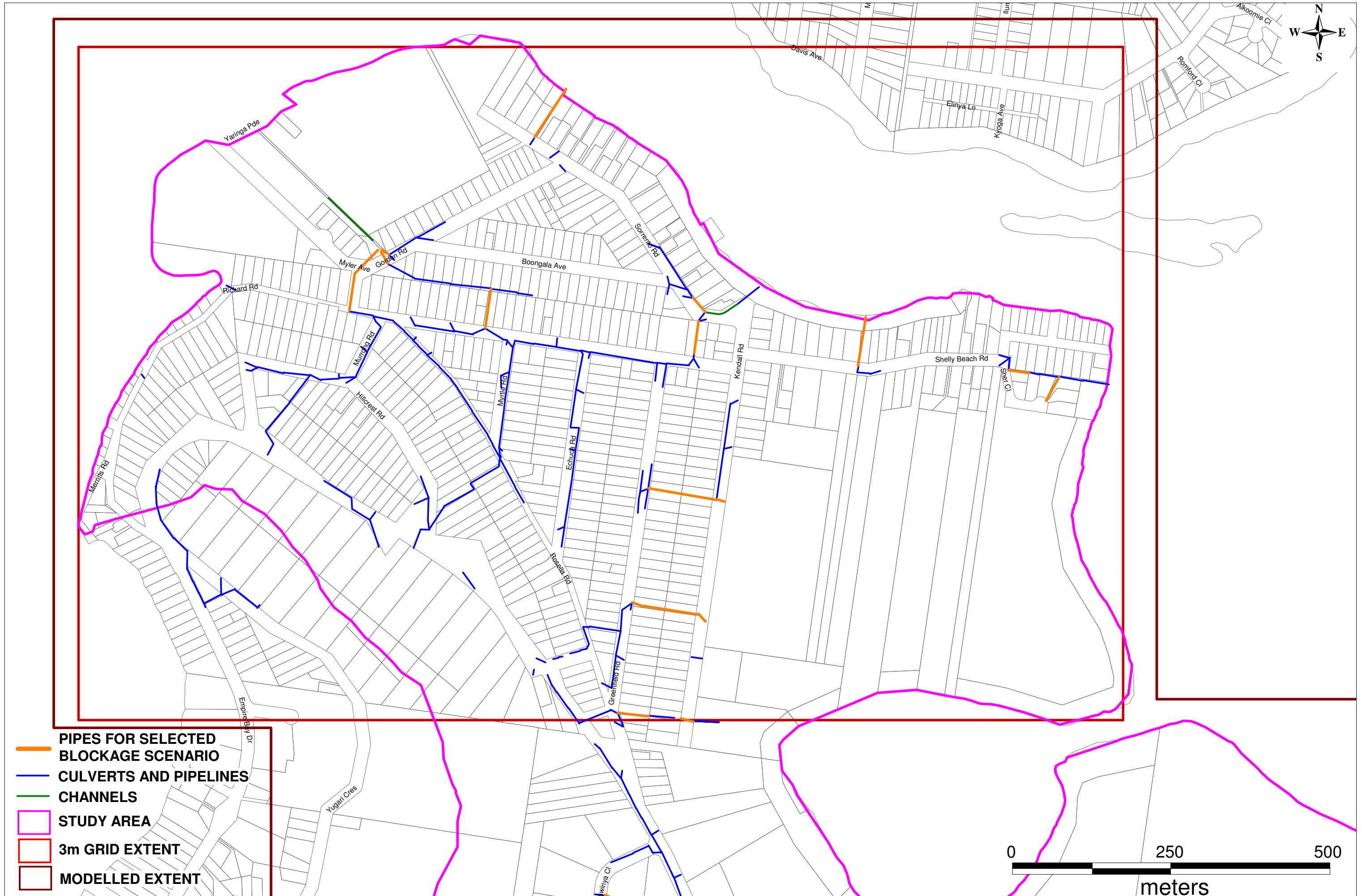






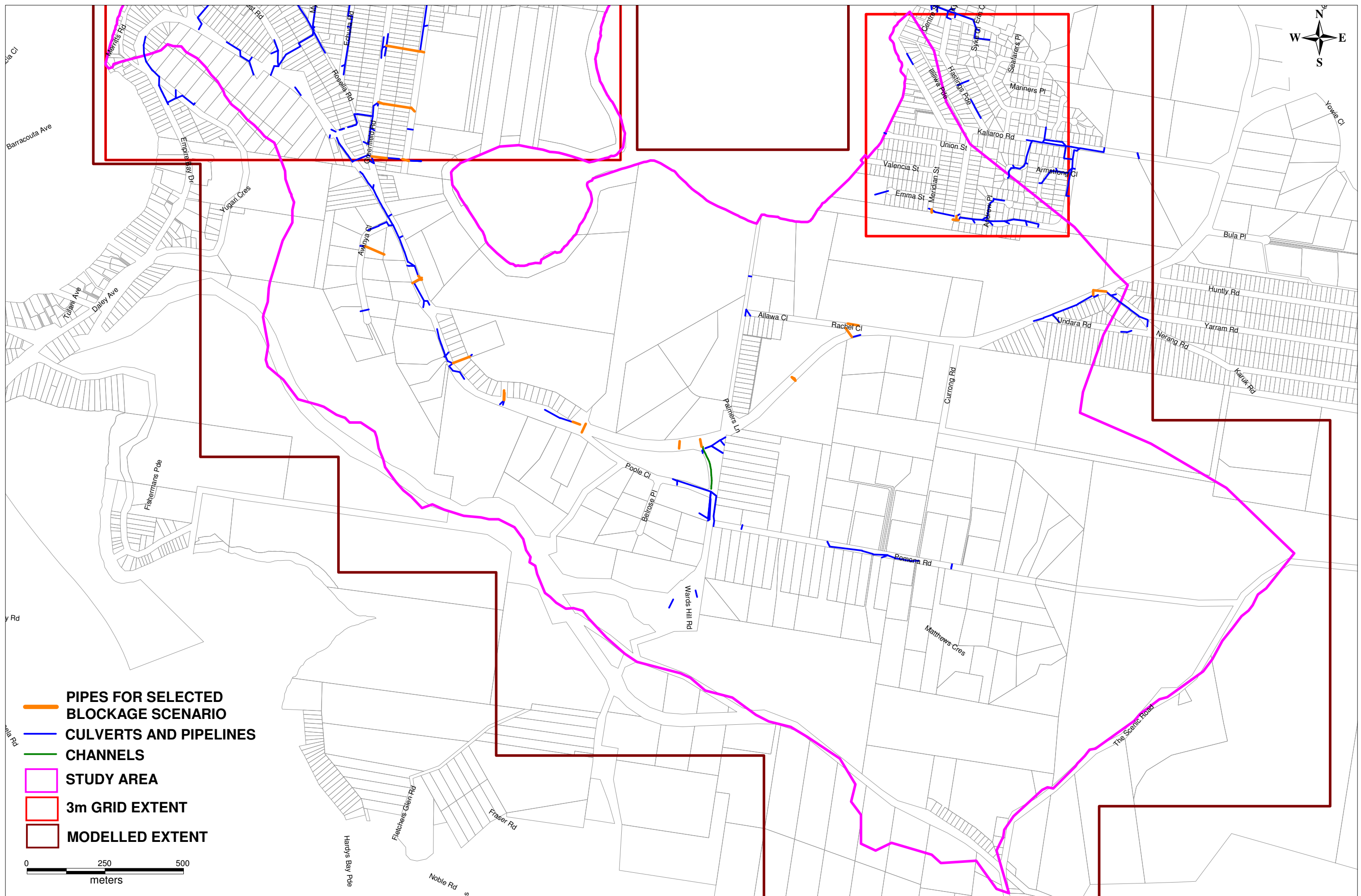


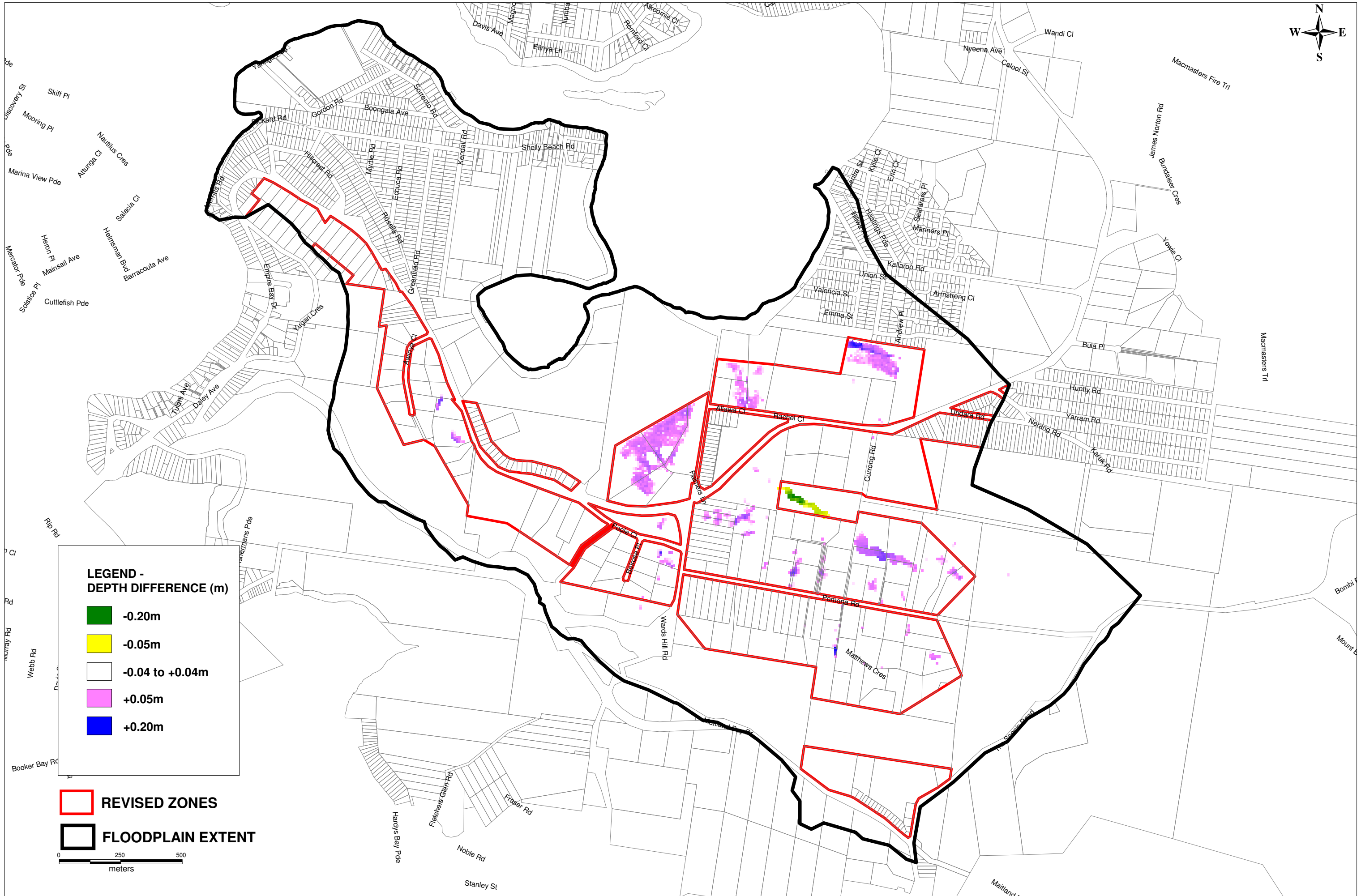


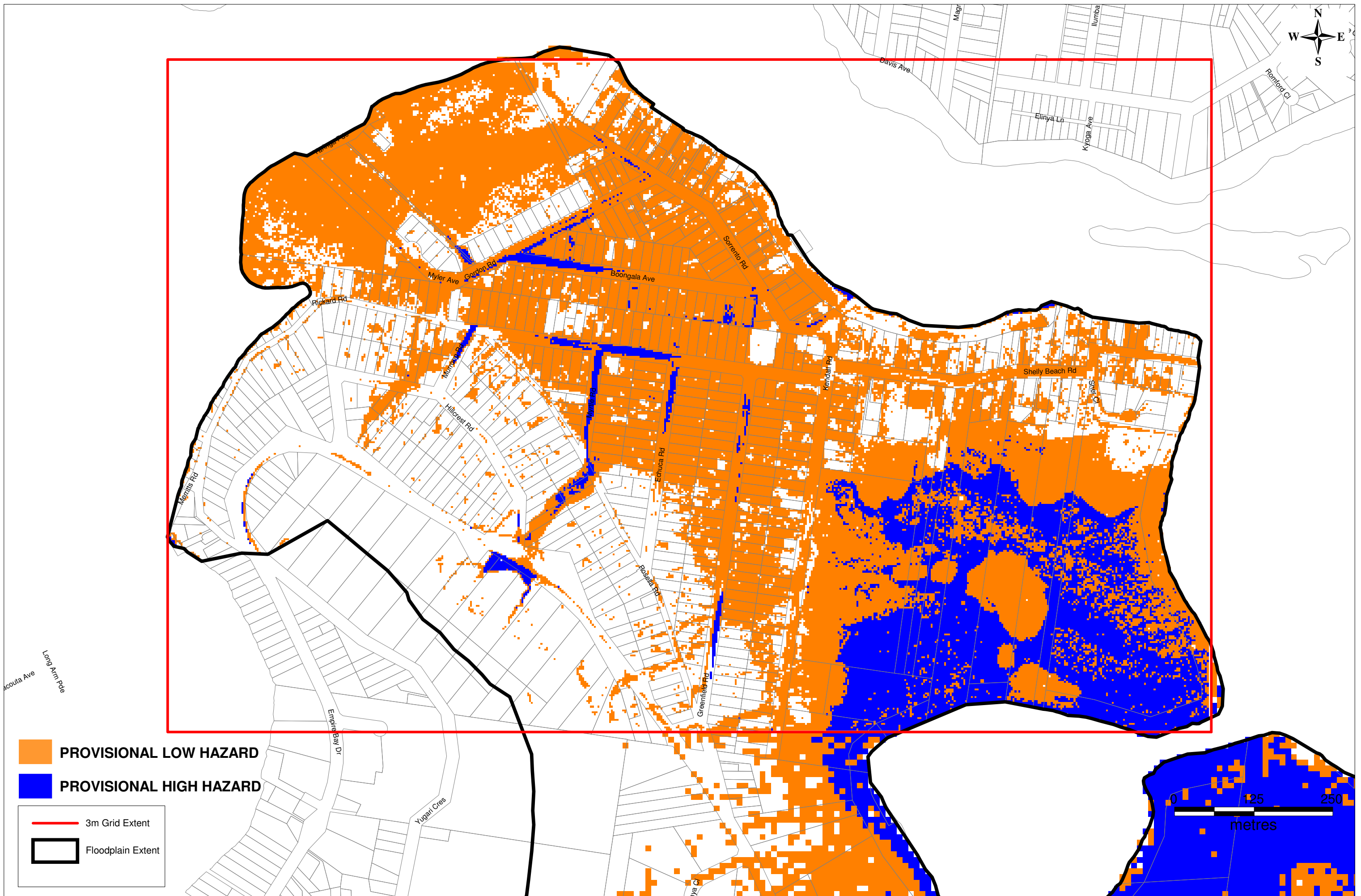


FINAL

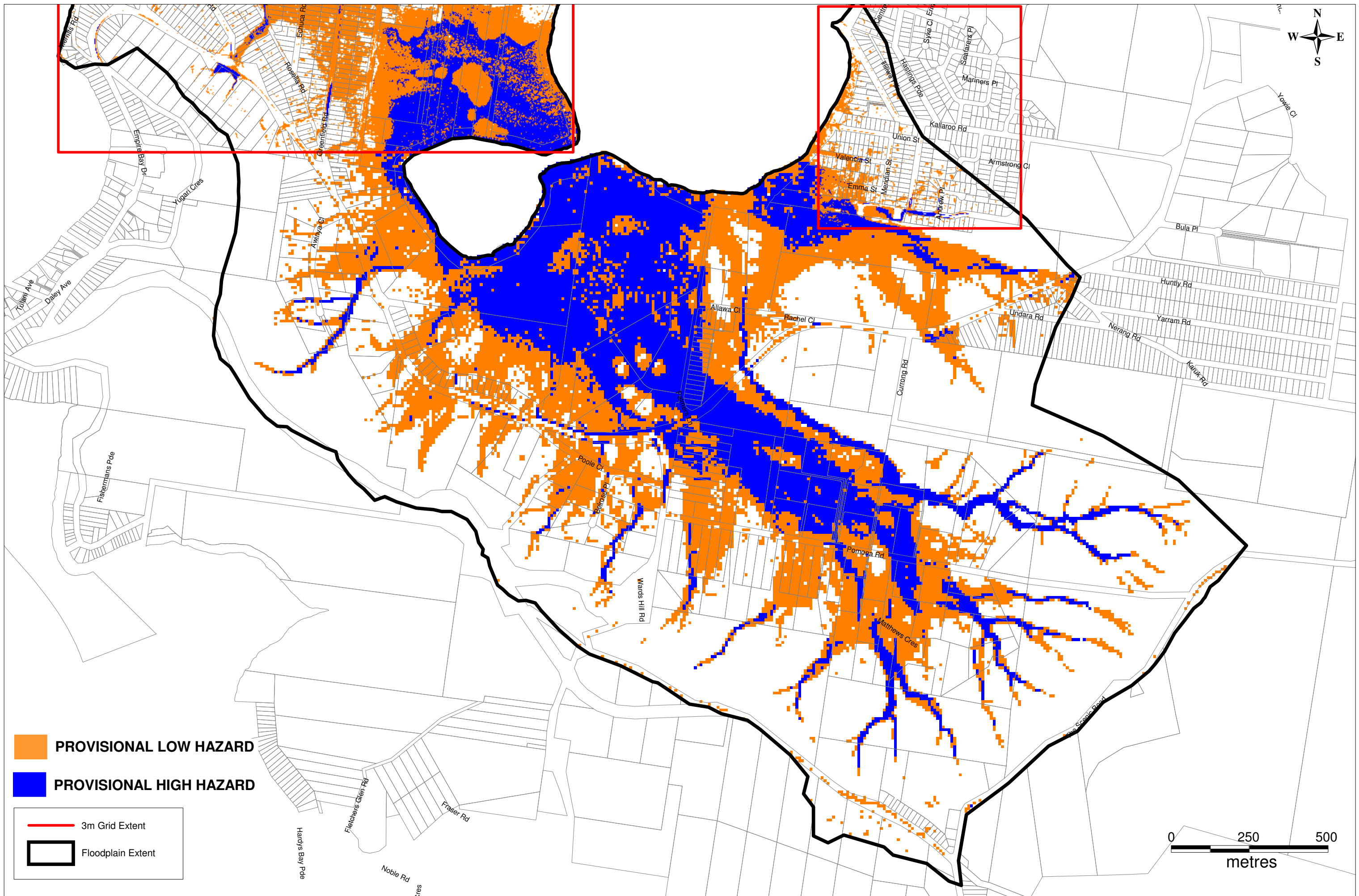
FIGURE 7.1A
SENSITIVITY ANALYSIS - PIPE BLOCKAGE

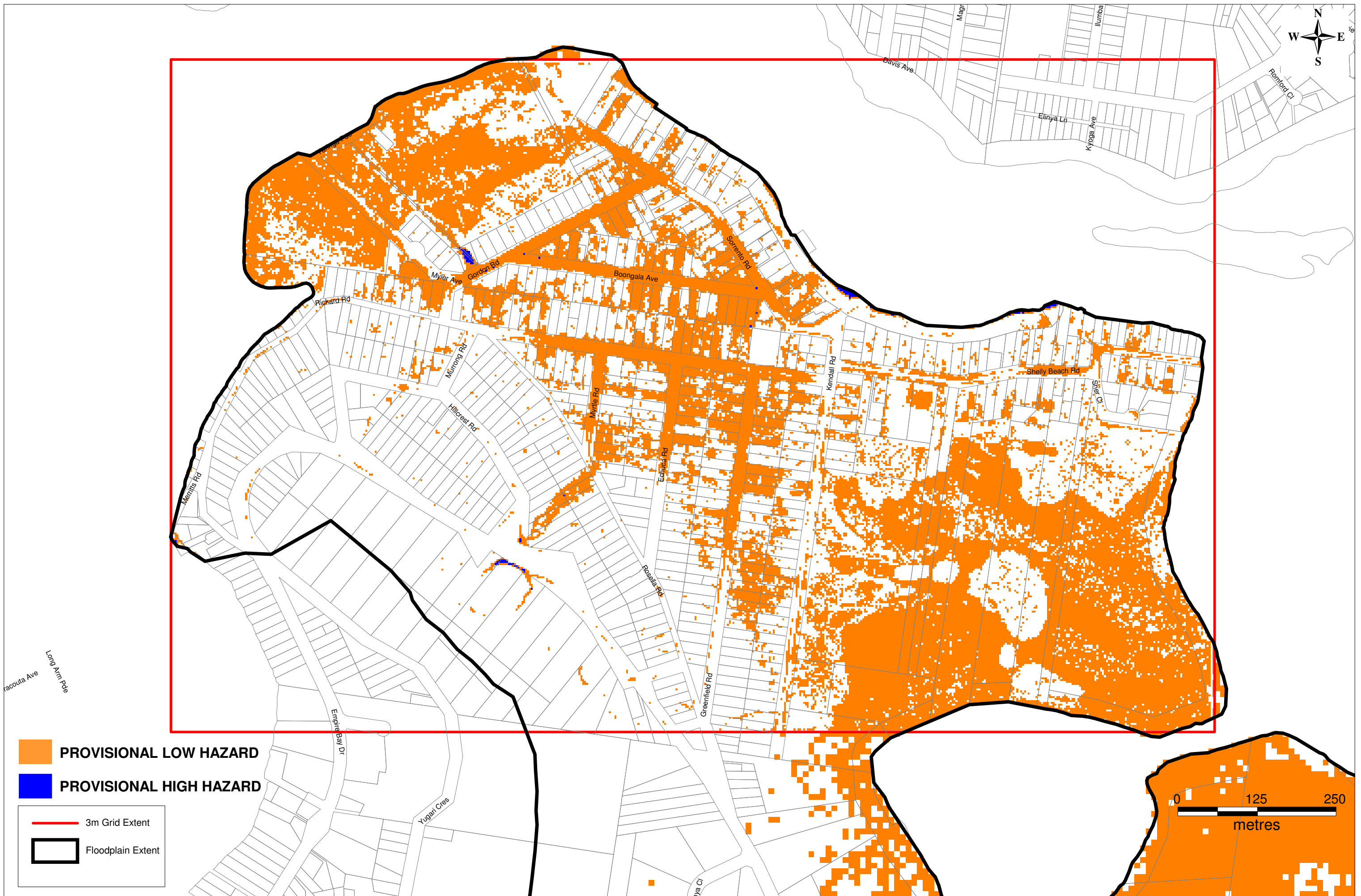






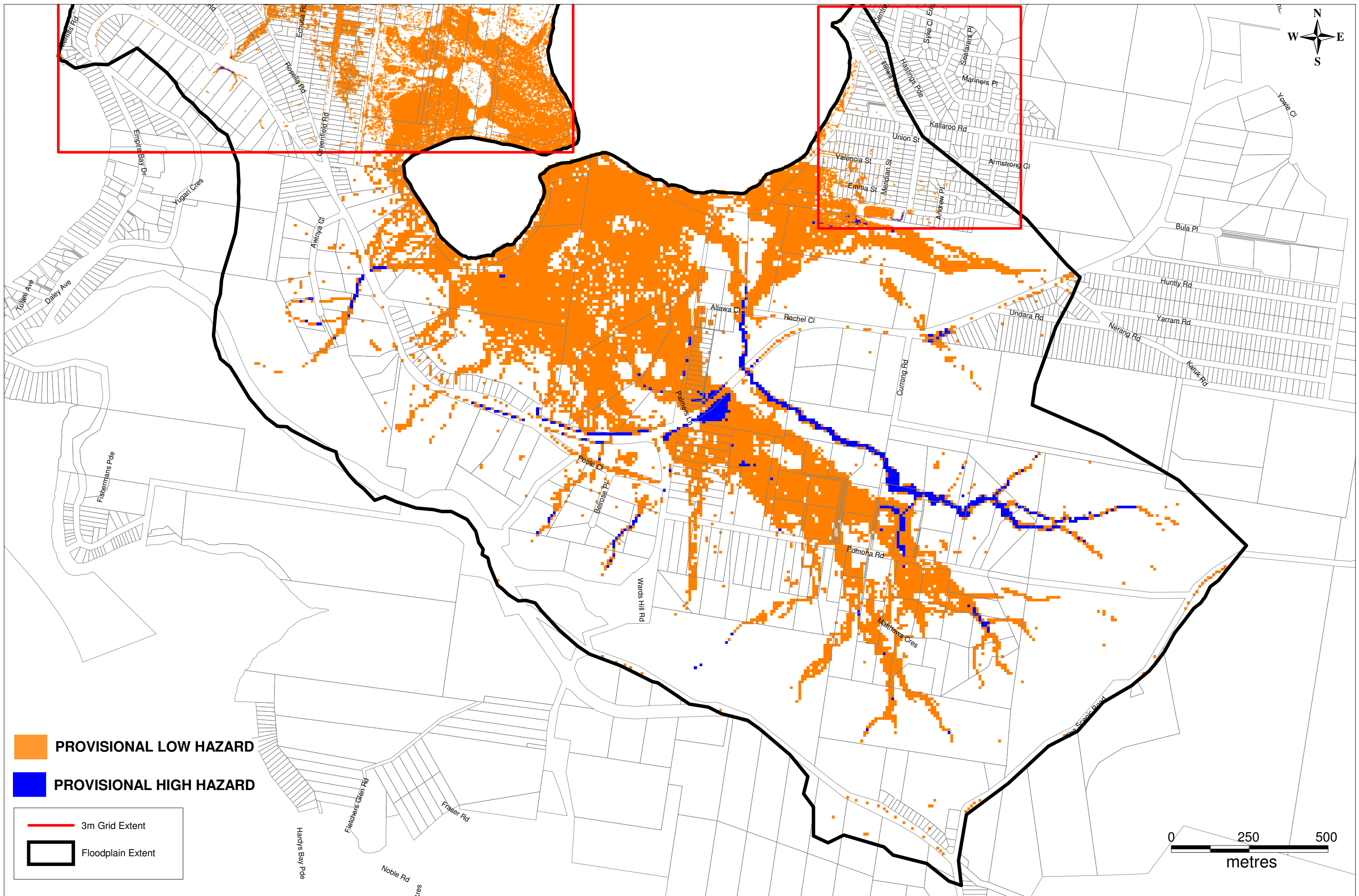
PROVISIONAL LOW HAZARD
 PROVISIONAL HIGH HAZARD
 3m Grid Extent
 Floodplain Extent

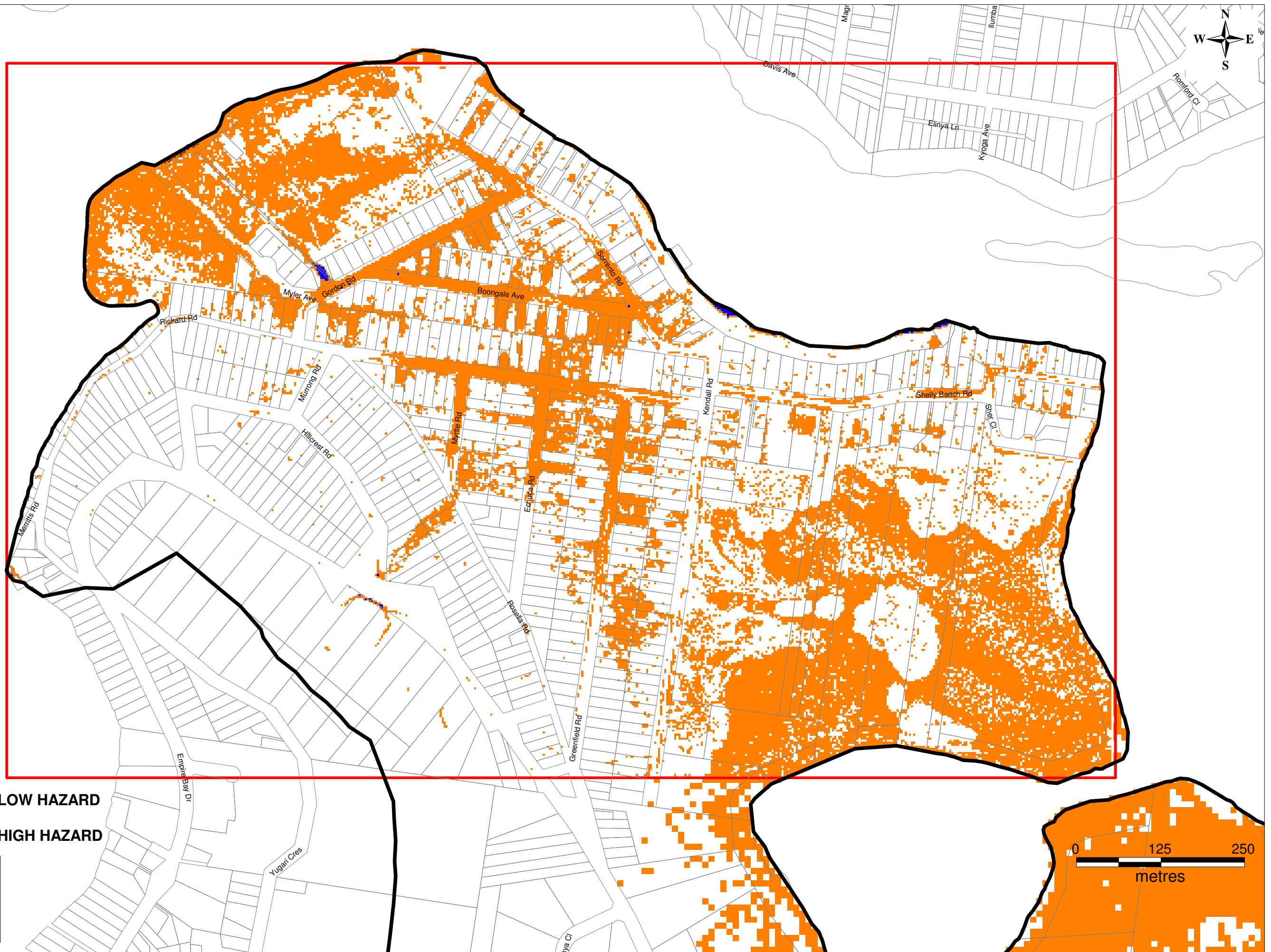




PROVISIONAL LOW HAZARD
 PROVISIONAL HIGH HAZARD

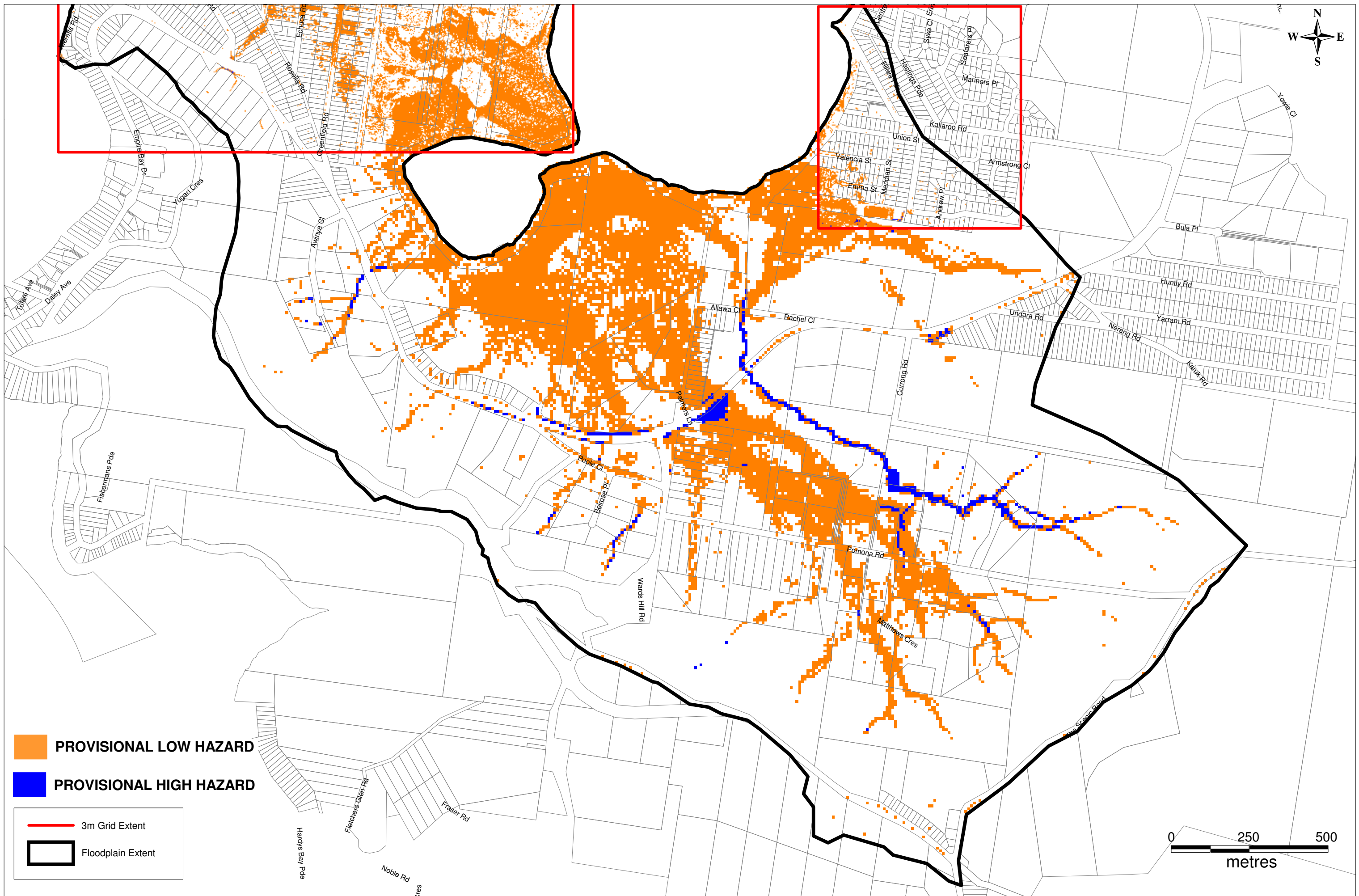
3m Grid Extent
 Floodplain Extent

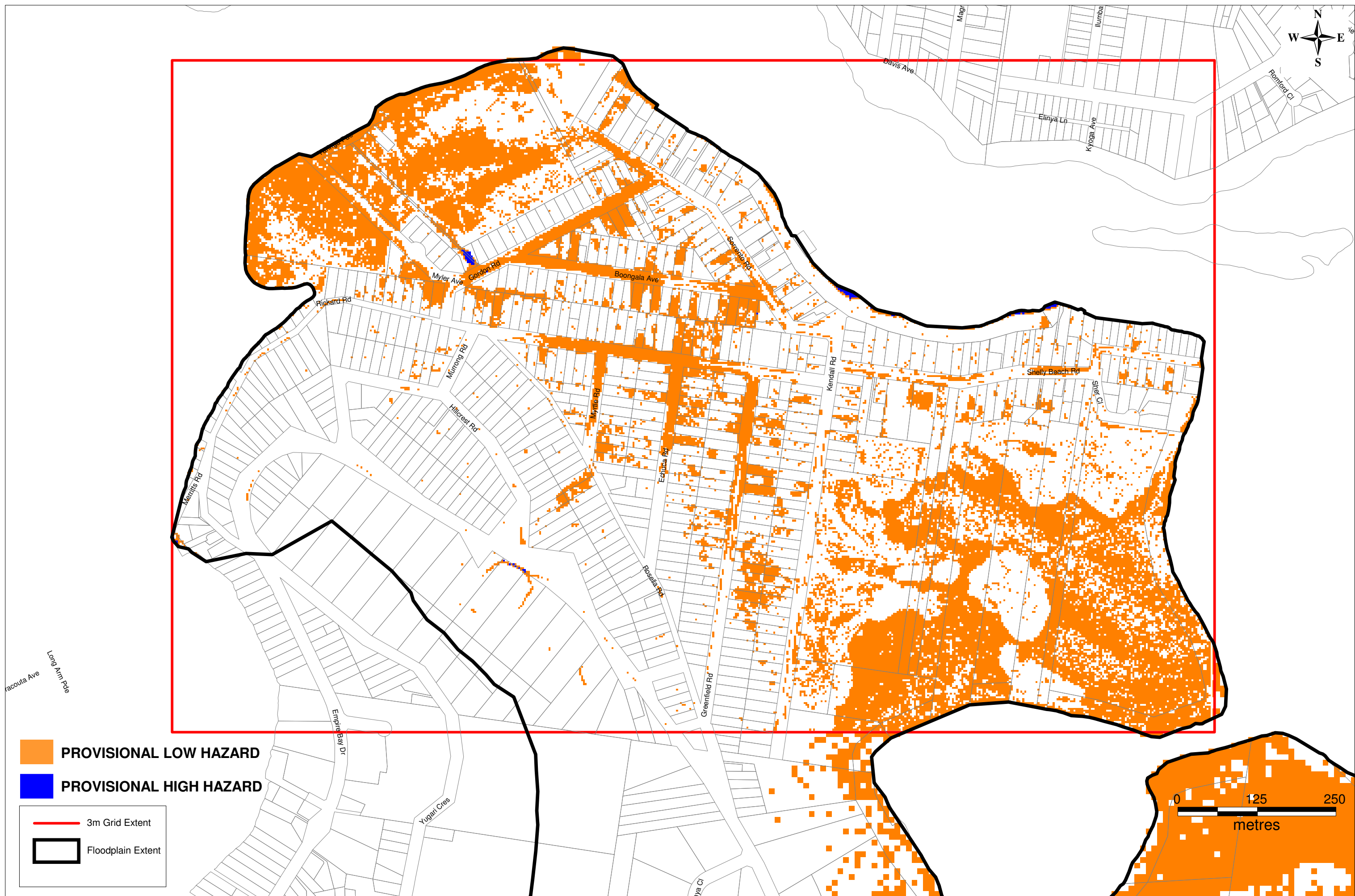




- PROVISIONAL LOW HAZARD
- PROVISIONAL HIGH HAZARD

- 3m Grid Extent
- Floodplain Extent

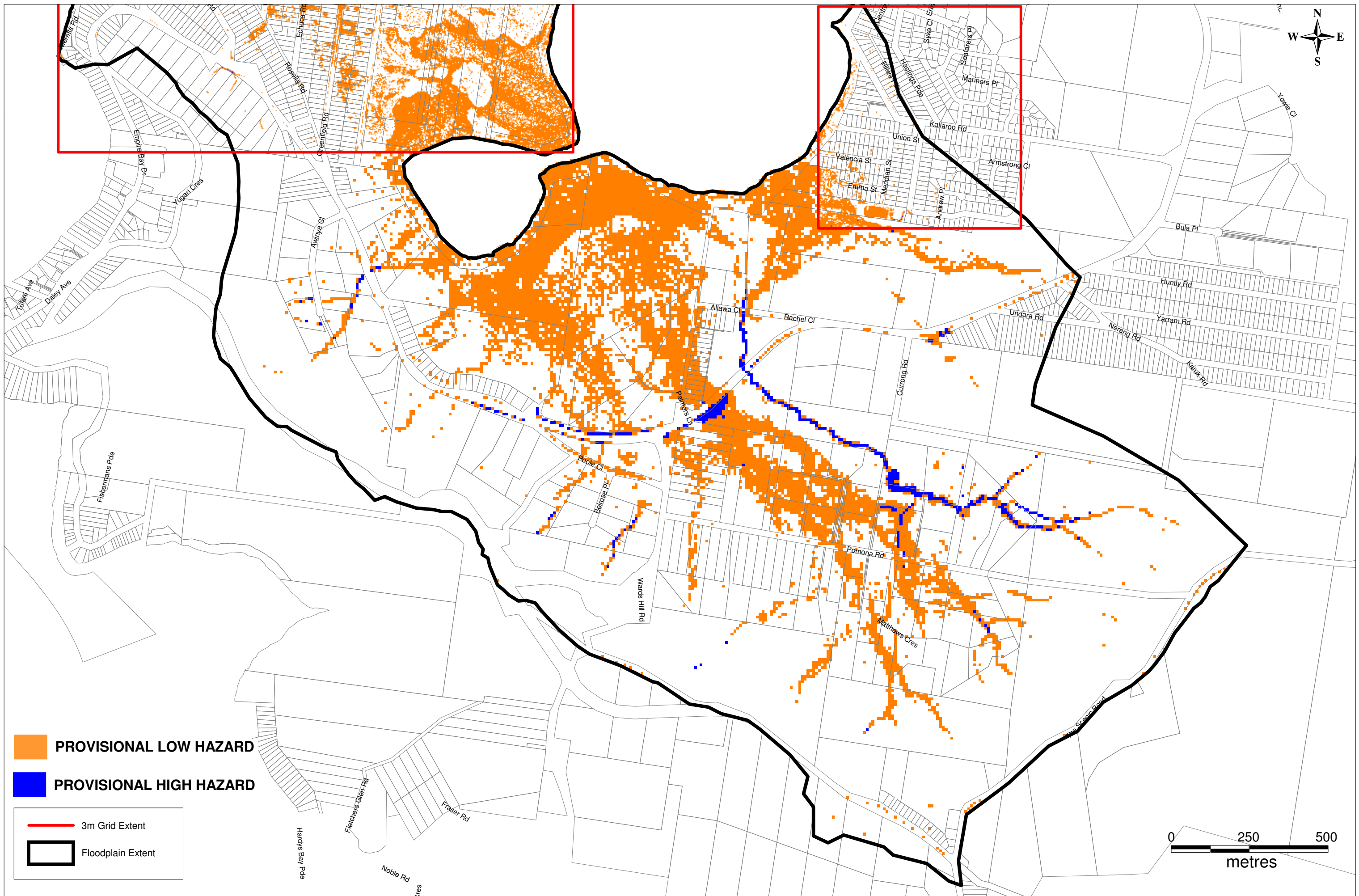


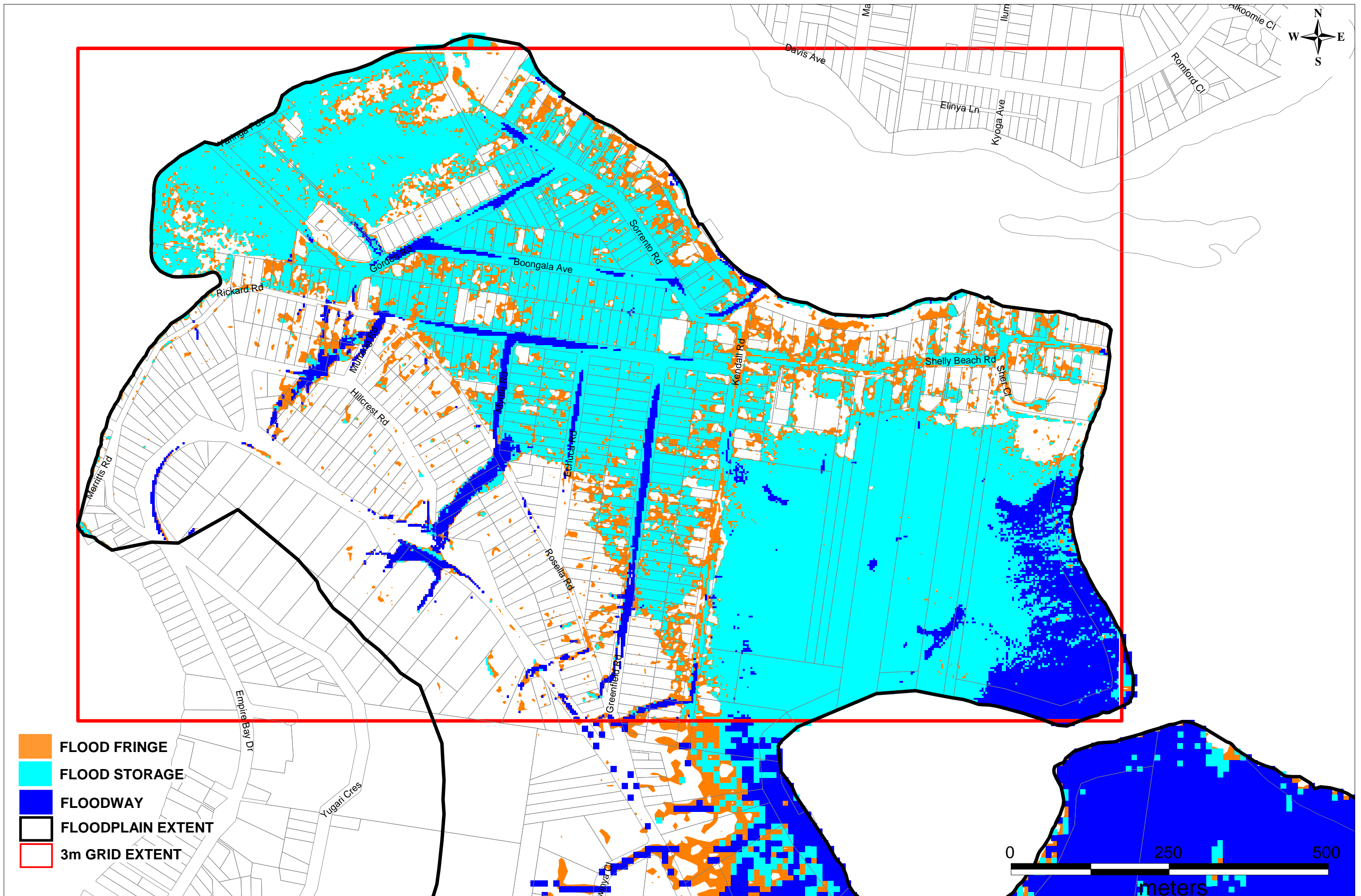


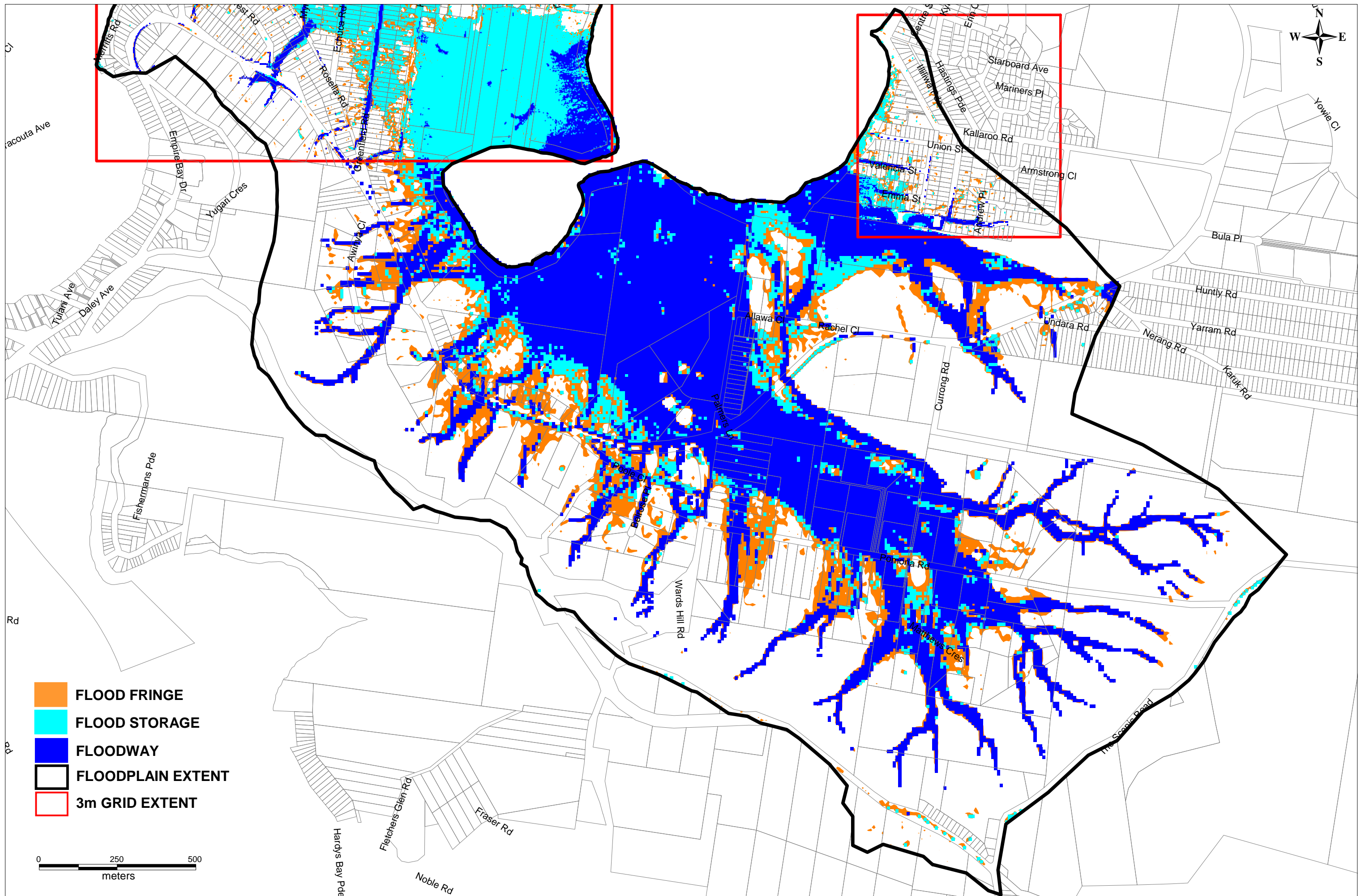
PROVISIONAL LOW HAZARD
 PROVISIONAL HIGH HAZARD

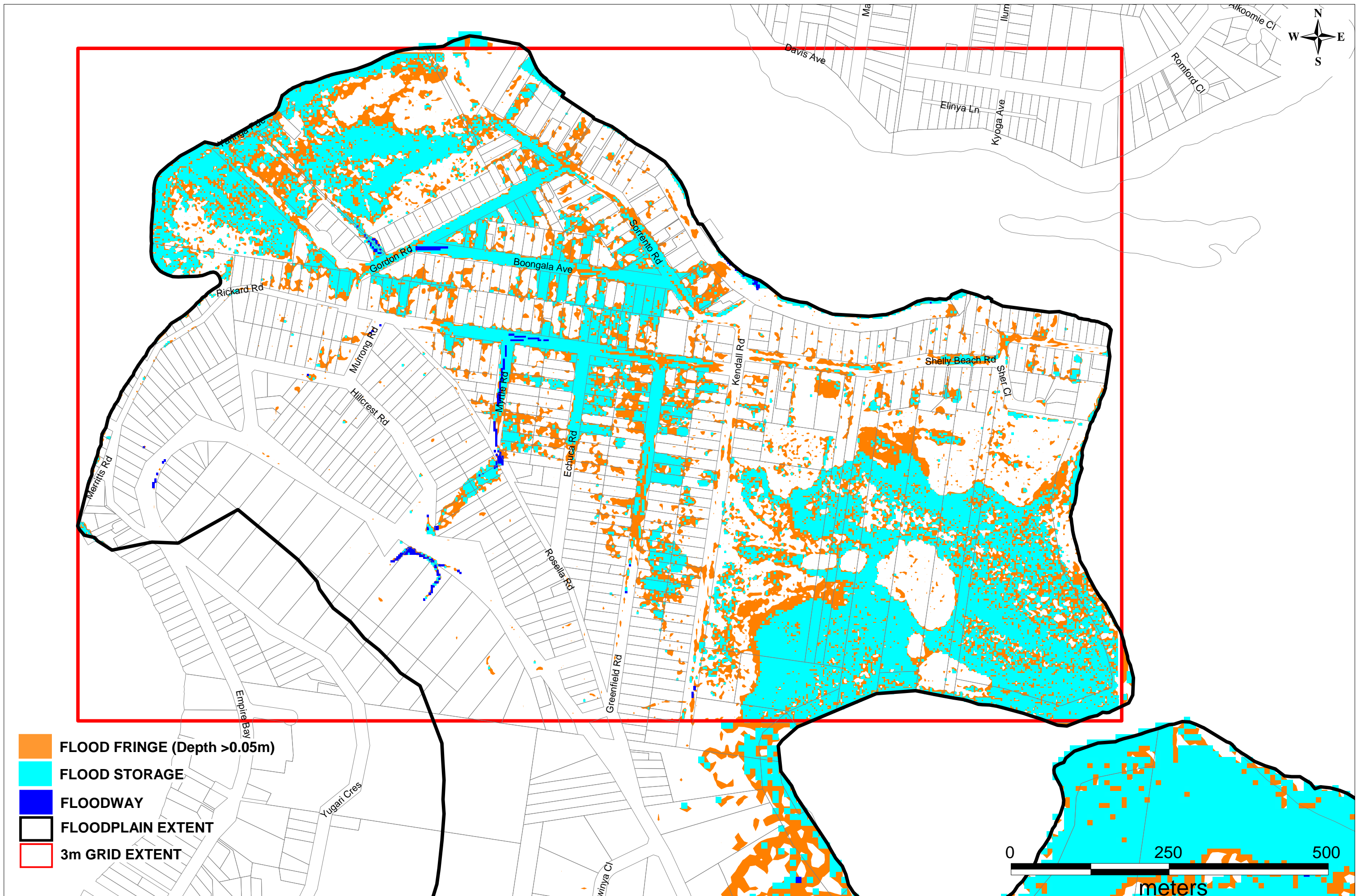
3m Grid Extent
 Floodplain Extent

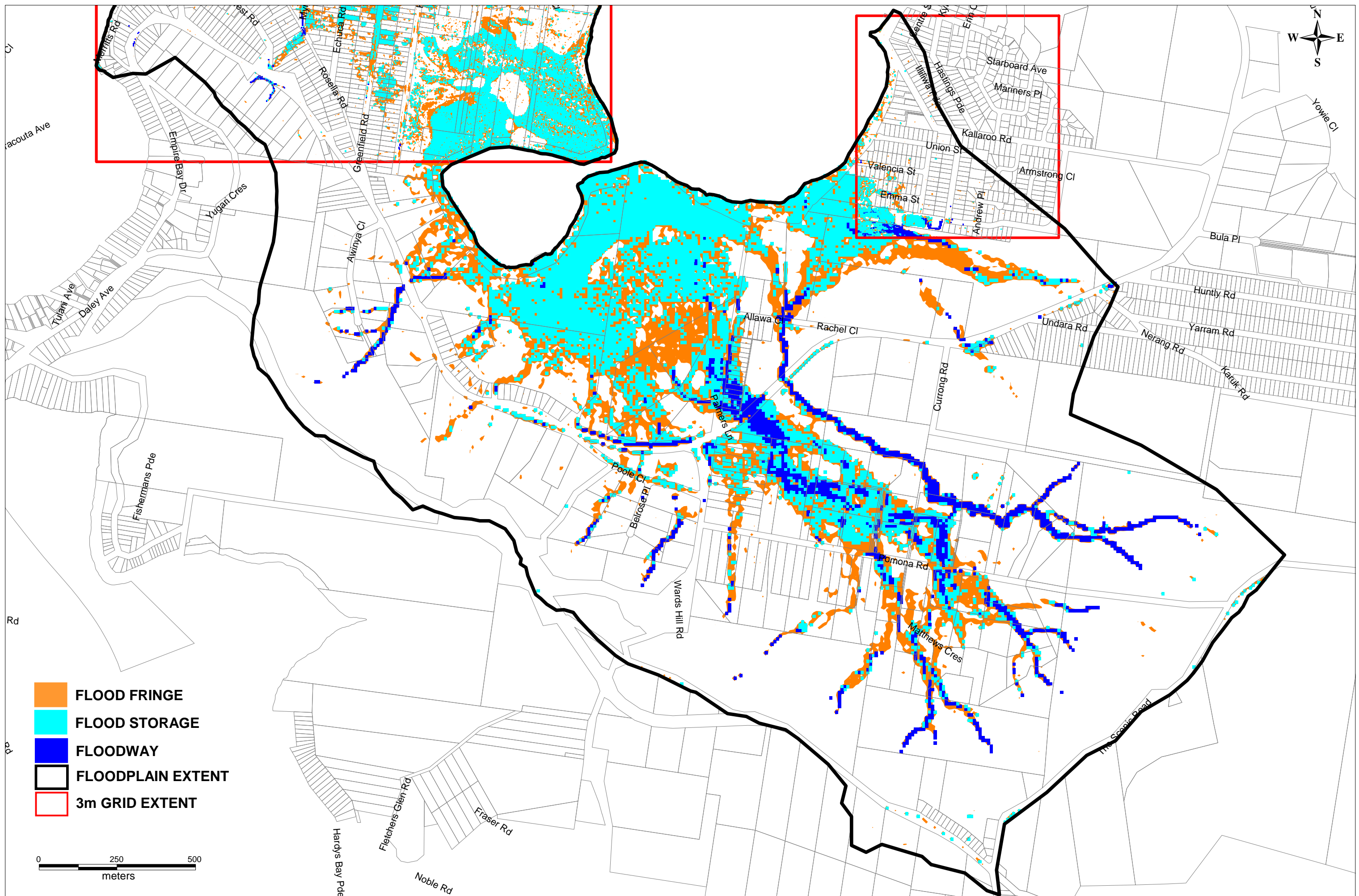
0 125 250
metres

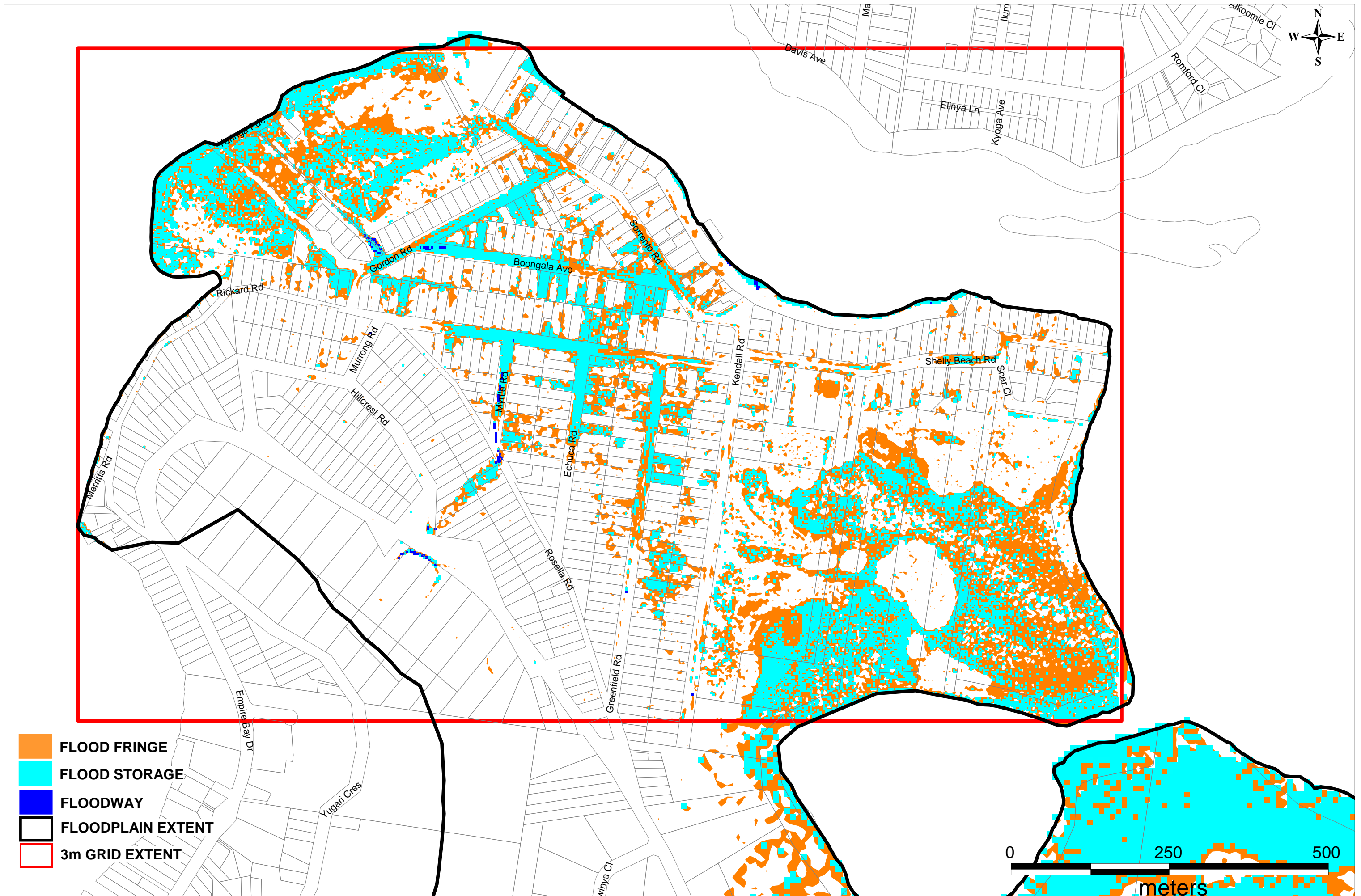












- FLOOD FRINGE
- FLOOD STORAGE
- FLOODWAY
- FLOODPLAIN EXTENT
- 3m GRID EXTENT

