

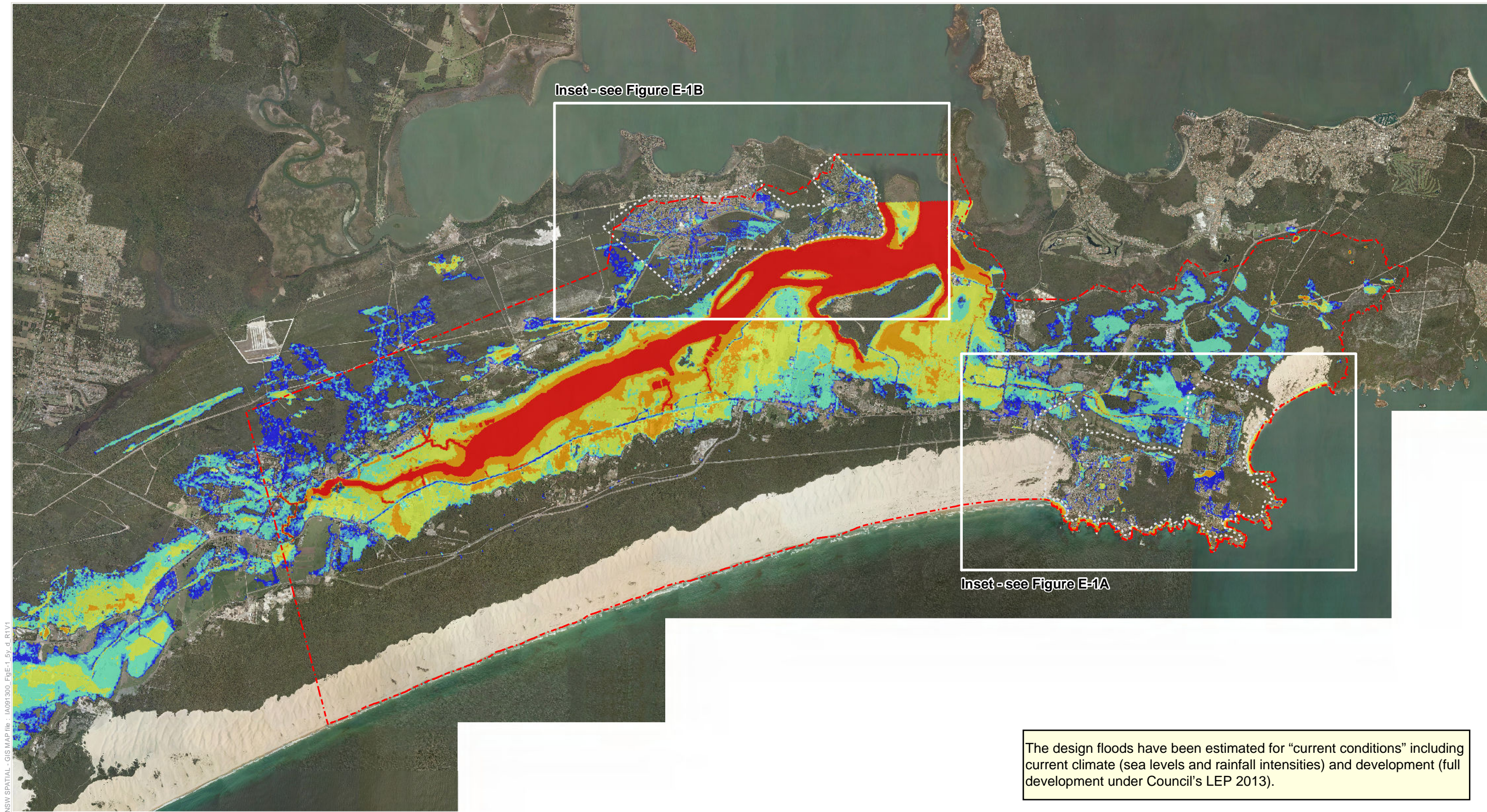
## Appendix E. Design Flood Event Mapping and Results

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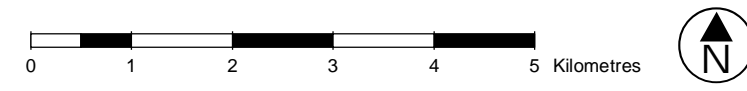




NSW SPATIAL - GIS MAP file : JA091300\_EfigE-1\_Sy\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	0.5 - 1.0	Study Area
0 - 0.1	1.0 - 2.0	Urban Area TUFLOW Model (2m grid)
0.1 - 0.2	> 2.0	
0.2 - 0.5		

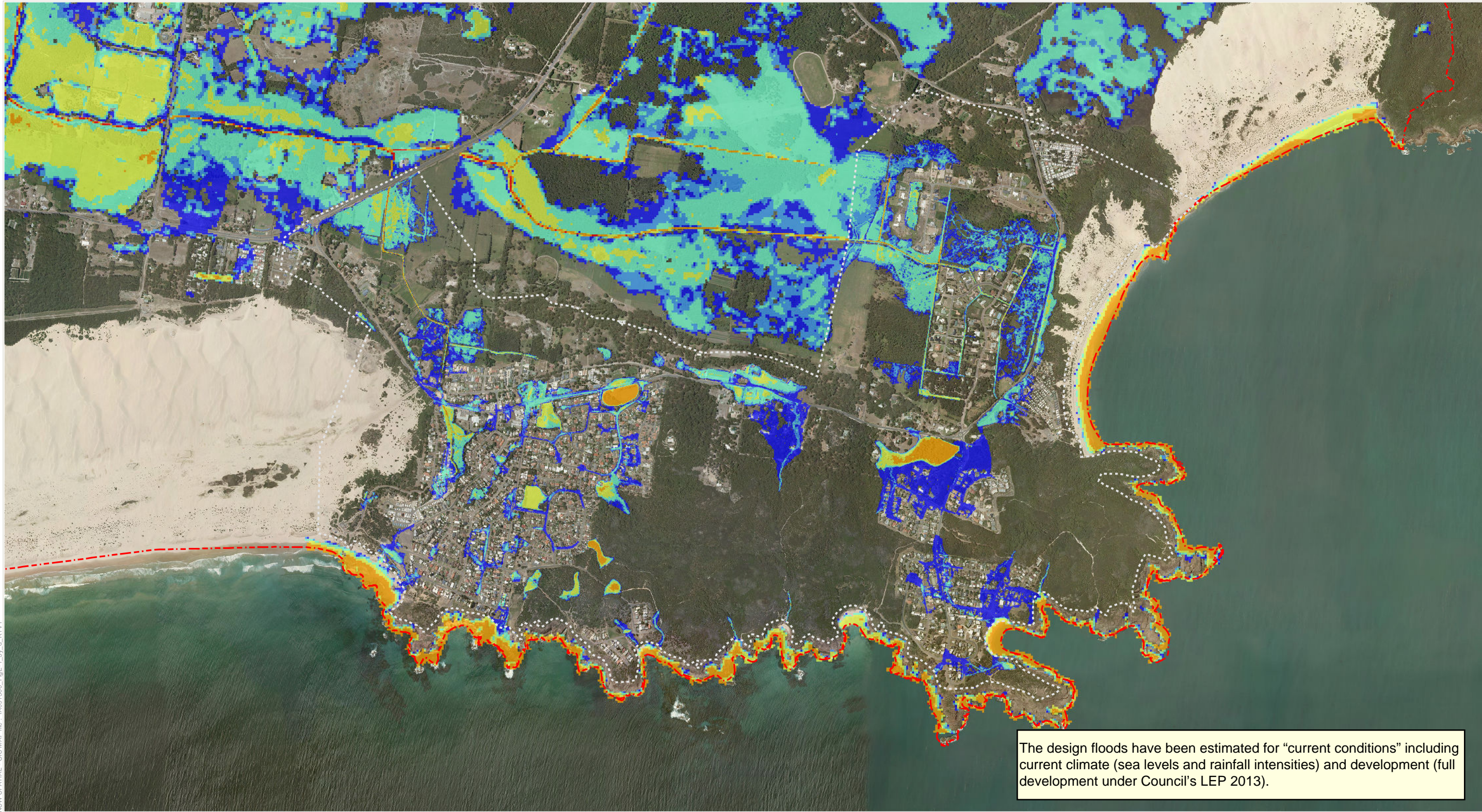


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**Figure E-1** 20% AEP Flood Depth - Overall Study Area View















NSW SPATIAL - GIS MAP file : IA091300\_EgE-1\_Sy\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		

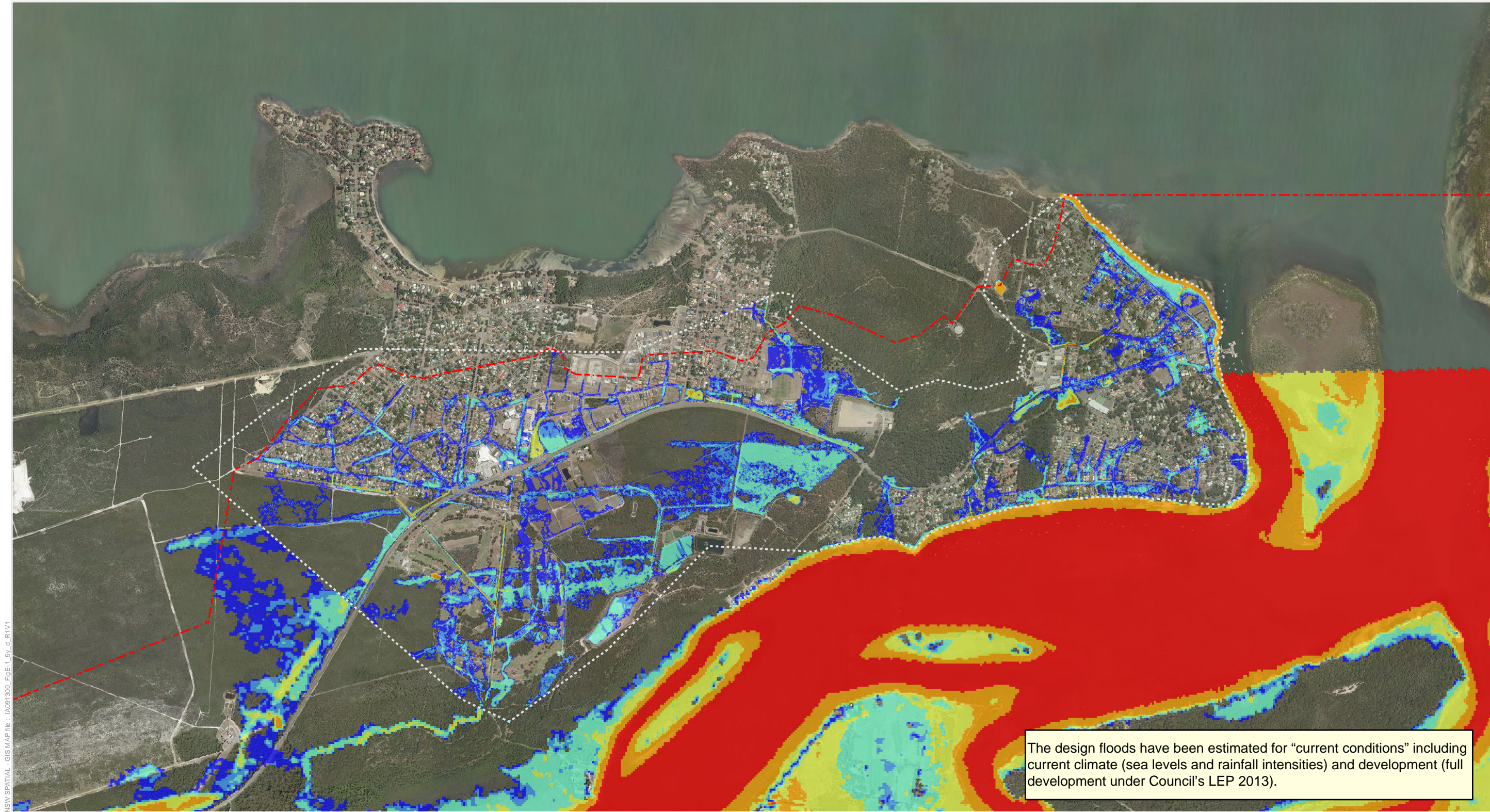


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**Figure E-1A** 20% AEP Flood Depth - Anna Bay Urban Area

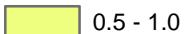
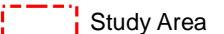

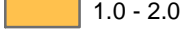
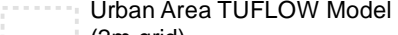

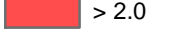







NSW SPATIAL - GIS MAP file : JA091300\_EgE-1\_Sy\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		

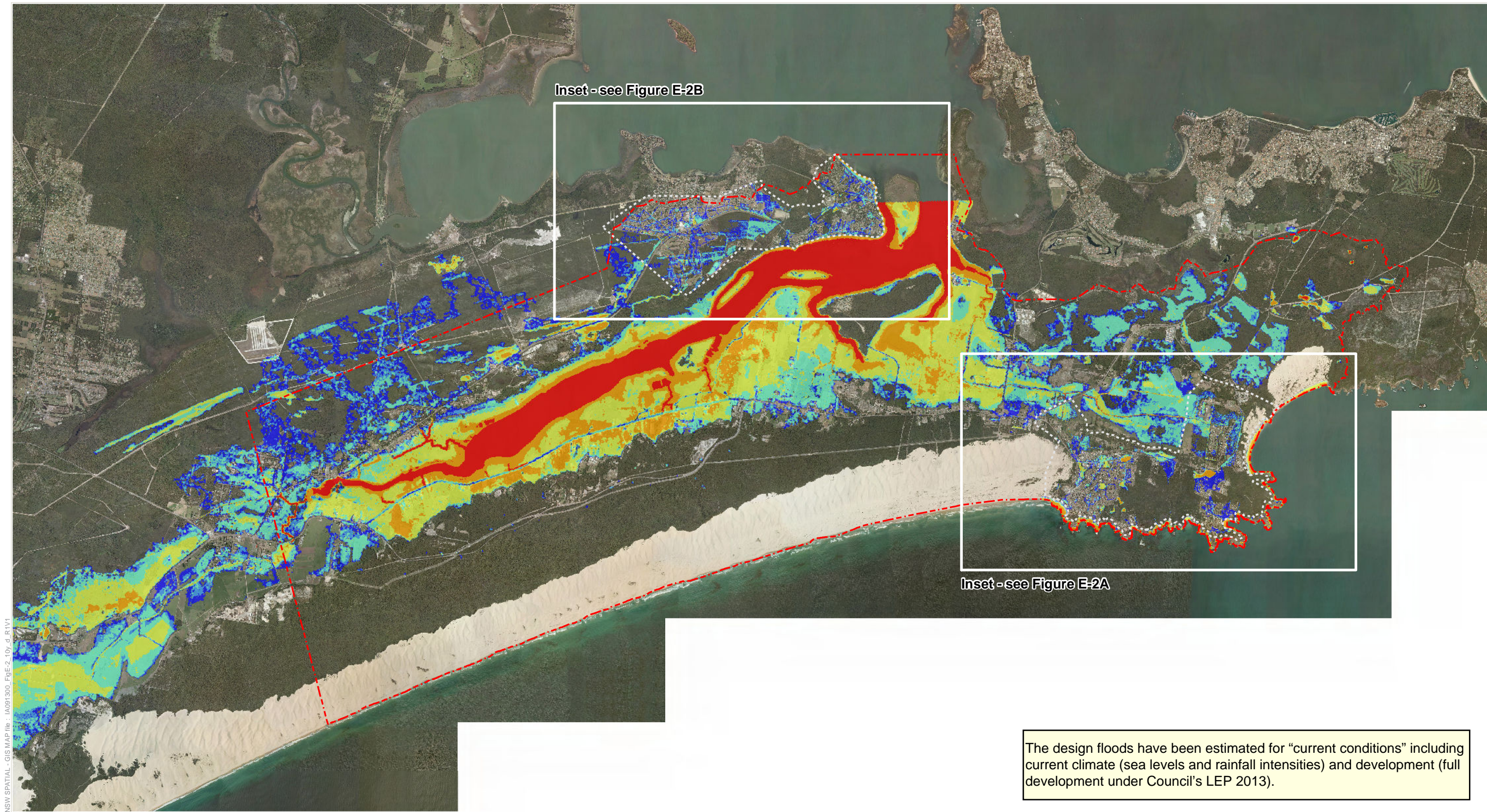


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**Figure E-1B** 20% AEP Flood Depth - Tilligerry Peninsula Urban Area



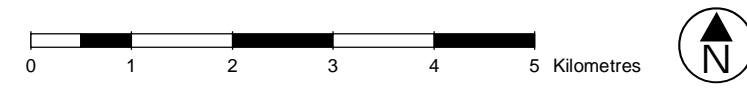




NSW SPATIAL - GIS MAP file : JA091300\_EgE-2\_10y\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	0.5 - 1.0	Study Area
0 - 0.1	1.0 - 2.0	Urban Area TUFLOW Model (2m grid)
0.1 - 0.2	> 2.0	
0.2 - 0.5		

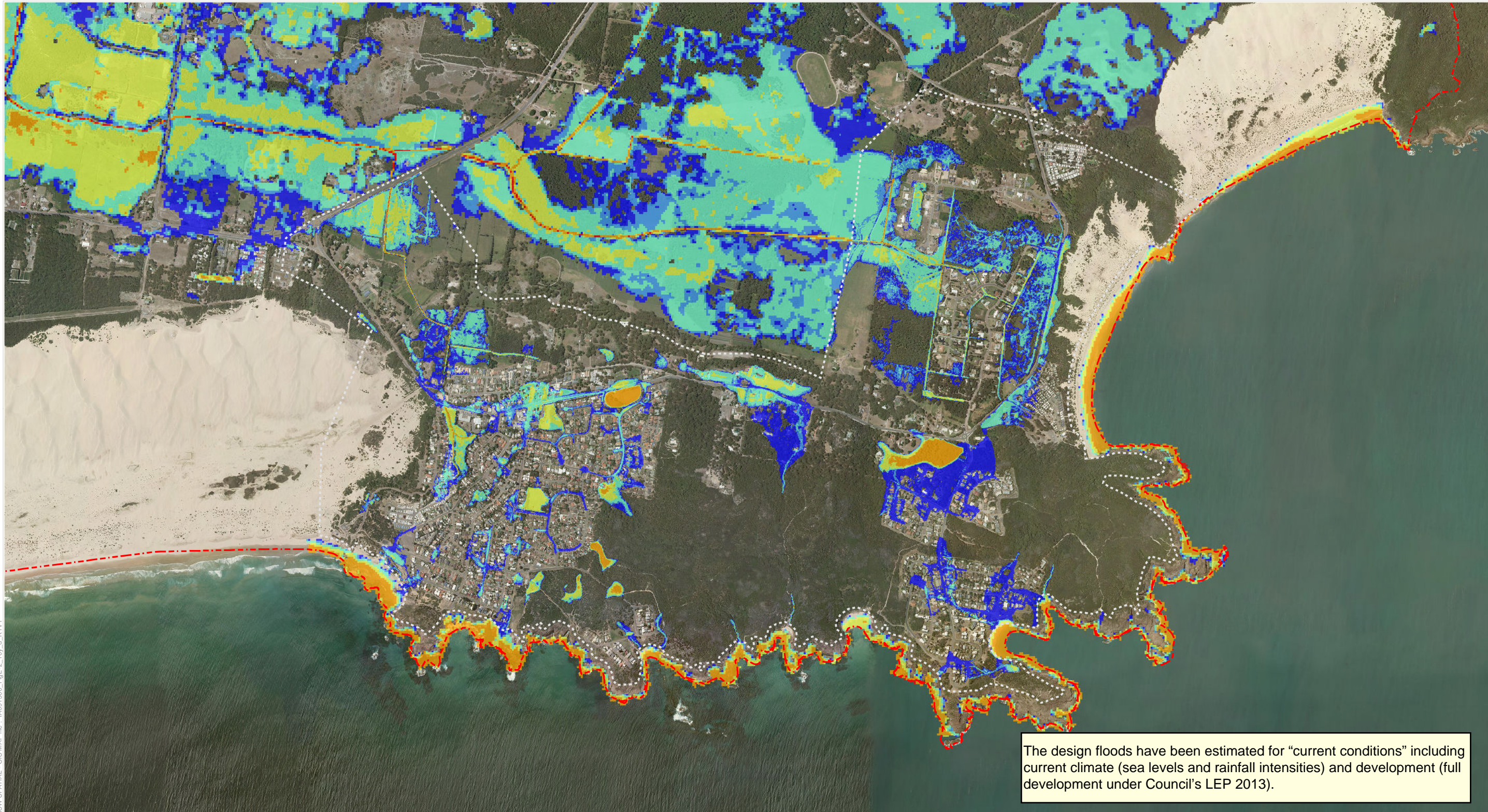


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**Figure E-2** 10% AEP Flood Depth - Overall Study Area View



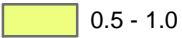
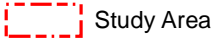


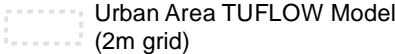







NSW SPATIAL - GIS MAP file : IA091300\_EgE-2\_10y\_d\_R1V1

The design floods have been estimated for "current conditions" including current climate (sea levels and rainfall intensities) and development (full development under Council's LEP 2013).

**Legend**

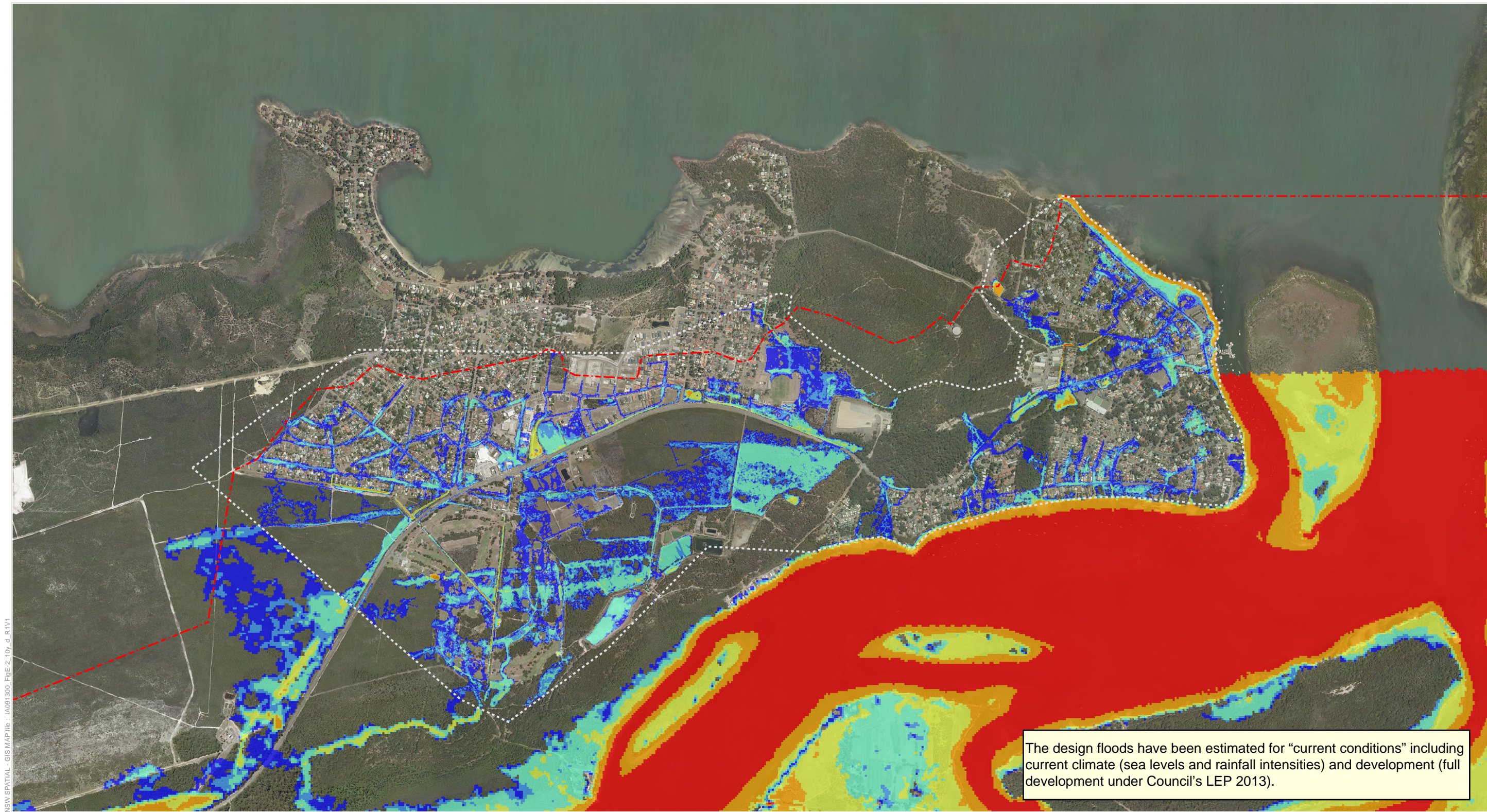
<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		



**Figure E-2A** 10% AEP Flood Depth - Anna Bay Urban Area















NSW SPATIAL - GIS MAP file : JA091300\_EgE-2\_10y\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		

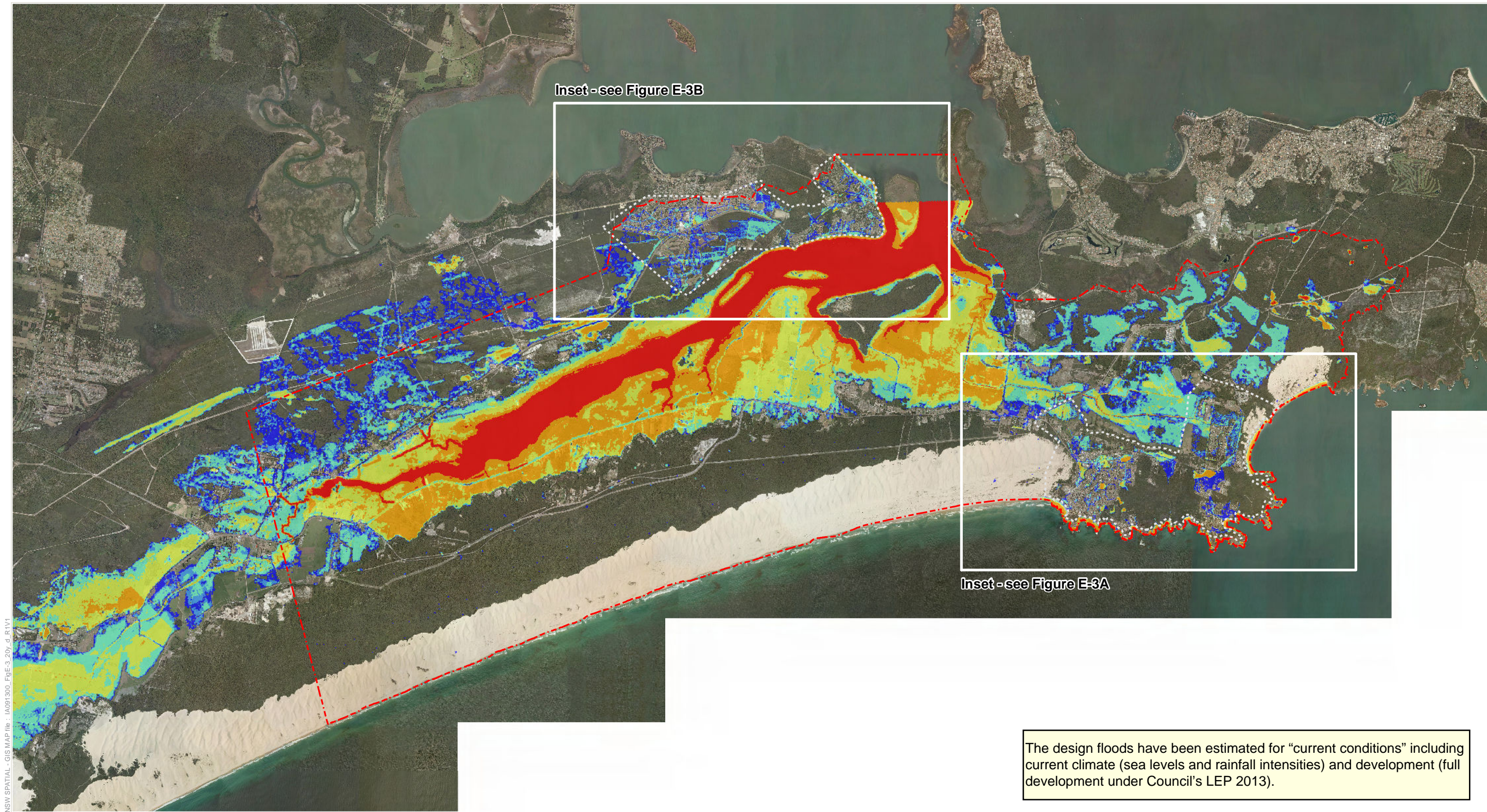


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**Figure E-2B** 10% AEP Flood Depth - Tilligerry Peninsula Urban Area





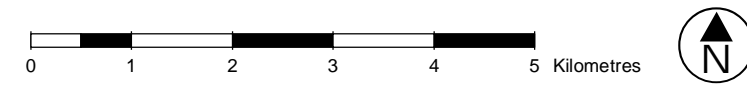


NSW SPATIAL - GIS MAP file : JA091300\_EgE-3\_20y\_d\_R1V1

The design floods have been estimated for "current conditions" including current climate (sea levels and rainfall intensities) and development (full development under Council's LEP 2013).

**Legend**

<b>Peak flood depth (m)</b>	0.5 - 1.0	Study Area
0 - 0.1	1.0 - 2.0	Urban Area TUFLOW Model (2m grid)
0.1 - 0.2	> 2.0	
0.2 - 0.5		

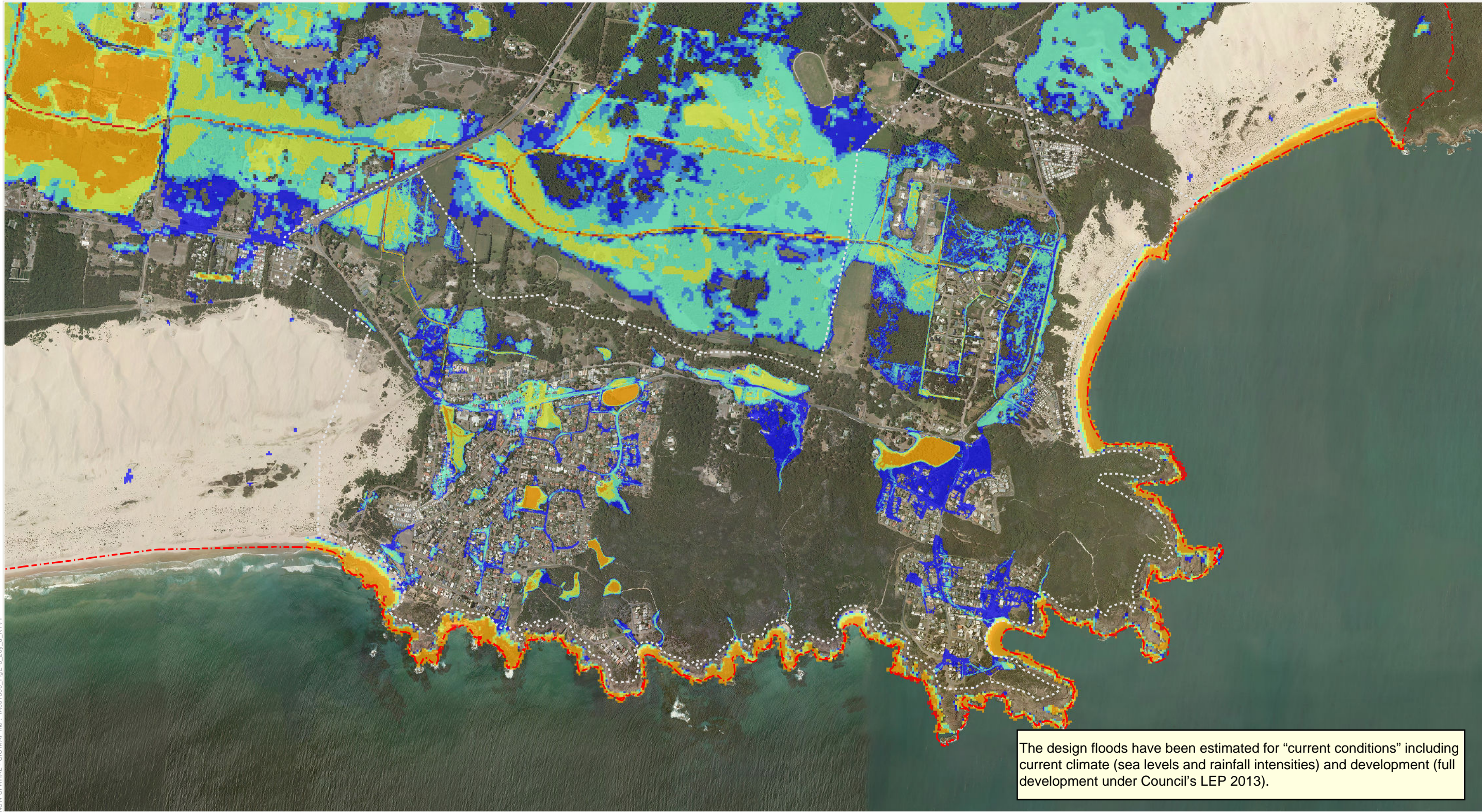


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**Figure E-3** 5% AEP Flood Depth - Overall Study Area View















NSW SPATIAL - GIS MAP file : IA091300\_EgE-3\_20y\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		

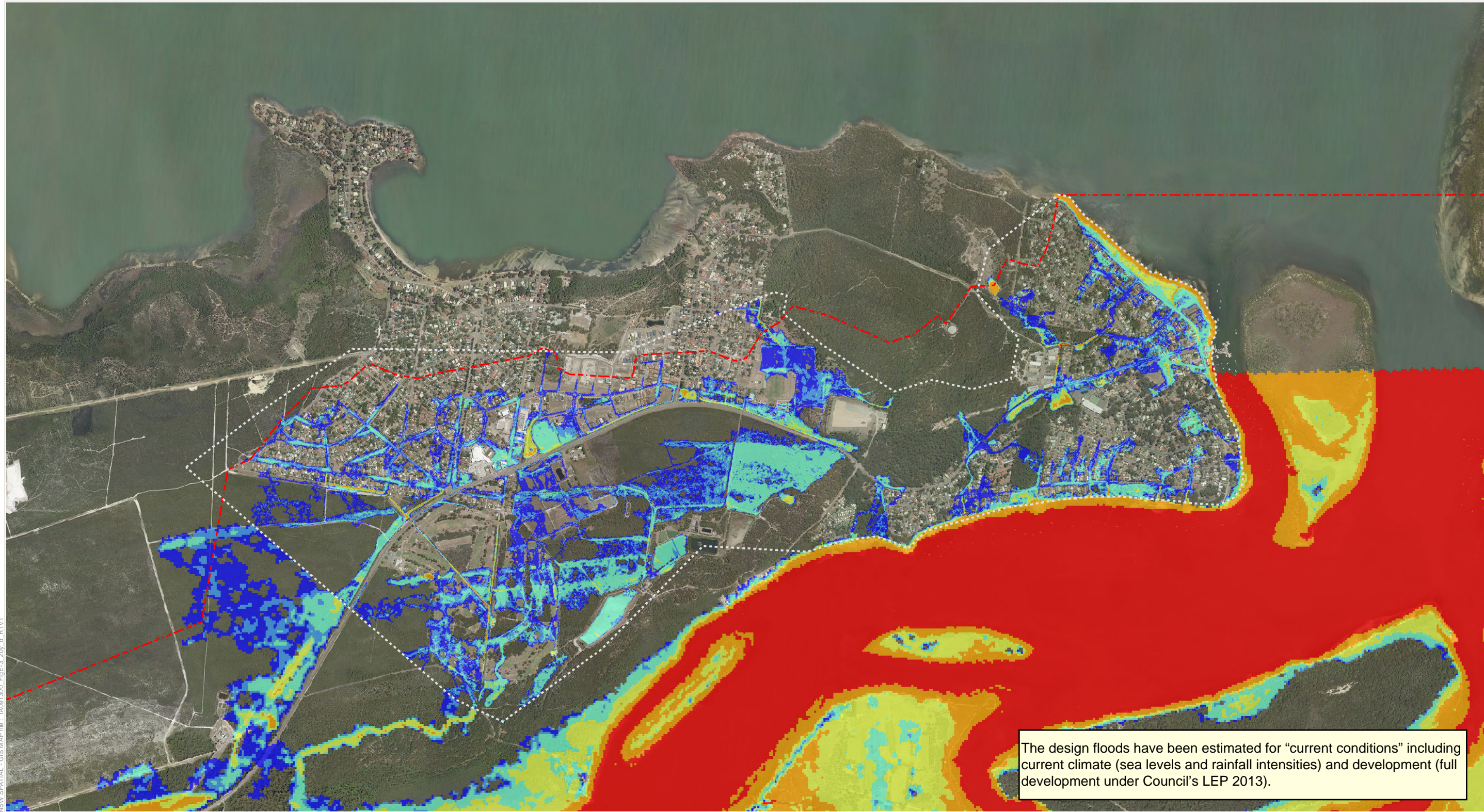


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**Figure E-3A** 5% AEP Flood Depth - Anna Bay Urban Area

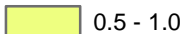


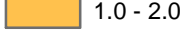
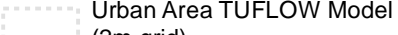

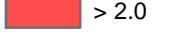







NSW SPATIAL - GIS MAP file : JA091300\_EgE-3\_20y\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		

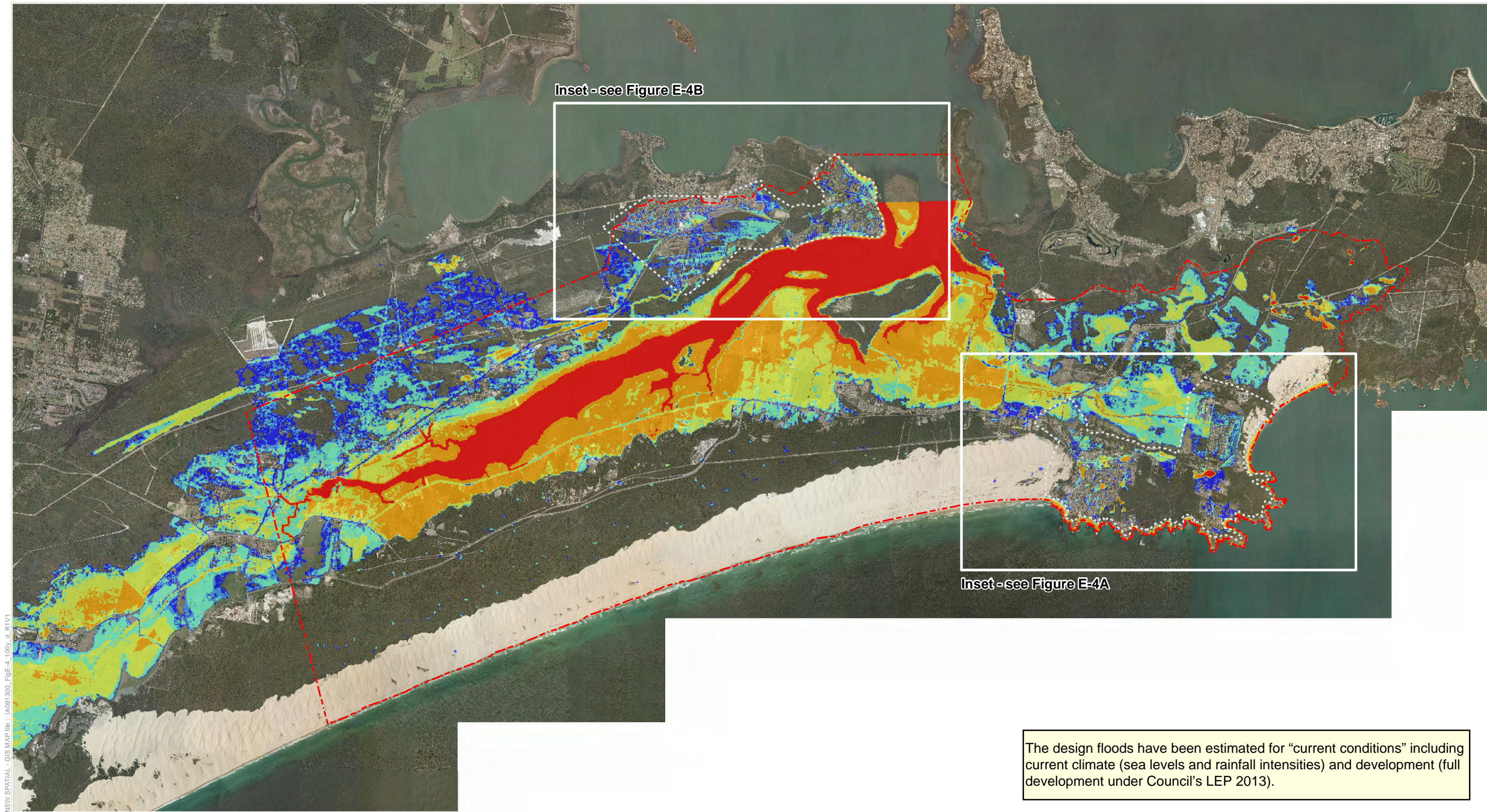


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**Figure E-3B** 5% AEP Flood Depth - Tilligerry Peninsula Urban Area



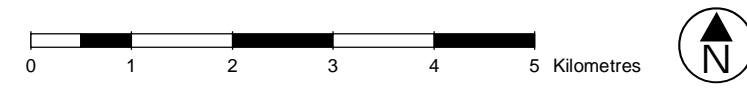




NSW SPATIAL - GIS MAP file : JA091300\_EgE-4\_100y\_G\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	0.5 - 1.0	Study Area
0 - 0.1	1.0 - 2.0	Urban Area TUFLOW Model (2m grid)
0.1 - 0.2	> 2.0	
0.2 - 0.5		

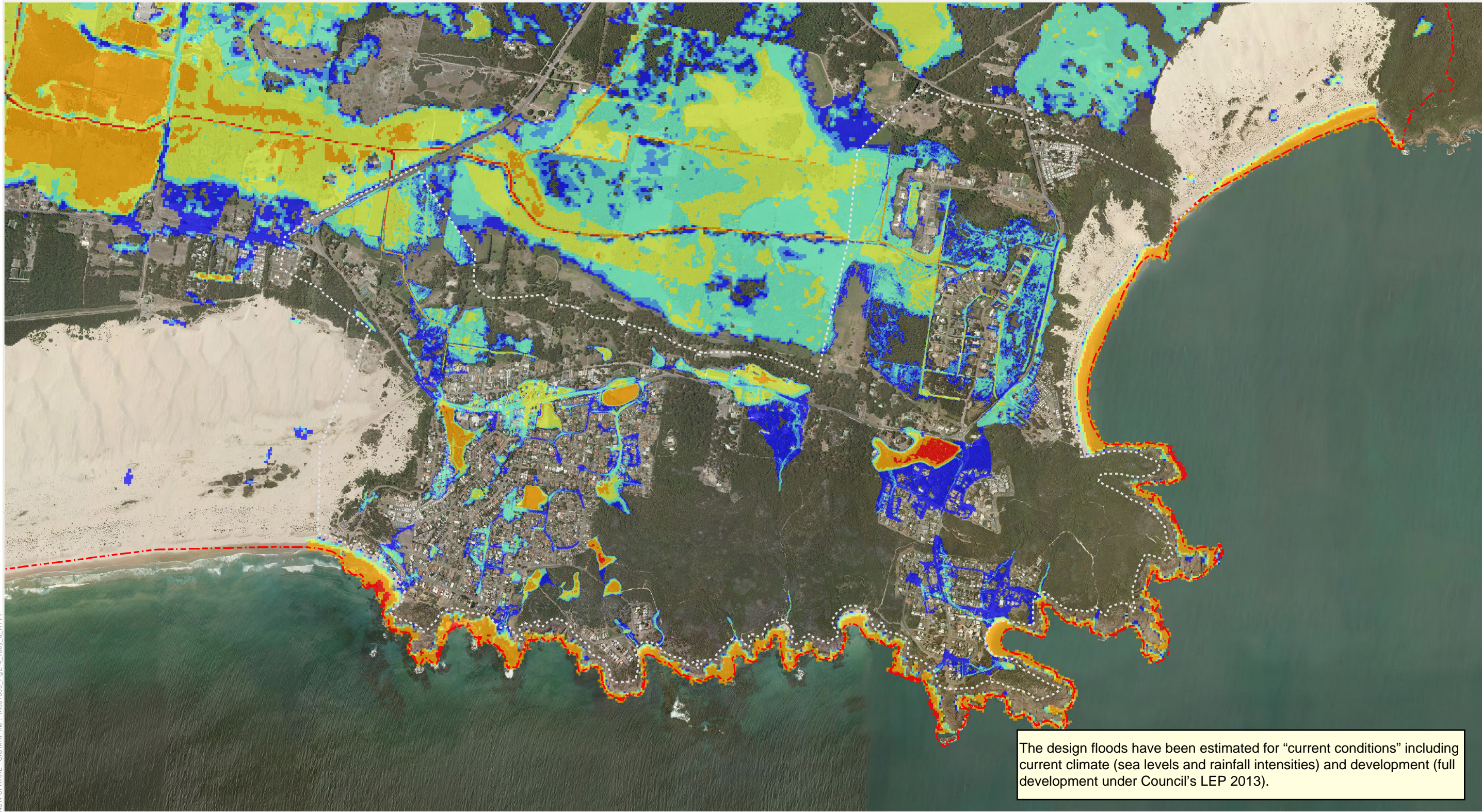


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**Figure E-4** 1% AEP Flood Depth - Overall Study Area View















NSW SPATIAL - GIS MAP file : IA091300\_EgE-4\_100y\_d\_R1V1

The design floods have been estimated for "current conditions" including current climate (sea levels and rainfall intensities) and development (full development under Council's LEP 2013).

**Legend**

<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		

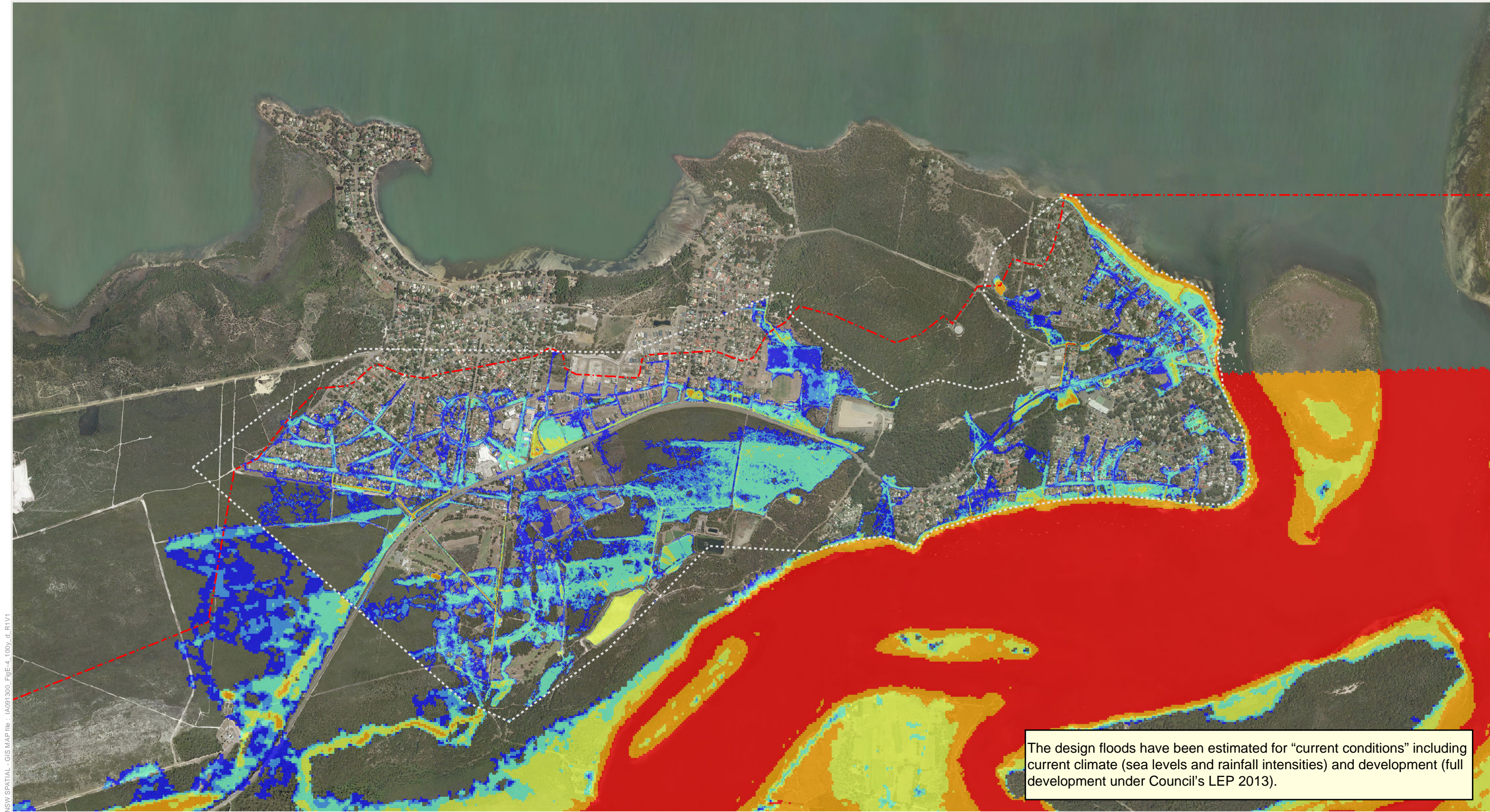


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**Figure E-4A** 1% AEP Flood Depth - Anna Bay Urban Area







NSW SPATIAL - GIS MAP file : JA091300\_EgE-4\_100y\_d\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	0.5 - 1.0	Study Area
0 - 0.1	1.0 - 2.0	Urban Area TUFLOW Model (2m grid)
0.1 - 0.2	> 2.0	
0.2 - 0.5		

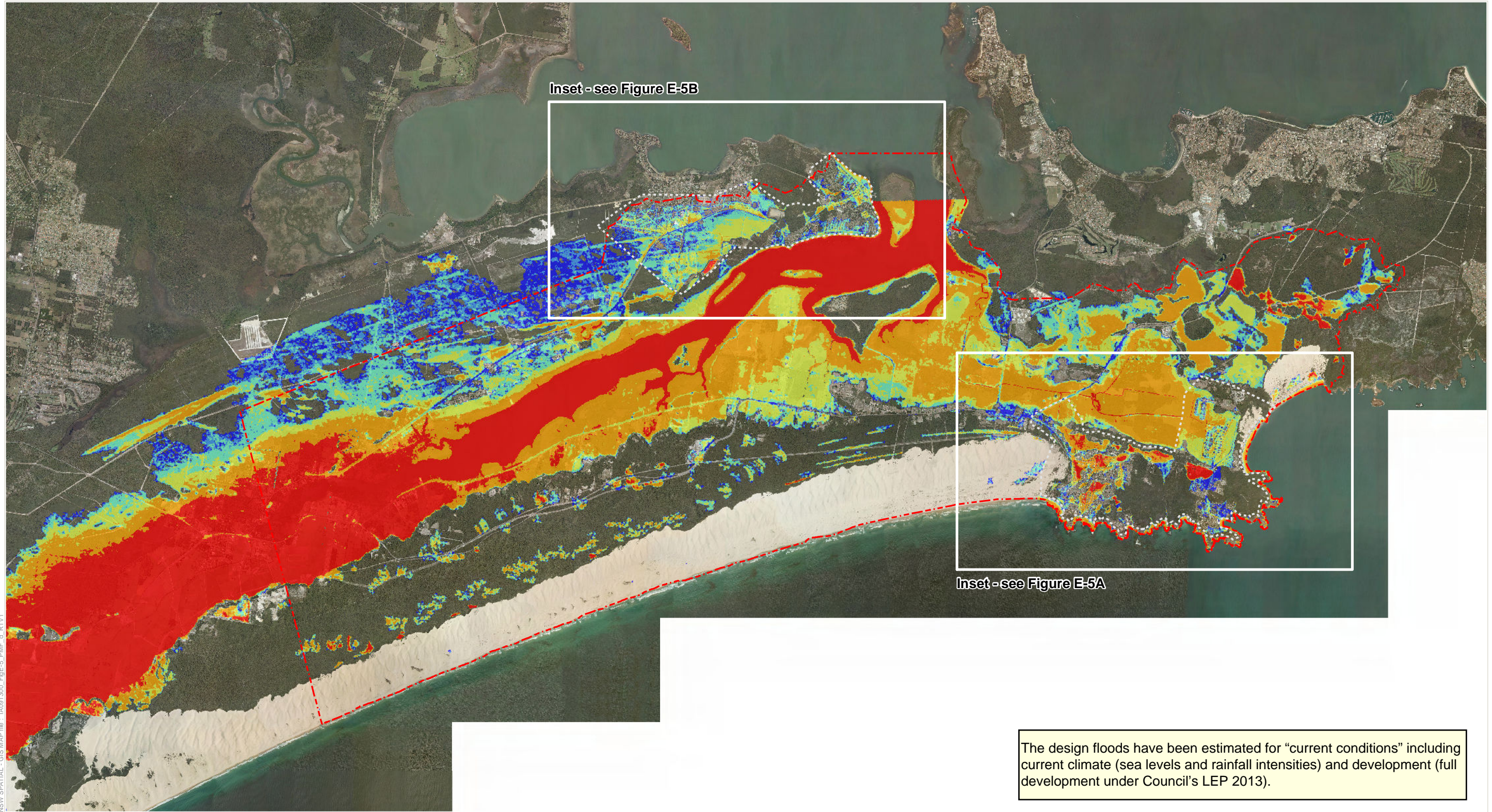


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**Figure E-4B** 1% AEP Flood Depth - Tilligerry Peninsula Urban Area



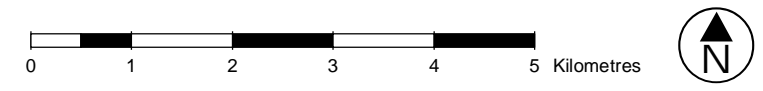




NSW SPATIAL - GIS MAP file : JA091300\_EgE-5\_PMF\_g\_R1V1

**Legend**

<b>Peak flood depth (m)</b>	0.5 - 1.0	Study Area
0 - 0.1	1.0 - 2.0	Urban Area TUFLOW Model (2m grid)
0.1 - 0.2	> 2.0	
0.2 - 0.5		

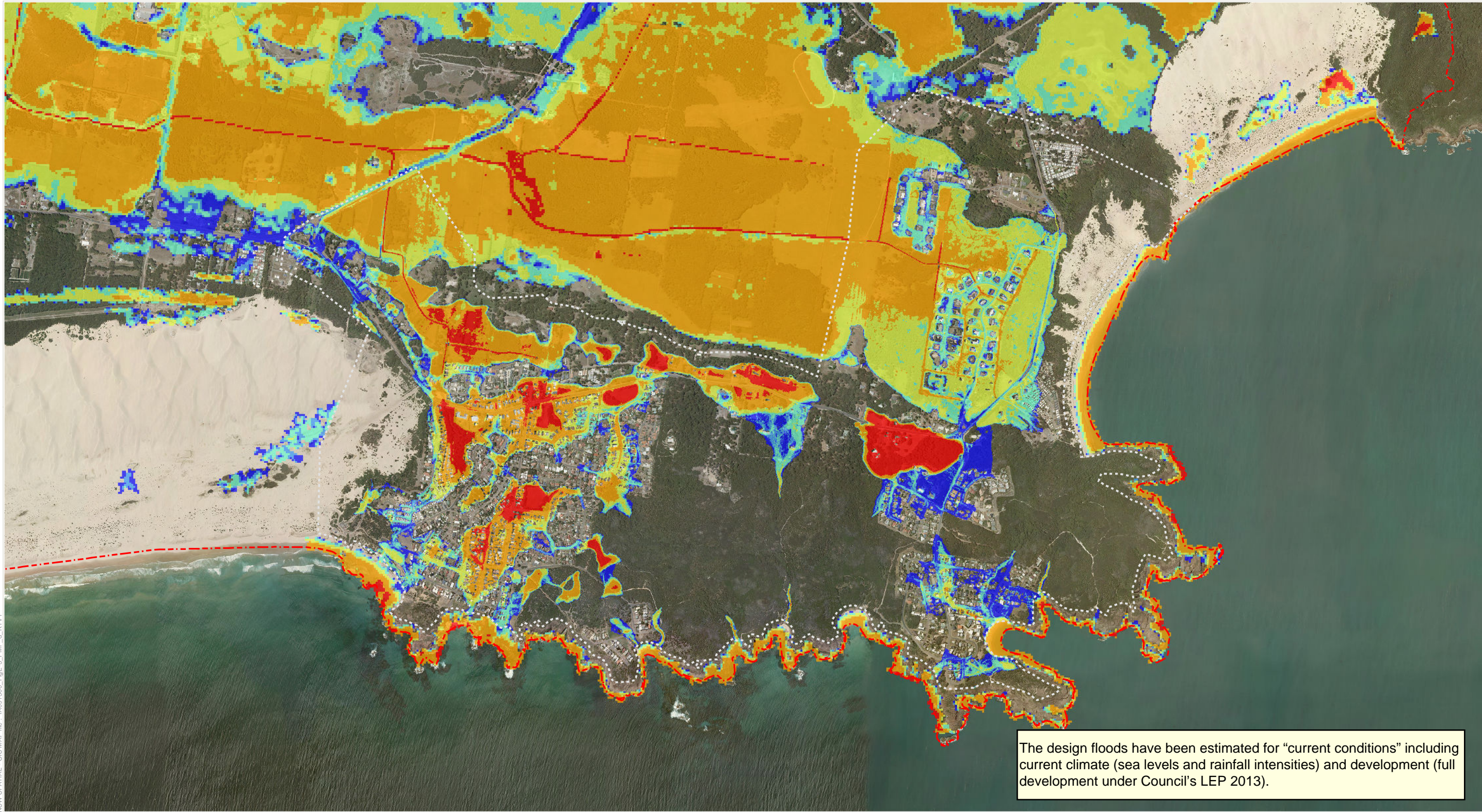


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**Figure E-5** Probable Maximum Flood Depth - Overall Study Area View















NSW SPATIAL - GIS MAP file : JA091300\_EgE-5\_PMF\_d\_R1V1

The design floods have been estimated for "current conditions" including current climate (sea levels and rainfall intensities) and development (full development under Council's LEP 2013).

**Legend**

- |   |   |   |
|---|---|---|
| <b>Peak flood depth (m)</b>   |  0.5 - 1.0 |  Study Area                        |
|  0 - 0.1   |  1.0 - 2.0 |  Urban Area TUFLOW Model (2m grid) |
|  0.1 - 0.2 |  > 2.0     |   |
|  0.2 - 0.5 |   |   |

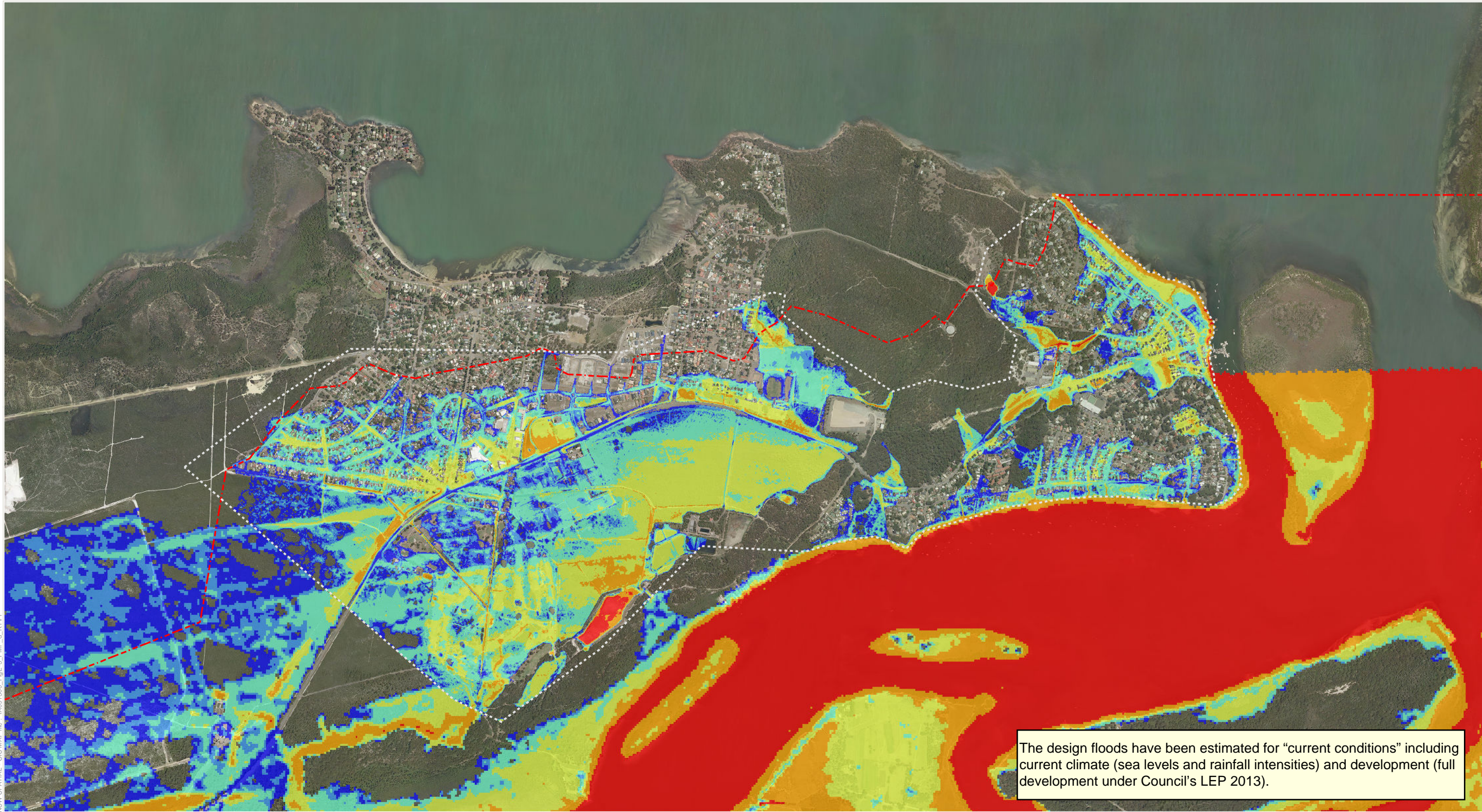
0  1 Kilometres 

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**Figure E-5A** Probable Maximum Flood Depth - Anna Bay Urban Area















NSW SPATIAL - GIS MAP file : JA091300\_EgE-S\_PMF\_d\_R1V1

The design floods have been estimated for "current conditions" including current climate (sea levels and rainfall intensities) and development (full development under Council's LEP 2013).

**Legend**

<b>Peak flood depth (m)</b>	 0.5 - 1.0	 Study Area
 0 - 0.1	 1.0 - 2.0	 Urban Area TUFLOW Model (2m grid)
 0.1 - 0.2	 > 2.0	
 0.2 - 0.5		



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**Figure E-5B** Probable Maximum Flood Depth - Tilligerry Peninsula Urban Area

