



**LEGEND:**

□ Shire



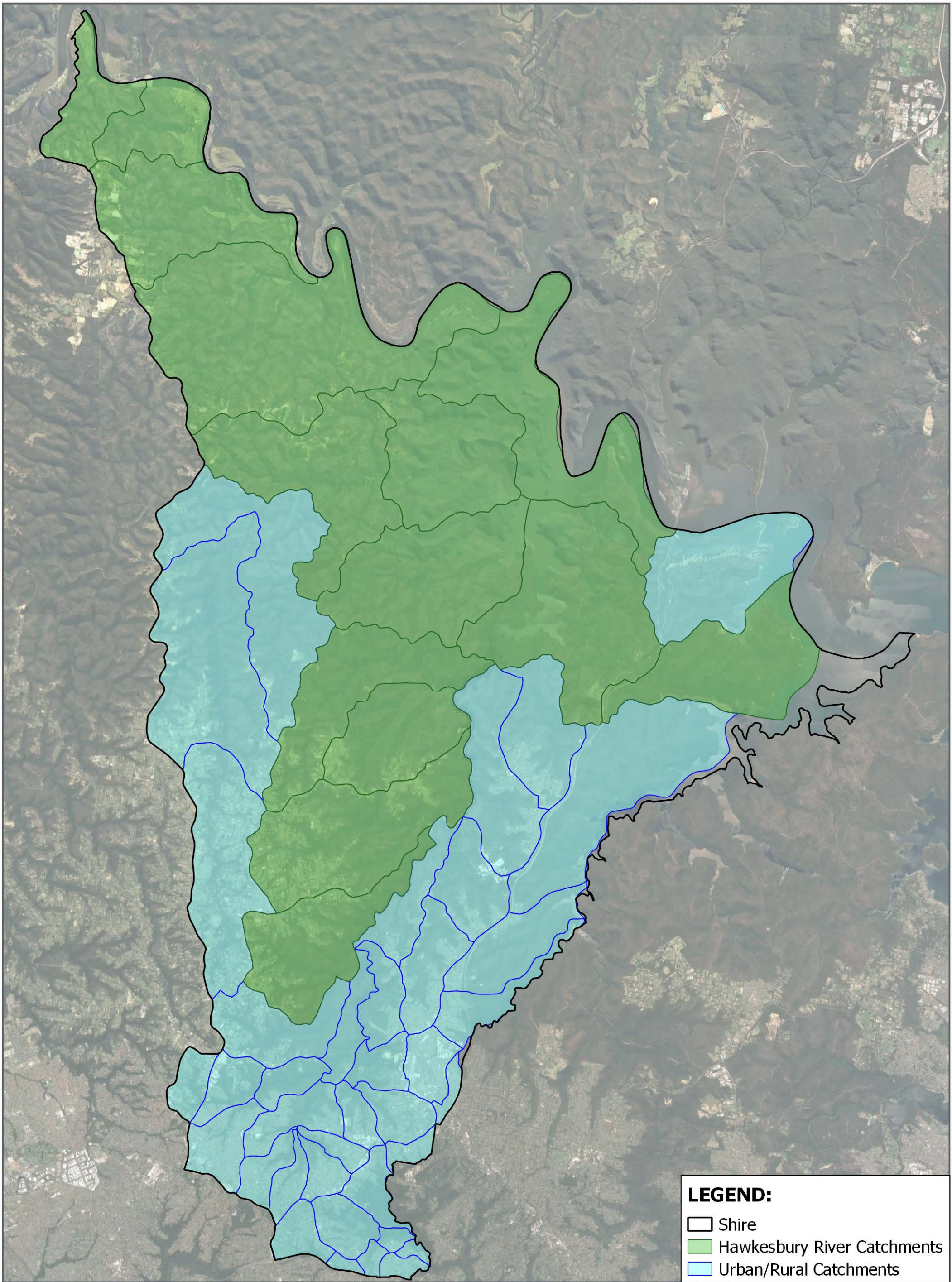
Figure 1-1  
1:110,000 Scale at A3  
km  
0 2.5 5

**Hornsby Floodplain Risk Management  
Study and Plan  
Hornsby LGA**



**Cardno**  
Map Produced by National Water & Environment (Water)  
Date: 2021-3-22 | Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>





**LEGEND:**

- Shire
- Hawkesbury River Catchments
- Urban/Rural Catchments



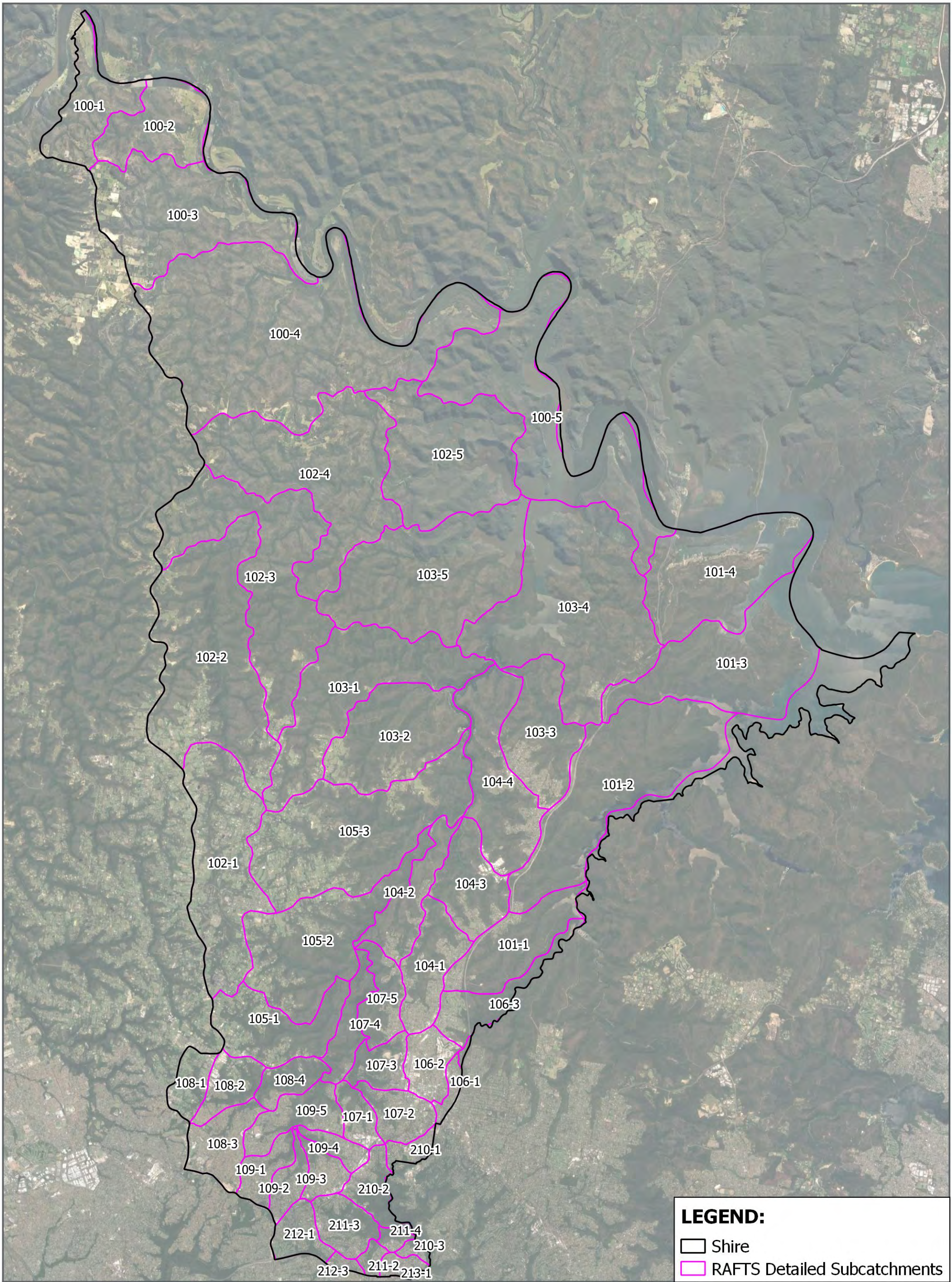
Figure 2-1  
1:110,000 Scale at A3  
km  
0 2.5 5

**Hornsby Floodplain Risk Management  
Study and Plan**  
Hornsby Shire Broad Catchments



Map Produced by National Water & Environment (Water)  
Date: 2021-3-22 | Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>





**LEGEND:**

- Shire
- RAFTS Detailed Subcatchments



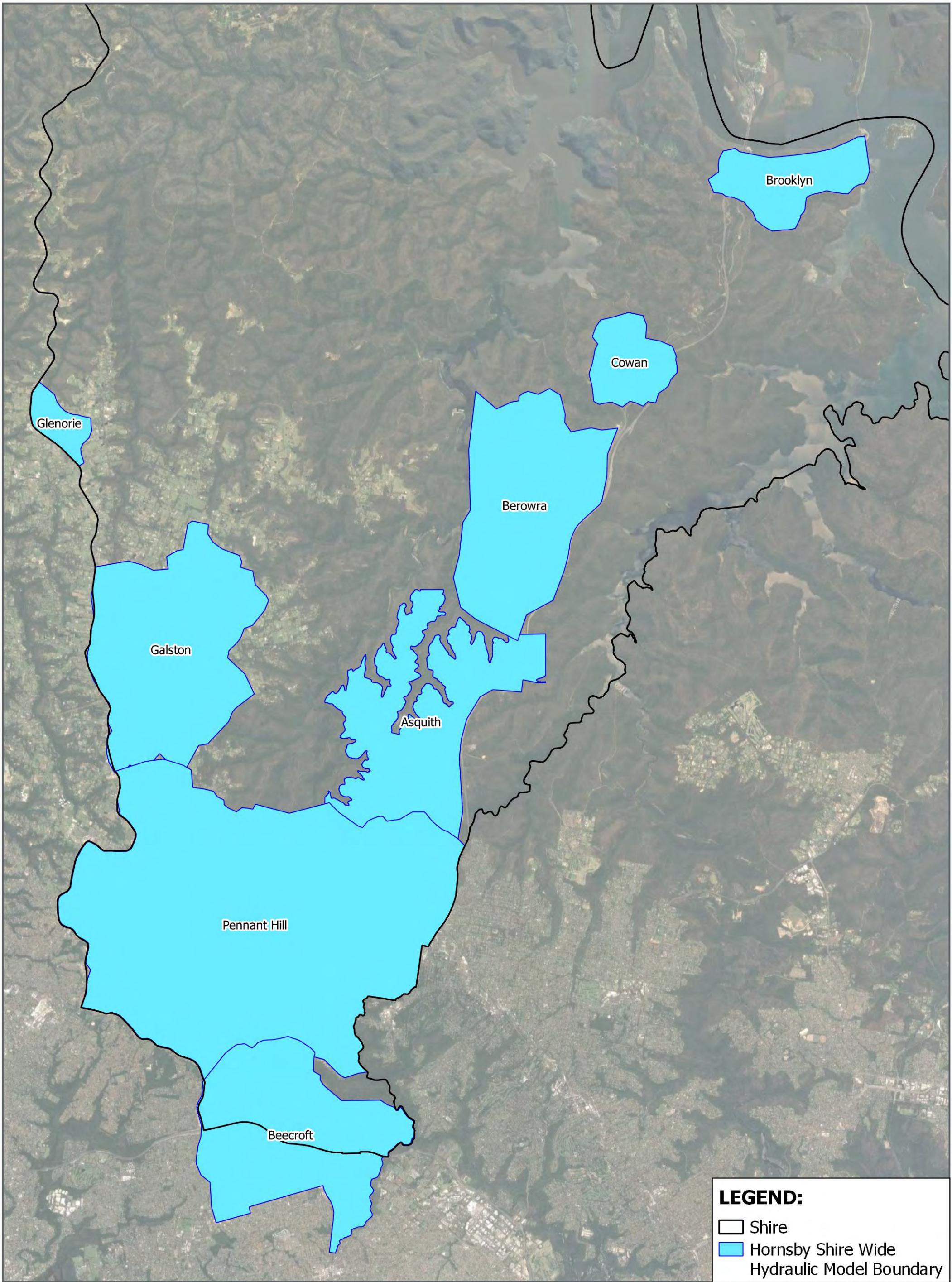
Figure 2-2  
1:110,000 Scale at A3  
km  
0 2.5 5

**Hornsby Floodplain Risk Management  
Study and Plan  
Hornsby Shire Detailed  
Catchments**

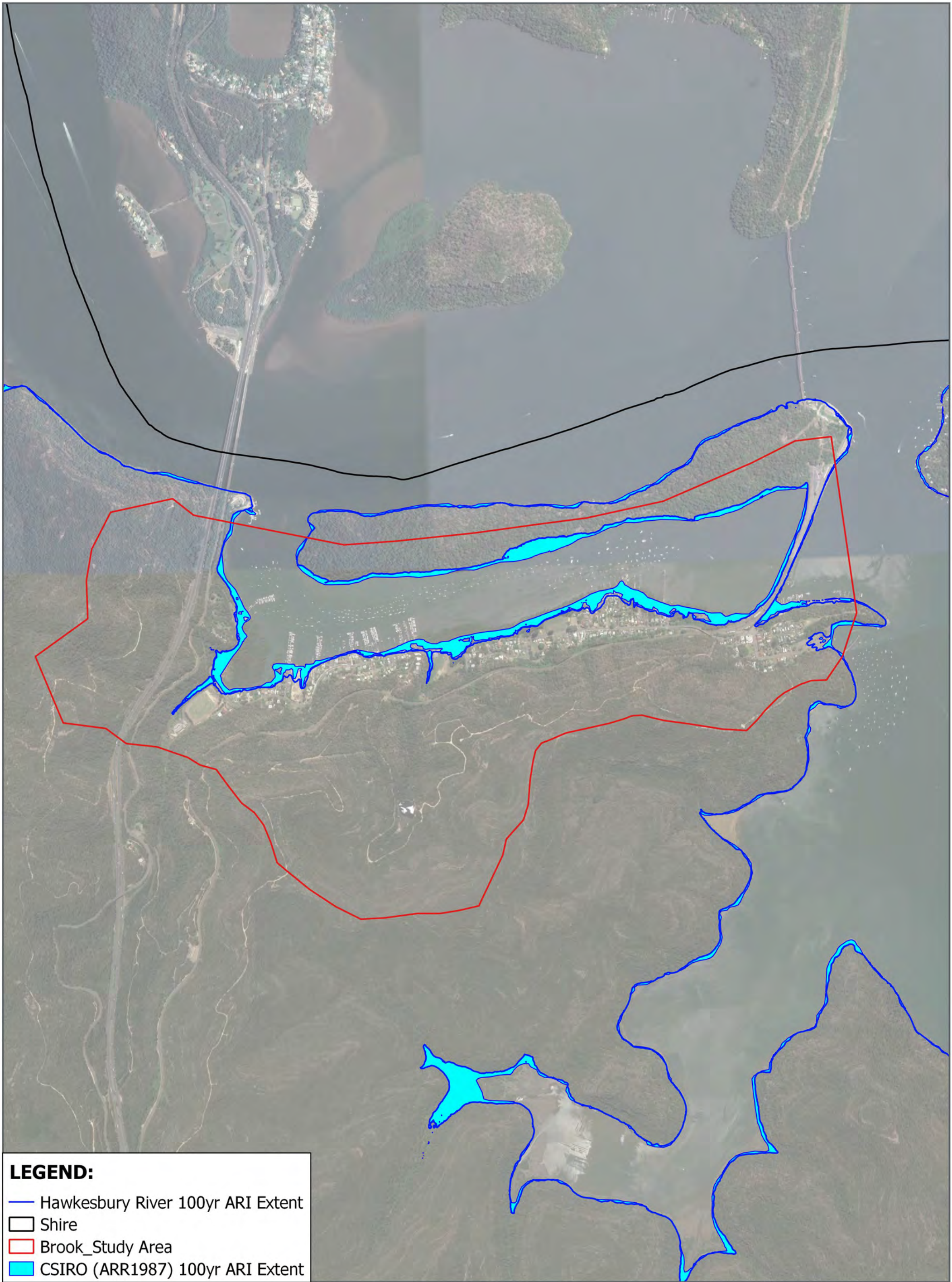


**Cardno**  
Map Produced by National Water & Environment (Water)  
Date: 2021-3-22 | Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>









**LEGEND:**

- Hawkesbury River 100yr ARI Extent
- Shire
- Brook\_Study Area
- CSIRO (ARR1987) 100yr ARI Extent



**HORNSBY**  
SHIRE COUNCIL


Figure 3-2  
1:17,000 Scale at A3

m


0 250 500

# Hornsby Floodplain Risk Management Study and Plan

## Comparison of Flood Extents



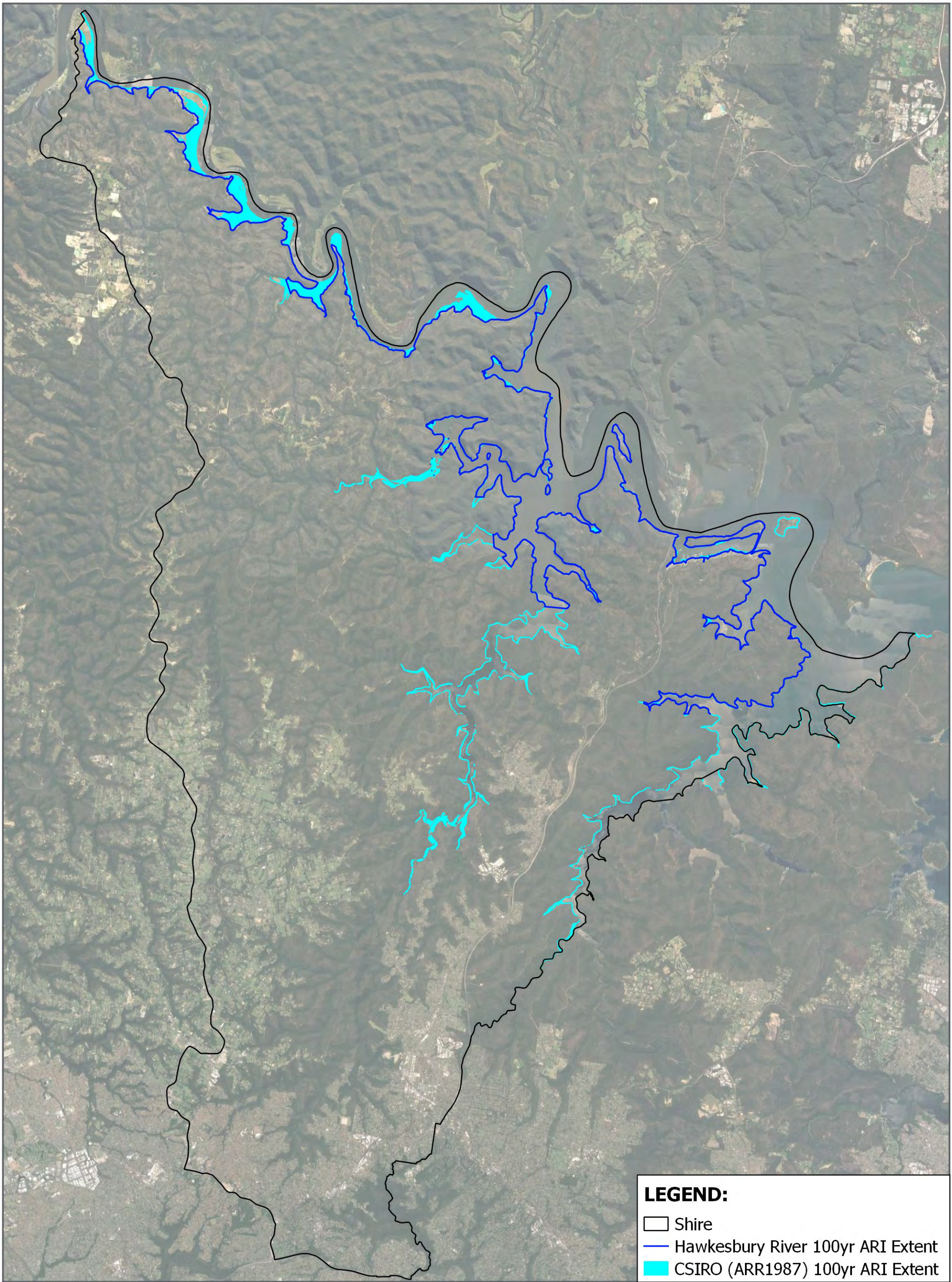
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**Cardno**

Map Produced by National Water & Environment (Water)  
Date: 2021-3-22| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>





**LEGEND:**

- Shire
- Hawkesbury River 100yr ARI Extent
- CSIRO (ARR1987) 100yr ARI Extent



Figure 3-3  
1:110,000 Scale at A3  
km

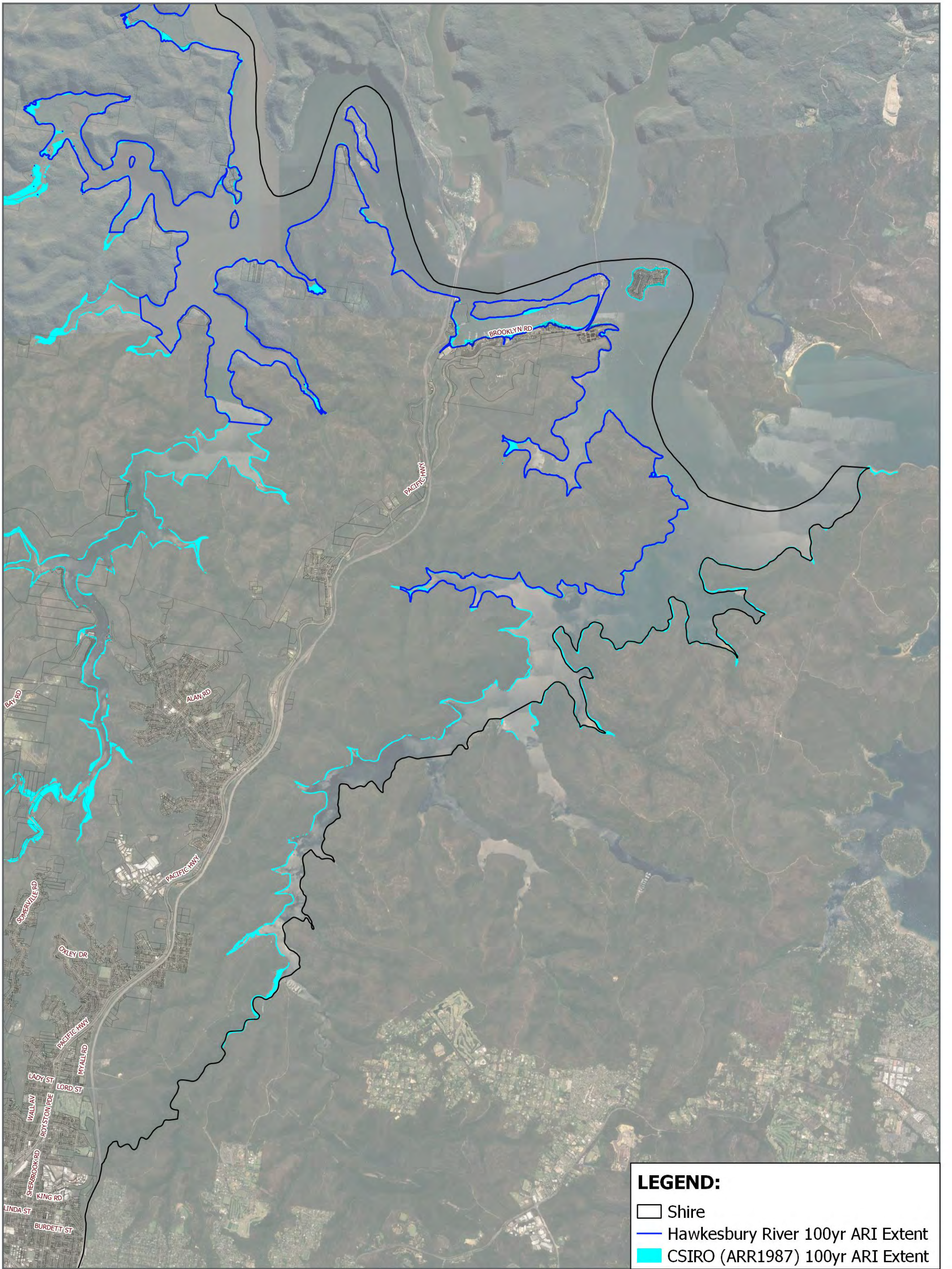
0 2.5 5

**Hornsby Floodplain Risk Management  
Study and Plan**  
Comparison of 1% AEP Flood Extents  
Overall Figure



Map Produced by National Water & Environment (Water)  
Date: 2021-3-23| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>





**LEGEND:**

- Shire
- Hawkesbury River 100yr ARI Extent
- CSIRO (ARR1987) 100yr ARI Extent



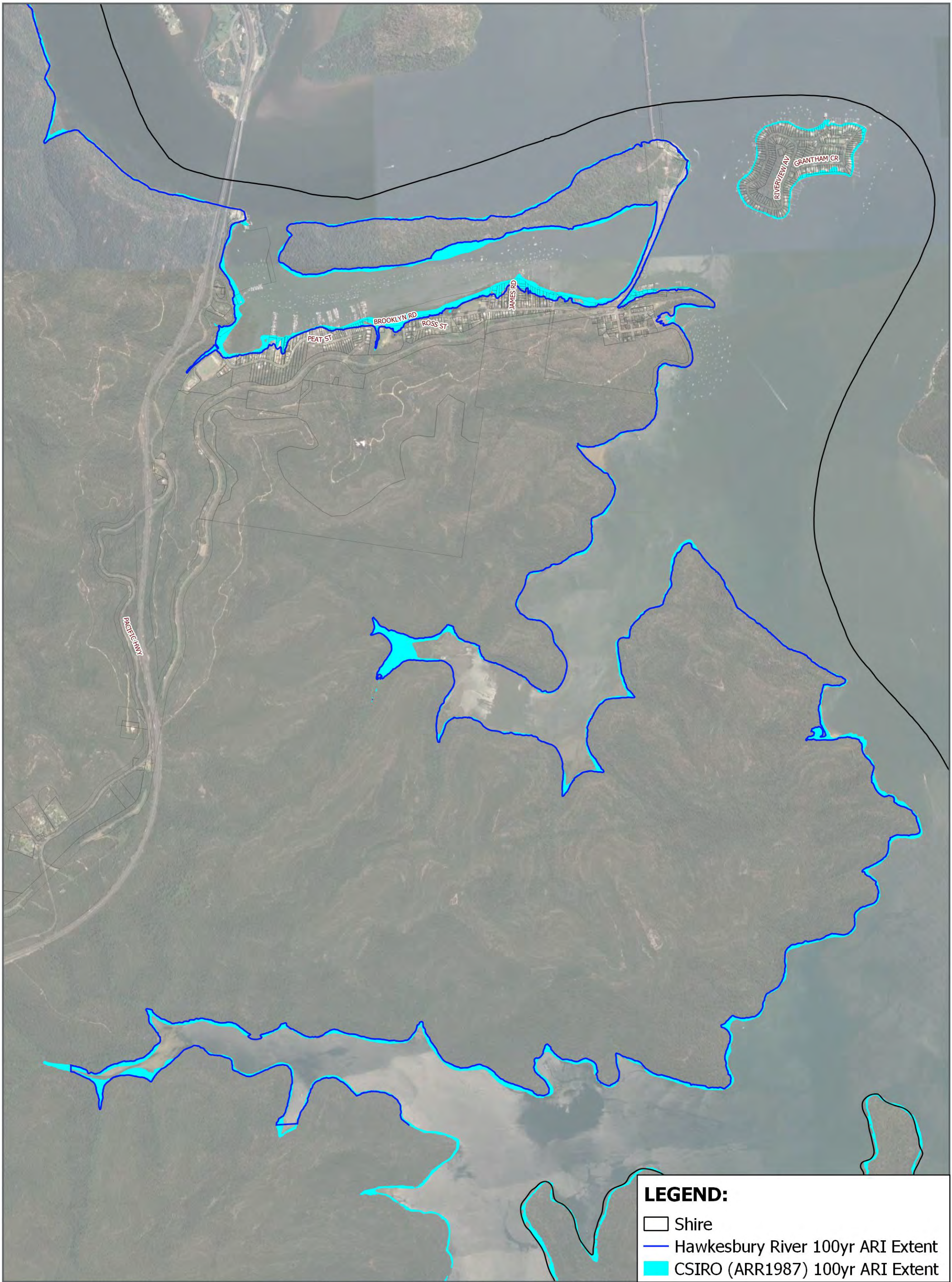
Figure 3-3  
1:66,000 Scale at A3  
km  
0 1 2 km

**Hornsby Floodplain Risk Management  
Study and Plan  
Comparison of 1% AEP Flood Extents  
Sheet 1**



**Cardno**  
Map Produced by National Water & Environment (Water)  
Date: 2021-3-23 | Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>



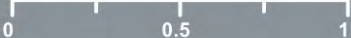


**LEGEND:**

- Shire
- Hawkesbury River 100yr ARI Extent
- CSIRO (ARR1987) 100yr ARI Extent



Figure 3-3  
1:23,000 Scale at A3  
km

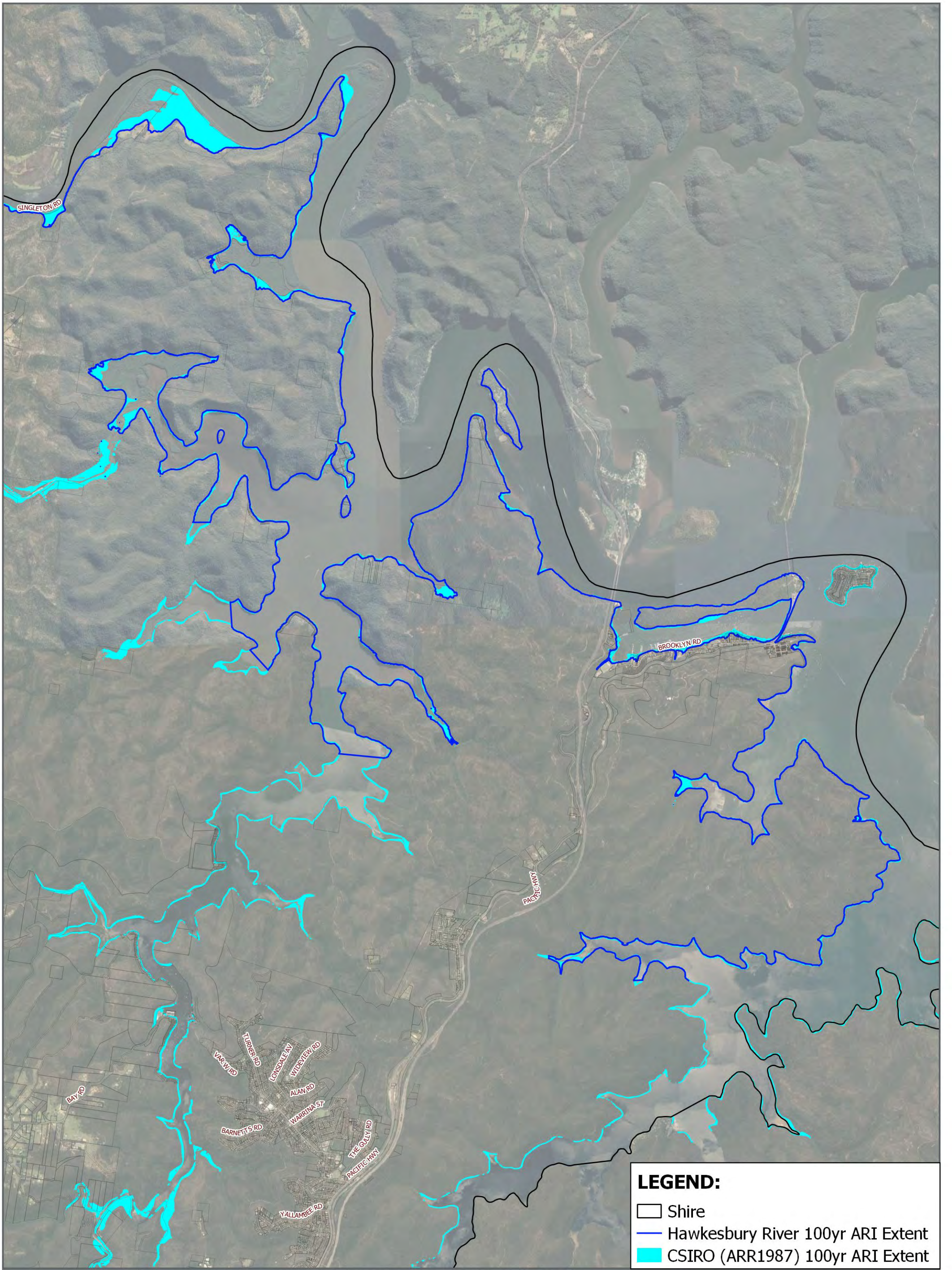


**Hornsby Floodplain Risk Management  
Study and Plan**  
Comparison of 1% AEP Flood Extents  
Sheet 2



Map Produced by National Water & Environment (Water)  
Date: 2021-3-23| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs: <REV 1>





**LEGEND:**





-  Shire
-  Hawkesbury River 100yr ARI Extent
-  CSIRO (ARR1987) 100yr ARI Extent



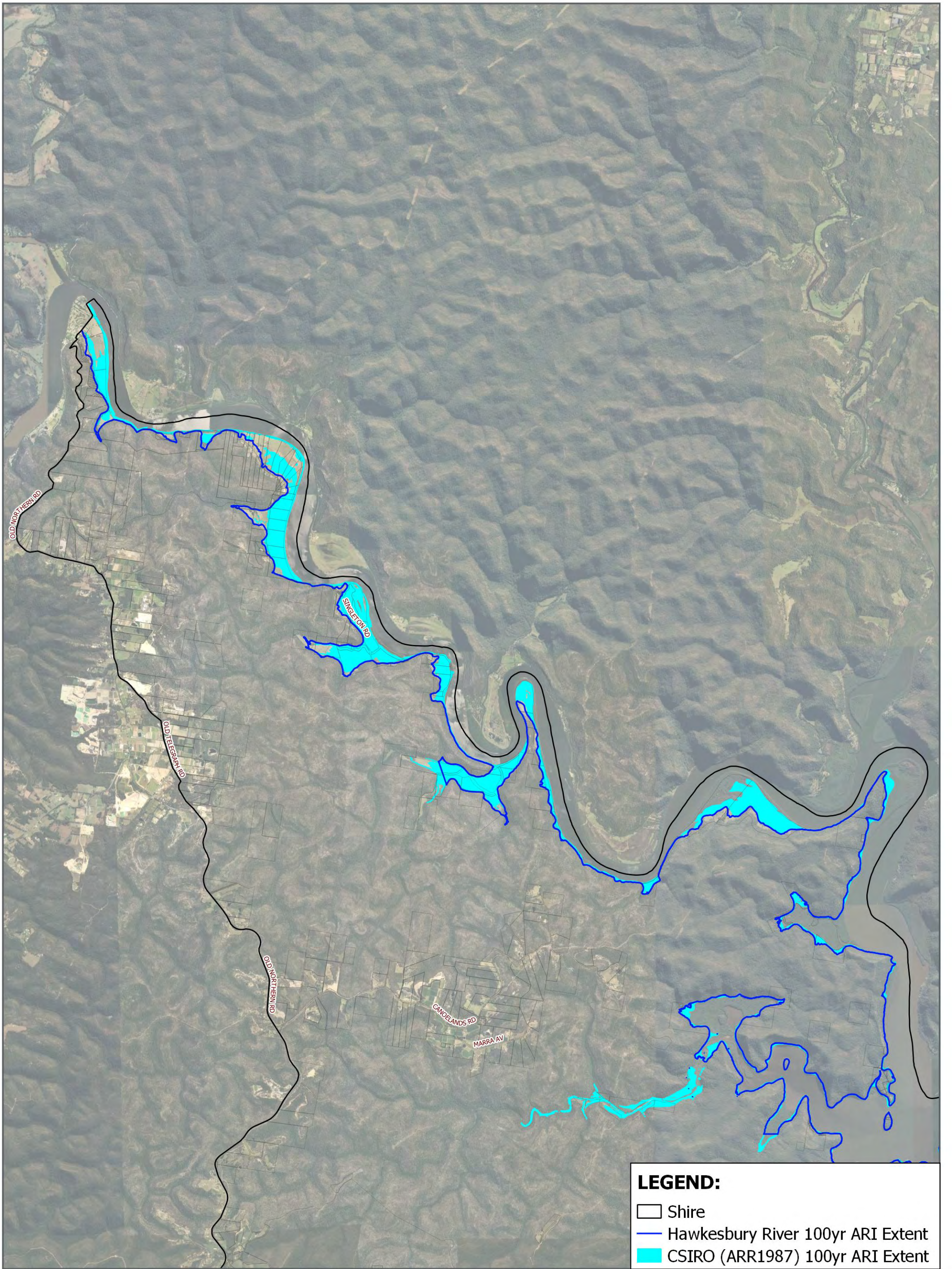
Figure 3-3  
1:54,000 Scale at A3  
km  
0 1 2

**Hornsby Floodplain Risk Management  
Study and Plan  
Comparison of 1% AEP Flood Extents  
Sheet 3**



  
Map Produced by National Water & Environment (Water)  
Date: 2021-3-23 | Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>

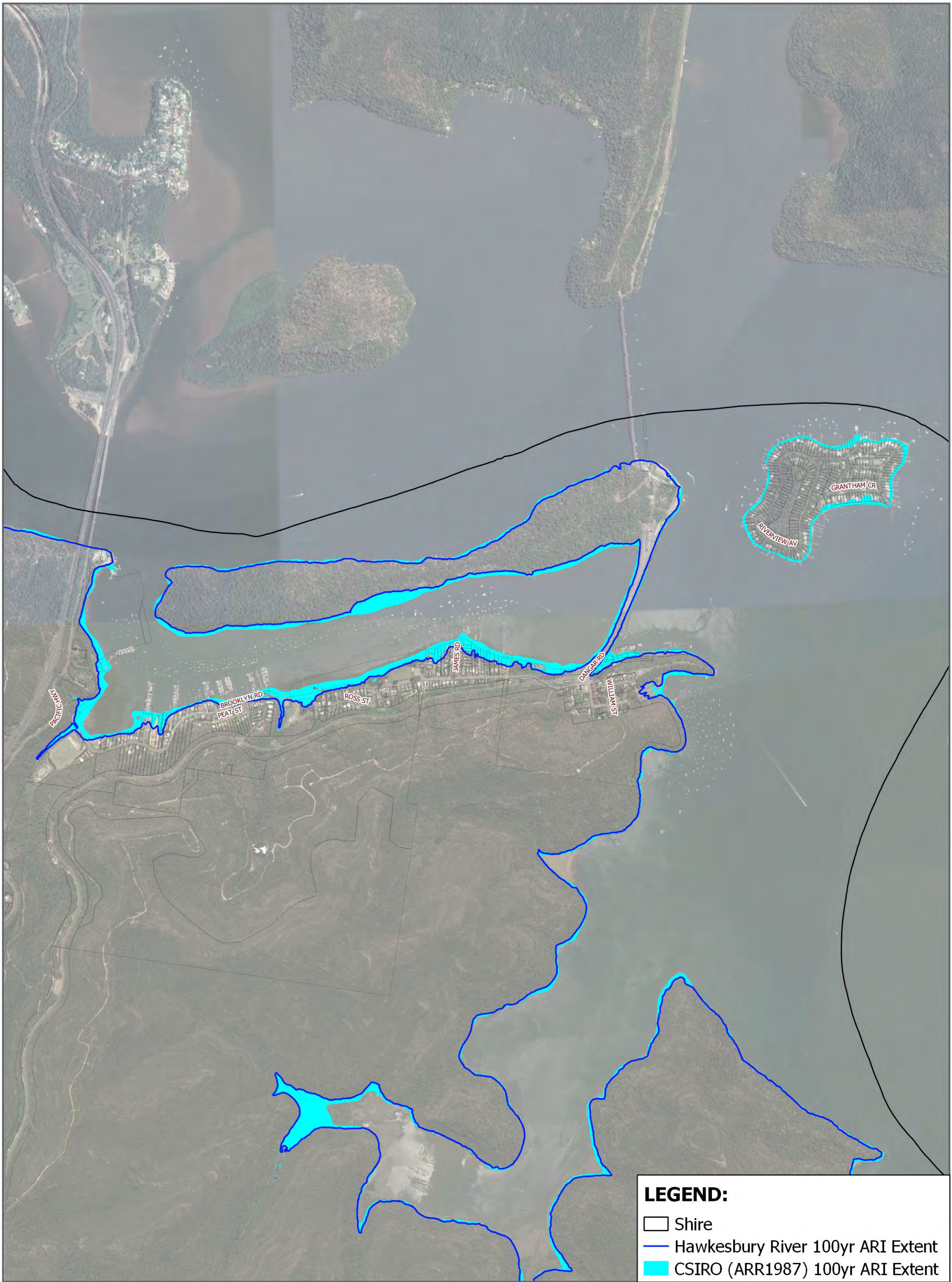




**LEGEND:**

- Shire
- Hawkesbury River 100yr ARI Extent
- CSIRO (ARR1987) 100yr ARI Extent





**LEGEND:**




-  Shire
-  Hawkesbury River 100yr ARI Extent
-  CSIRO (ARR1987) 100yr ARI Extent



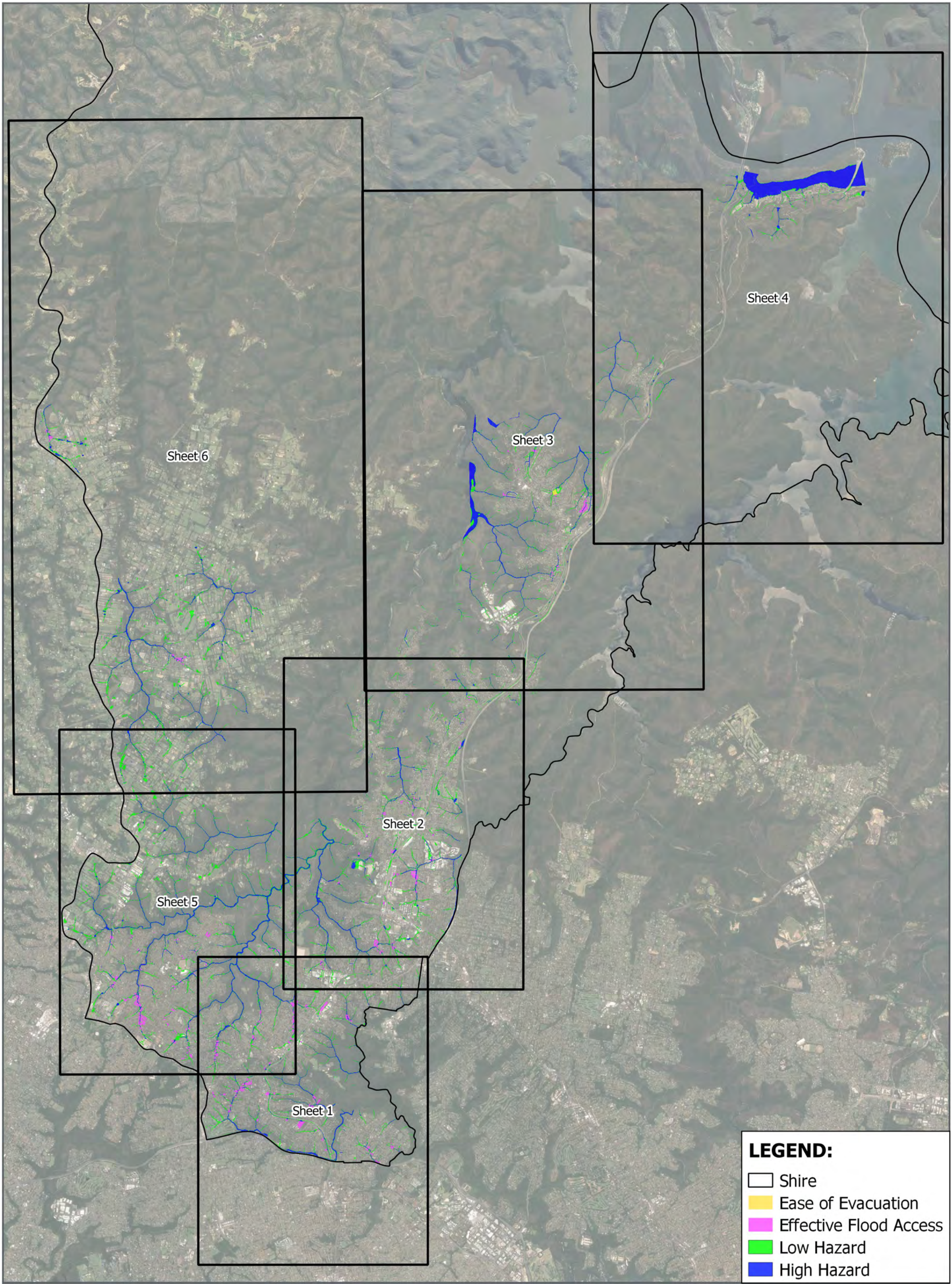
Figure 3-3  
1:18,000 Scale at A3  
km  
0 0.25 0.5

**Hornsby Floodplain Risk Management  
Study and Plan**  
Comparison of 1% AEP Flood Extents  
Sheet 5



**Cardno**  
Map Produced by National Water & Environment (Water)  
Date: 2021-3-23 | Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs qgz <REV 1>





**LEGEND:**

- Shire
- Ease of Evacuation
- Effective Flood Access
- Low Hazard
- High Hazard



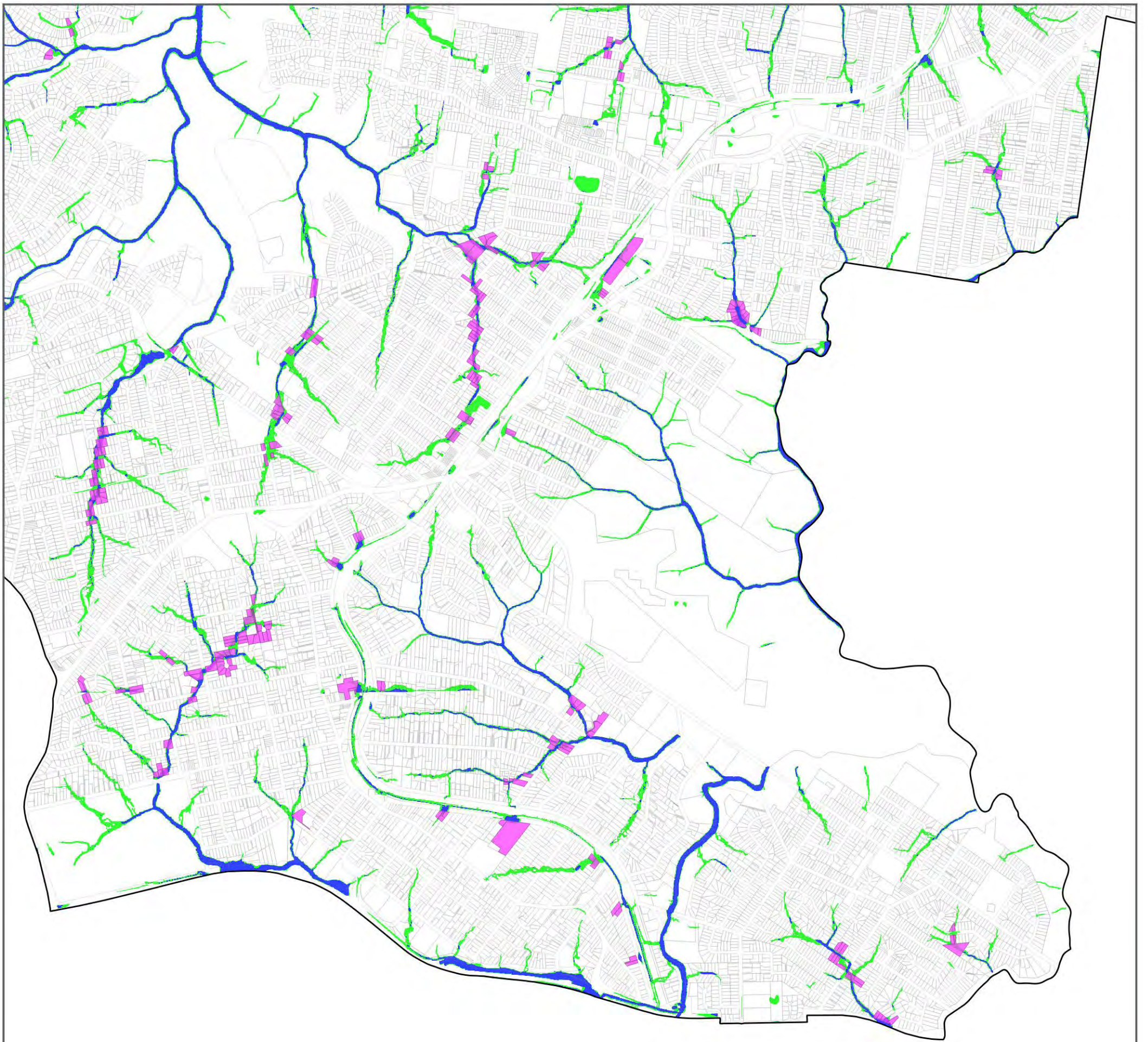
Figure 5-1  
1:86,000 Scale at A3  
km  
0 1 2 km

**Hornsby Floodplain Risk Management  
Study and Plan**  
1% AEP True HazardOverall Figure



Map Produced by National Water & Environment (Water)  
Date: 2021-5-25| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>





**LEGEND:**

- Shire
- Effective Flood Access
- Low Hazard
- High Hazard



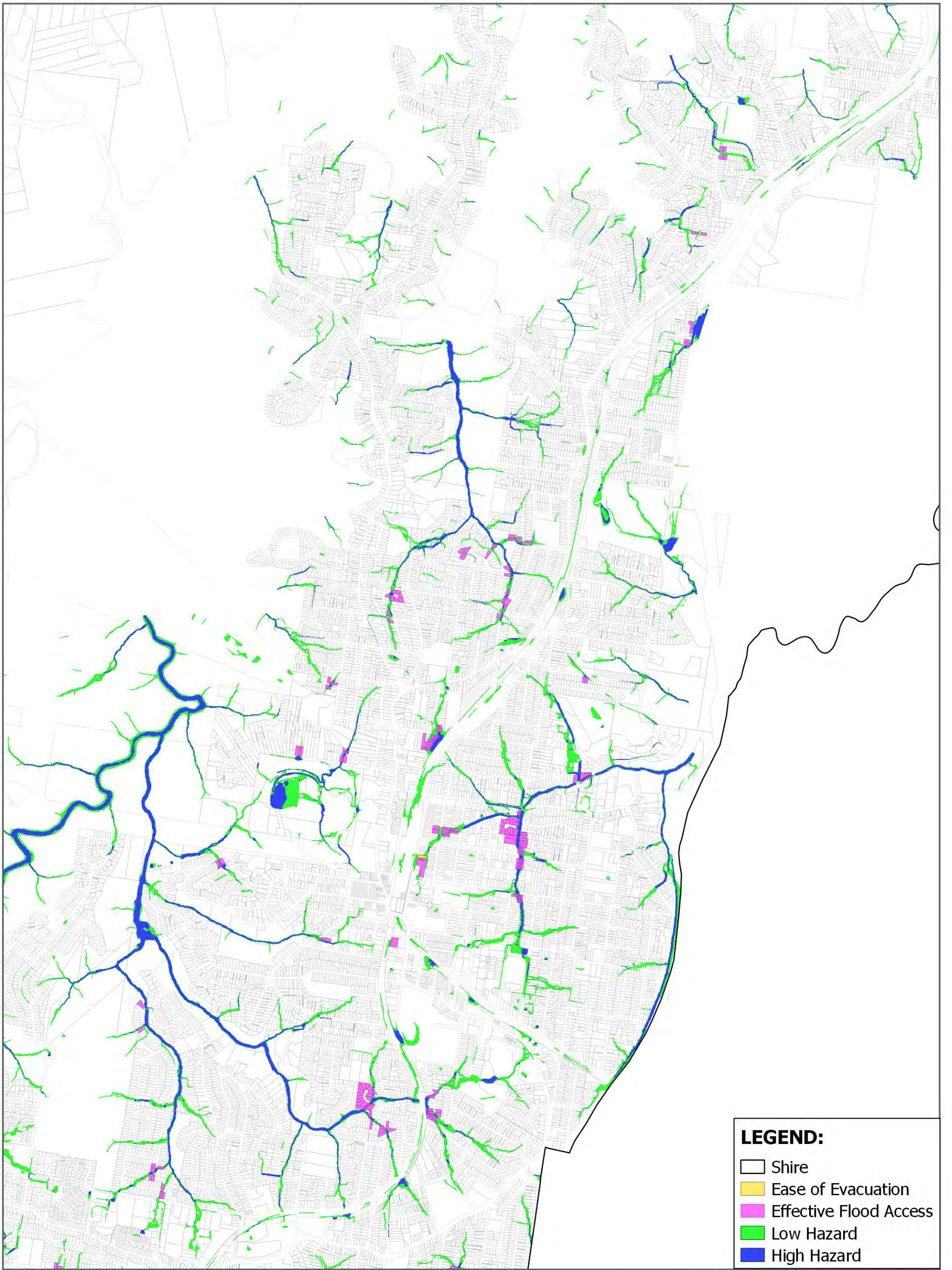
Figure 5-1  
1:21,000 Scale at A3  
km  
0 0.5 km

**Hornsby Floodplain Risk Management  
Study and Plan  
1% AEP True Hazard  
Sheet 1**



Map Produced by National Water & Environment (Water)  
Date: 2021-4-22| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>

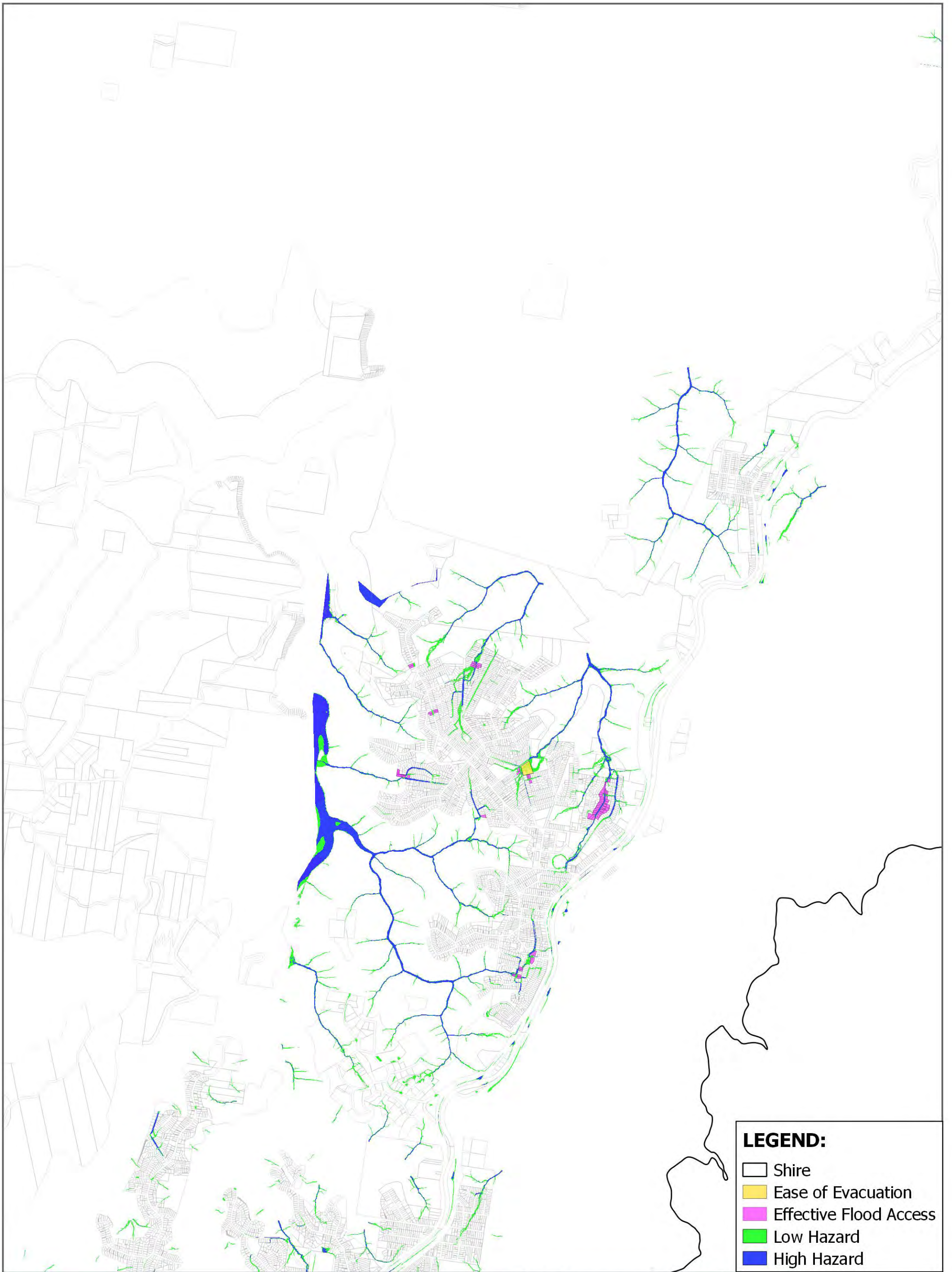




**LEGEND:**

- Shire
- Ease of Evacuation
- Effective Flood Access
- Low Hazard
- High Hazard





# LEGEND:

- Shire
- Ease of Evacuation
- Effective Flood Access
- Low Hazard
- High Hazard



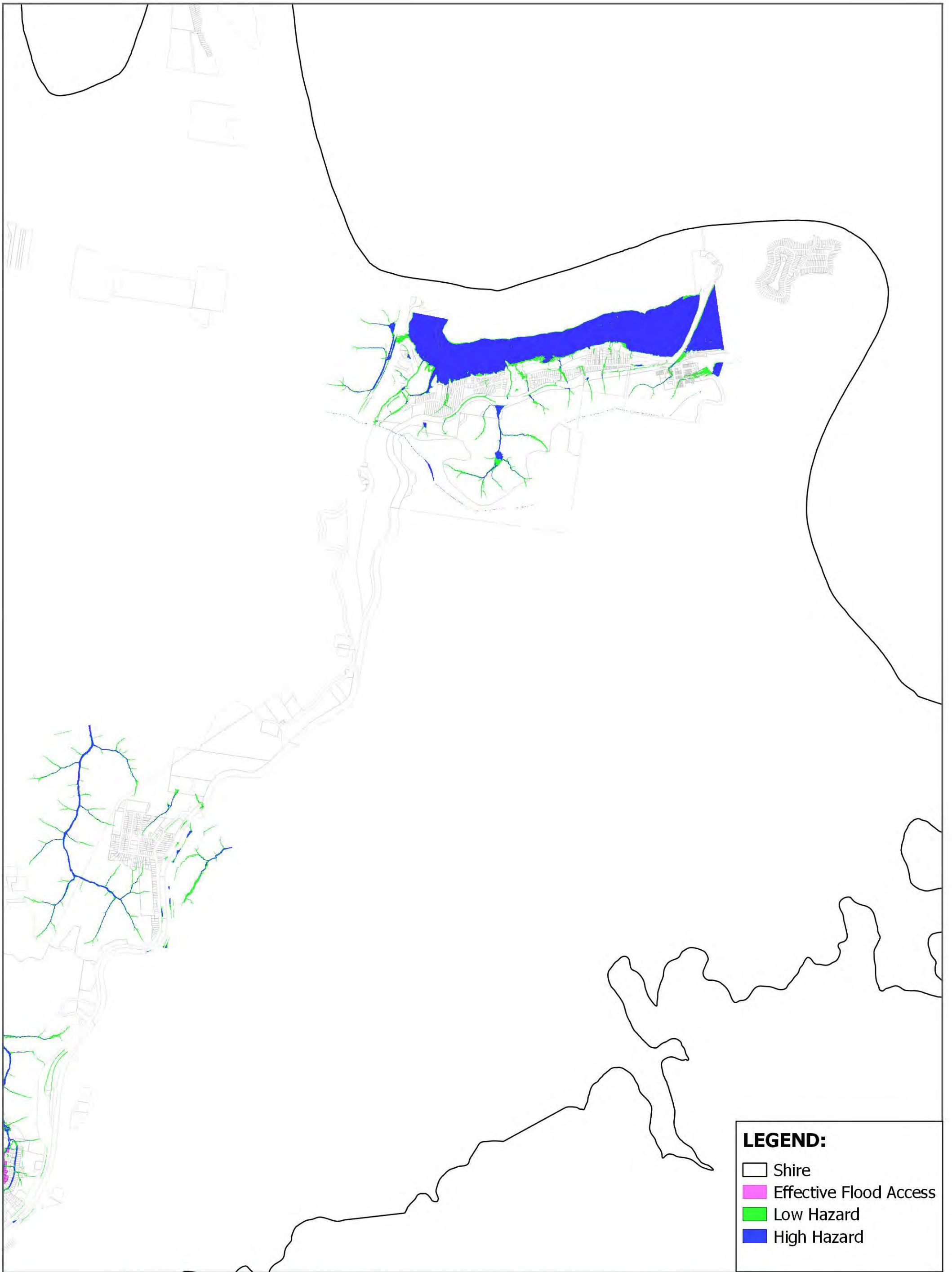
Figure 5-1  
1:34,000 Scale at A3  
km  
0 0.5 km

## Hornsby Floodplain Risk Management Study and Plan 1% AEP True Hazard Sheet 3

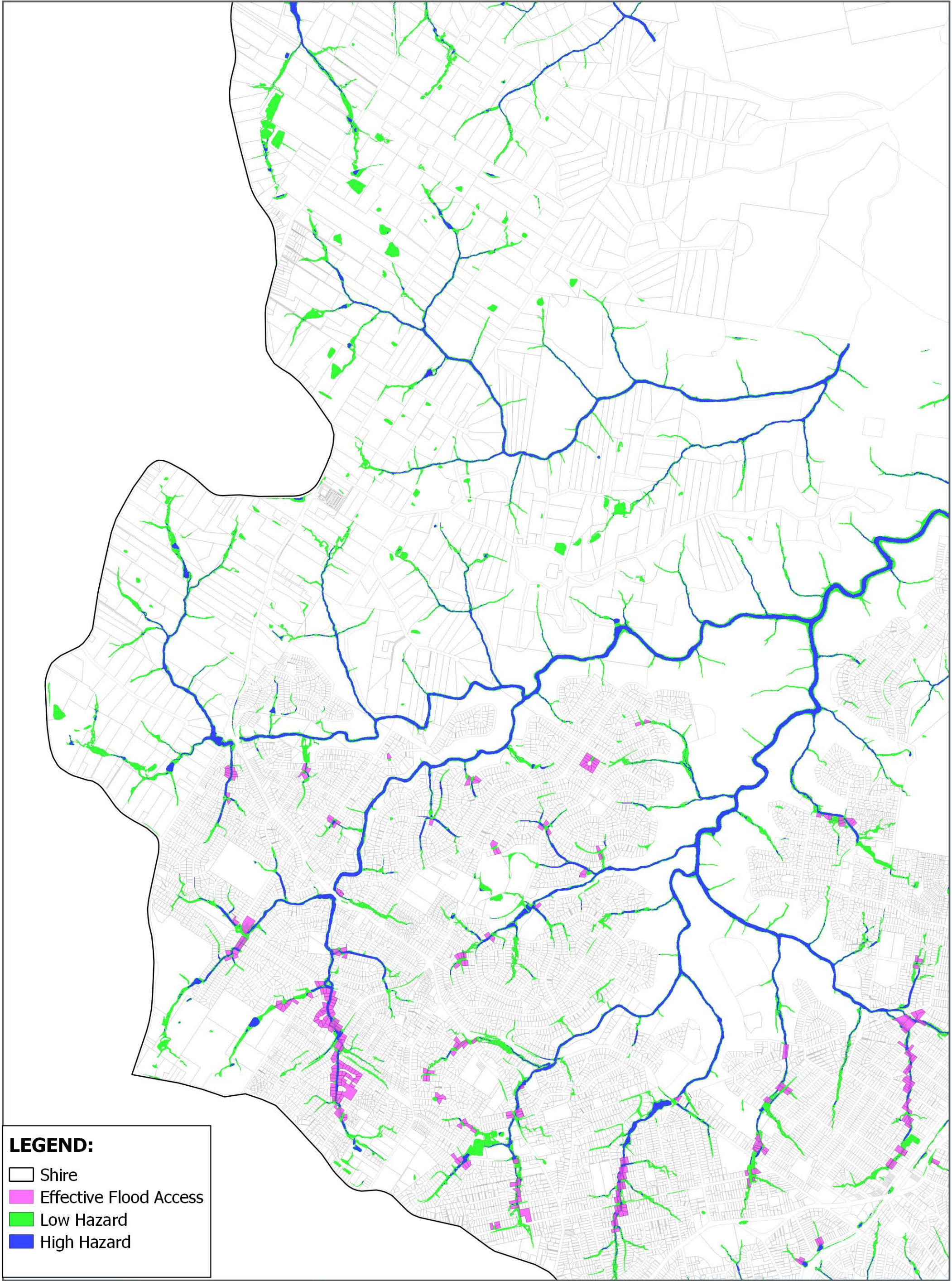


Map Produced by National Water & Environment (Water)  
Date: 2021-4-22| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>





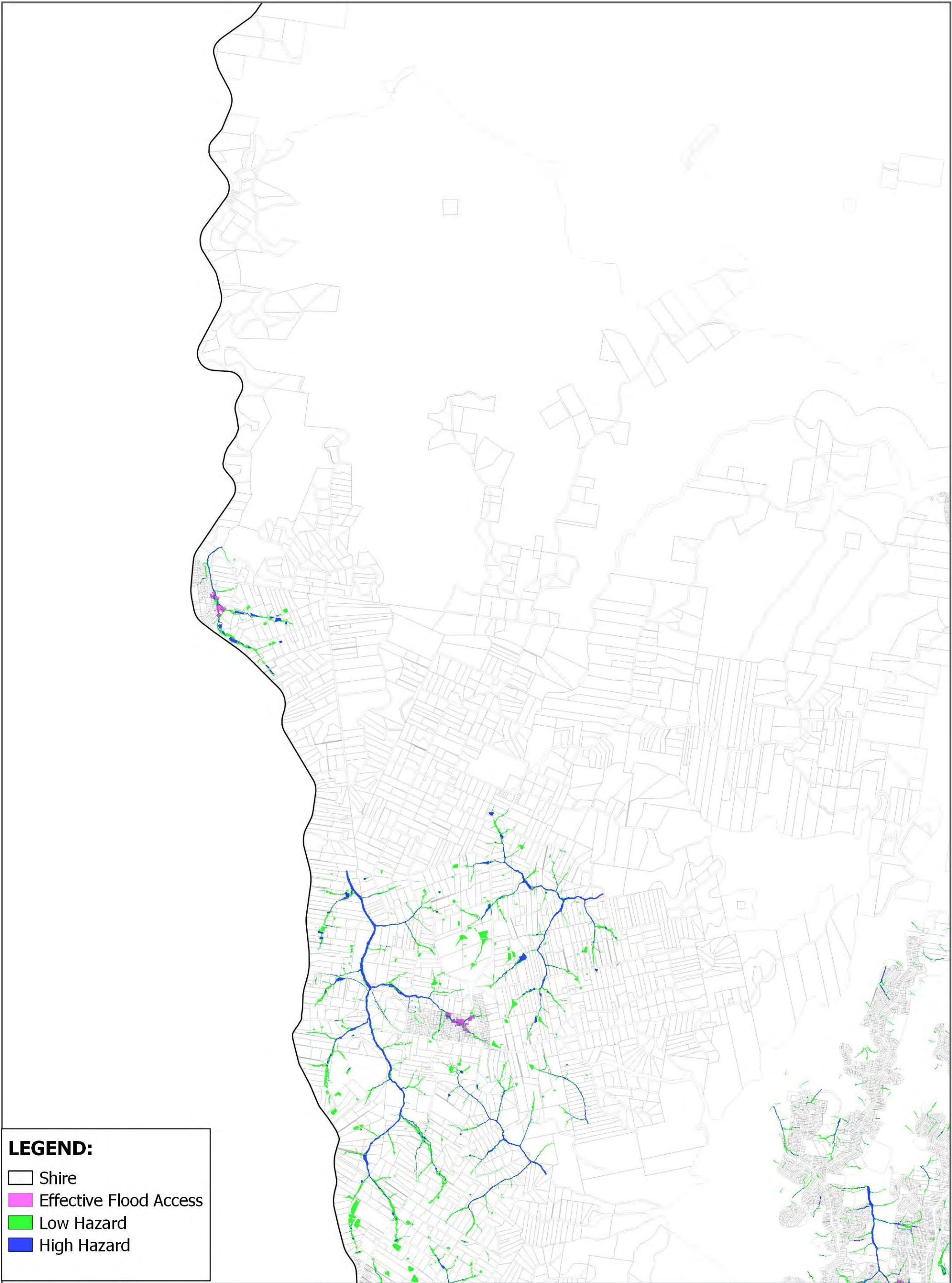




**LEGEND:**

- Shire
- Effective Flood Access
- Low Hazard
- High Hazard

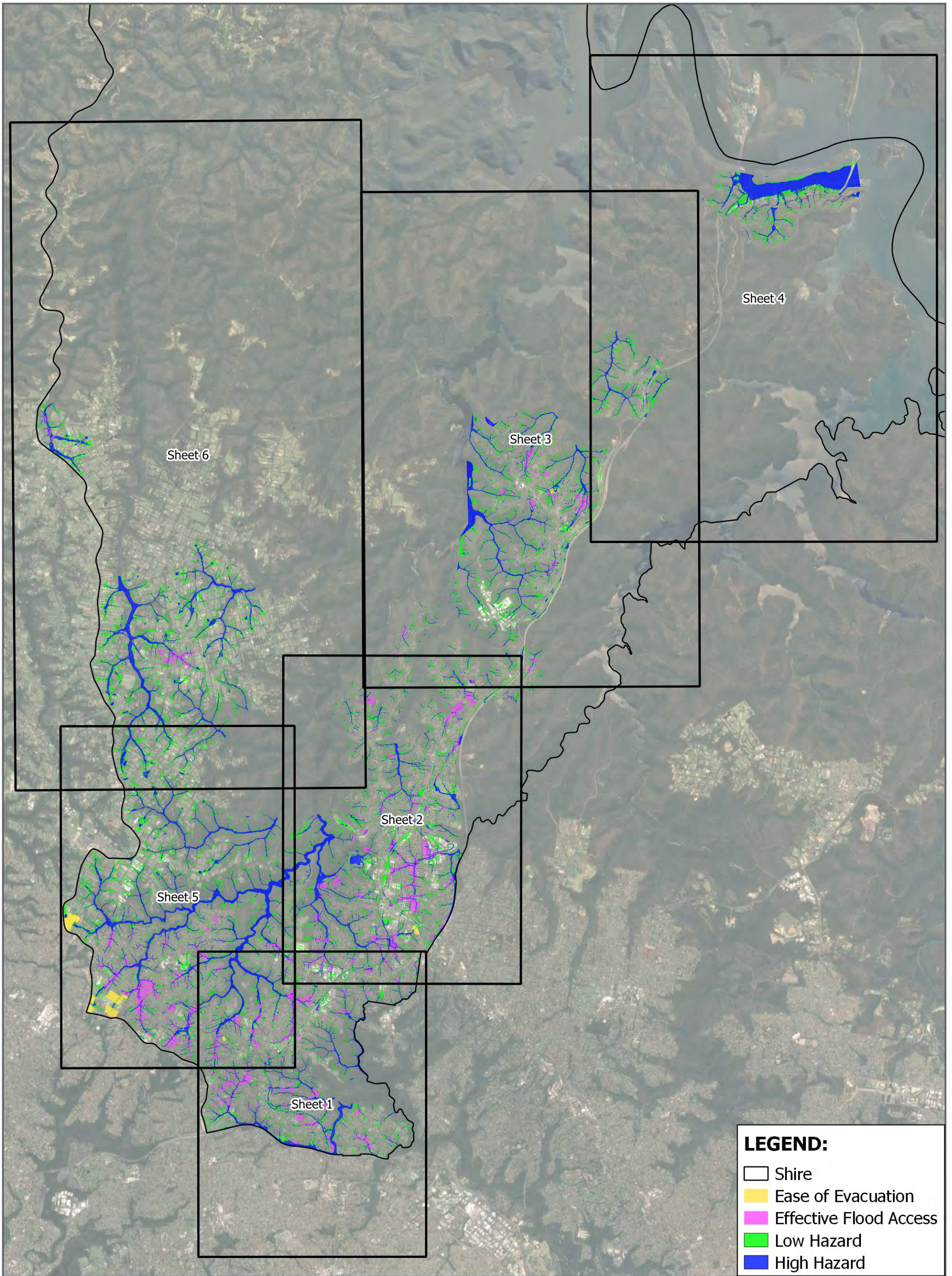




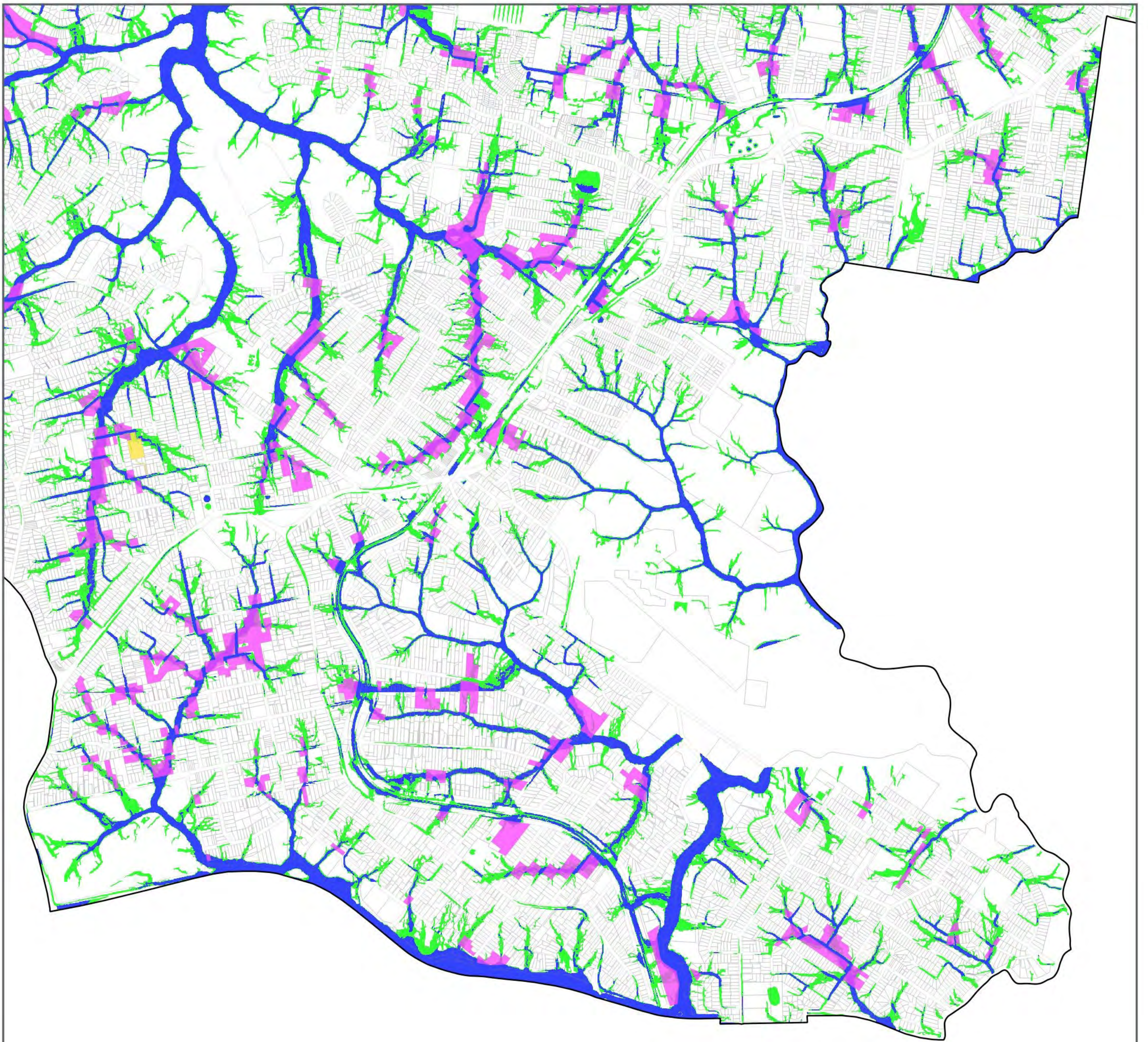
**LEGEND:**

- Shire
- Effective Flood Access
- Low Hazard
- High Hazard









**LEGEND:**

- Shire
- Ease of Evacuation
- Effective Flood Access
- Low Hazard
- High Hazard

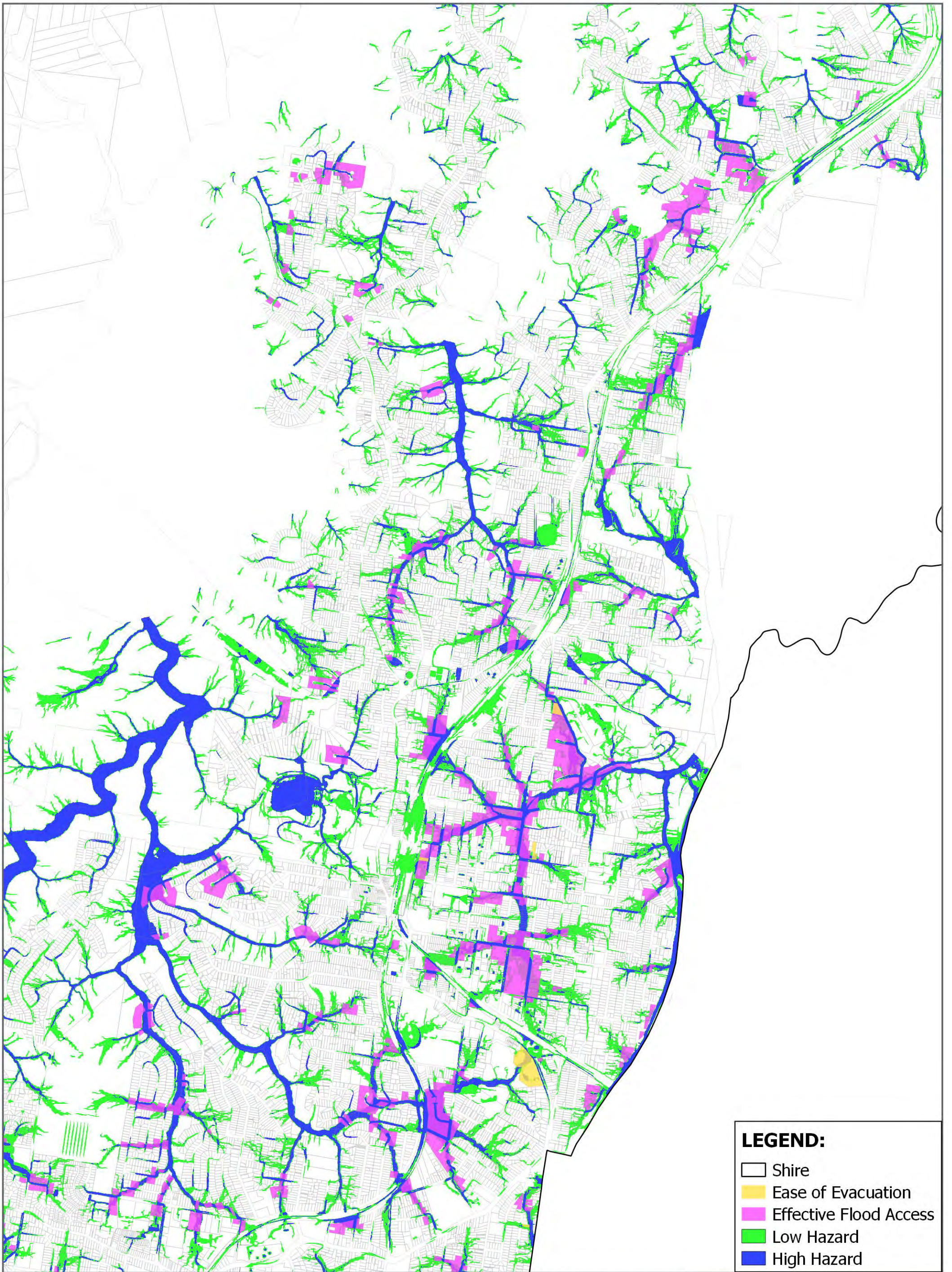


Figure 5-2  
1:21,000 Scale at A3  
km  
0 0.5 km

# Hornsby Floodplain Risk Management Study and Plan PMF True Hazard Sheet 1

**Cardno**  
Map Produced by National Water & Environment (Water)  
Date: 2021-5-25| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>

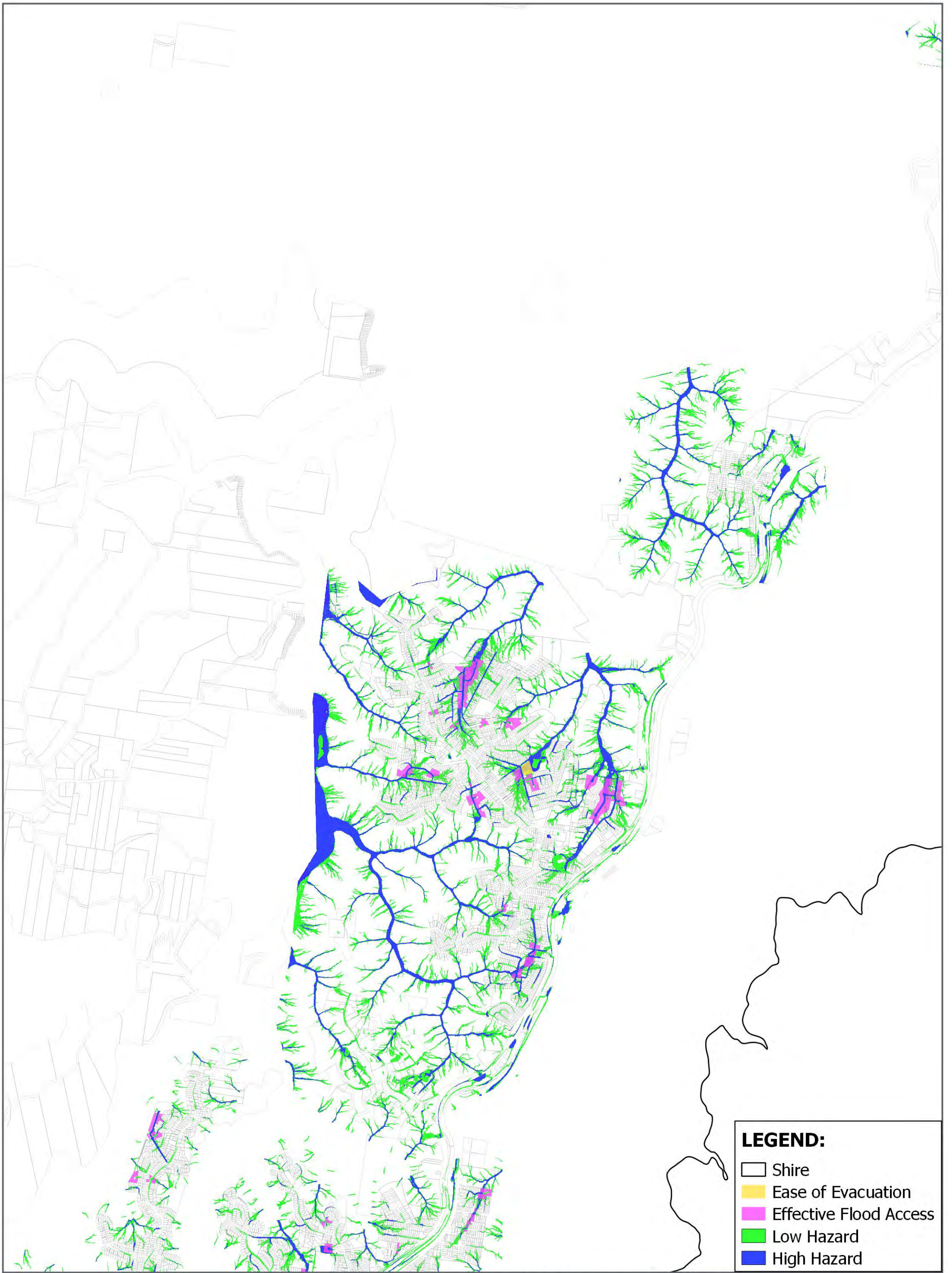




**LEGEND:**

- Shire
- Ease of Evacuation
- Effective Flood Access
- Low Hazard
- High Hazard





**LEGEND:**

- Shire
- Ease of Evacuation
- Effective Flood Access
- Low Hazard
- High Hazard

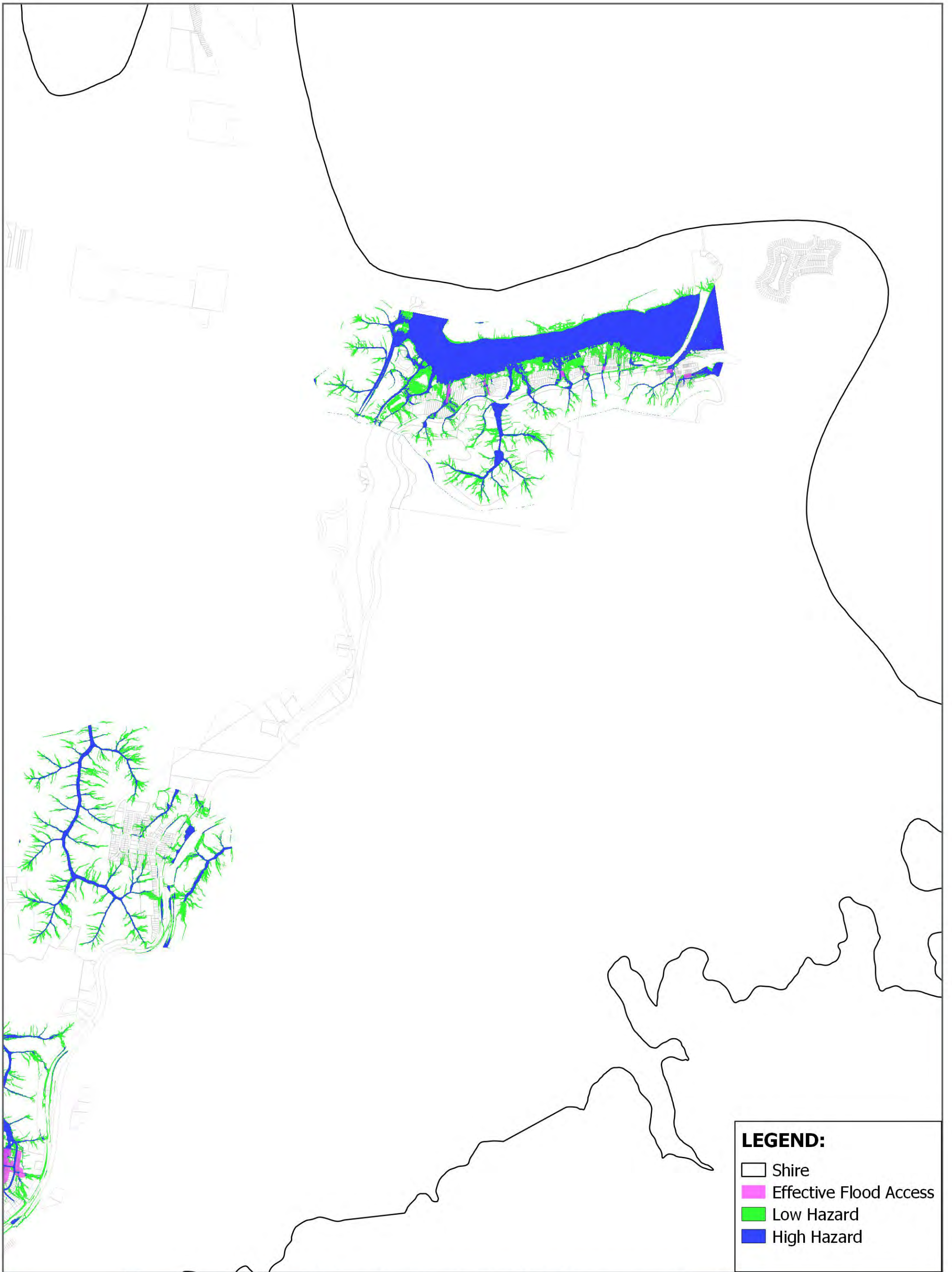


Figure 5-2  
1:34,000 Scale at A3  
km  
0 0.5 km

**Hornsby Floodplain Risk Management  
Study and Plan  
PMF True Hazard  
Sheet 3**

**Cardno**  
Map Produced by National Water & Environment (Water)  
Date: 2021-5-25 | Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgz <REV 1>

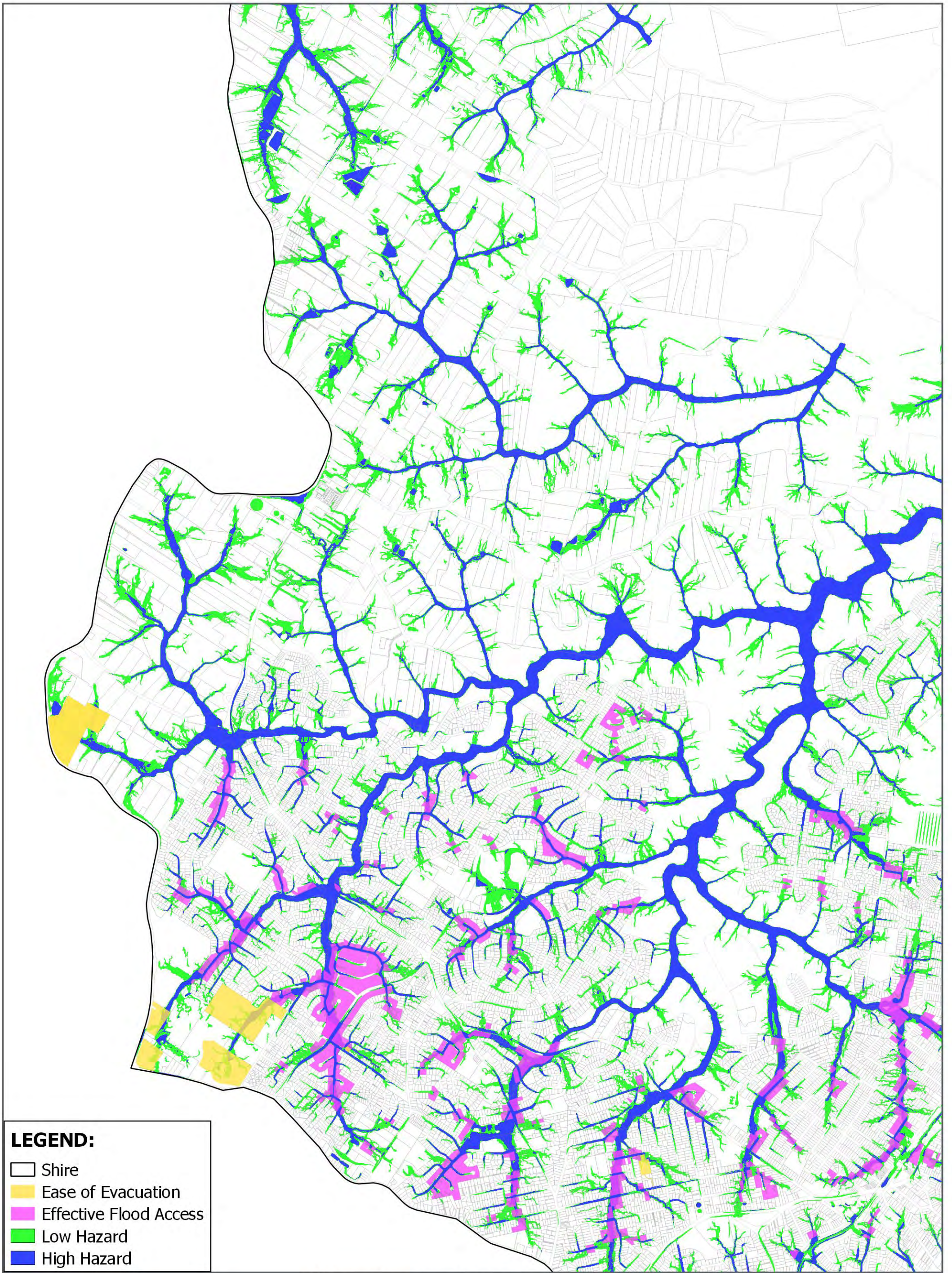




**LEGEND:**

- Shire
- Effective Flood Access
- Low Hazard
- High Hazard

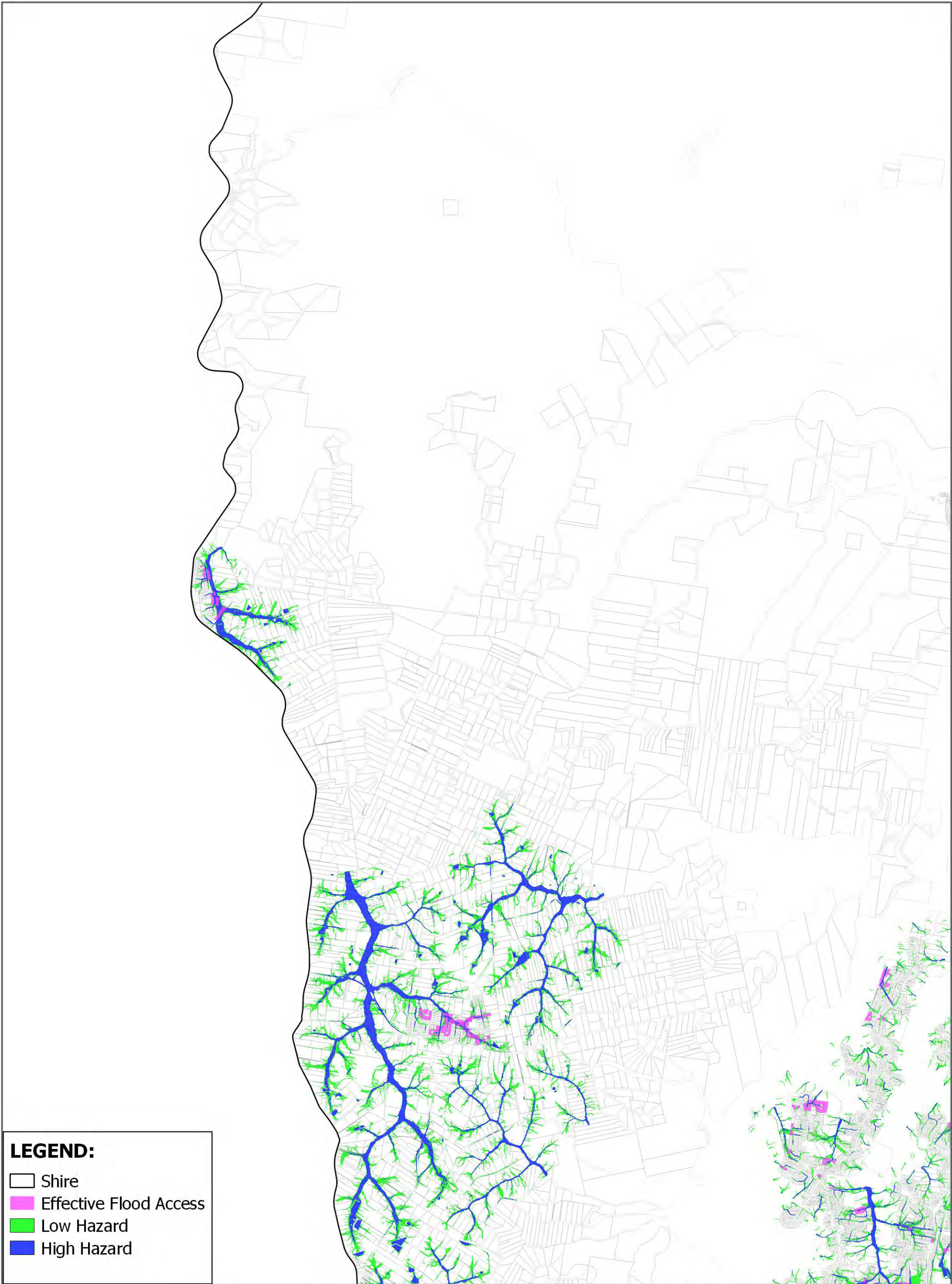




**LEGEND:**

- Shire
- Ease of Evacuation
- Effective Flood Access
- Low Hazard
- High Hazard

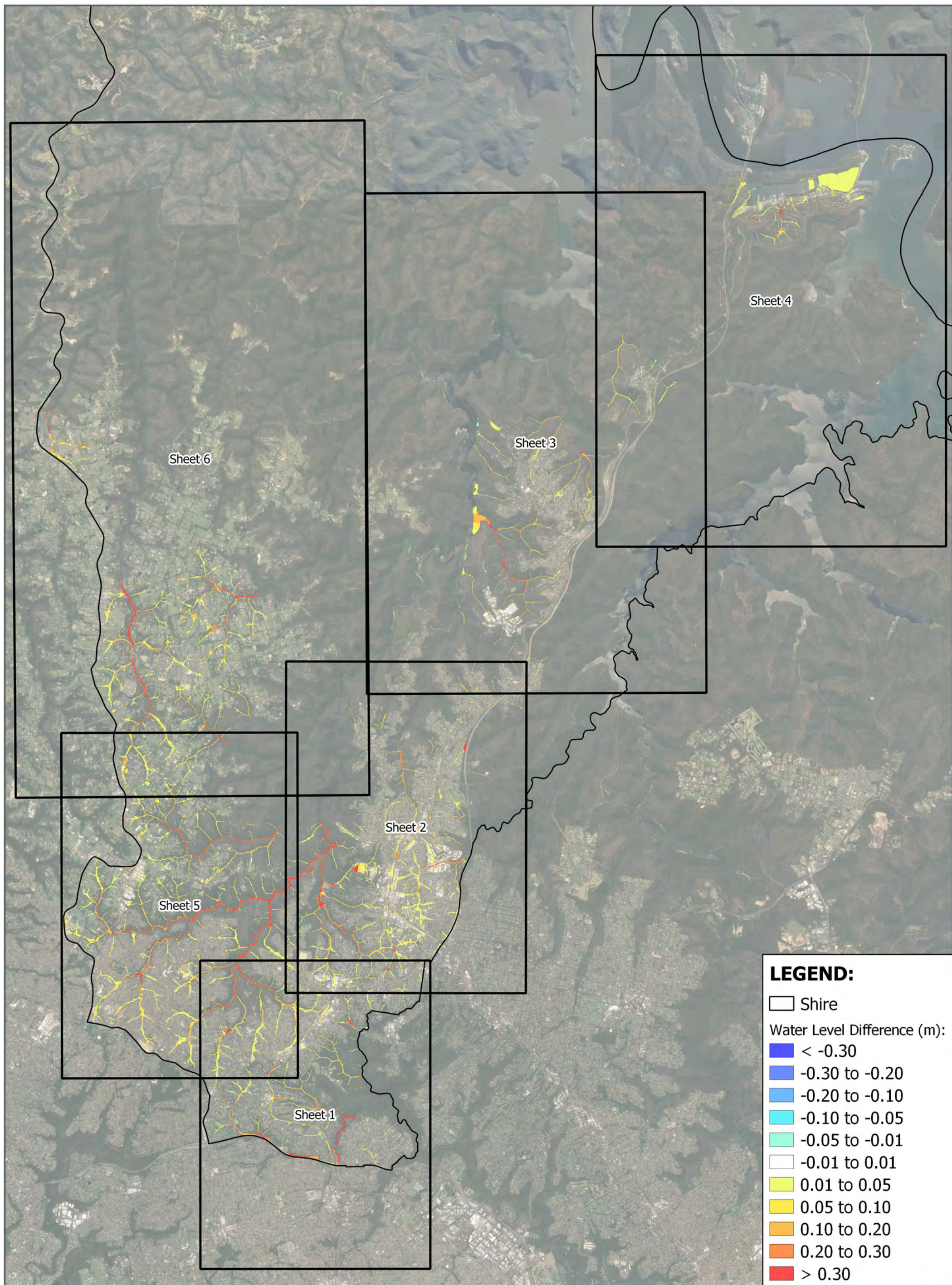




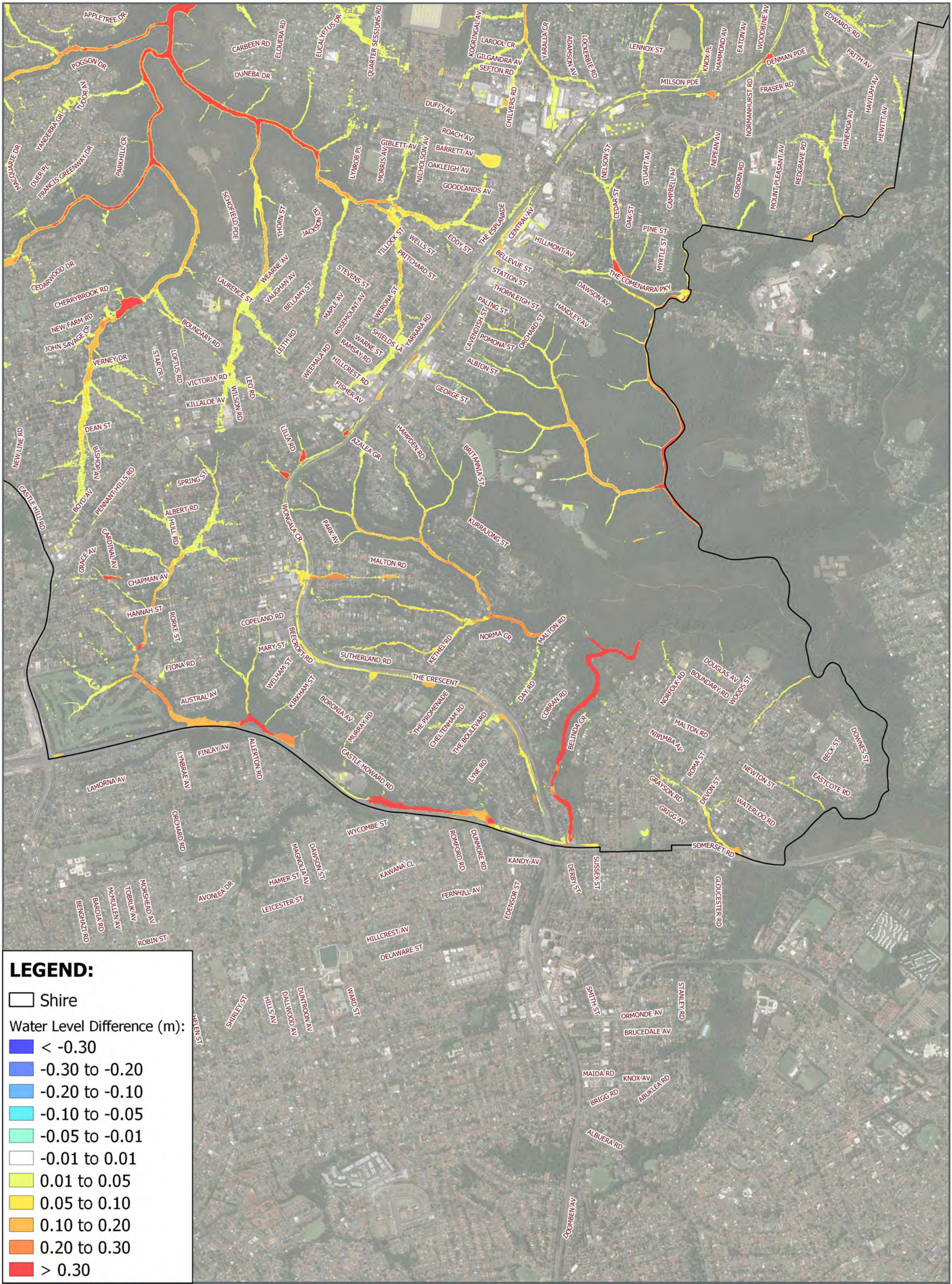
**LEGEND:**

- Shire
- Effective Flood Access
- Low Hazard
- High Hazard









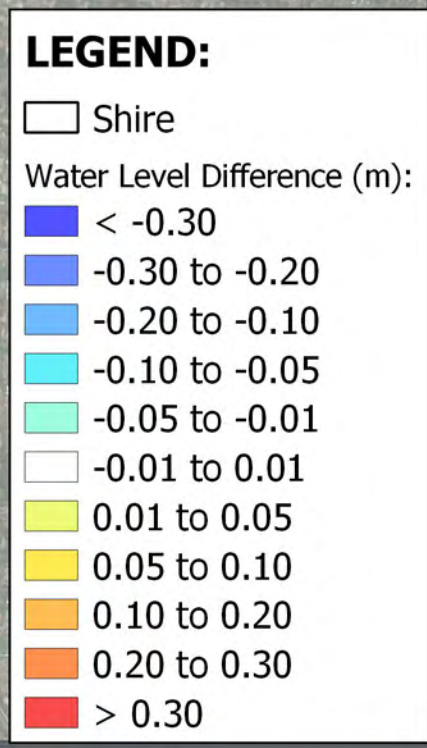
**LEGEND:**

□ Shire

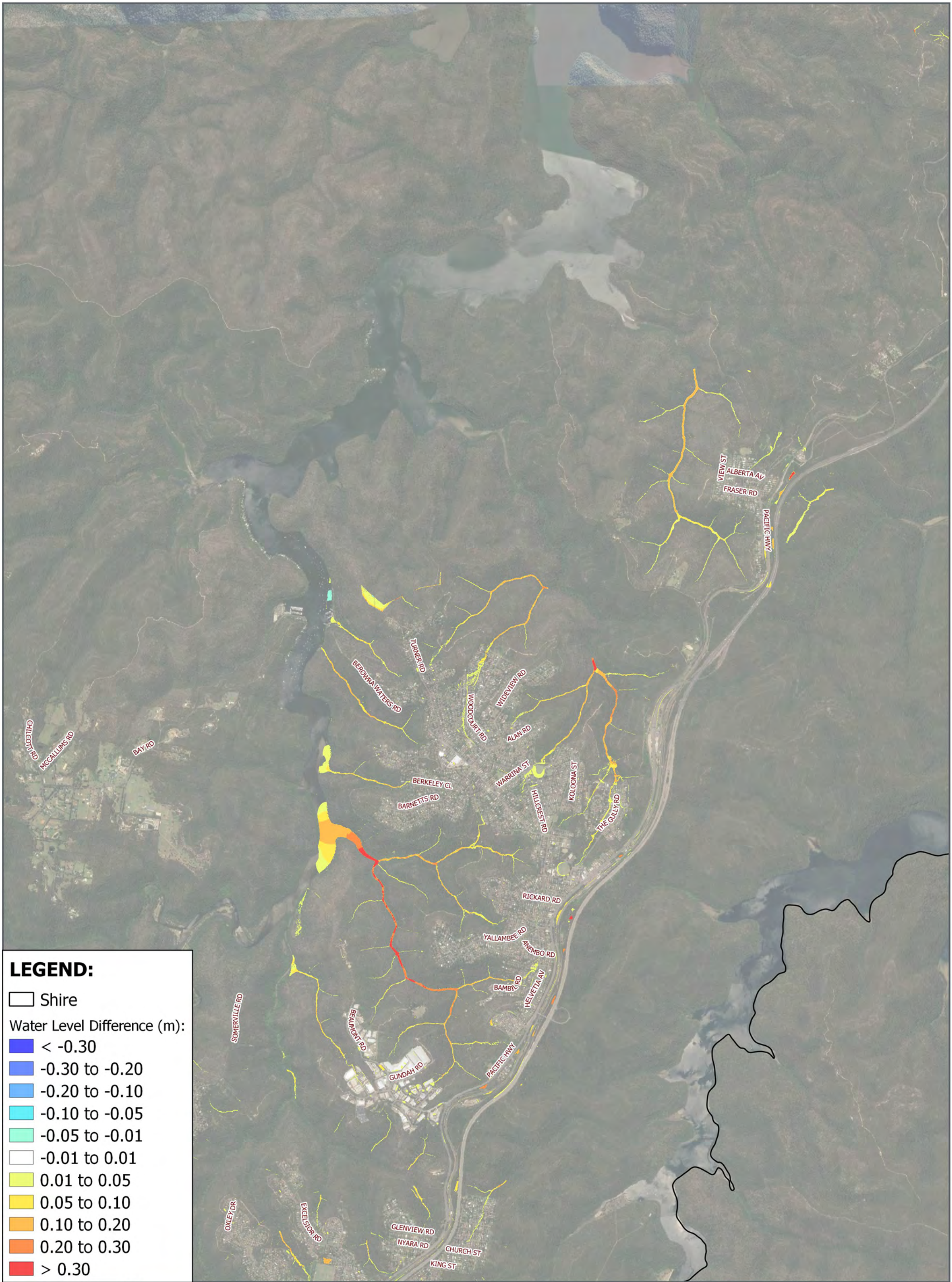
Water Level Difference (m):

- < -0.30
- 0.30 to -0.20
- 0.20 to -0.10
- 0.10 to -0.05
- 0.05 to -0.01
- 0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- > 0.30









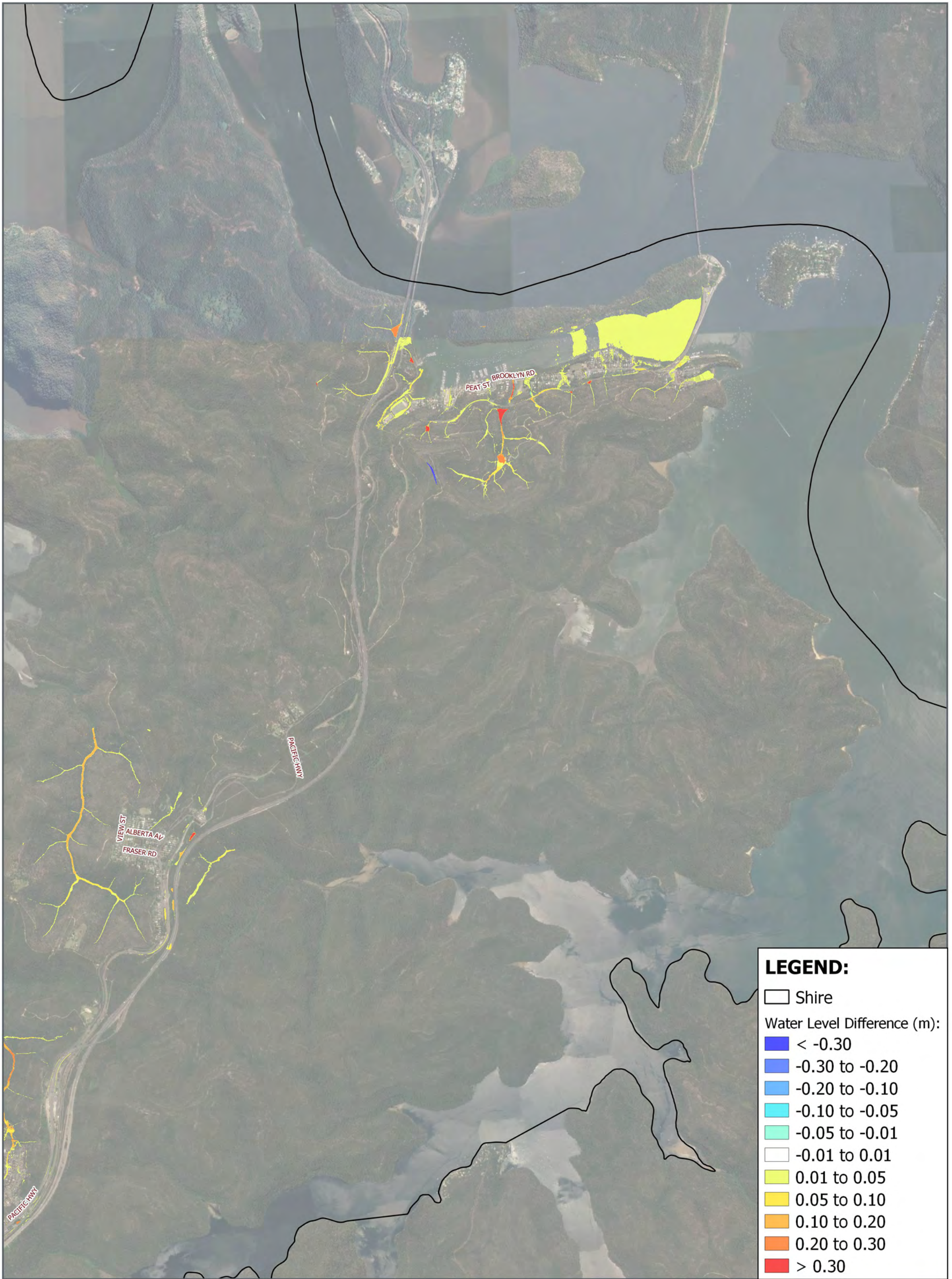
**LEGEND:**

□ Shire

Water Level Difference (m):

- < -0.30
- 0.30 to -0.20
- 0.20 to -0.10
- 0.10 to -0.05
- 0.05 to -0.01
- 0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- > 0.30





**LEGEND:**

- Shire
- Water Level Difference (m):
  - < -0.30
  - 0.30 to -0.20
  - 0.20 to -0.10
  - 0.10 to -0.05
  - 0.05 to -0.01
  - 0.01 to 0.01
  - 0.01 to 0.05
  - 0.05 to 0.10
  - 0.10 to 0.20
  - 0.20 to 0.30
  - > 0.30














Figure 5-3  
1:33,000 Scale at A3  
km  
0 1 km

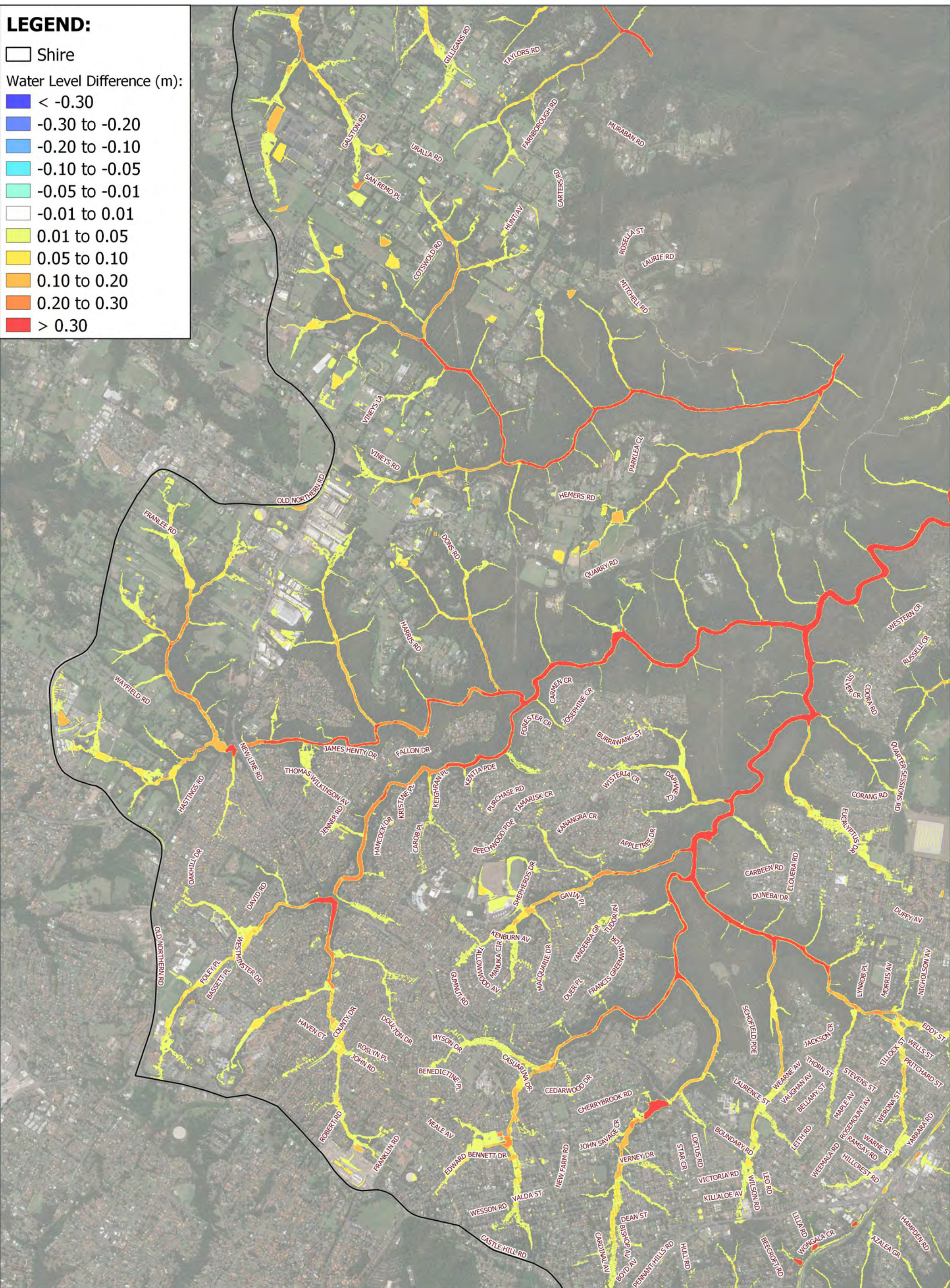
**Hornsby Floodplain Risk Management  
Study and Plan**  
20% Climate Change Scenario Water Level  
Difference (CC Less Existing)-Sheet 4

**Cardno**  
Map Produced by National Water & Environment (Water)  
Date: 2021-5-25| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs <REV 1>



☐ Shire

 < -0.30  
 -0.30 to -0.20  
 -0.20 to -0.10  
 -0.10 to -0.05  
 -0.05 to -0.01  
 -0.01 to 0.01  
 0.01 to 0.05  
 0.05 to 0.10  
 0.10 to 0.20  
 0.20 to 0.30  
 > 0.30



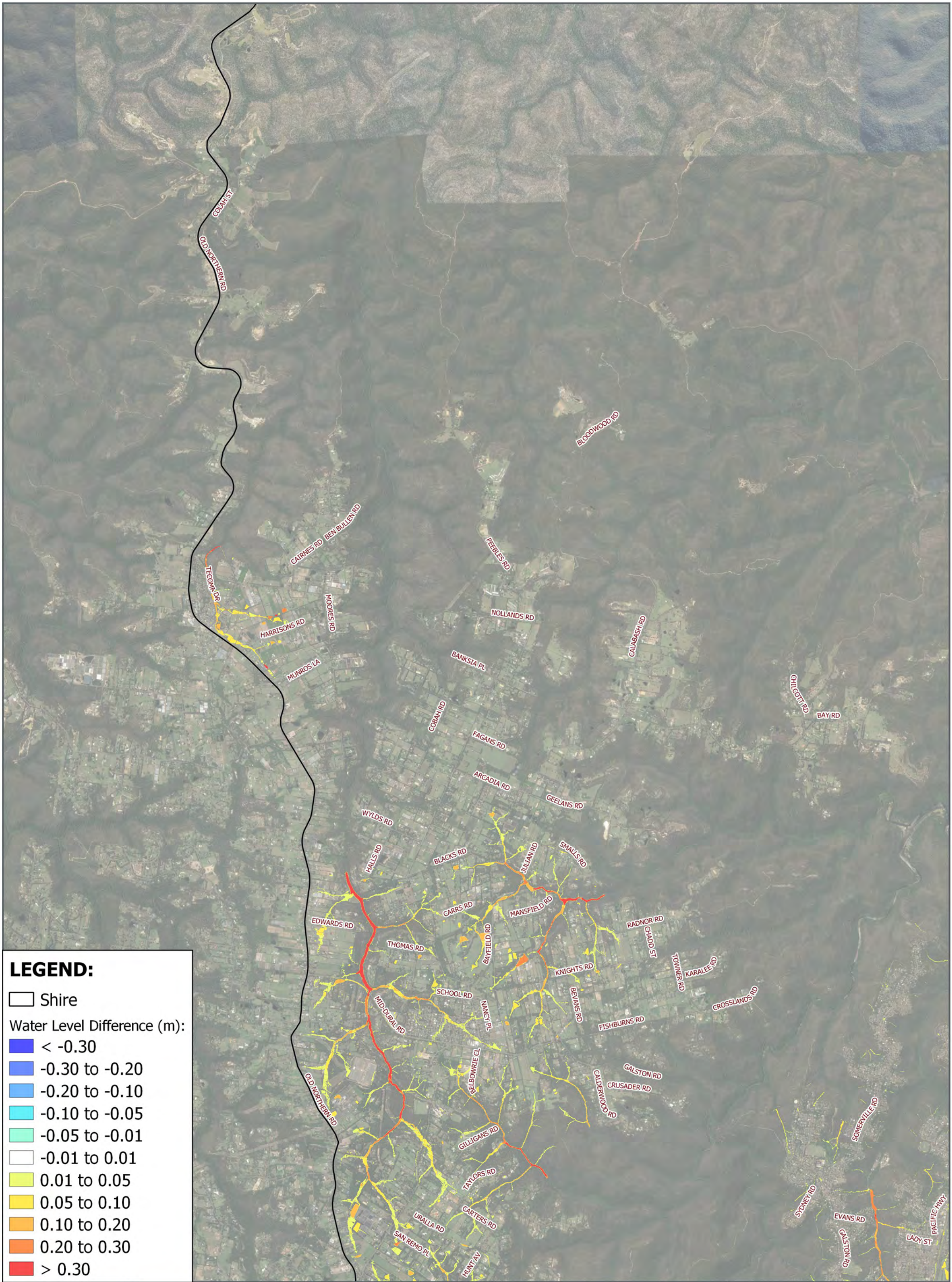
**Figure 5-3**  
**1:23,000 Scale at A3**  
**km**

**20% Climate Change Scenario Water Level Difference (CC Less Existing)-Sheet 5**



Map Produced by National Water & Environment (Water)  
Date: 2021-5-25| Project: NW30006  
Coordinate System: MGA 1994 Zone 56  
Map: FRMSP\_Final\_Results.qgs.qgz <REV 1>





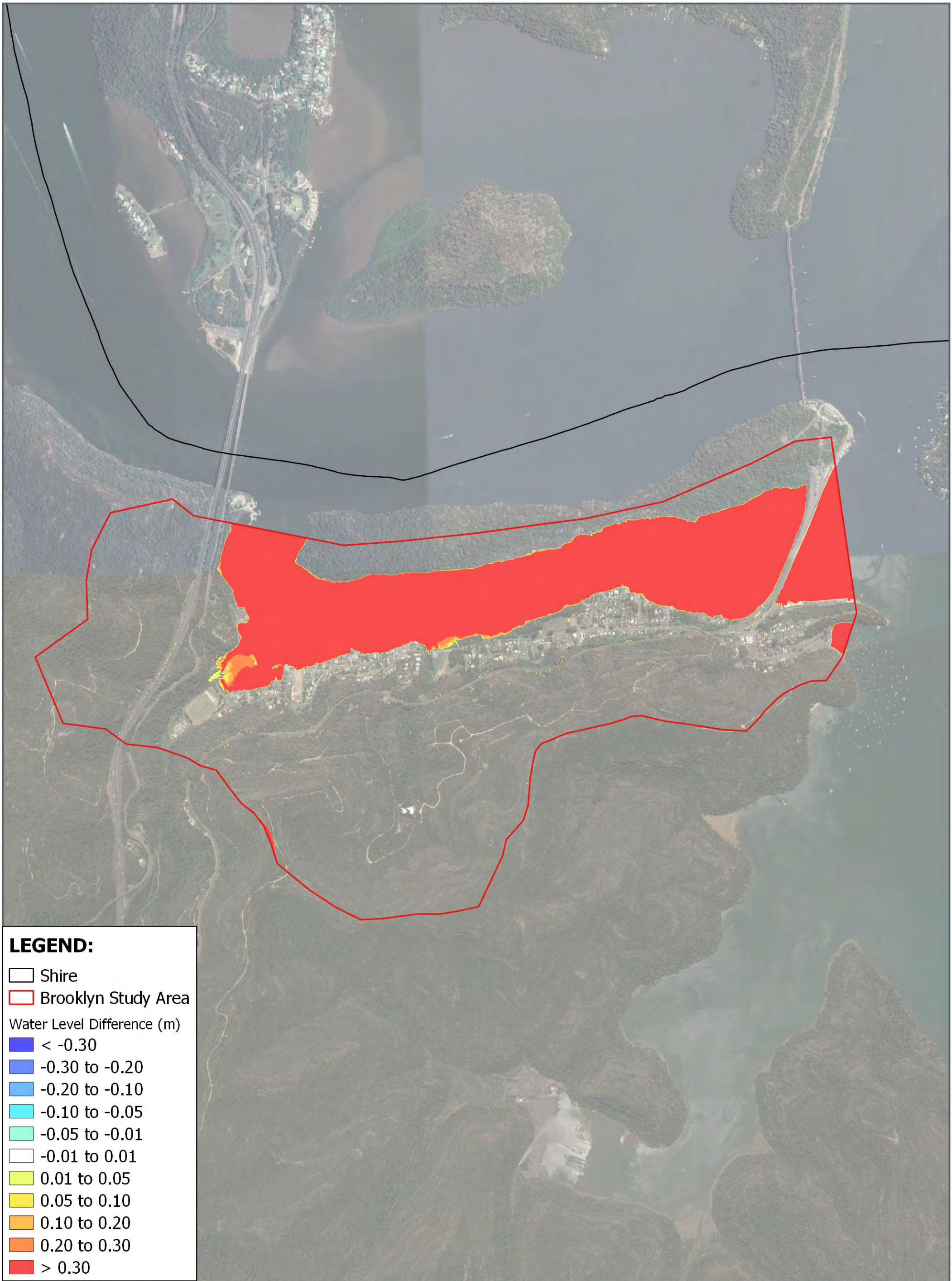
**LEGEND:**

□ Shire

Water Level Difference (m):

- < -0.30
- 0.30 to -0.20
- 0.20 to -0.10
- 0.10 to -0.05
- 0.05 to -0.01
- 0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.30
- > 0.30





**LEGEND:**

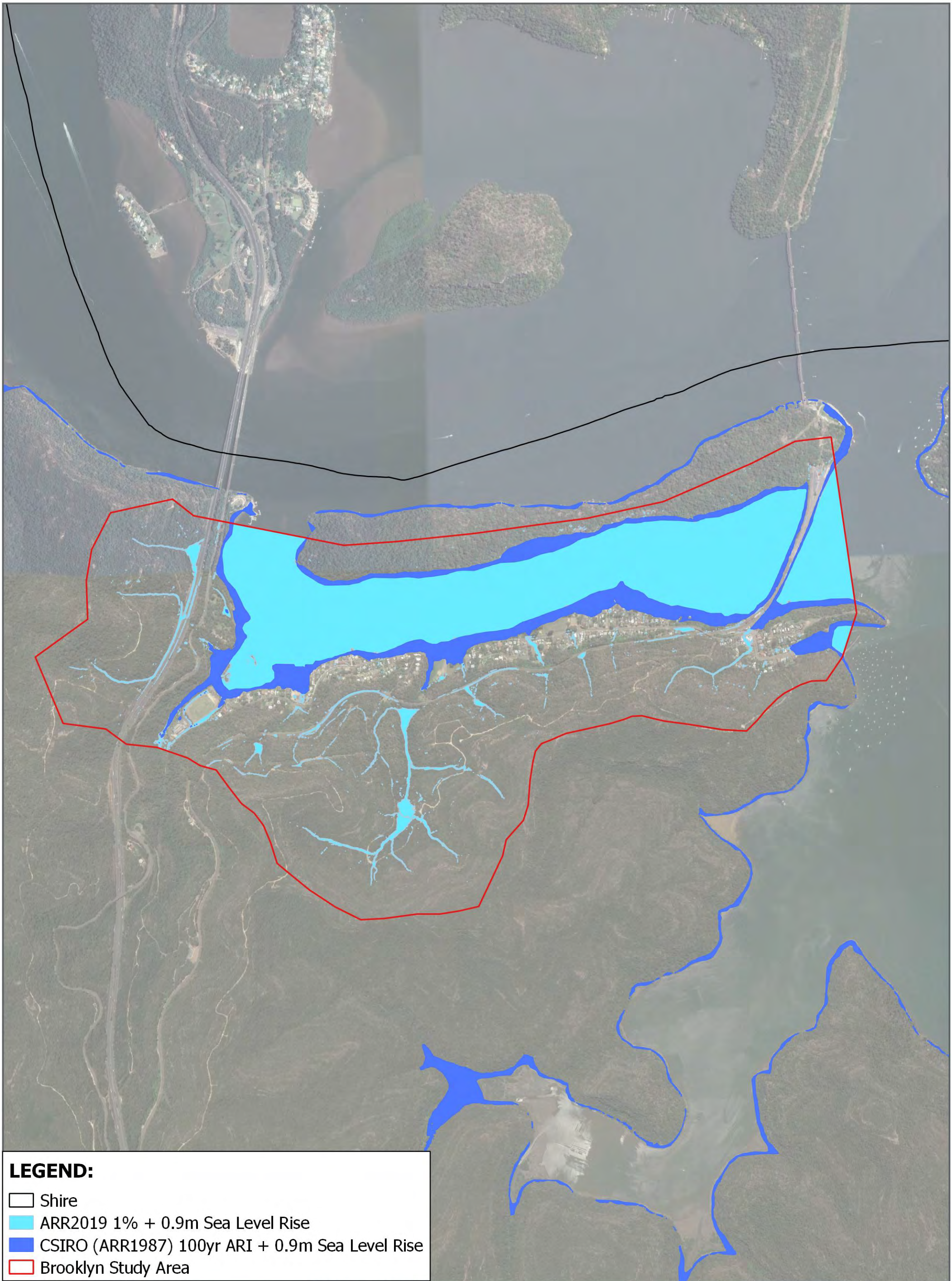
Shire

Brooklyn Study Area

Water Level Difference (m)

< -0.30
-0.30 to -0.20
-0.20 to -0.10
-0.10 to -0.05
-0.05 to -0.01
-0.01 to 0.01
0.01 to 0.05
0.05 to 0.10
0.10 to 0.20
0.20 to 0.30
> 0.30





**LEGEND:**

- Shire
- ARR2019 1% + 0.9m Sea Level Rise
- CSIRO (ARR1987) 100yr ARI + 0.9m Sea Level Rise
- Brooklyn Study Area