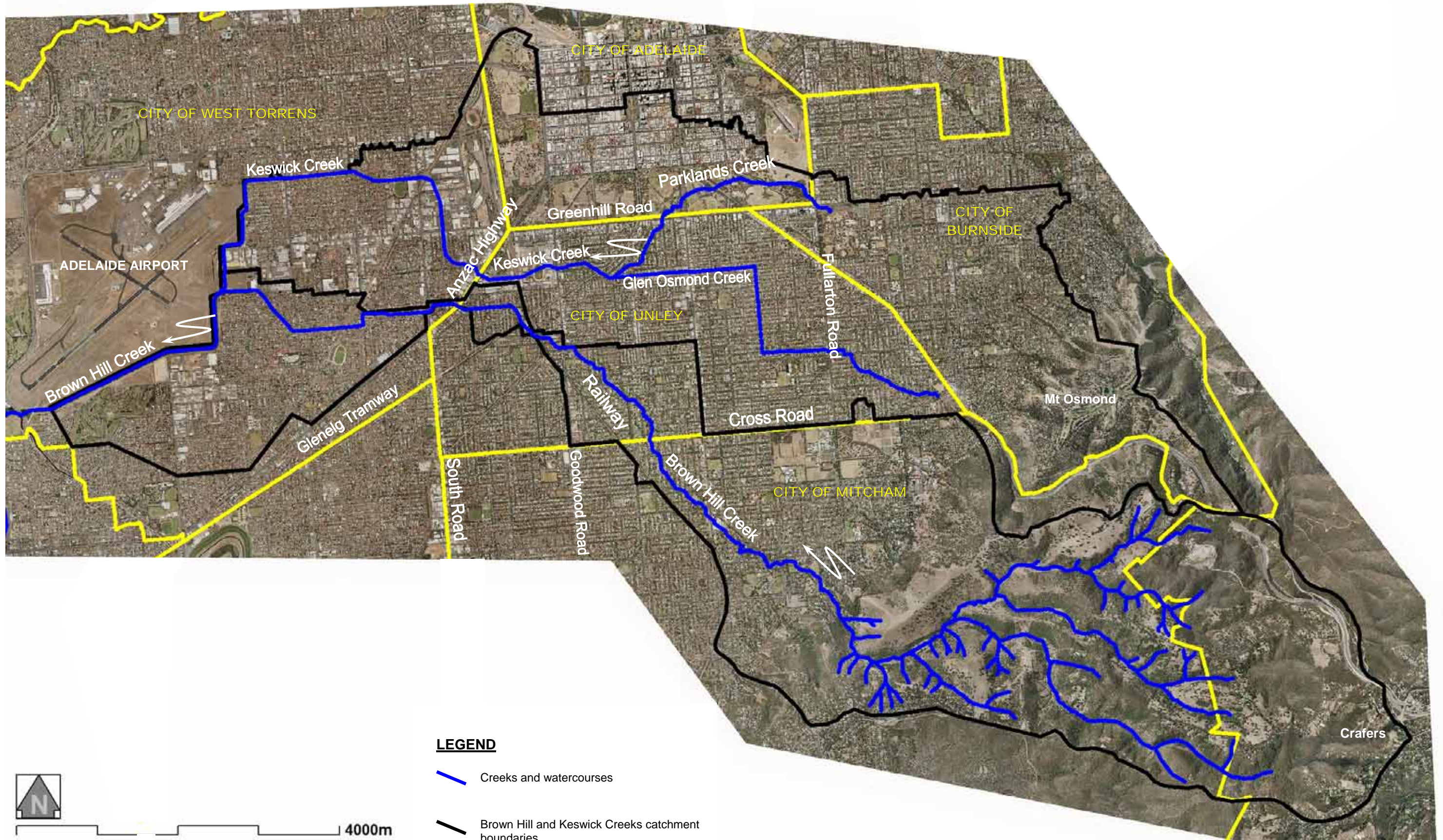





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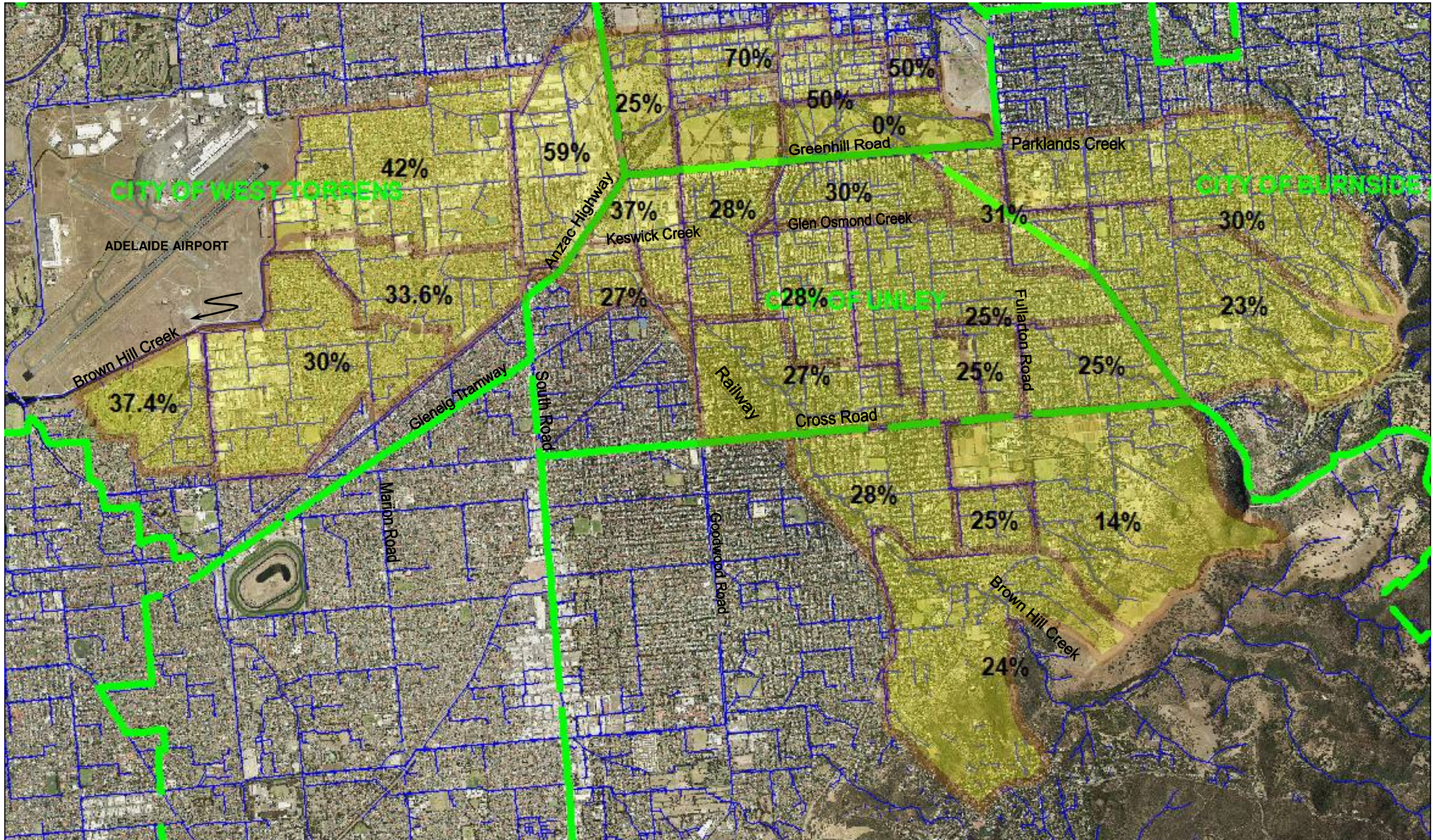
LEGEND

-  Creeks and watercourses
-  Brown Hill and Keswick Creeks catchment boundaries
-  Council Area Boundary

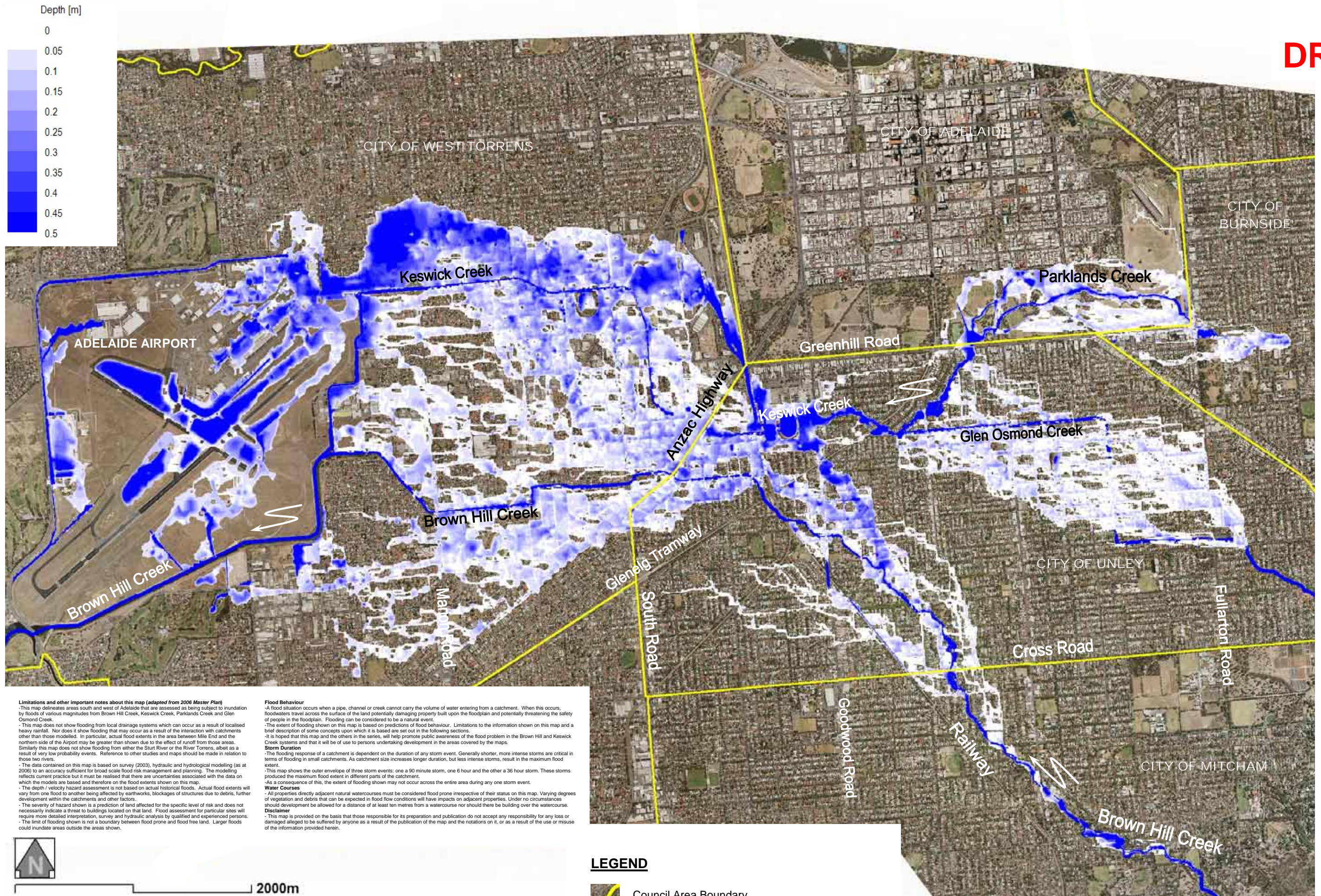


4000m

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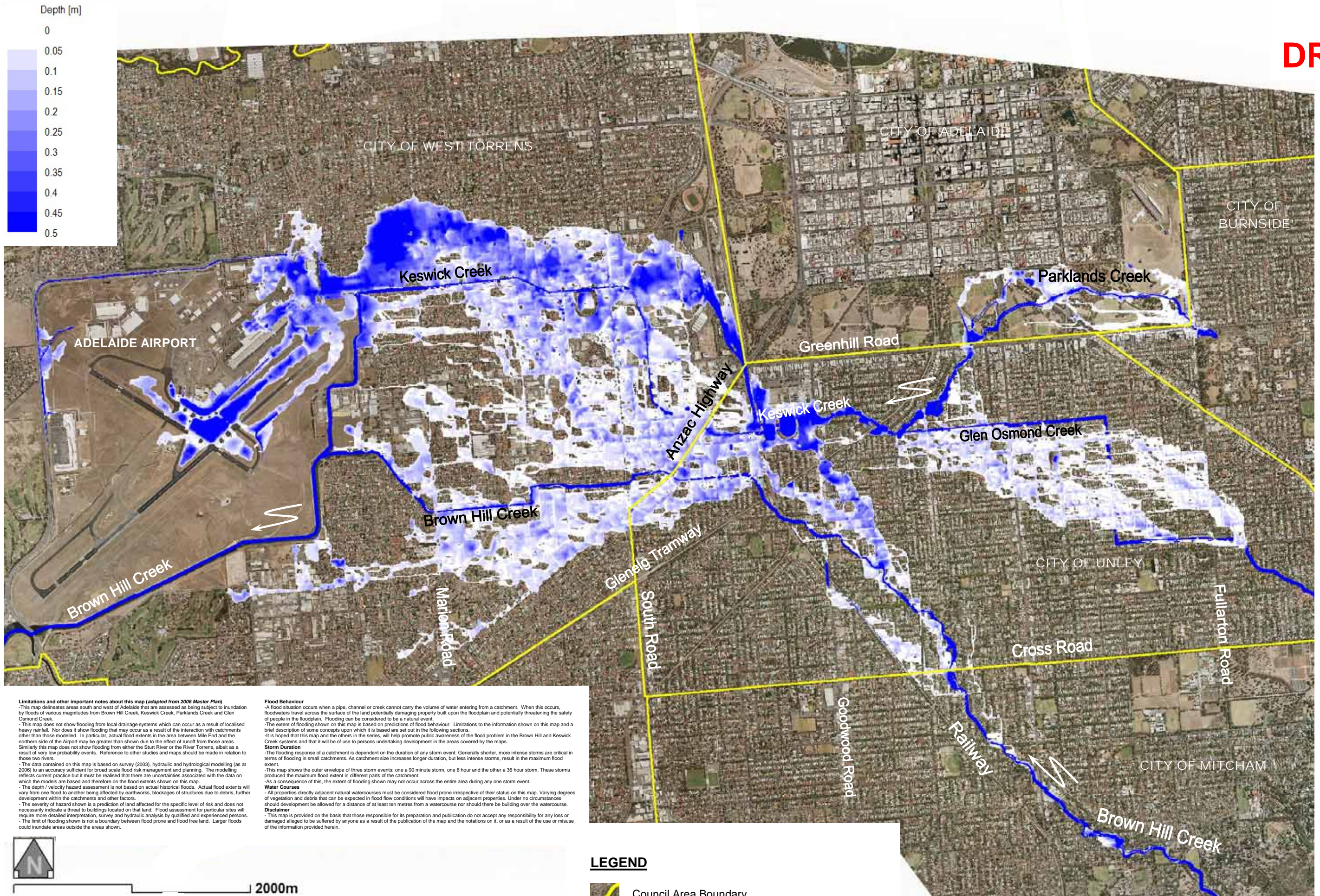
LEGEND

Council Area Boundary

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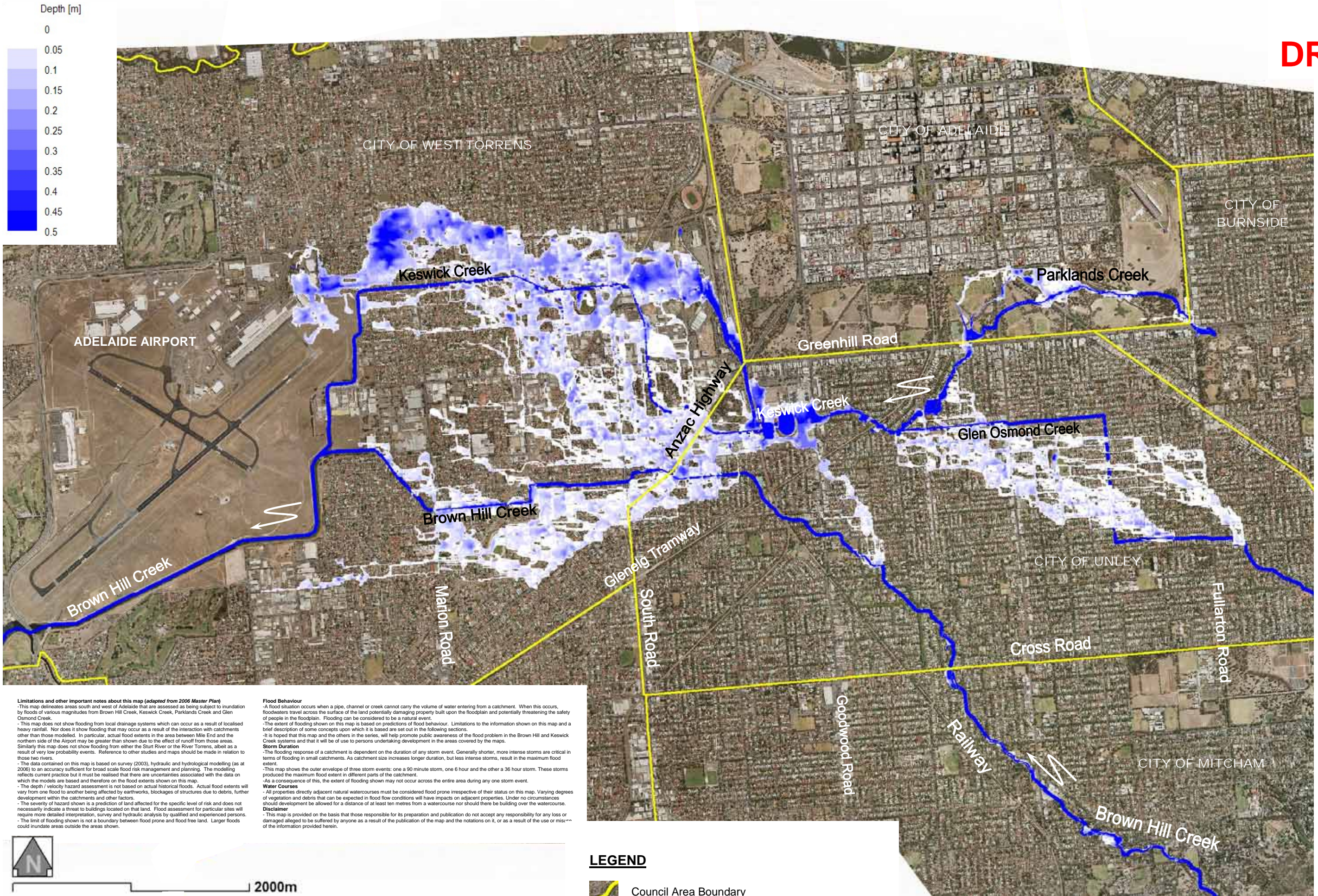


LEGEND

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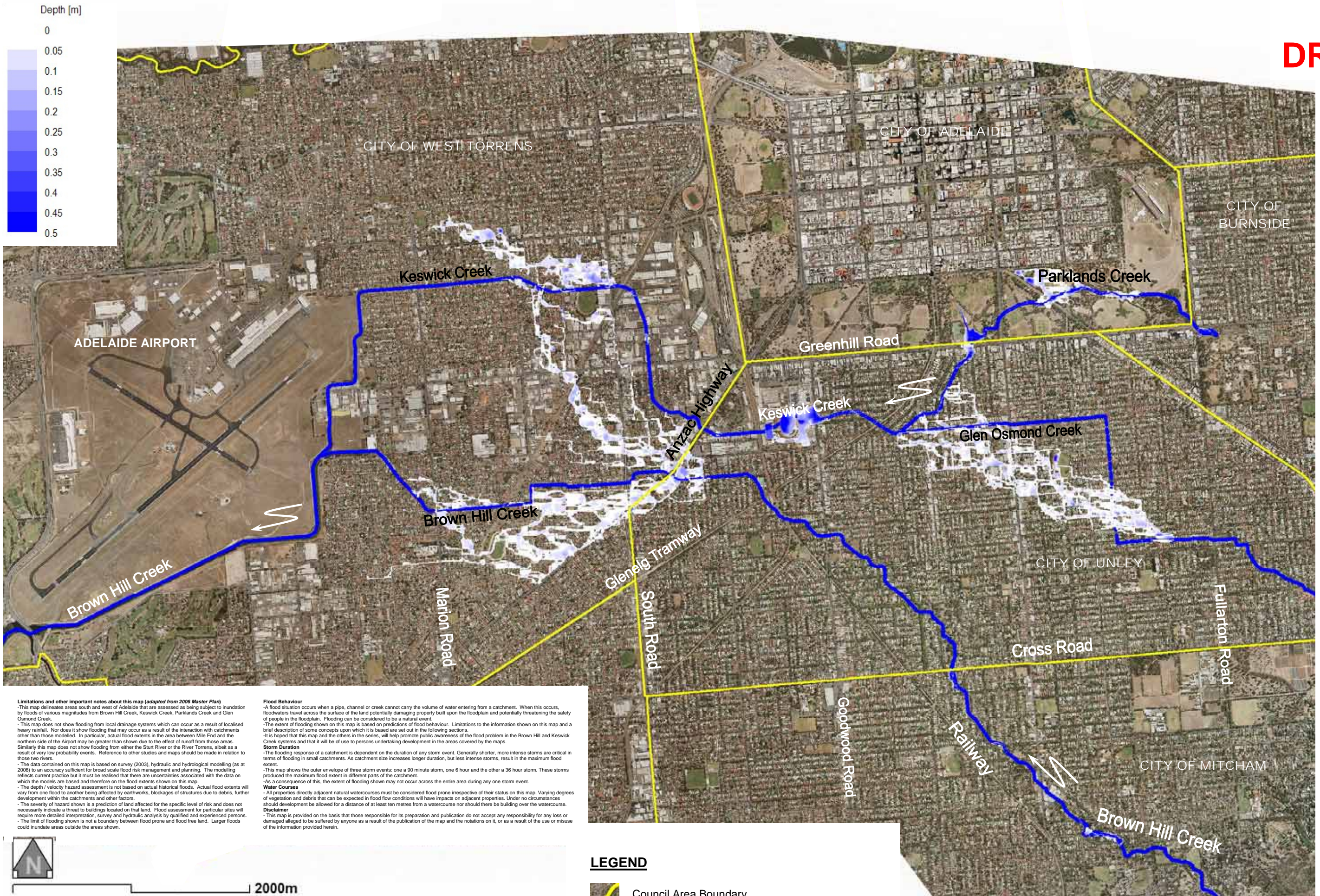
LEGEND

Council Area Boundary

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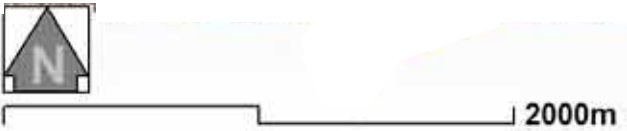


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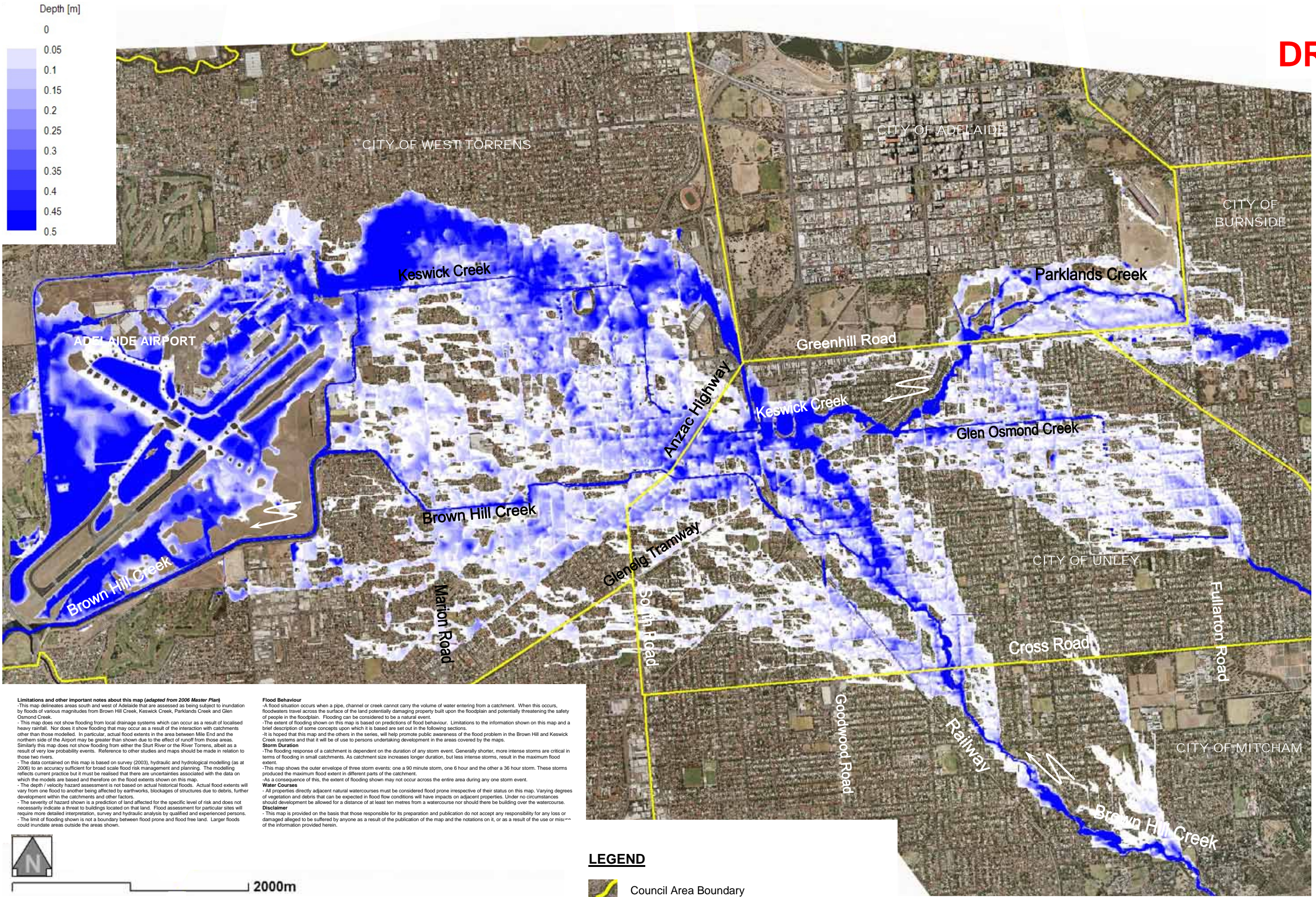
LEGEND

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DRAFT



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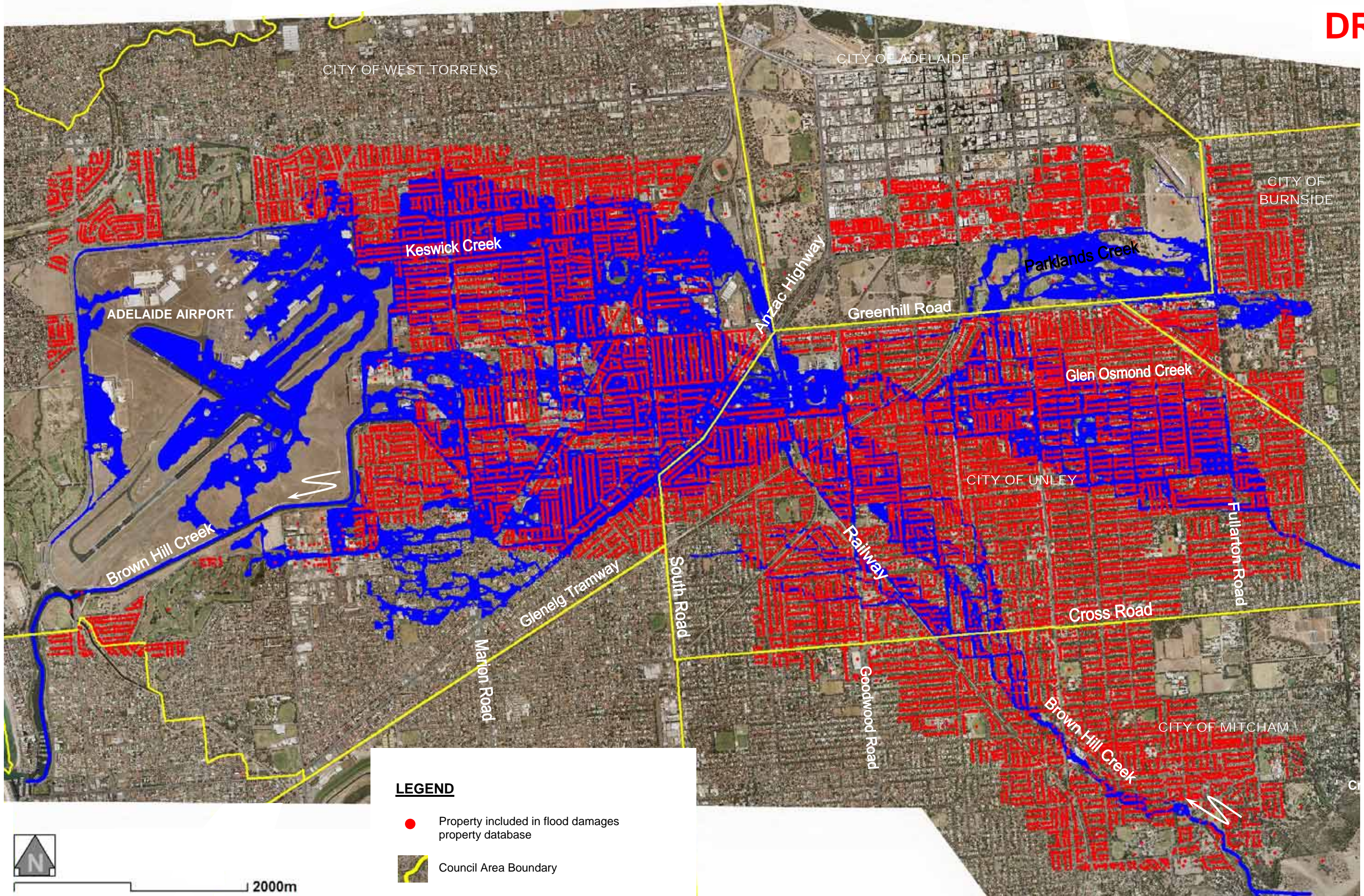
LEGEND

Council Area Boundary

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LEGEND

- Property included in flood damages property database
- Council Area Boundary

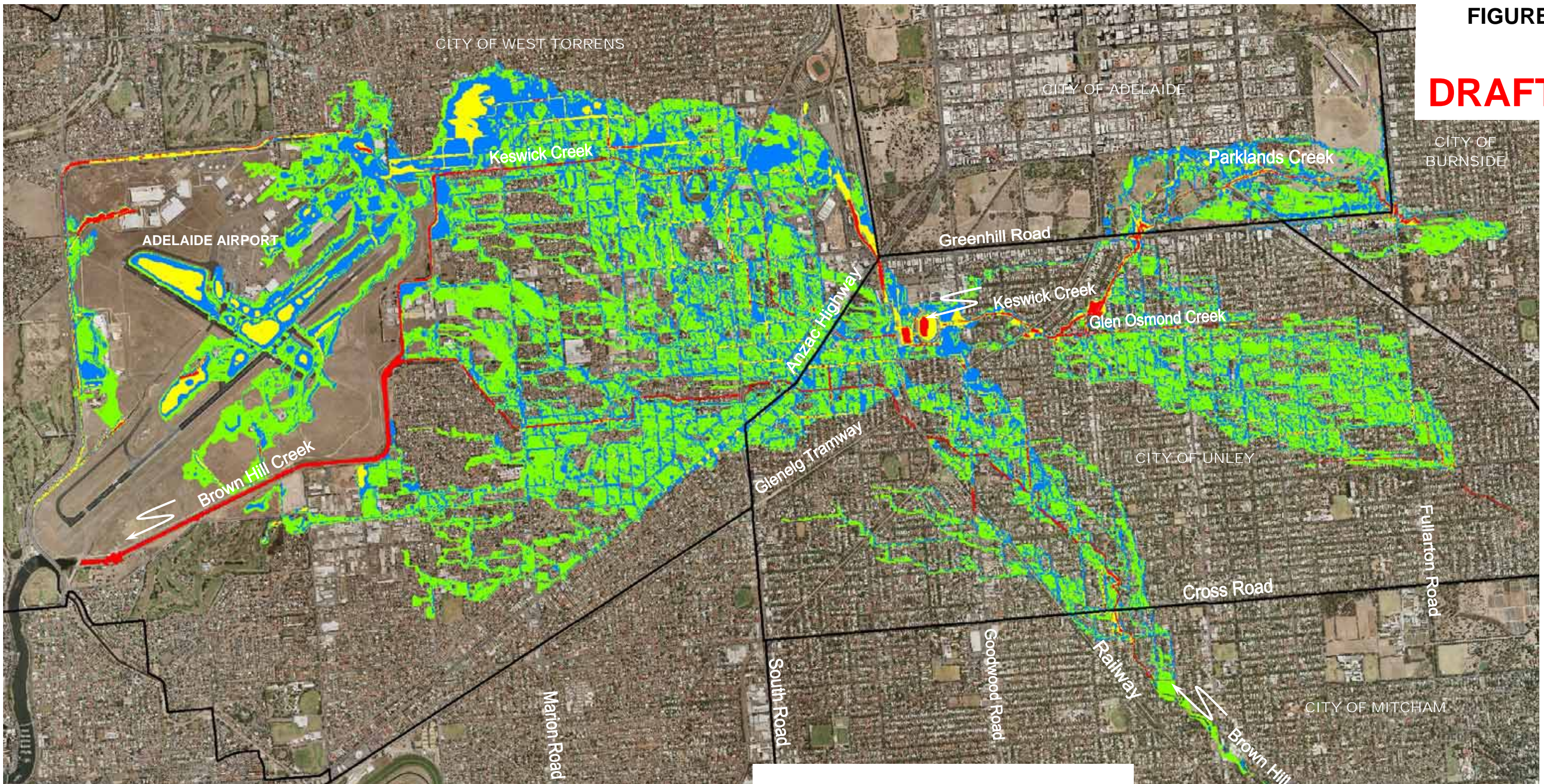
Note Flood mapping is for 100 year ARI Base Case scenario.



2000m



DRAFT



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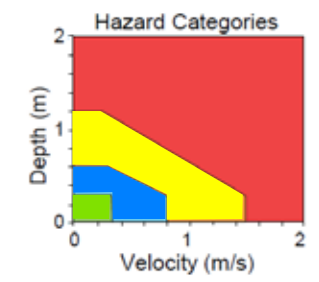
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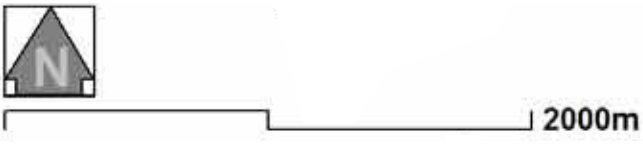
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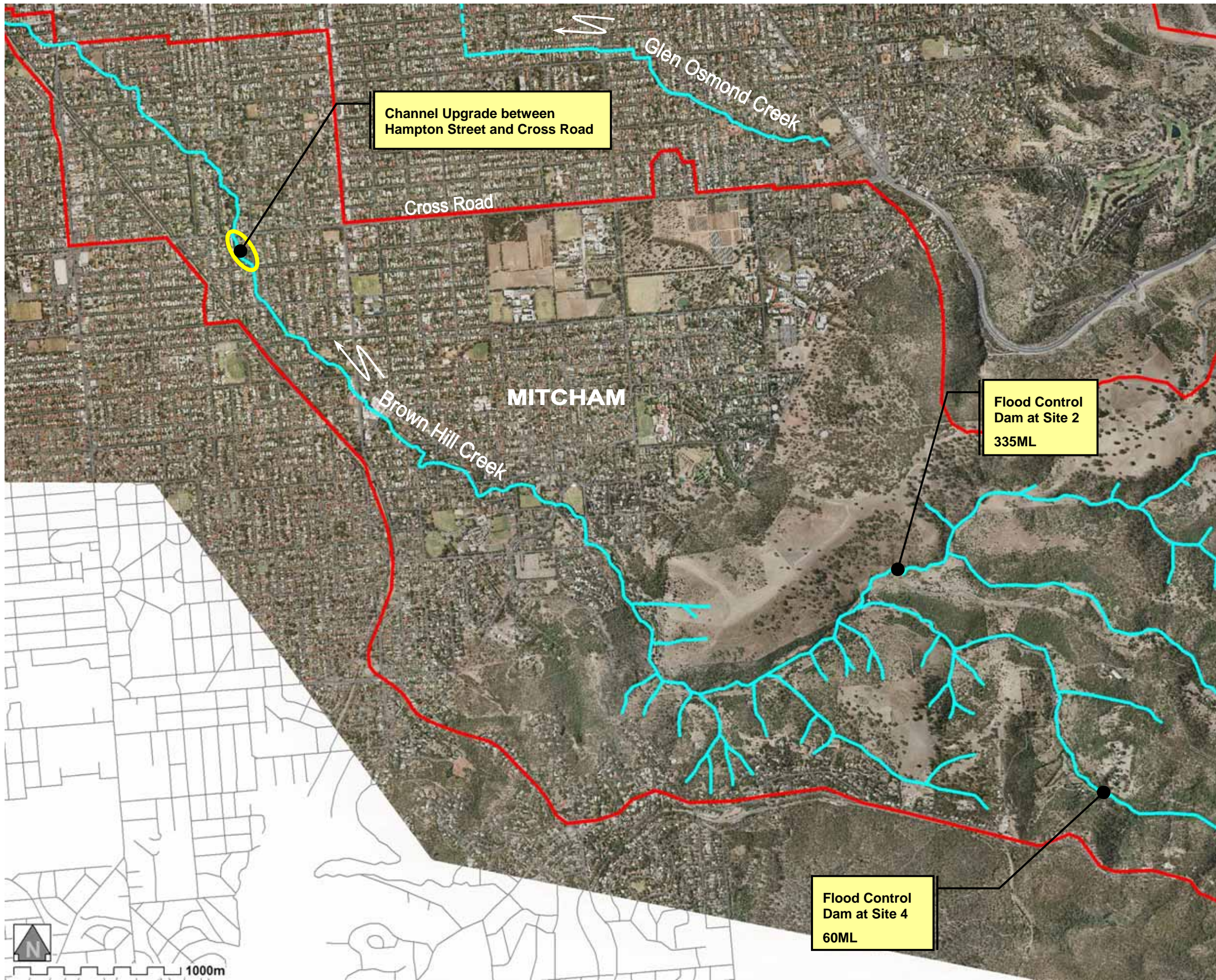
- Hazard Category**
- Low
 - Medium
 - High
 - Extreme





(Hazard Categories adapted from 2006 Master Plan)

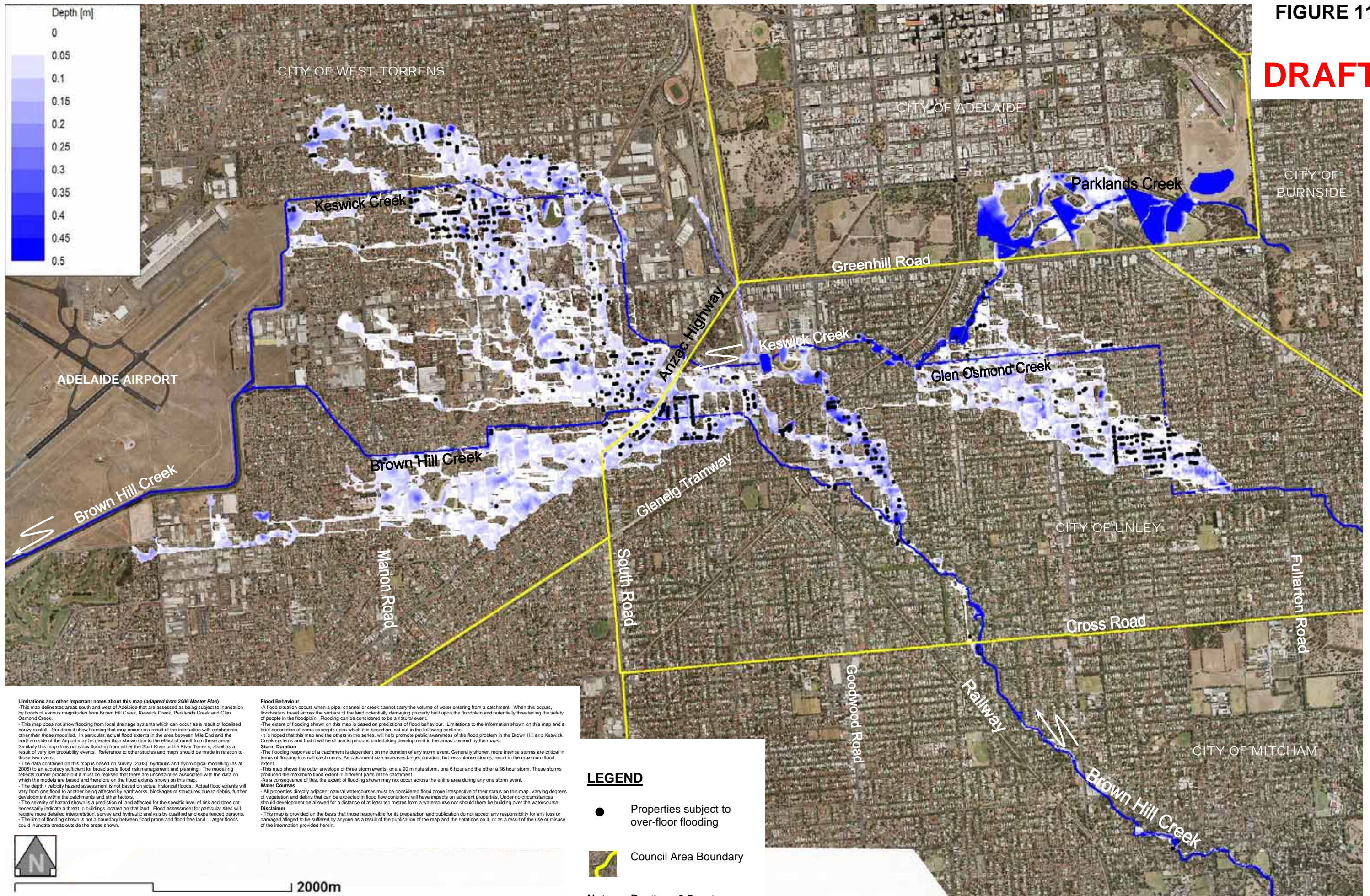


— Council Area Boundary



LEGEND

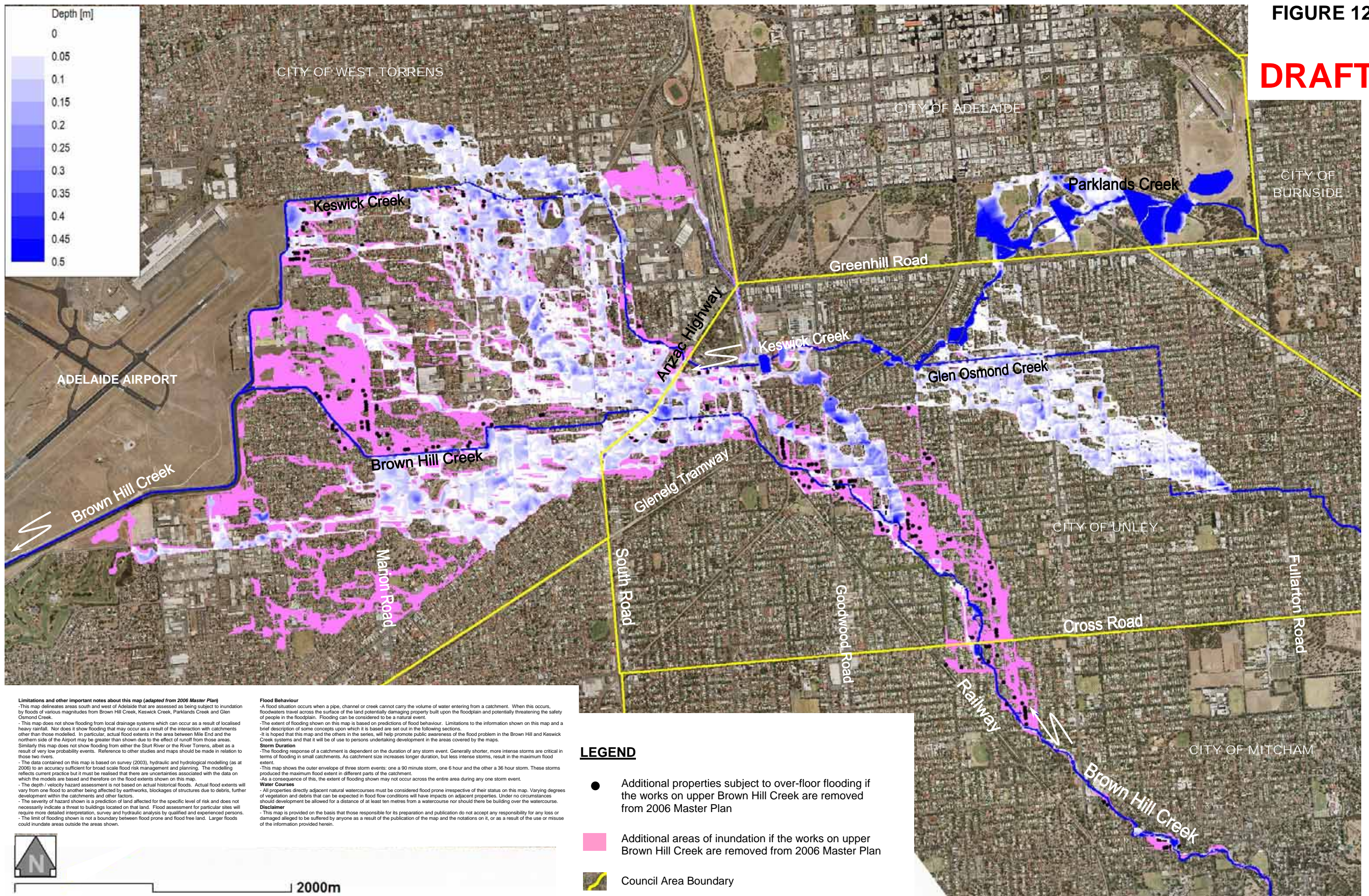
-  Catchment Boundary
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- LEGEND**
- Properties subject to over-floor flooding
 - ▬ Council Area Boundary
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Flood Behaviour

- A flood situation occurs when a pipe, channel or creek cannot carry the volume of water entering from a catchment. When this occurs, floodwaters travel across the surface of the land potentially damaging property built upon the floodplain and potentially threatening the safety of people in the floodplain. Flooding can be considered to be a natural event.

- The extent of flooding shown on this map is based on predictions of flood behaviour. Limitations to the information shown on this map and a brief description of some concepts upon which it is based are set out in the following sections.

- It is hoped that this map and the others in the series, will help promote public awareness of the flood problem in the Brown Hill and Keswick Creek systems and that it will be of use to persons undertaking development in the areas covered by the maps.

Storm Duration
- The flooding response of a catchment is dependent on the duration of any storm event. Generally shorter, more intense storms are critical in terms of flooding in small catchments. As catchment size increases longer duration, but less intense storms, result in the maximum flood extent.

- This map shows the outer envelope of three storm events: one a 90 minute storm, one 6 hour and the other a 36 hour storm. These storms produced the maximum flood extent in different parts of the catchment.

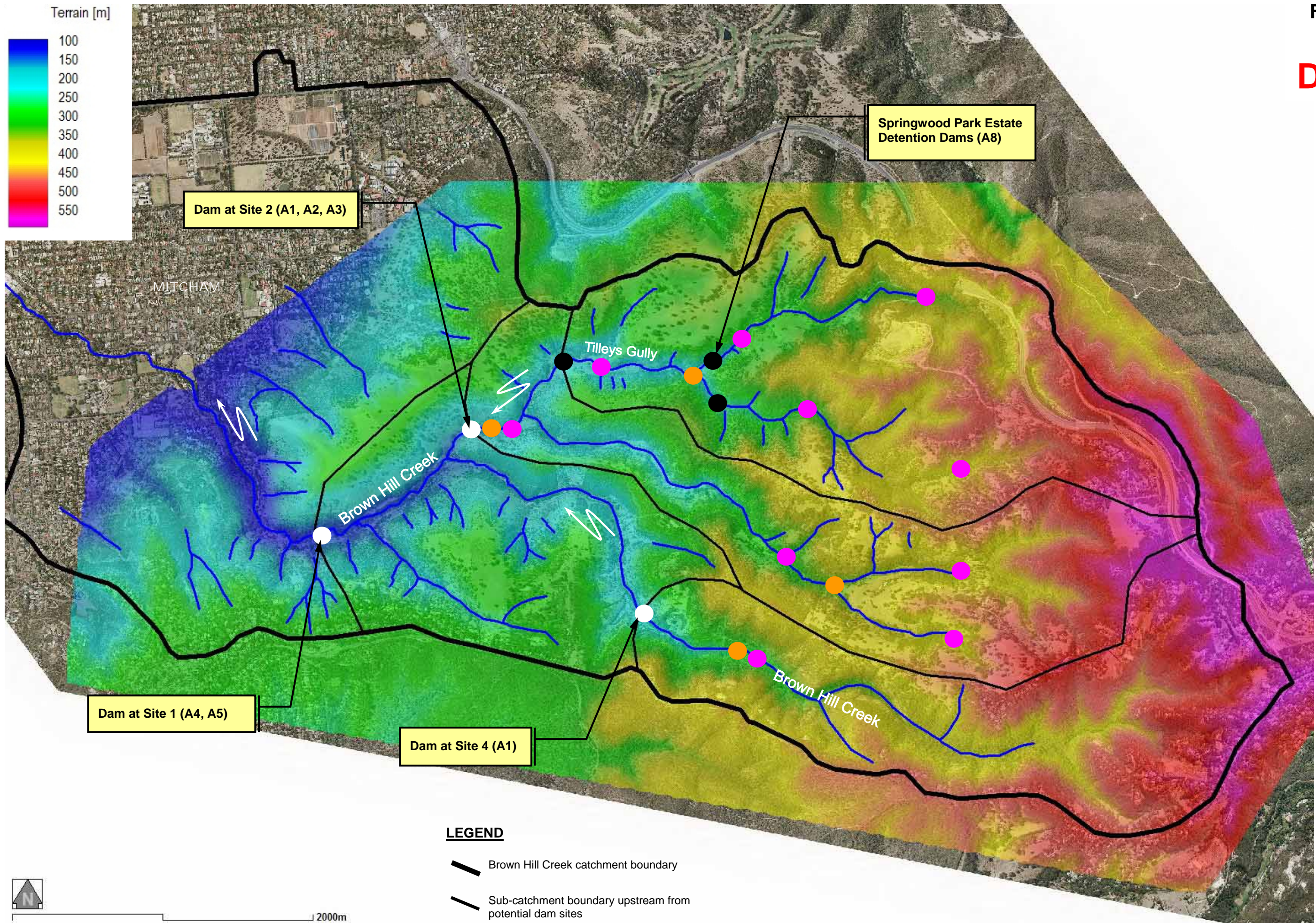
Water Courses
- All properties directly adjacent natural watercourses must be considered flood prone irrespective of their status on this map. Varying degrees of vegetation and debris that can be expected in flood flow conditions will have impacts on adjacent properties. Under no circumstances should development be allowed for a distance of at least ten metres from a watercourse nor should there be building over the watercourse.

Disclaimer
- This map is provided on the basis that those responsible for its preparation and publication do not accept any responsibility for any loss or damaged alleged to be suffered by anyone as a result of the publication of the map and the notations on it, or as a result of the use or misuse of the information provided herein.





LEGEND

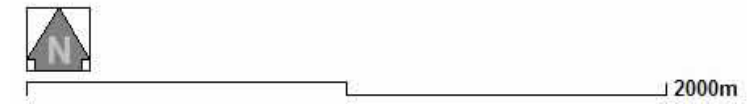
- Additional properties subject to over-floor flooding if the works on upper Brown Hill Creek are removed from 2006 Master Plan
- Additional areas of inundation if the works on upper Brown Hill Creek are removed from 2006 Master Plan
- ▬ Council Area Boundary

Note: 100 year ARI depth mapping shown is for 2006 Master Plan Works with the works on upper Brown Hill Creek.
Depths > 0.5 metres are shown in blue.

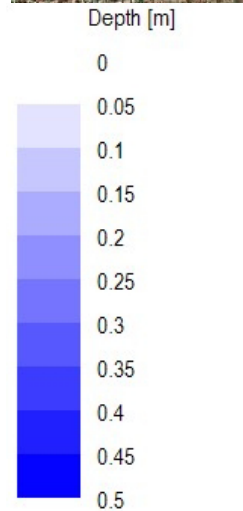
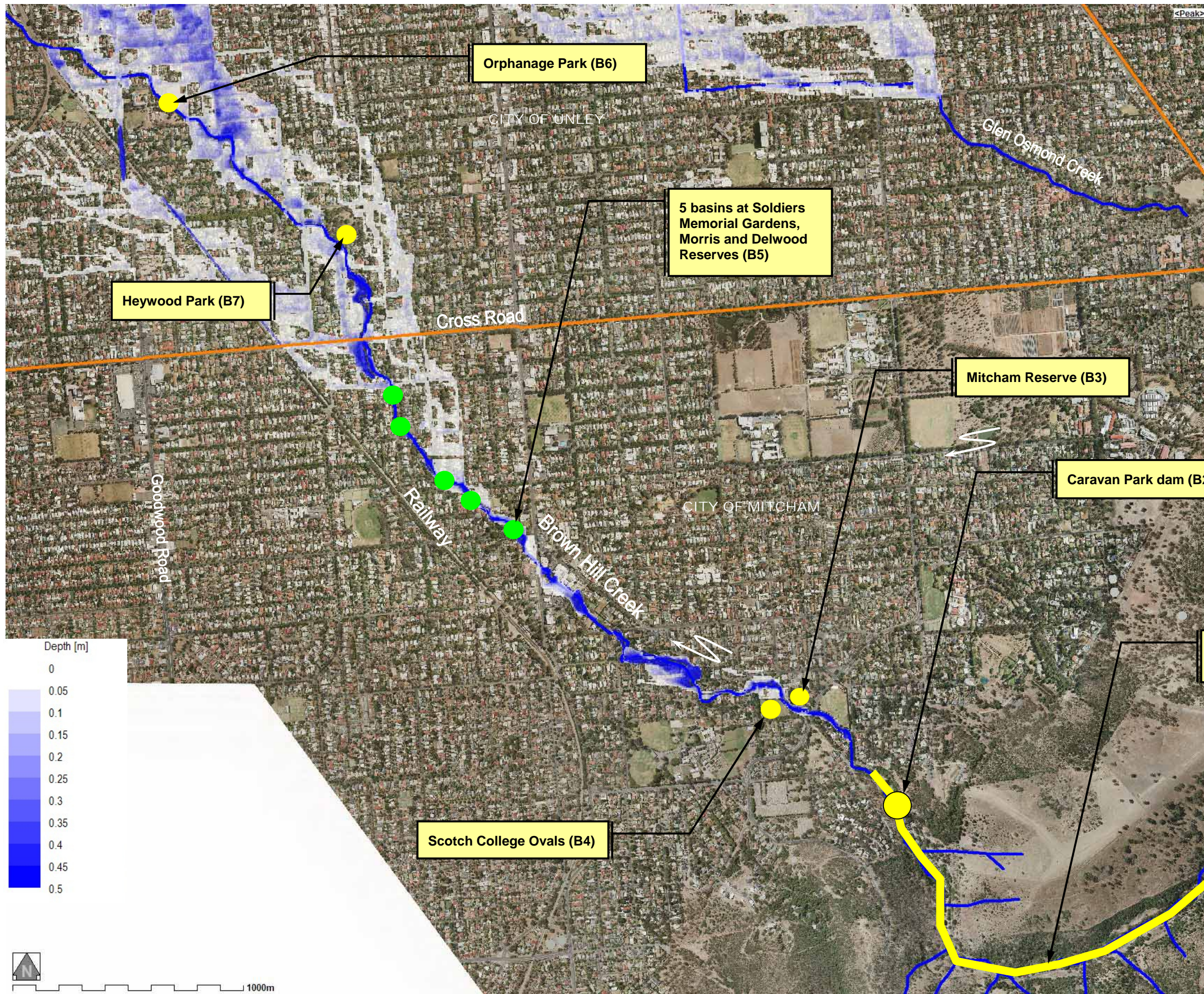


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-  Brown Hill Creek catchment boundary
-  Sub-catchment boundary upstream from potential dam sites
-  A6 dam sites (10 No.)
-  A7 dam sites (4 No.)



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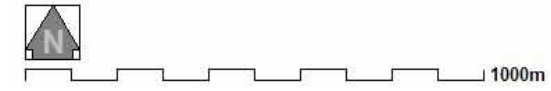


System of weirs in Brown Hill Creek Recreation Reserve (B1)

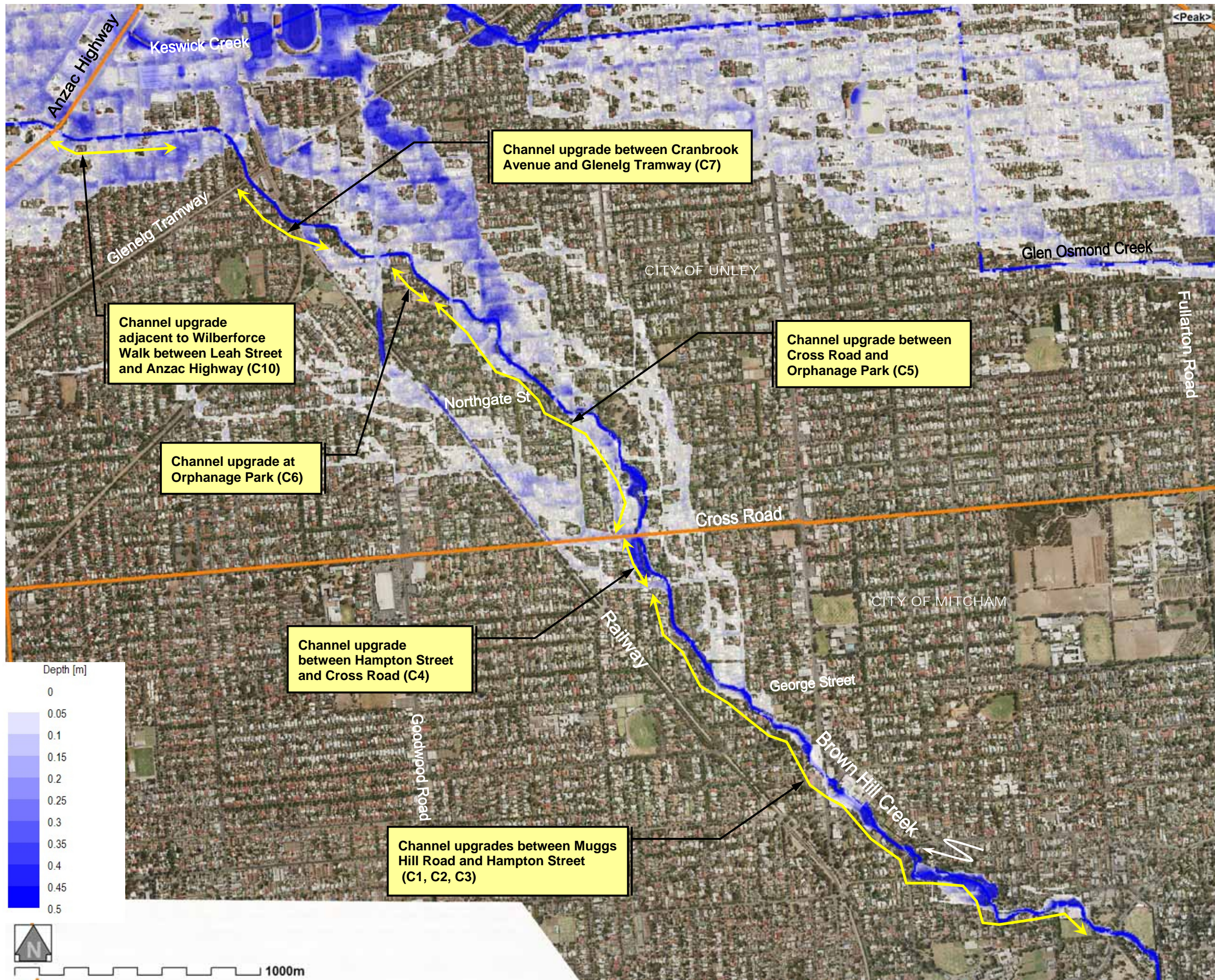
LEGEND

— Council Area Boundary

Note Floodplain depth mapping is for 100 year ARI base case existing conditions. Depths > 0.5 metres are shown in blue.



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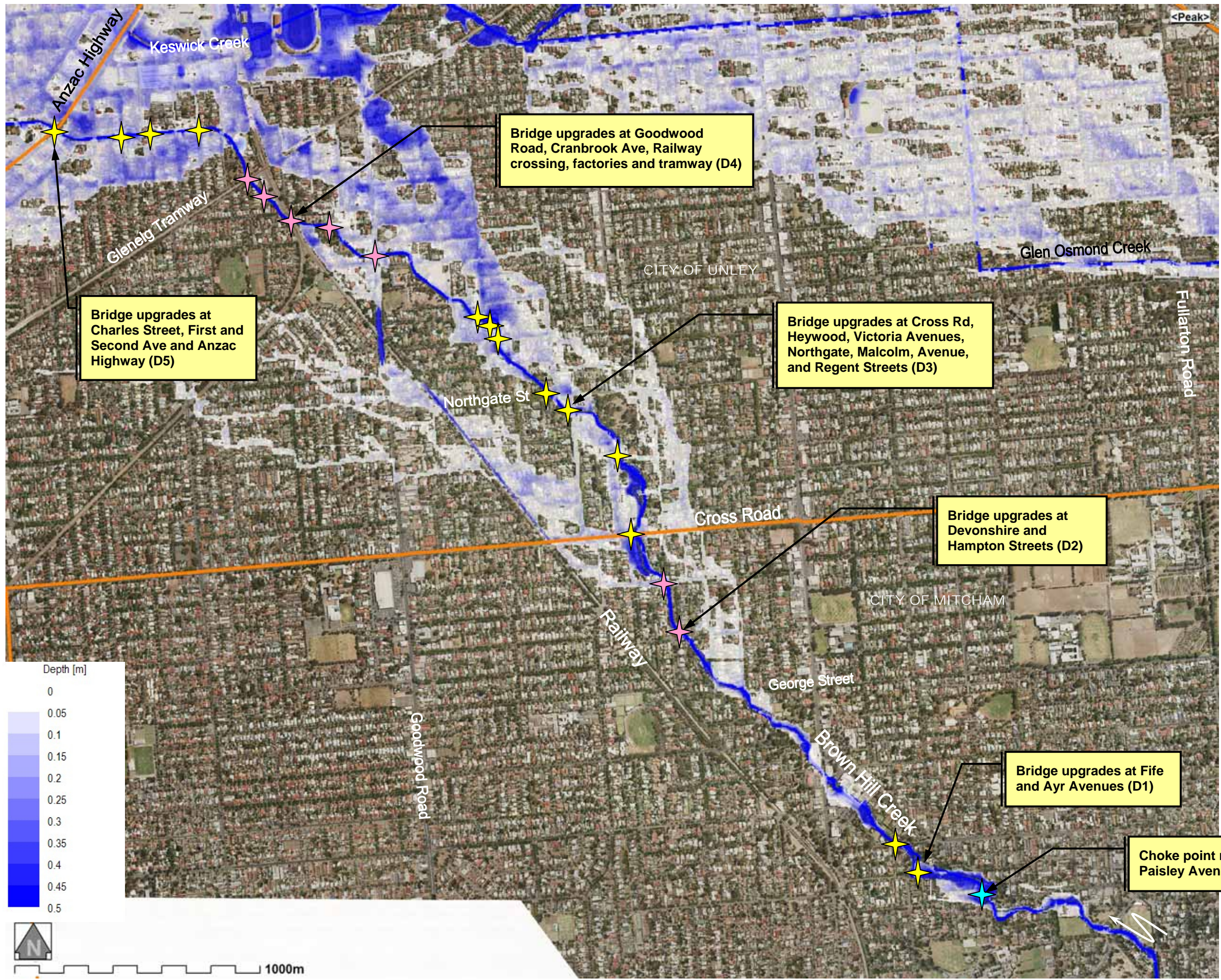
LEGEND

— Council Area Boundary

Notes Bridge / culvert upgrade options not shown but would be used in conjunction with channel upgrades (refer Figure 16)

Floodplain depth mapping is for 100 year ARI base case existing conditions. Depths > 0.5 metres are shown in blue.

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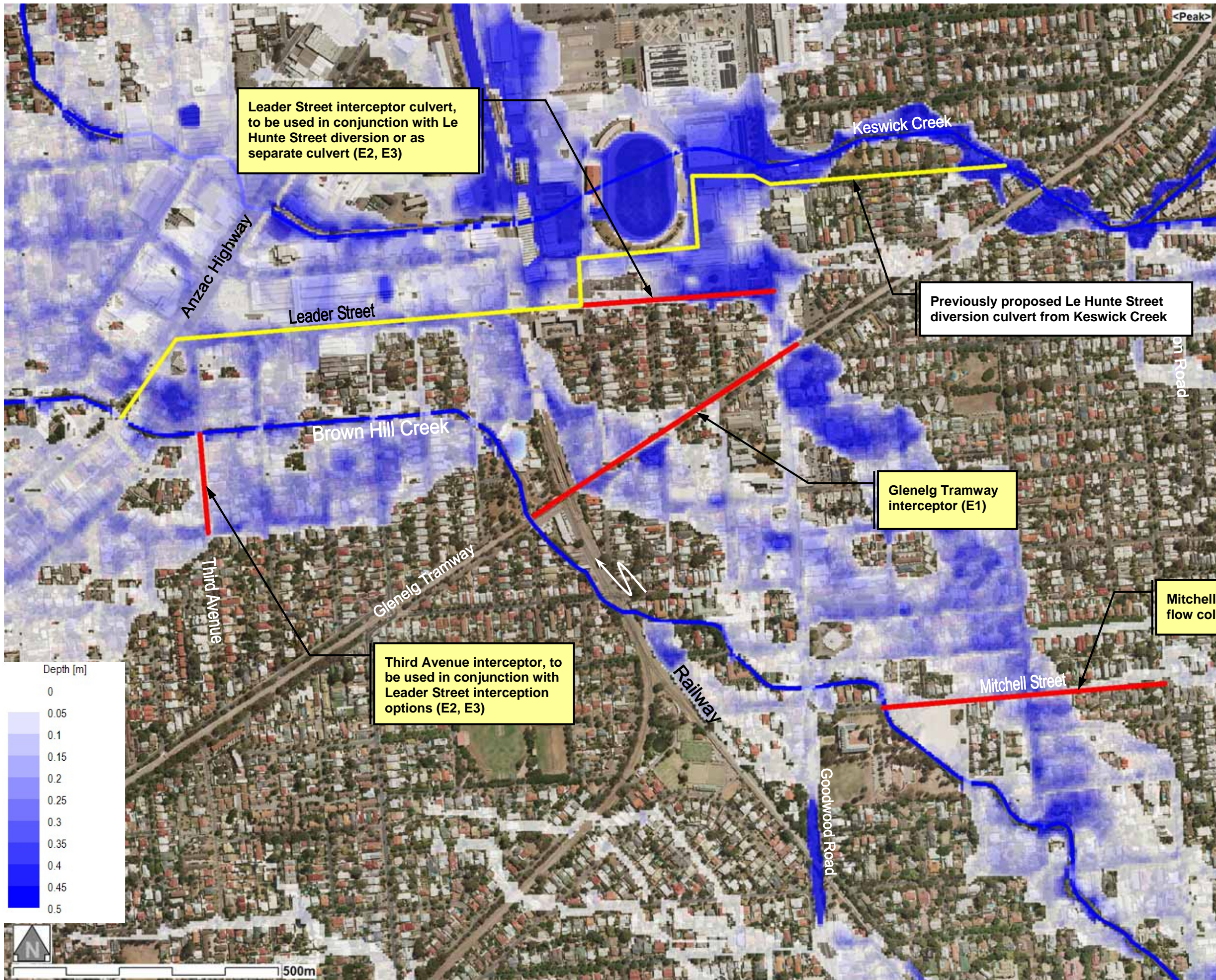


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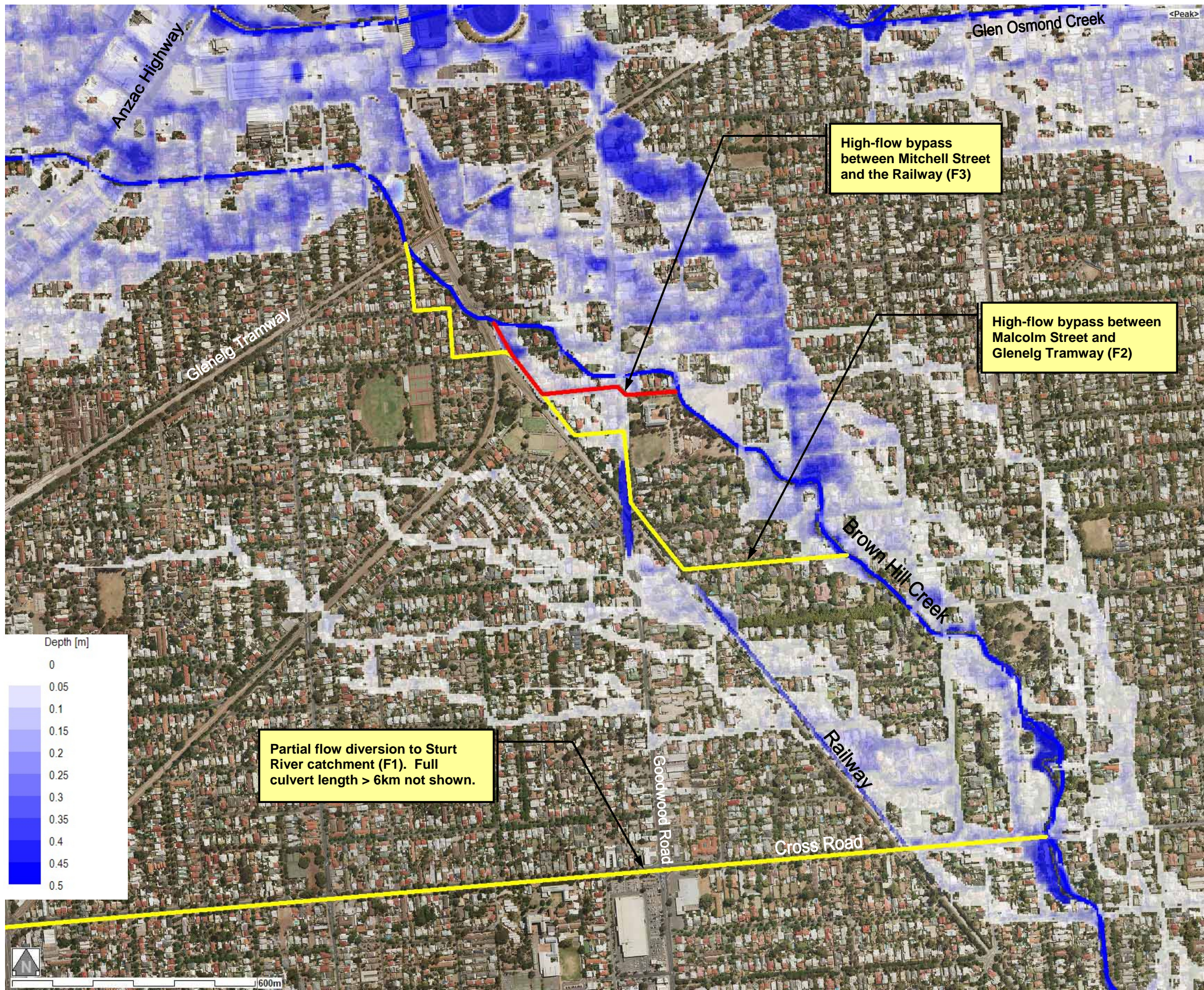
Council Area Boundary

Note Floodplain depth mapping is for 100 year ARI base case existing conditions. Depths > 0.5 metres are shown in blue.

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Note Floodplain depth mapping is for 100 year ARI base case existing conditions. Depths > 0.5 metres are shown in blue.