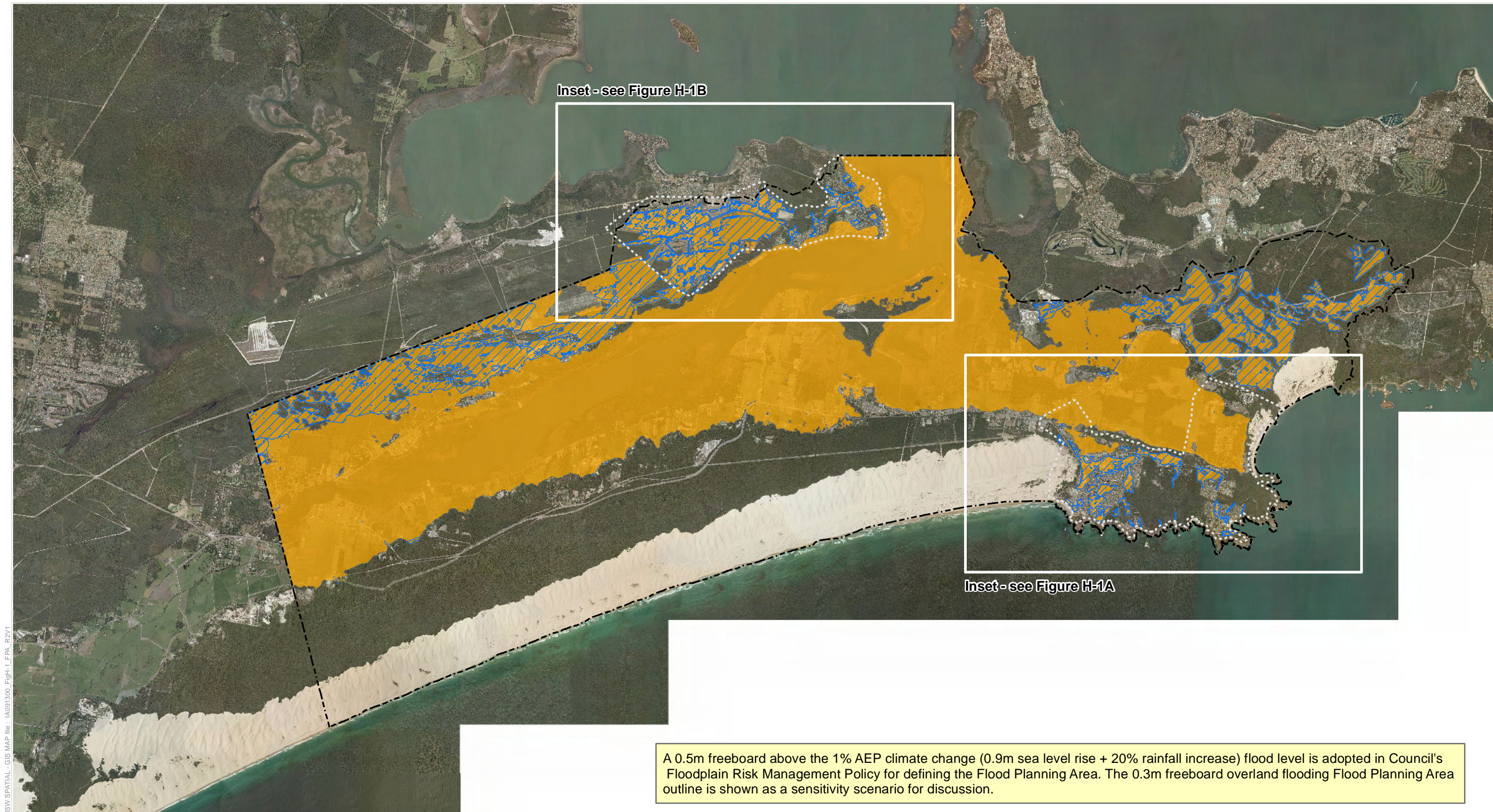


## Appendix H. Flood Planning Level and Hydraulic Category Mapping

### List of Figures

- Figure H-1 and insets (A) and (B) - Flood Planning Area
- Figure H-2 and insets (A) and (B) - Flood Hazard and Hydraulic Categories






NSW SPATIAL - GIS MAP file : JA091300\_FigH-1\_FPA\_R2V1


**Legend**

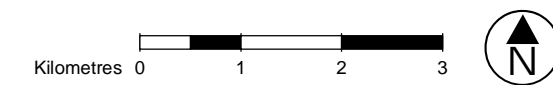
**Flood Planning Area**

 Council Policy - 0.5m Freeboard. Mainstream and Overland

 Suggested 0.3m Freeboard for Overland Flood Areas

 Study Area

 Urban Area TUFLOW Model (2m grid)

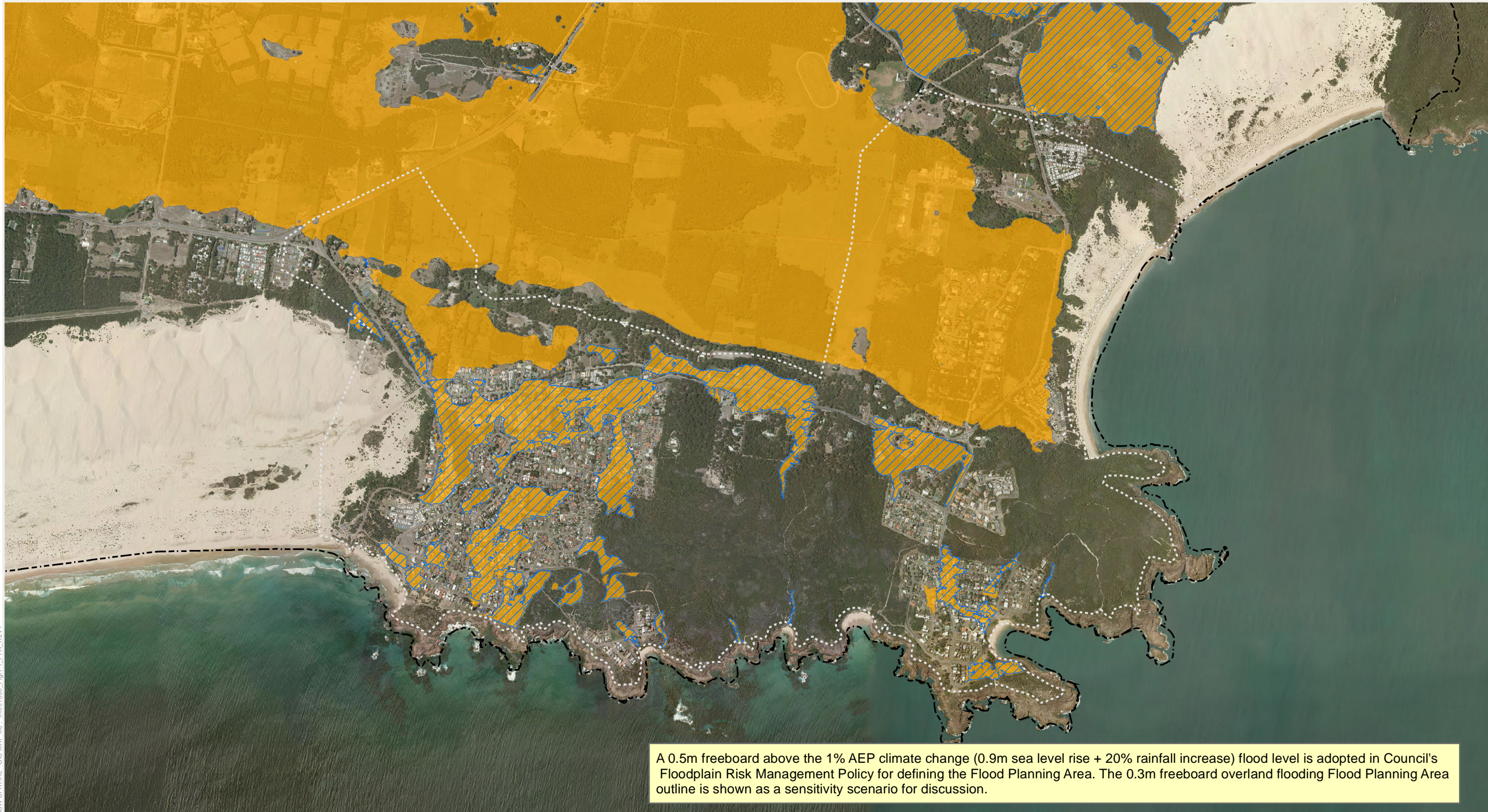


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**Figure H-1** Provisional Flood Planning Area - Overall Study Area View










NSW SPATIAL - GIS MAP file : JA091300\_FigH-1\_FPA\_R2V1


**Legend**

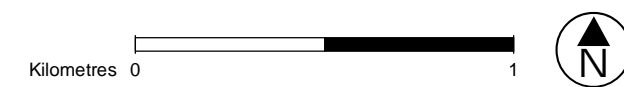
**Flood Planning Area**

 Council Policy - 0.5m Freeboard. Mainstream and Overland

 Suggested 0.3m Freeboard for Overland Flood Areas

 Study Area

 Urban Area TUFLOW Model (2m grid)



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**Figure H-1A** Provisional Flood Planning Area - Anna Bay Urban Area









A 0.5m freeboard above the 1% AEP climate change (0.9m sea level rise + 20% rainfall increase) flood level is adopted in Council's Floodplain Risk Management Policy for defining the Flood Planning Area. The 0.3m freeboard overland flooding Flood Planning Area outline is shown as a sensitivity scenario for discussion.

NSW SPATIAL - GIS MAP file : JA091300\_FigH-1\_FPA\_R2V1


**Legend**

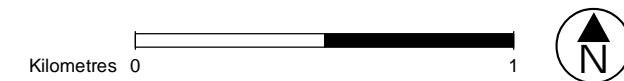
**Flood Planning Area**

 Council Policy - 0.5m Freeboard. Mainstream and Overland

 Suggested 0.3m Freeboard for Overland Flood Areas

 Study Area

 Urban Area TUFLOW Model (2m grid)

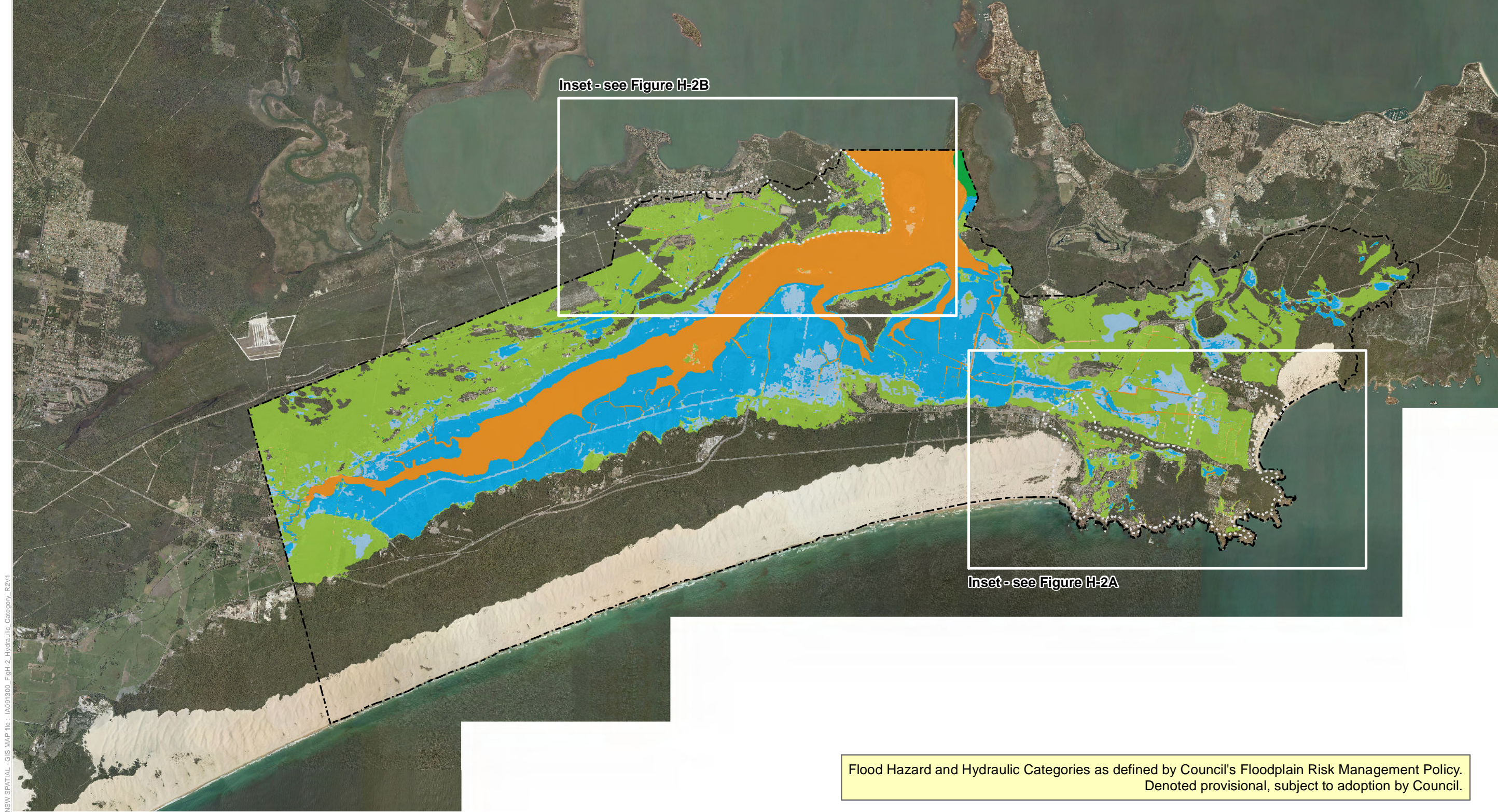


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**Figure H-1B** Provisional Flood Planning Area - Tilligerry Peninsula Urban Area












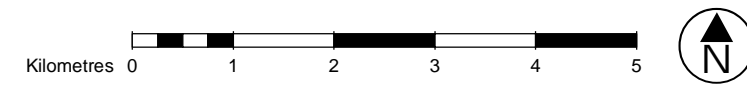


NSW SPATIAL - GIS MAP file : JA091300\_FigH-2\_Hydraulic\_Category\_R2V1

**Legend**

**Flood Hazard and Hydraulic Categories**

- |   |                           |   |                                   |
|---|---------------------------|---|-----------------------------------|
|  | High Hazard Flood Fringe  |  | Study Area                        |
|  | Low Hazard Floodway       |  | Urban Area TUFLOW Model (2m grid) |
|  | High Hazard Flood Storage |   |                                   |
|  | Low Hazard Flood Storage  |   |                                   |
|  | Low Hazard Flood Fringe   |   |                                   |

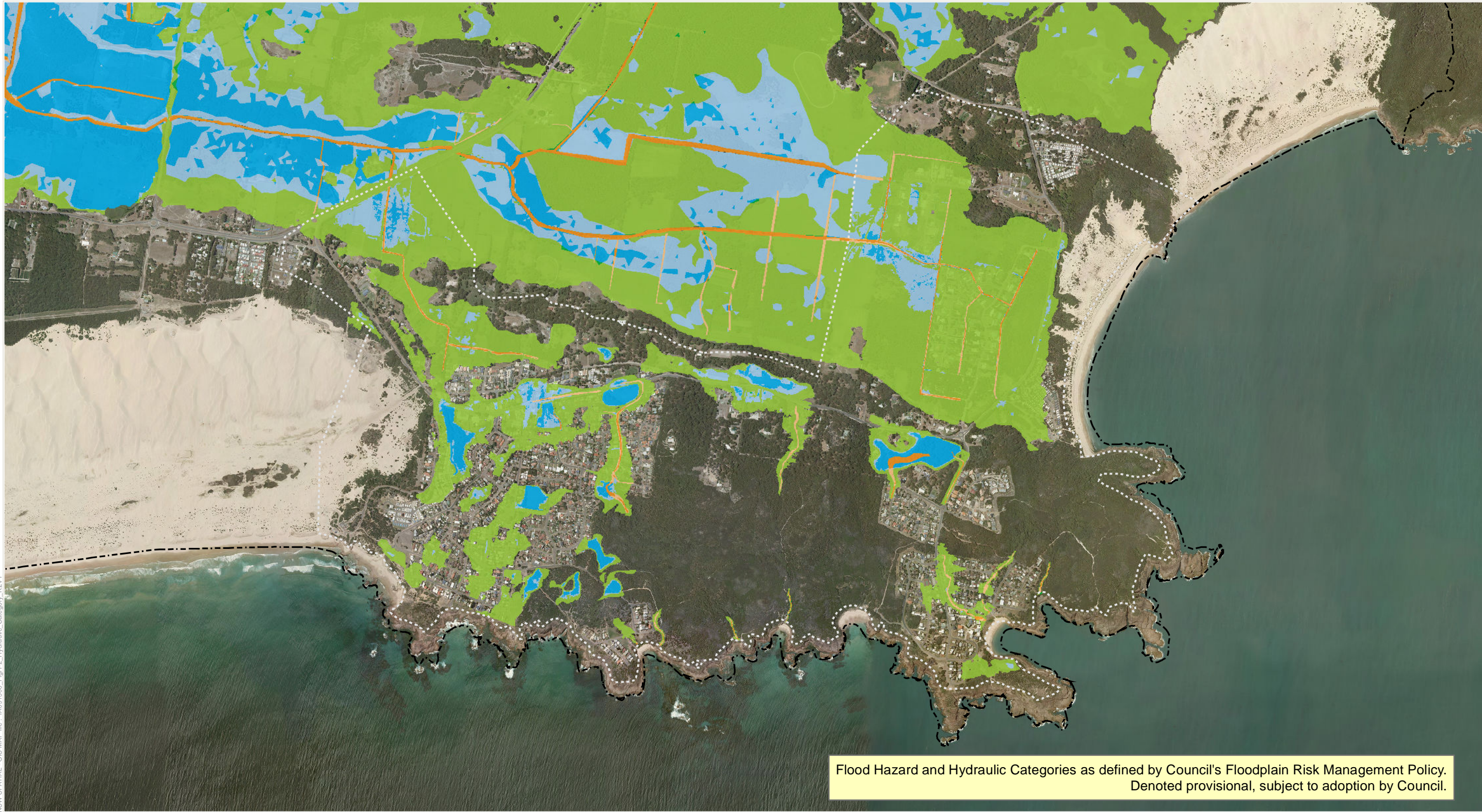


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**Figure H-2** Provisional Flood Hazard and Hydraulic Categories - Overall Study Area View







Flood Hazard and Hydraulic Categories as defined by Council's Floodplain Risk Management Policy. Denoted provisional, subject to adoption by Council.

**Legend**

**Flood Hazard and Hydraulic Categories**

- High Hazard Floodway
- Low Hazard Flood Storage
- High Hazard Flood Storage
- Low Hazard Flood Fringe
- High Hazard Flood Fringe
- Low Hazard Floodway

- Study Area
- Urban Area TUFLOW Model (2m grid)



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**Figure H-2A** Provisional Flood Hazard and Hydraulic Categories - Anna Bay Urban Area



NSW SPATIAL - GIS MAP file : JA091300\_FigH-2\_Hydraulic\_Category\_R2V1





NSW SPATIAL - GIS MAP file : JA091300\_FigH-2\_Hydraulic\_Category\_R2V1

**Legend**

**Flood Hazard and Hydraulic Categories**

- High Hazard Floodway
- Low Hazard Flood Storage
- High Hazard Flood Storage
- Low Hazard Flood Fringe

- Study Area
- Urban Area TUFLOW Model (2m grid)



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**Figure H-2B** Provisional Flood Hazard and Hydraulic Categories - Tilligerry Peninsula Urban Area

