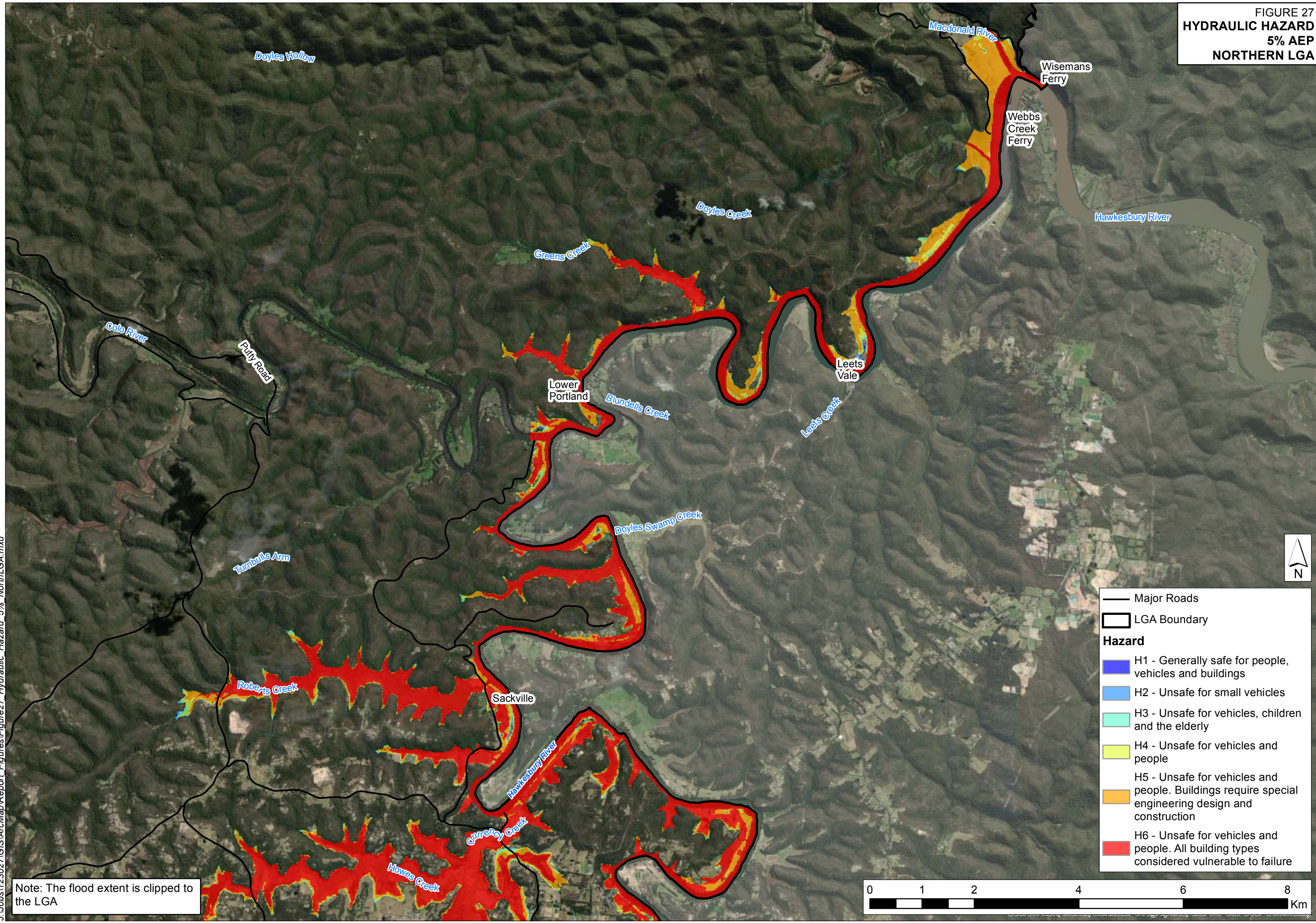


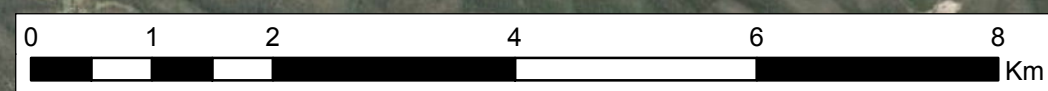
FIGURE 27
 HYDRAULIC HAZARD
 5% AEP
 NORTHERN LGA



— Major Roads
 □ LGA Boundary

Hazard

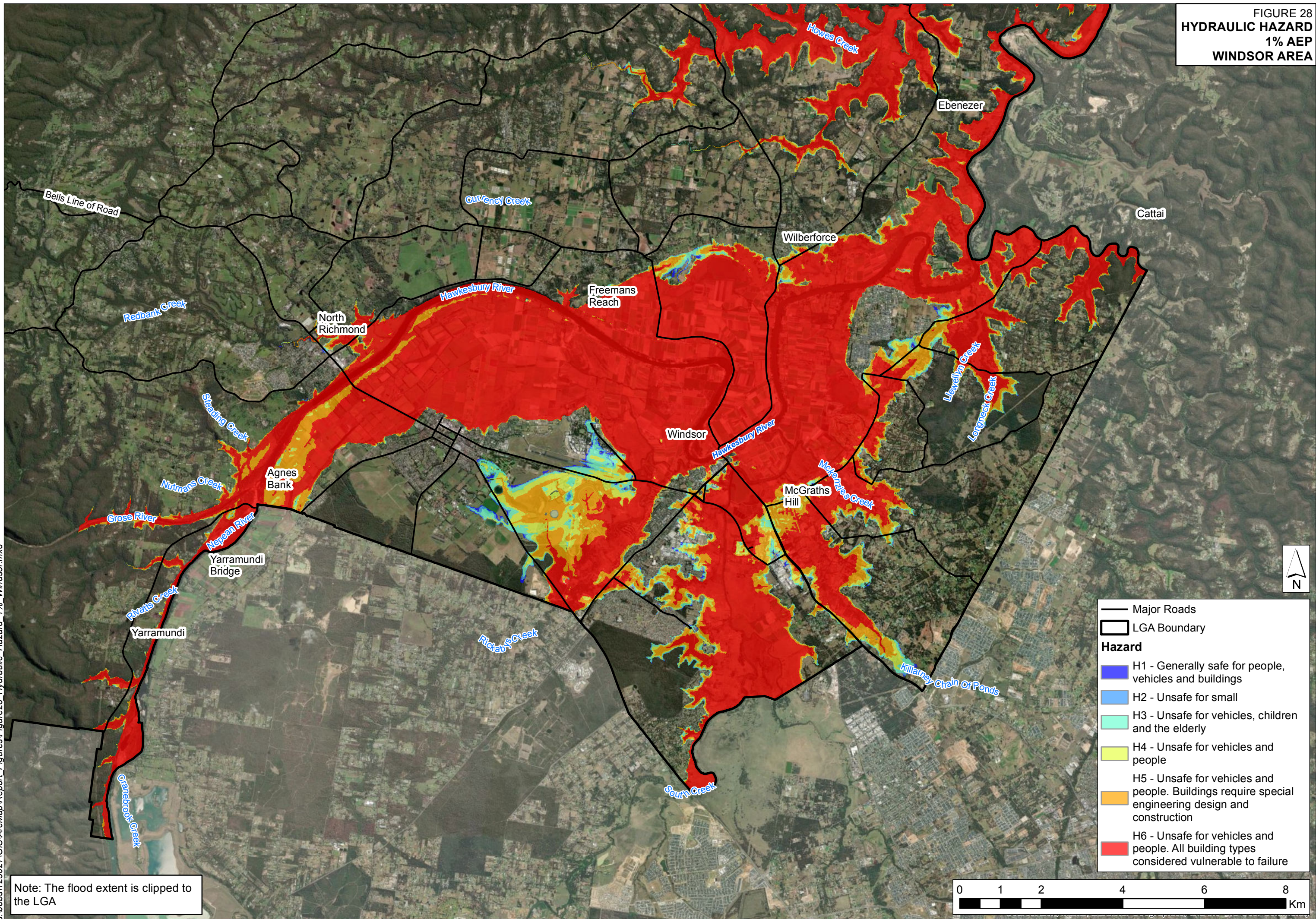
- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure



Note: The flood extent is clipped to the LGA

J:\Jobs\12302\GIS\ArcMap\Report_Figures\Figure27_Hydraulic_Hazard_5%_NorthLGA.mxd

FIGURE 28
 HYDRAULIC HAZARD
 1% AEP
 WINDSOR AREA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure28_Hydraulic_Hazard_1%_Windsor.mxd

Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Hazard

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

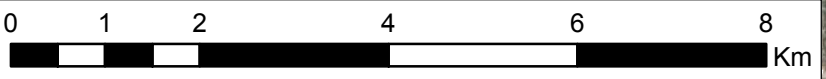
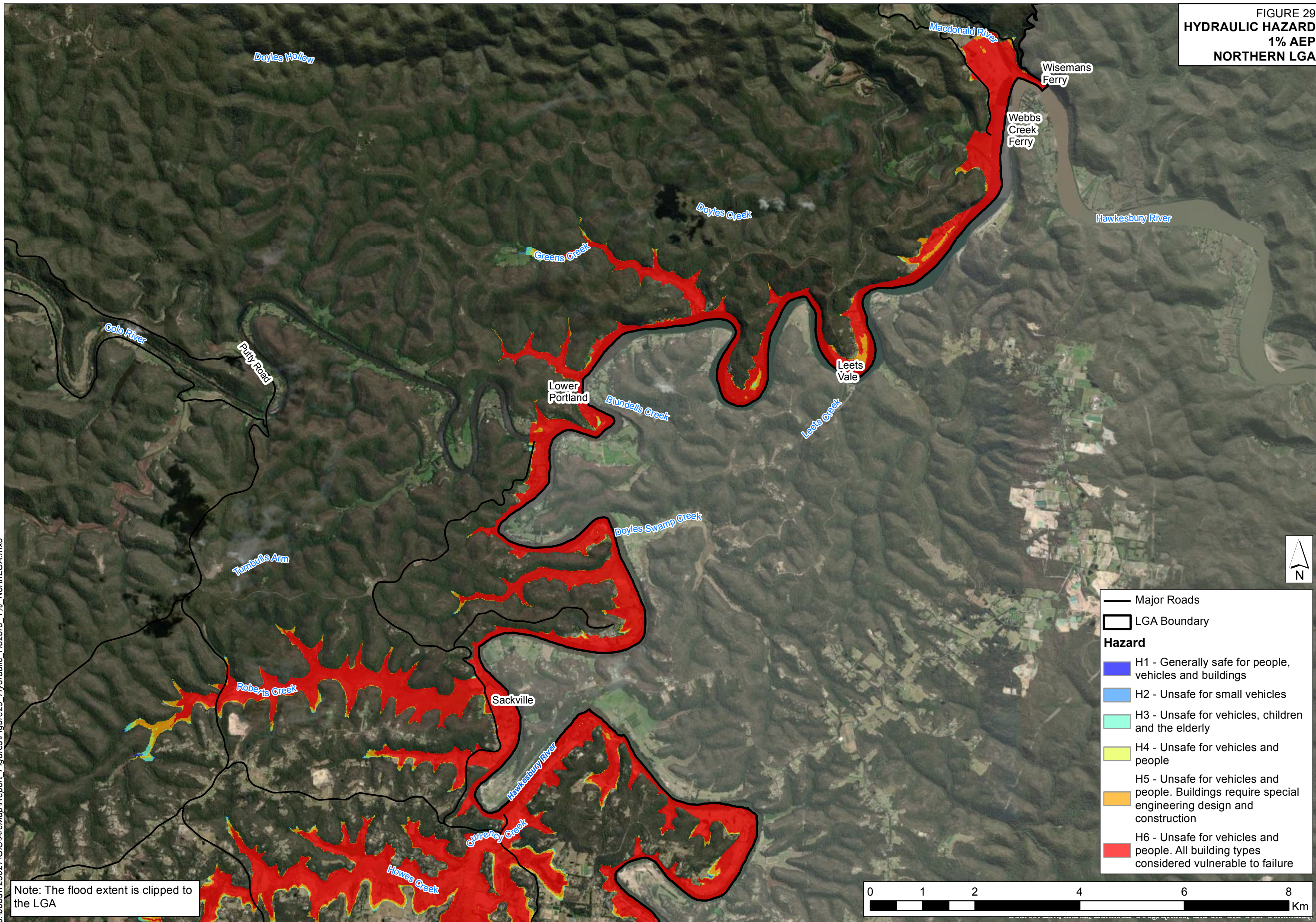


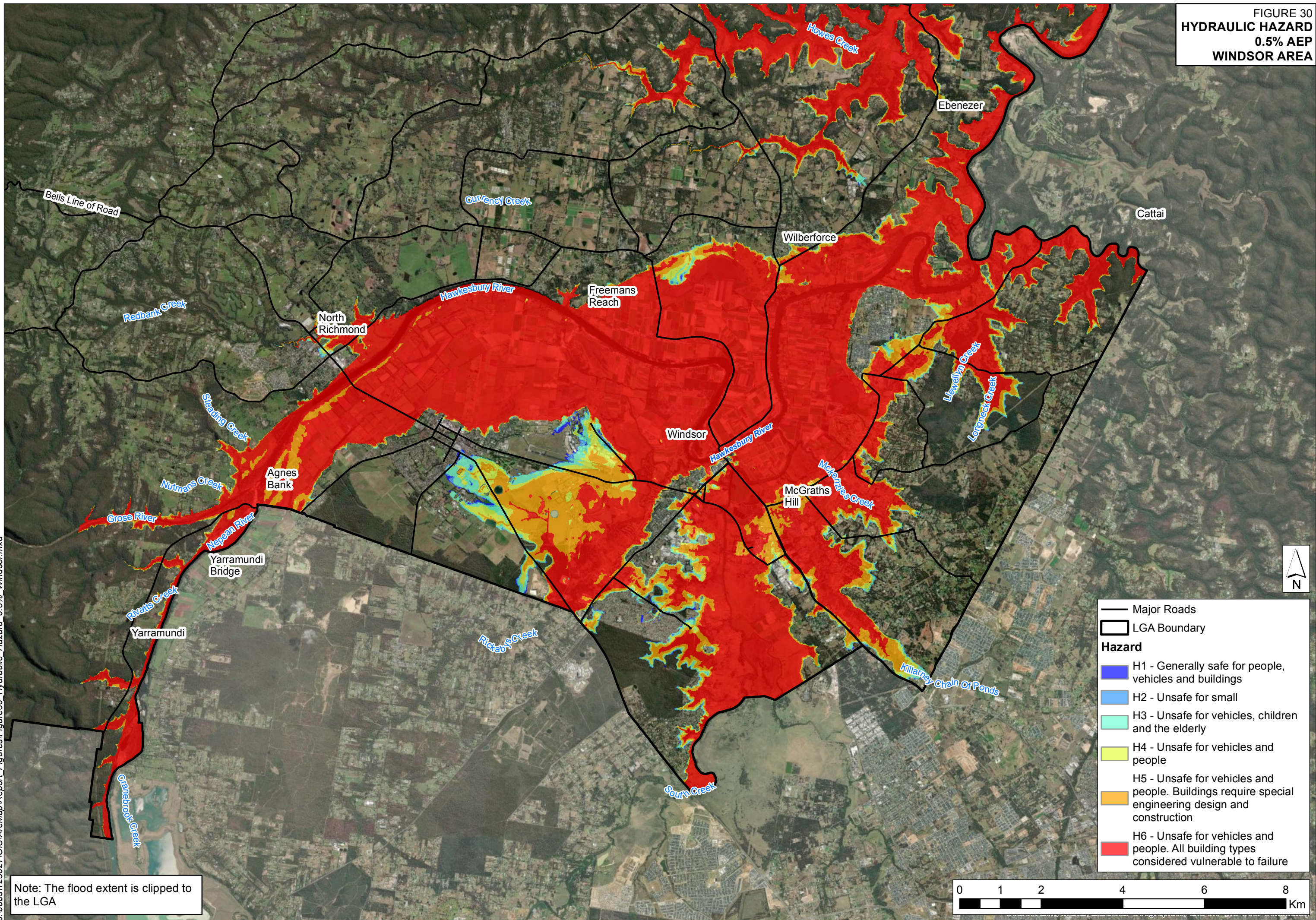
FIGURE 29
HYDRAULIC HAZARD
 1% AEP
 NORTHERN LGA



Note: The flood extent is clipped to the LGA

J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure29_Hydraulic_Hazard_1%_NorthLGA.mxd

FIGURE 30
 HYDRAULIC HAZARD
 0.5% AEP
 WINDSOR AREA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure30_Hydraulic_Hazard_0.5%_Windsor.mxd

Note: The flood extent is clipped to the LGA

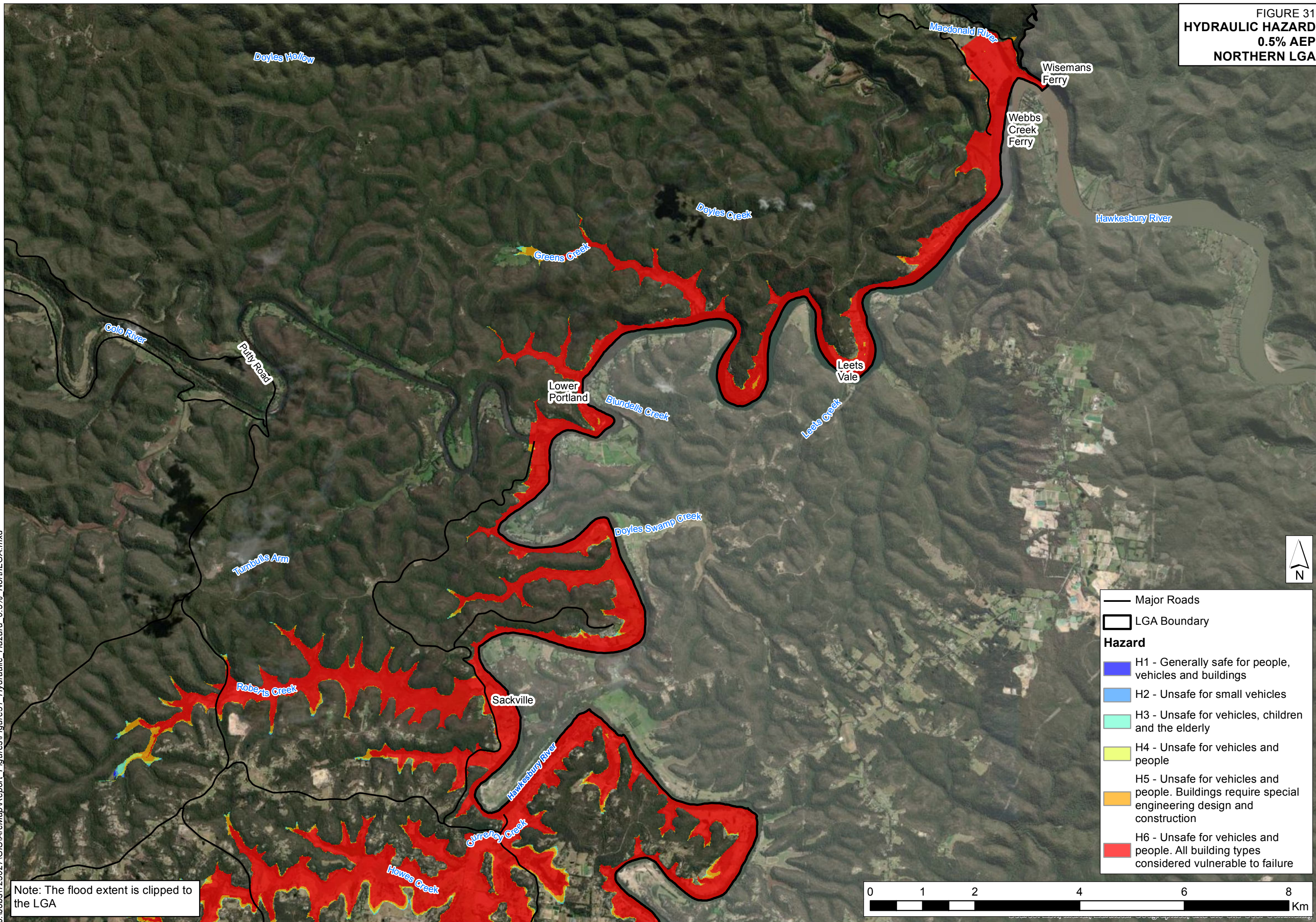
— Major Roads
 □ LGA Boundary

Hazard

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure



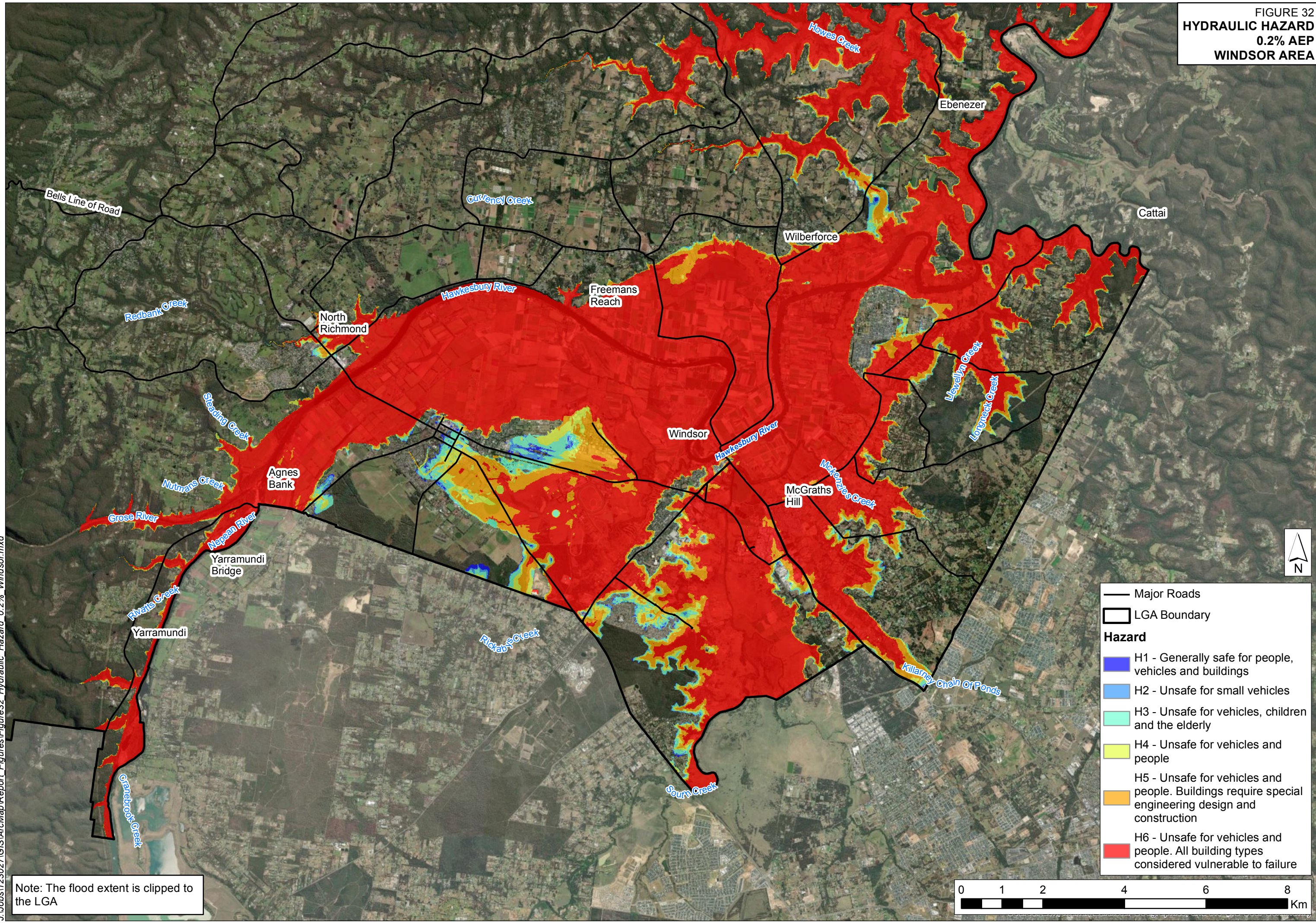
FIGURE 31
HYDRAULIC HAZARD
0.5% AEP
NORTHERN LGA



Note: The flood extent is clipped to the LGA

J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure31_Hydraulic_Hazard_0.5%_NorthLGA.mxd

FIGURE 32
 HYDRAULIC HAZARD
 0.2% AEP
 WINDSOR AREA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure32_Hydraulic_Hazard_0.2%_Windsor.mxd

Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Hazard

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

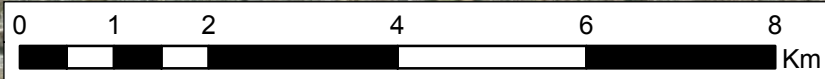
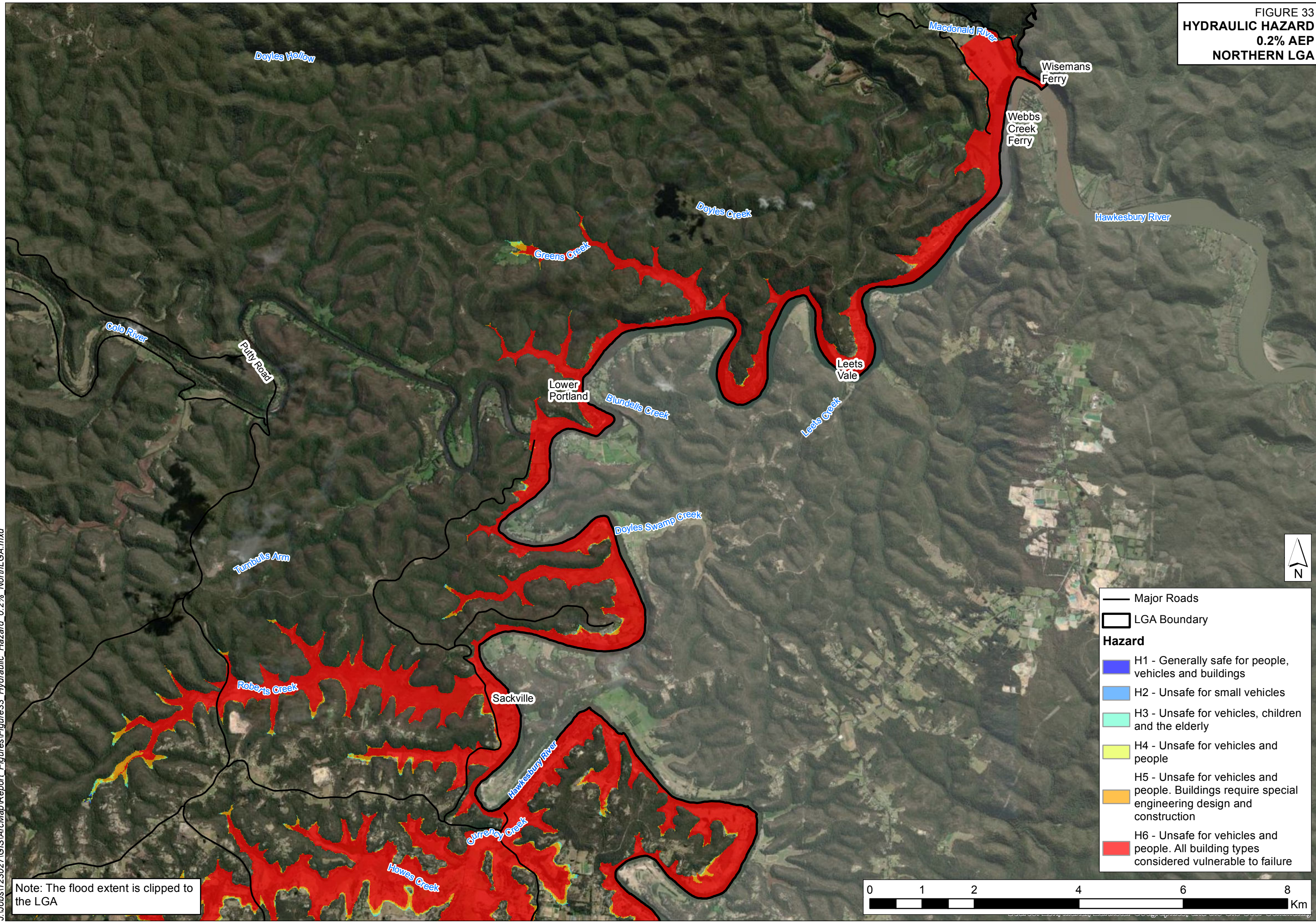


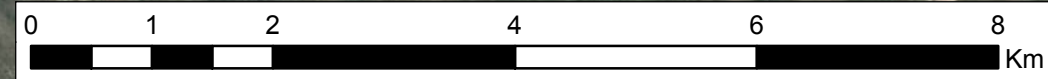
FIGURE 33
 HYDRAULIC HAZARD
 0.2% AEP
 NORTHERN LGA



— Major Roads
 □ LGA Boundary

Hazard

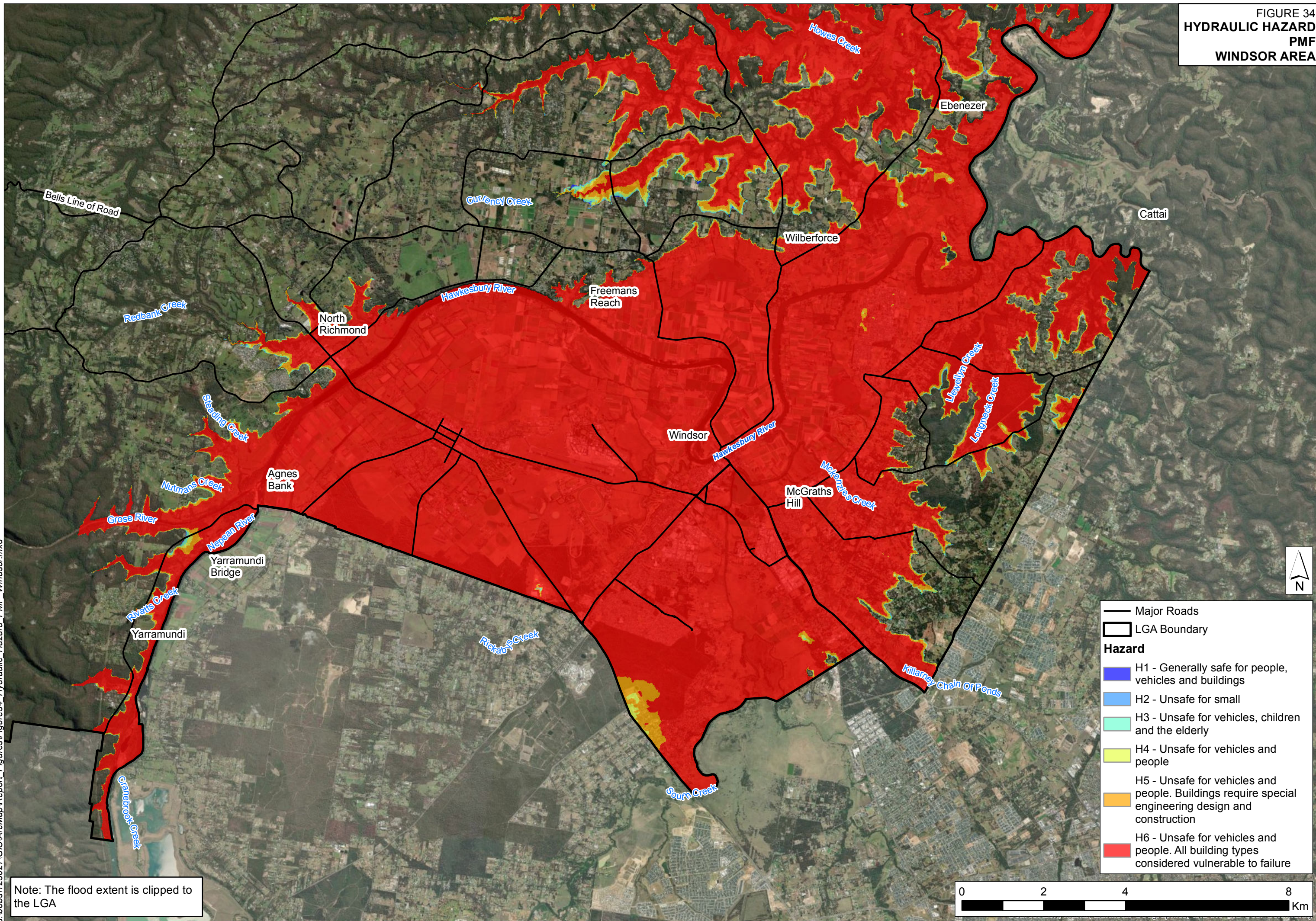
- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure



Note: The flood extent is clipped to the LGA

J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure33_Hydraulic_Hazard_0.2%_NorthLGA.mxd

FIGURE 34
HYDRAULIC HAZARD
PMF
WINDSOR AREA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure34_Hydraulic_Hazard_PMF_Windsor.mxd

Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Hazard

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

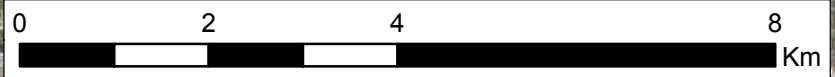
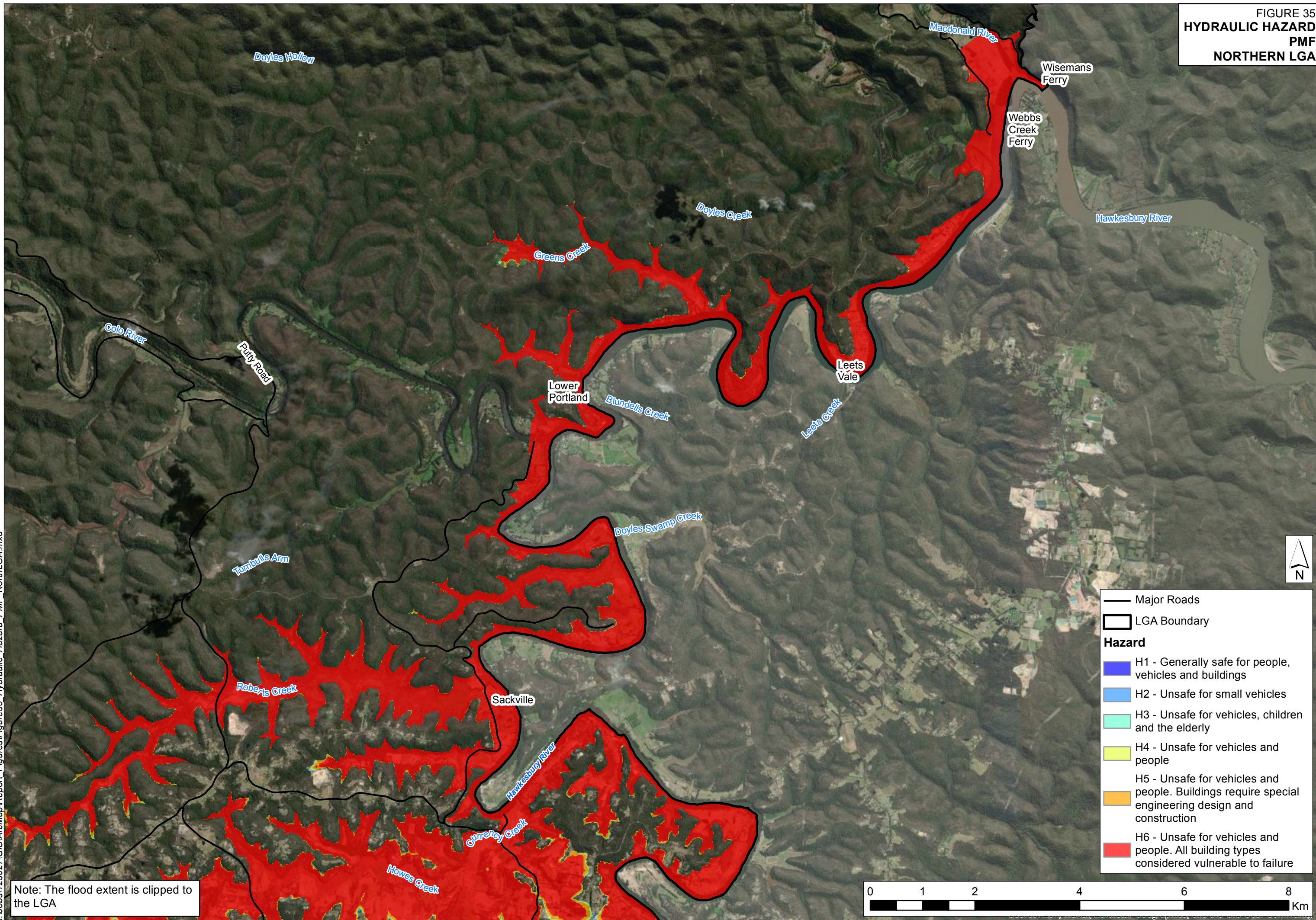
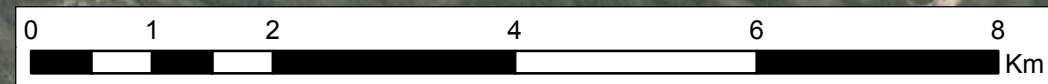


FIGURE 35
HYDRAULIC HAZARD
PMF
NORTHERN LGA

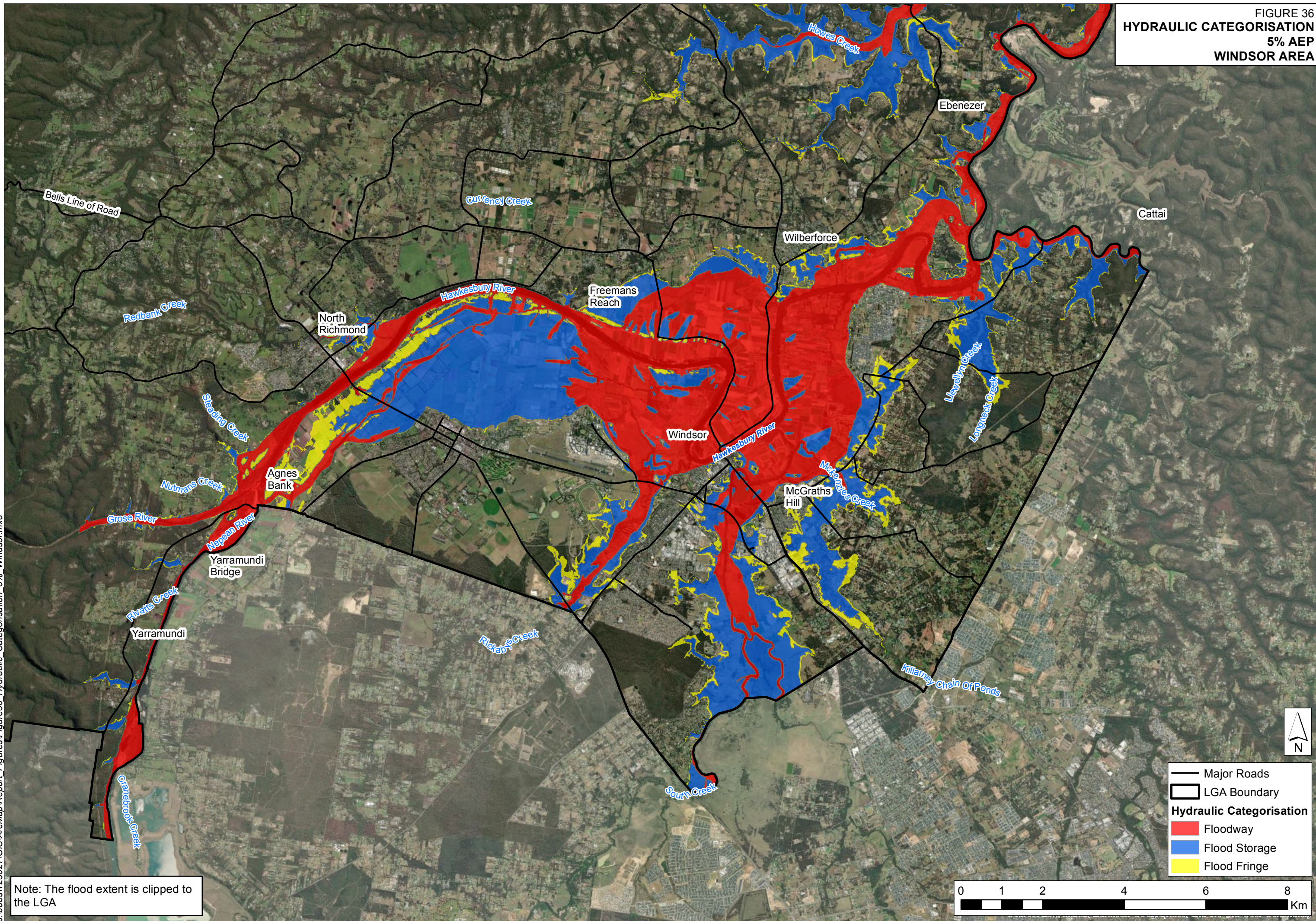


Note: The flood extent is clipped to the LGA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure35_Hydraulic_Hazard_PMF_NorthLGA.mxd

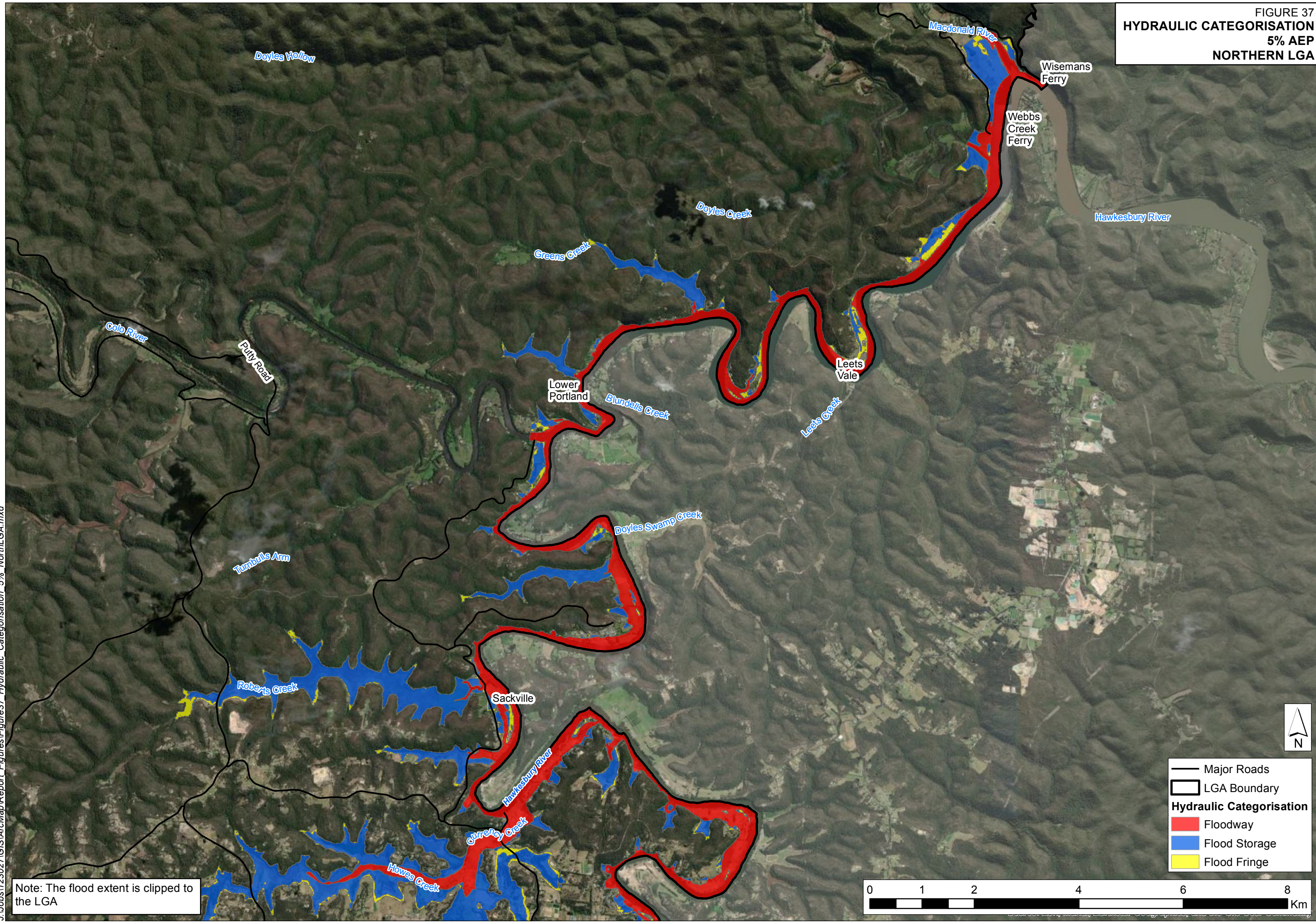
FIGURE 36
HYDRAULIC CATEGORISATION
5% AEP
WINDSOR AREA



Note: The flood extent is clipped to the LGA

J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure36_Hydraulic_Categorisation_5%_Windsor.mxd

FIGURE 37
HYDRAULIC CATEGORISATION
5% AEP
NORTHERN LGA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure37_Hydraulic_Categorisation_5%_NorthLGA.mxd

Note: The flood extent is clipped to the LGA

	Major Roads
	LGA Boundary
Hydraulic Categorisation	
	Floodway
	Flood Storage
	Flood Fringe

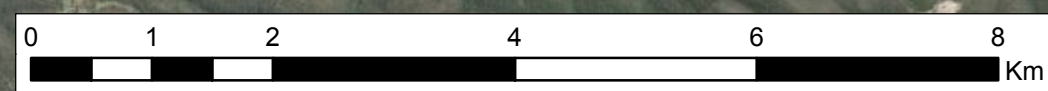
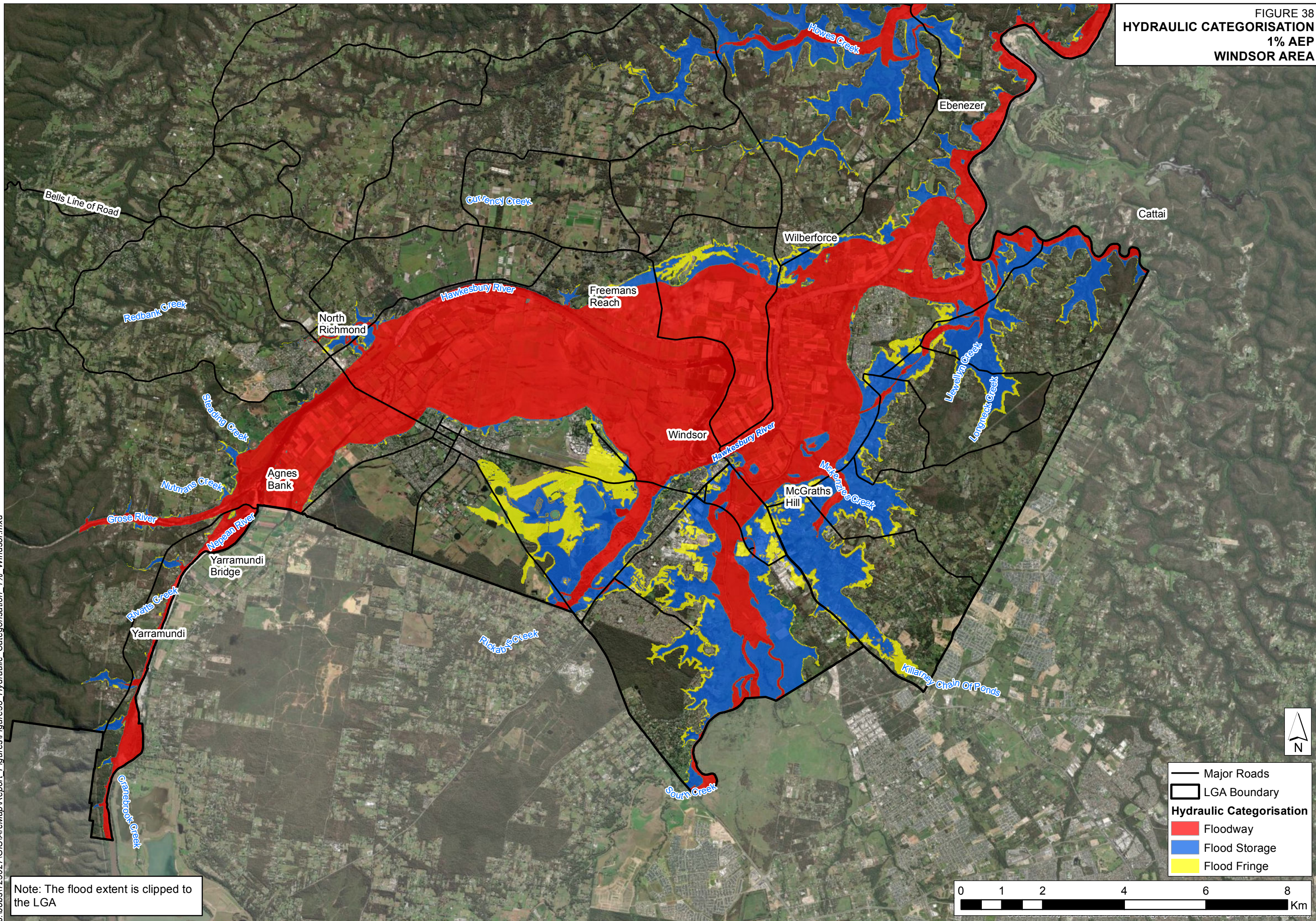


FIGURE 38
 HYDRAULIC CATEGORISATION
 1% AEP
 WINDSOR AREA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure38_Hydraulic_Categorisation_1%_Windsor.mxd

Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Hydraulic Categorisation

- Floodway
- Flood Storage
- Flood Fringe

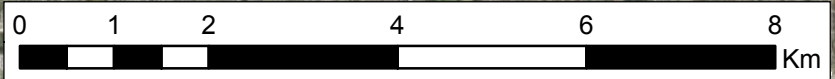
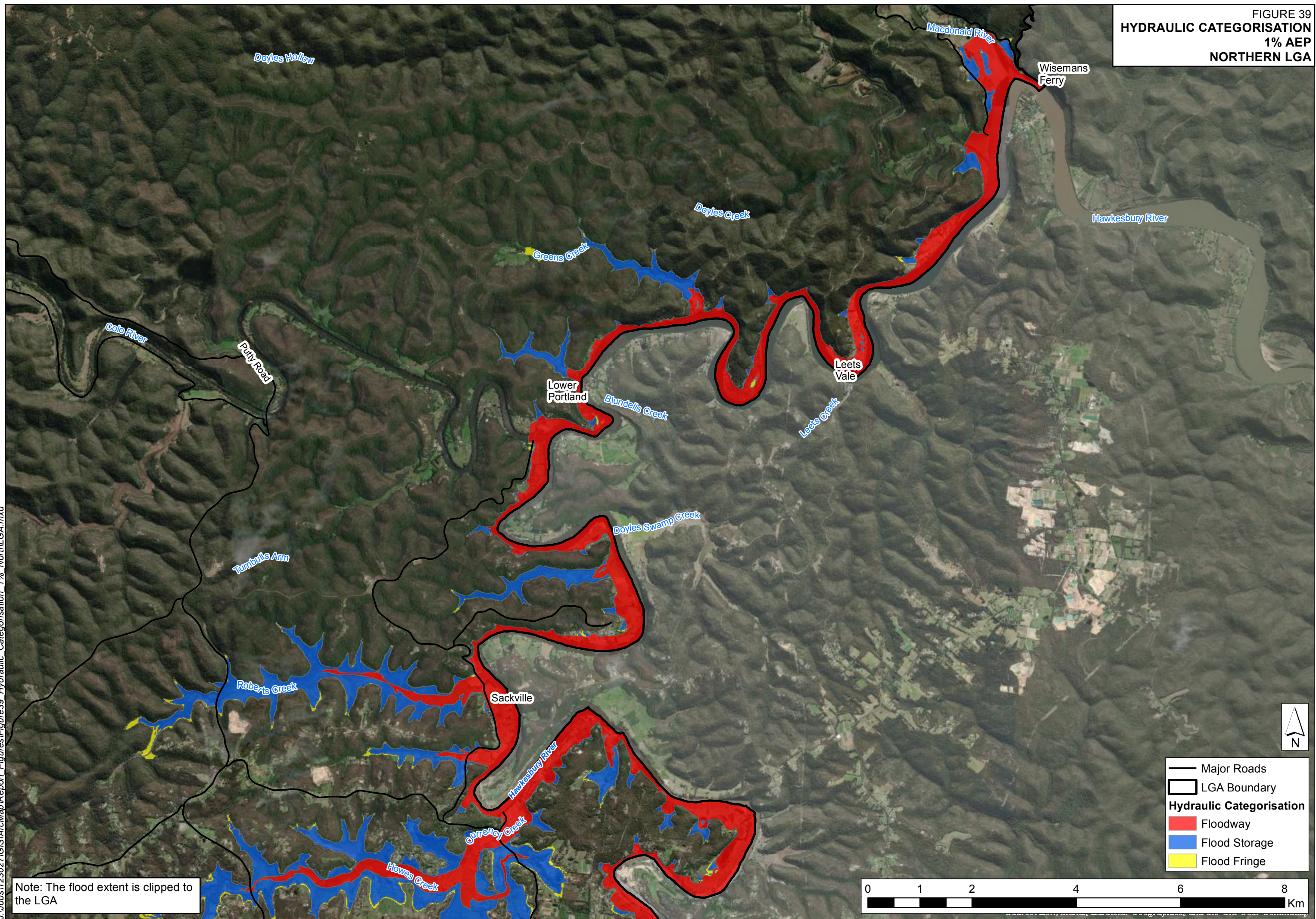
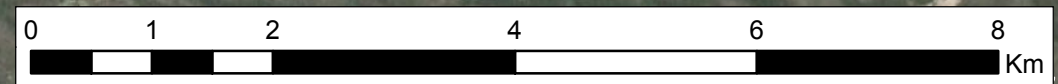


FIGURE 39
HYDRAULIC CATEGORISATION
1% AEP
NORTHERN LGA



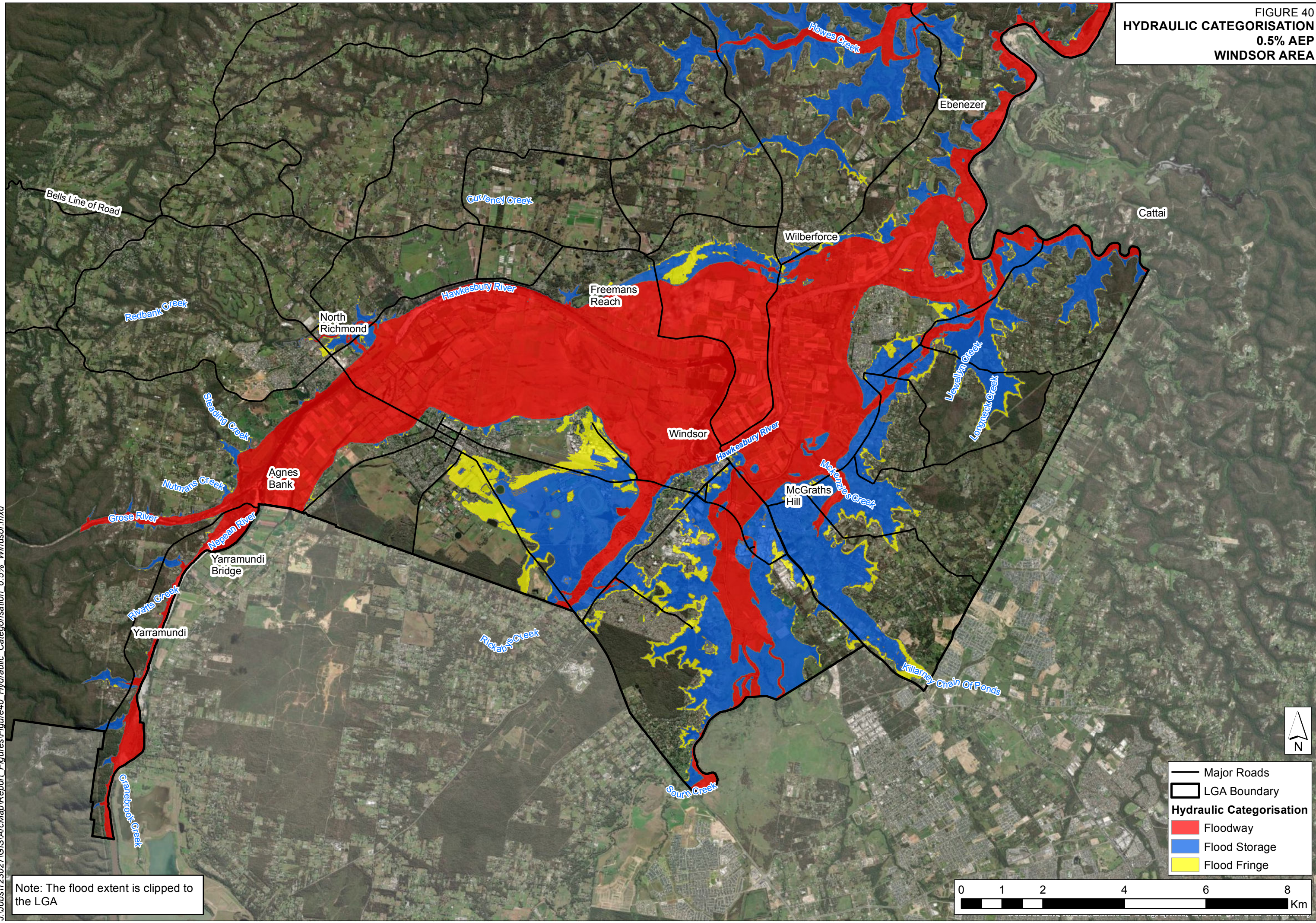
Note: The flood extent is clipped to the LGA

- Major Roads
- ▭ LGA Boundary
- Hydraulic Categorisation**
- Floodway
- Flood Storage
- Flood Fringe



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure39_Hydraulic_Categorisation_1%_NorthLGA.mxd

FIGURE 40
HYDRAULIC CATEGORISATION
0.5% AEP
WINDSOR AREA



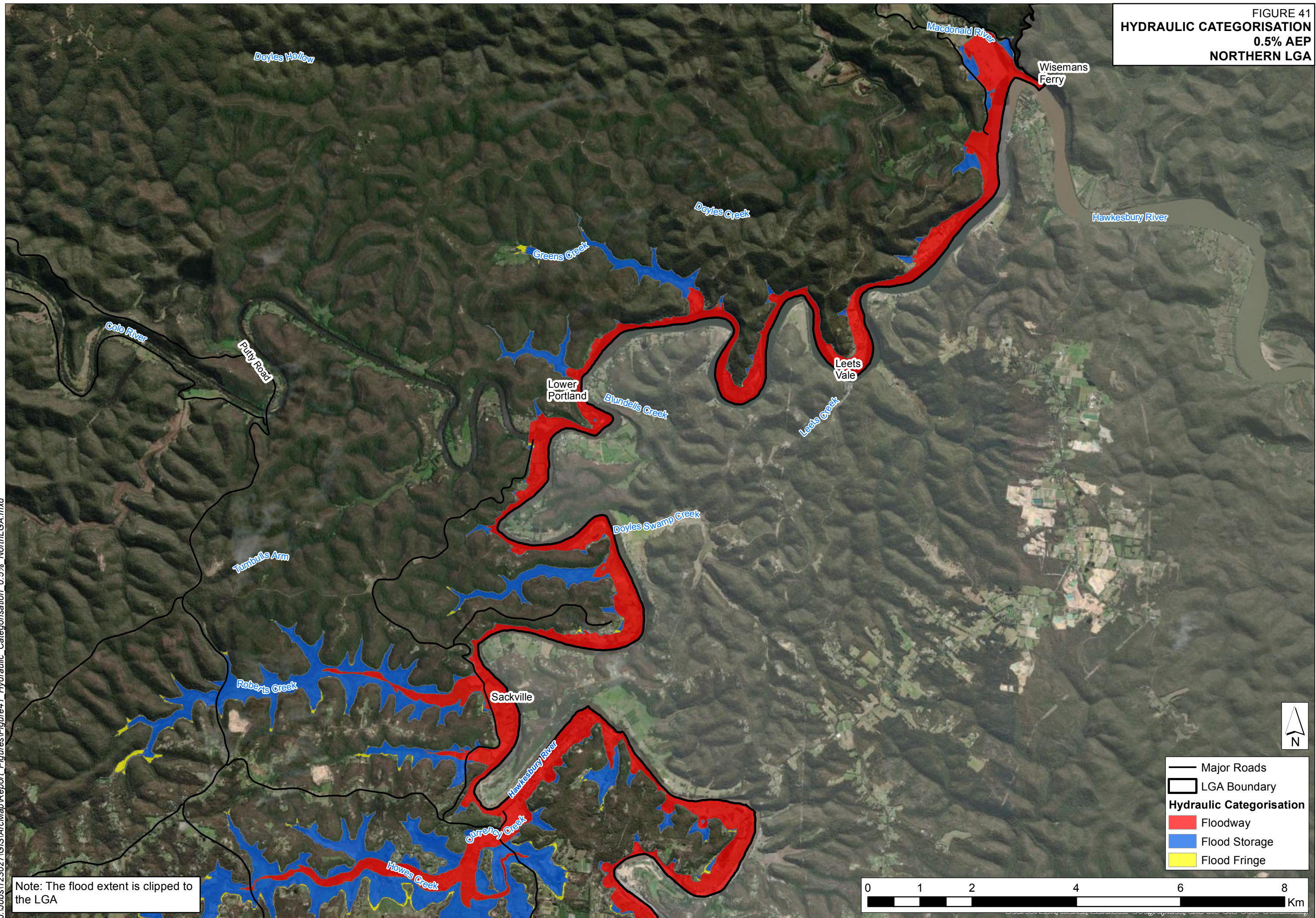
J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure40_Hydraulic_Categorisation_0.5%_Windsor.mxd

Note: The flood extent is clipped to the LGA

- Major Roads
- ▭ LGA Boundary
- Hydraulic Categorisation**
- Floodway
- Flood Storage
- Flood Fringe



FIGURE 41
HYDRAULIC CATEGORISATION
0.5% AEP
NORTHERN LGA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure41_Hydraulic_Categorisation_0.5%_NorthLGA.mxd

Note: The flood extent is clipped to the LGA

- Major Roads
- LGA Boundary
- Hydraulic Categorisation**
- Floodway
- Flood Storage
- Flood Fringe

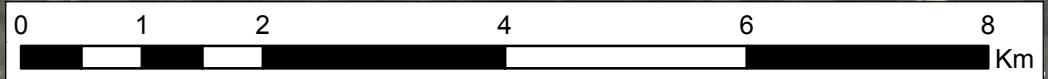
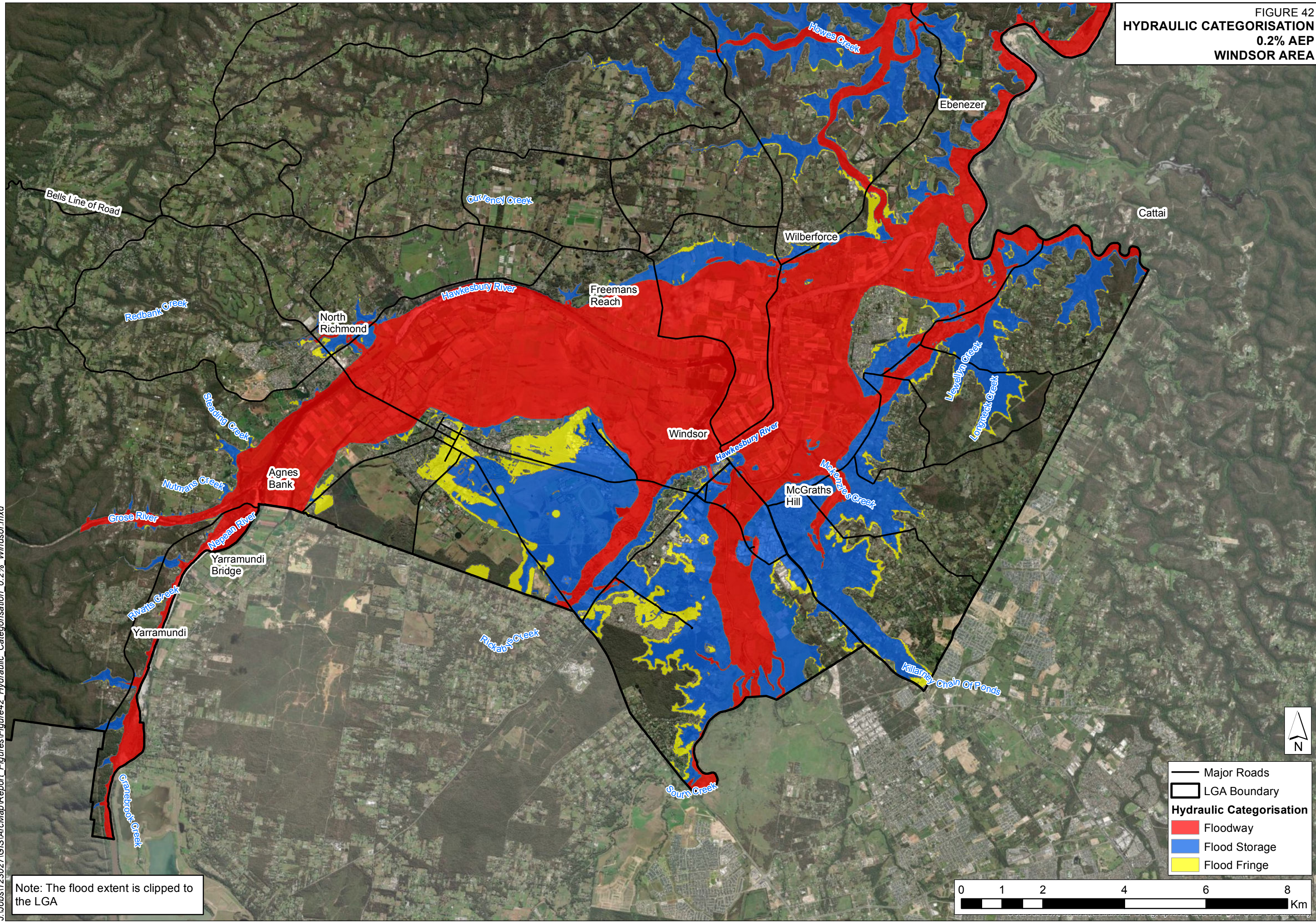


FIGURE 42
HYDRAULIC CATEGORISATION
0.2% AEP
WINDSOR AREA



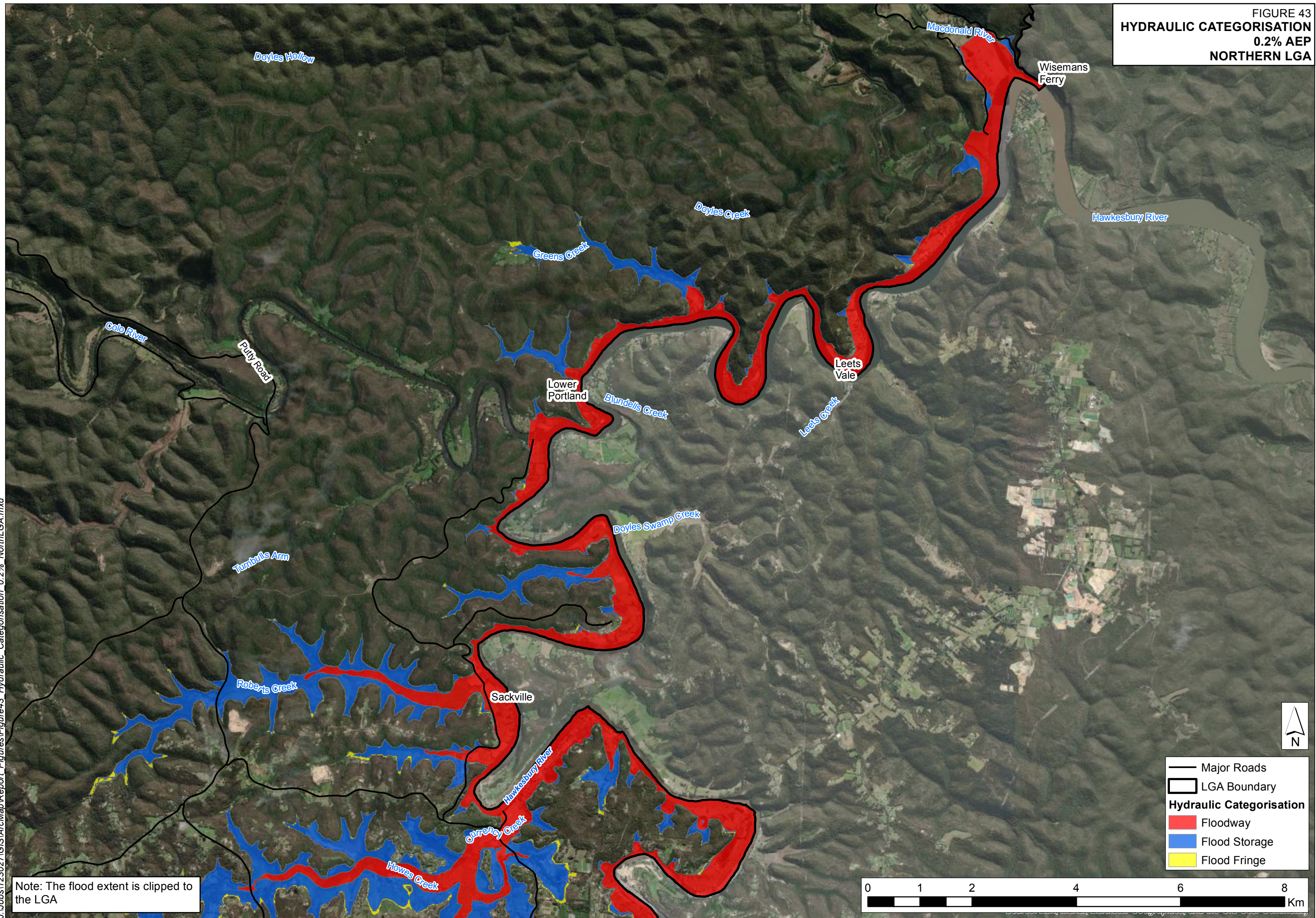
J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure42_Hydraulic_Categorisation_0.2%_Windsor.mxd

Note: The flood extent is clipped to the LGA

- Major Roads
- LGA Boundary
- Hydraulic Categorisation**
- Floodway
- Flood Storage
- Flood Fringe



FIGURE 43
HYDRAULIC CATEGORISATION
0.2% AEP
NORTHERN LGA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure43_Hydraulic_Categorisation_0.2%_NorthLGA.mxd

Note: The flood extent is clipped to the LGA

- Major Roads
- ▭ LGA Boundary
- Hydraulic Categorisation**
- Floodway
- Flood Storage
- Flood Fringe

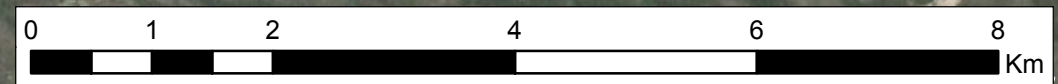
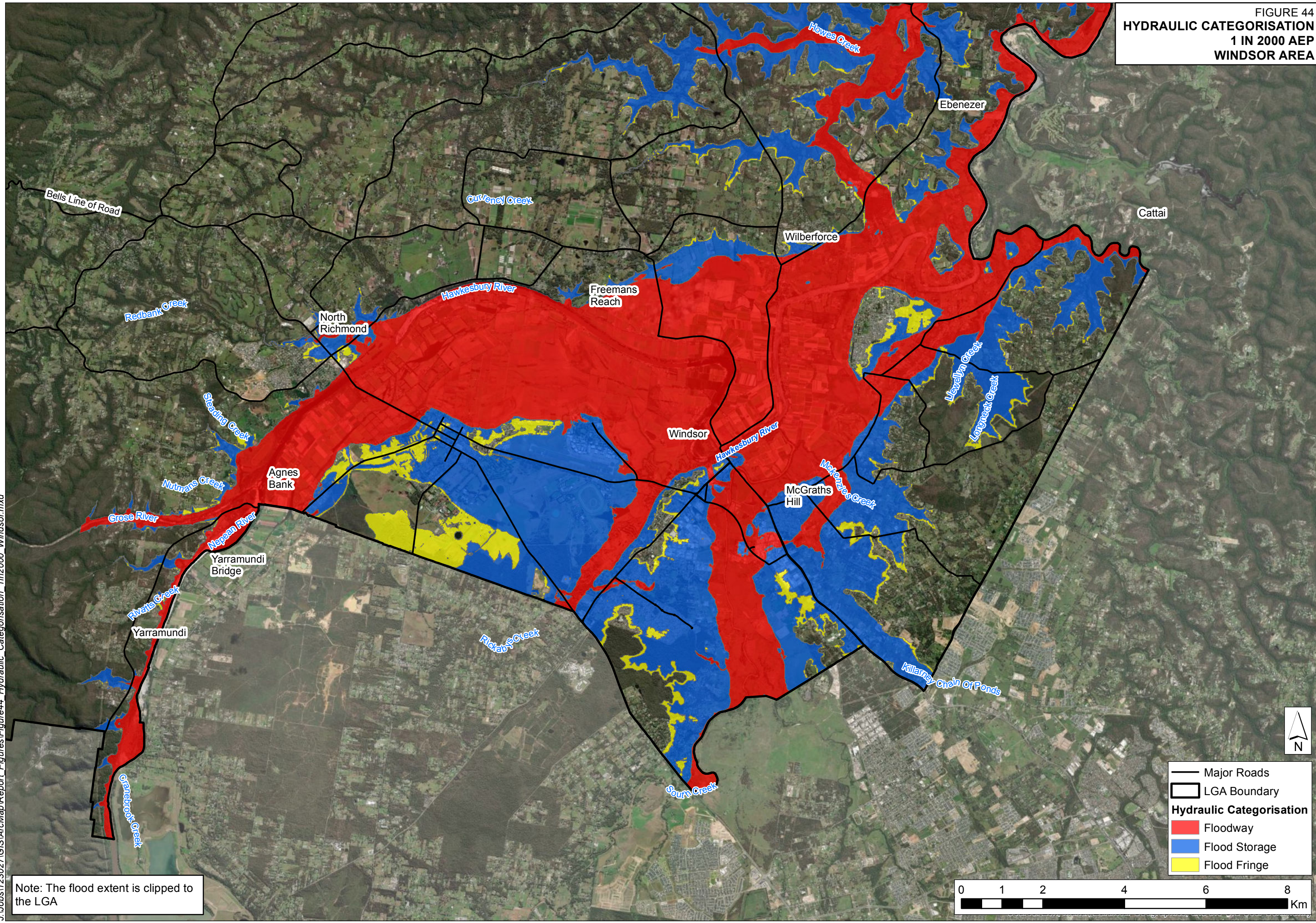


FIGURE 44
 HYDRAULIC CATEGORISATION
 1 IN 2000 AEP
 WINDSOR AREA



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure44_Hydraulic_Categorisation_1in2000_Windsor.mxd

Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Hydraulic Categorisation

- Floodway
- Flood Storage
- Flood Fringe

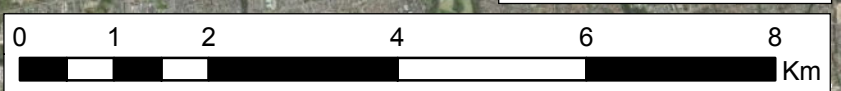
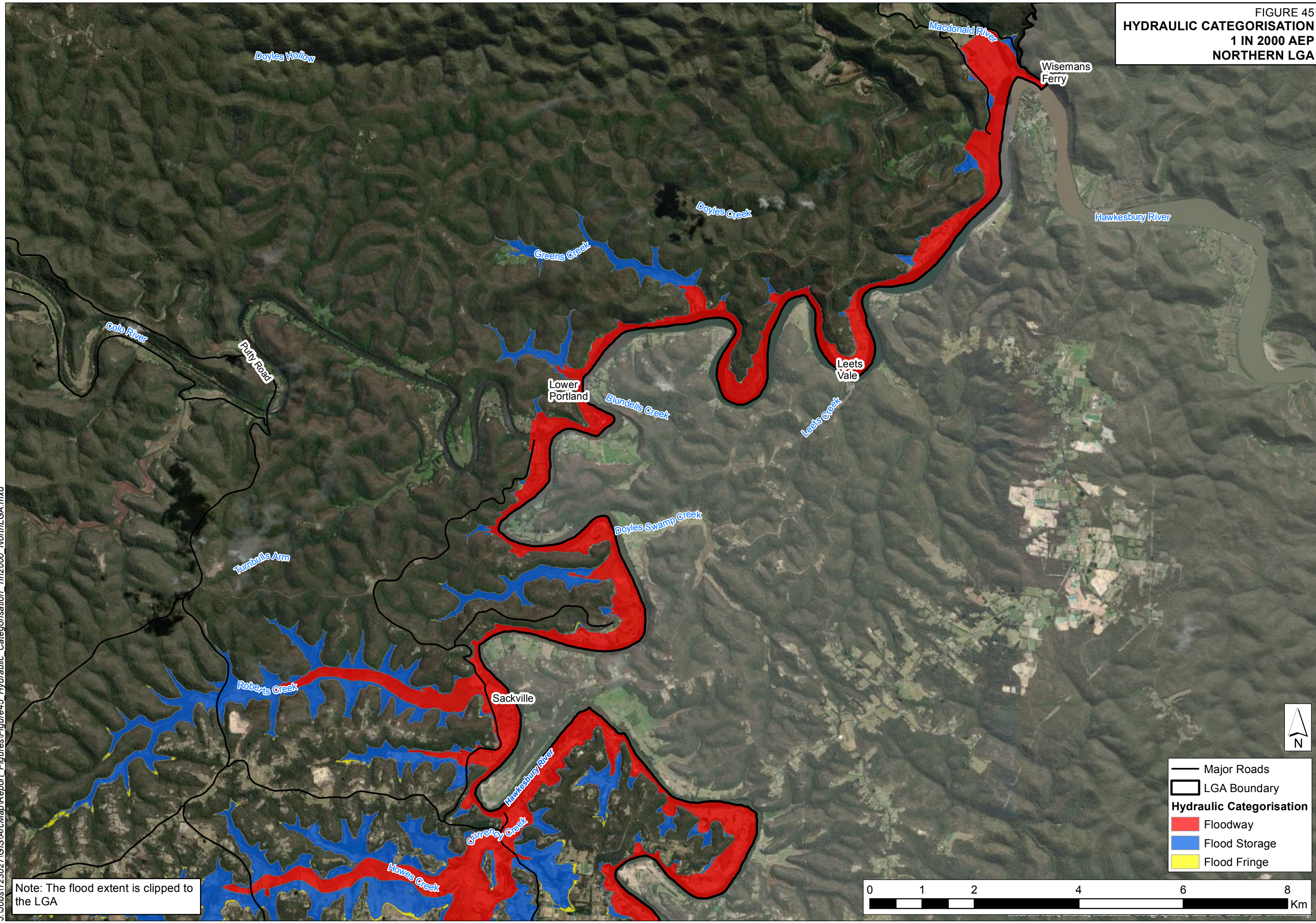
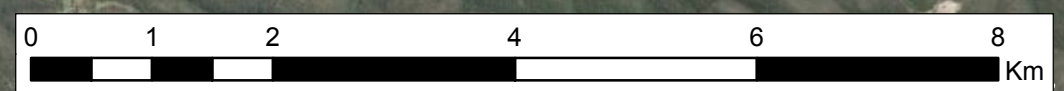


FIGURE 45
HYDRAULIC CATEGORISATION
1 IN 2000 AEP
NORTHERN LGA



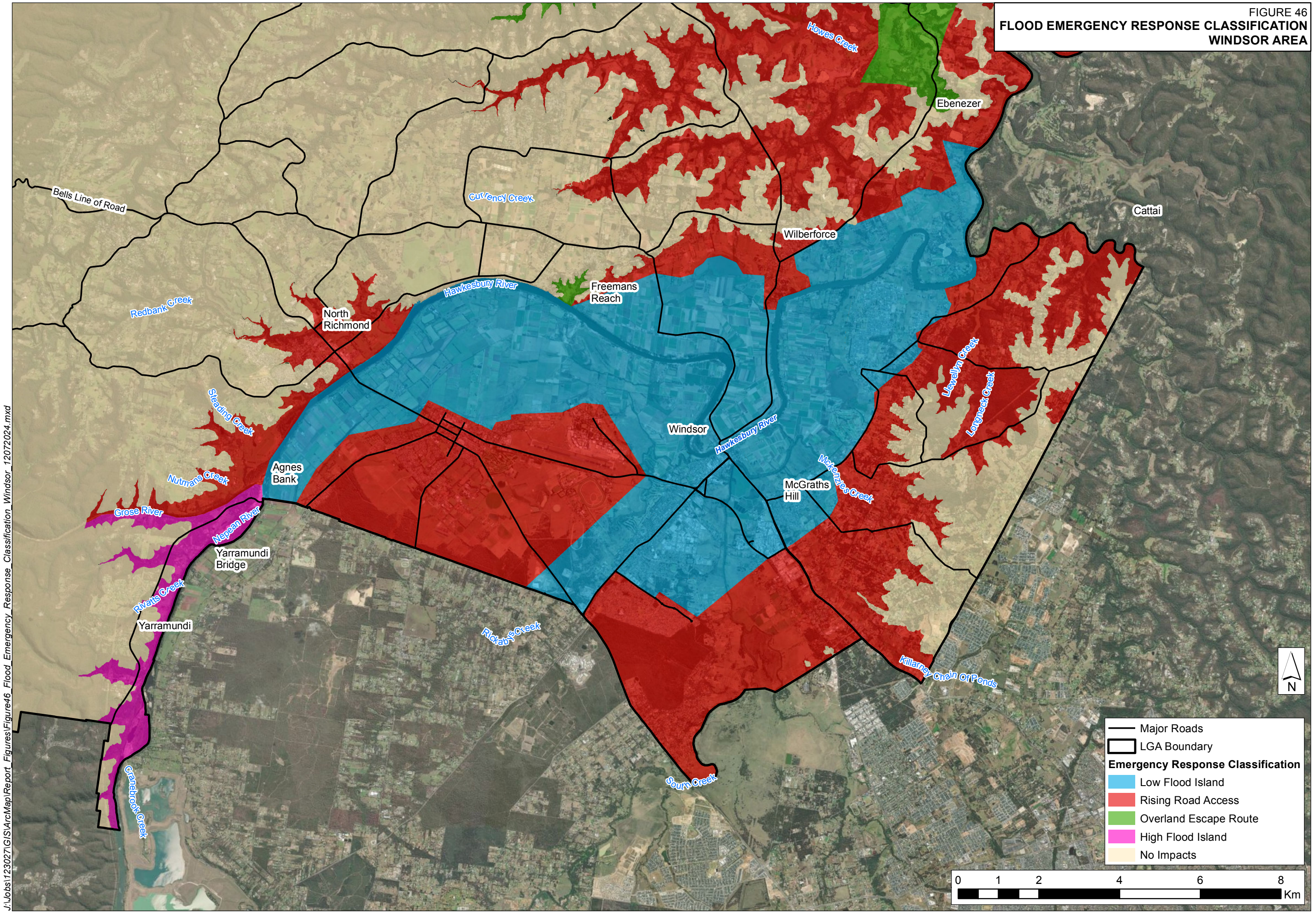
J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure45_Hydraulic_Categorisation_1in2000_NorthLGA.mxd

Note: The flood extent is clipped to the LGA



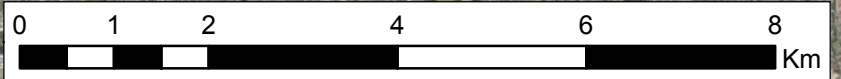
- Major Roads
- ▭ LGA Boundary
- Hydraulic Categorisation**
- Floodway
- Flood Storage
- Flood Fringe

FIGURE 46
**FLOOD EMERGENCY RESPONSE CLASSIFICATION
 WINDSOR AREA**

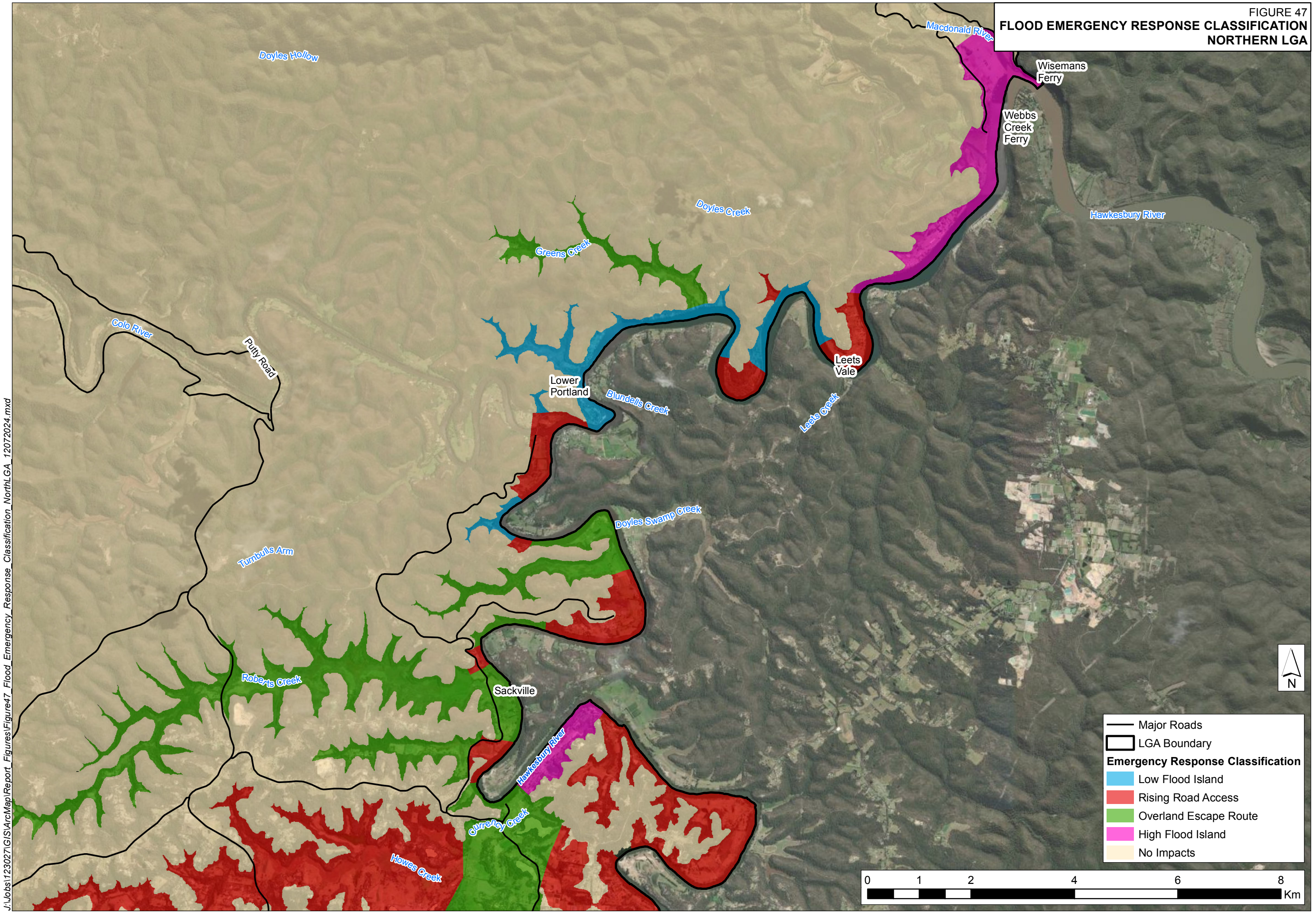


J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure46_Flood_Emergency_Response_Classification_Windsor_12072024.mxd

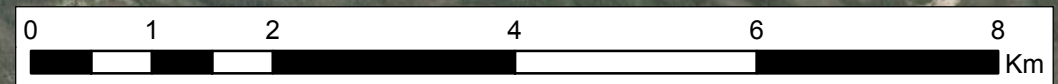
Major Roads
 LGA Boundary
Emergency Response Classification
 Low Flood Island
 Rising Road Access
 Overland Escape Route
 High Flood Island
 No Impacts



FLOOD EMERGENCY RESPONSE CLASSIFICATION
NORTHERN LGA

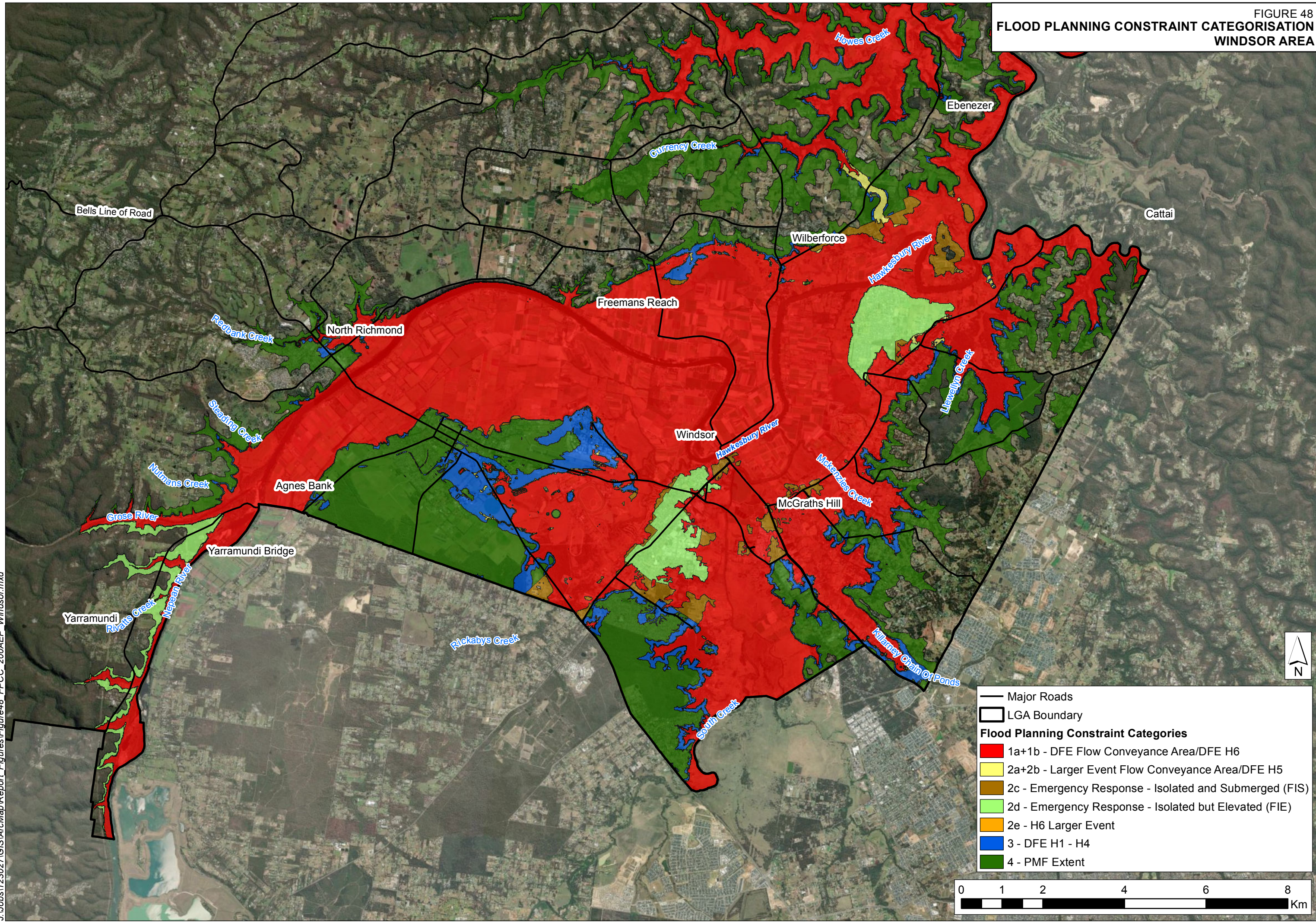


— Major Roads
 [Thick Black Line] LGA Boundary
Emergency Response Classification
 [Blue Box] Low Flood Island
 [Red Box] Rising Road Access
 [Green Box] Overland Escape Route
 [Pink Box] High Flood Island
 [Yellow Box] No Impacts

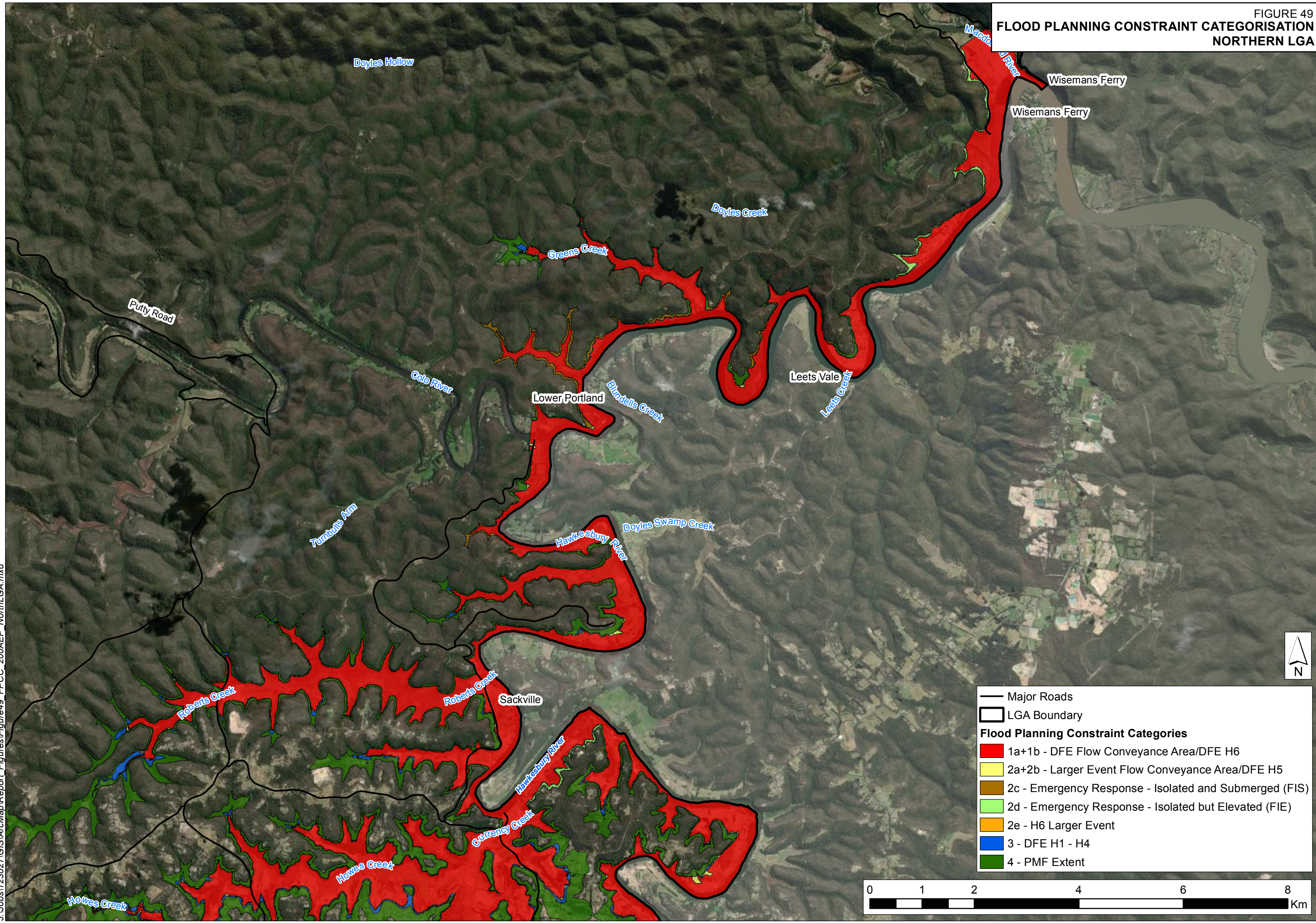


J:\Jobs\123027\GIS\Map\Report_Figures\Figure47_Flood_Emergency_Response_Classification_NorthLGA_12072024.mxd

FIGURE 48
**FLOOD PLANNING CONSTRAINT CATEGORISATION
 WINDSOR AREA**



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure48_FPCC_200AEP_Windsor.mxd



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure49_FPCC_200AEP_NorthLGA.mxd

— Major Roads
 □ LGA Boundary

Flood Planning Constraint Categories

- 1a+1b - DFE Flow Conveyance Area/DFE H6
- 2a+2b - Larger Event Flow Conveyance Area/DFE H5
- 2c - Emergency Response - Isolated and Submerged (FIS)
- 2d - Emergency Response - Isolated but Elevated (FIE)
- 2e - H6 Larger Event
- 3 - DFE H1 - H4
- 4 - PMF Extent

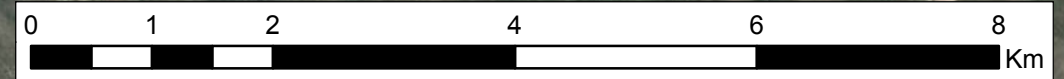
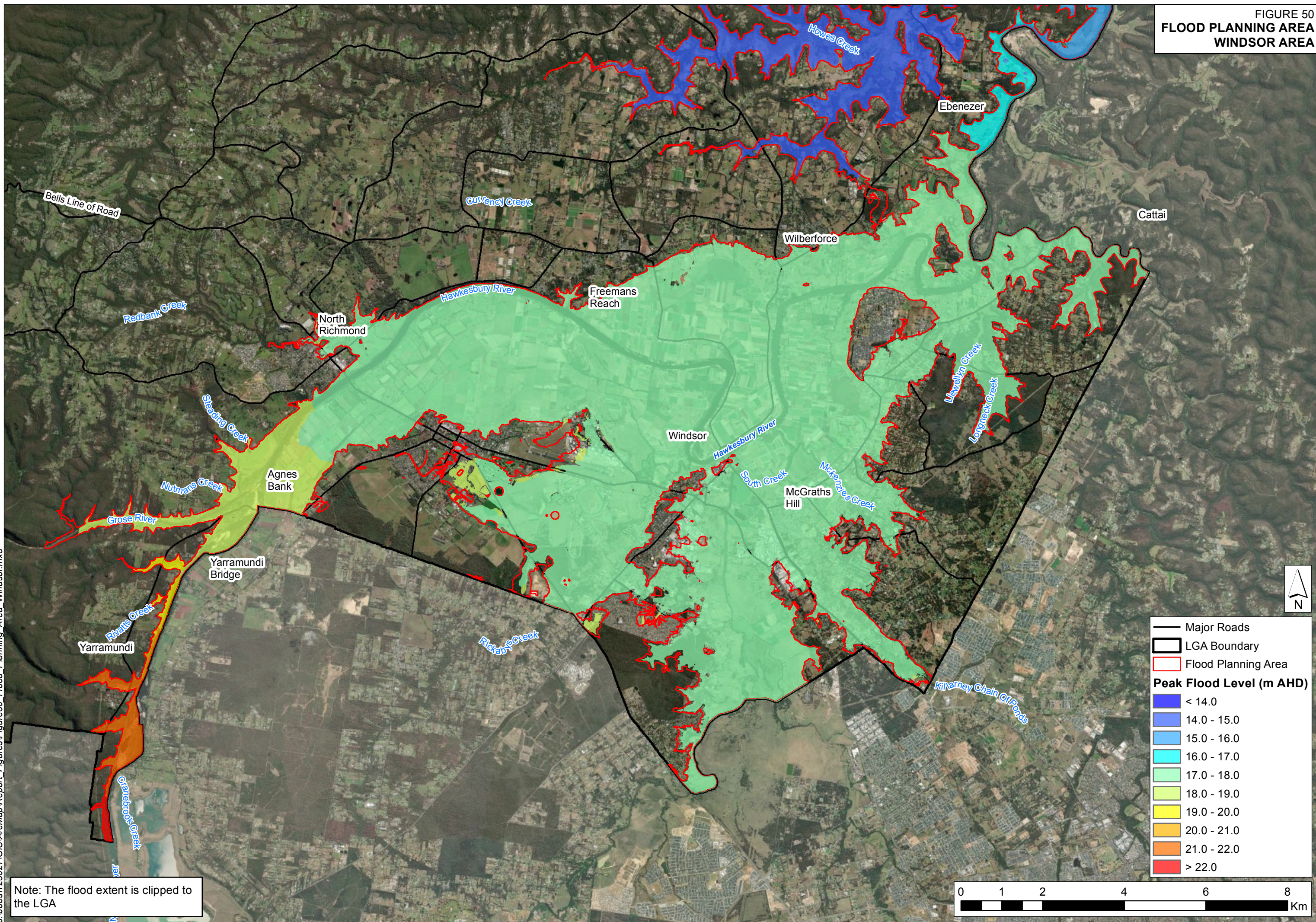
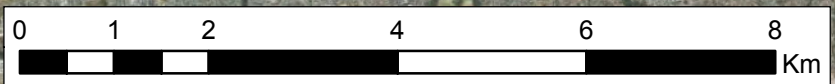


FIGURE 50
**FLOOD PLANNING AREA
 WINDSOR AREA**

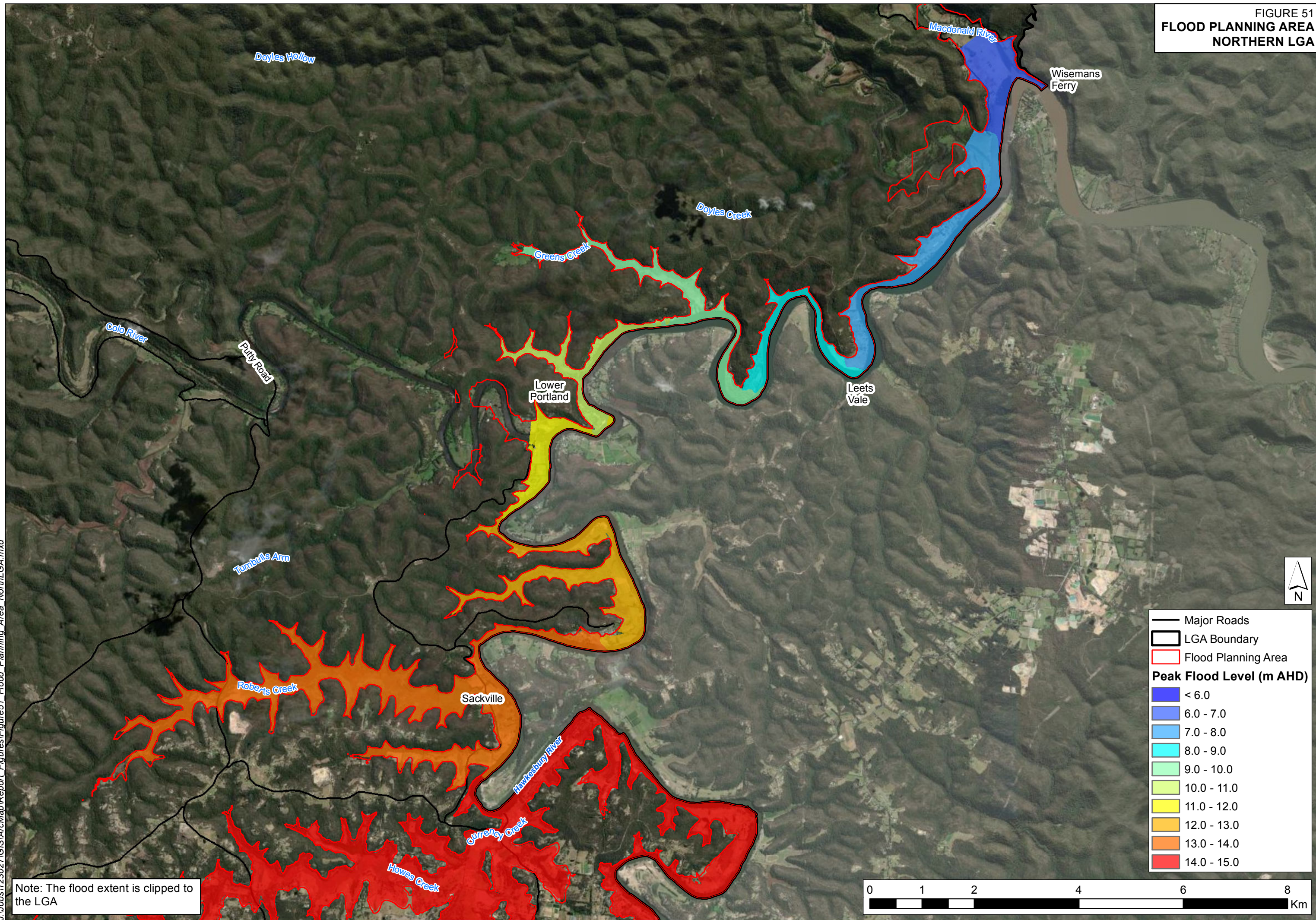


— Major Roads
 — LGA Boundary
 — Flood Planning Area
Peak Flood Level (m AHD)
 < 14.0
 14.0 - 15.0
 15.0 - 16.0
 16.0 - 17.0
 17.0 - 18.0
 18.0 - 19.0
 19.0 - 20.0
 20.0 - 21.0
 21.0 - 22.0
 > 22.0

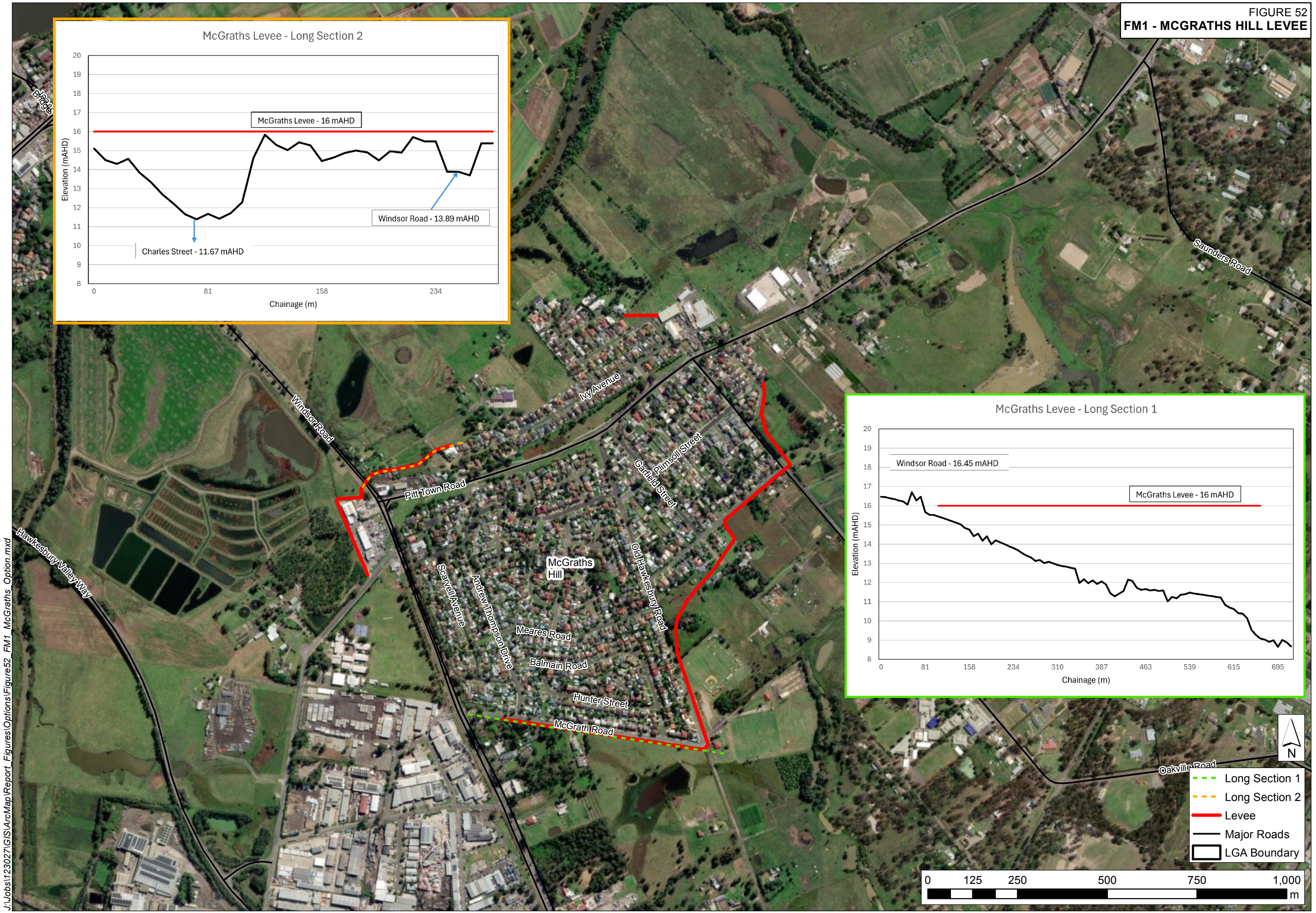
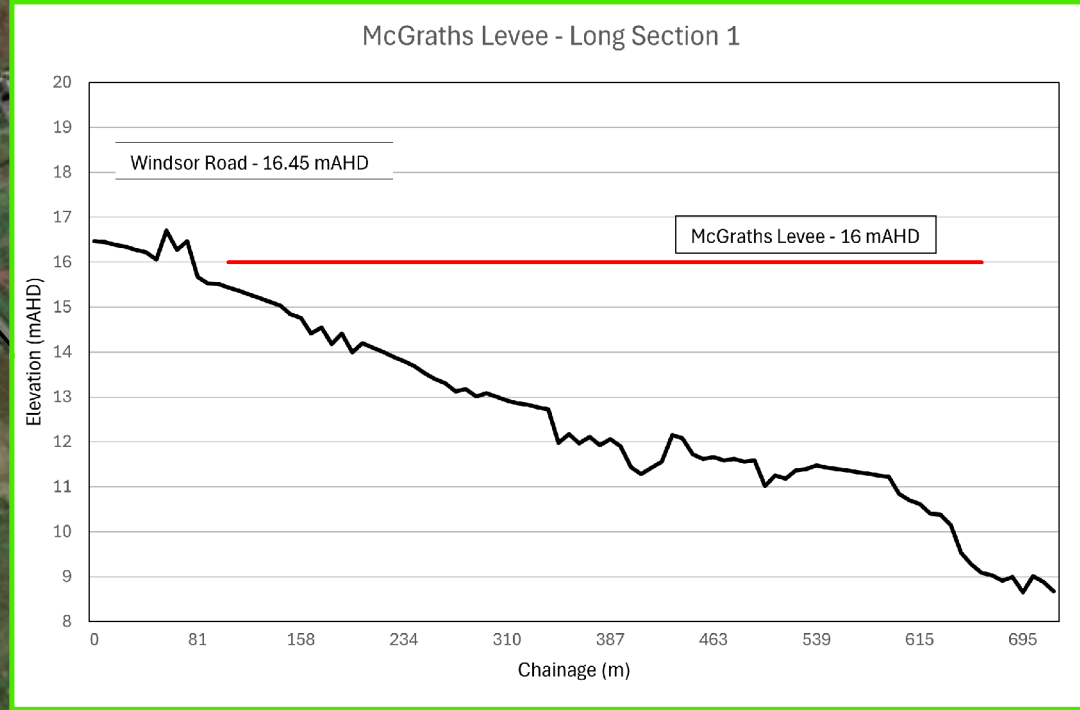
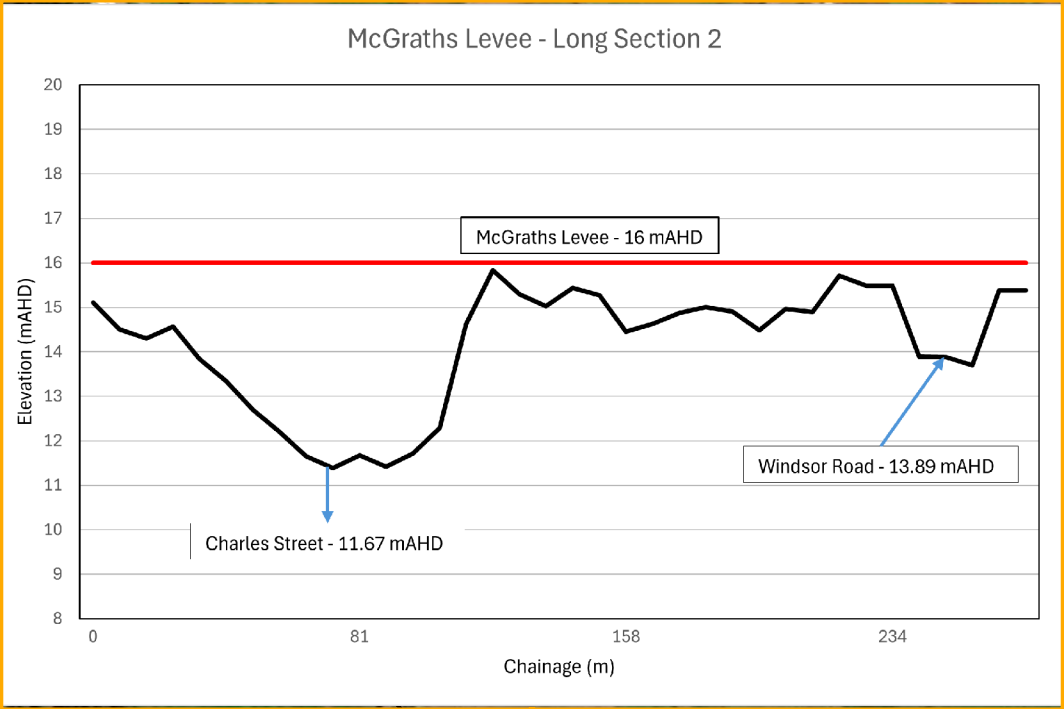


Note: The flood extent is clipped to the LGA

FIGURE 51
FLOOD PLANNING AREA
NORTHERN LGA



Note: The flood extent is clipped to the LGA

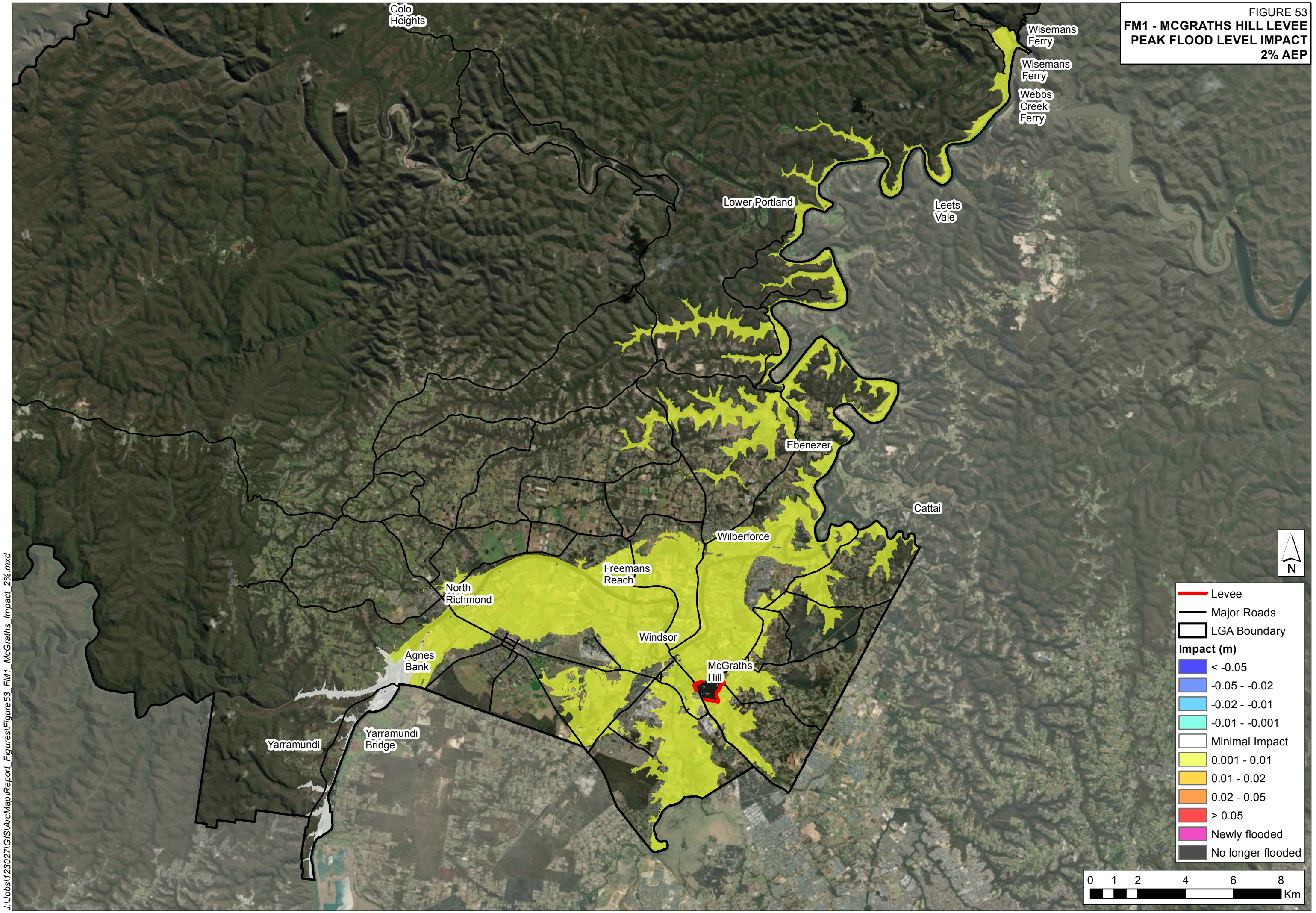


J:\Jobs\123027\GIS\ArcMap\Report_Figures\Options\Figure52_FM1_McGraths_Option.mxd



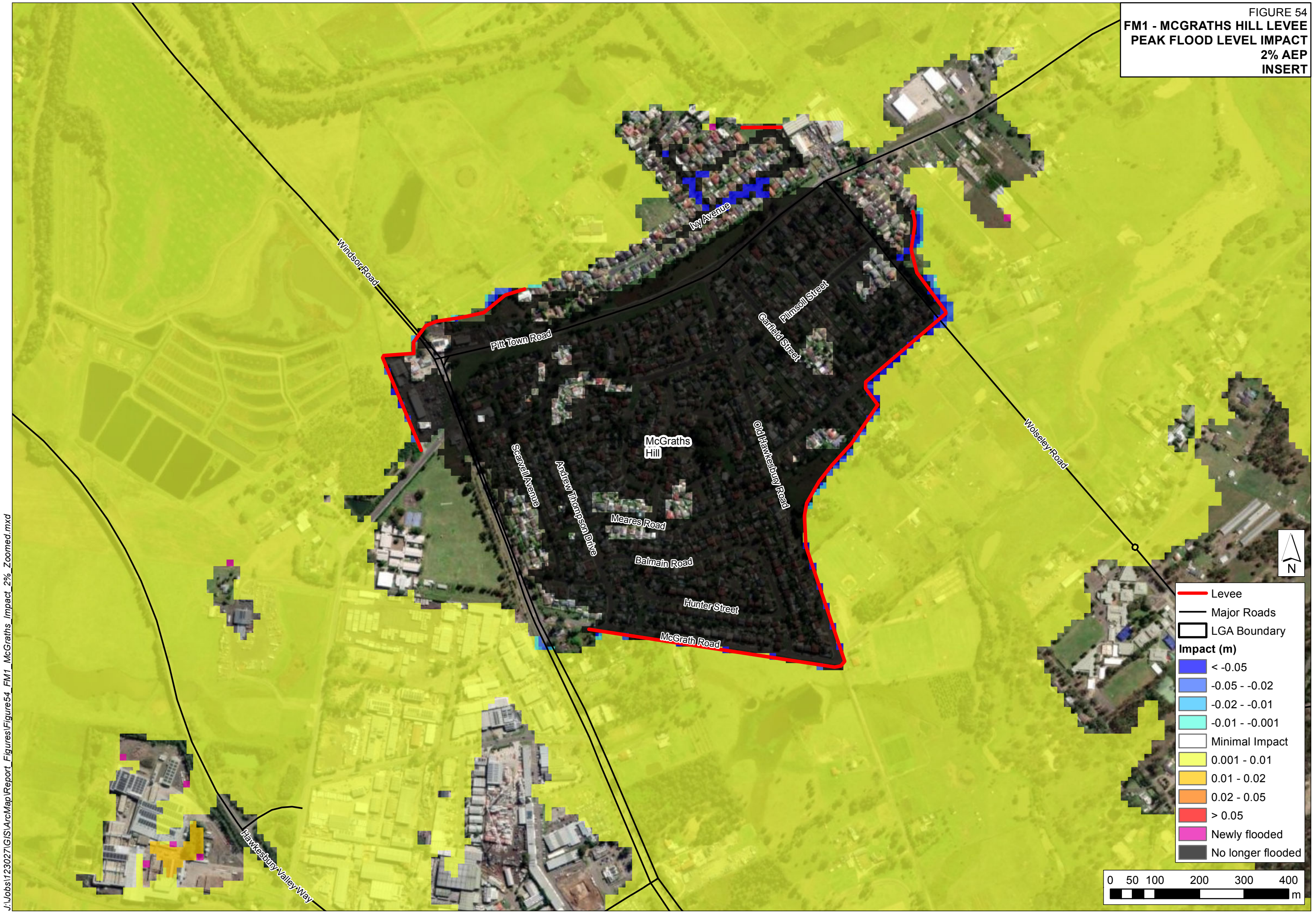
- Long Section 1
- Long Section 2
- Levee
- Major Roads
- LGA Boundary

FIGURE 53
 FM1 - MCGRATHS HILL LEVEE
 PEAK FLOOD LEVEL IMPACT
 2% AEP



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure53_FM1_McGraths_Impact_2%.mxd

FIGURE 54
 FM1 - MCGRATHS HILL LEVEE
 PEAK FLOOD LEVEL IMPACT
 2% AEP
 INSERT



J:\Jobs\123027\GIS\ArcMap\Report_Figures\Figure54_FM1_McGraths_Impact_2%_Zoomed.mxd

- Levee
- Major Roads
- LGA Boundary
- Impact (m)**
- < -0.05
- 0.05 - -0.02
- 0.02 - -0.01
- 0.01 - -0.001
- Minimal Impact
- 0.001 - 0.01
- 0.01 - 0.02
- 0.02 - 0.05
- > 0.05
- Newly flooded
- No longer flooded

