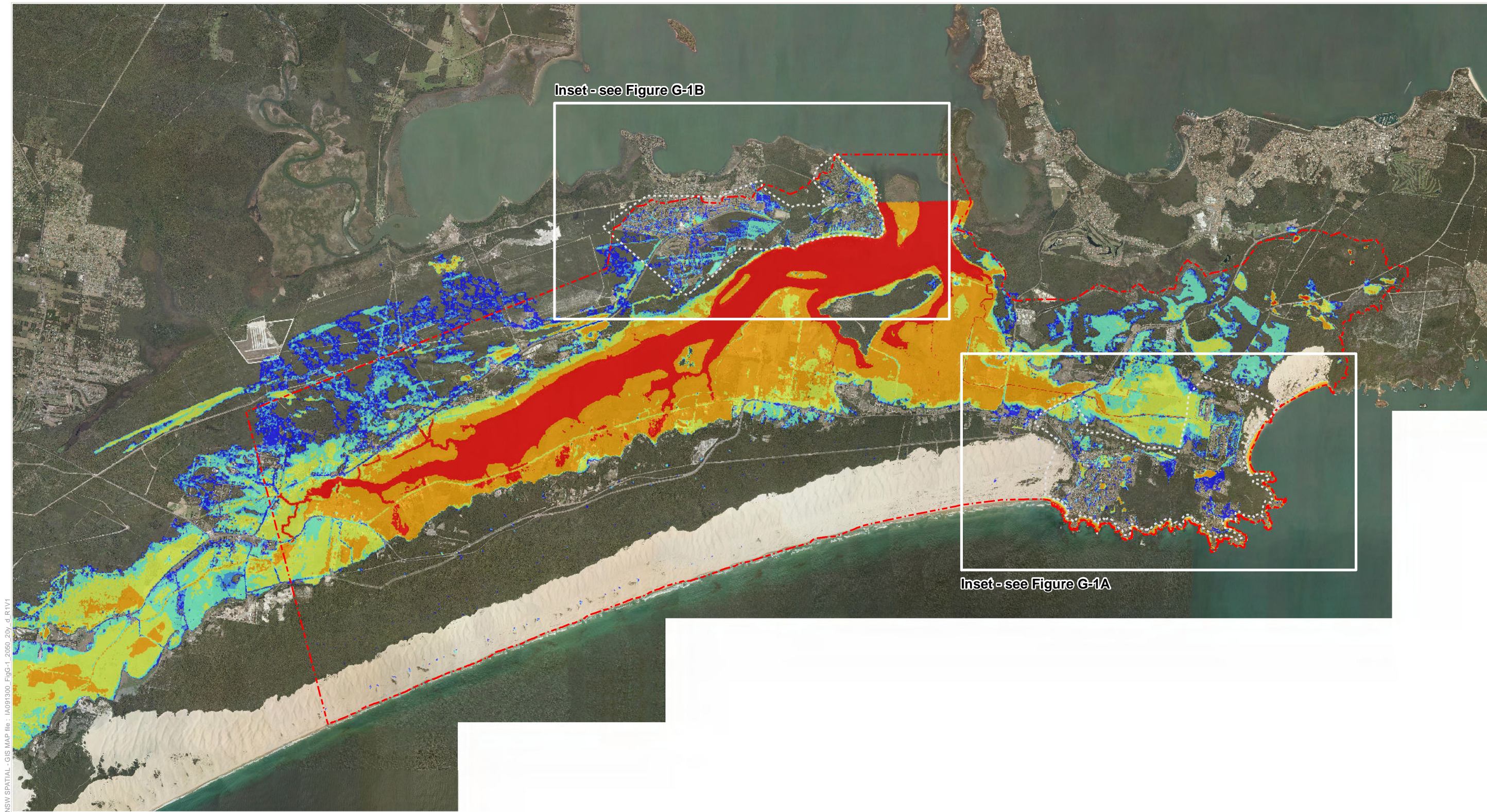


Appendix G. Climate Change Analysis Flood Mapping

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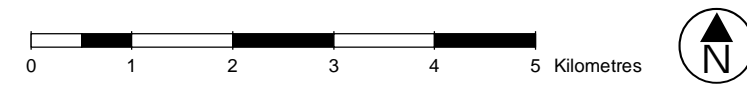
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NSW SPATIAL - GIS MAP file : JA091300_FigG-1_2050_20y_d_R1V1

Legend

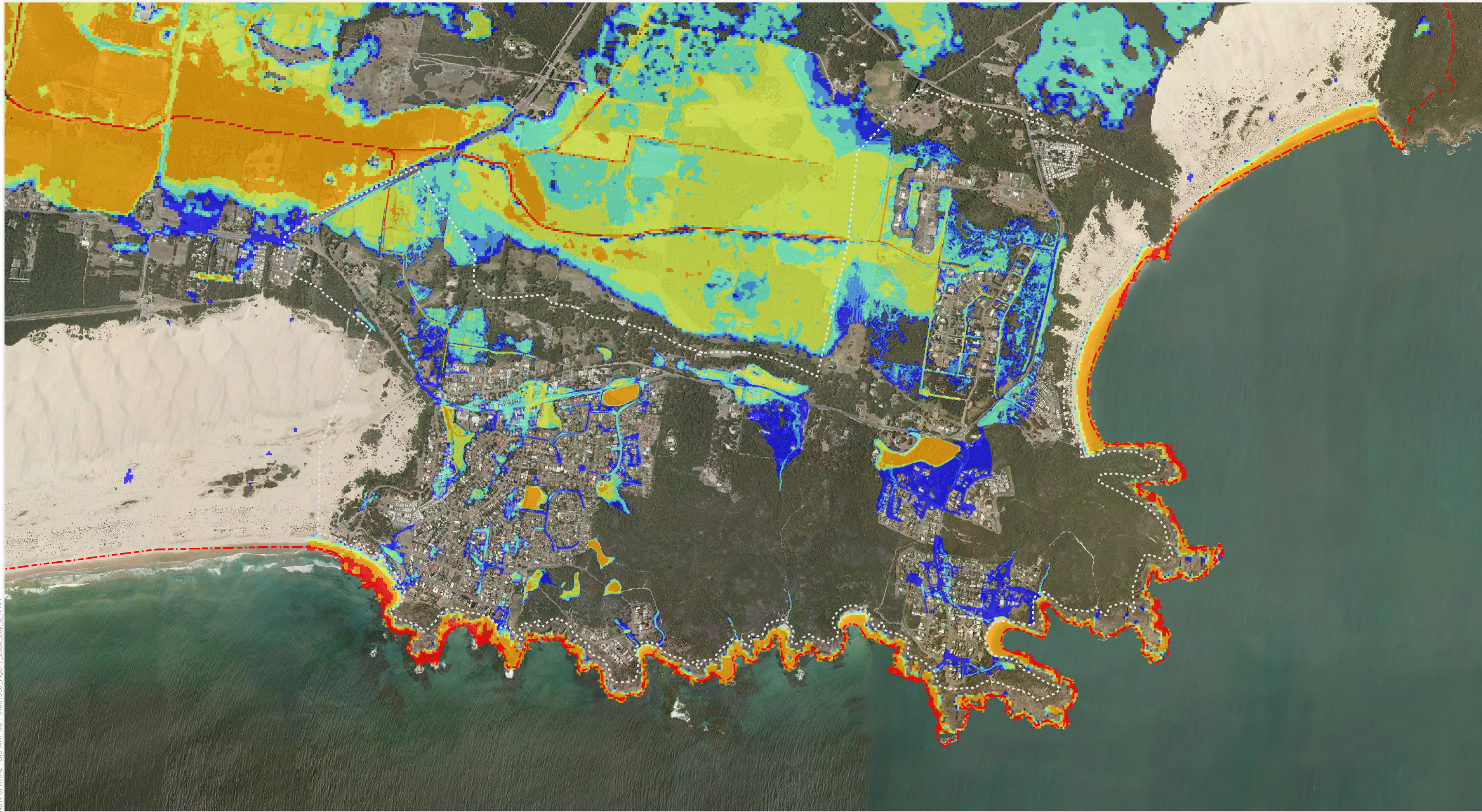
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study Area |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



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Figure G-1 5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus Current Design Rainfall Overall Study Area View





NSW SPATIAL - GIS MAP file : JA091300_FigG-1_2050_20y_d_R1V1

Legend

| | | |
|---|---|---|
| Peak flood depth (m) |  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 | | |

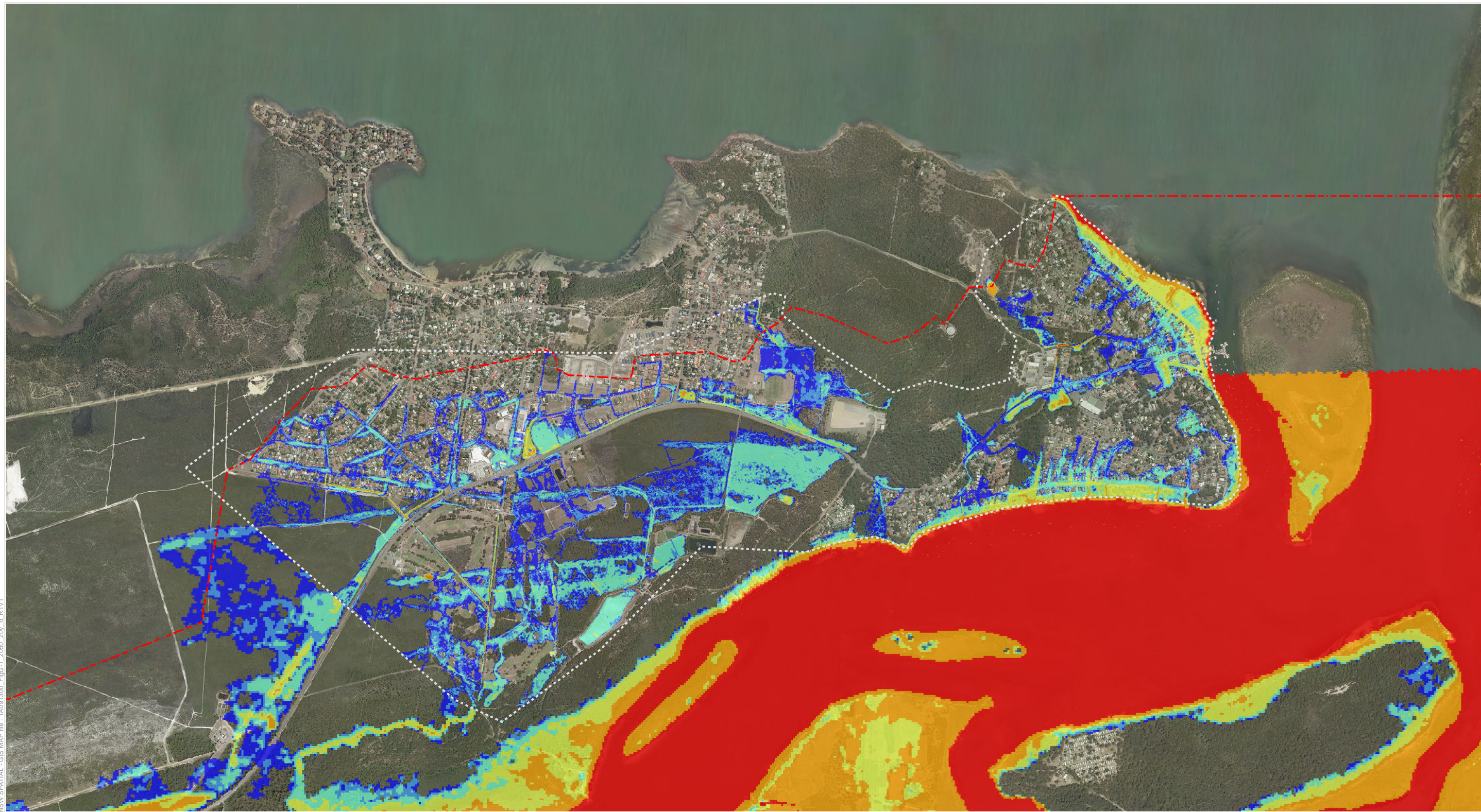


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Figure G-1A 5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus Current Design Rainfall
Anna Bay Urban Area



NSW SPATIAL - GIS MAP file : JA091300_FigG-1_2050_20y_d_RTV1



Legend

| | | |
|---|---|---|
| Peak flood depth (m) |  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 | | |

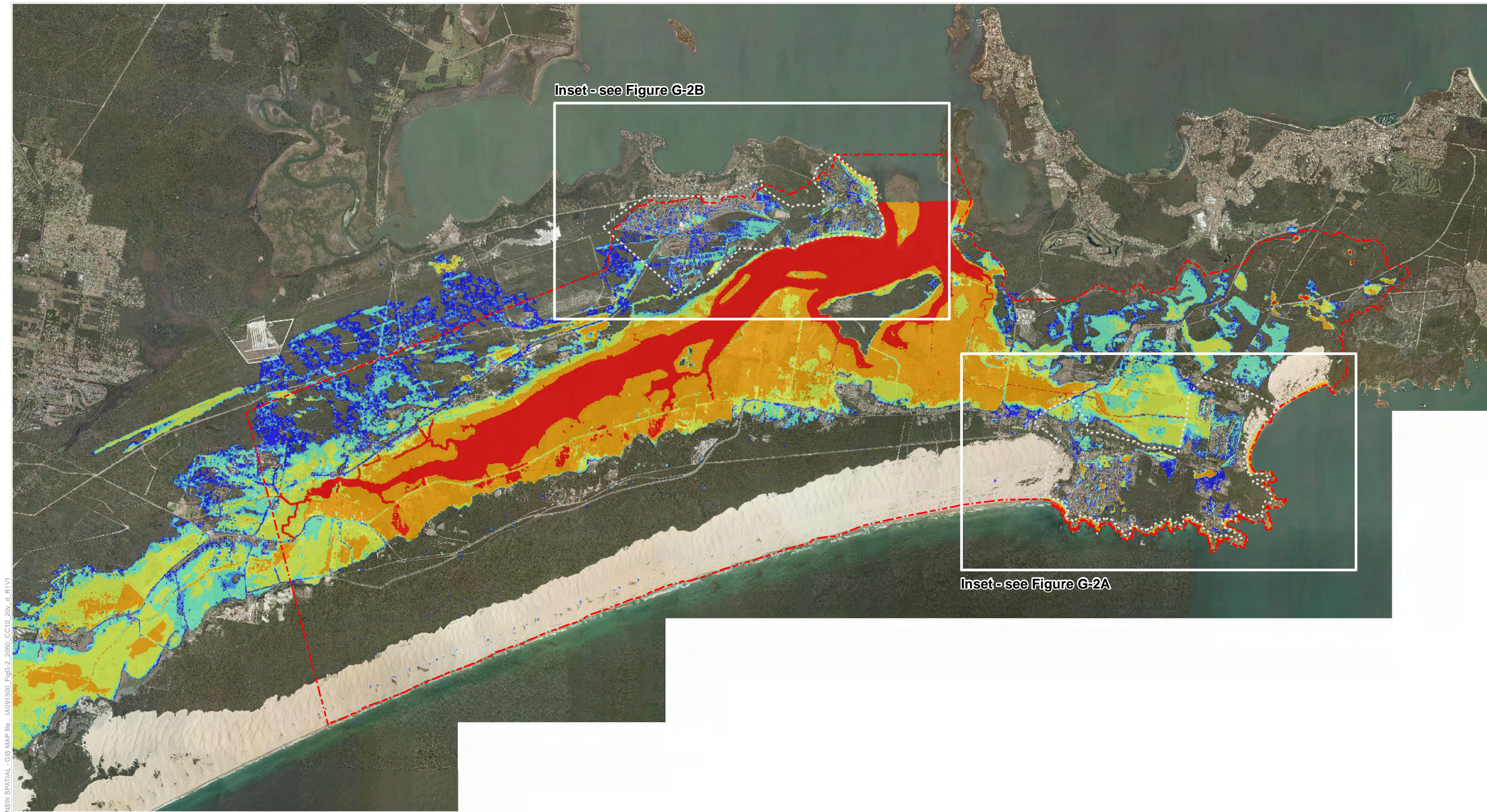


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Figure G-1B

5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus Current Design Rainfall
Tilligerry Peninsula Urban Area

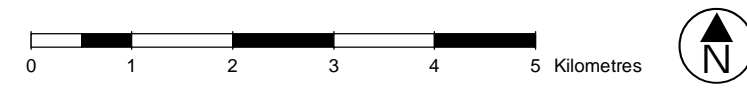




NSW SPATIAL - GIS MAP file : JA091300_FigG-2_2050_CC10_20y_d_R1V1

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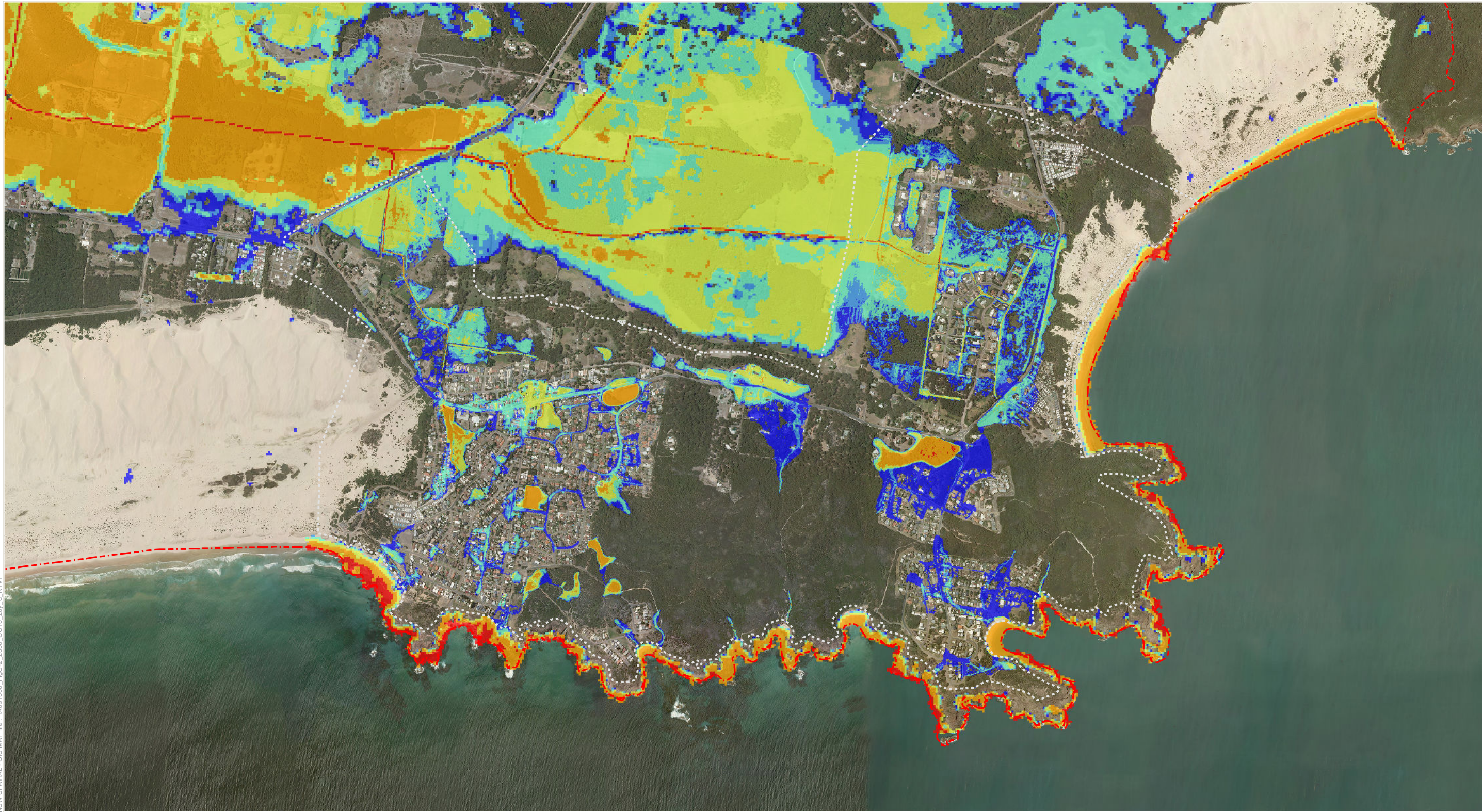
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study Area |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



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Figure G-2 5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus 10% Rainfall Increase Overall Study Area View





NSW SPATIAL - GIS MAP file : JA091300_FigG-2_2050_CC10_20y_d_R1V1

Legend

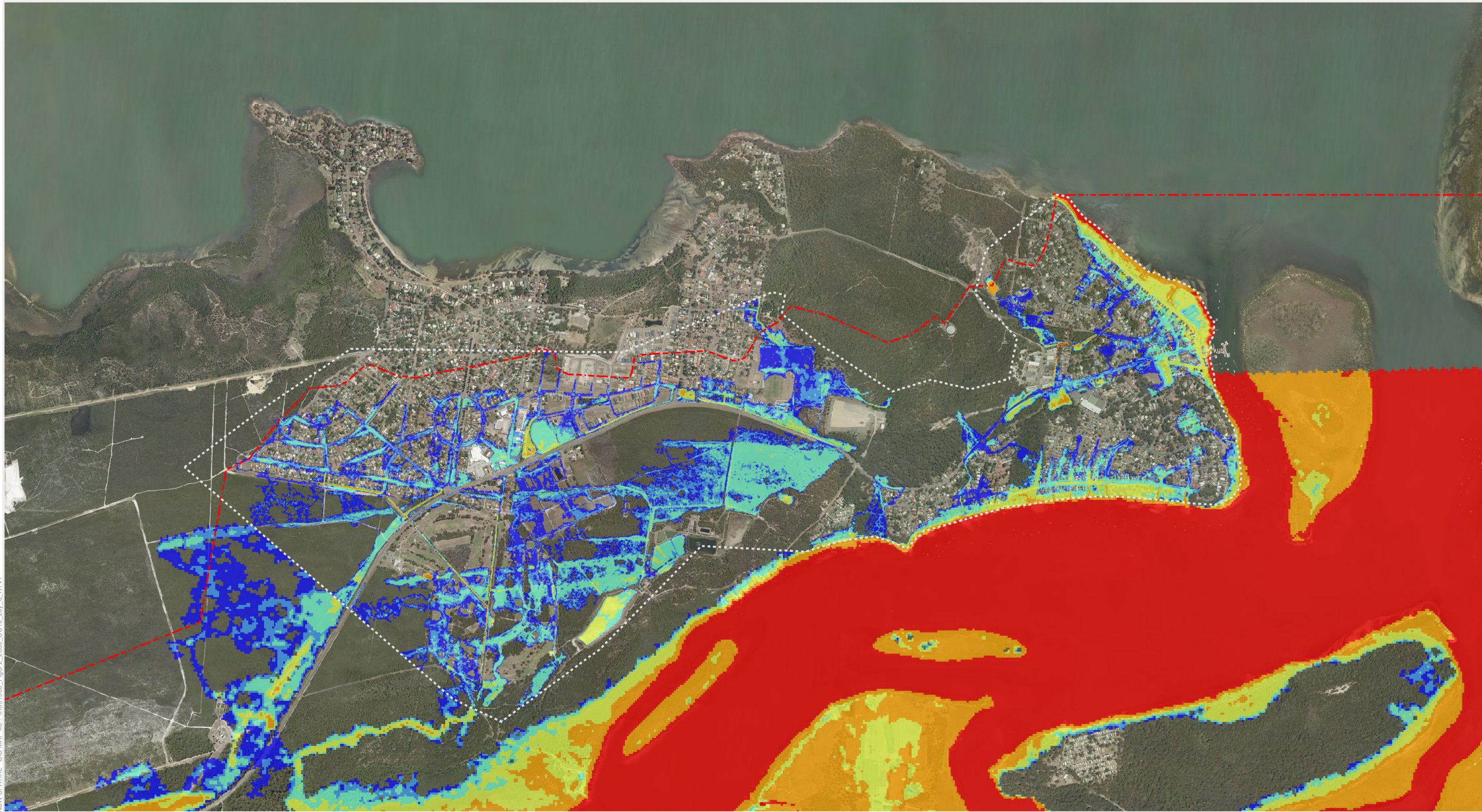
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study Area |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



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Figure G-2A 5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus 10% Rainfall Increase Anna Bay Urban Area





NSW SPATIAL - GIS MAP file : JA091300_FigG-2_2050_CC10_20y_d_R1V1

Legend

| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 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 | | |

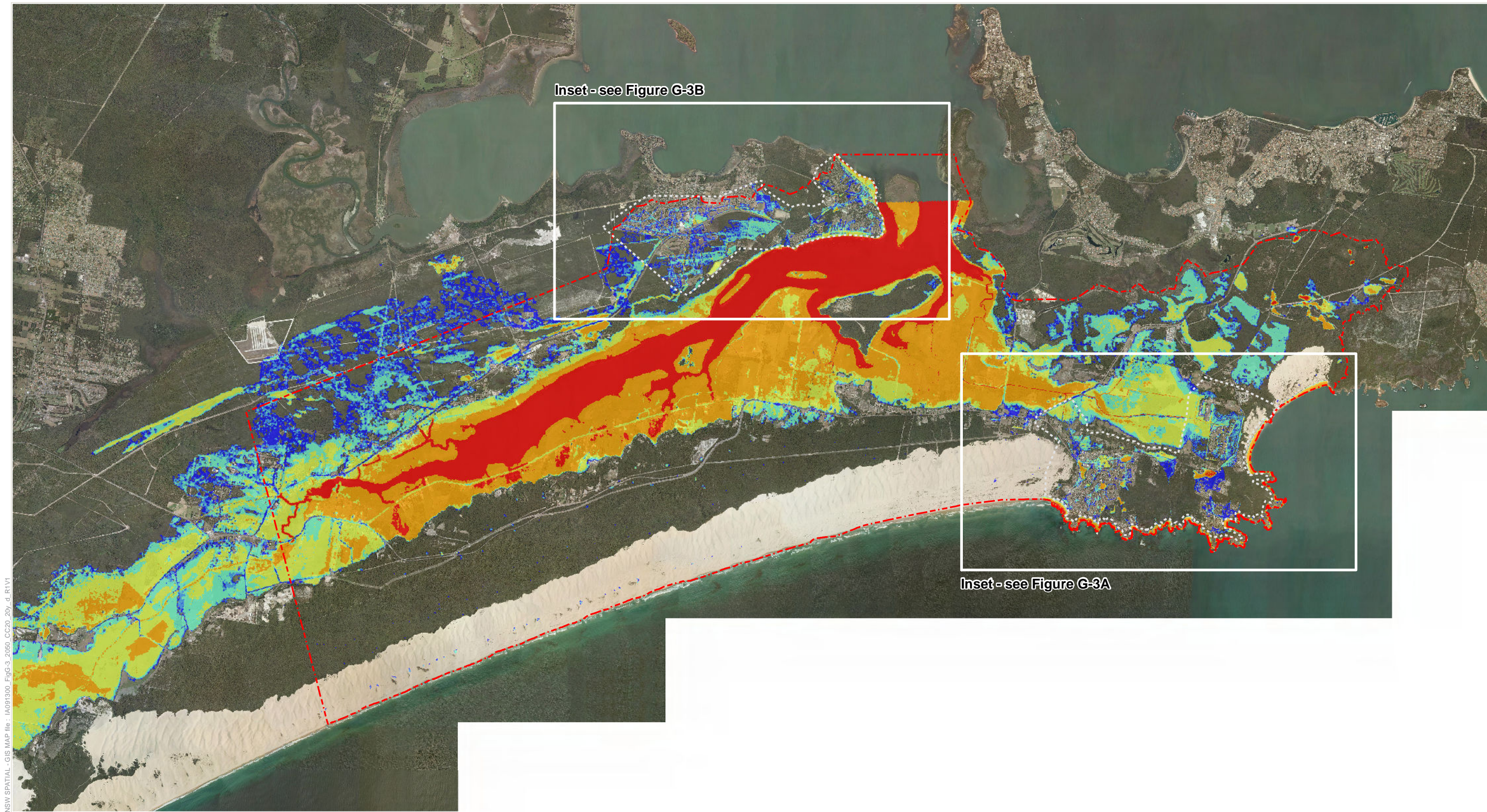


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Figure G-2B

5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus 10% Rainfall Increase
Tilligerry Peninsula Urban Area

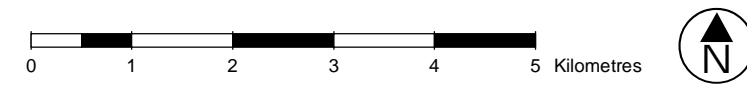




NSW SPATIAL - GIS MAP file : JA091300_FigG-3_2050_CC20_20y_d_R1V1

Legend

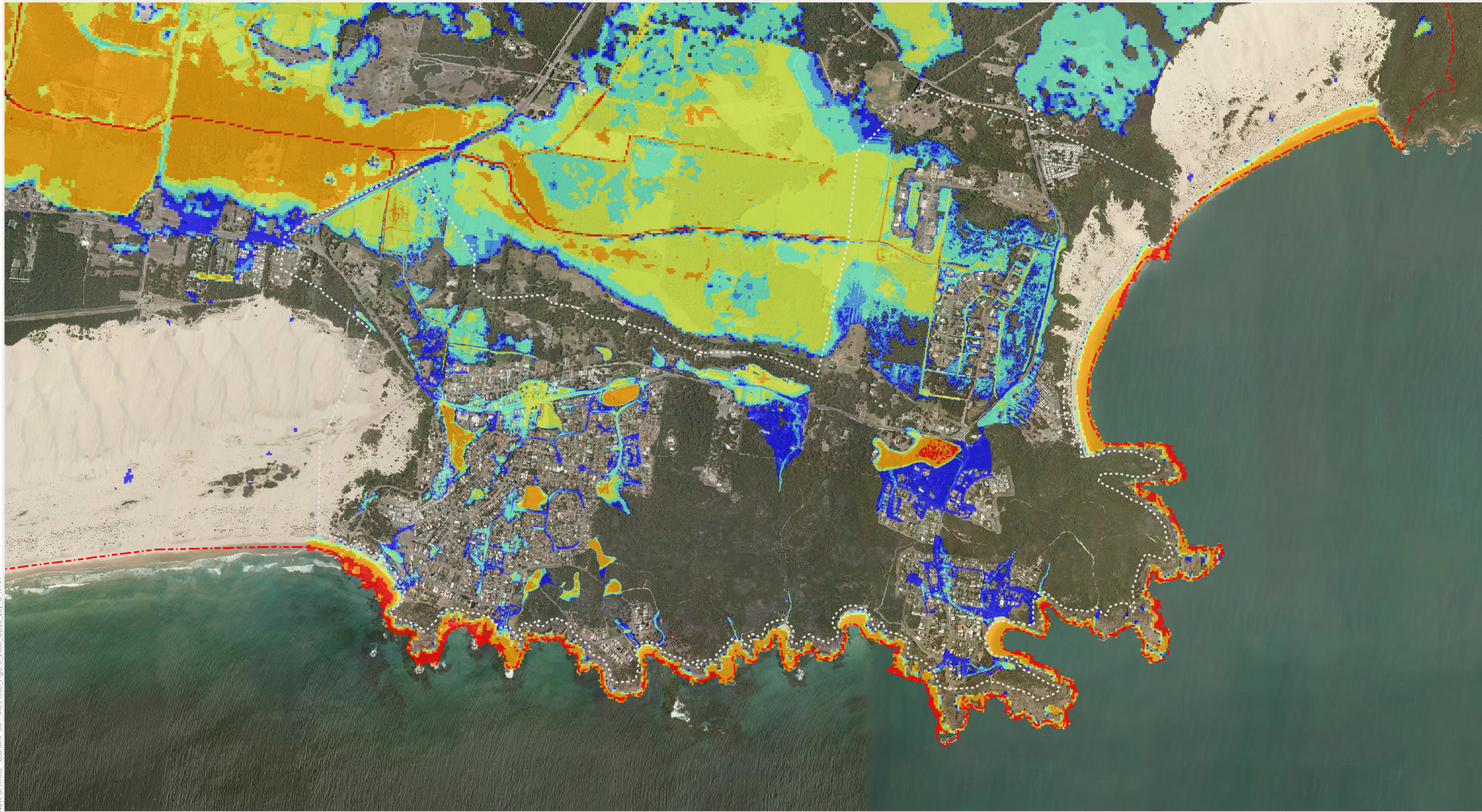
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



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


Figure G-3 5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus 20% Rainfall Increase Overall Study Area View





NSW SPATIAL - GIS MAP file : JA091300_FigG-3_2050_CC20_20y_d_R1V1

Legend

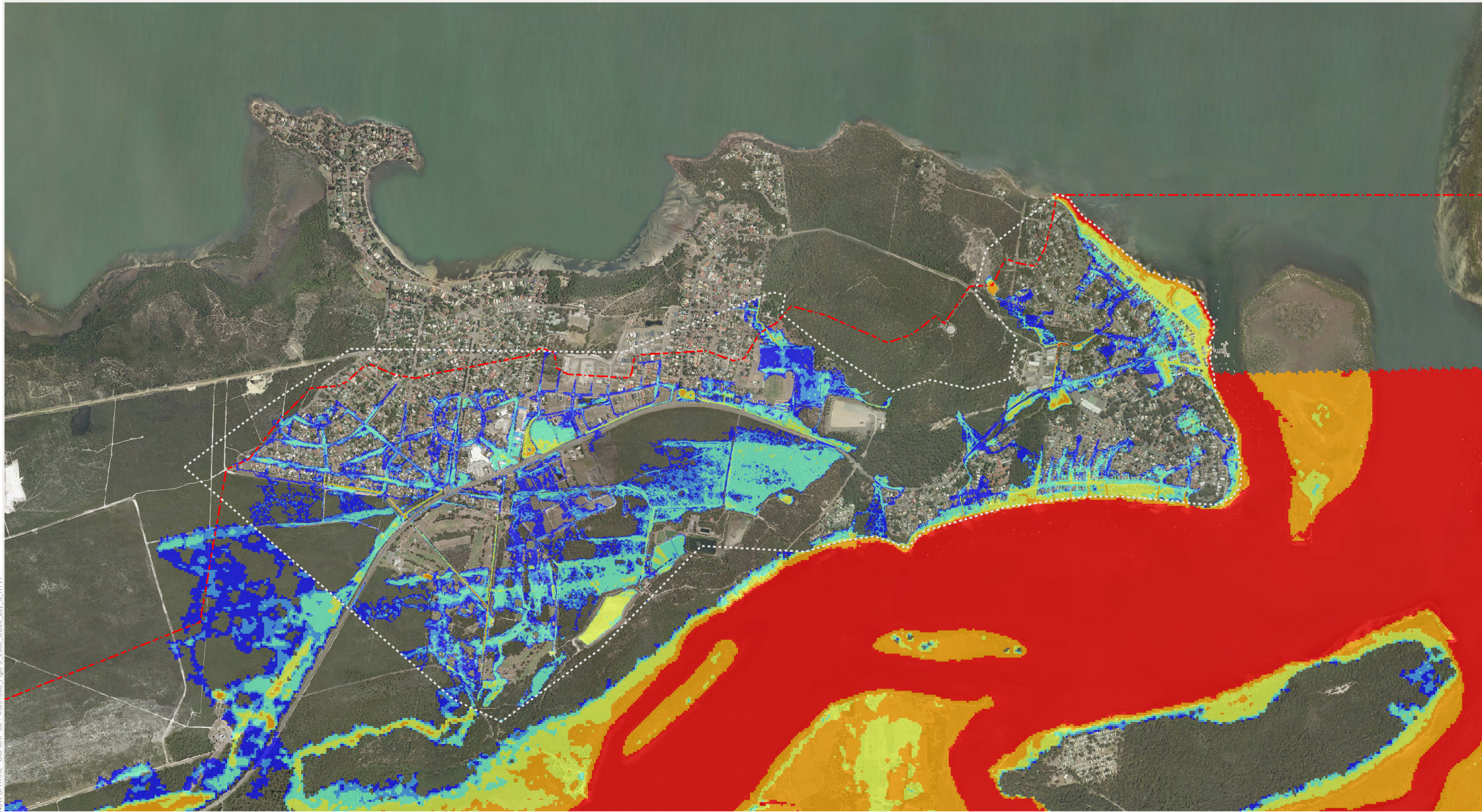
| | | |
|---|---|---|
| Peak flood depth (m) |  0.5 - 1.0 |  Study |
|  0 - 0.1 |  1.0 - 2.0 |  Urban Area TUFLOW Model (2m grid) |
|  0.1 - 0.2 |  > 2.0 | |
|  0.2 - 0.5 | | |



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Figure G-3A 5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus 20% Rainfall Increase Anna Bay Urban Area





NSW SPATIAL - GIS MAP file : JA091300_FigG-3_2050_CC20_20y_d_R1V1

Legend

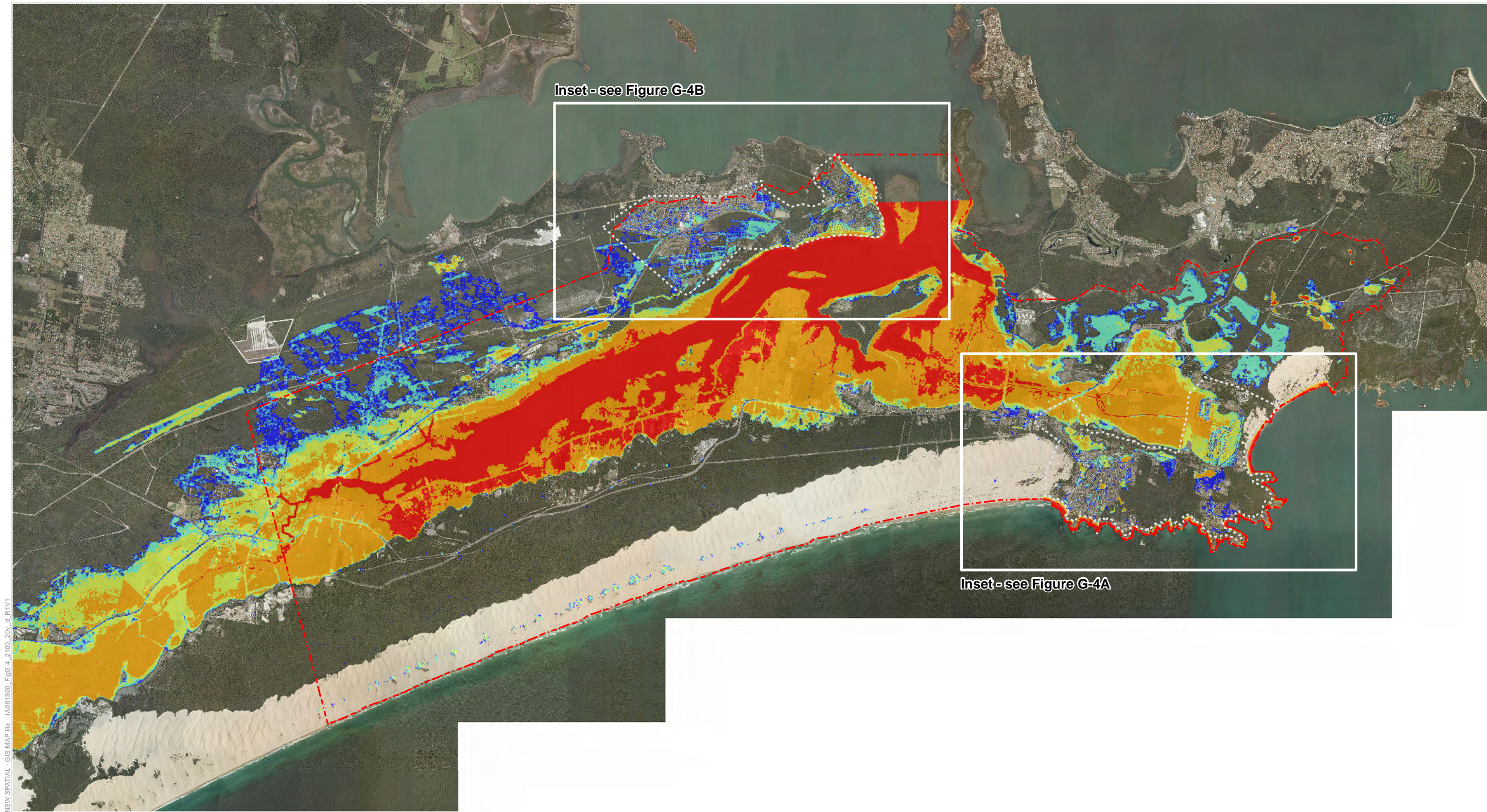
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



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Figure G-3B 5% AEP Flood Depth - Climate Change - 2050 Sea Level (+0.4m) plus 20% Rainfall Increase Tilligerry Peninsula Urban Area

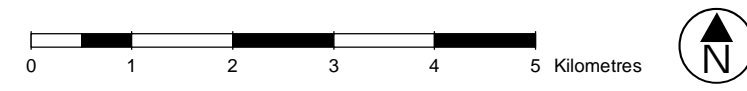




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Legend

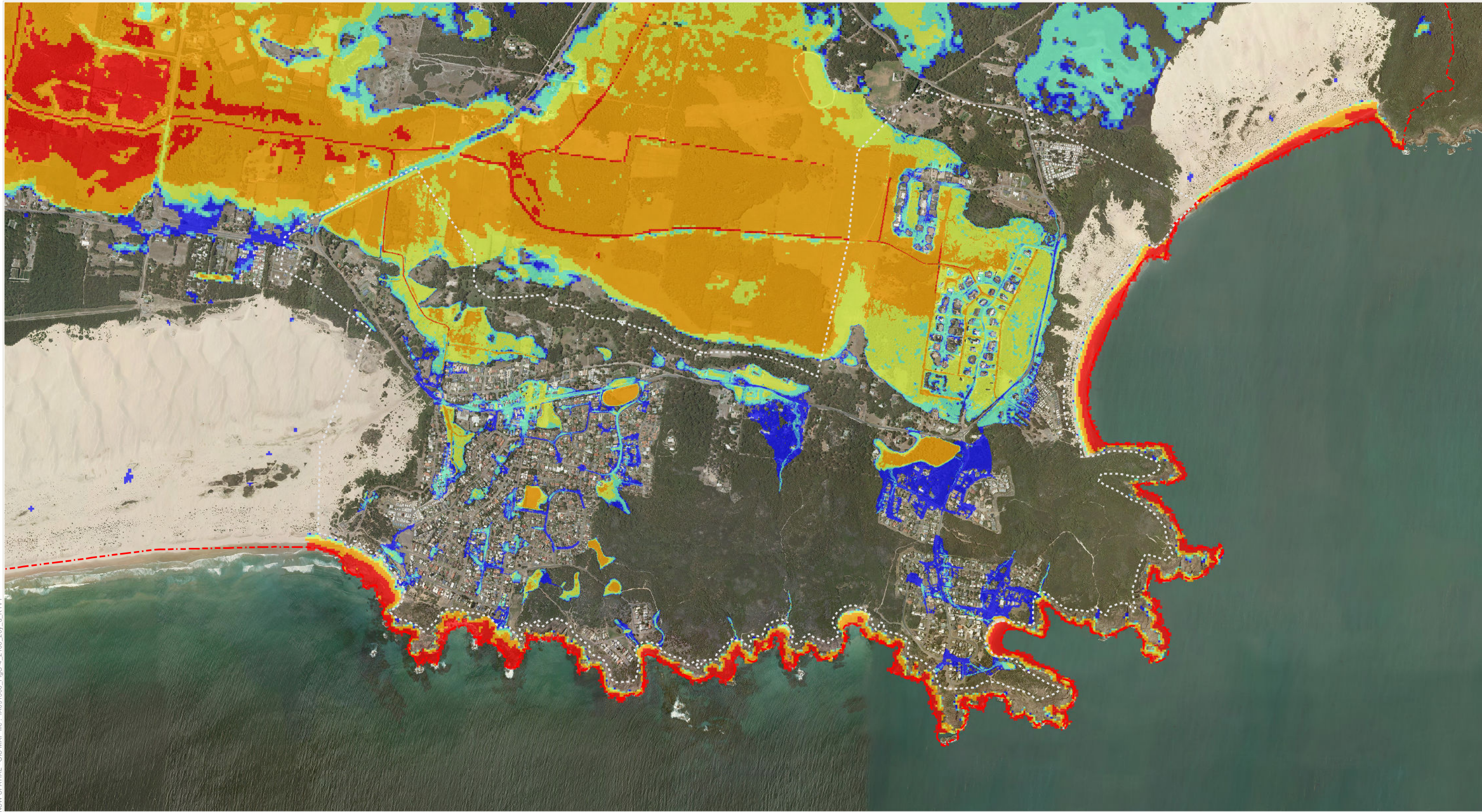
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study Area |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



1:75,000@ A3









Figure G-4 5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus Current Design Rainfall Overall Study Area View





NSW SPATIAL - GIS MAP file : JA091300_FigG-4_2100_20y_d_RTV1

Legend

| | | |
|---|---|---|
| Peak flood depth (m) |  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 | | |



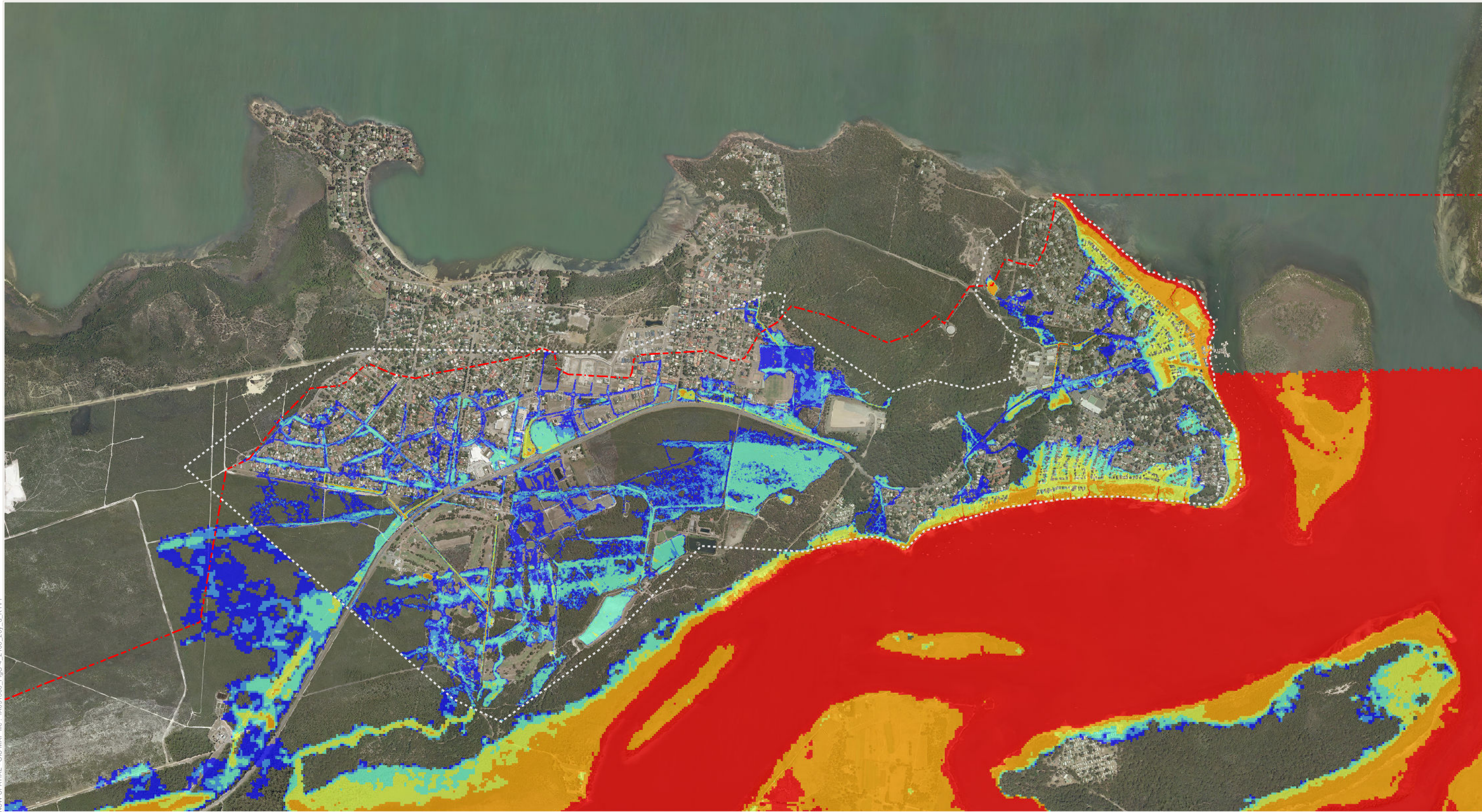
1:20,000@ A3

Figure G-4A

5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus Current Design Rainfall
Anna Bay Urban Area



NSW SPATIAL - GIS MAP file : JA091300_FigG-4_2100_20y_d_R1V1



Legend









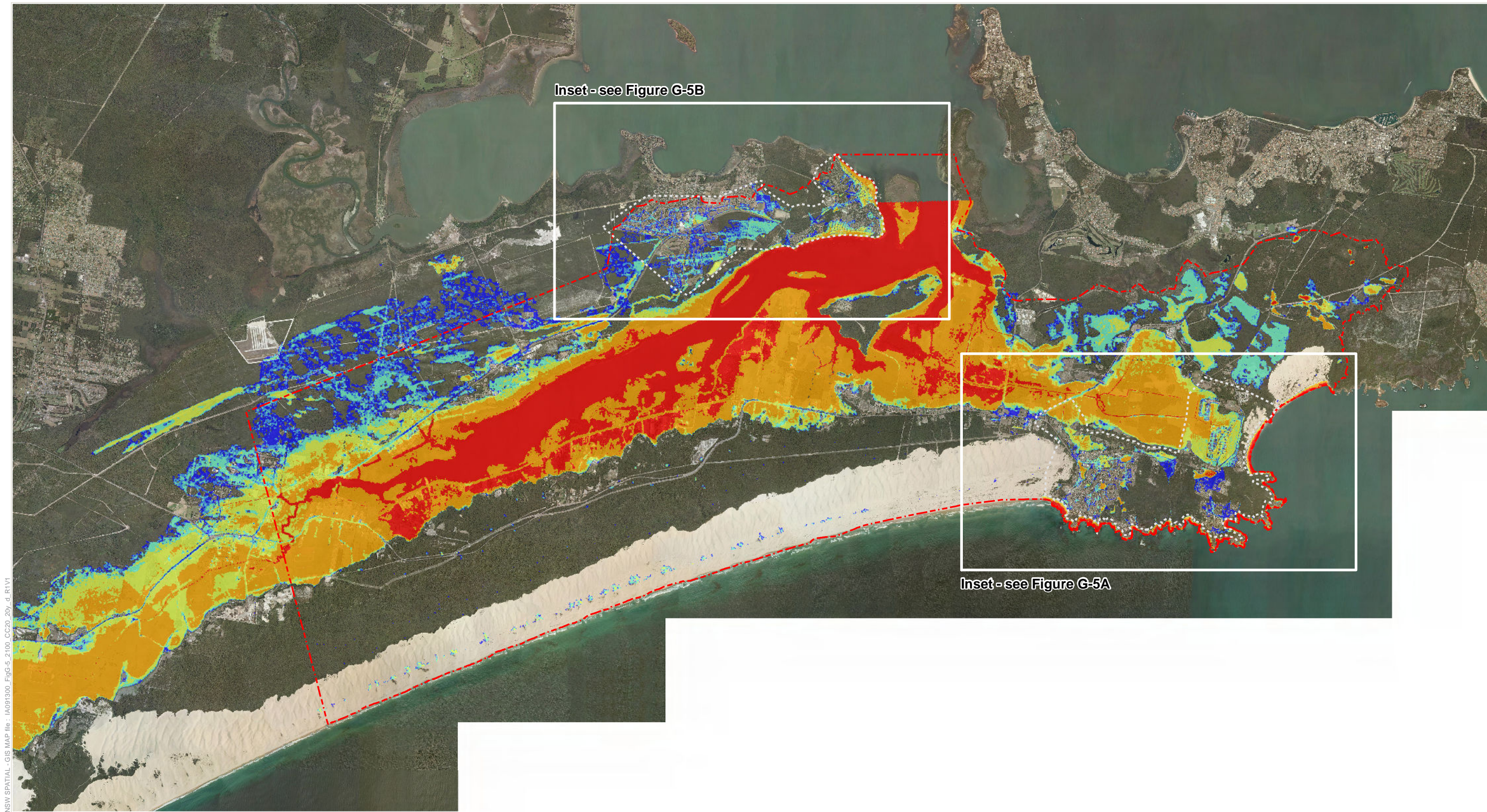
| | | |
|---|---|---|
| Peak flood depth (m) |  0.5 - 1.0 |  Study Area |
|  0 - 0.1 |  1.0 - 2.0 |  Urban Area TUFLOW Model (2m grid) |
|  0.1 - 0.2 |  > 2.0 | |
|  0.2 - 0.5 | | |



Figure G-4B 5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus Current Design Rainfall Tilligerry Peninsula Urban Area

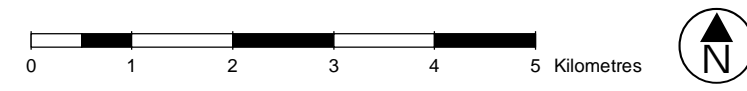




NSW SPATIAL - GIS MAP file : JA091300_FigG-5_2100_CC20_20y_d_R1V1

Legend

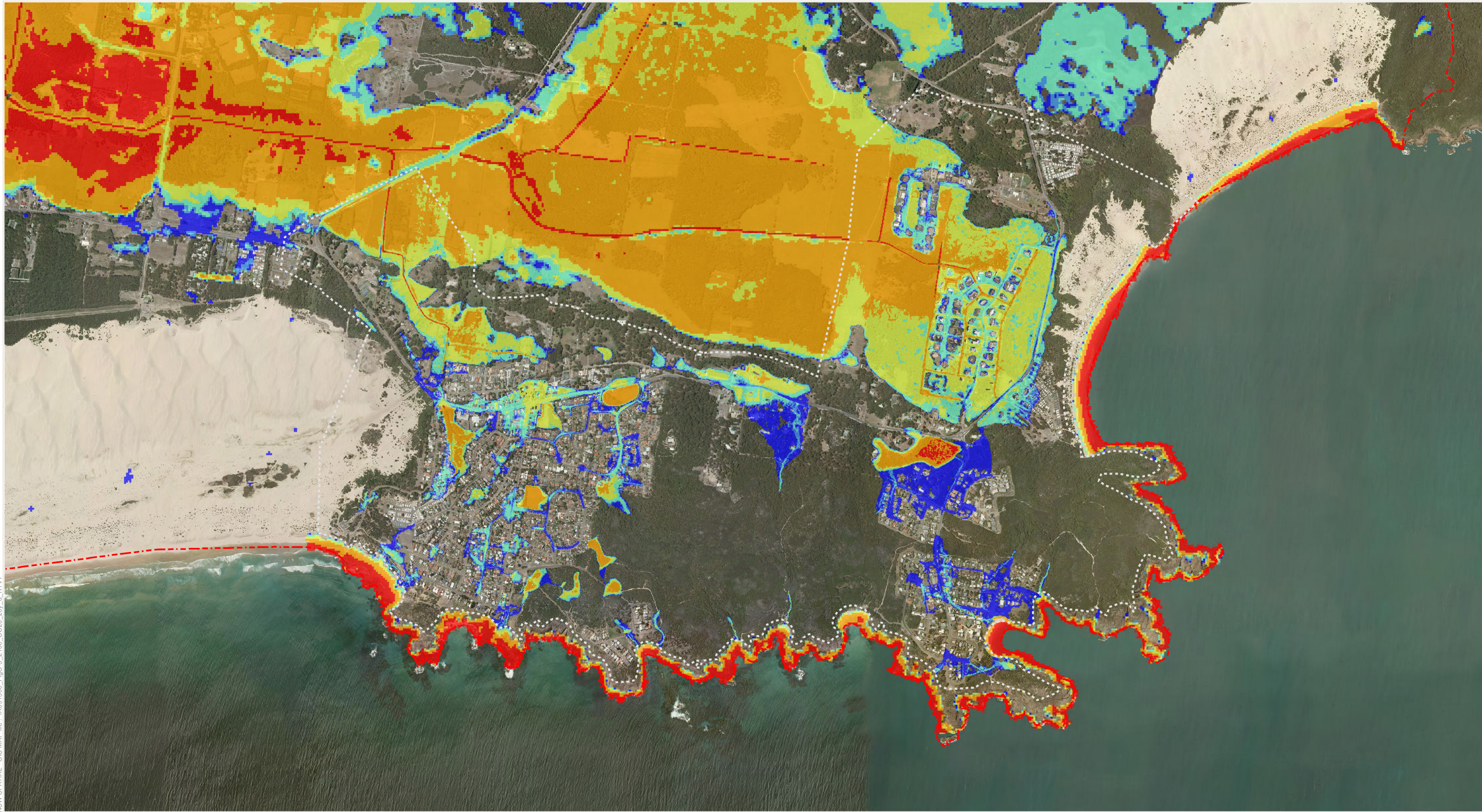
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



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Figure G-5 5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus 20% Rainfall Increase Overall Study Area View





NSW SPATIAL - GIS MAP file : JA091300_FigG-5_2100_CC20_20y_d_R1V1

Legend

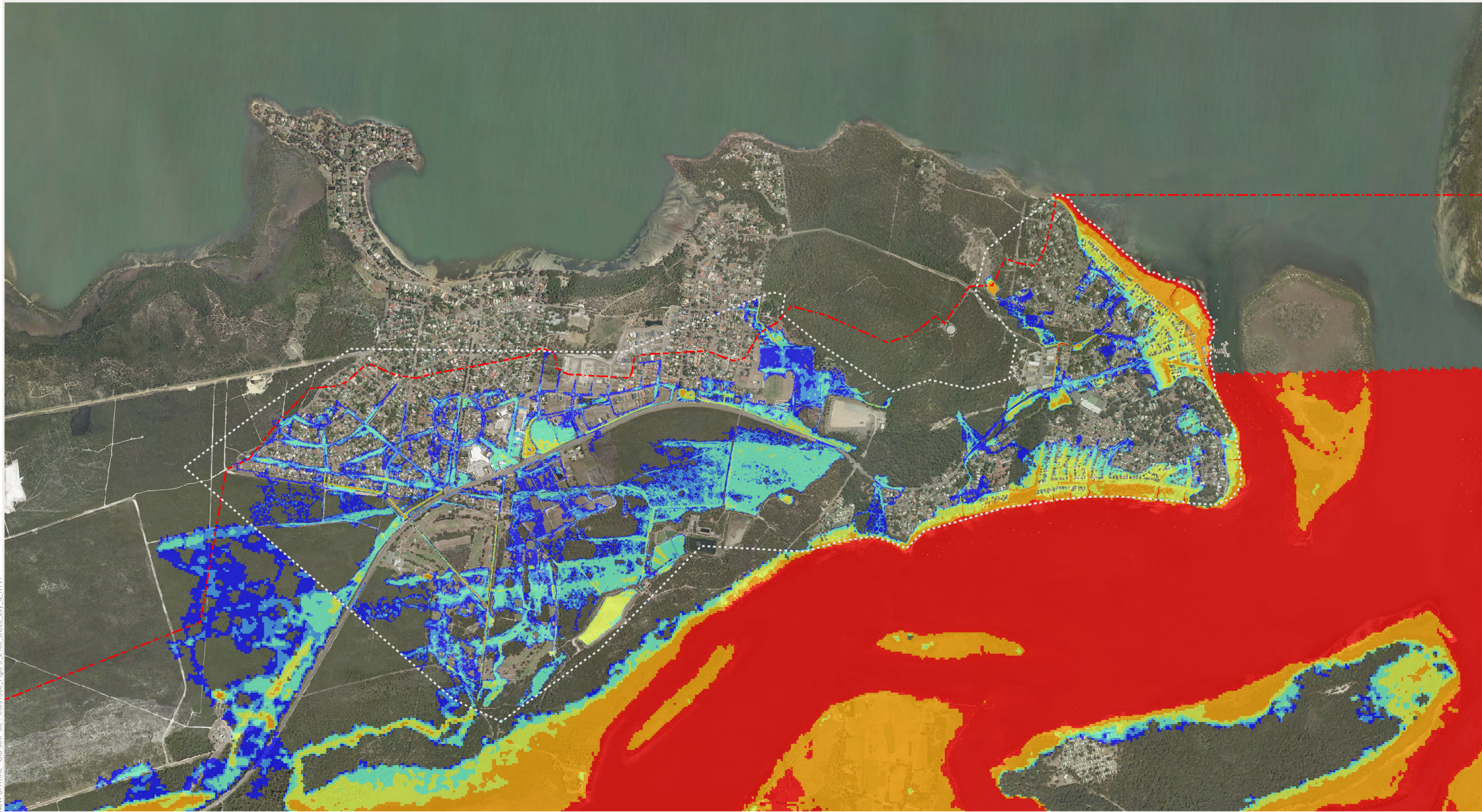
| | | |
|---|---|---|
| Peak flood depth (m) |  0.5 - 1.0 |  Study |
|  0 - 0.1 |  1.0 - 2.0 |  Urban Area TUFLOW Model (2m grid) |
|  0.1 - 0.2 |  > 2.0 | |
|  0.2 - 0.5 | | |



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Figure G-5A 5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus 20% Rainfall Increase Anna Bay Urban Area





NSW SPATIAL - GIS MAP file : JA091300_FigG-5_2100_CC20_20y_d_R1V1

Legend

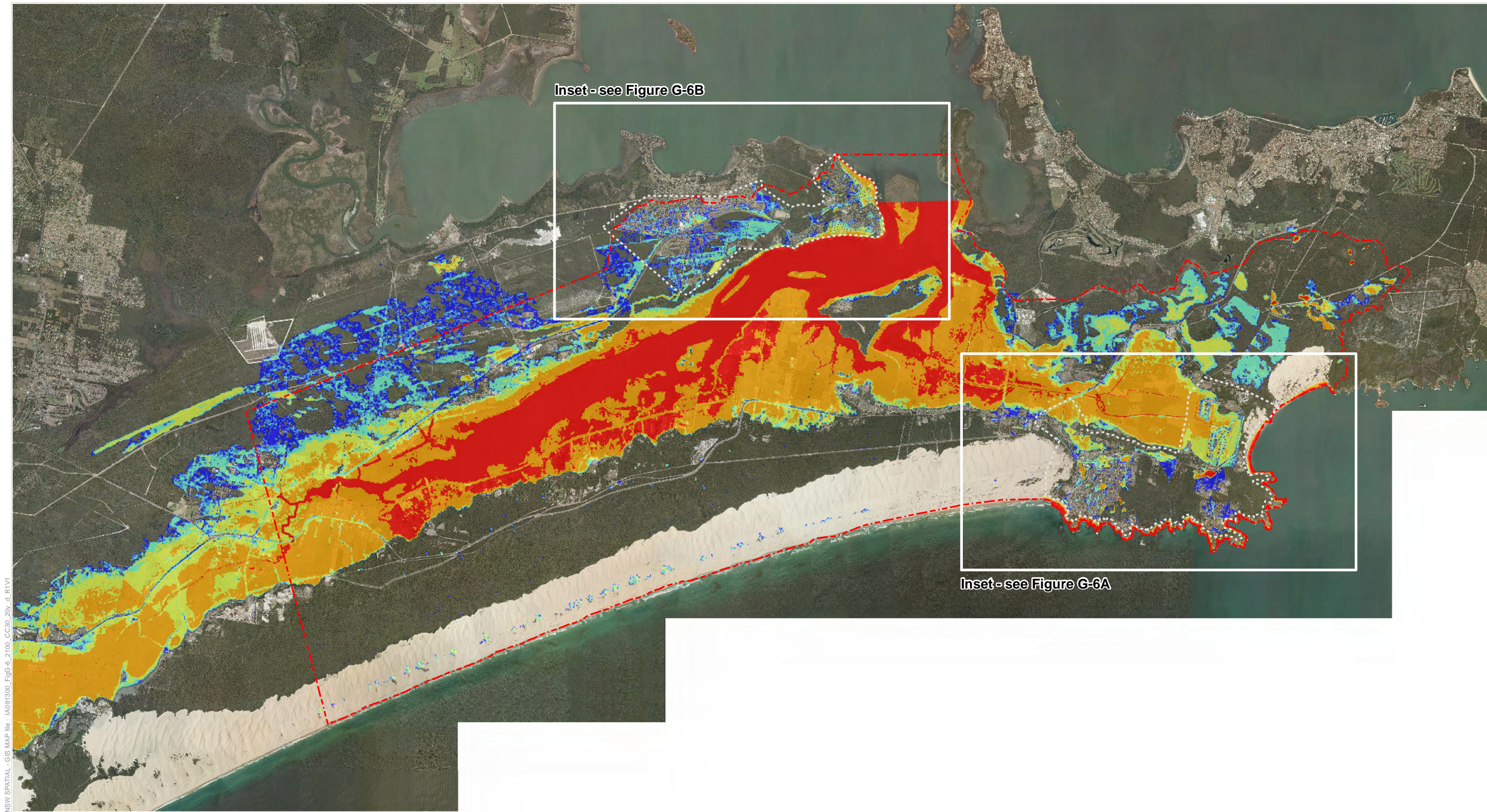
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



1:20,000@ A3

Figure G-5B 5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus 20% Rainfall Increase Tilligerry Peninsula Urban Area

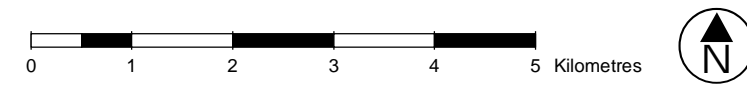




NSW SPATIAL - GIS MAP file : JA091300_FigG-6_2100_CC30_20y_d_R1V1

Legend

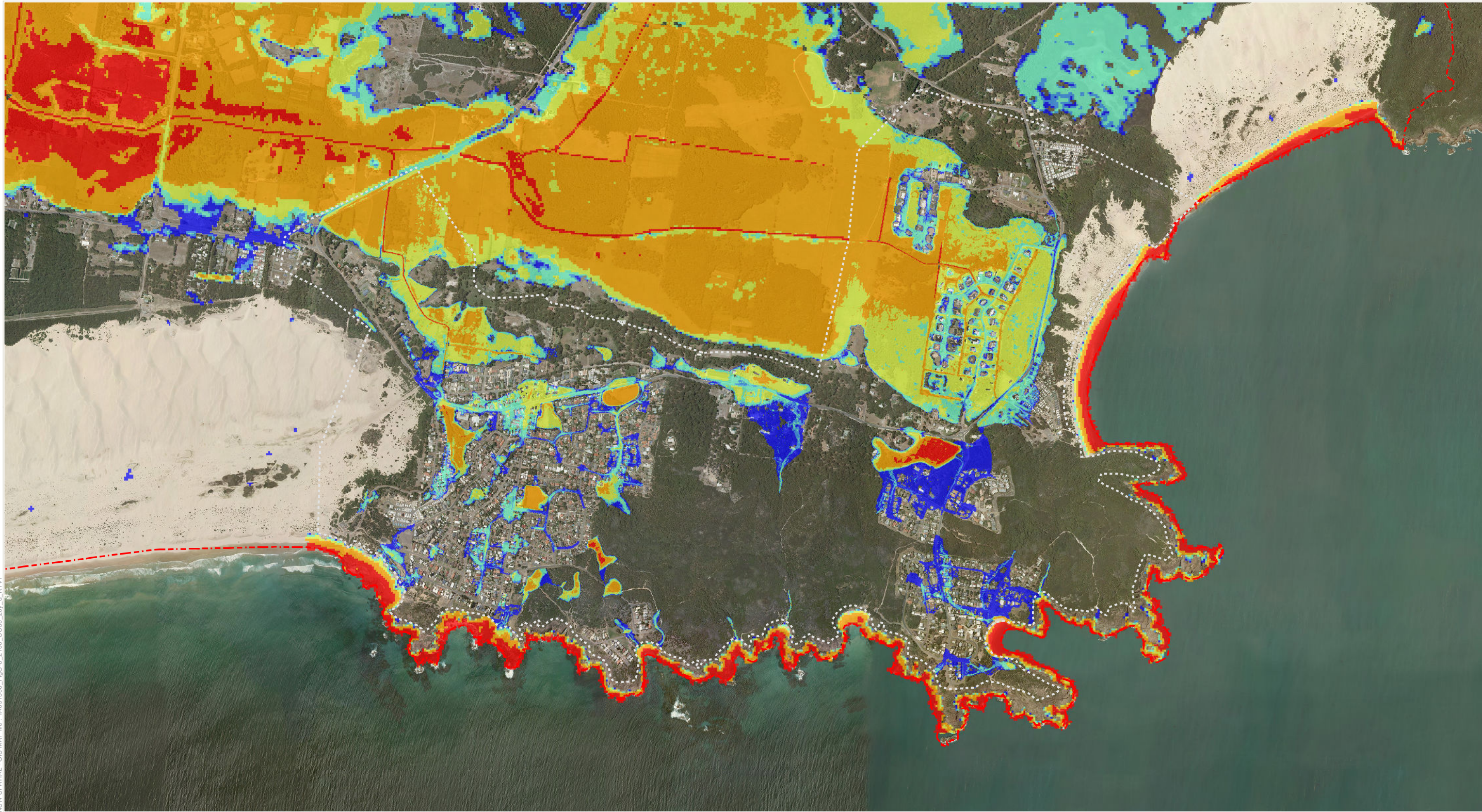
| | | |
|-----------------------------|-----------|-----------------------------------|
| Peak flood depth (m) | 0.5 - 1.0 | Study |
| 0 - 0.1 | 1.0 - 2.0 | Urban Area TUFLOW Model (2m grid) |
| 0.1 - 0.2 | > 2.0 | |
| 0.2 - 0.5 | | |



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Figure G-6 5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus 30% Rainfall Increase Overall Study Area View





NSW SPATIAL - GIS MAP file : JA091300_FigG-6_2100_CC30_20y_d_R1V1

Legend

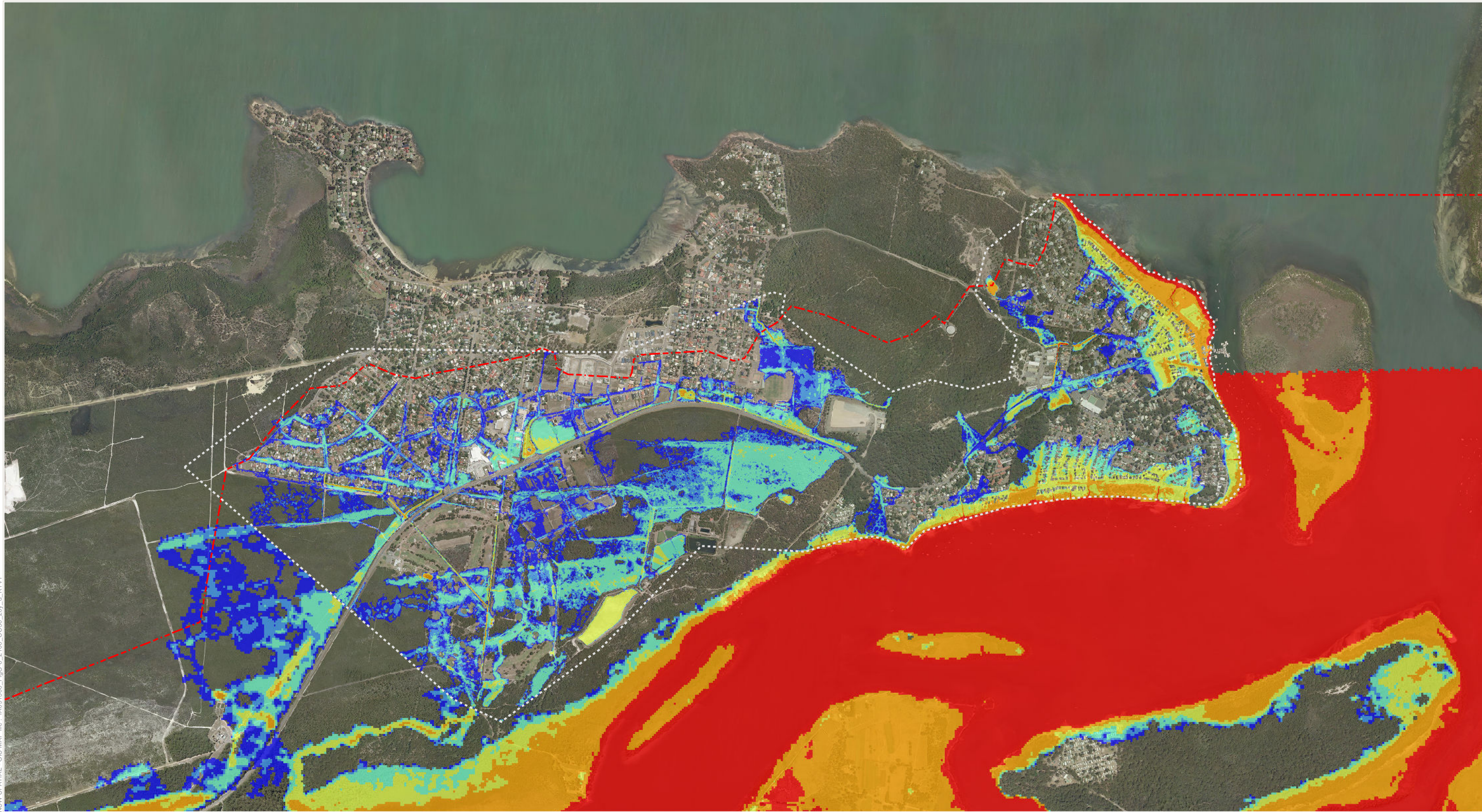
| | | |
|---|---|---|
| Peak flood depth (m) |  0.5 - 1.0 |  Study |
|  0 - 0.1 |  1.0 - 2.0 |  Urban Area TUFLOW Model (2m grid) |
|  0.1 - 0.2 |  > 2.0 | |
|  0.2 - 0.5 | | |



1:20,000@ A3

Figure G-6A 5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus 30% Rainfall Increase
Anna Bay Urban Area





NSW SPATIAL - GIS MAP file : JA091300_FigG-6_2100_CC30_20y_d_R1V1

Legend

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



1:20,000@ A3

Figure G-6B

5% AEP Flood Depth - Climate Change - 2100 Sea Level (+0.9m) plus 30% Rainfall Increase
Tilligerry Peninsula Urban Area

