

## VOLUME 2 OF 2 – DESIGN FLOOD MAPPING:

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- Figure D12 – Impact of Flood Study Update – Risk Management Blockage – 1% AEP Event – Scenario ID2
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- Figure D14 – Impact of Flood Study Update – Risk Management Blockage – PMF Event – Scenario ID2



Map Set A

FIGURE 1

**HEWITTS CREEK CATCHMENT  
STUDY AREA**

Note:  
US refers to upstream

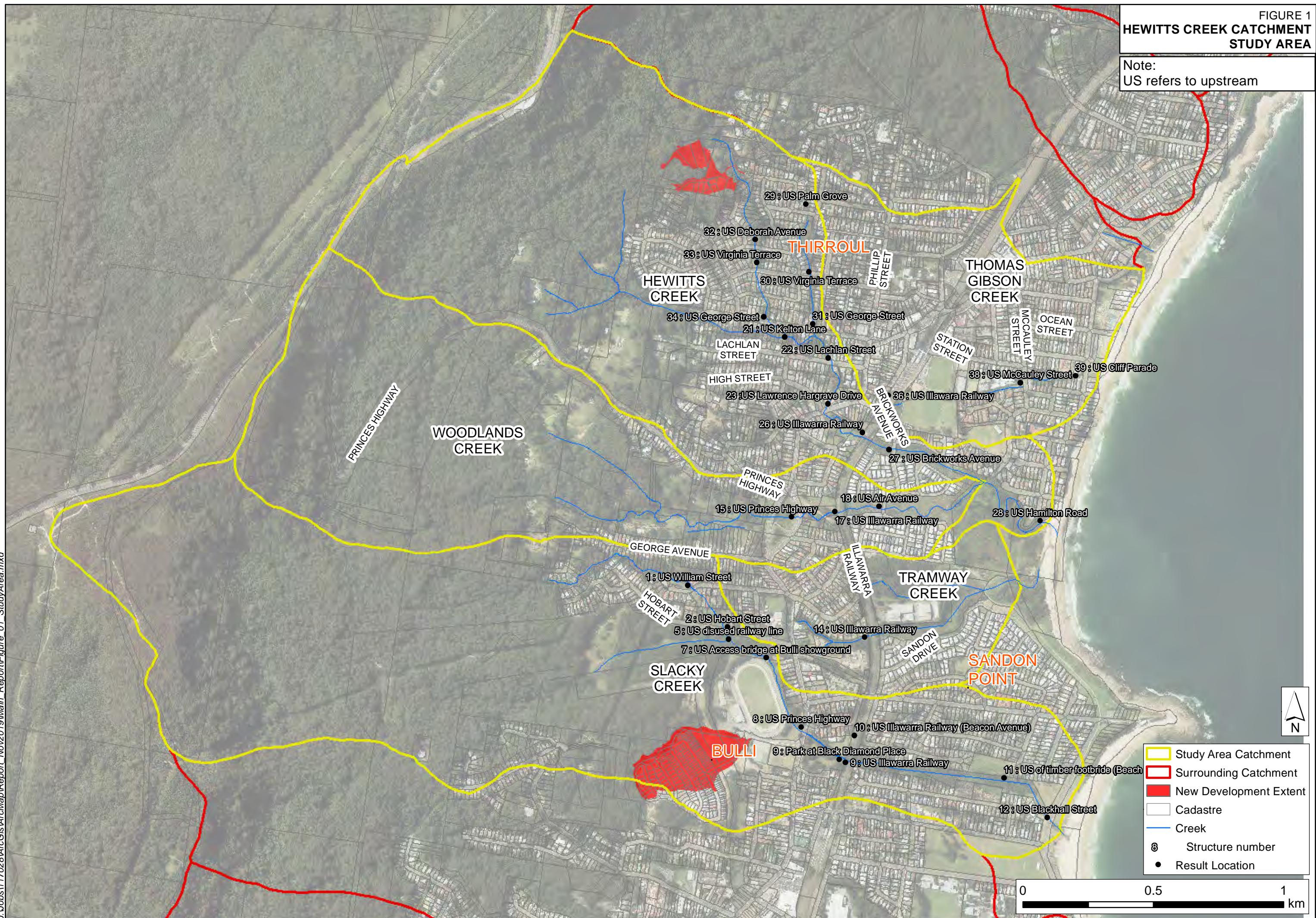


FIGURE 2

HEWITTS CREEK CATCHMENT  
LAND USE ZONING

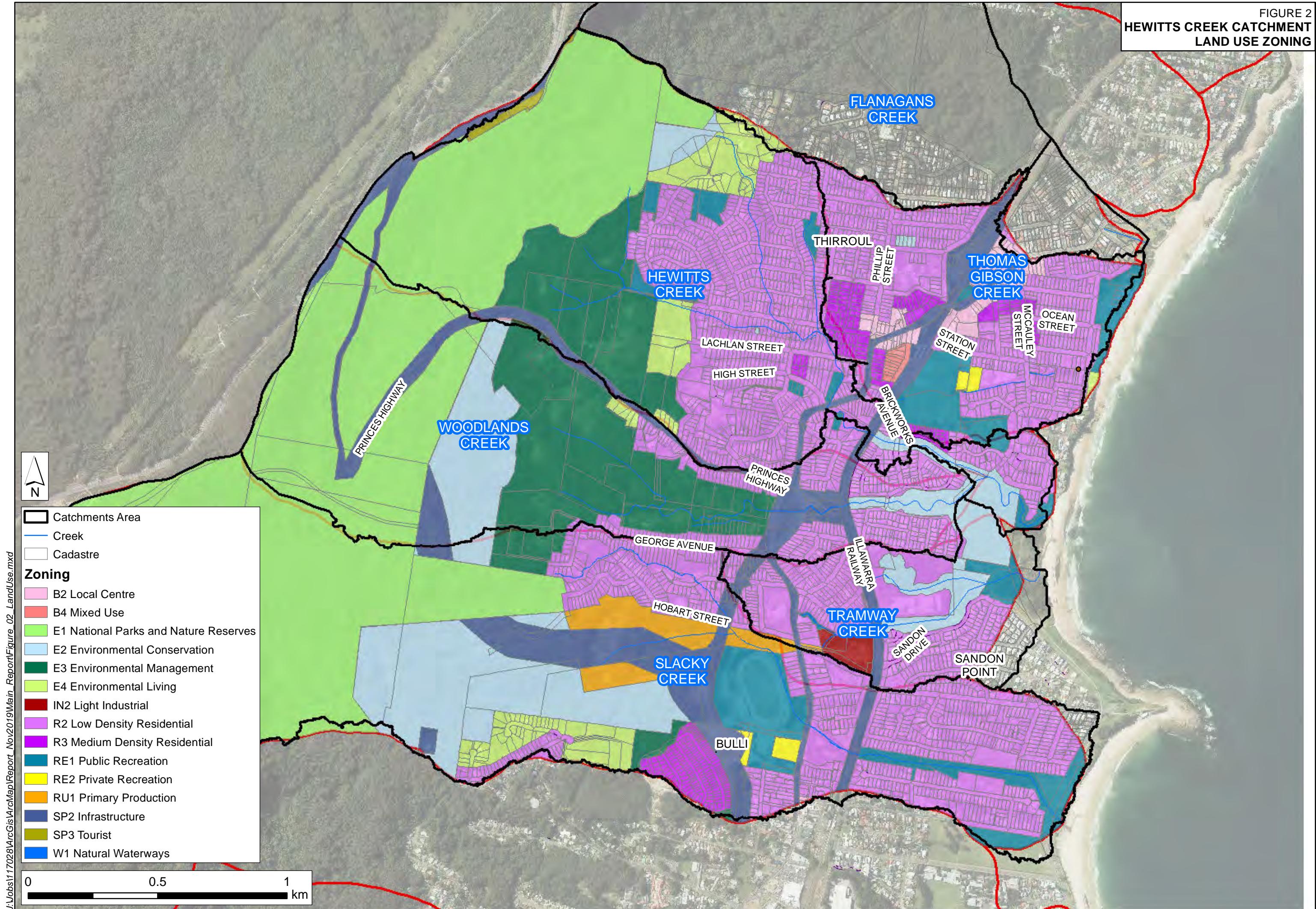


FIGURE 3  
HEWITTS CREEK CATCHMENT  
TUFLOW HYDRAULIC MODEL LAYOUT

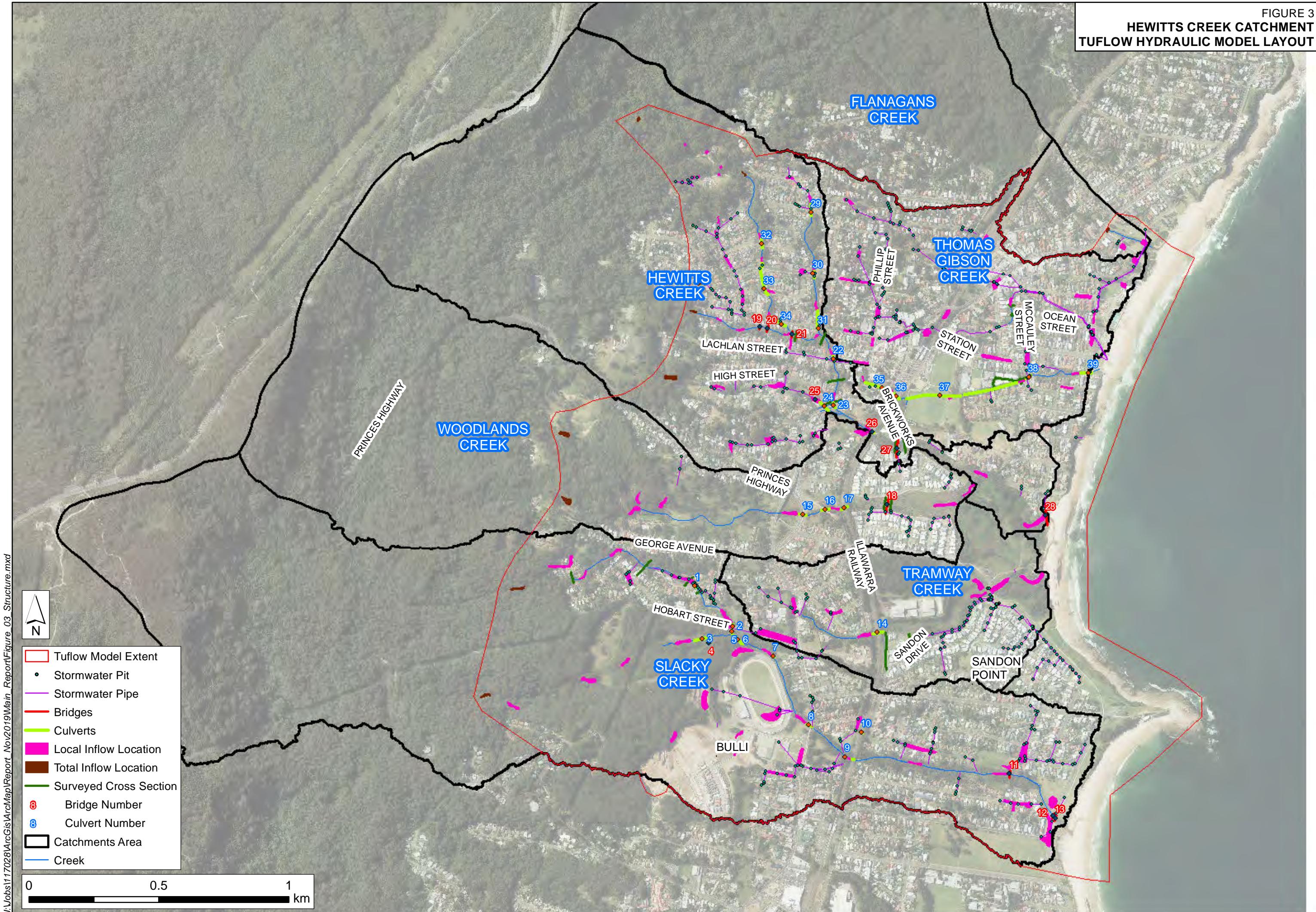


FIGURE 4  
HEWITTS CREEK CATCHMENT  
HYDRAULIC ROUGHNESS

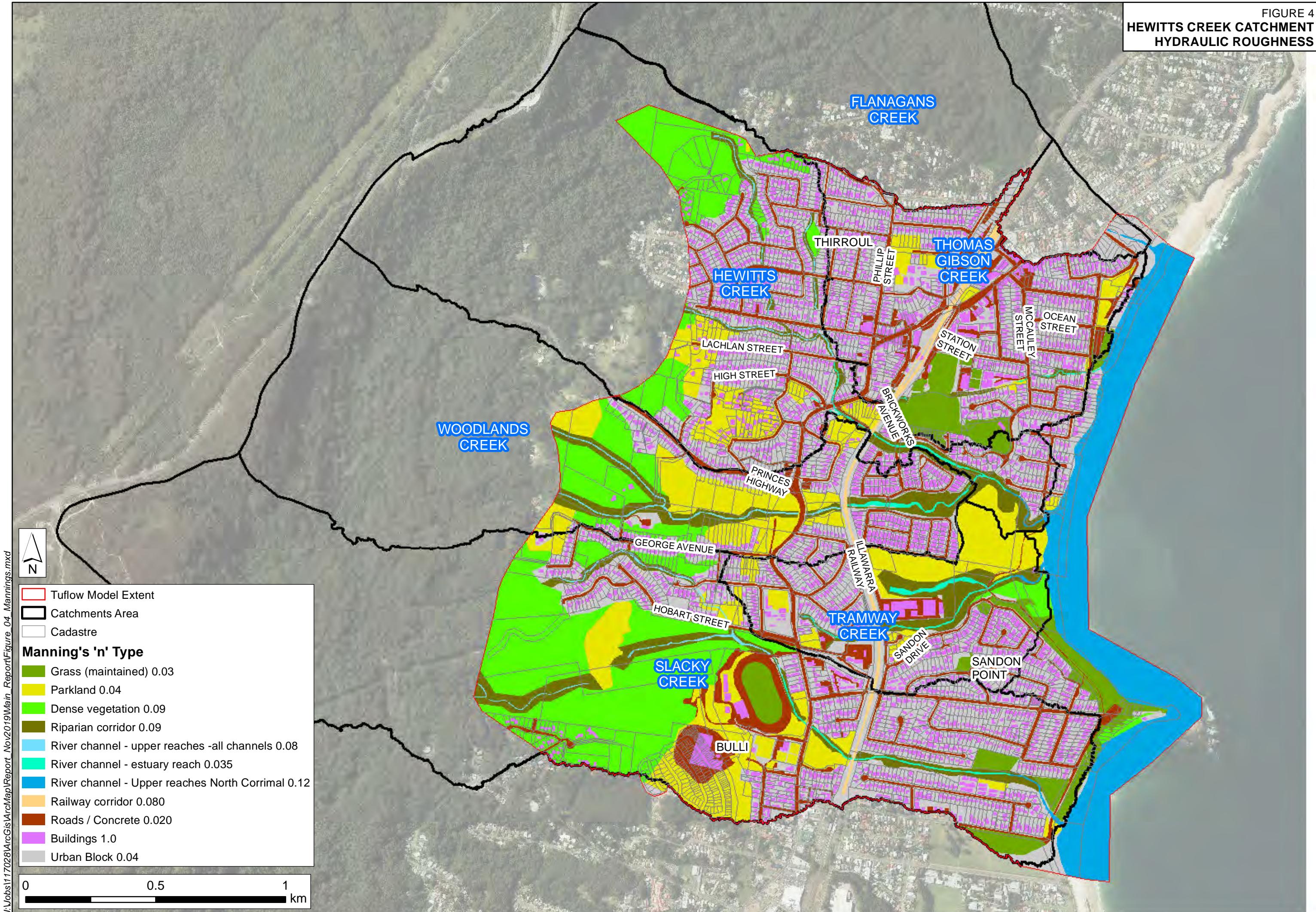


FIGURE 5

**HEWITTS CREEK CATCHMENT  
WBNM HYDROLOGIC MODEL LAYOUT**

Note:  
 Storage Area - Catchments that contain either formal or informal detention storages.  
 Flow Check Locations - Flow comparison points. Refer to Section 3.4 of Flood Study Addendum Report.

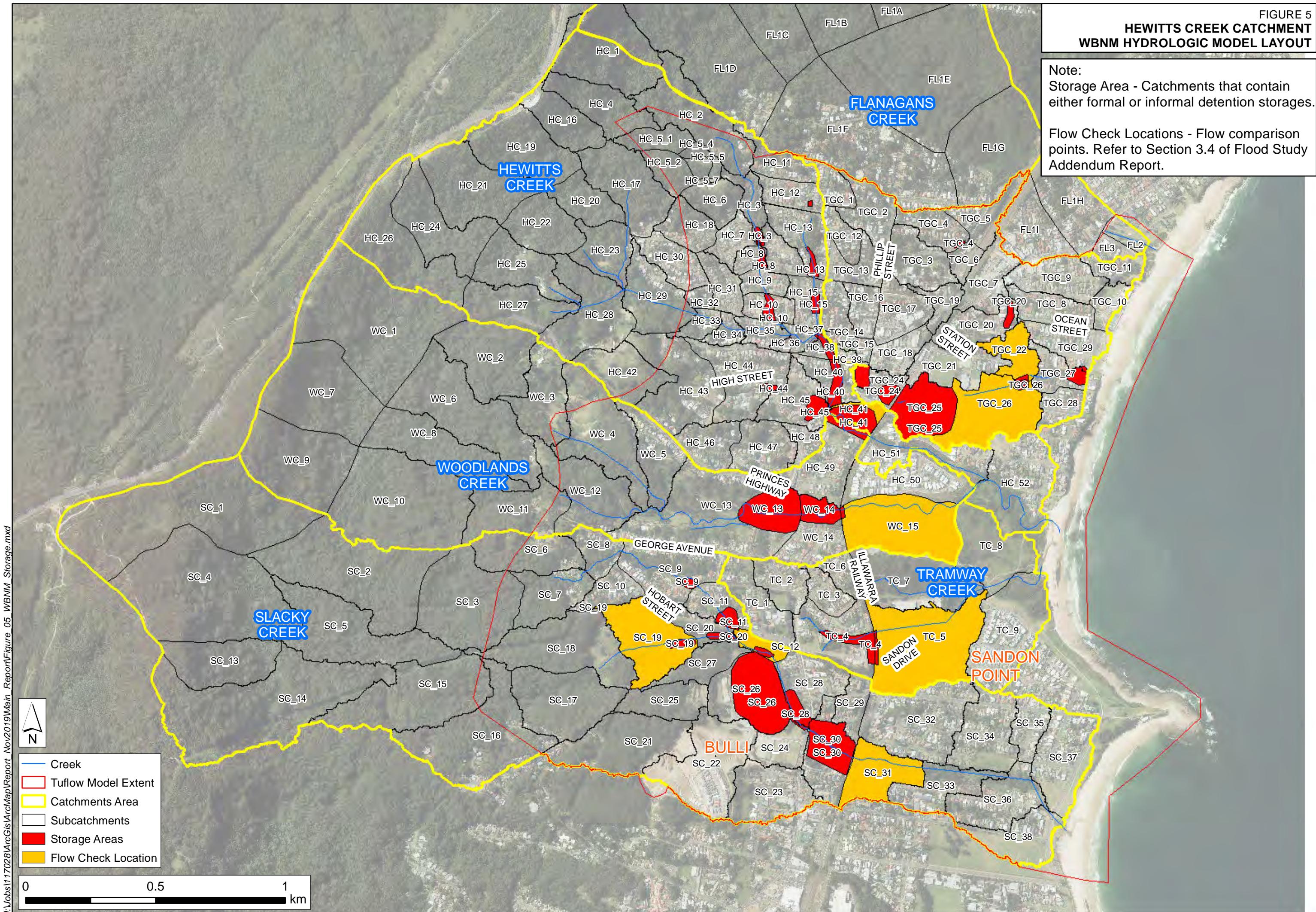


FIGURE 6  
HEWITTS CREEK CATCHMENT  
TUFLOW DTM COMPARISON  
2005 TO 2013 LiDAR

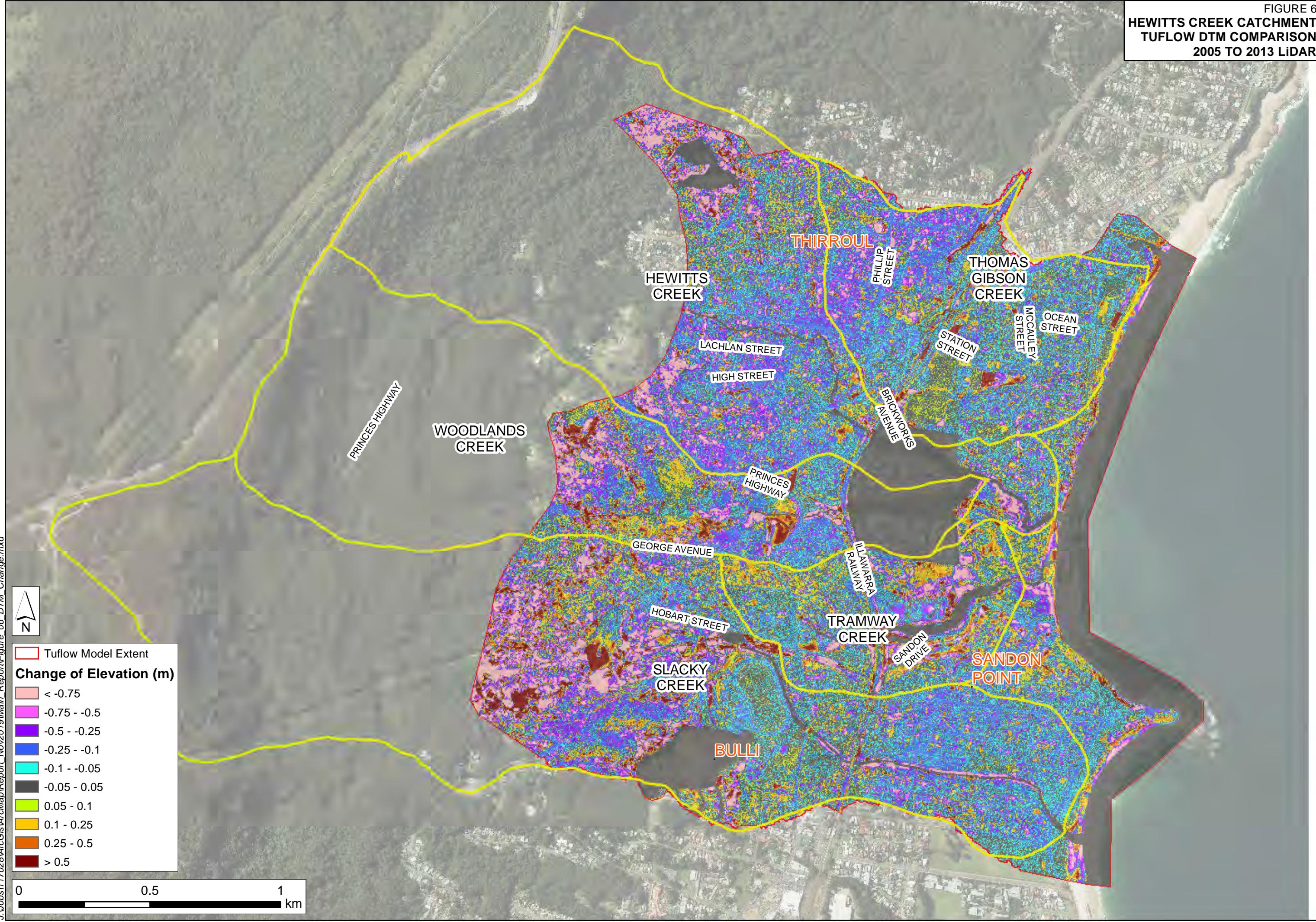
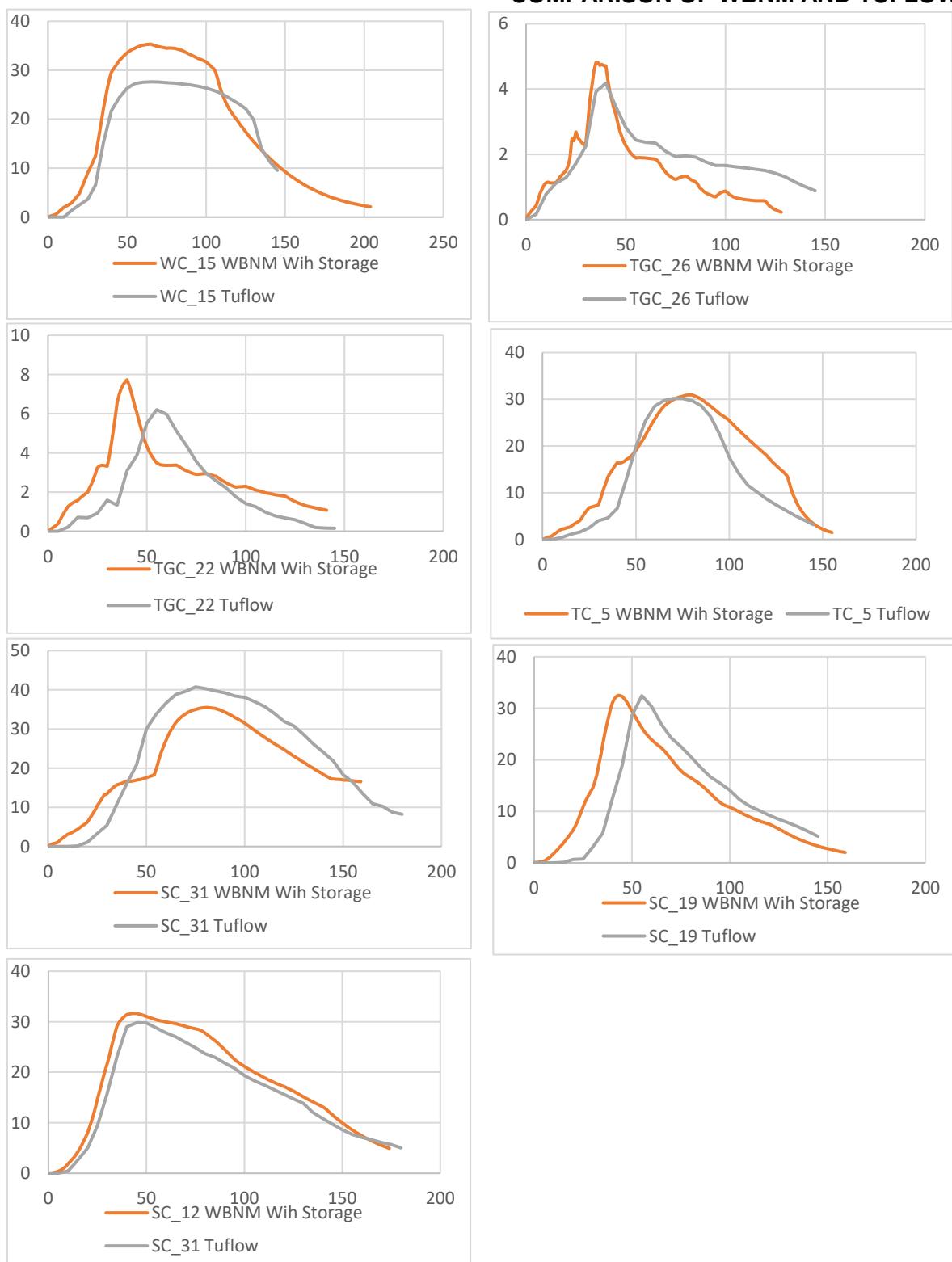


FIGURE 7  
HEWITTS CREEK CATCHMENT  
COMPARISON OF WBNM AND TUFLOW





Map Set B

FIGURE B1A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

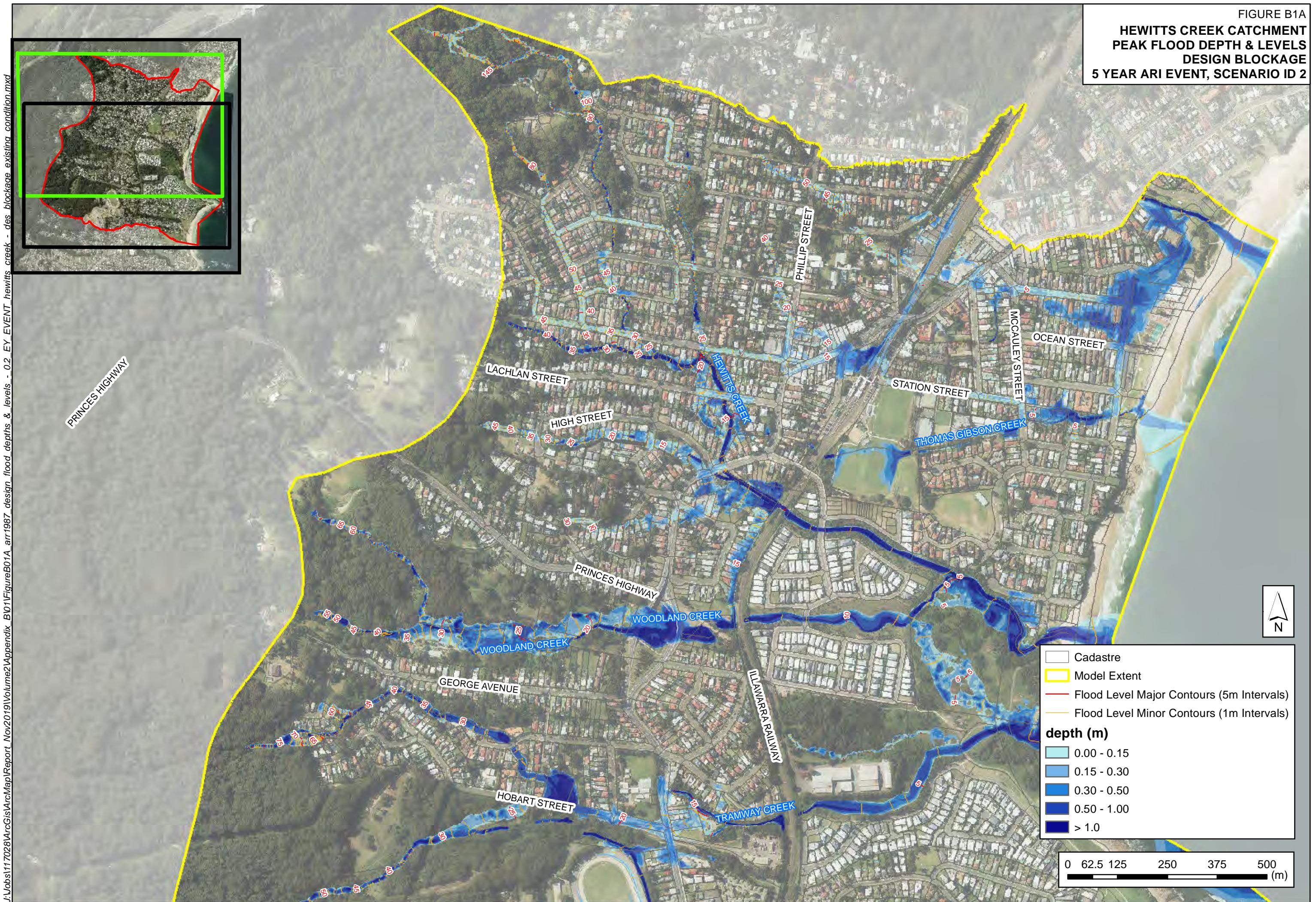


FIGURE B1B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

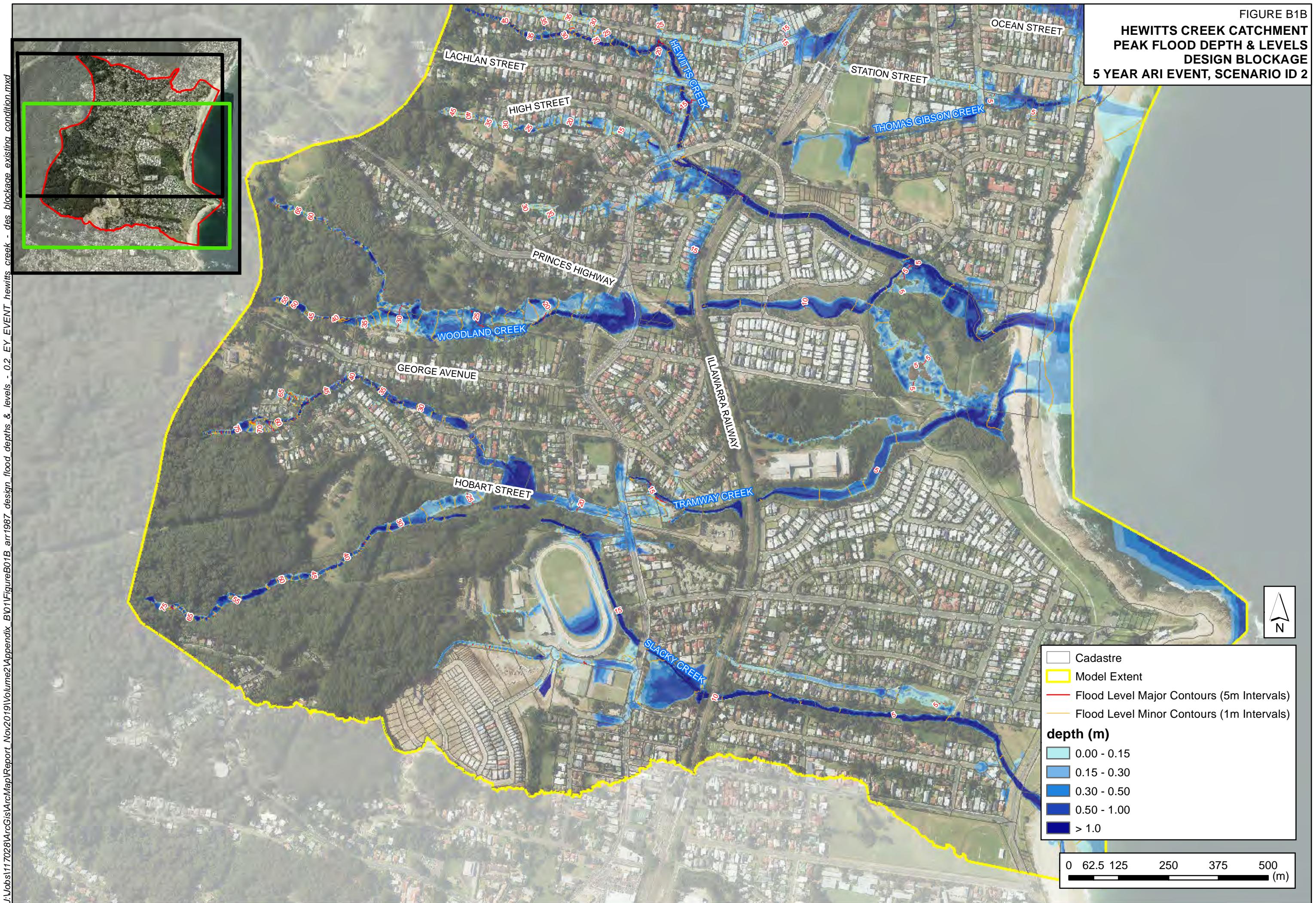


FIGURE B2A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

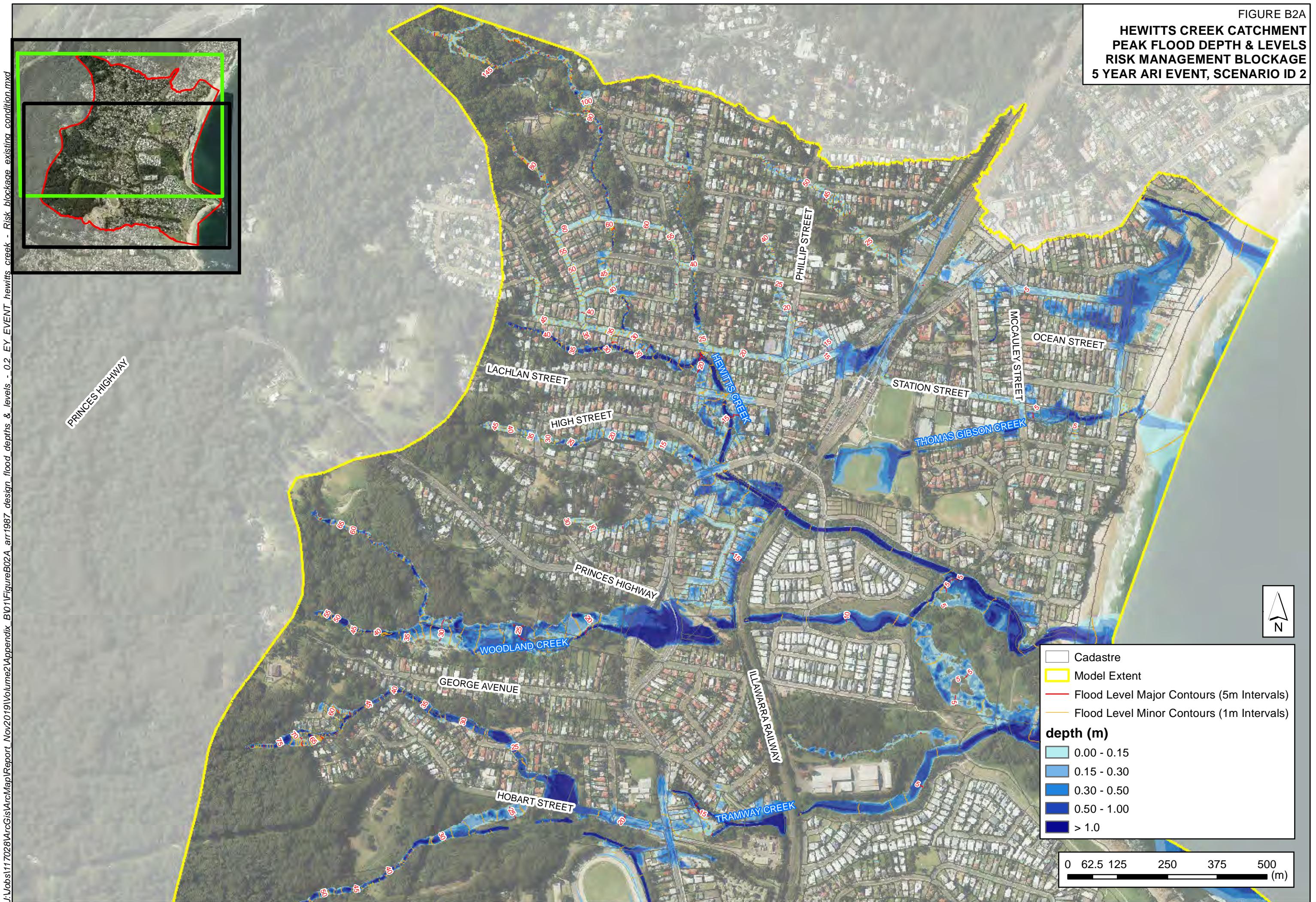


FIGURE B2B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

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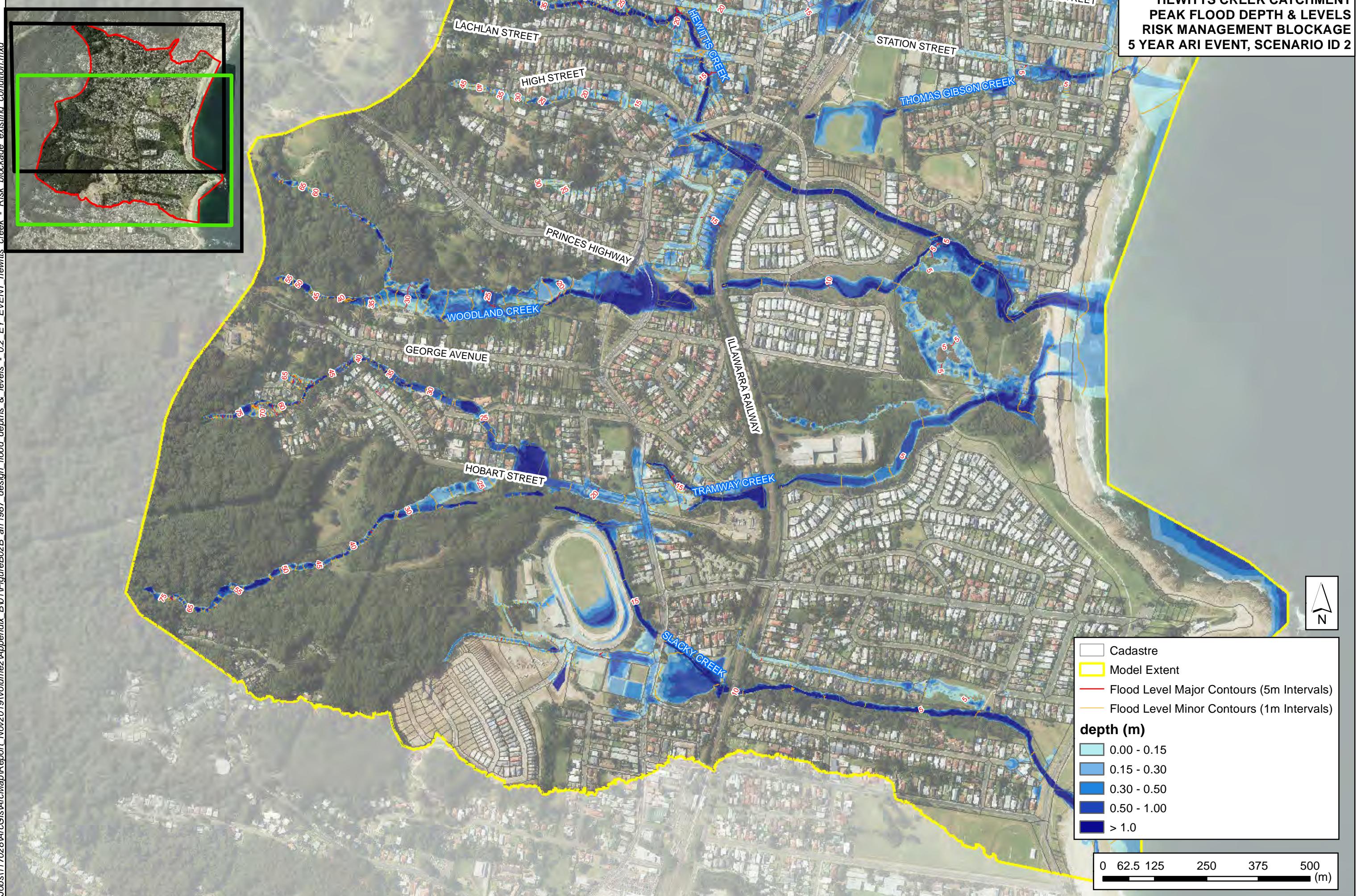


FIGURE B3A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

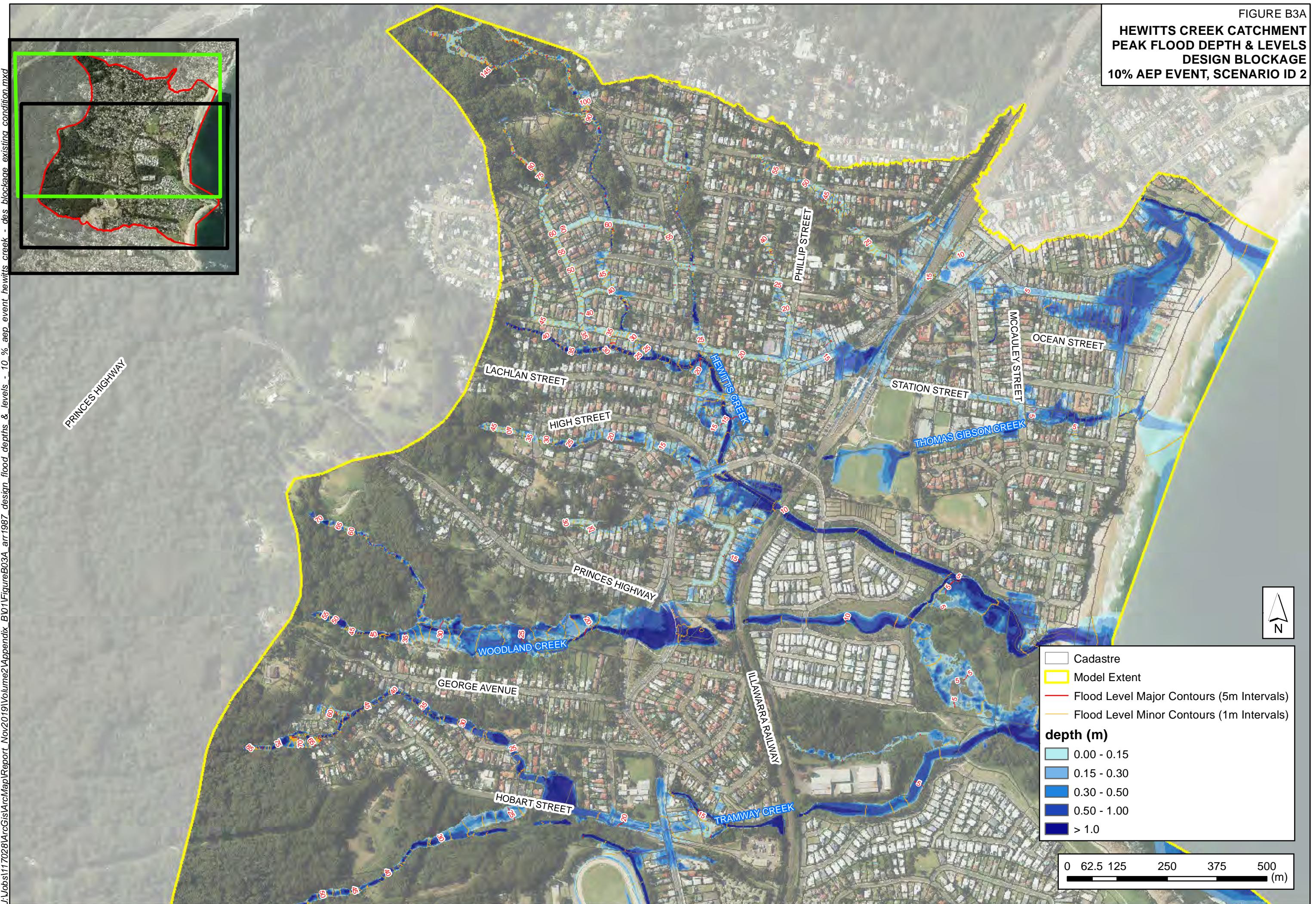


FIGURE B3B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

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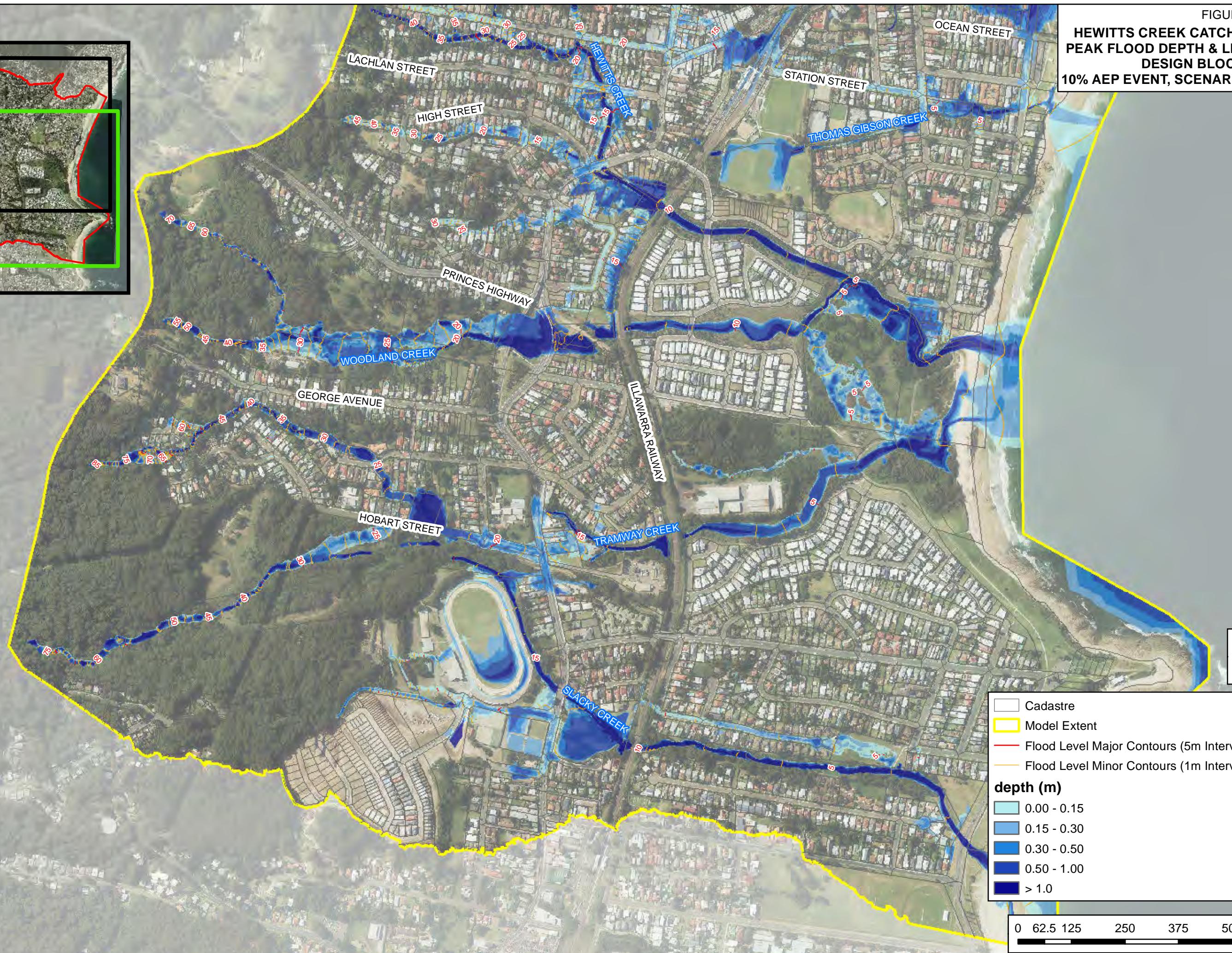


FIGURE B4A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

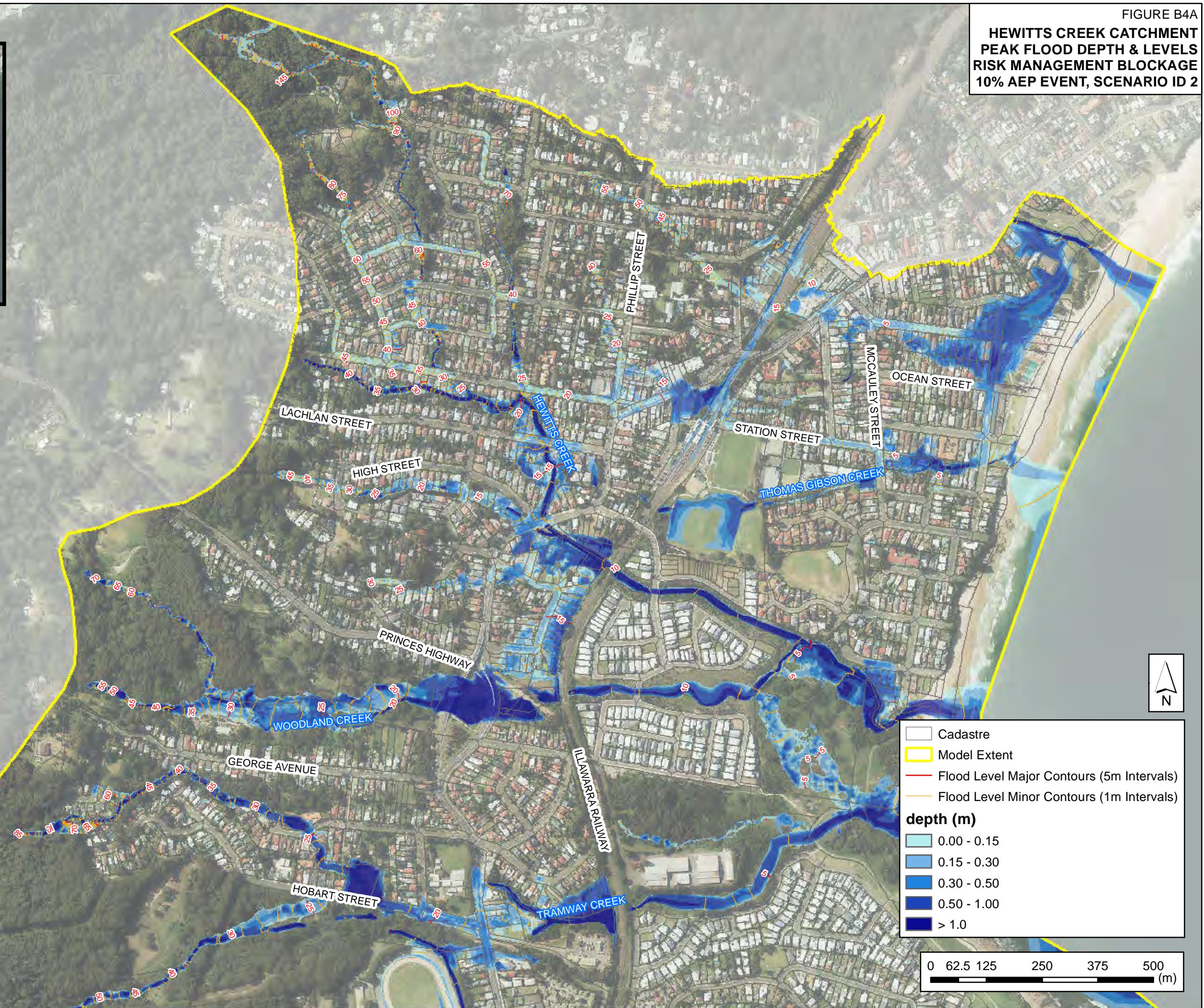


FIGURE B4B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

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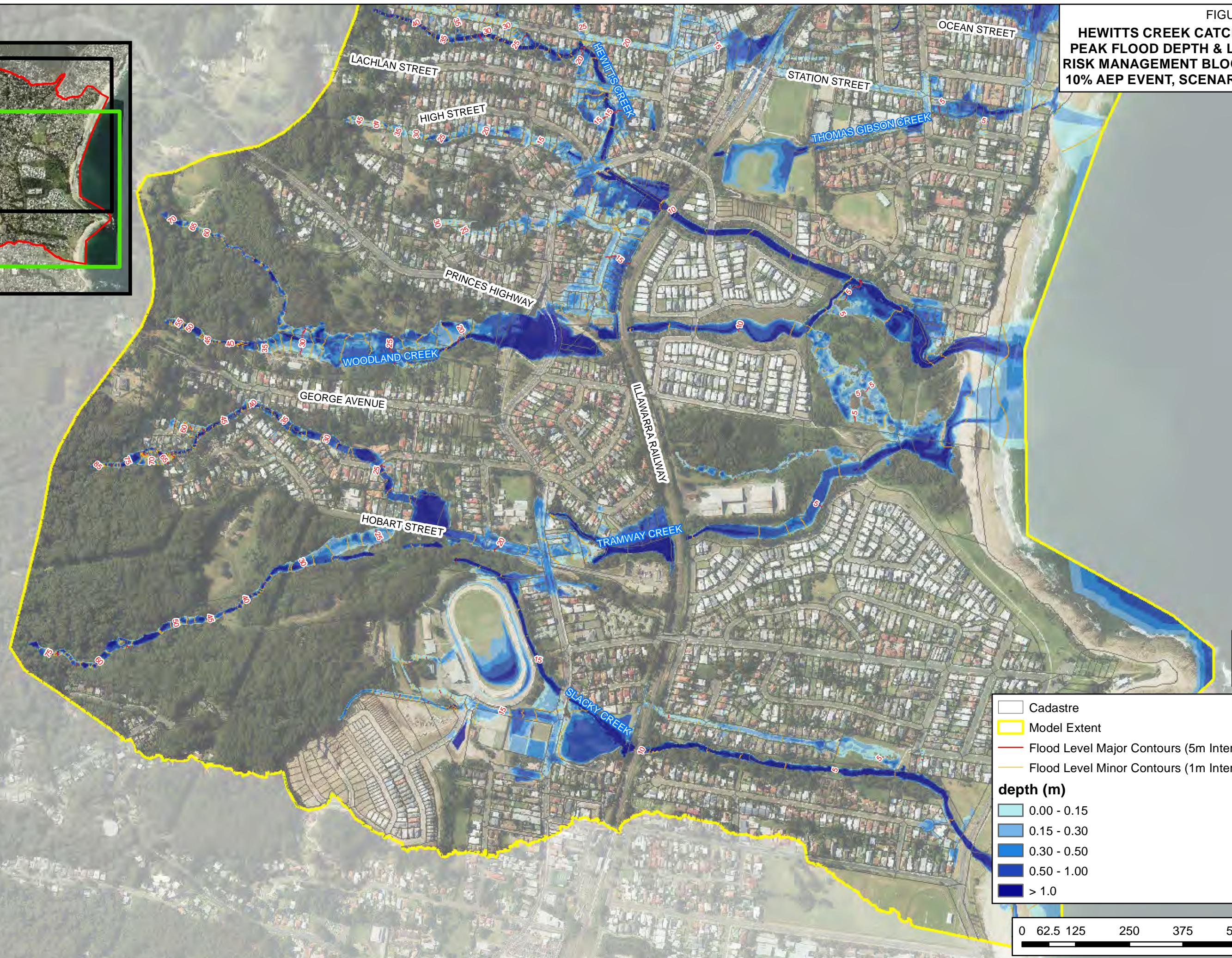


FIGURE B5A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2**

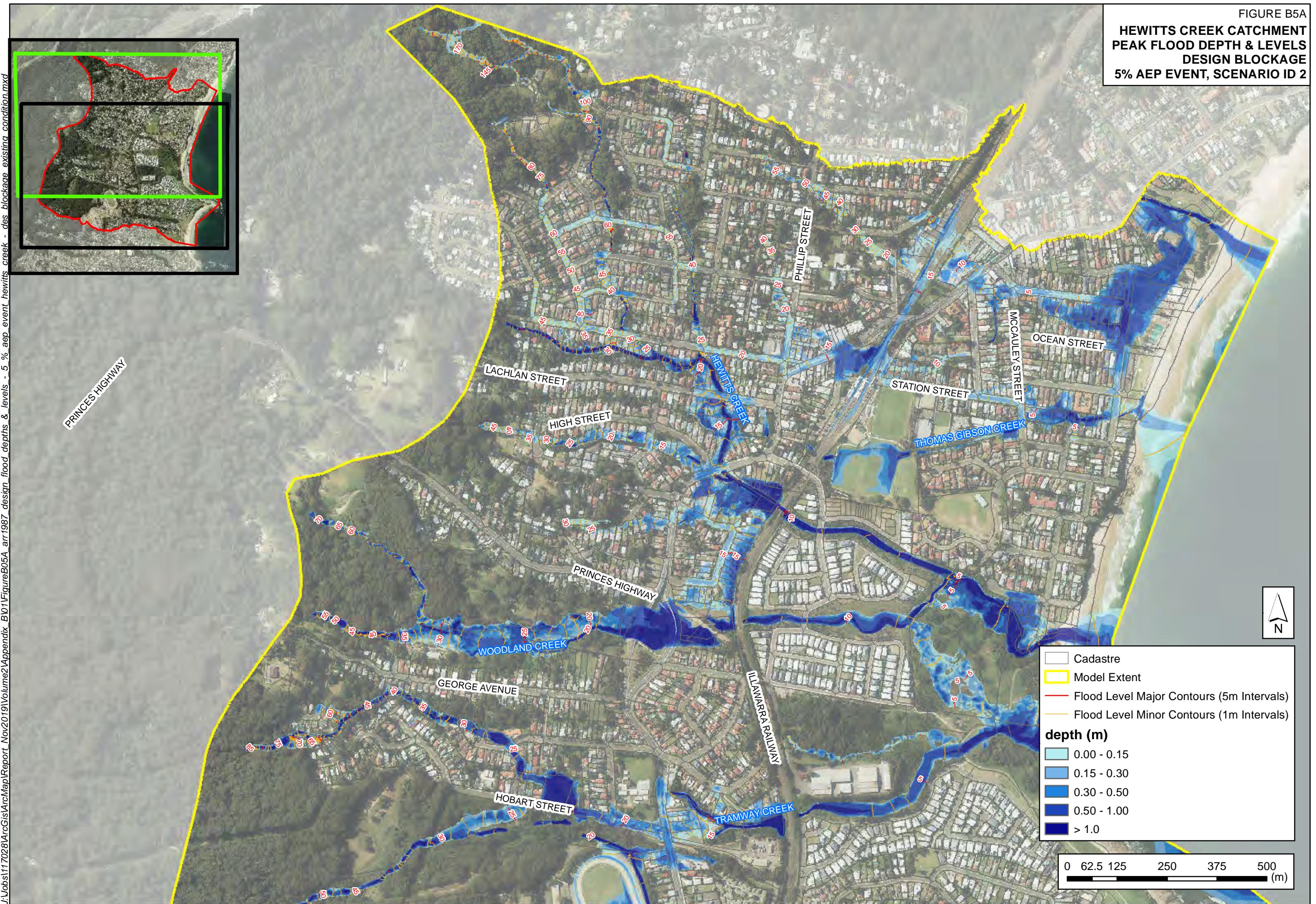


FIGURE B5B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2**

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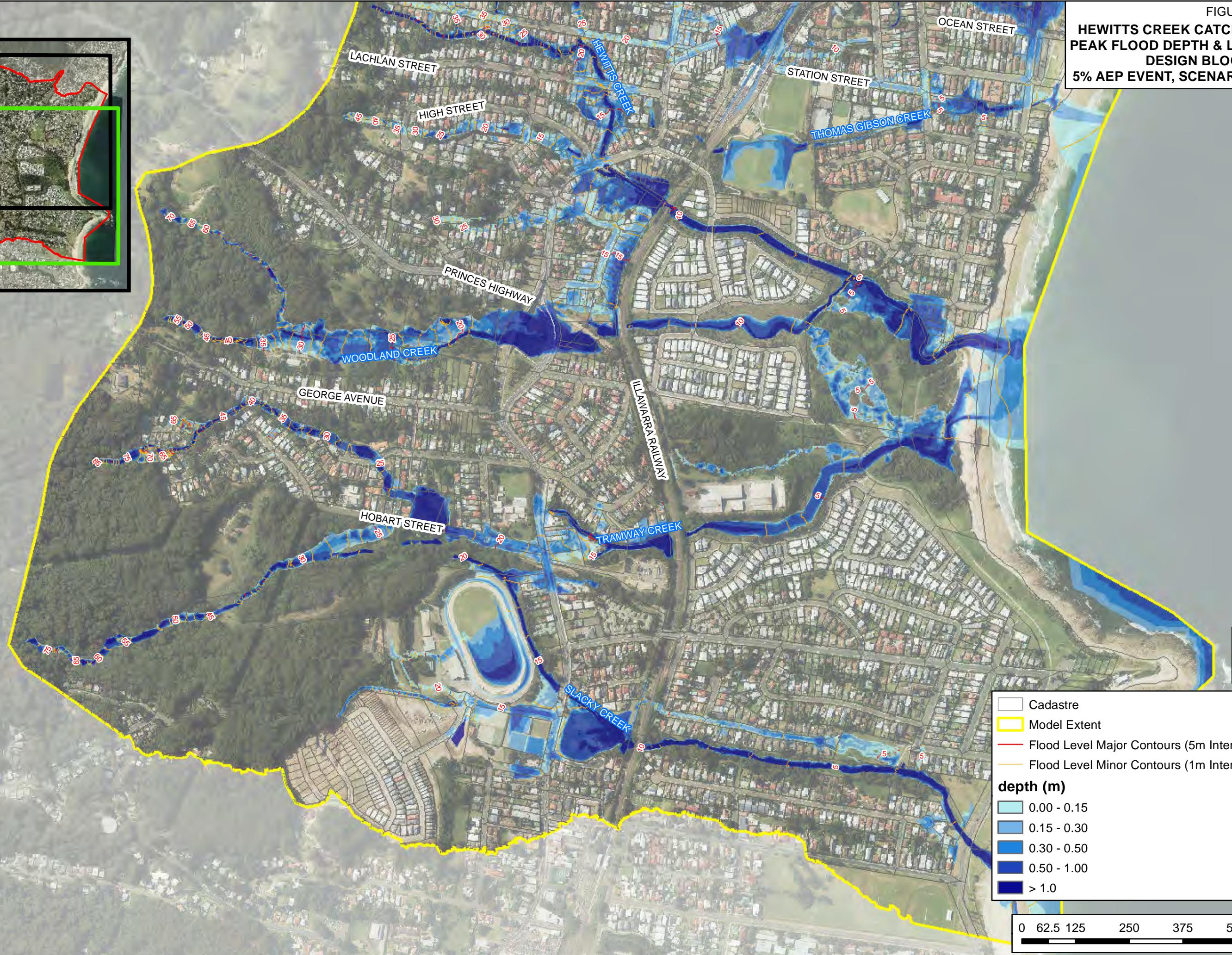


FIGURE B6A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2**

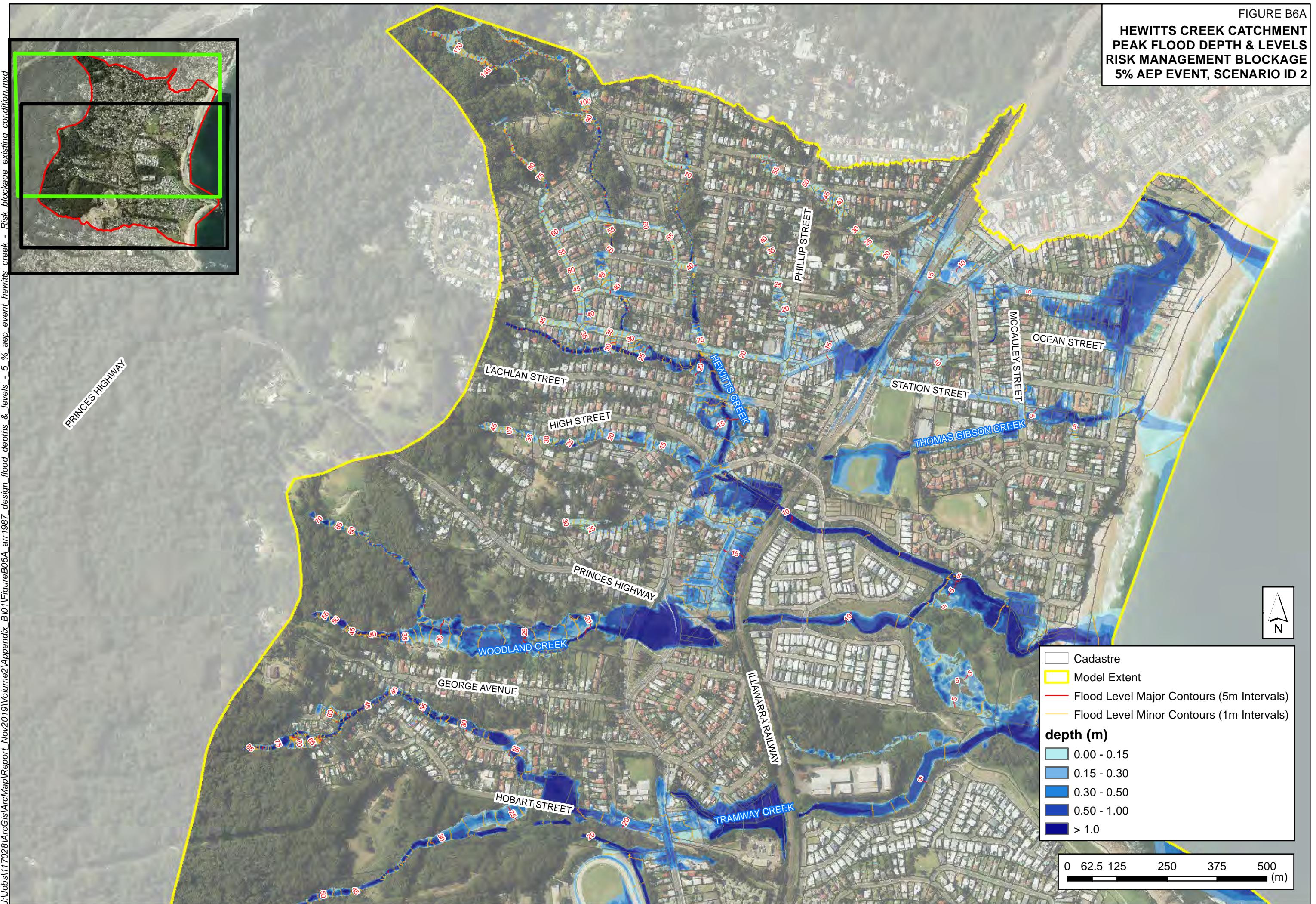


FIGURE B6B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2**

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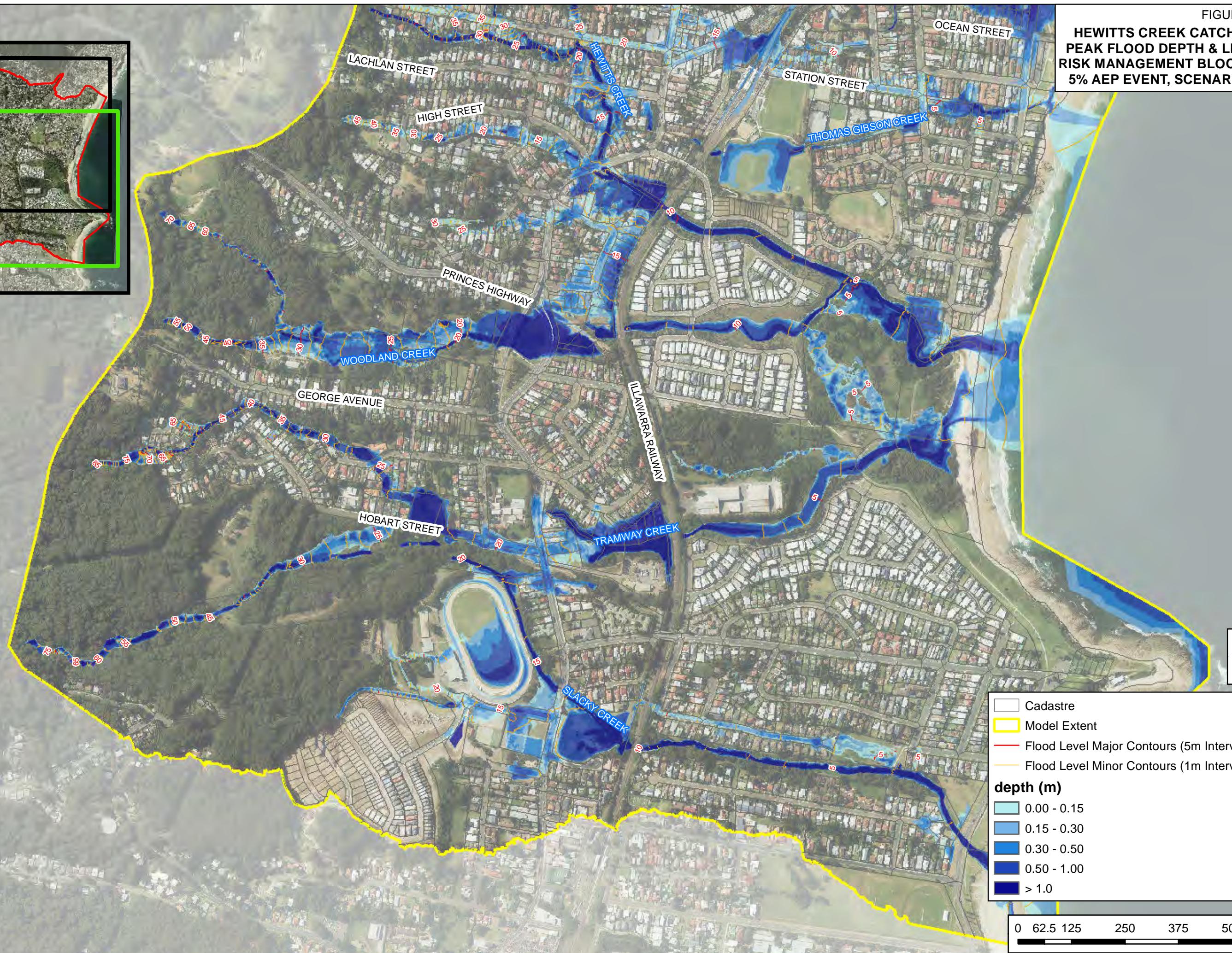


FIGURE B7A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2**

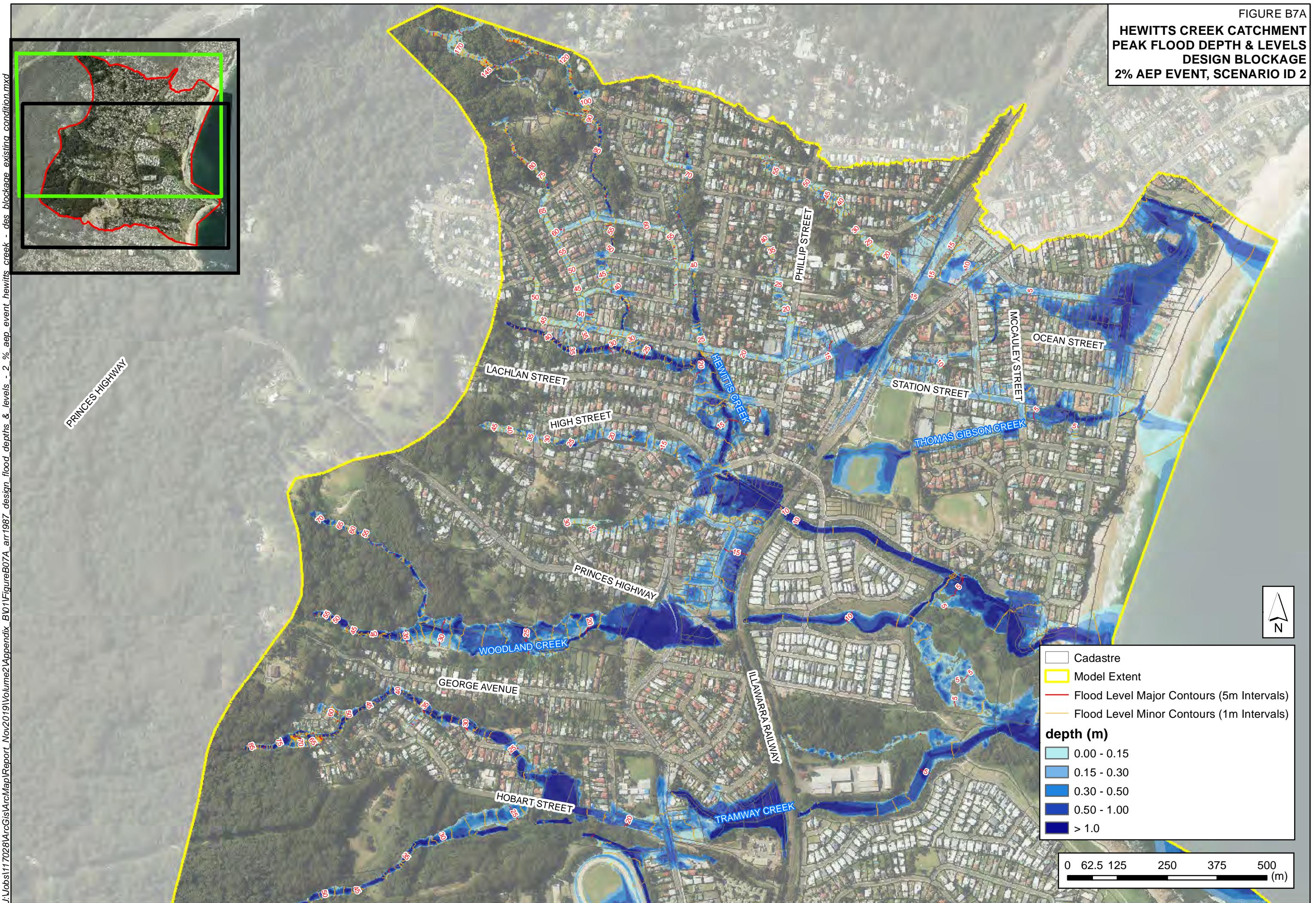


FIGURE B7B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2**

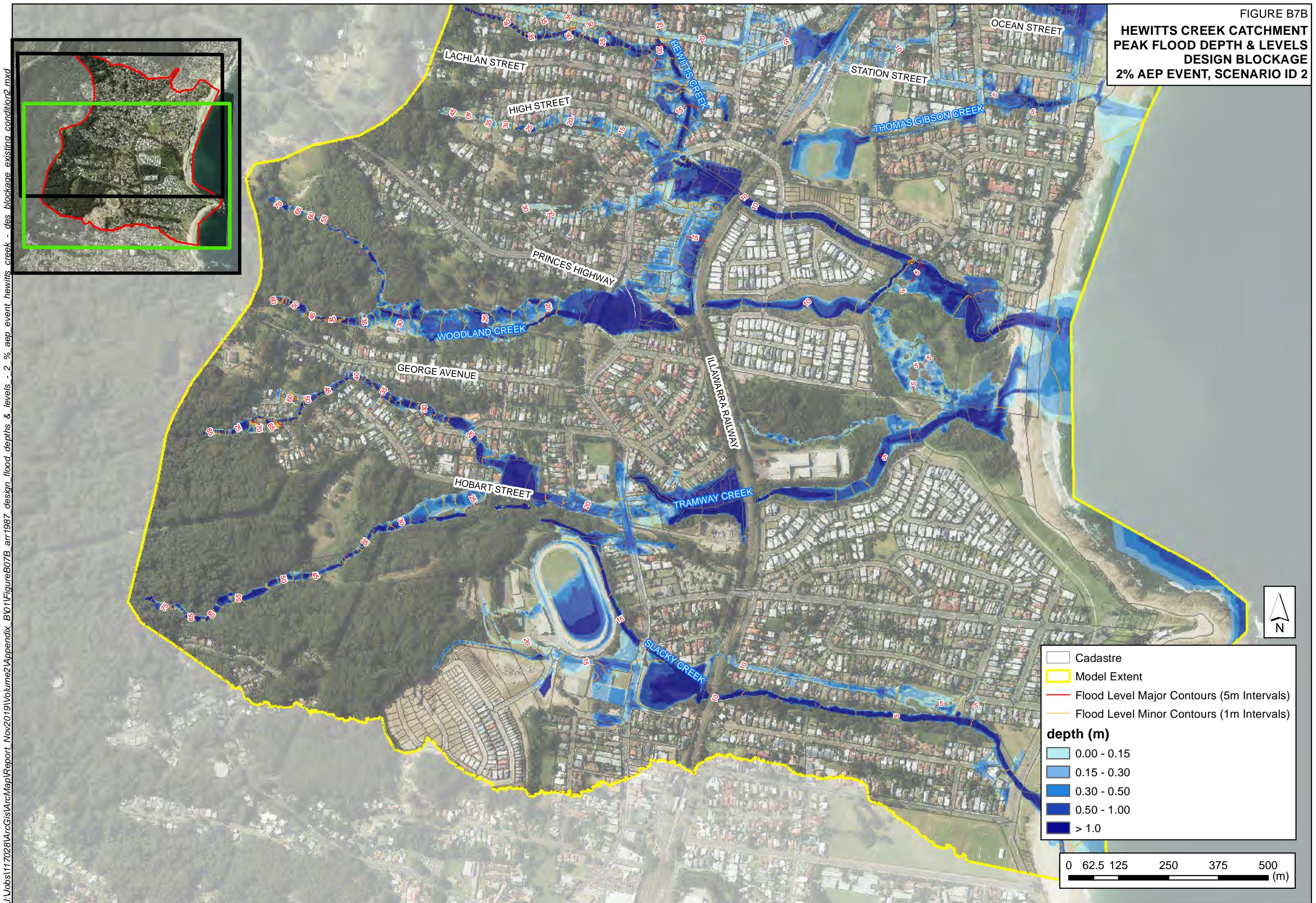


FIGURE B8A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2**

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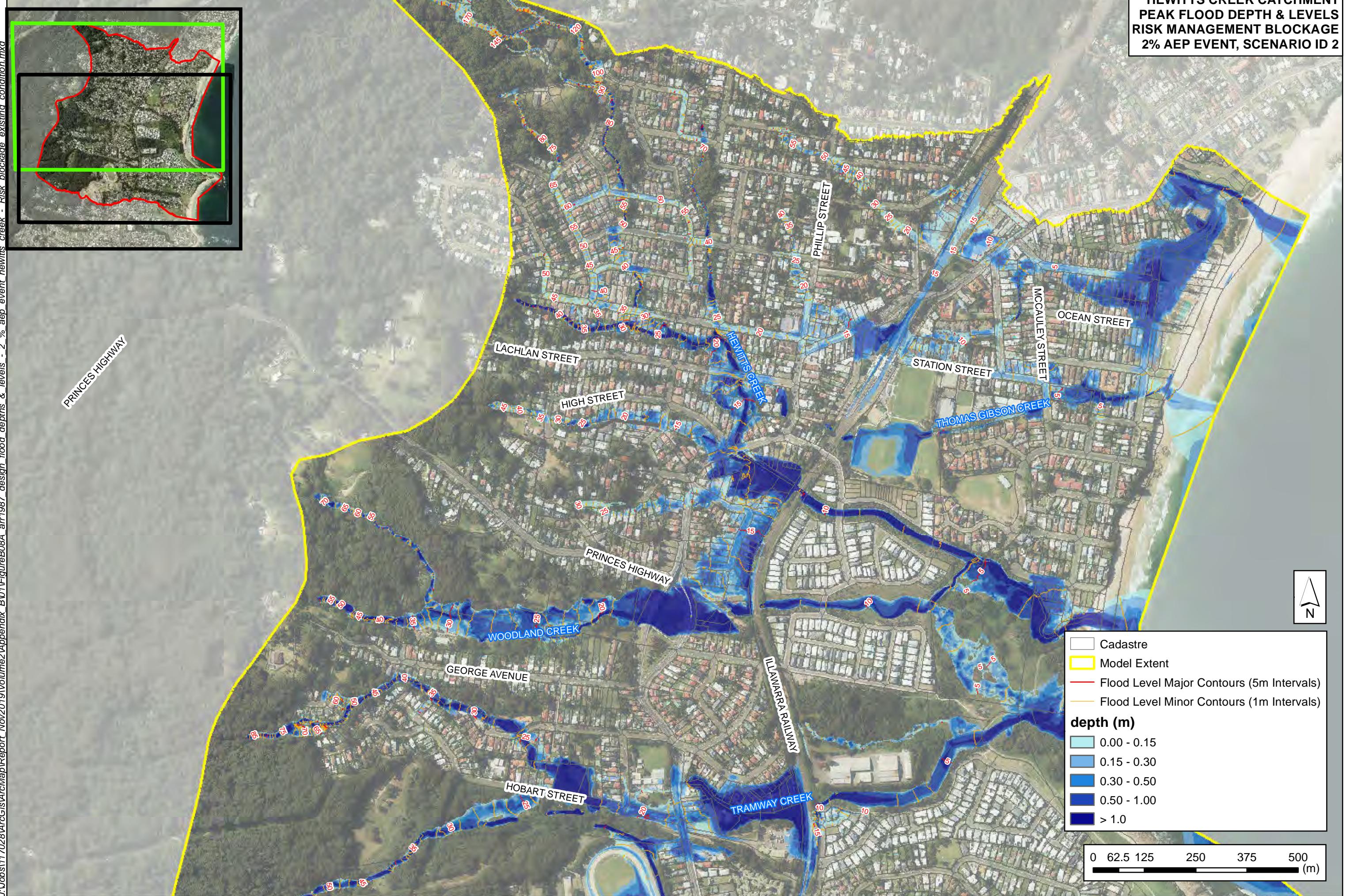


FIGURE B8B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2**

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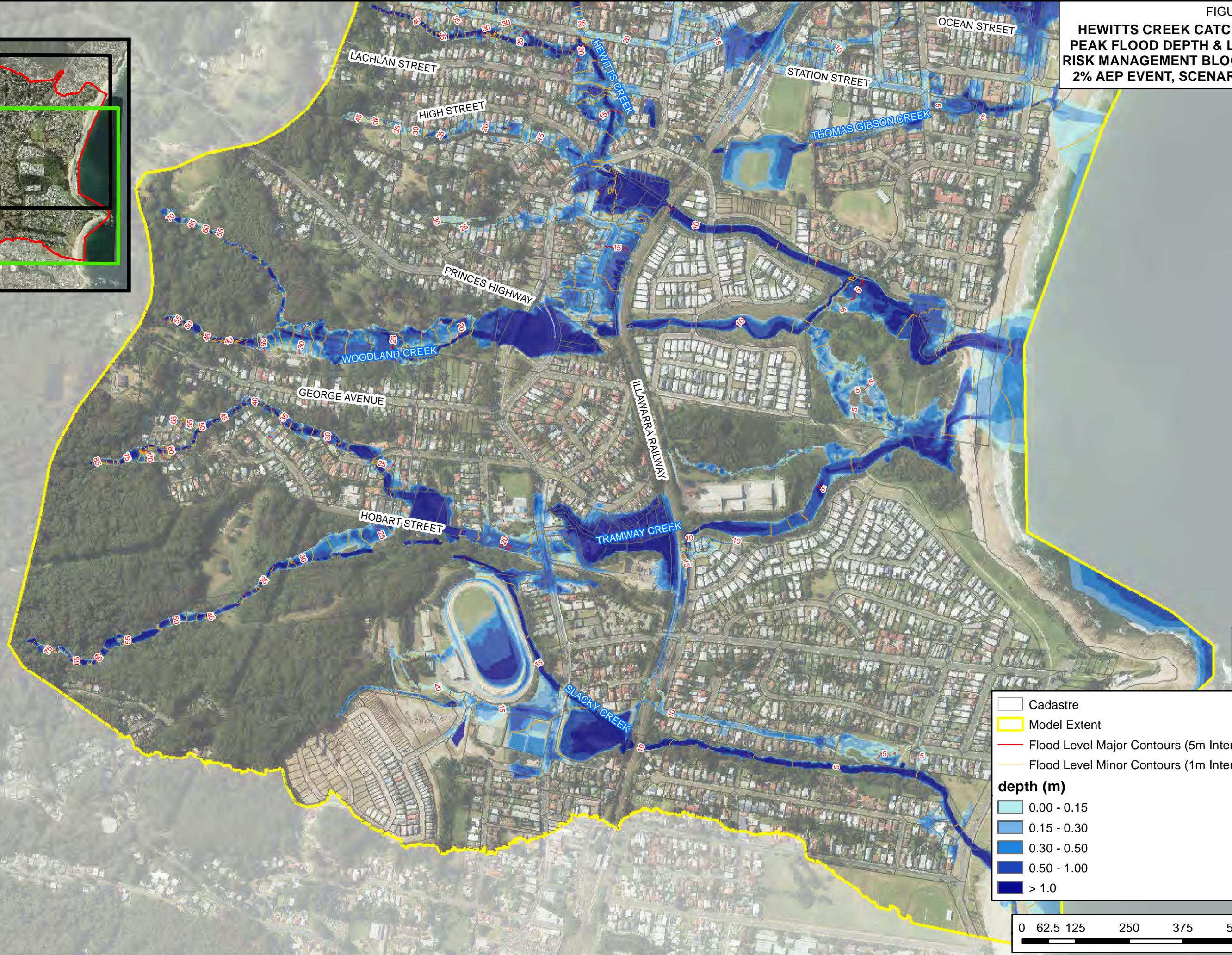


FIGURE B9A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

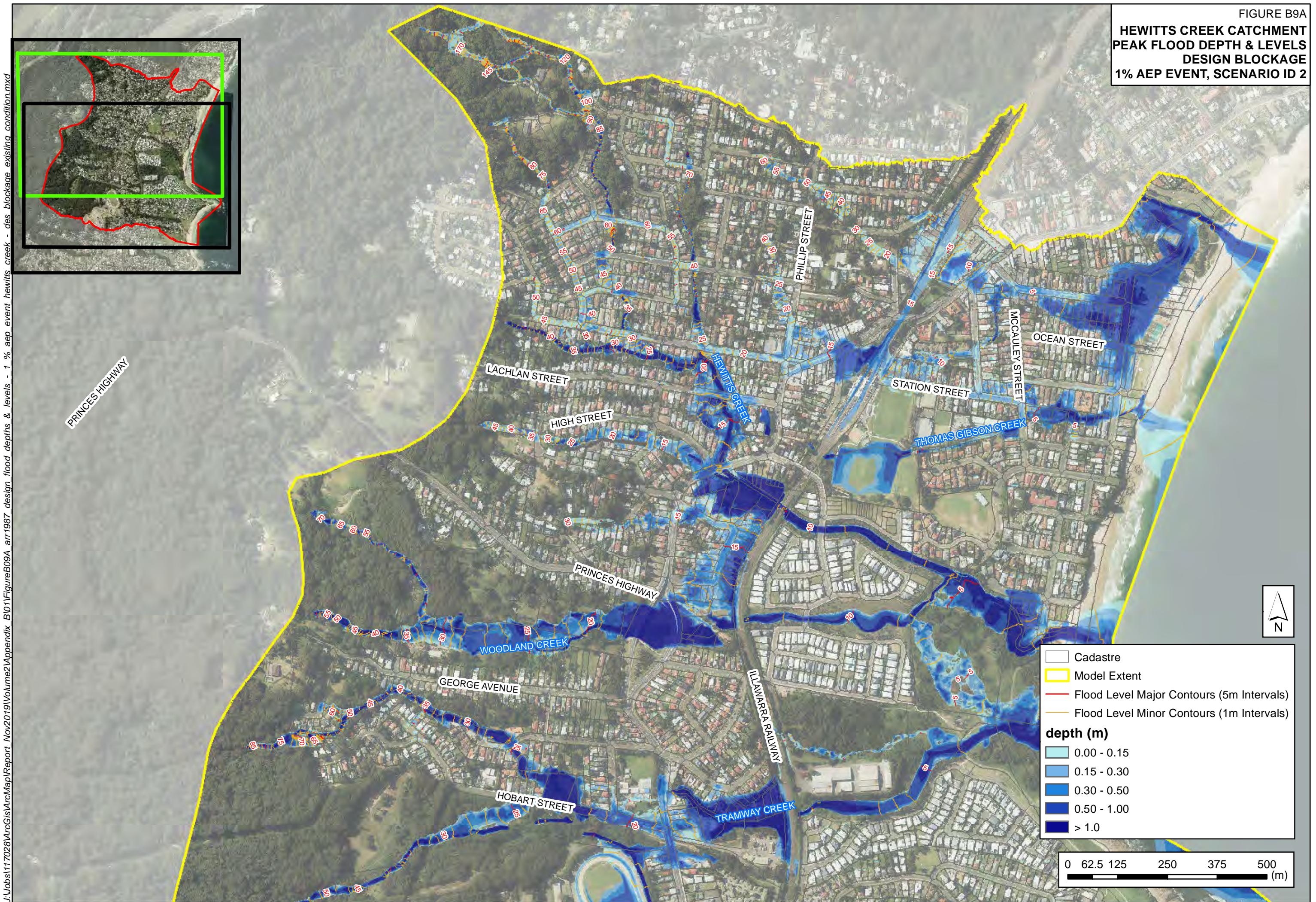


FIGURE B9B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

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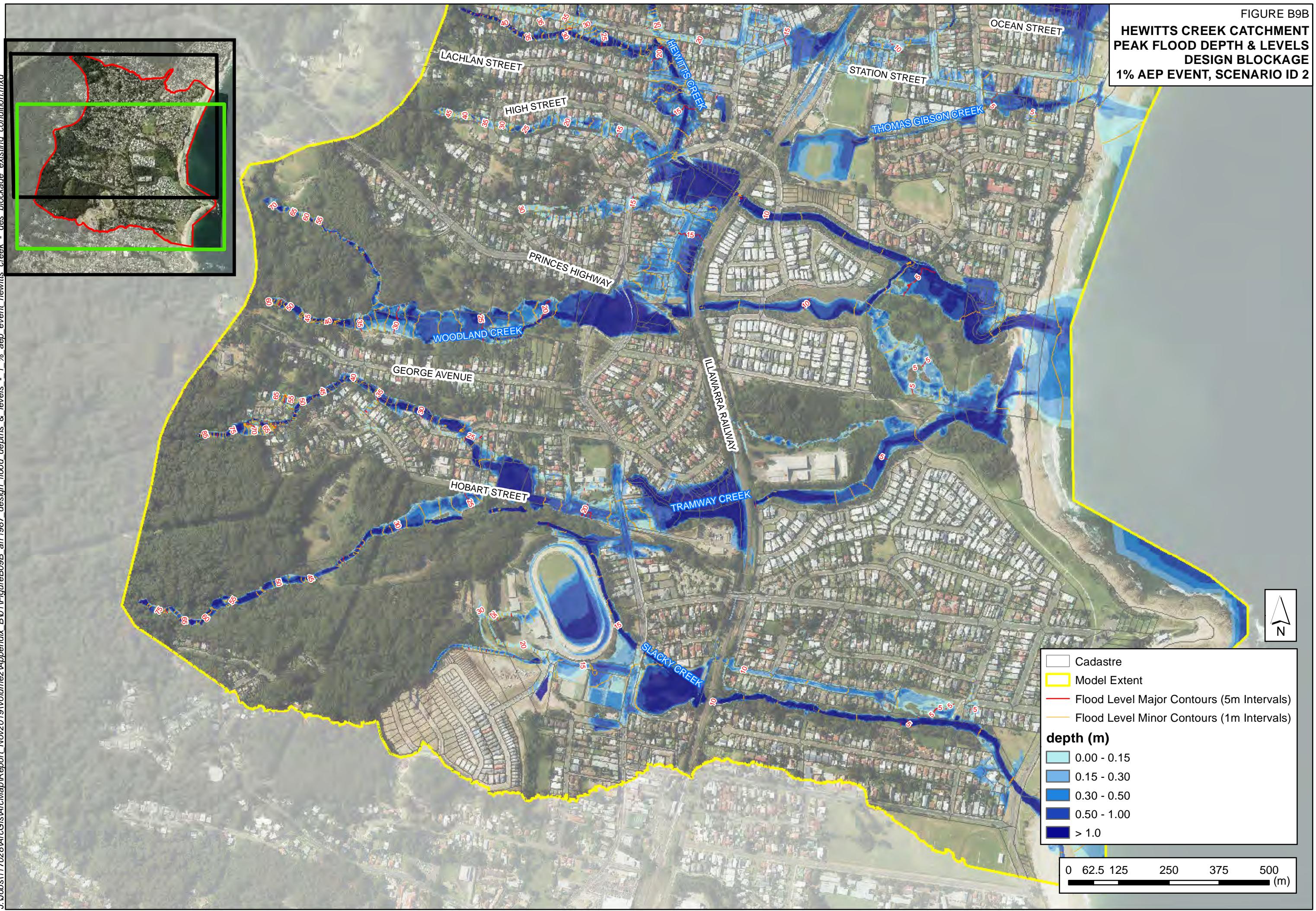


FIGURE B10A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

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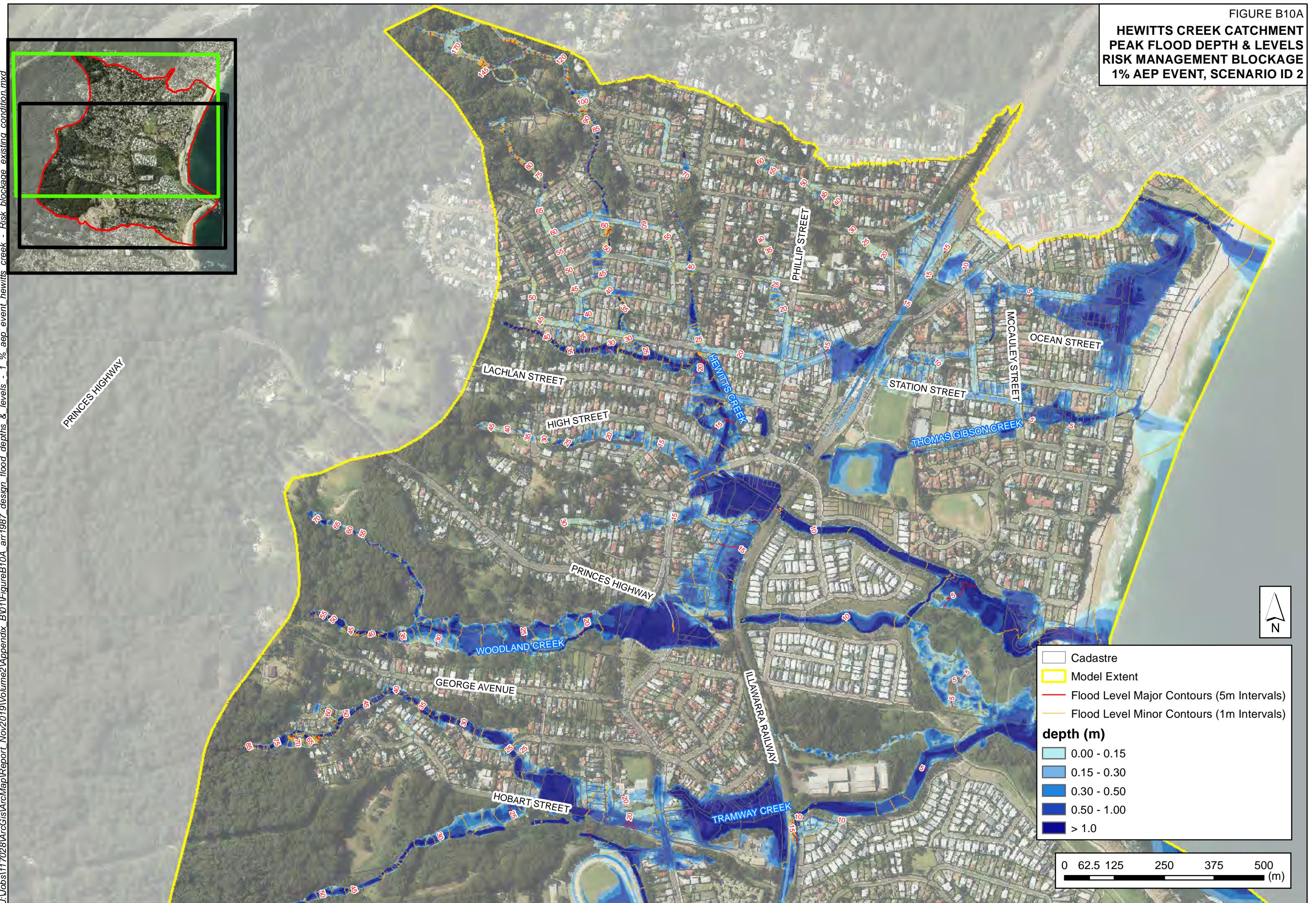


FIGURE B10B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

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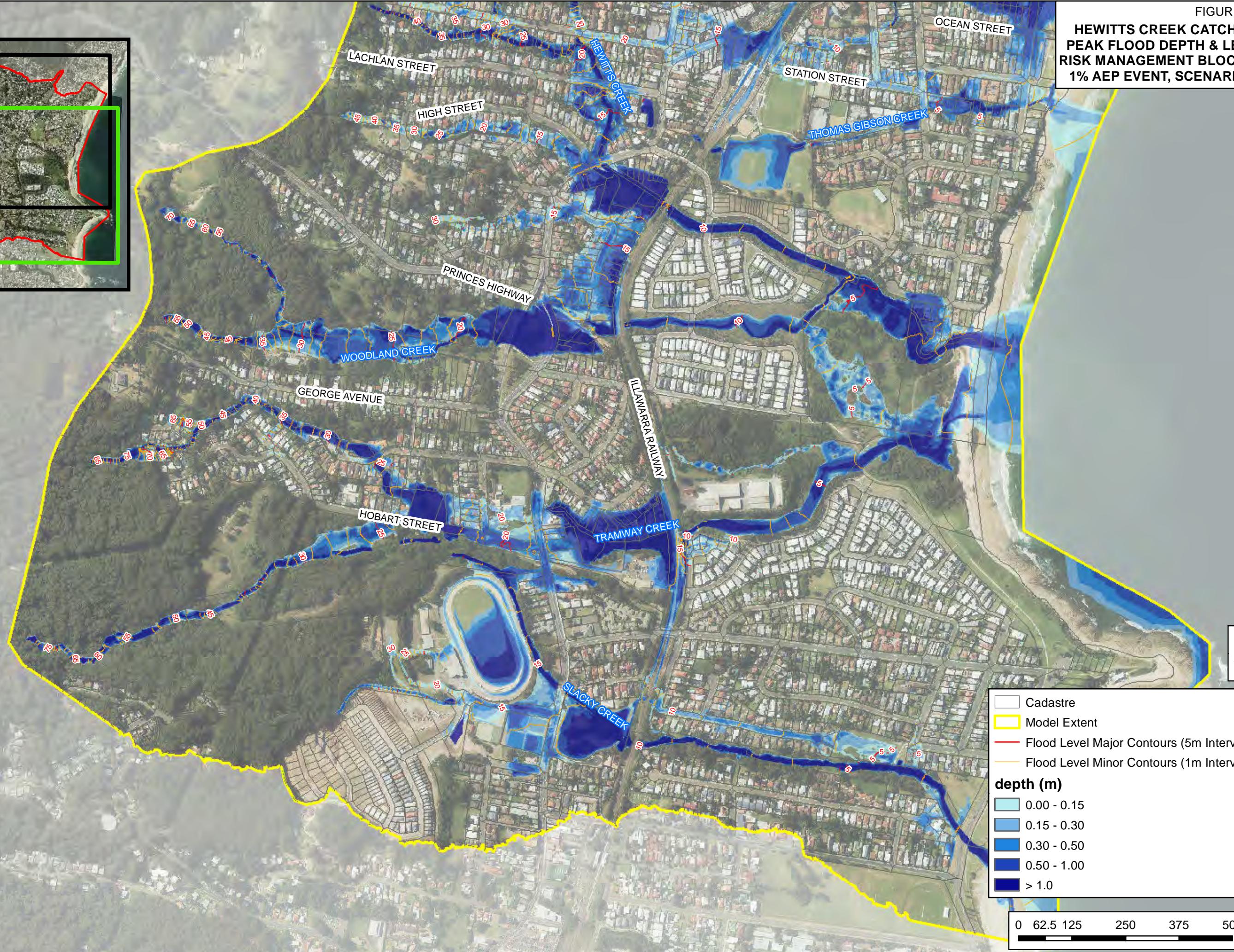


FIGURE B11A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2**

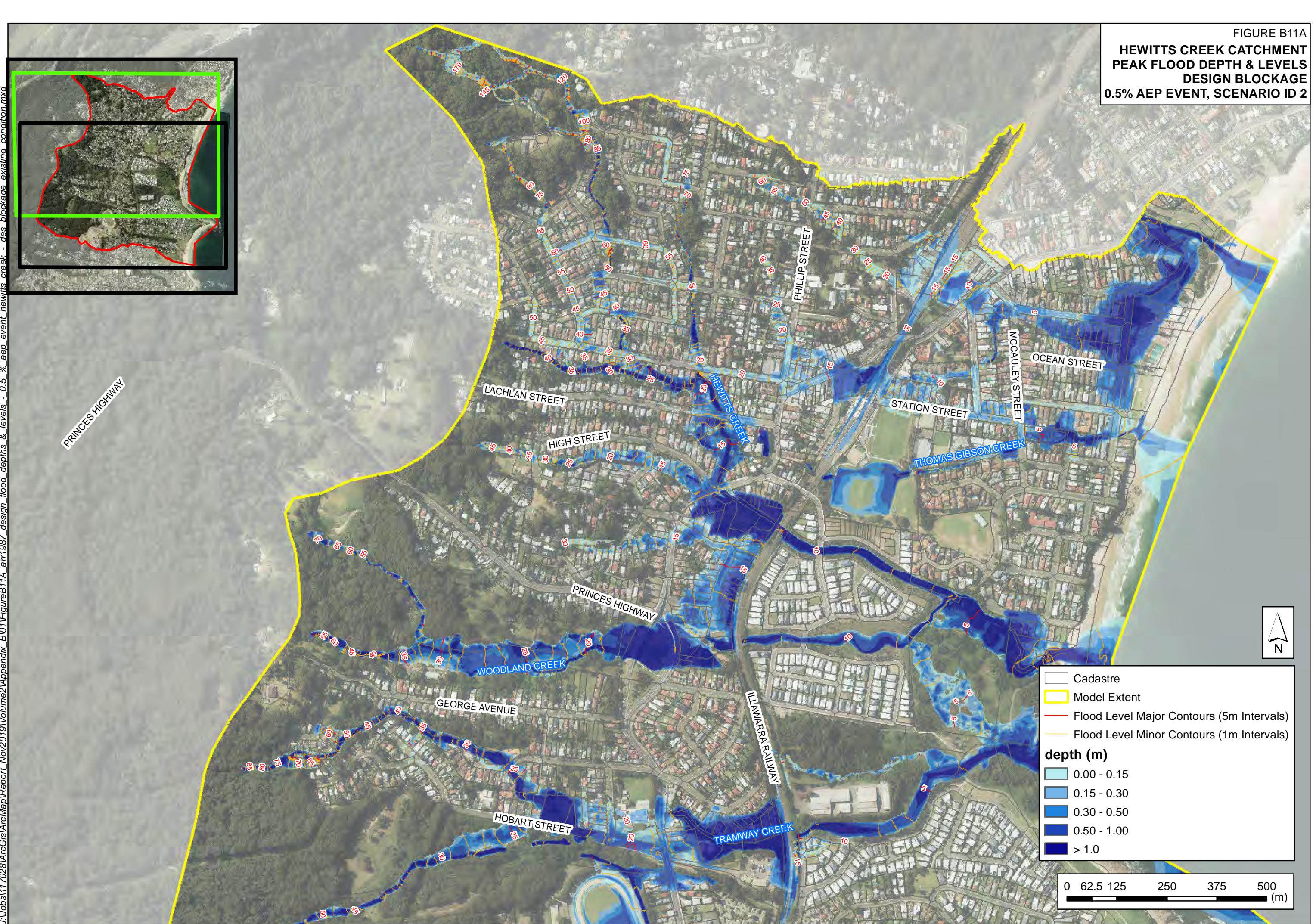


FIGURE B11B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2**

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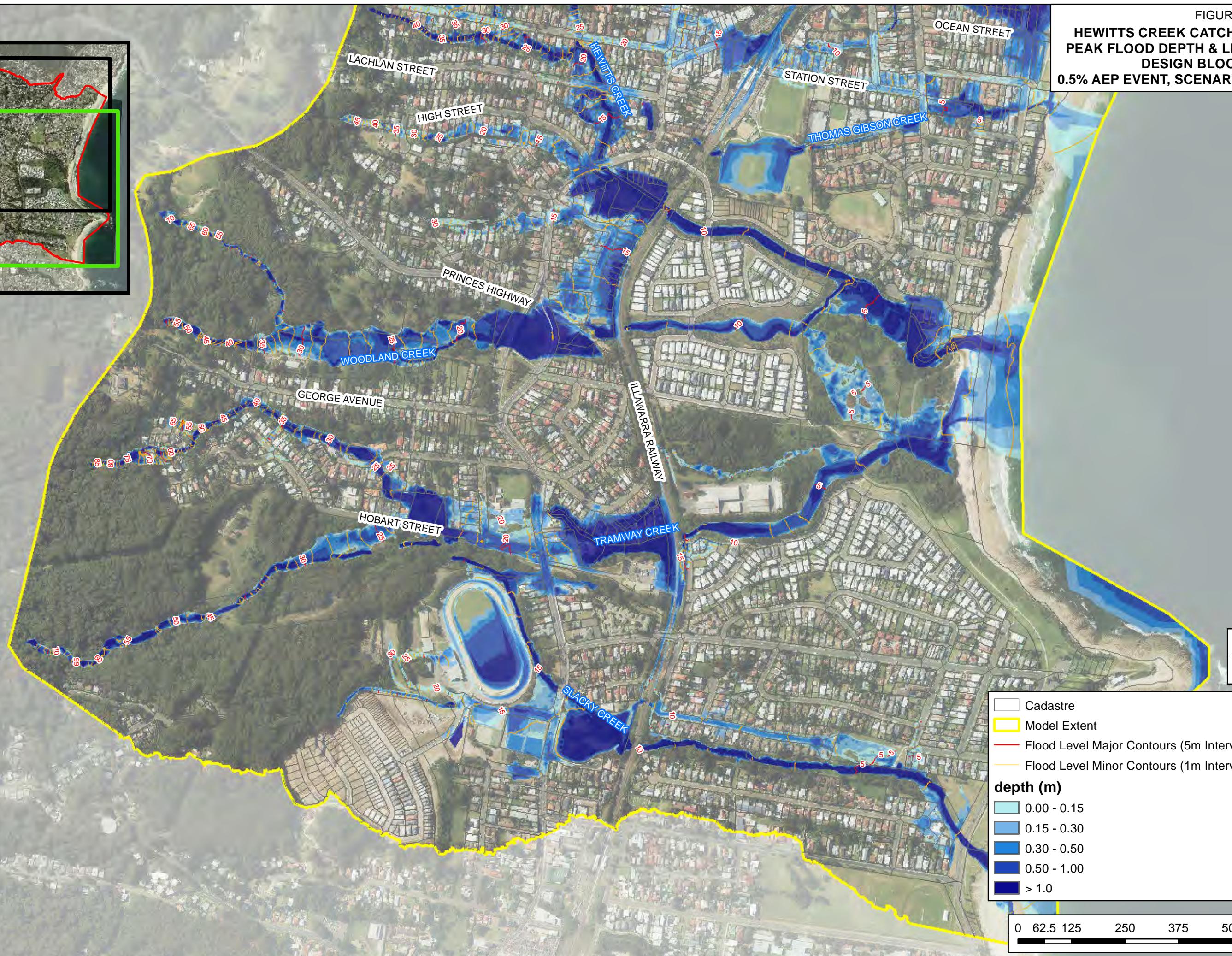


FIGURE B12A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2**

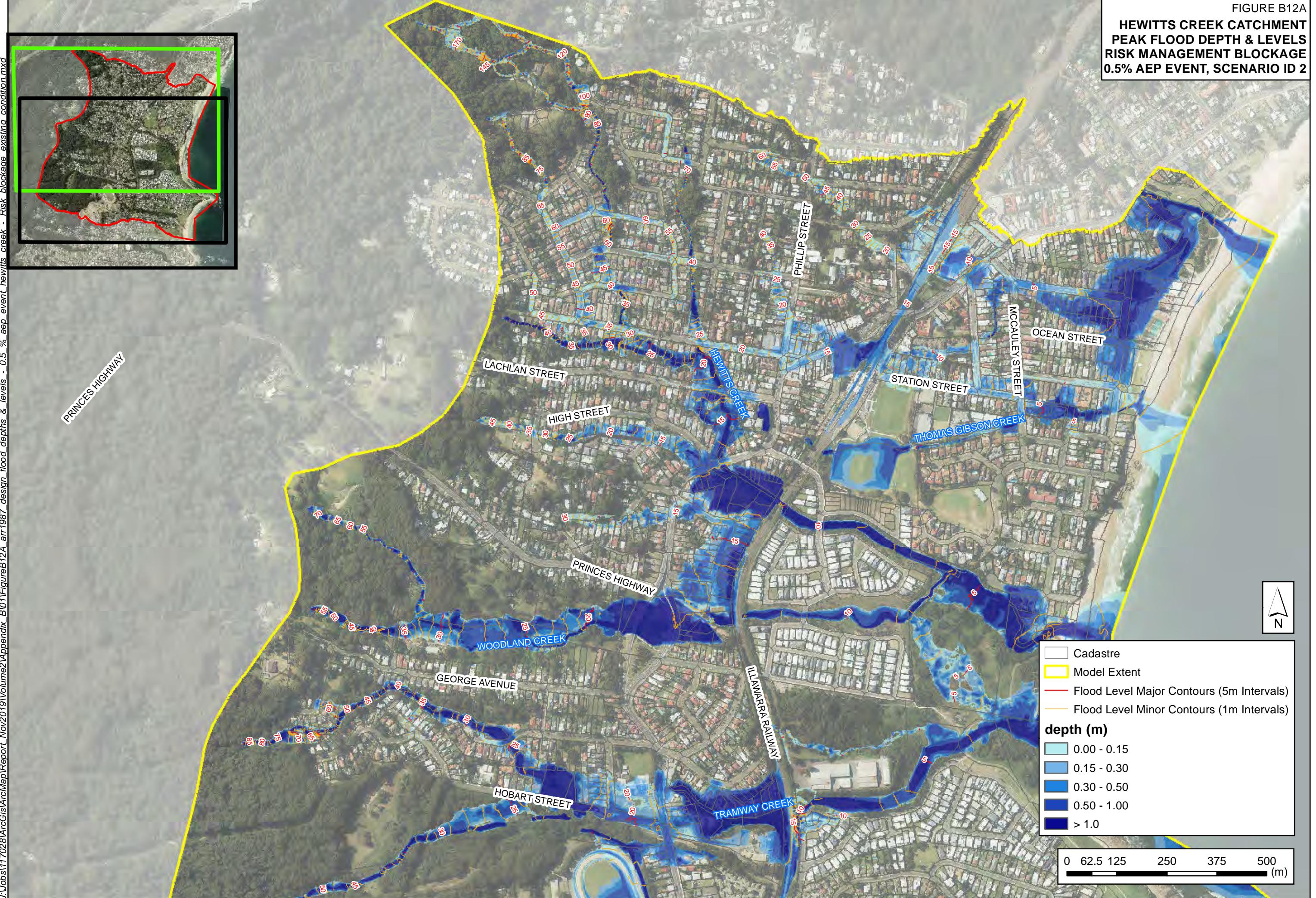


FIGURE B12B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2**

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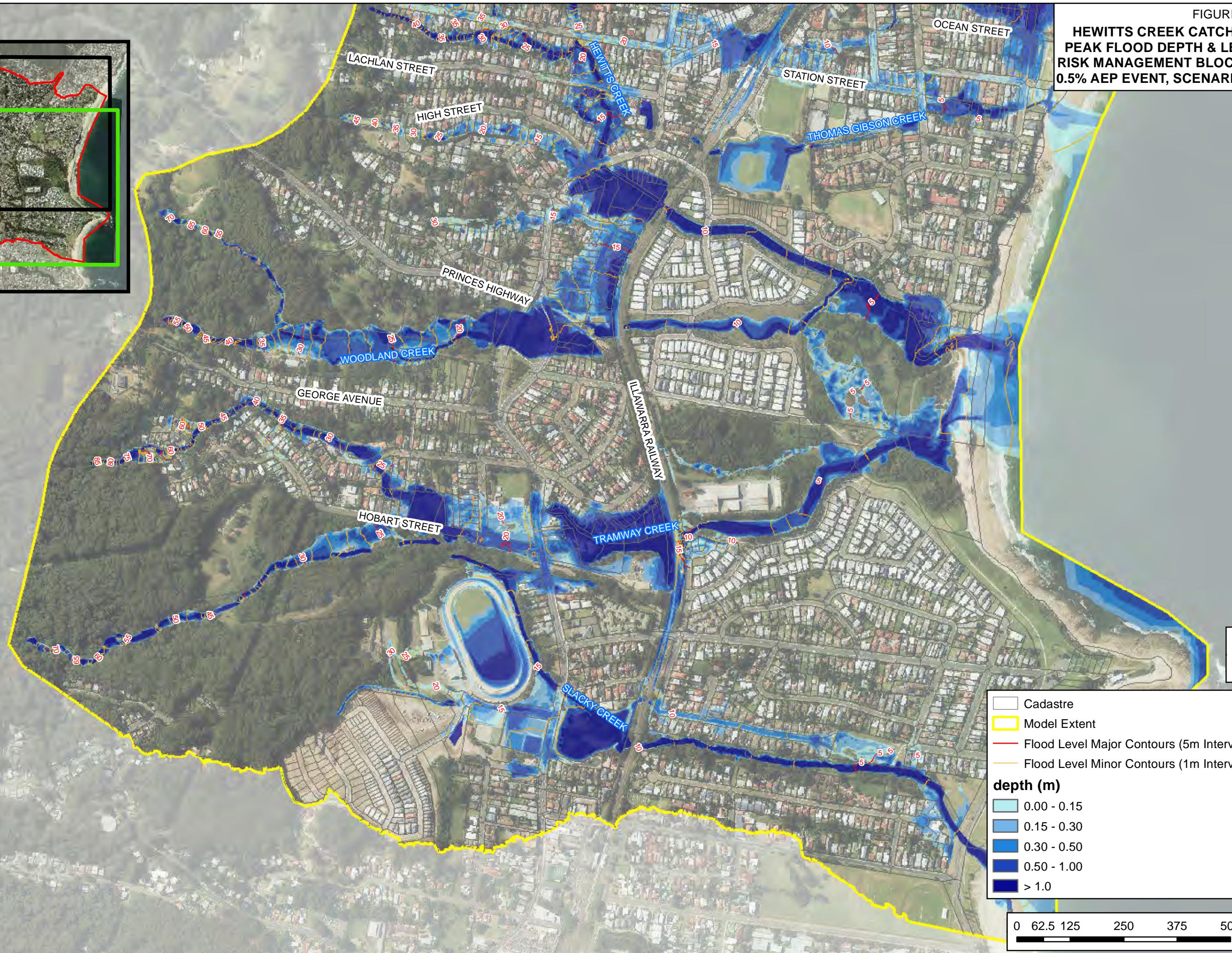
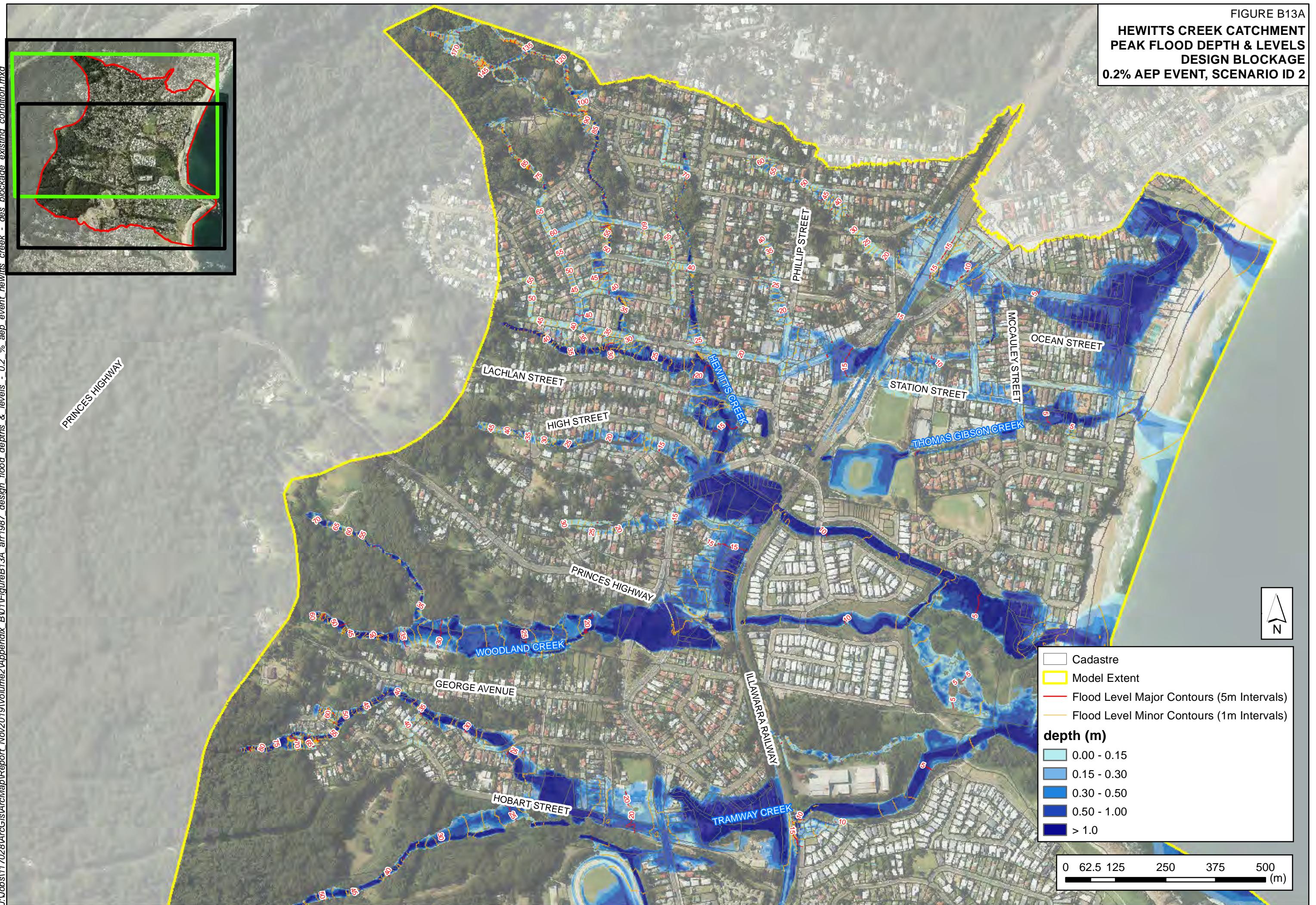


FIGURE B13A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2**

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## FIGURE B13B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2**

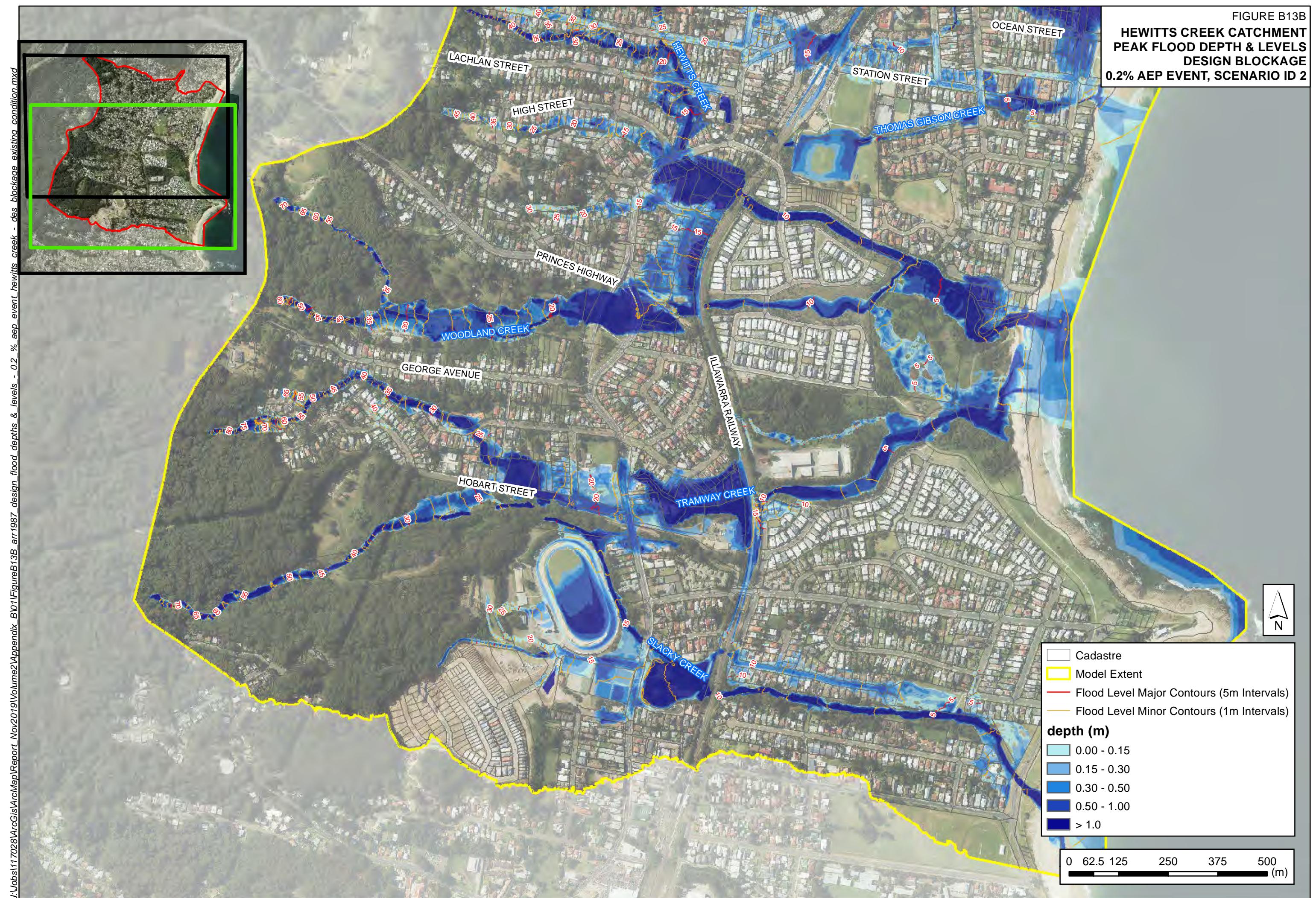


FIGURE B14A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2**

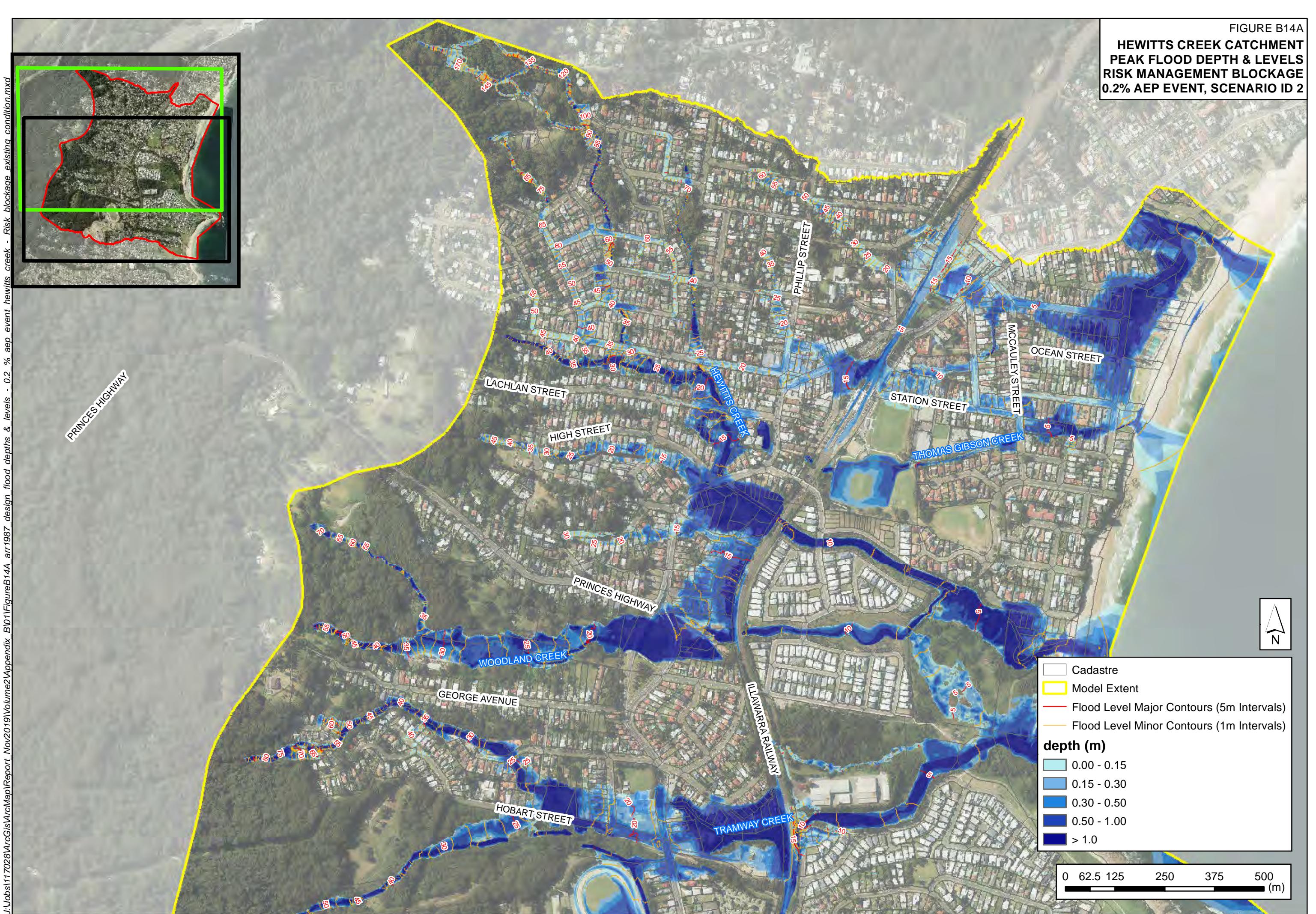


FIGURE B14B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2**

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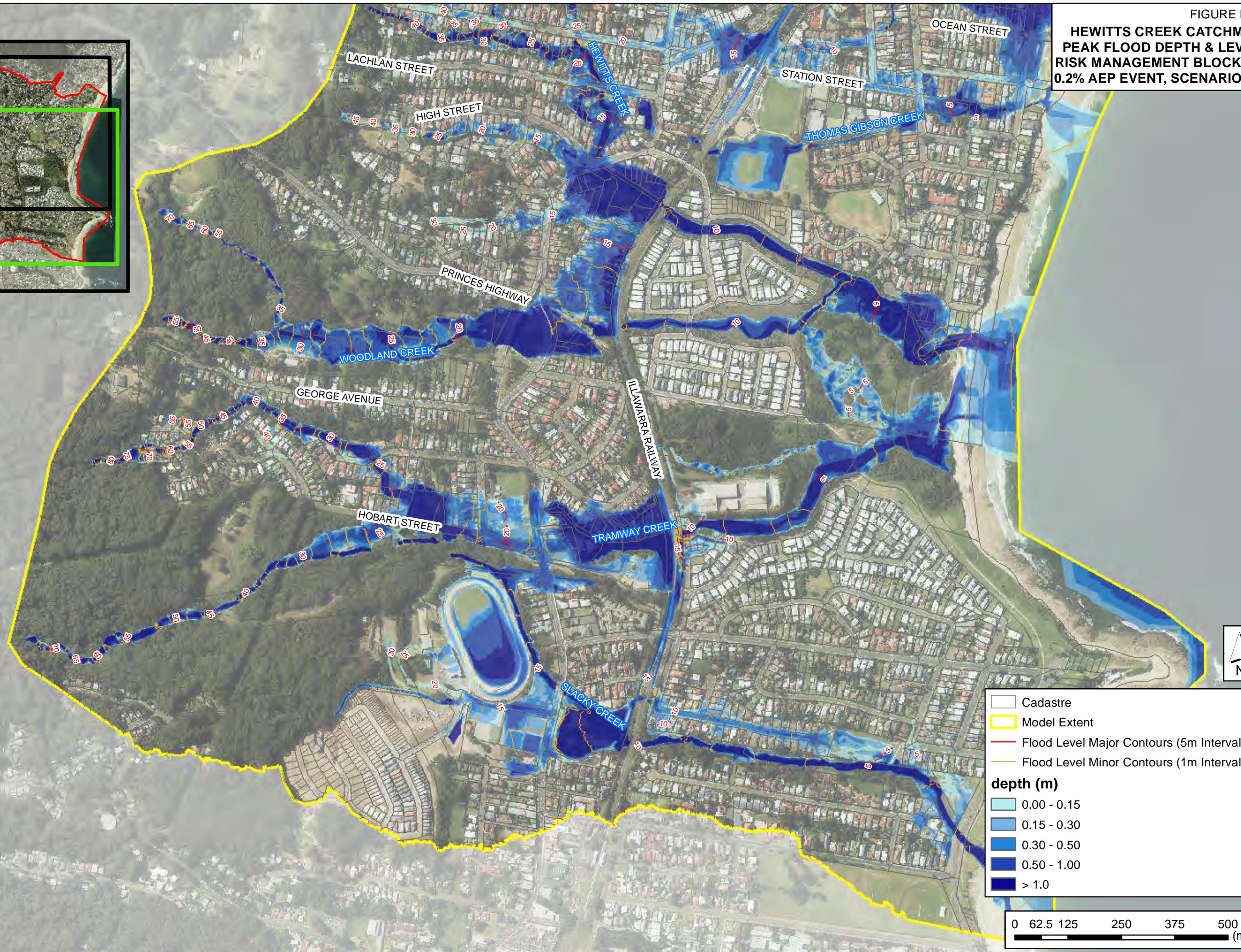


FIGURE B15A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

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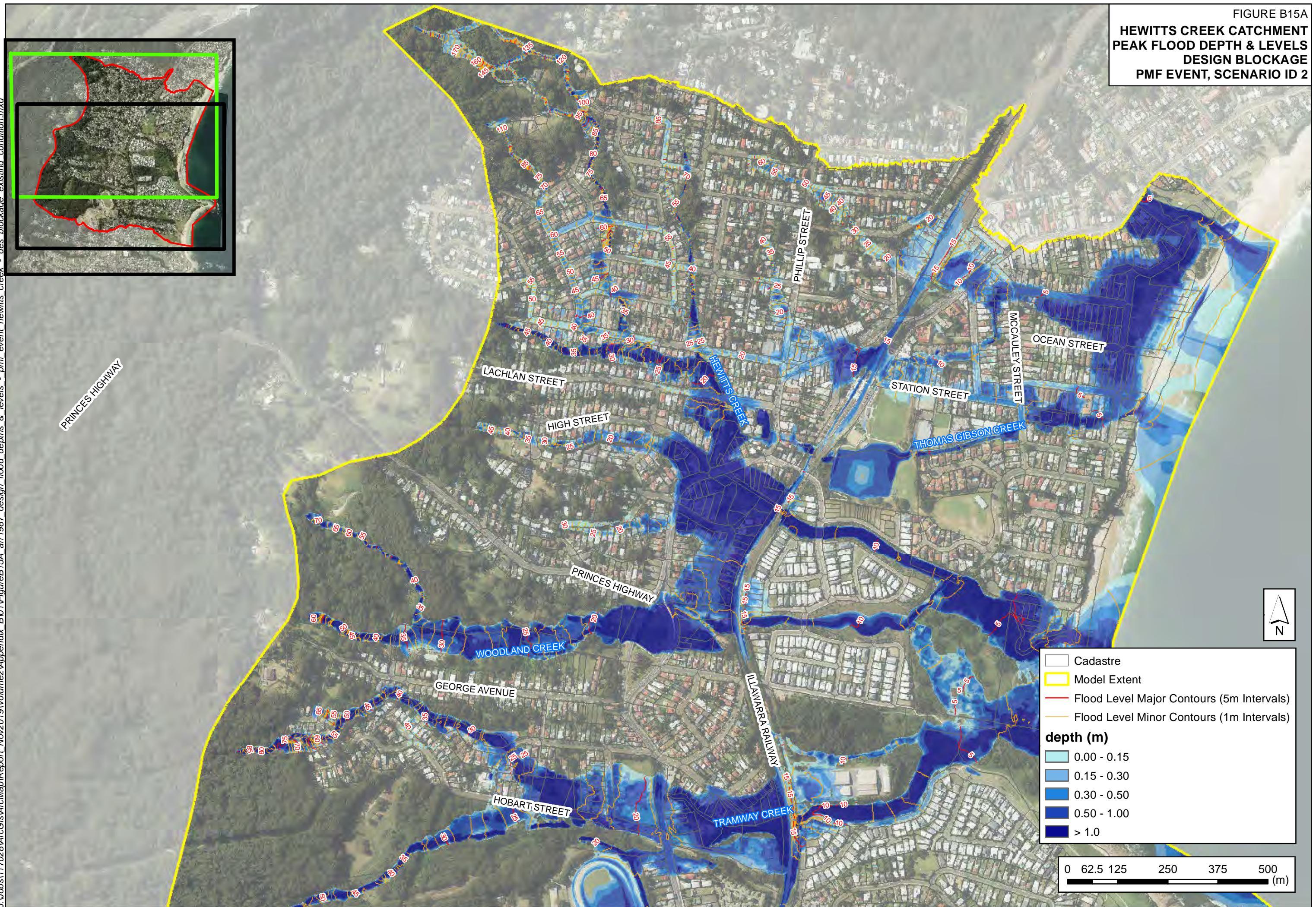


FIGURE B15B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

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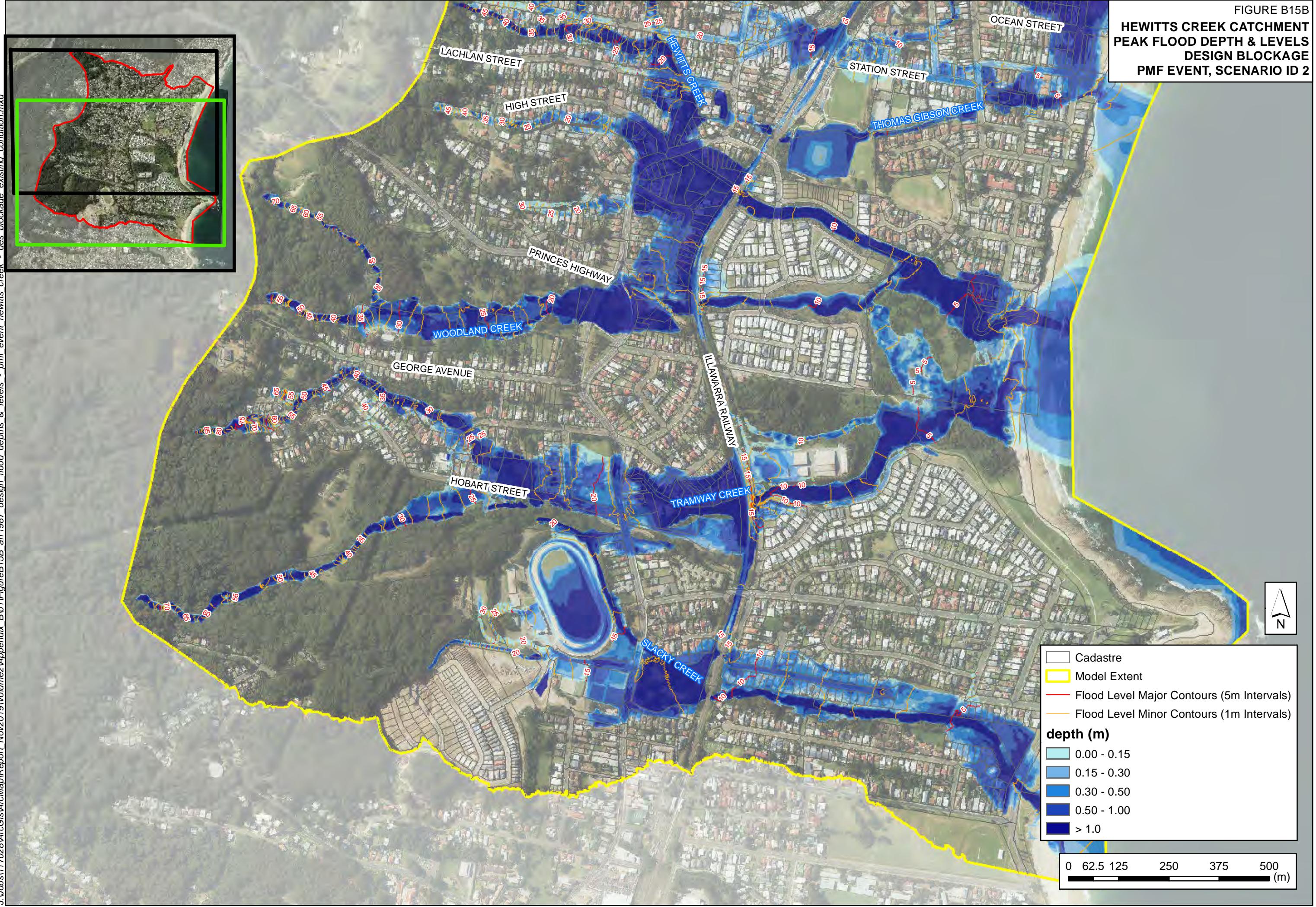


FIGURE B16A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

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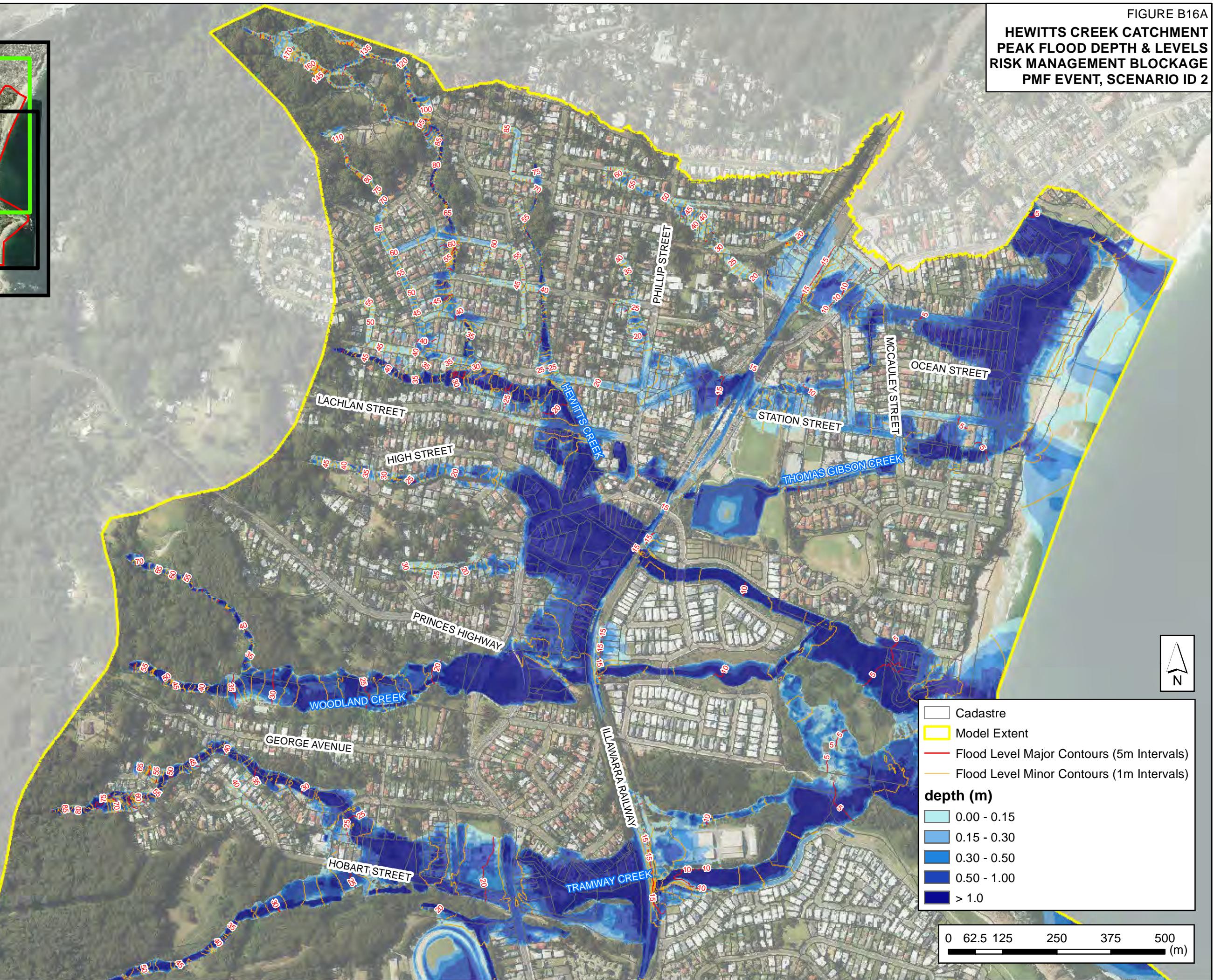


FIGURE B16B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD DEPTH & LEVELS  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

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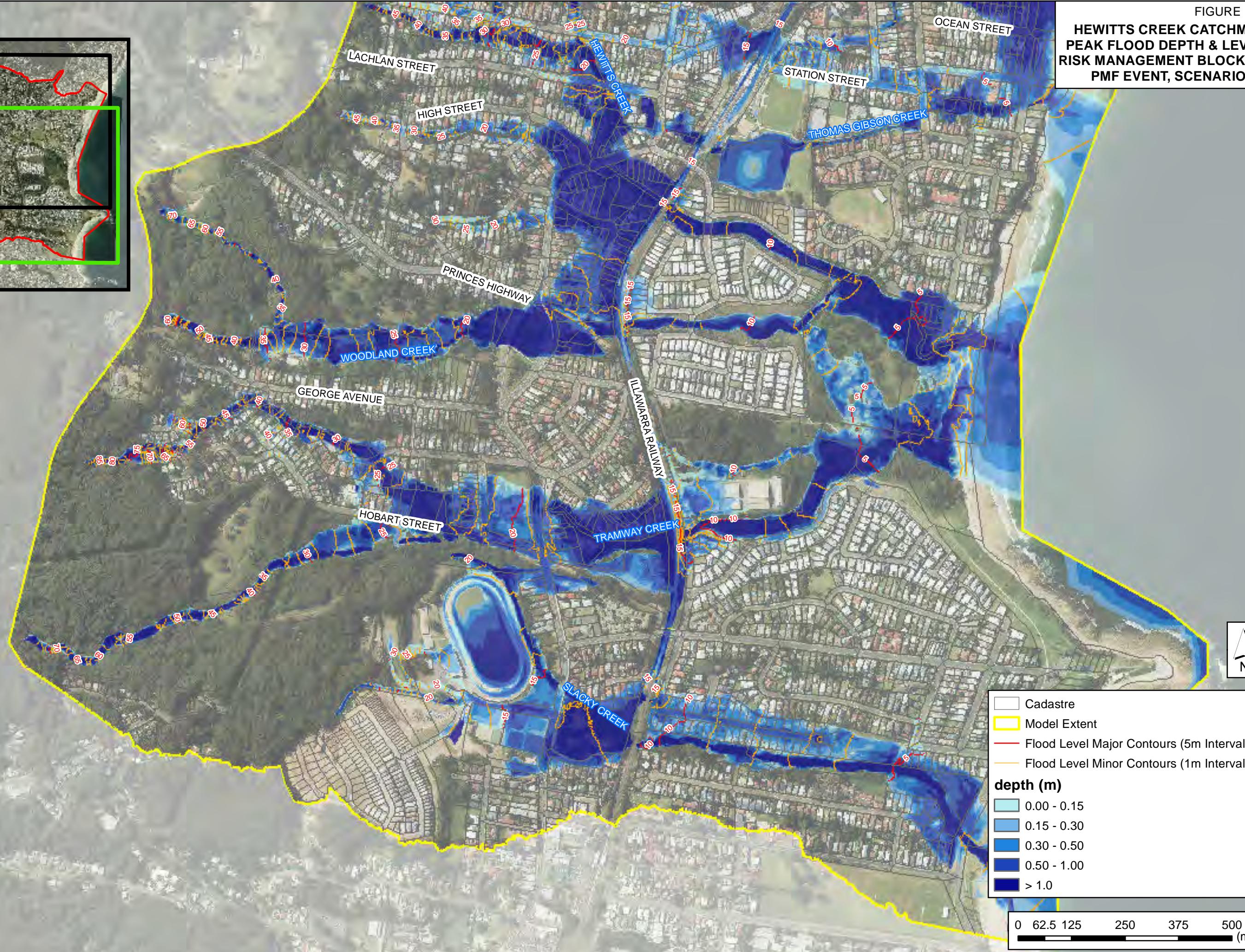


FIGURE B17A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

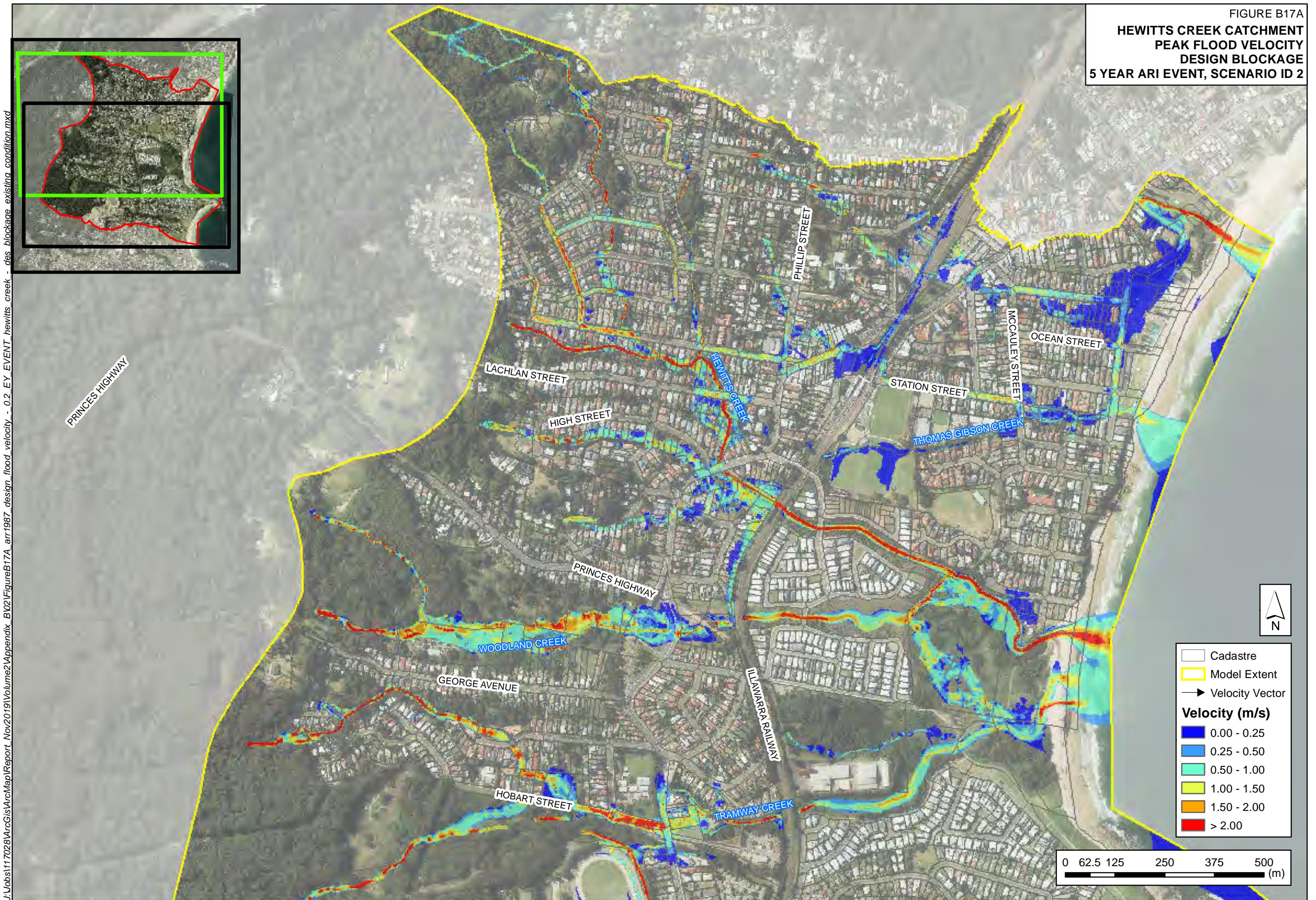


FIGURE B17B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB17B.ari1987\_design\_flood\_velocity - 0.2 EY\_EVENT\_hewitts\_creek - des blockage existing condition.mxd



FIGURE B18A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

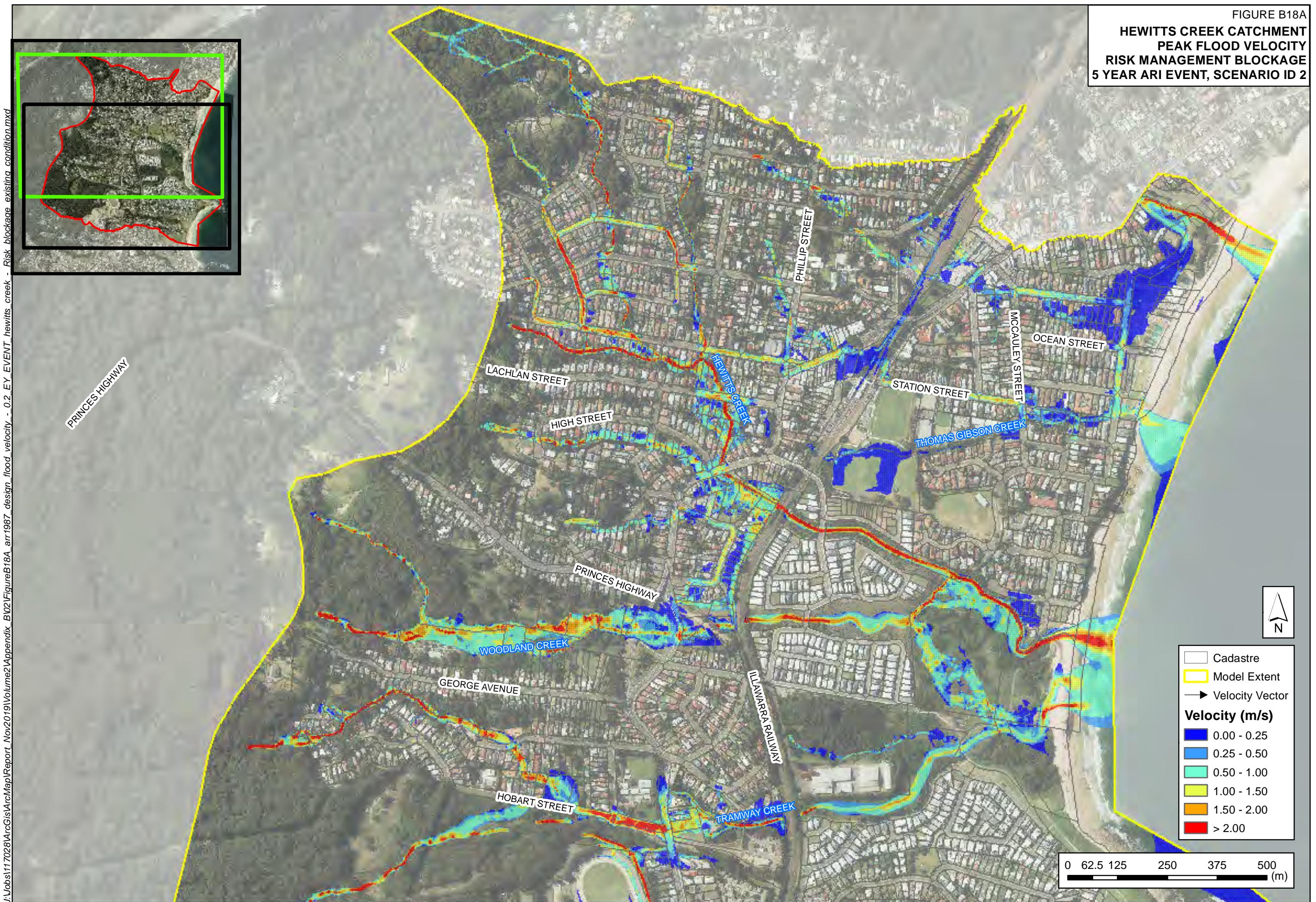


FIGURE B18B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
5 YEAR ARI EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB18B\ari1987\_design\_flood\_velocity - 0.2 EY EVENT\_hewitts\_creek - Risk blockage existing condition.mxd

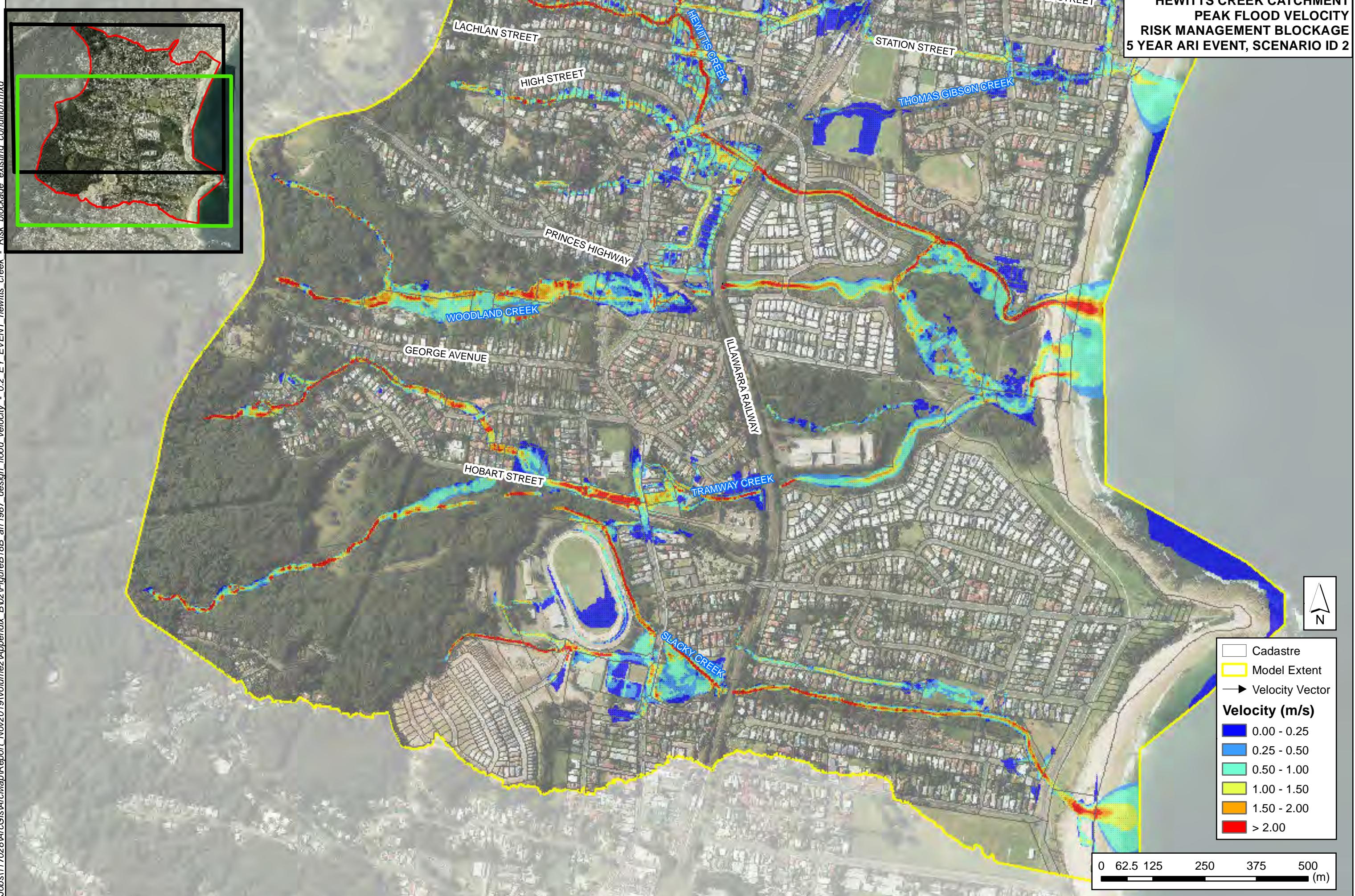


FIGURE B19A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

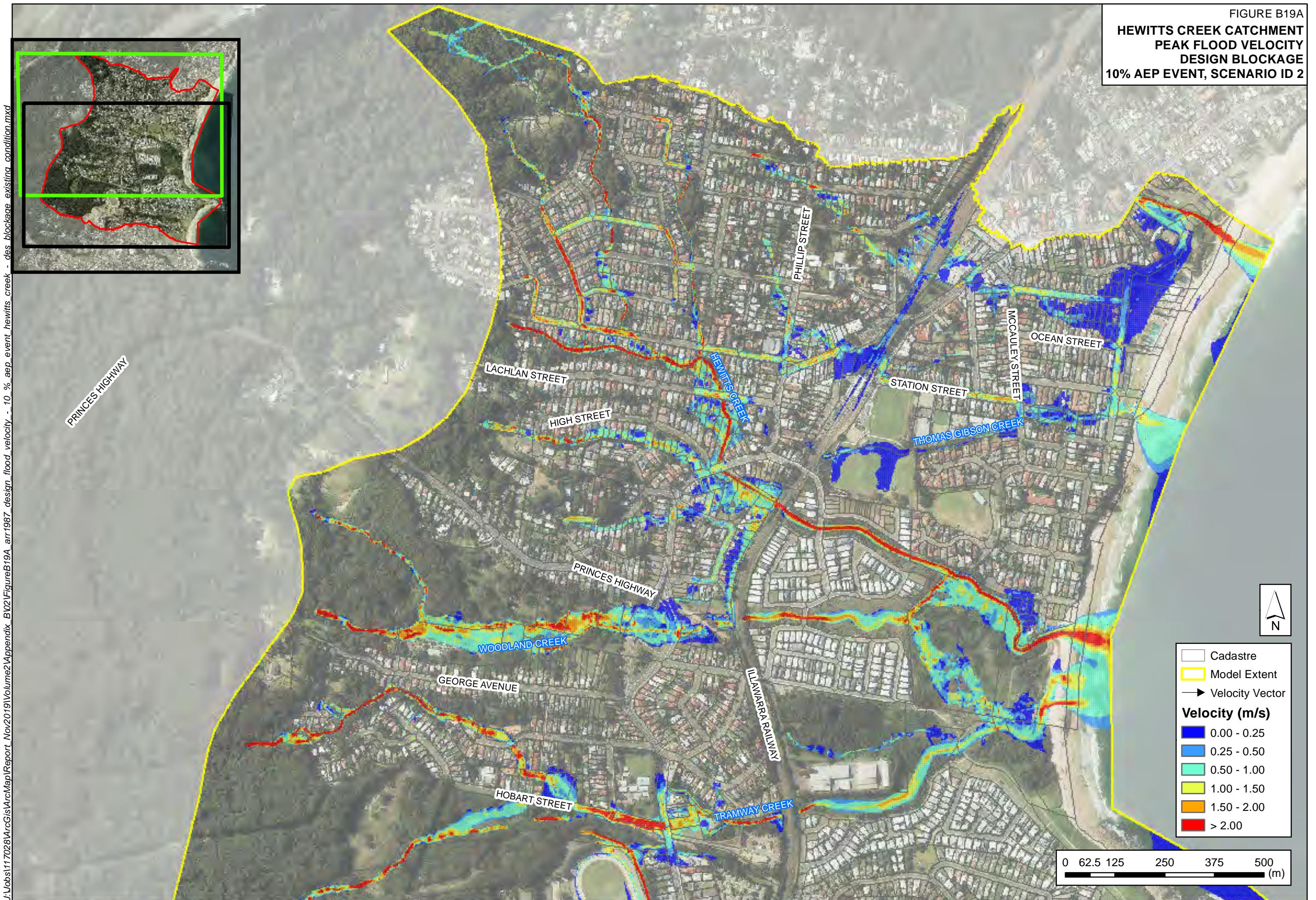


FIGURE B19B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB19B\arr1987\_design\_flood\_velocity - 10 % aep\_event\_hewitts\_creek - des blockage existing condition.mxd



FIGURE B20A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB20A.mxd

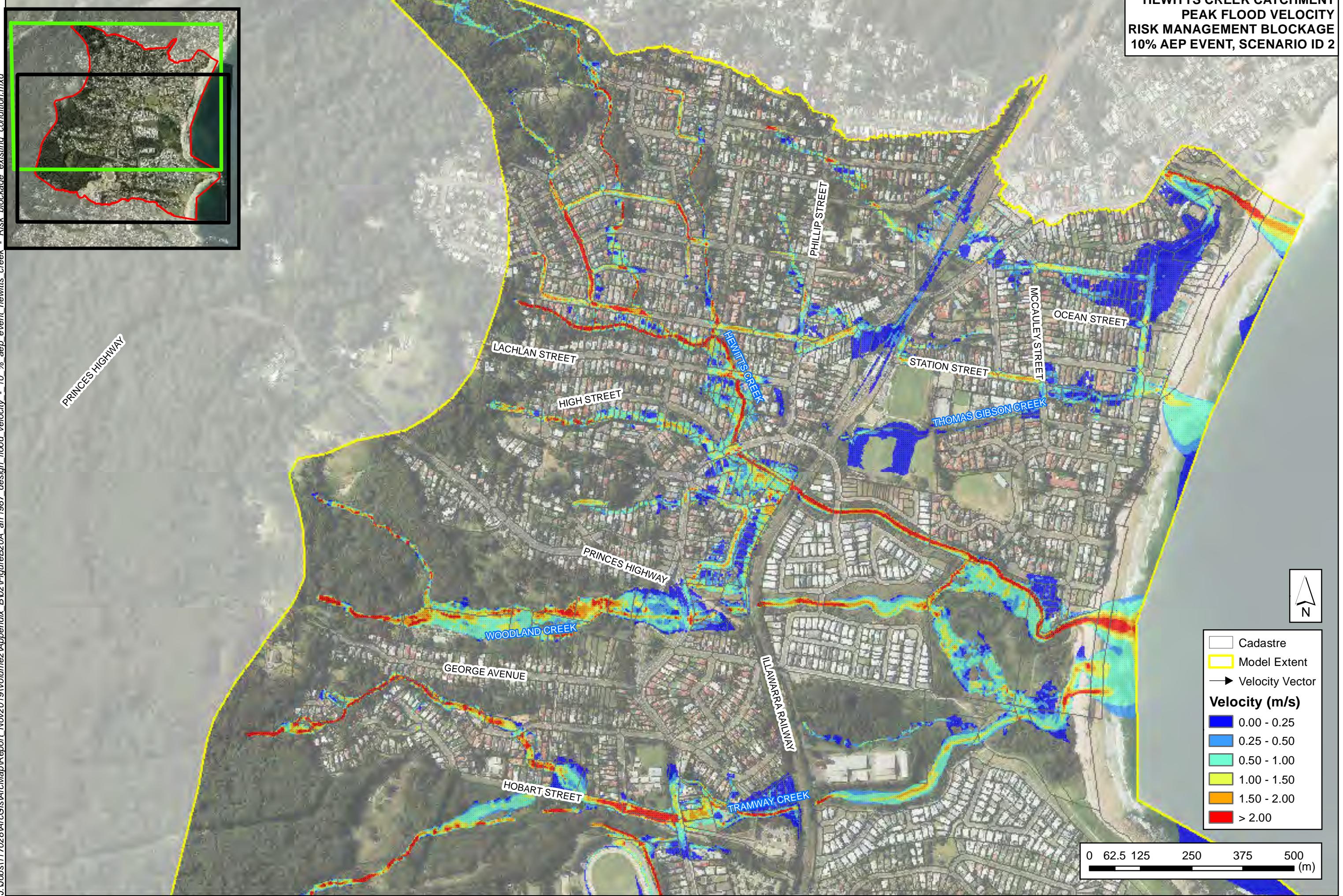


FIGURE B20B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
10% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB20B.mxd

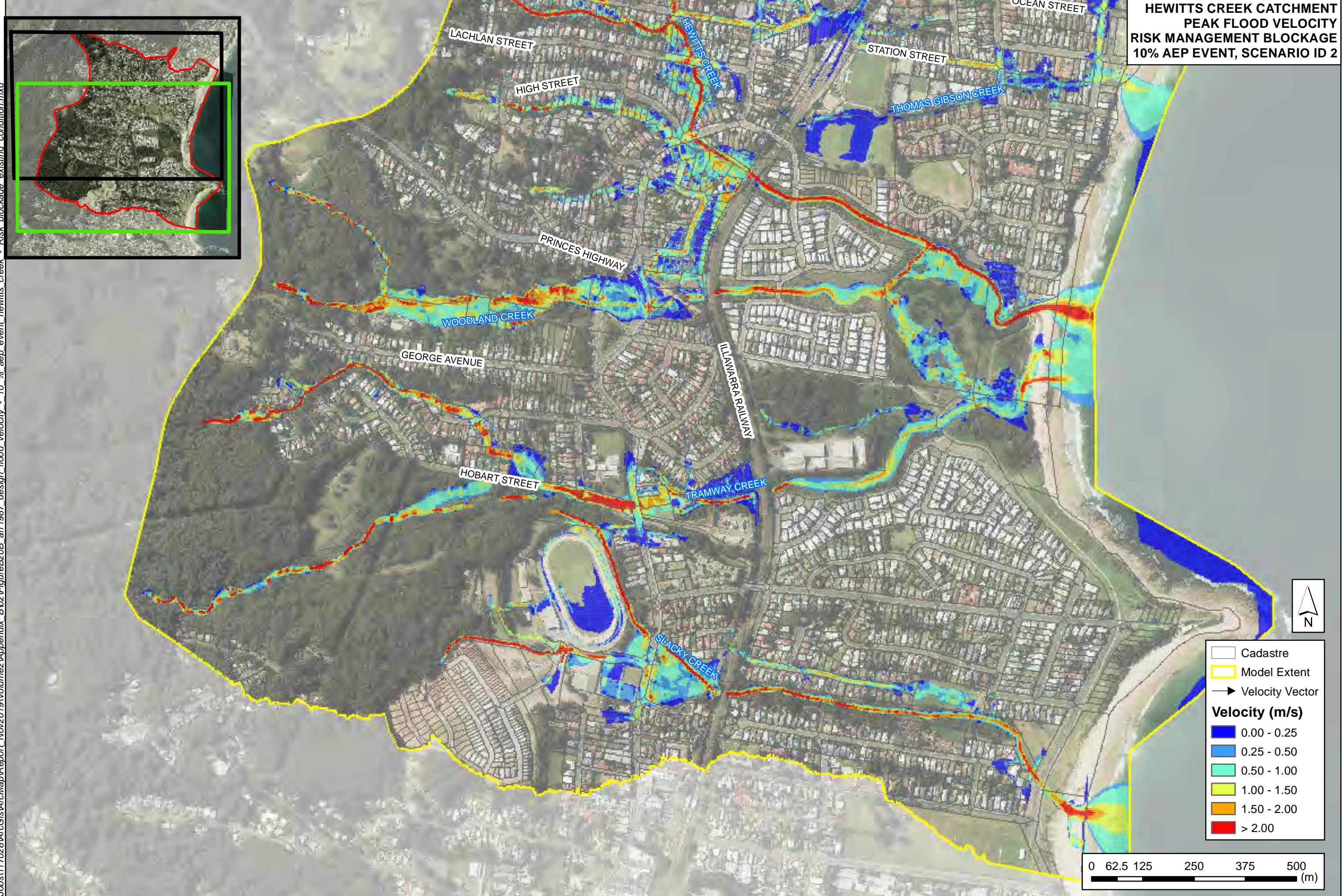


FIGURE B21A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2**

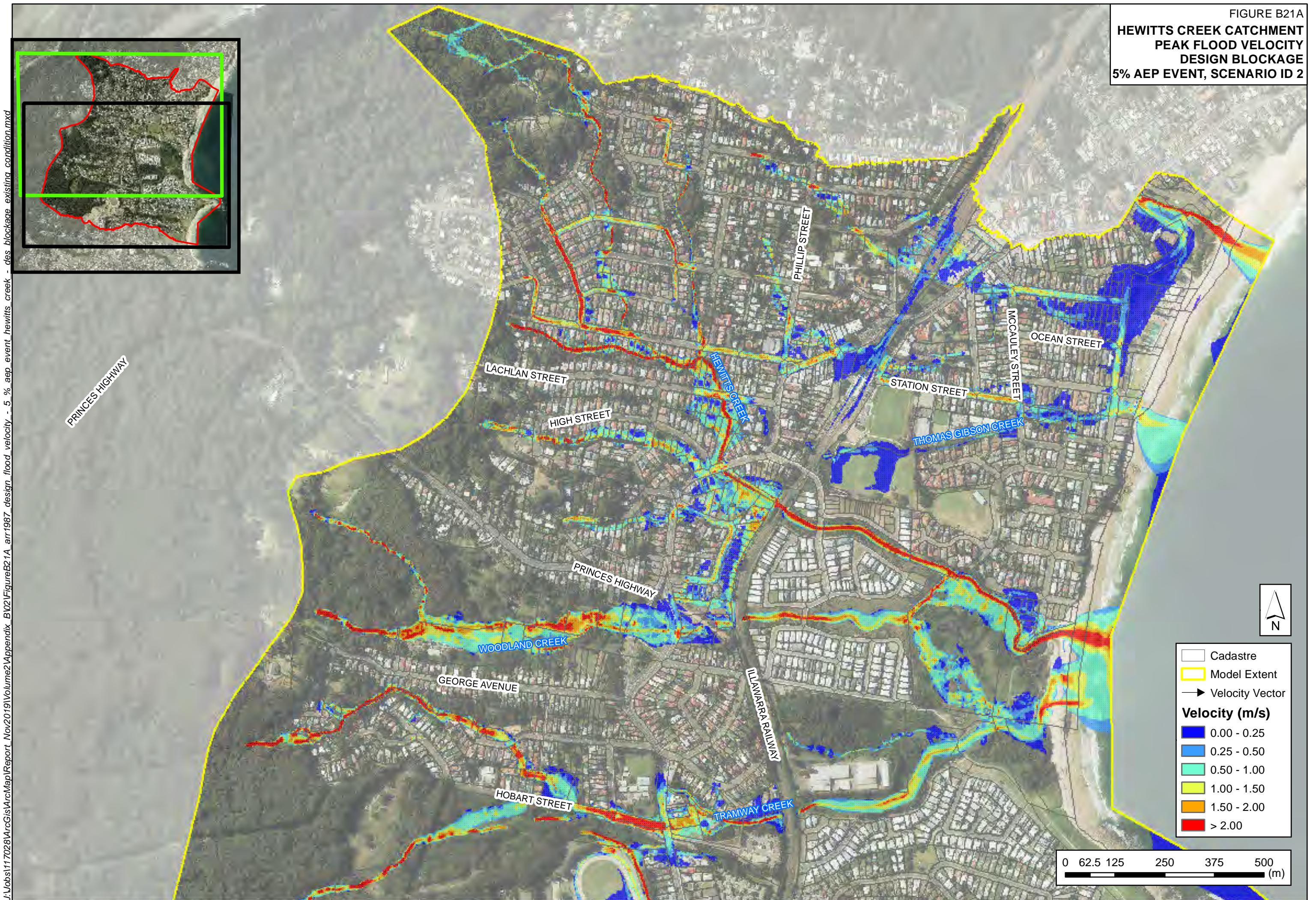


FIGURE B21B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB21B\arr1987\_design\_flood\_velocity - 5 % aep event\_hewitts\_creek - des blockage\_existing condition.mxd

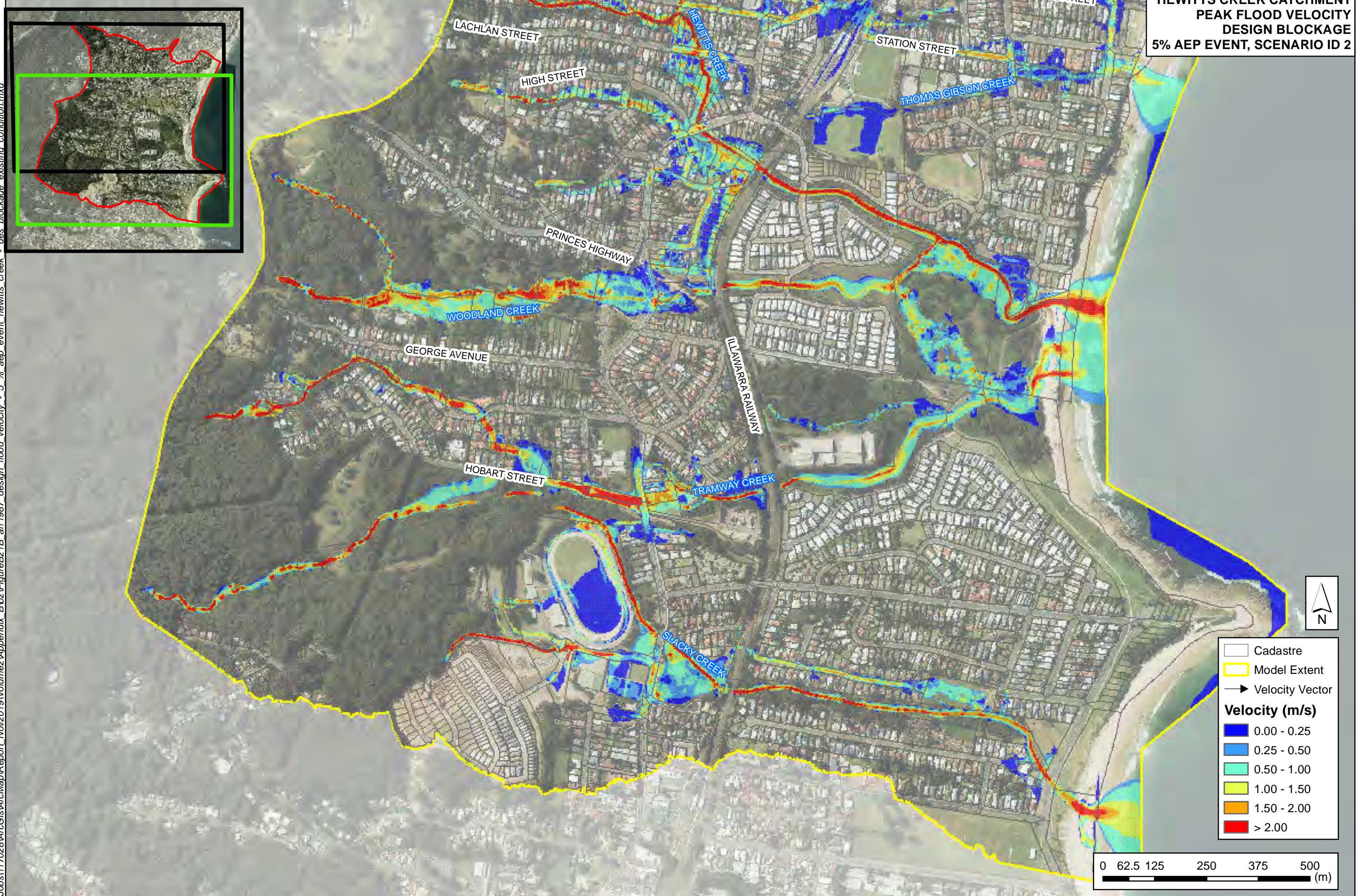


FIGURE B22A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2**

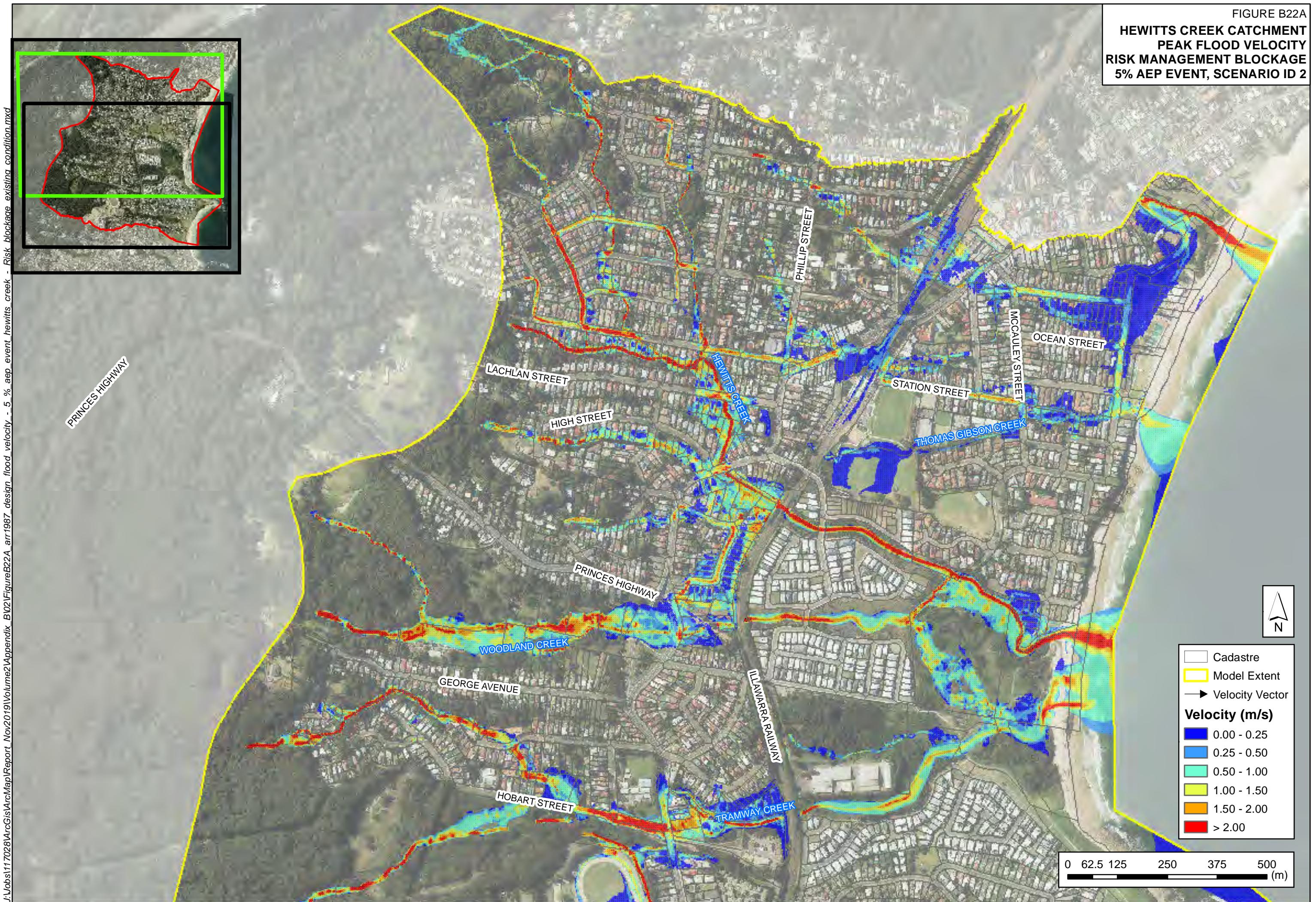


FIGURE B22B

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
5% AEP EVENT, SCENARIO ID 2

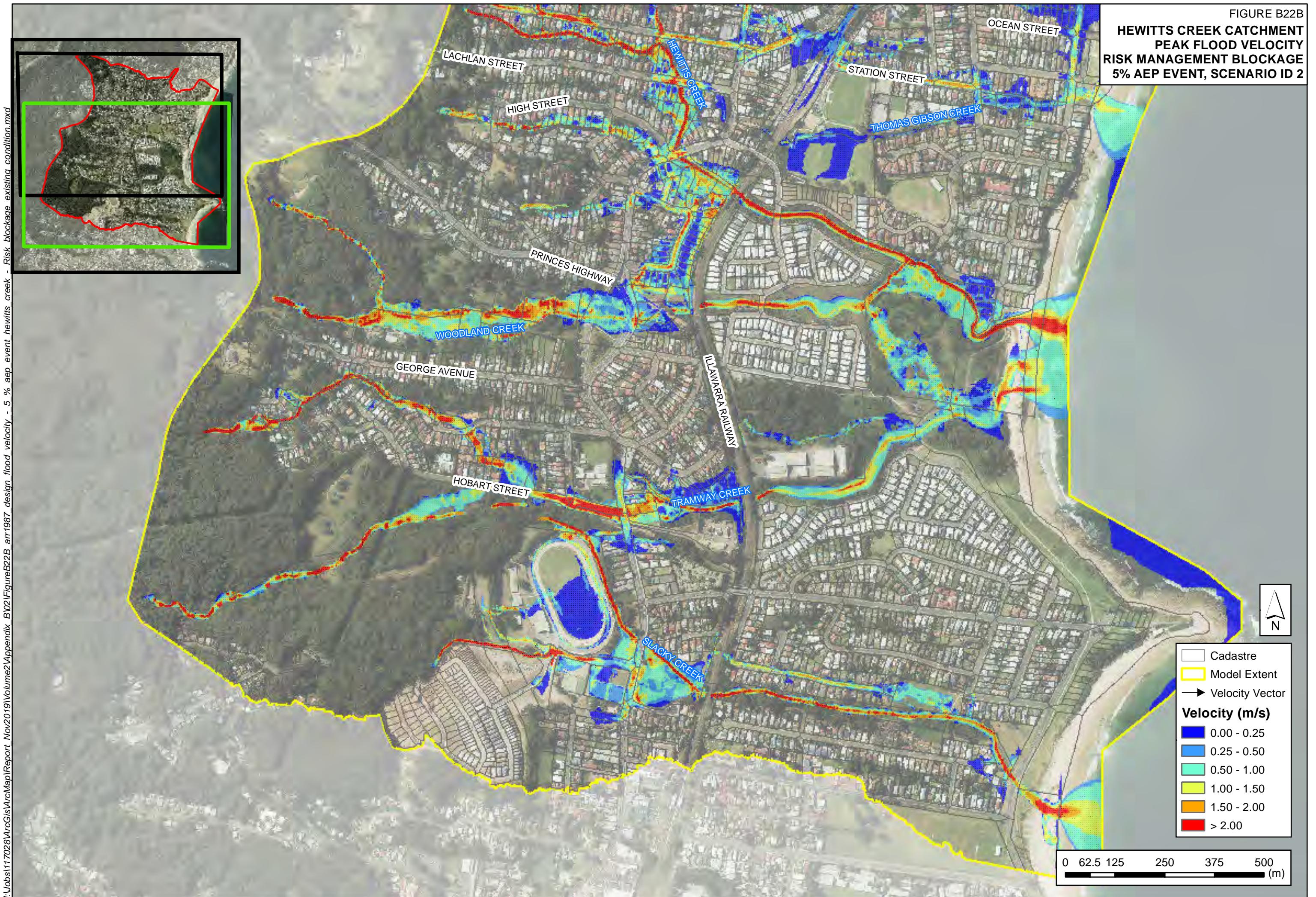


FIGURE B23A

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2

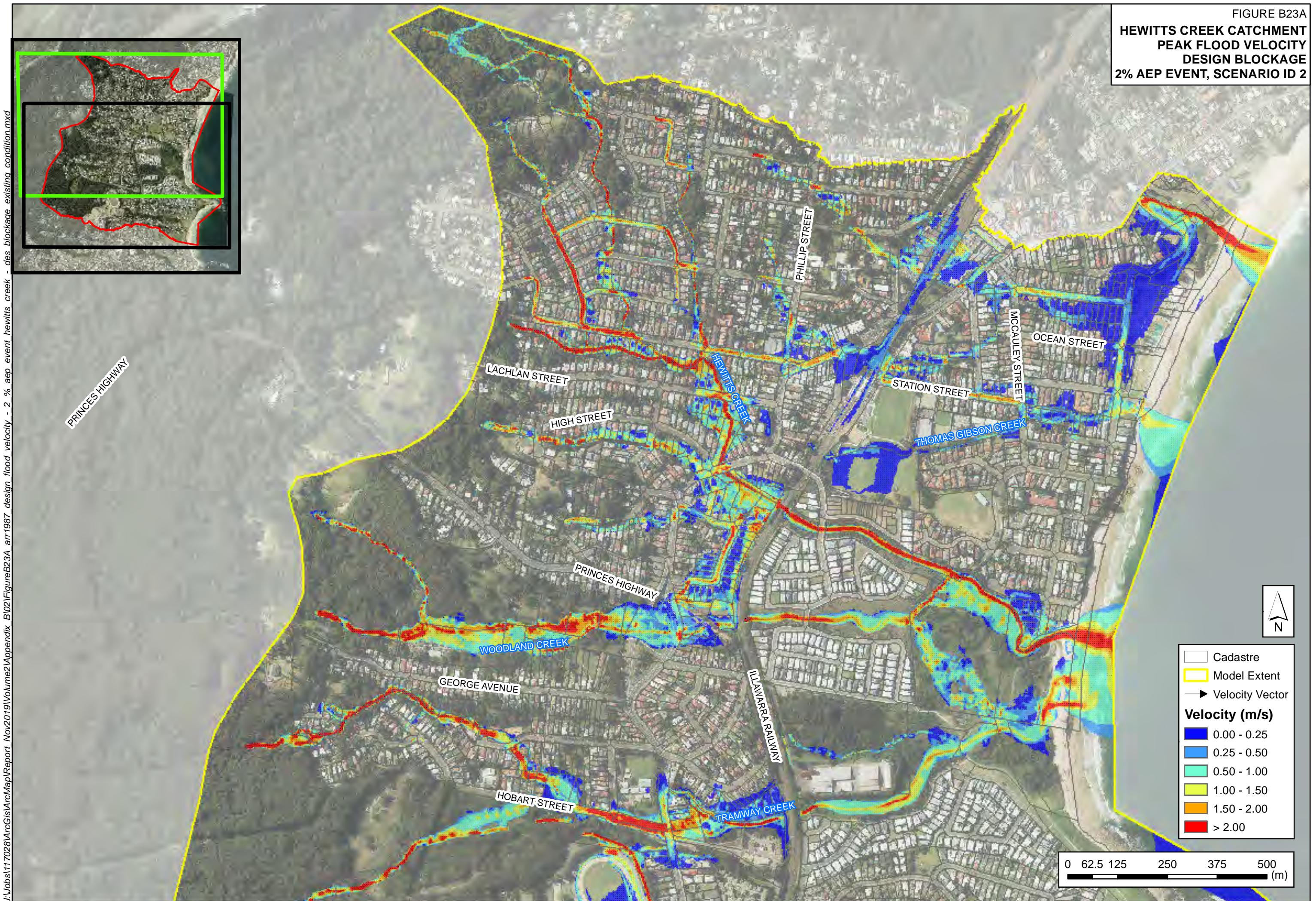


FIGURE B23B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB23B\arr1987\_design\_flood\_velocity - 2 % aep event\_hewitts\_creek - des blockage\_existing condition.mxd

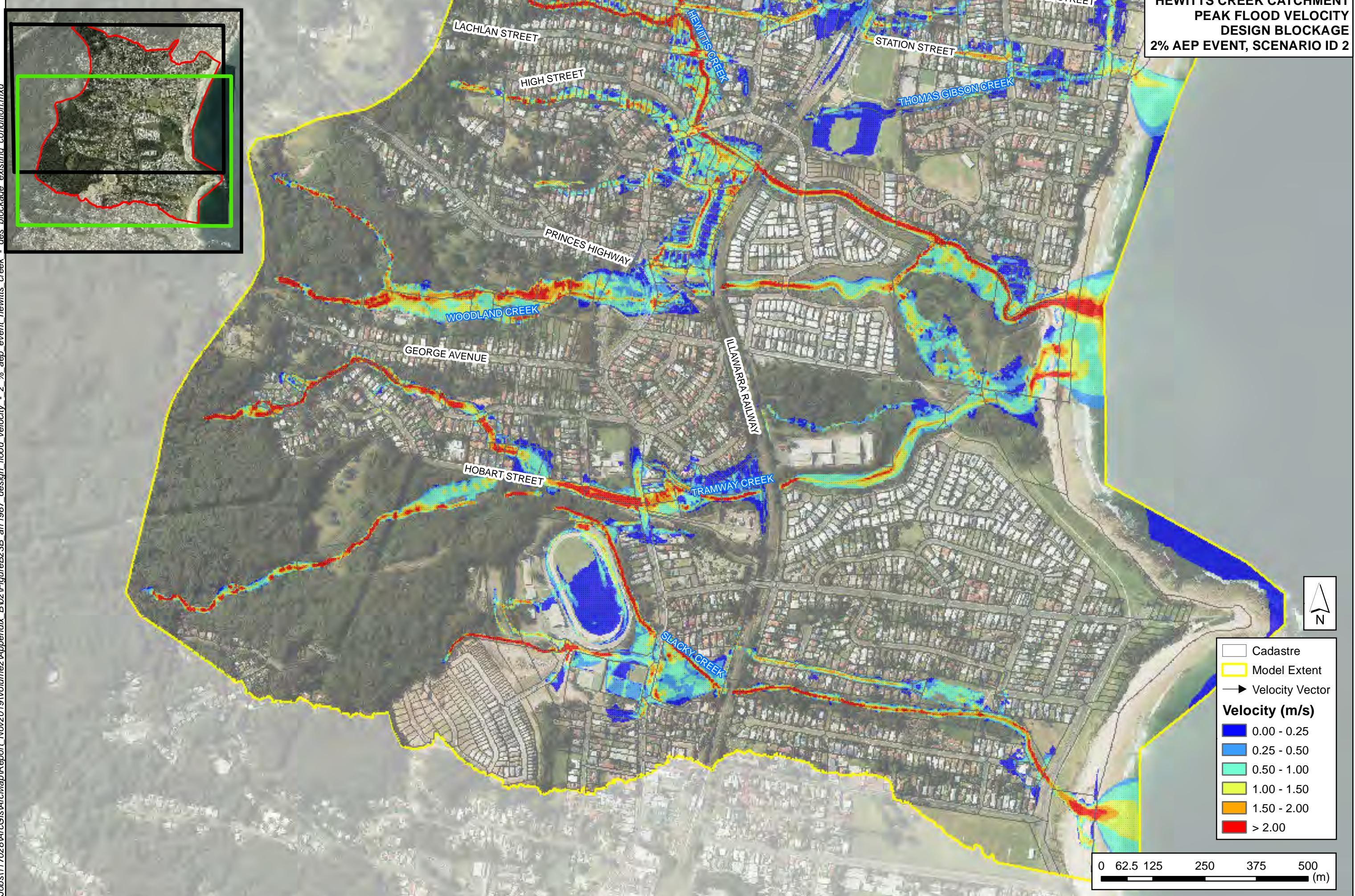


FIGURE B24A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B\02\FigureB24A\arri1987\_design\_flood\_velocity - 2 % aep event\_hewitts\_creek - Risk blockage existing condition.mxd

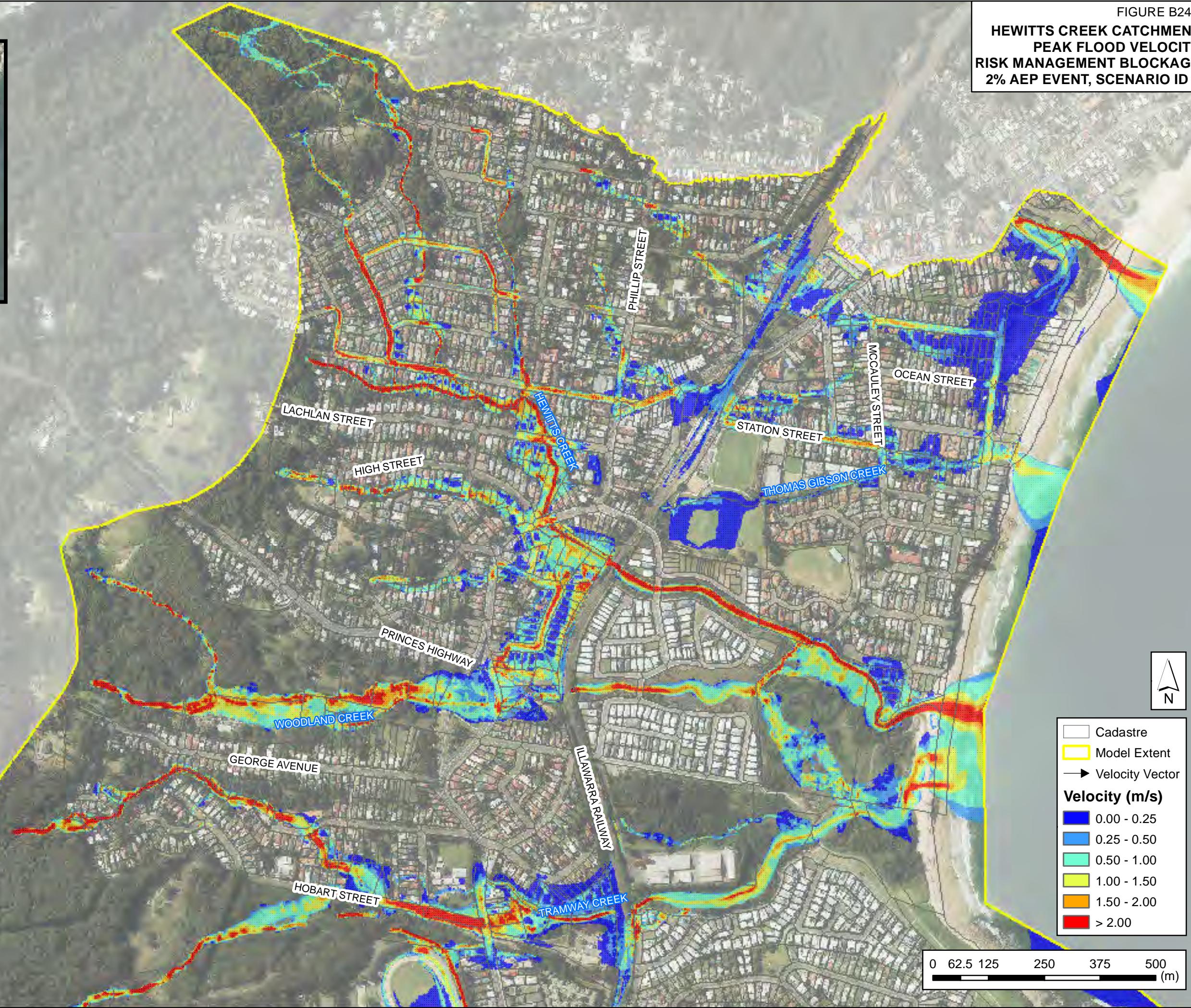


FIGURE B24B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
2% AEP EVENT, SCENARIO ID 2**

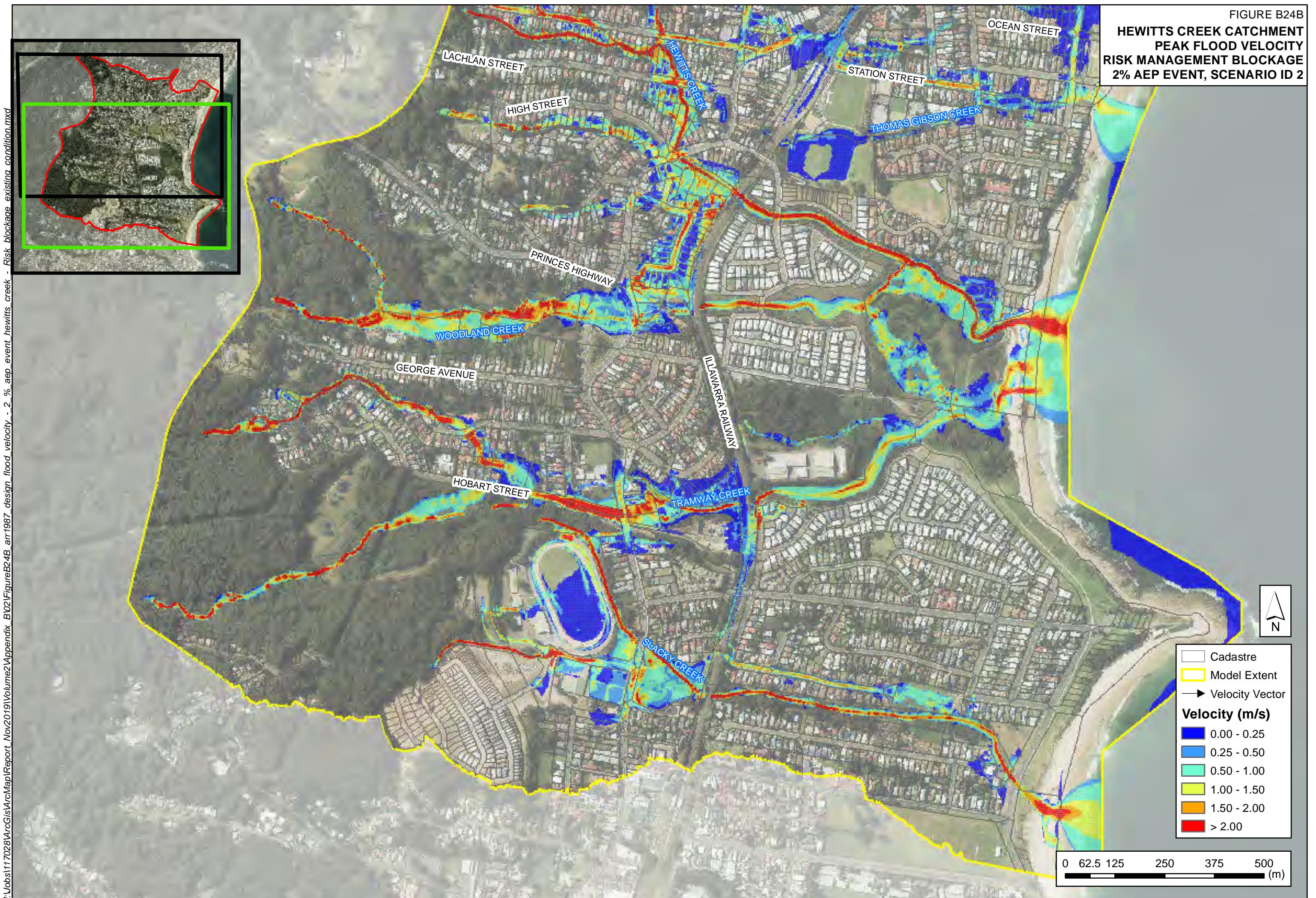


FIGURE B25A

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2

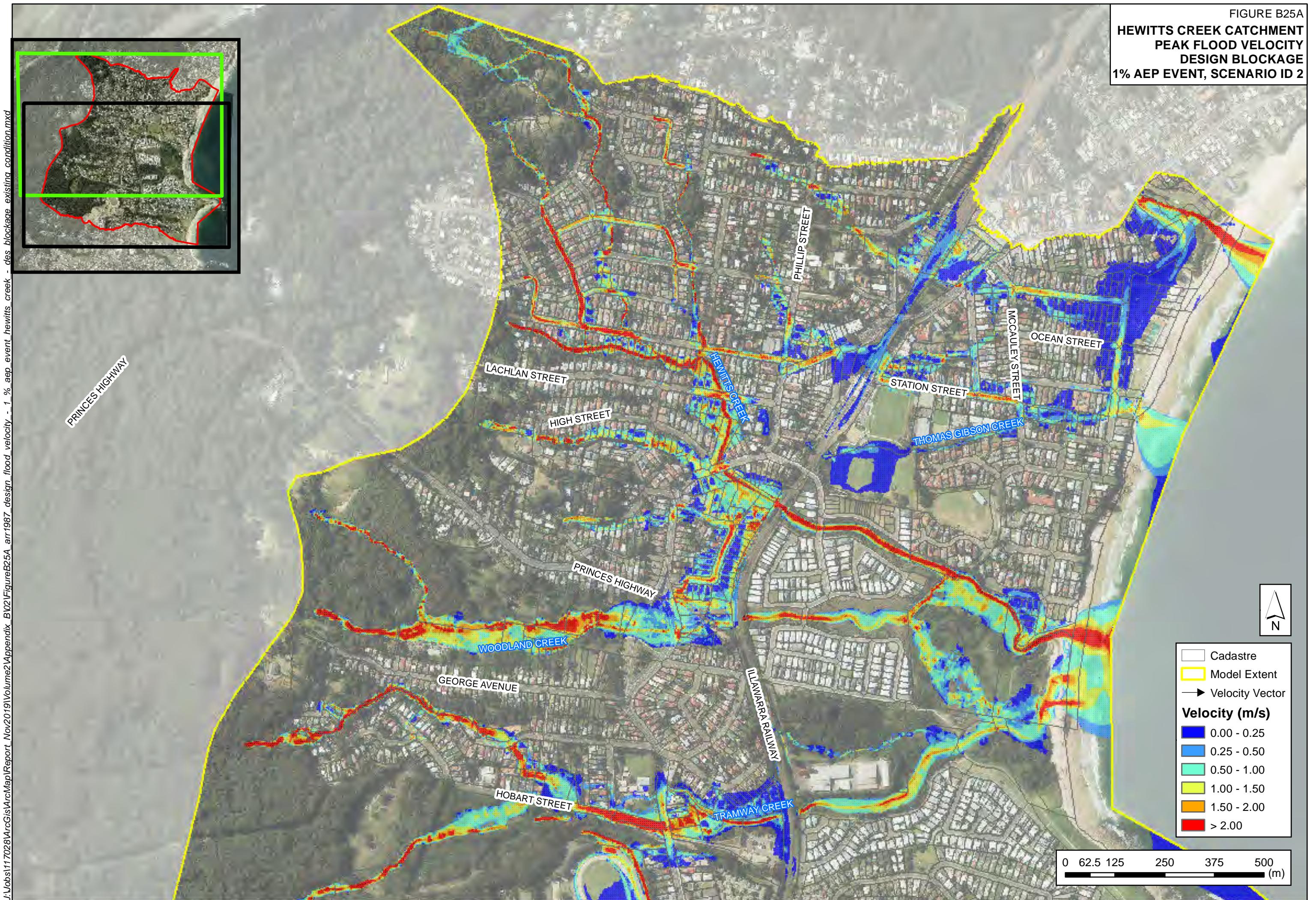


FIGURE B25B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB25B\arr1987\_design\_flood\_velocity - 1 % aep event\_hewitts\_creek - des blockage\_existing condition.mxd

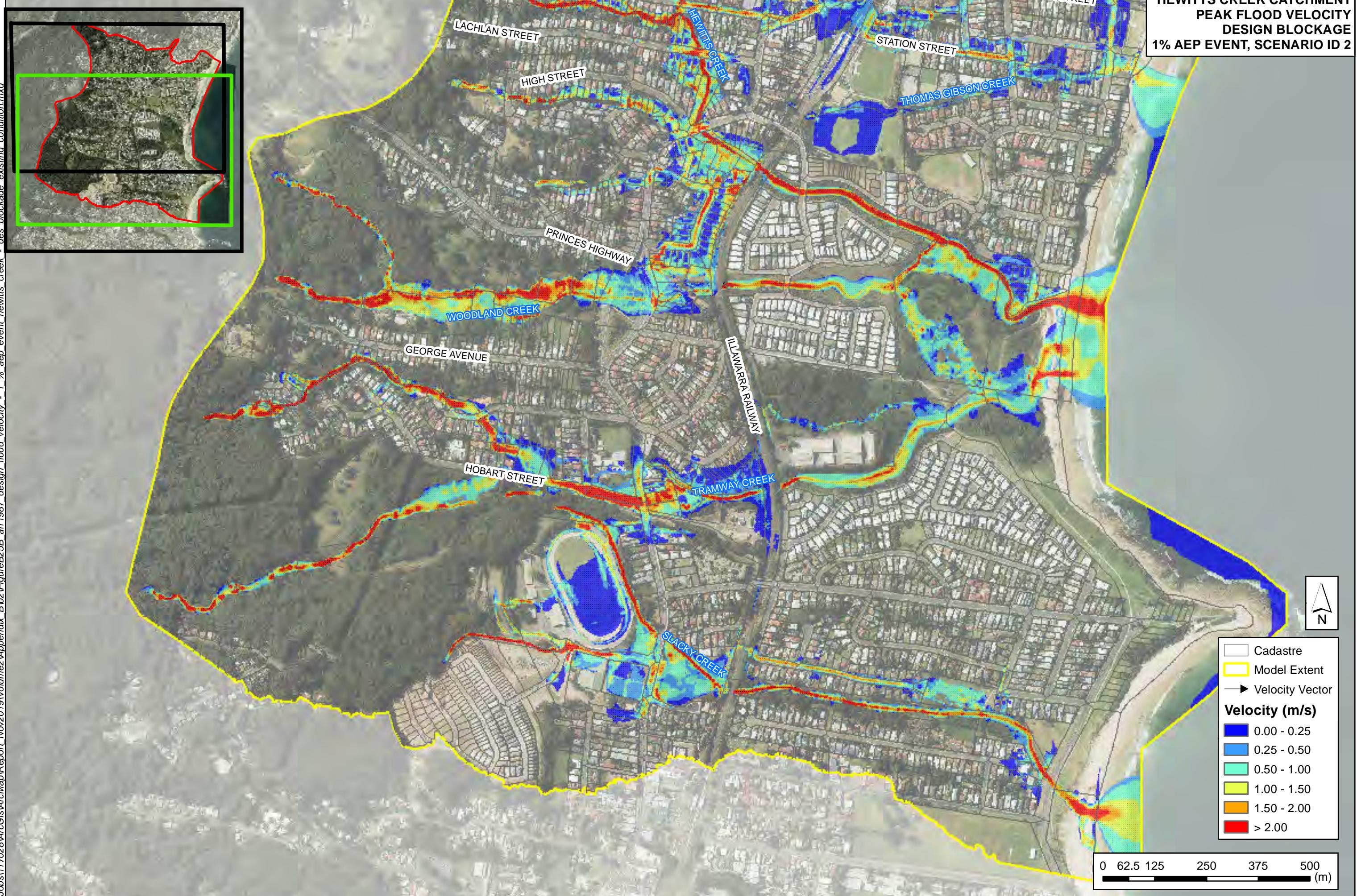


FIGURE B26A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB26A.mxd

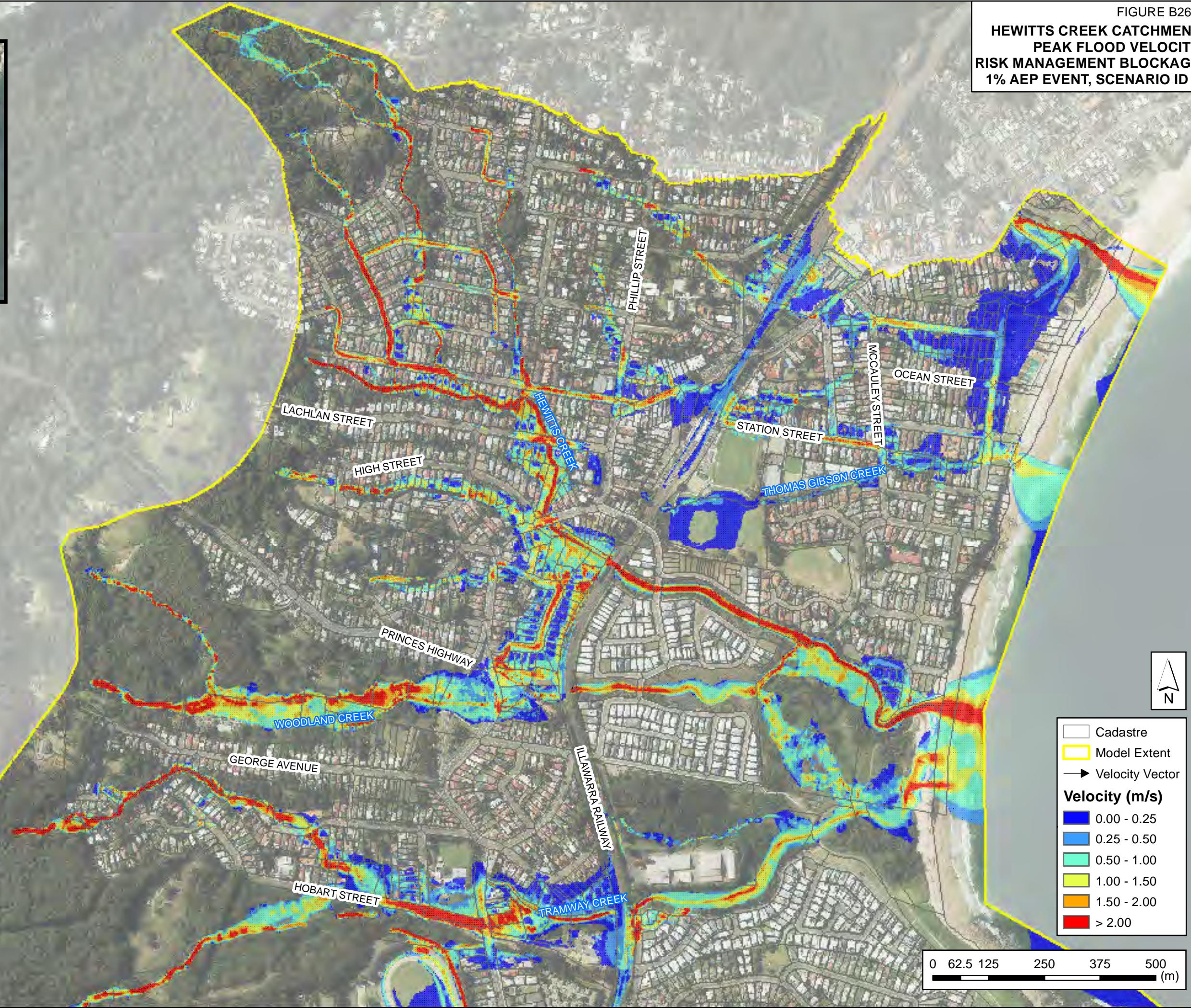


FIGURE B26B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

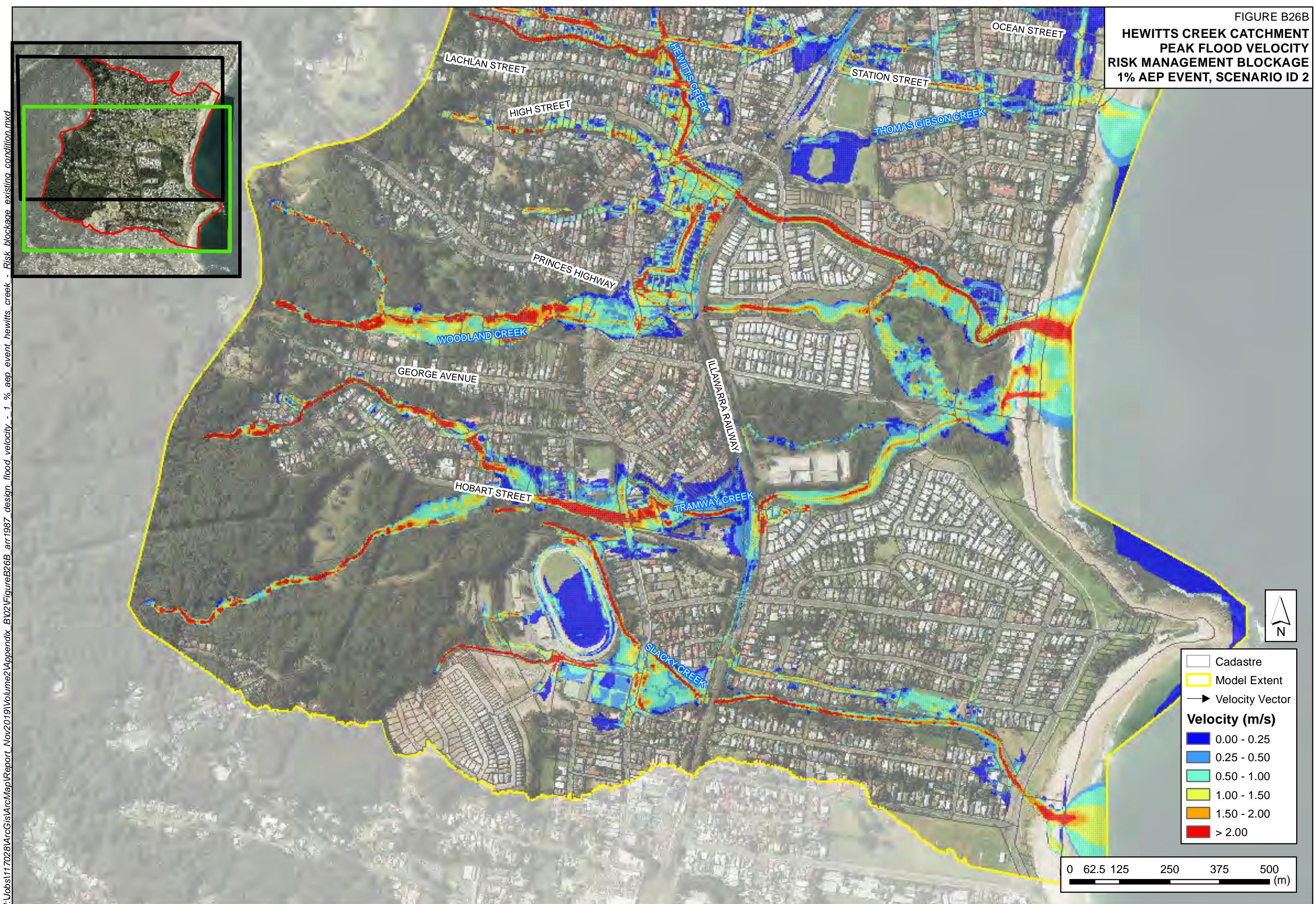


FIGURE B27A

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2

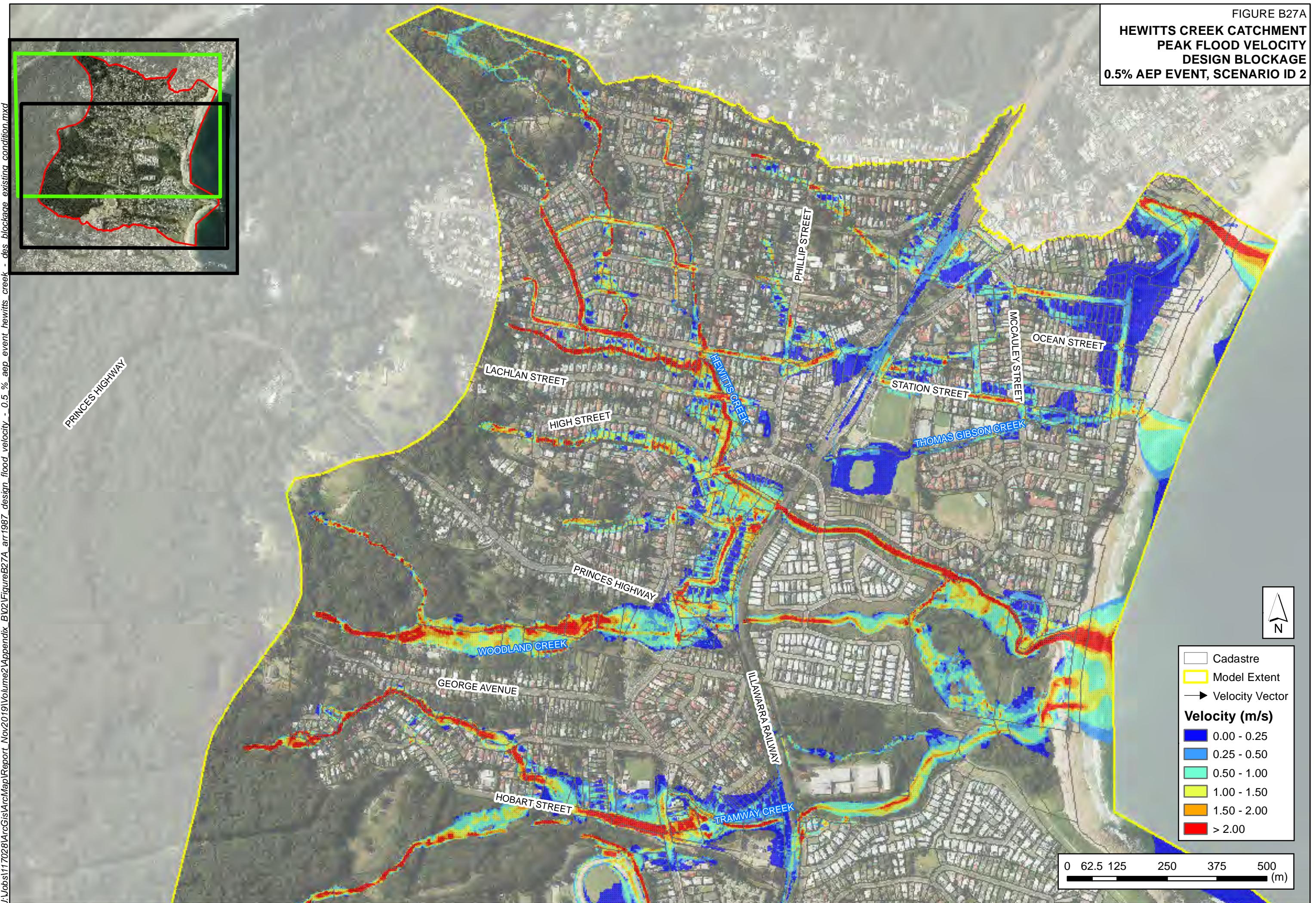


FIGURE B27B

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB27B\arr1987\_design\_flood\_velocity - 0.5 % aep event\_hewitts\_creek - des blockage existing condition.mxd

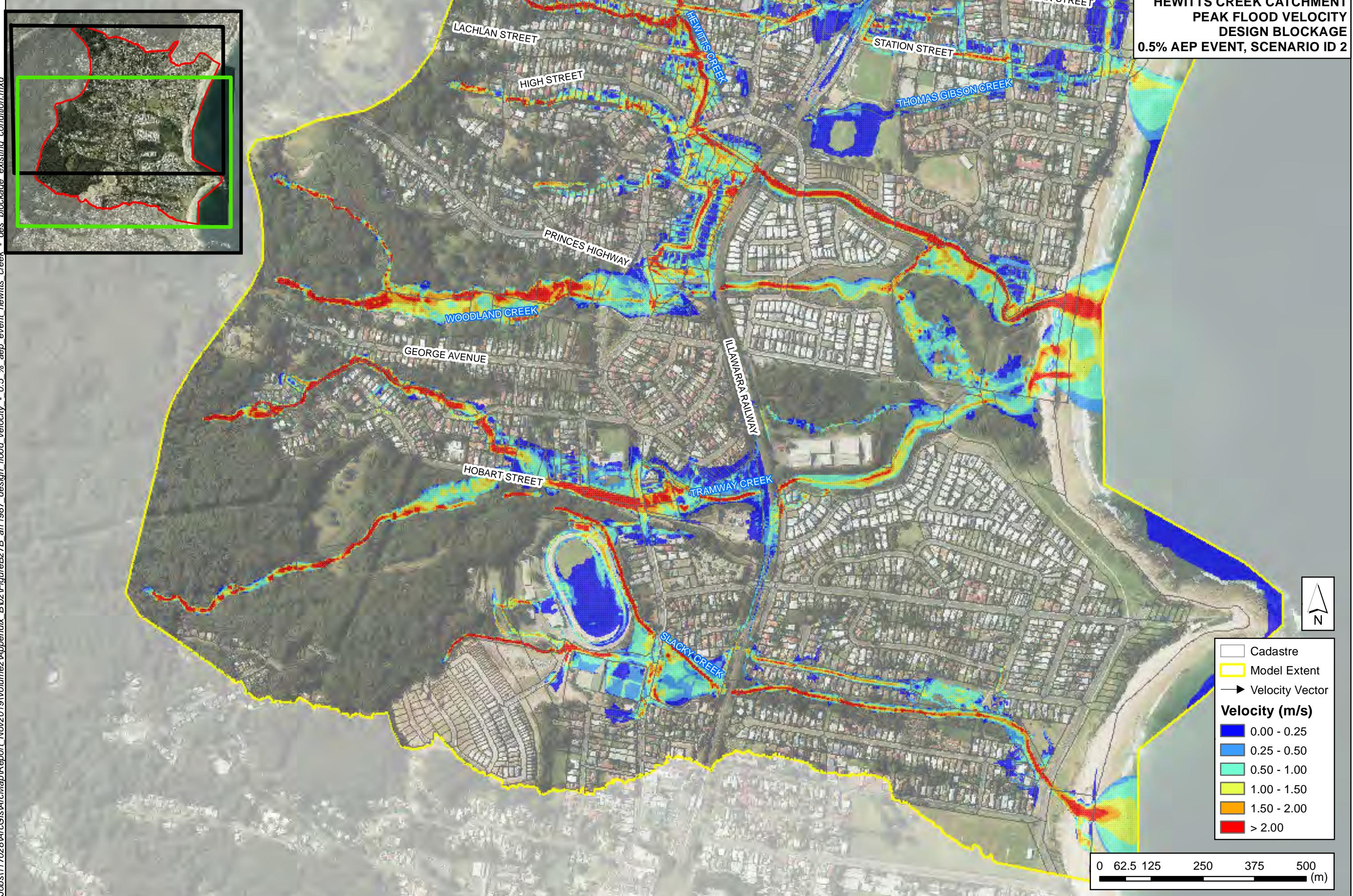


FIGURE B28A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2**

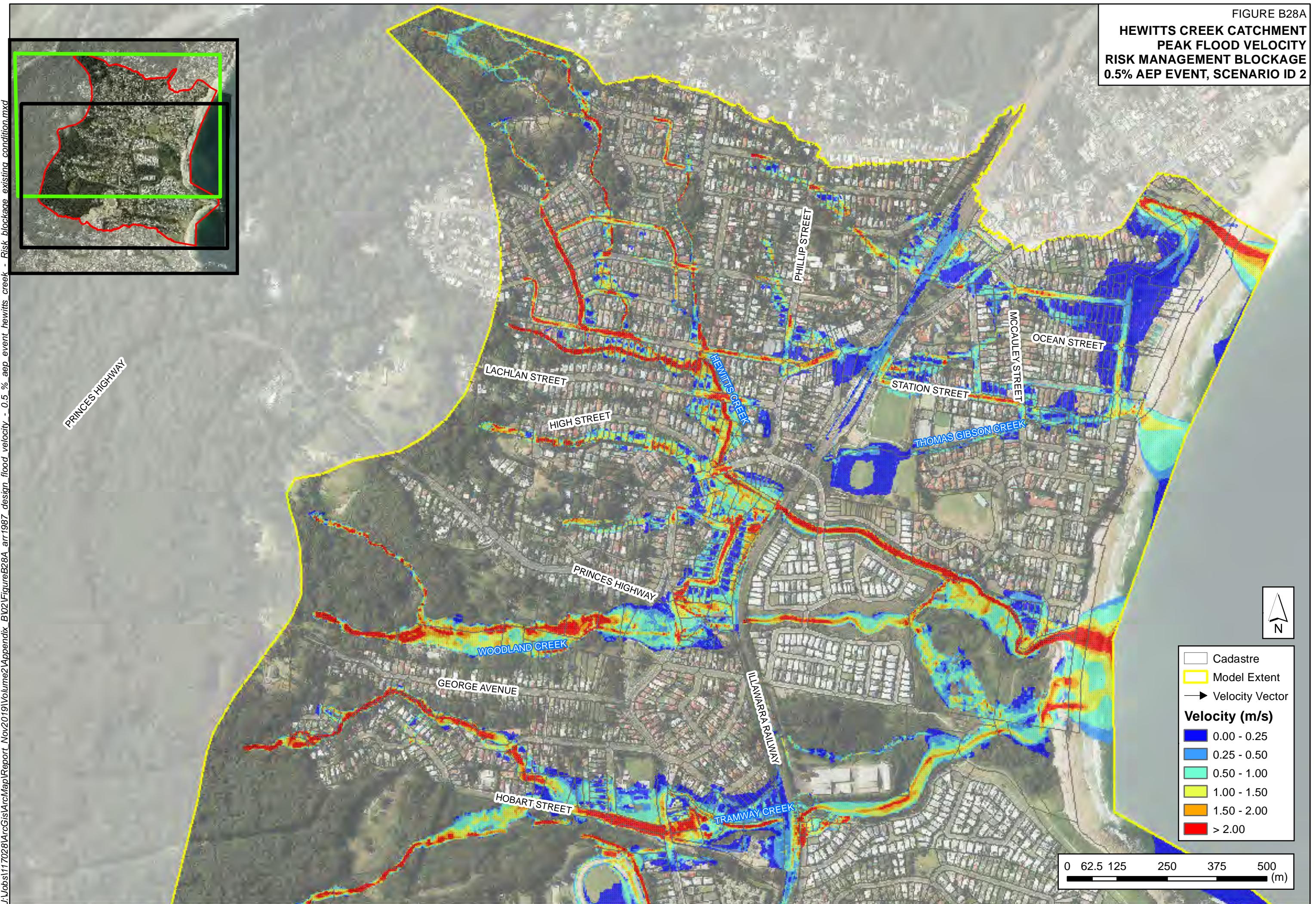


FIGURE B28B

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
0.5% AEP EVENT, SCENARIO ID 2

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB28B\arr1987\_design\_flood\_velocity - 0.5 % aep event\_hewitts\_creek - Risk blockage\_existing condition.mxd

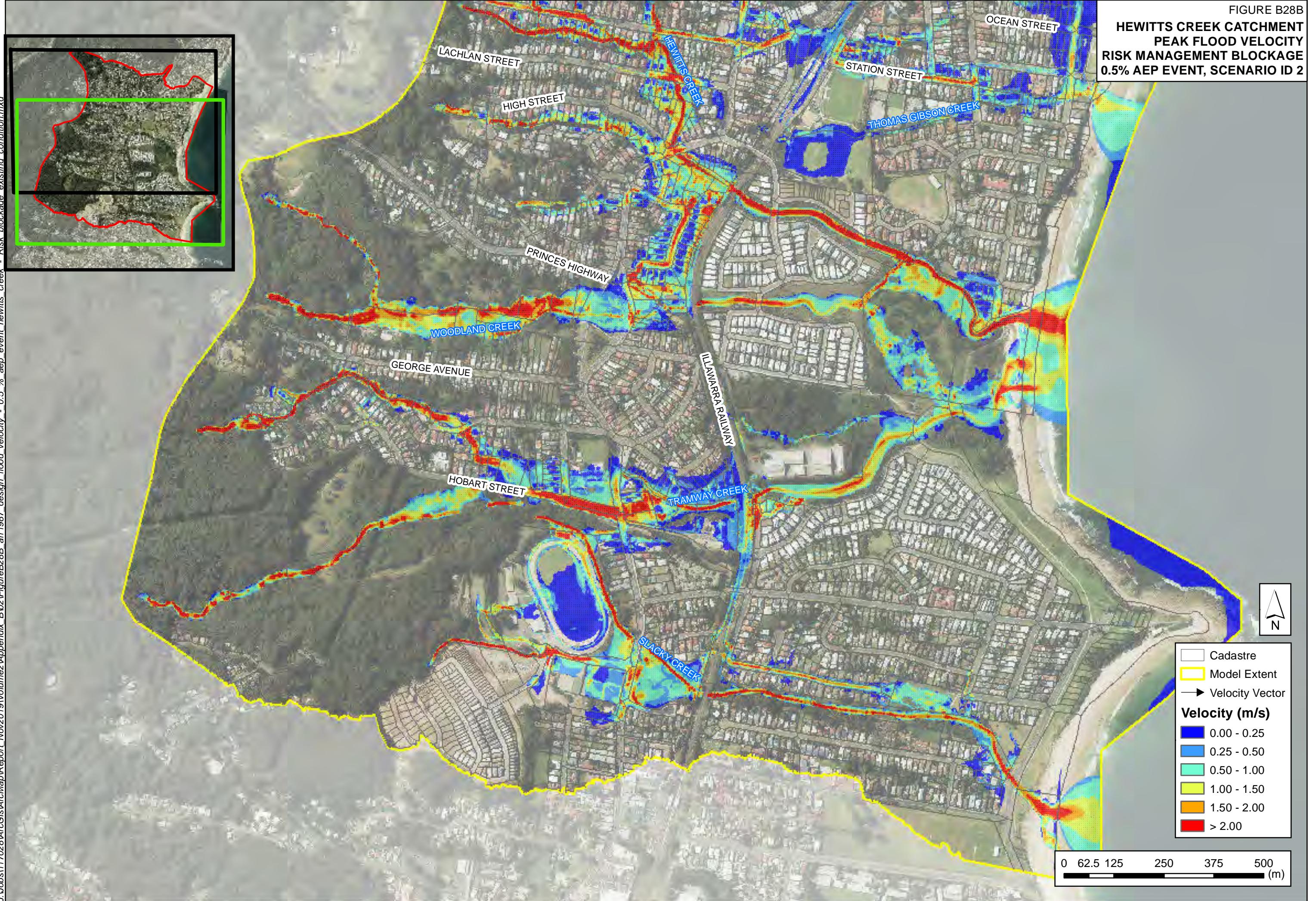


FIGURE B29A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2**

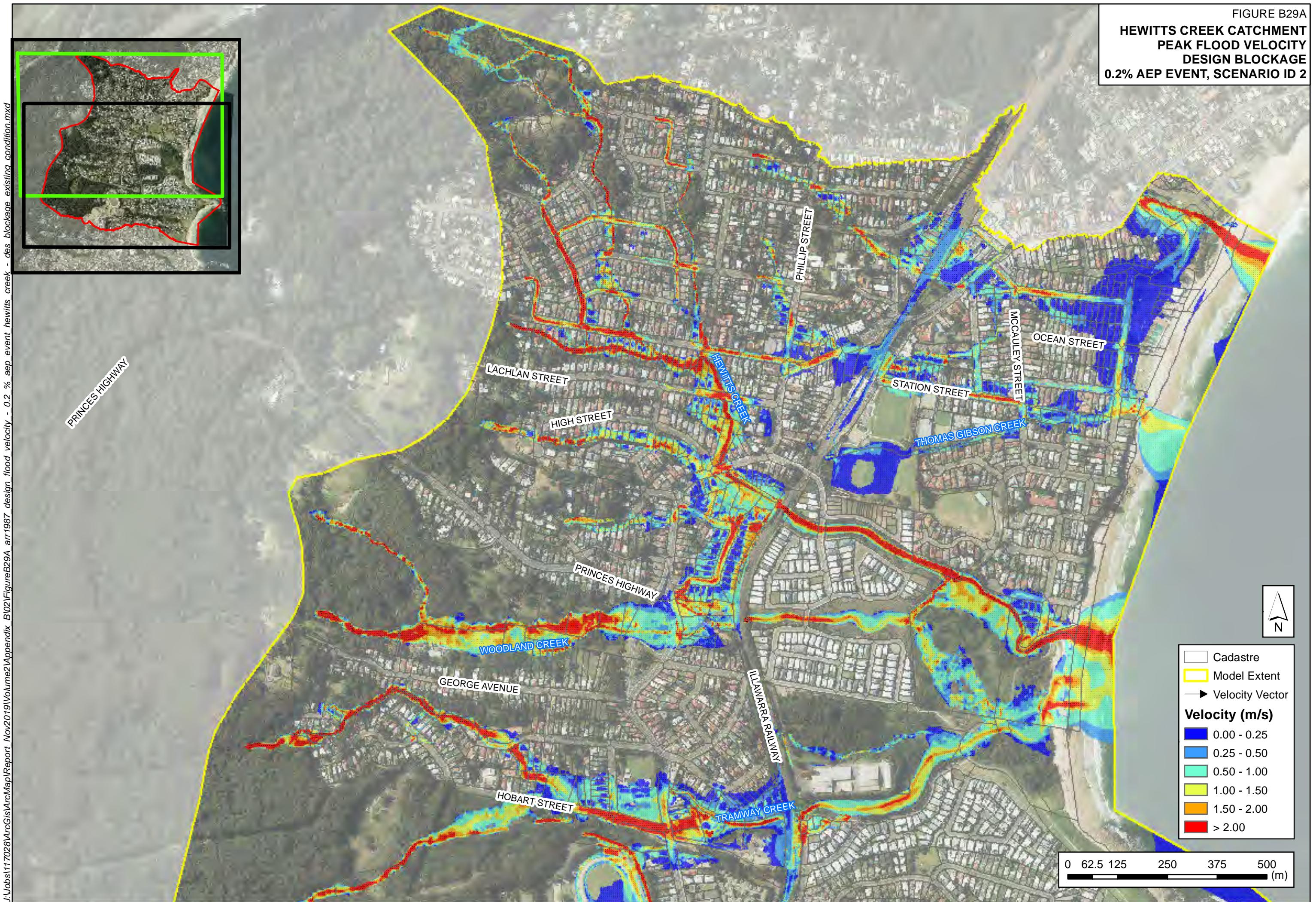


FIGURE B29B

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B02\FigureB29B\arr1987\_design\_flood\_velocity - 0.2 % aep event\_hewitts\_creek - des blockage existing condition.mxd

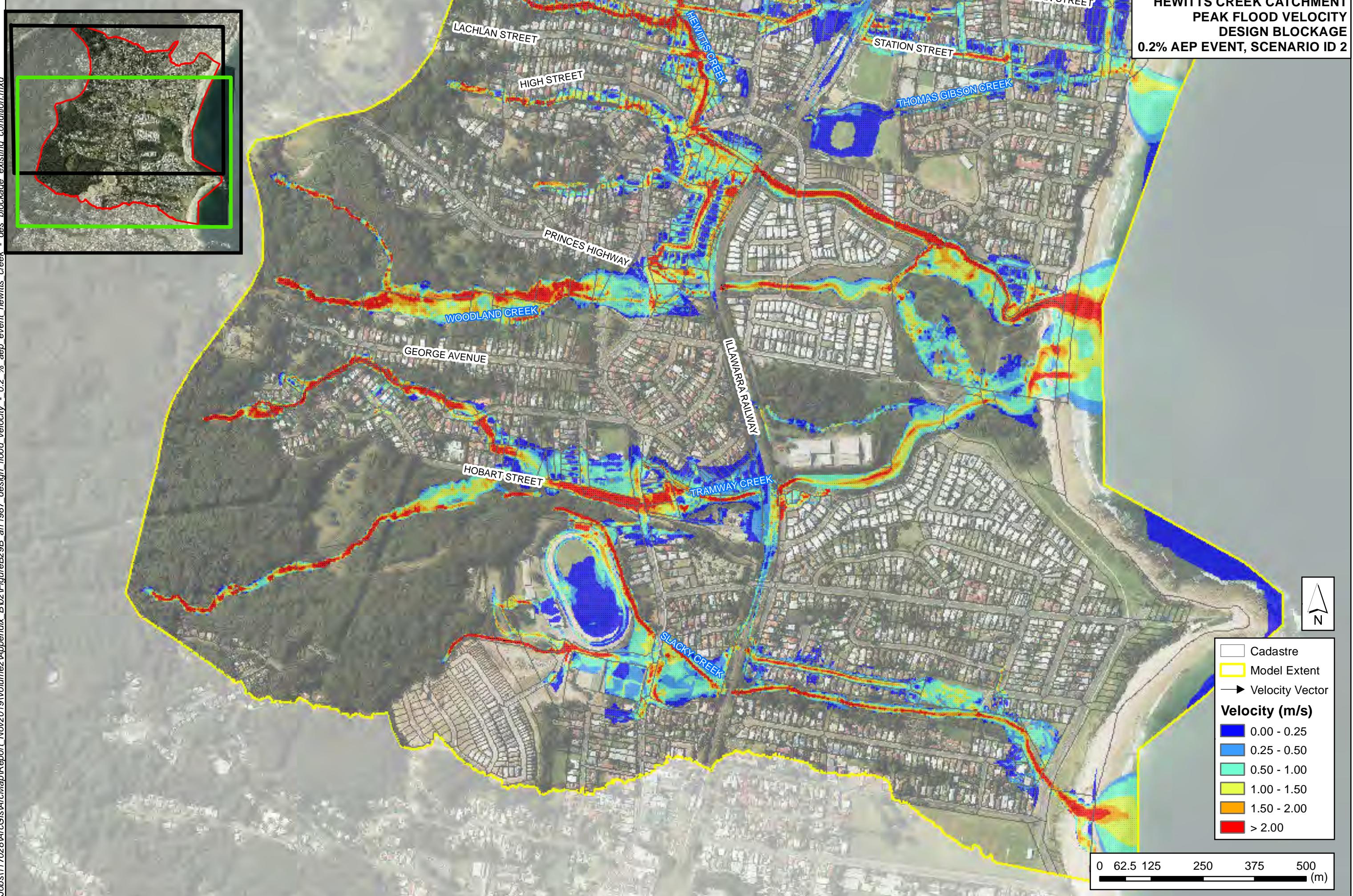


FIGURE B30A

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2

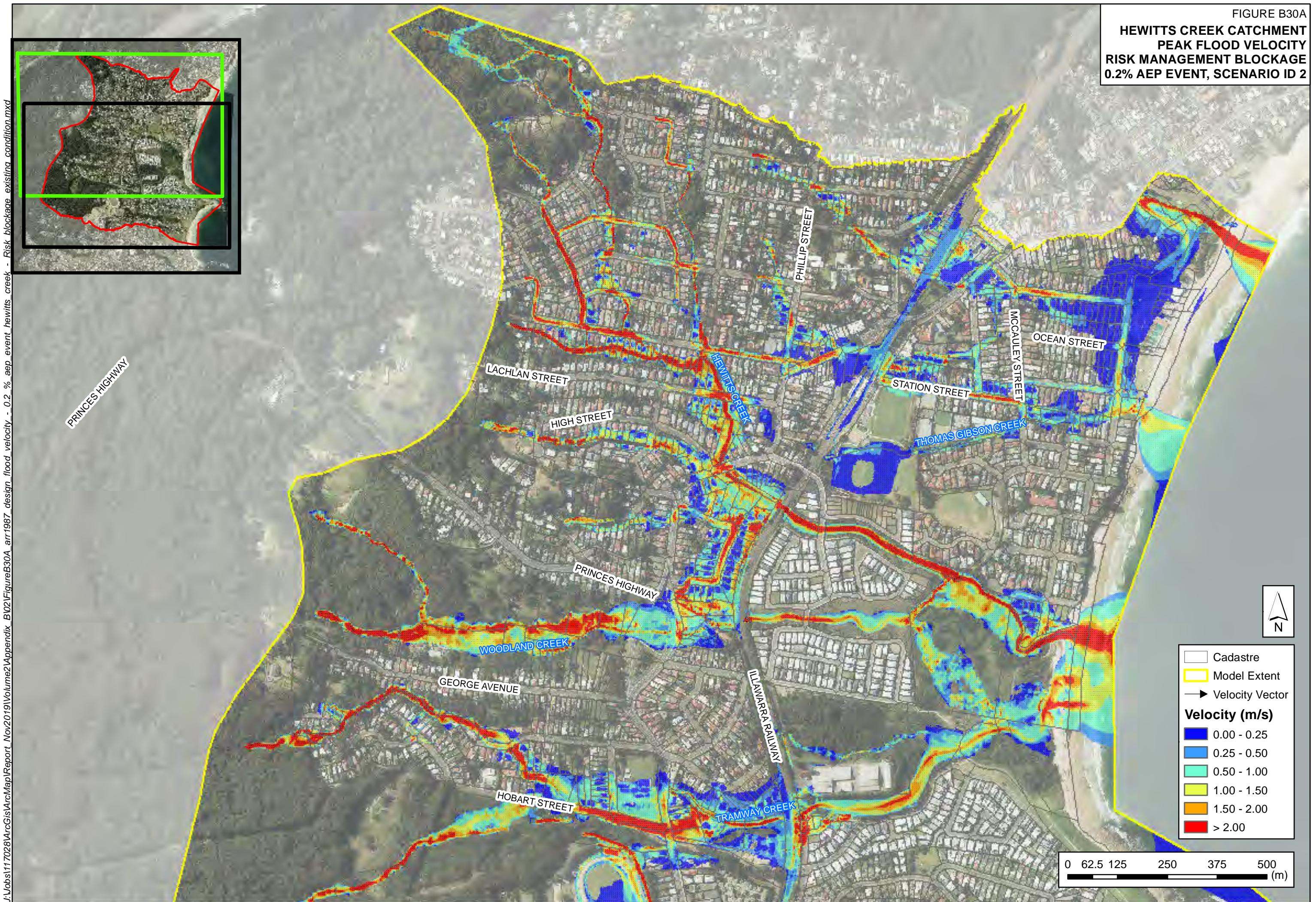


FIGURE B30B

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
0.2% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B03F\figureB30B.mxd

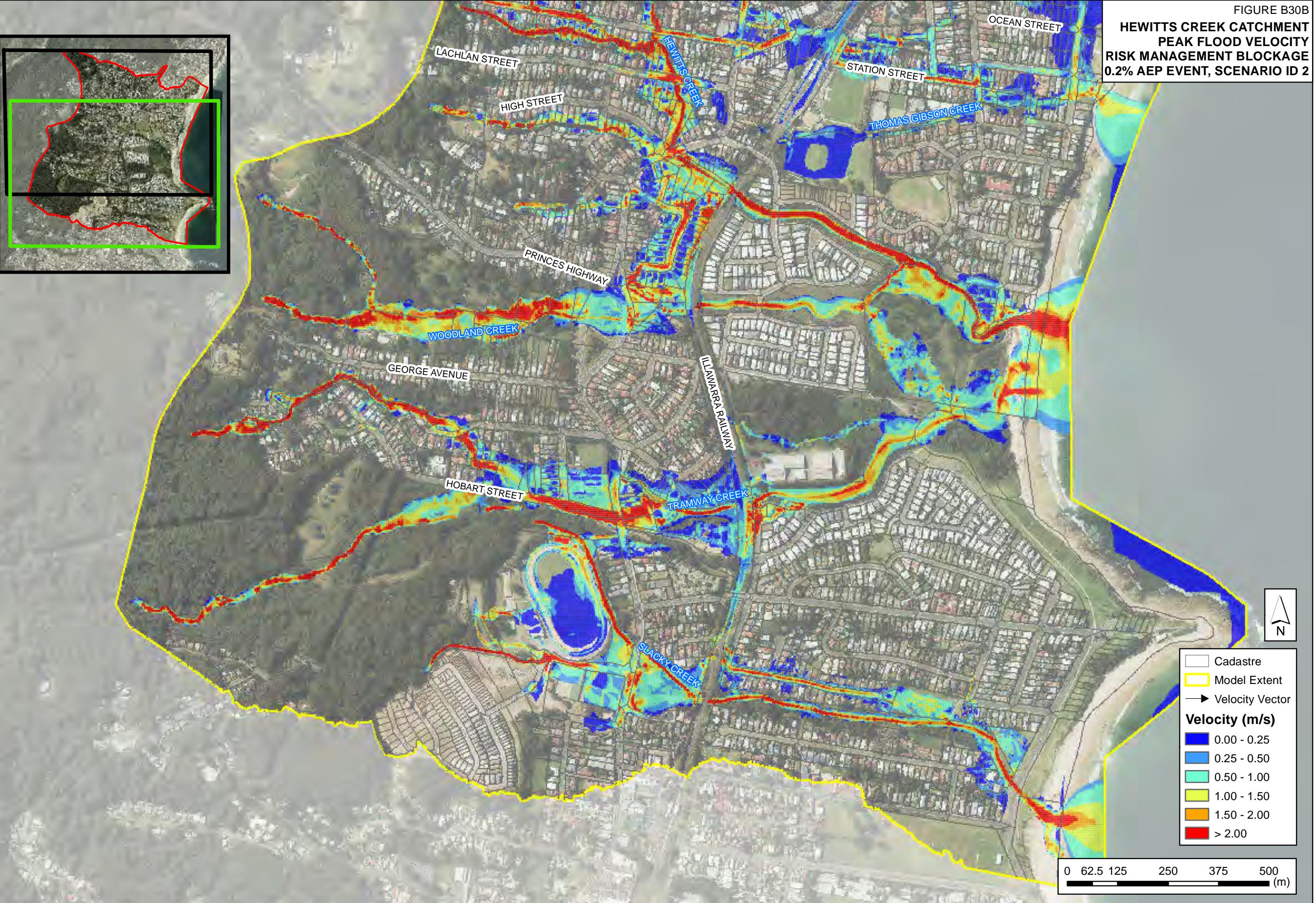


FIGURE B31A

**HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

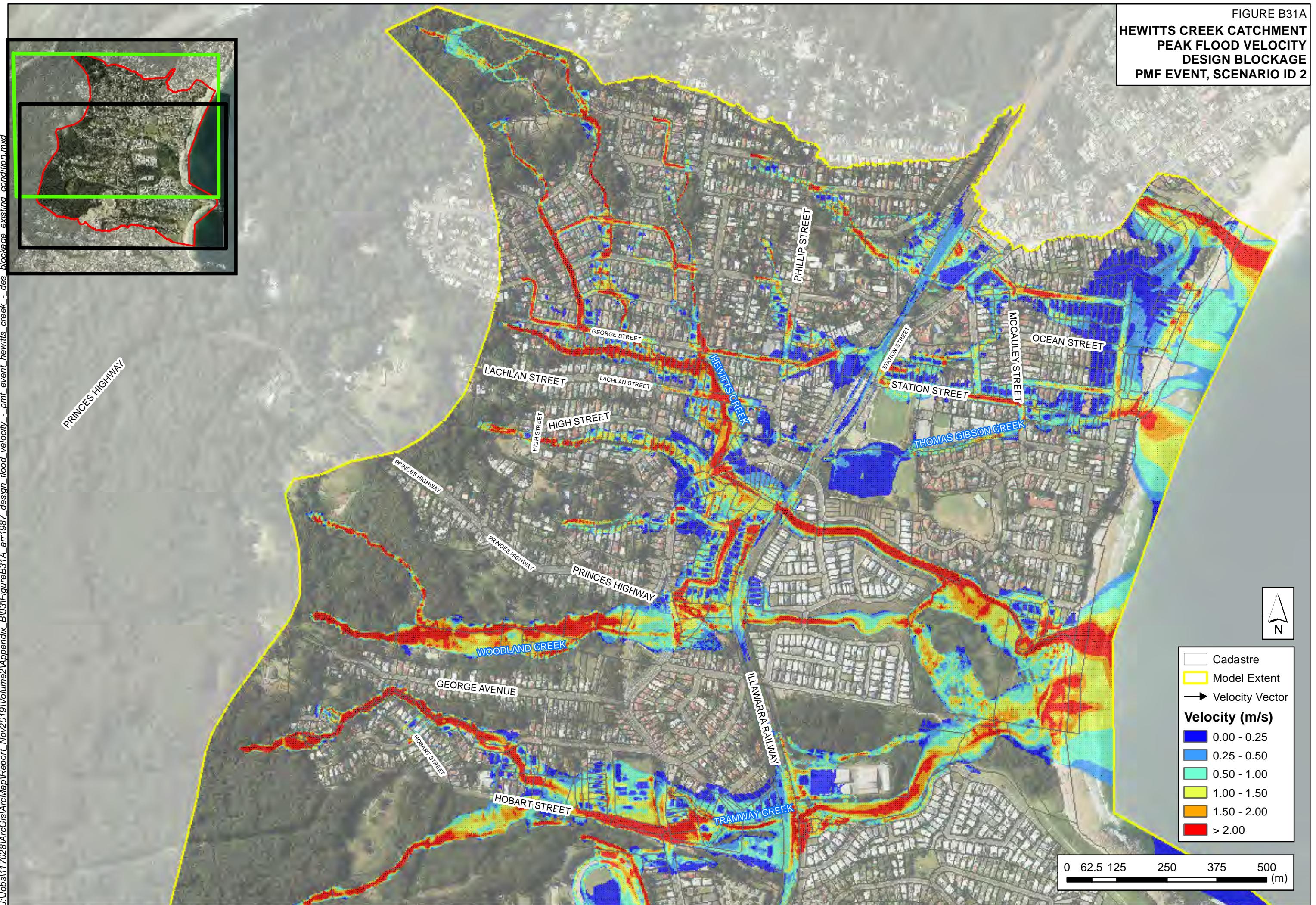


FIGURE B31B

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B03F\figureB31B.mxd

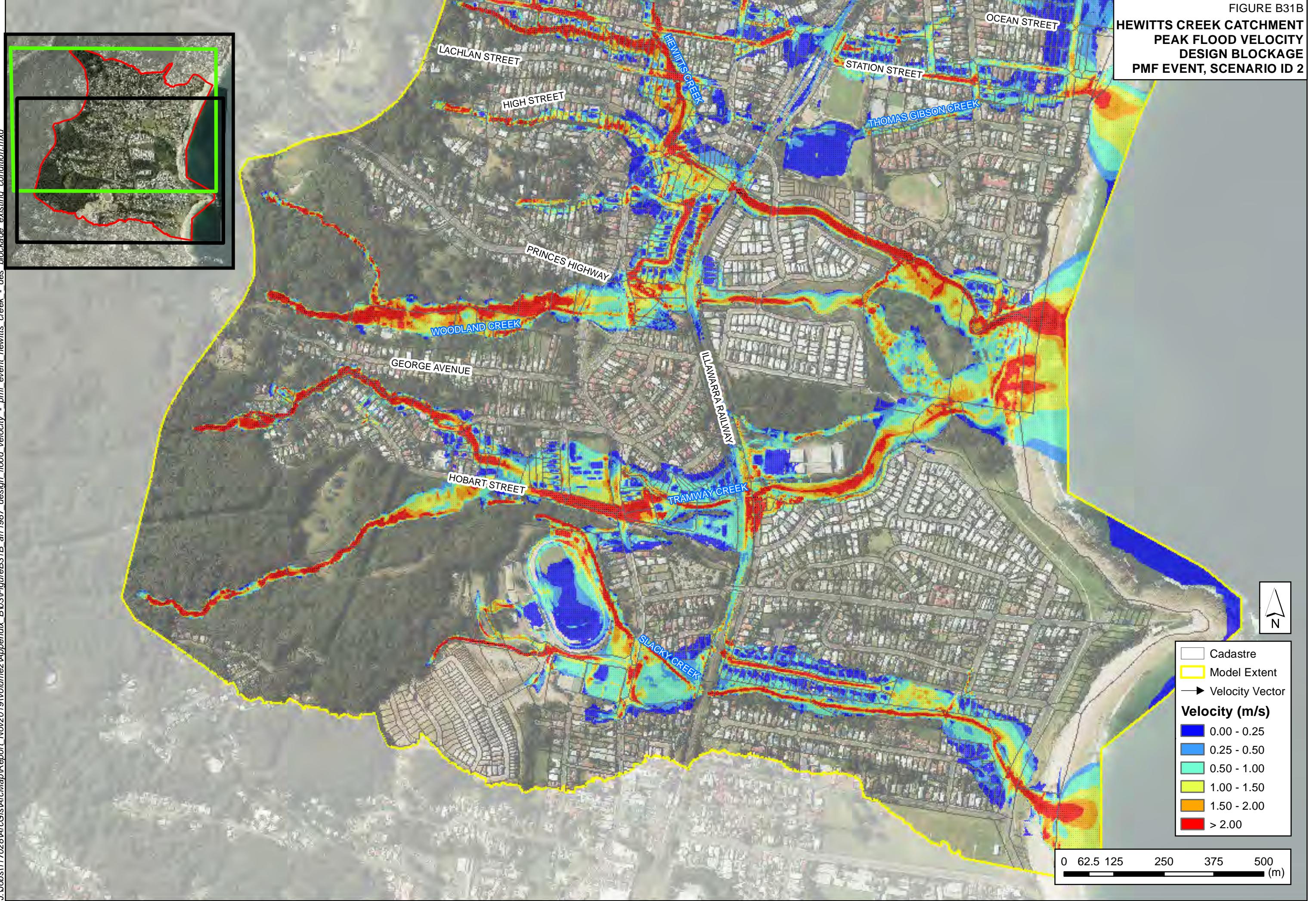


FIGURE B32A

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B03\FigureB32A.mxd

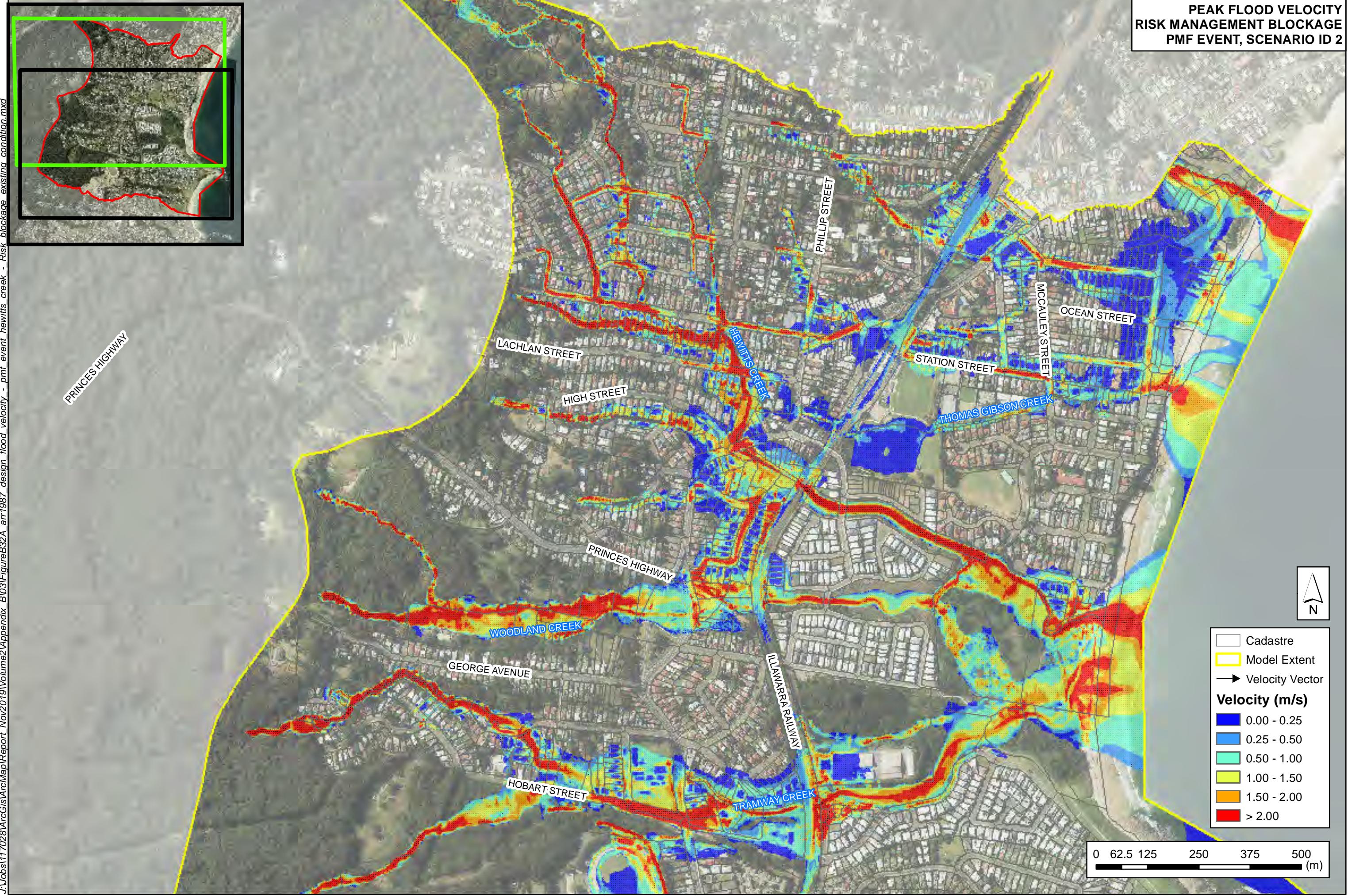


FIGURE B32B

HEWITTS CREEK CATCHMENT  
PEAK FLOOD VELOCITY  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B03\FigureB32B.mxd - Risk blockade existing condition.mxd

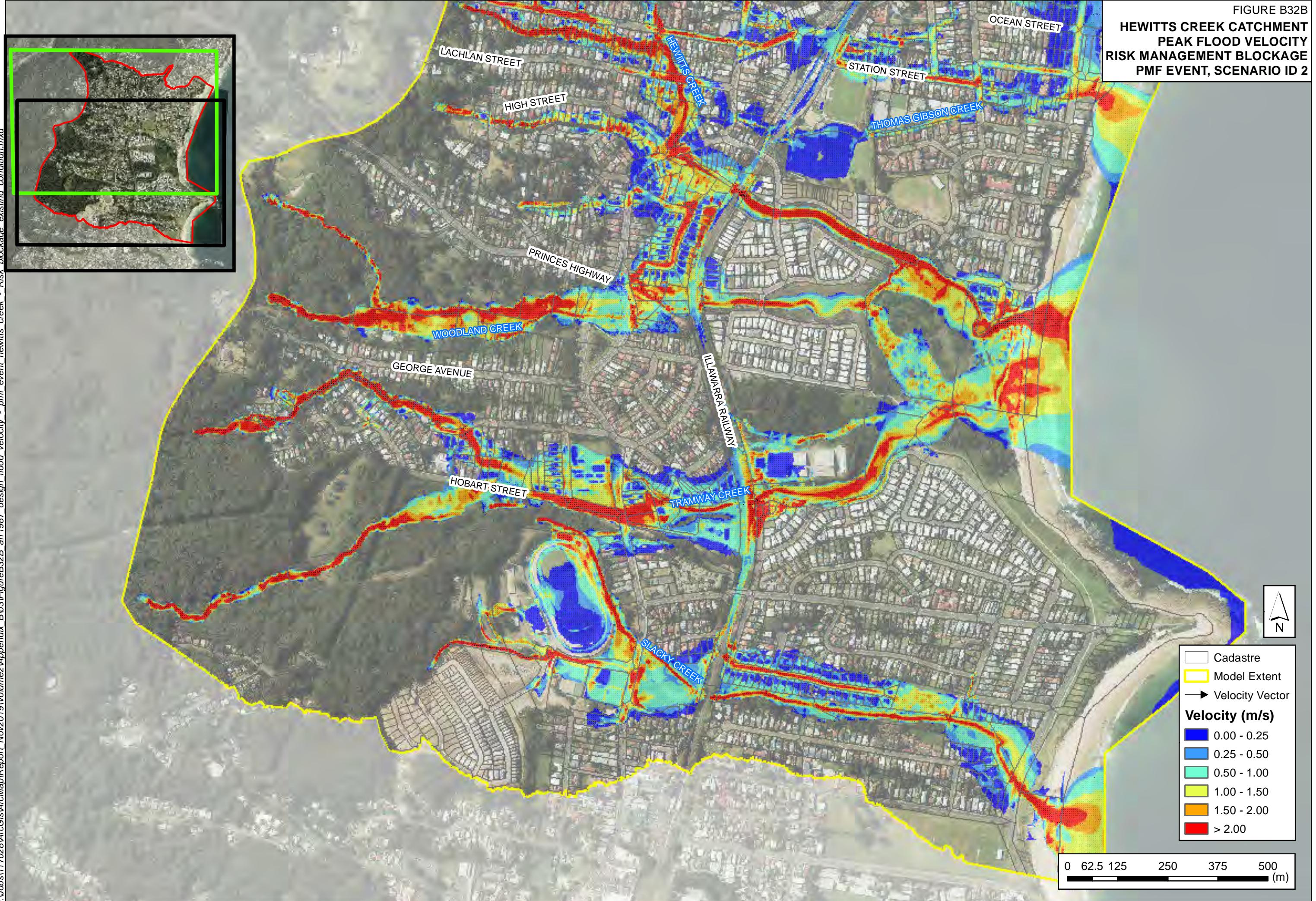


FIGURE B33A

**HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

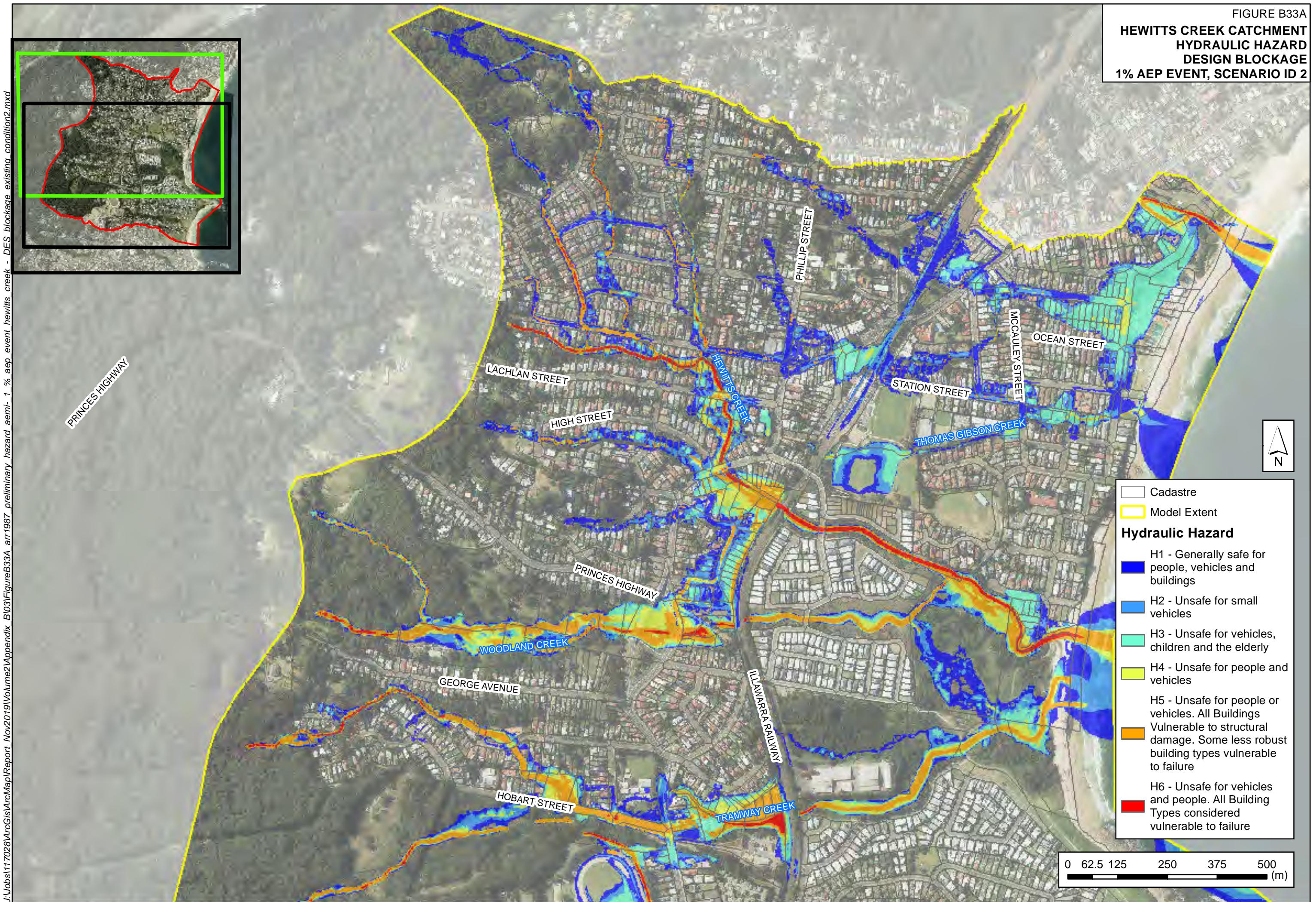


FIGURE B33B

**HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B03\FigureB33B\_ar1987\_preliminary hazard\_aem1\_1 % aep event\_hewitts creek - DES blockage existing condition2.mxd

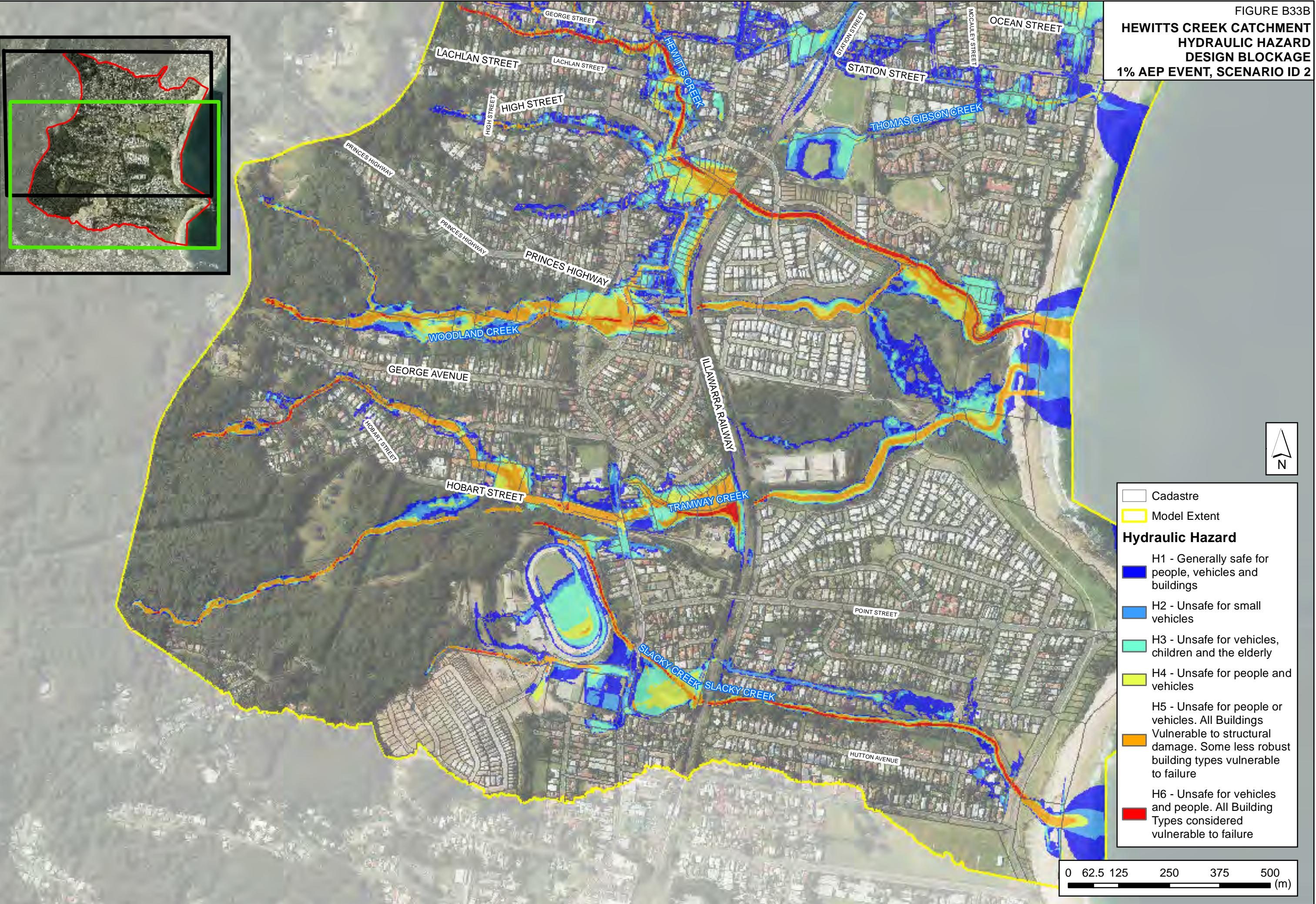


FIGURE B34A

**HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

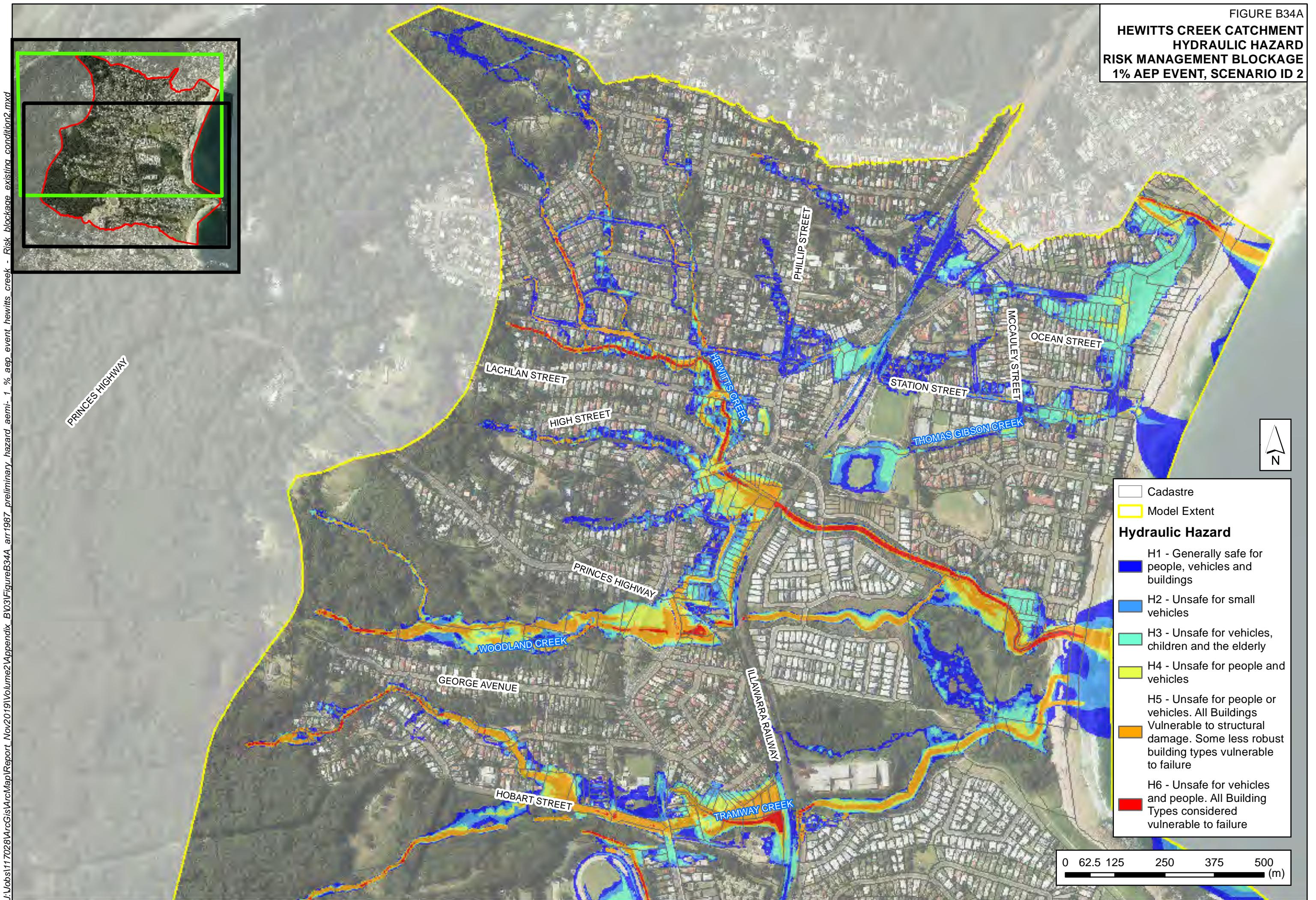


FIGURE B34B

**HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

J:\Jobs\117028\ArcGIS\ArcMap\Report Nov2019\Volume2\Appendix B03\FigureB34B.mxd

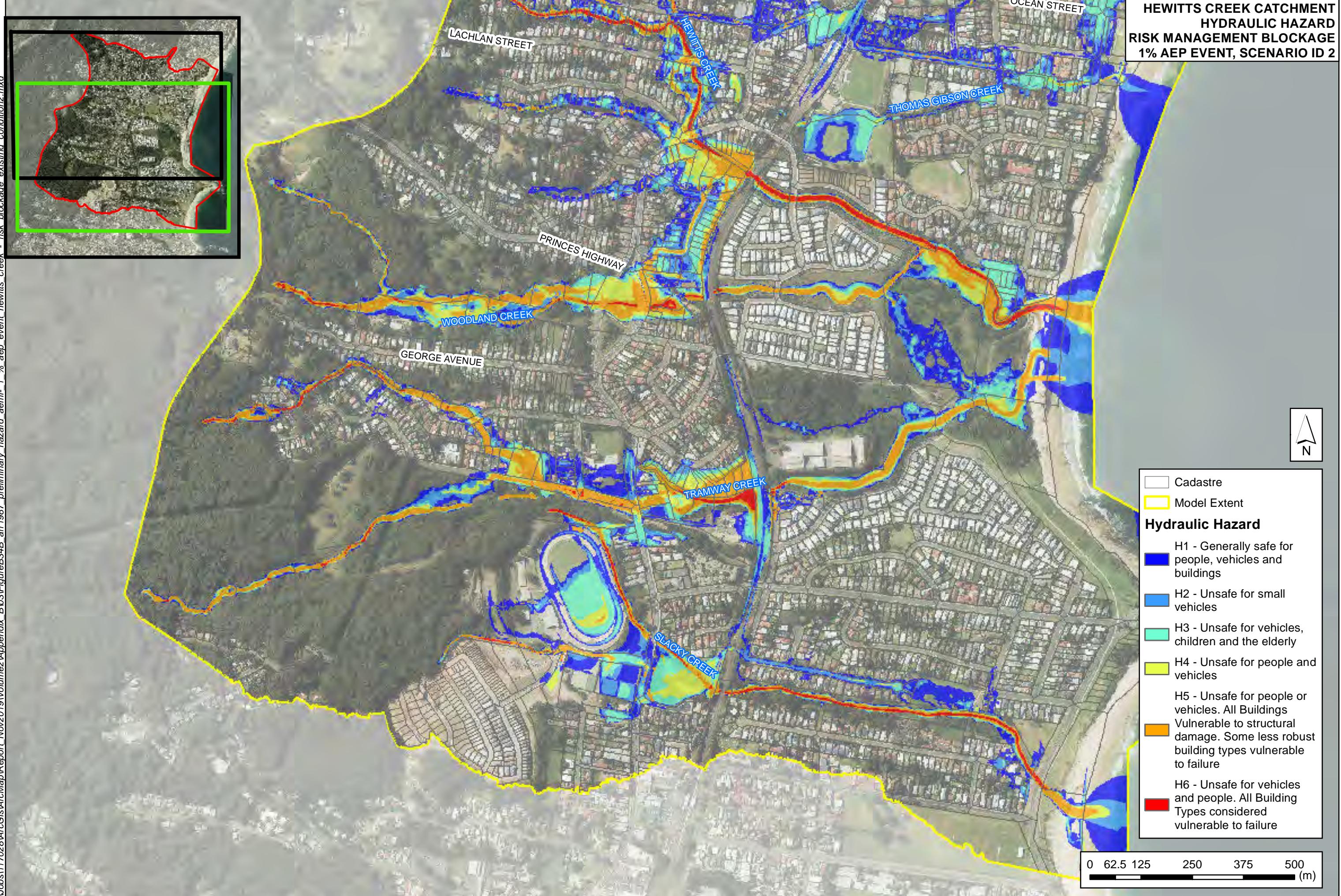


FIGURE B35A

**HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

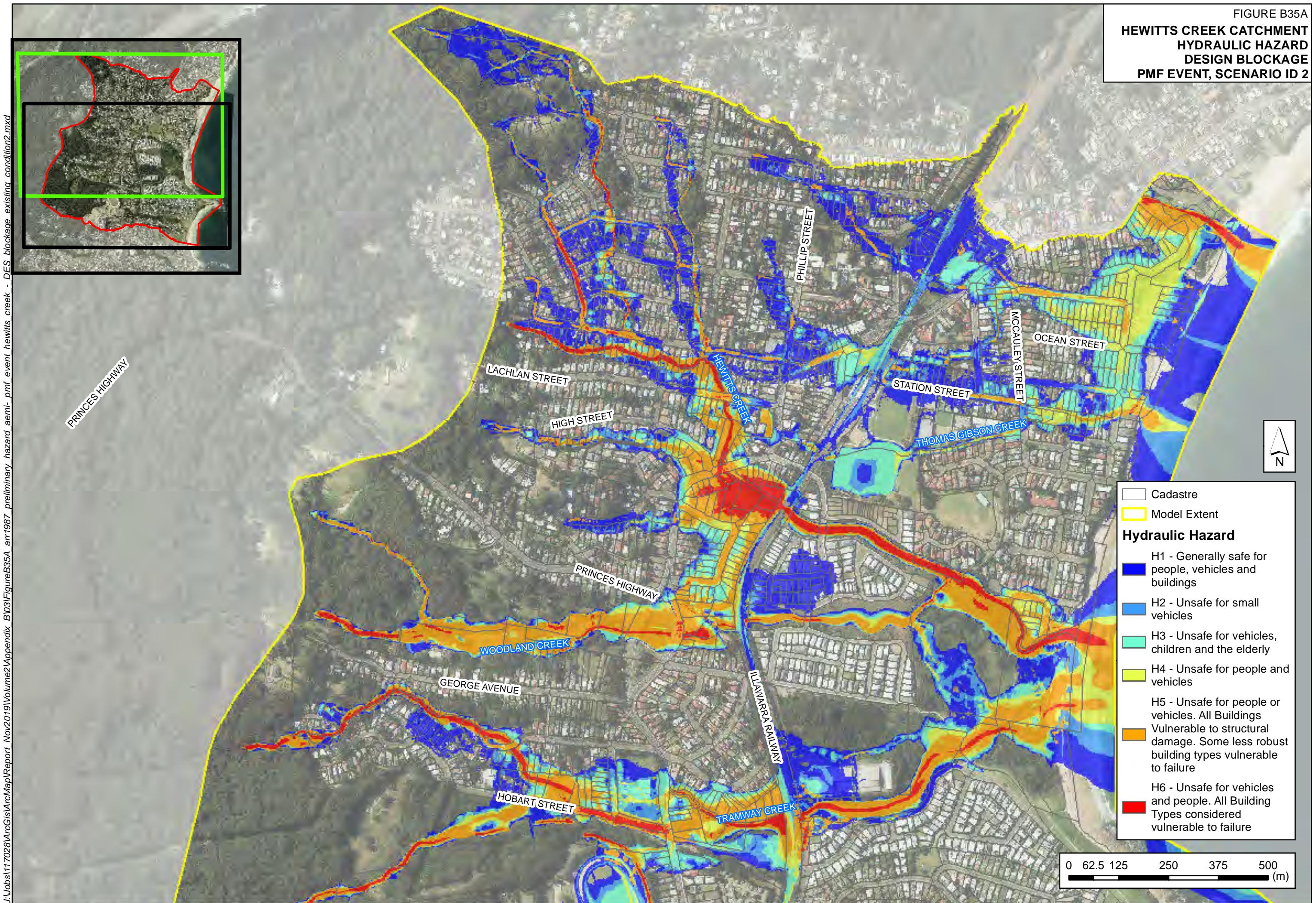


FIGURE B35B  
HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2

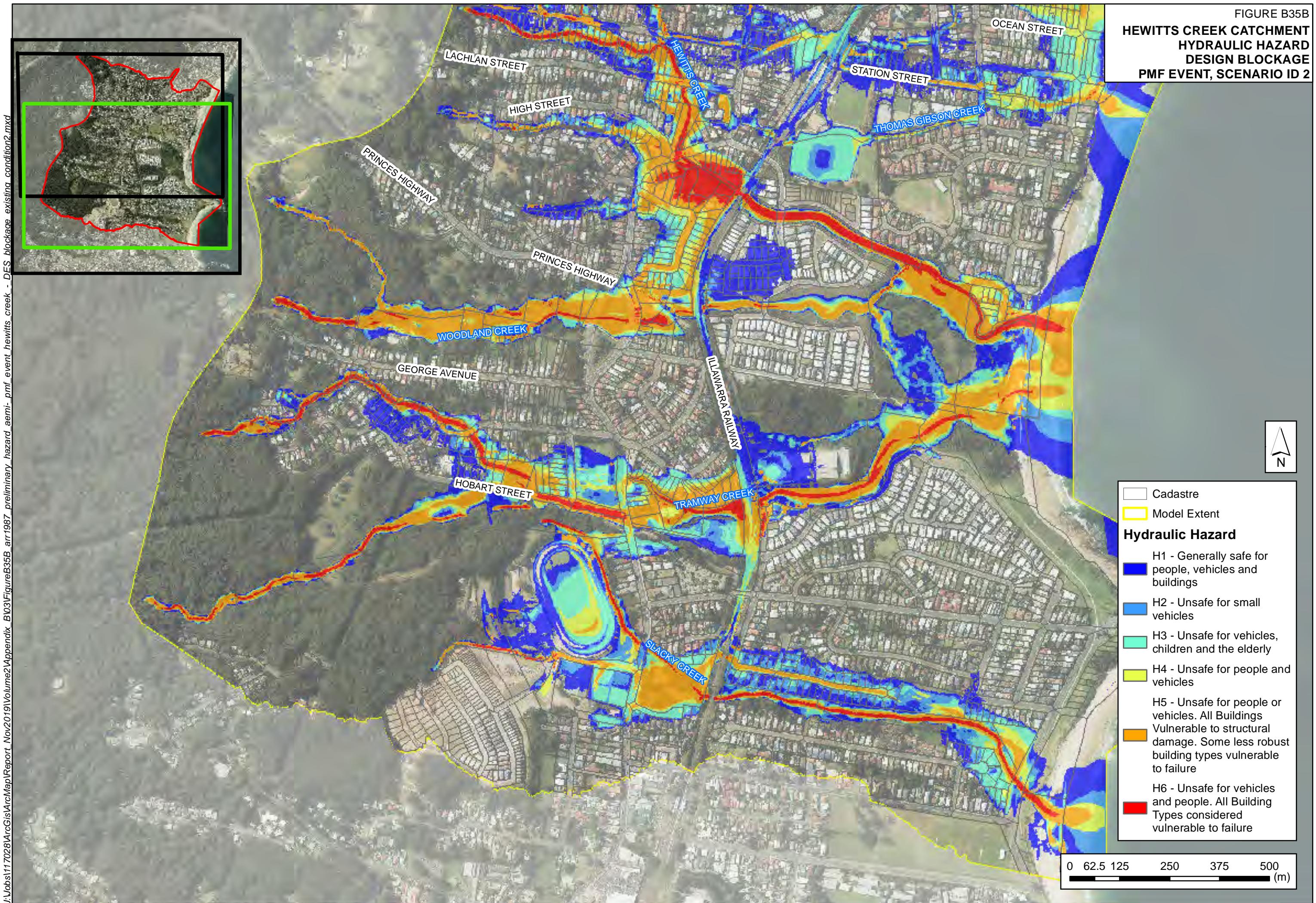


FIGURE B36A

**HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

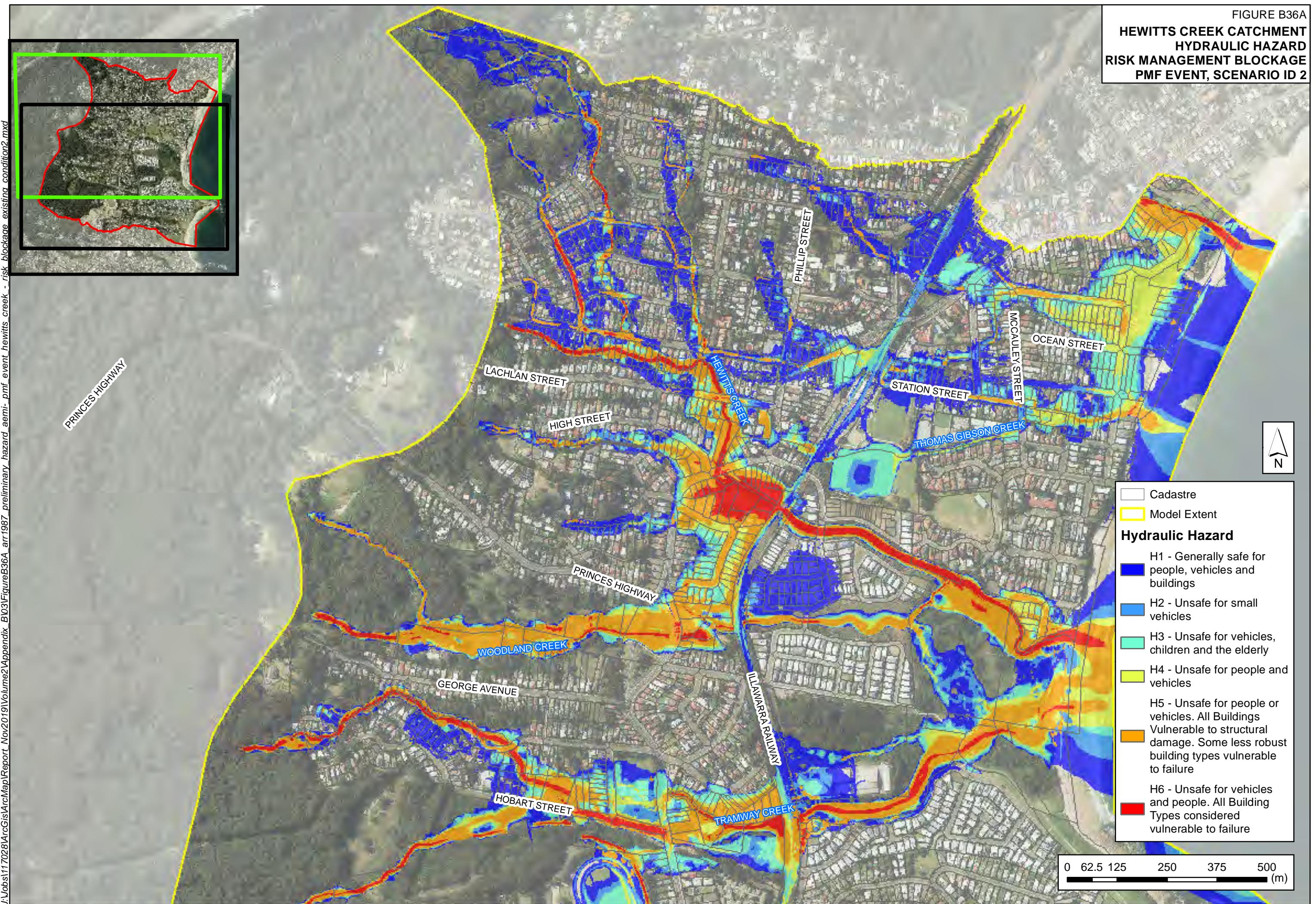
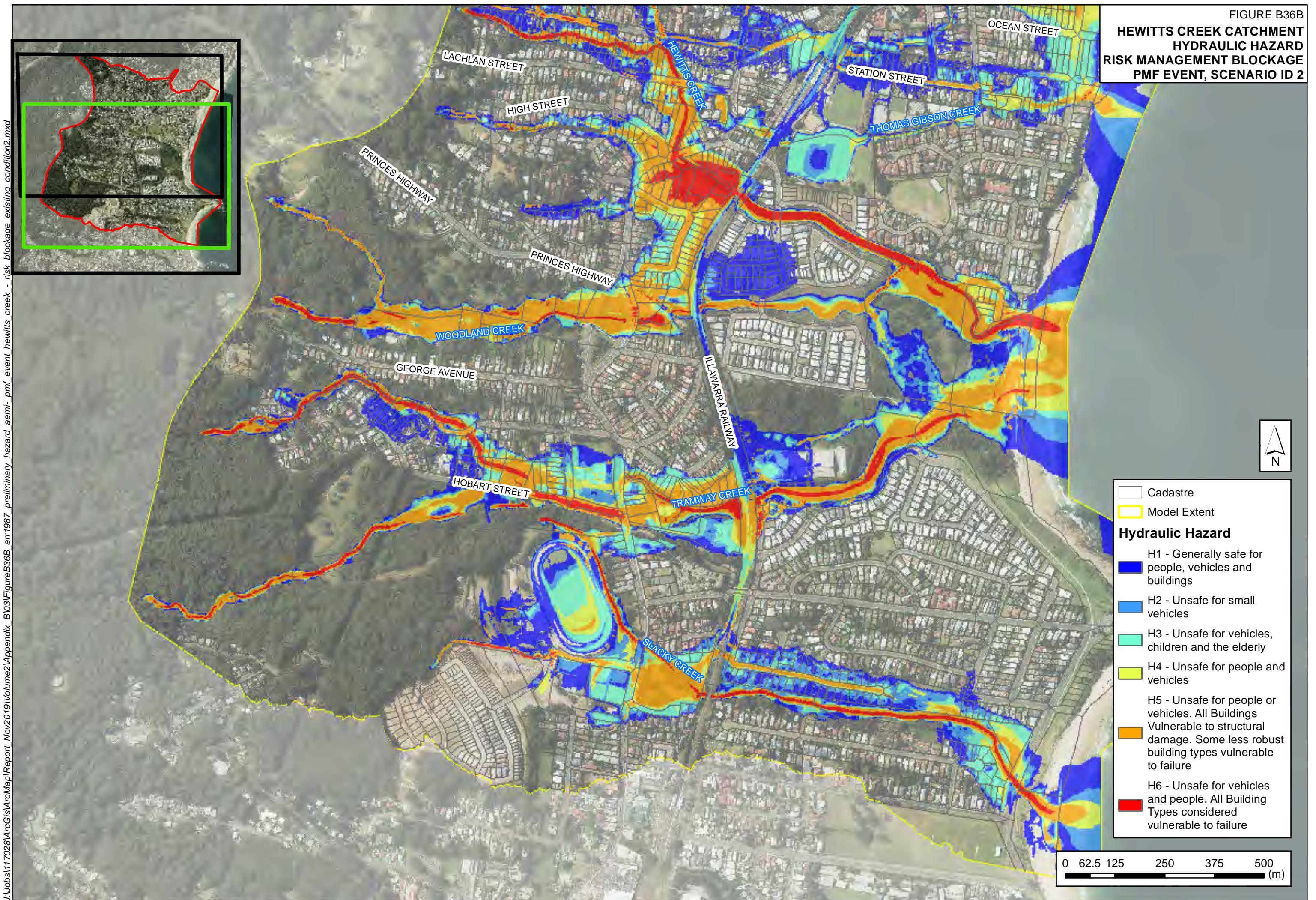


FIGURE B36B

**HEWITTS CREEK CATCHMENT  
HYDRAULIC HAZARD  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2**





Map Set C

FIGURE C1A

HEWITTS CREEK CATCHMENT  
IMPACT OF SEA LEVEL RISE 0.4M  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2

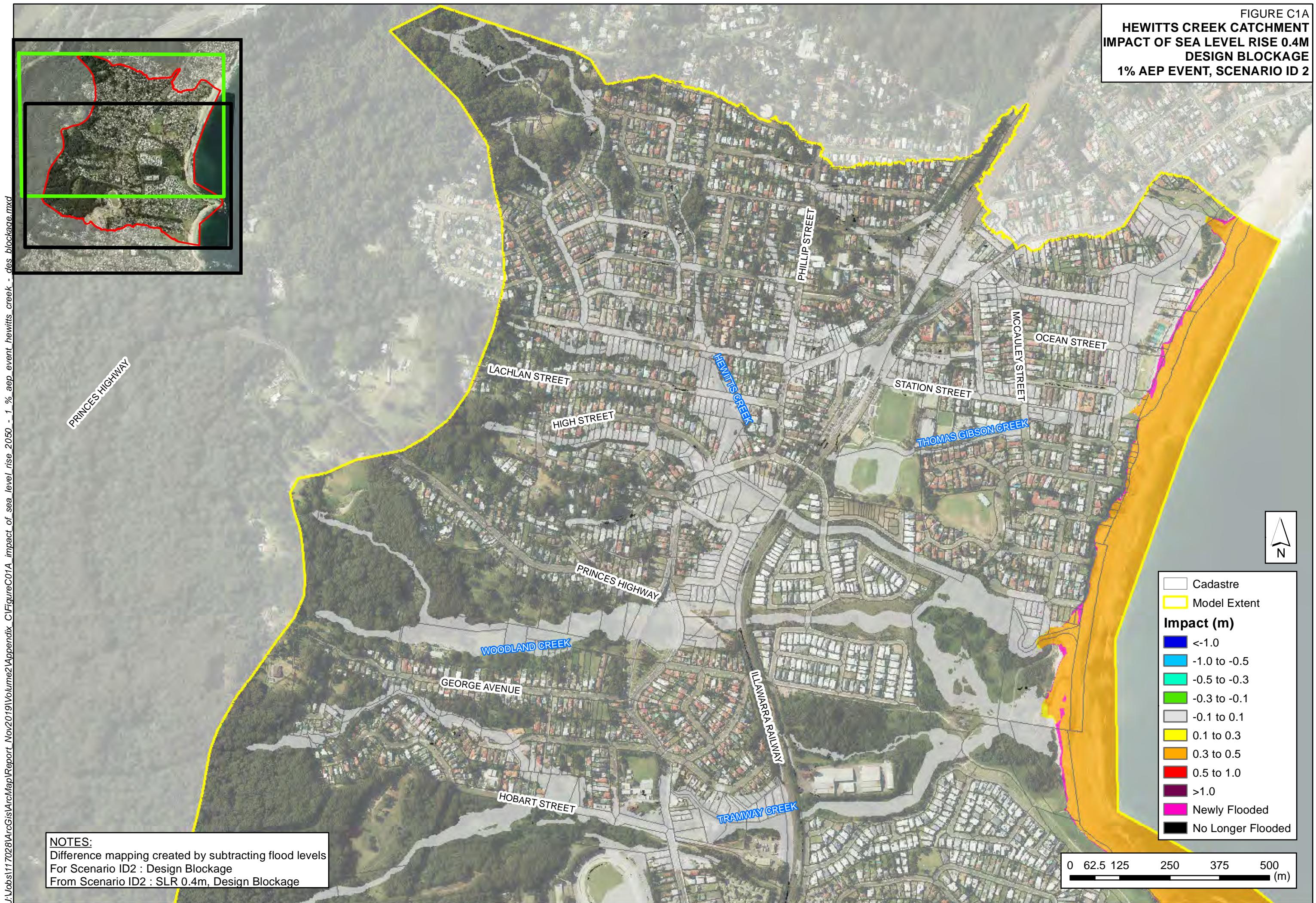


FIGURE C1B

**HEWITTS CREEK CATCHMENT  
IMPACT OF SEA LEVEL RISE 0.4M  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

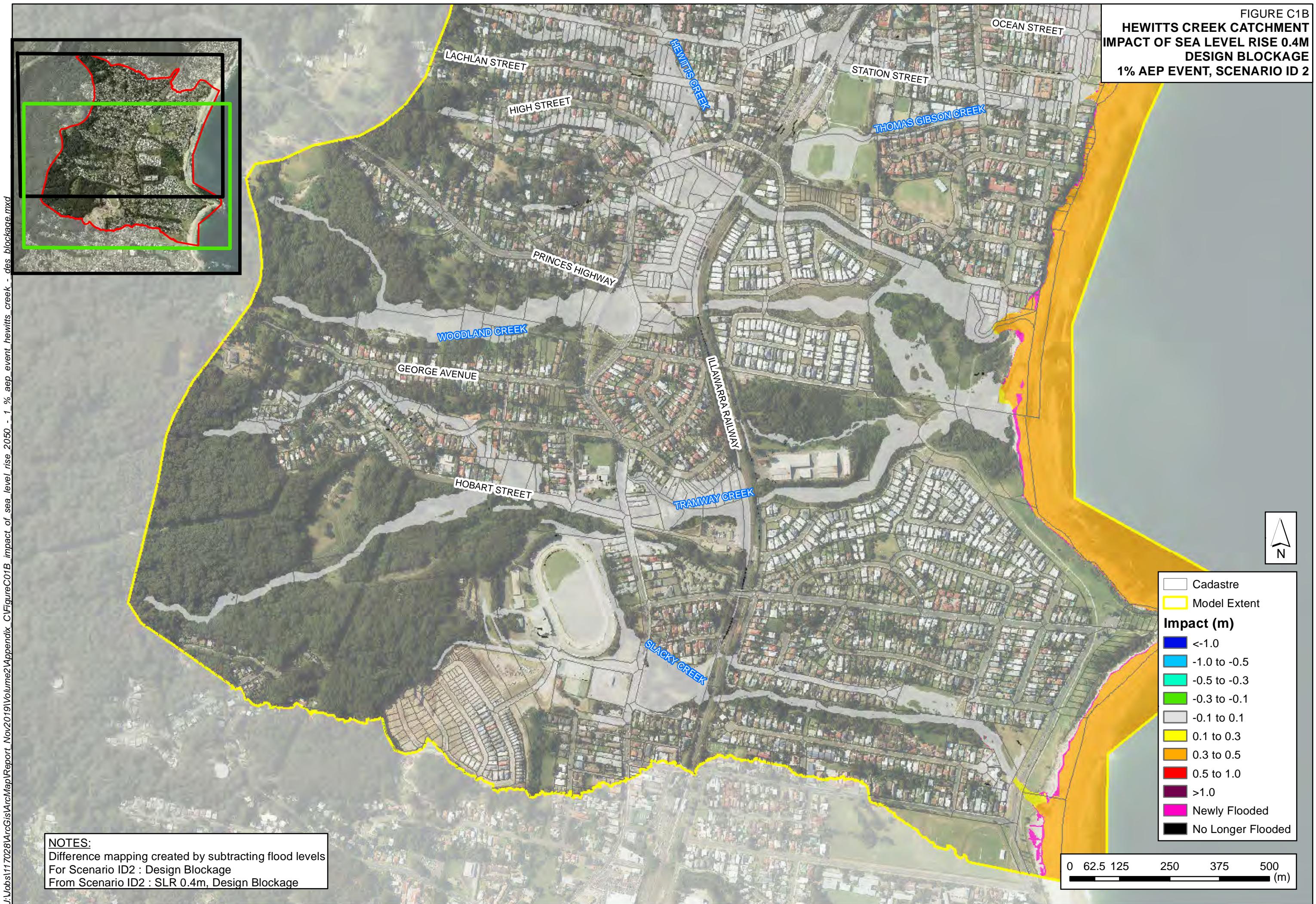


FIGURE C2A

**HEWITTS CREEK CATCHMENT  
IMPACT OF SEA LEVEL RISE 0.4M  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

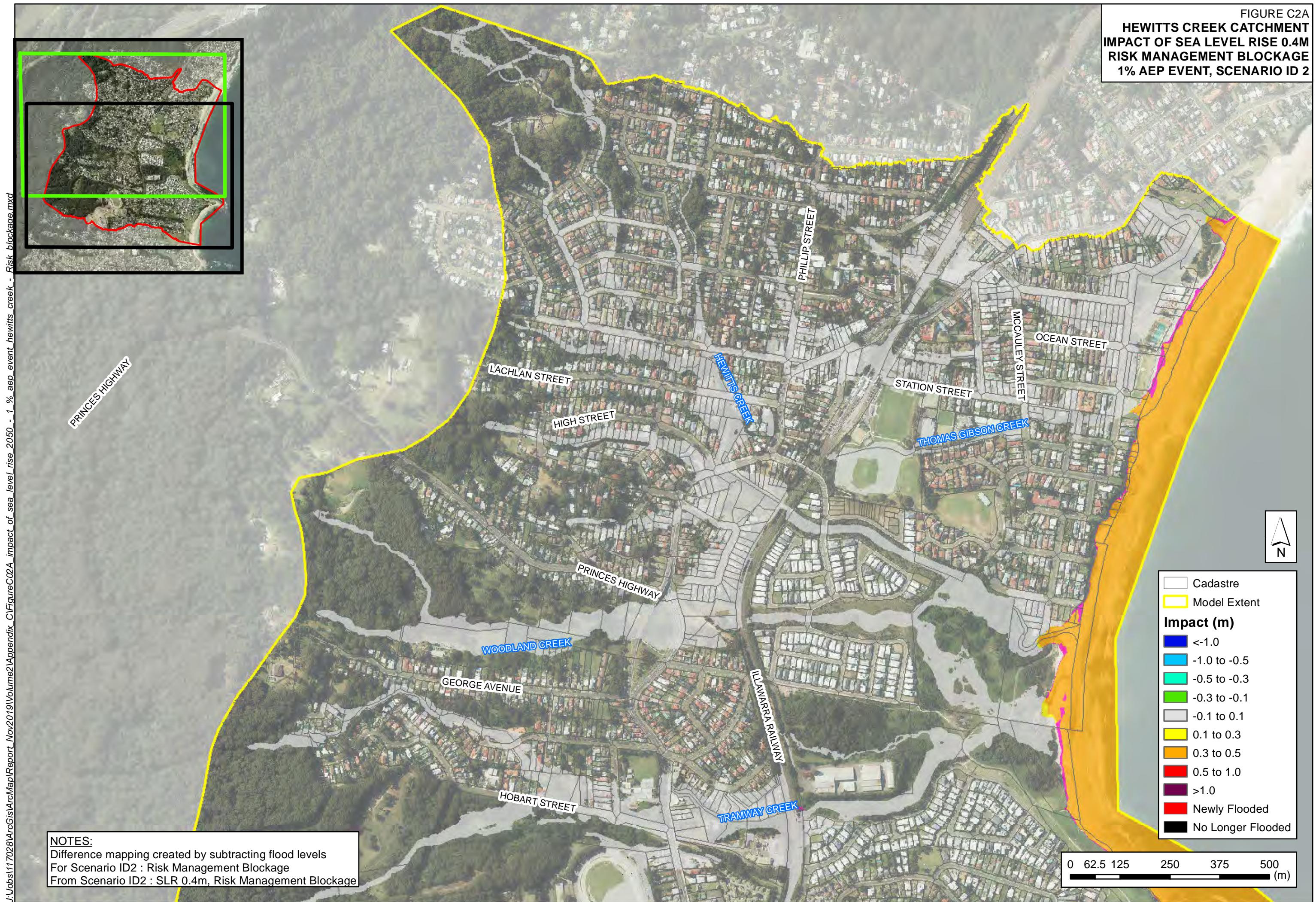
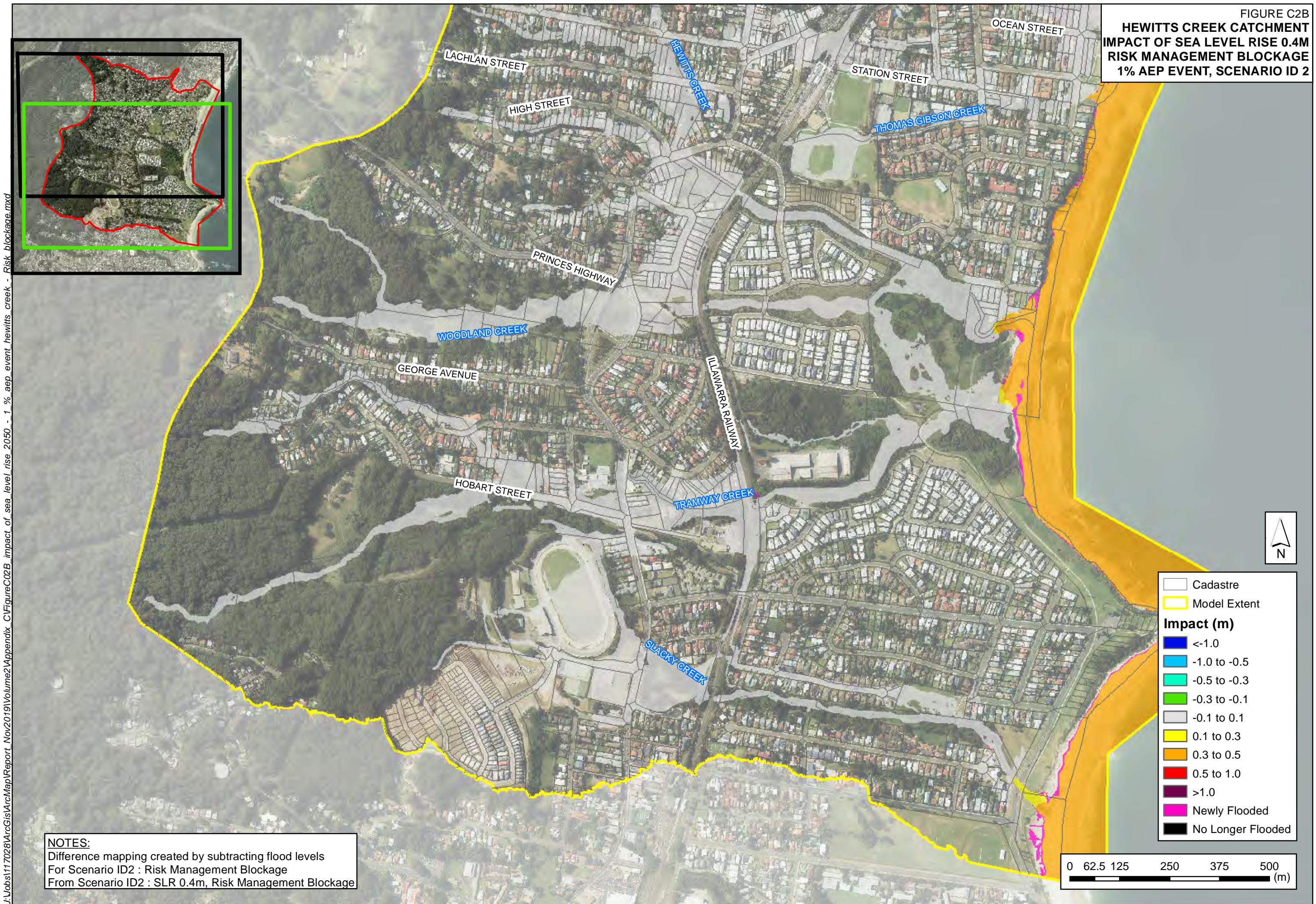


FIGURE C2B

**HEWITTS CREEK CATCHMENT  
IMPACT OF SEA LEVEL RISE 0.4M  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**



## FIGURE C3A

# HEWITTS CREEK CATCHMENT IMPACT OF SEA LEVEL RISE 0.9M DESIGN BLOCKAGE 1% AEP EVENT, SCENARIO ID 2

J:\VJobs\117022\ArcGIS\ArcMap\Report\_Nov2019\Volume2\Appendix\_C\FigureC03A\impact\_of\_sea\_level\_rise\_2100 - 1 %\_aep\_event\_hewitts\_creek - des\_blockage.mxd

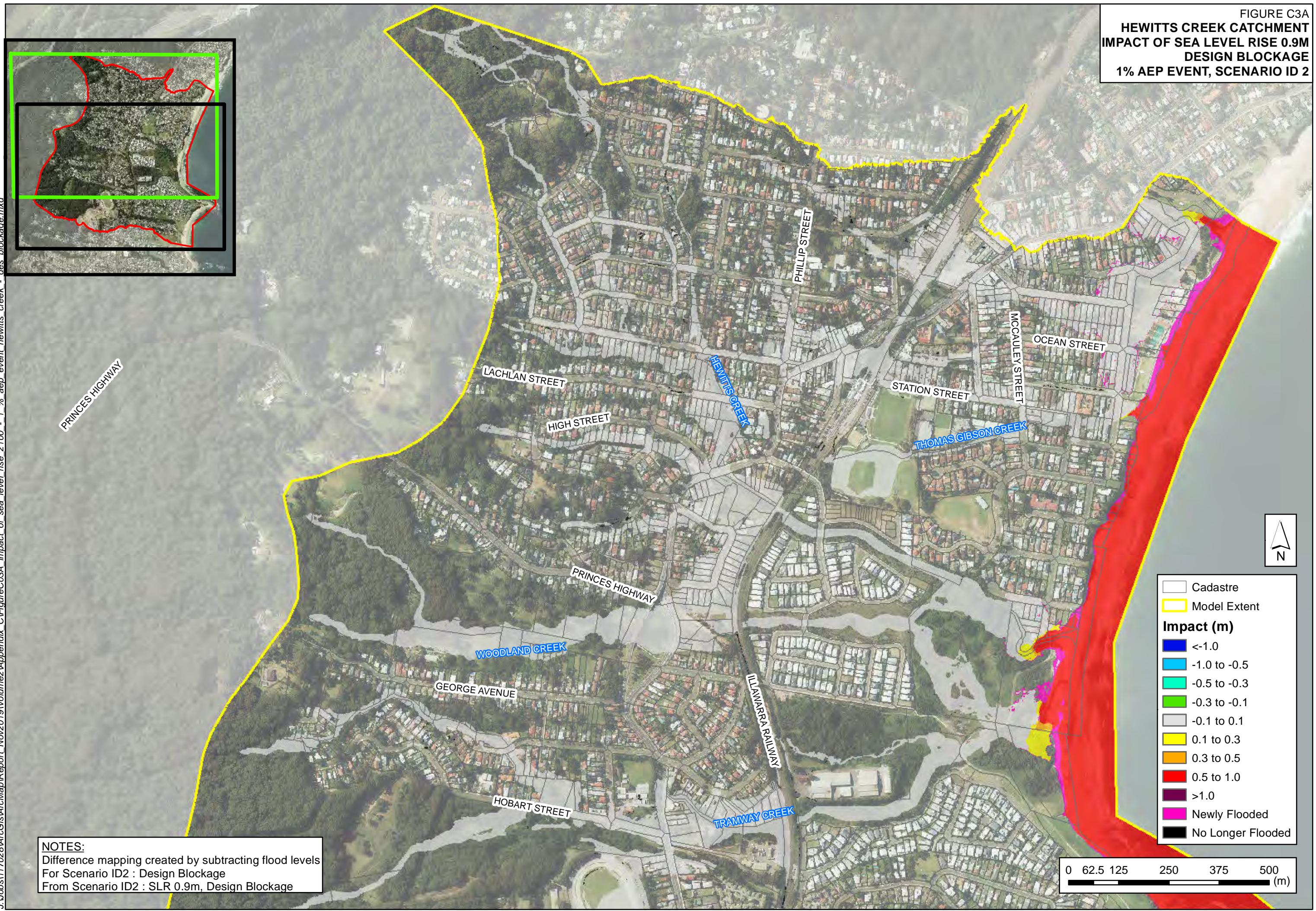


FIGURE C3B

**HEWITTS CREEK CATCHMENT  
IMPACT OF SEA LEVEL RISE 0.9M  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

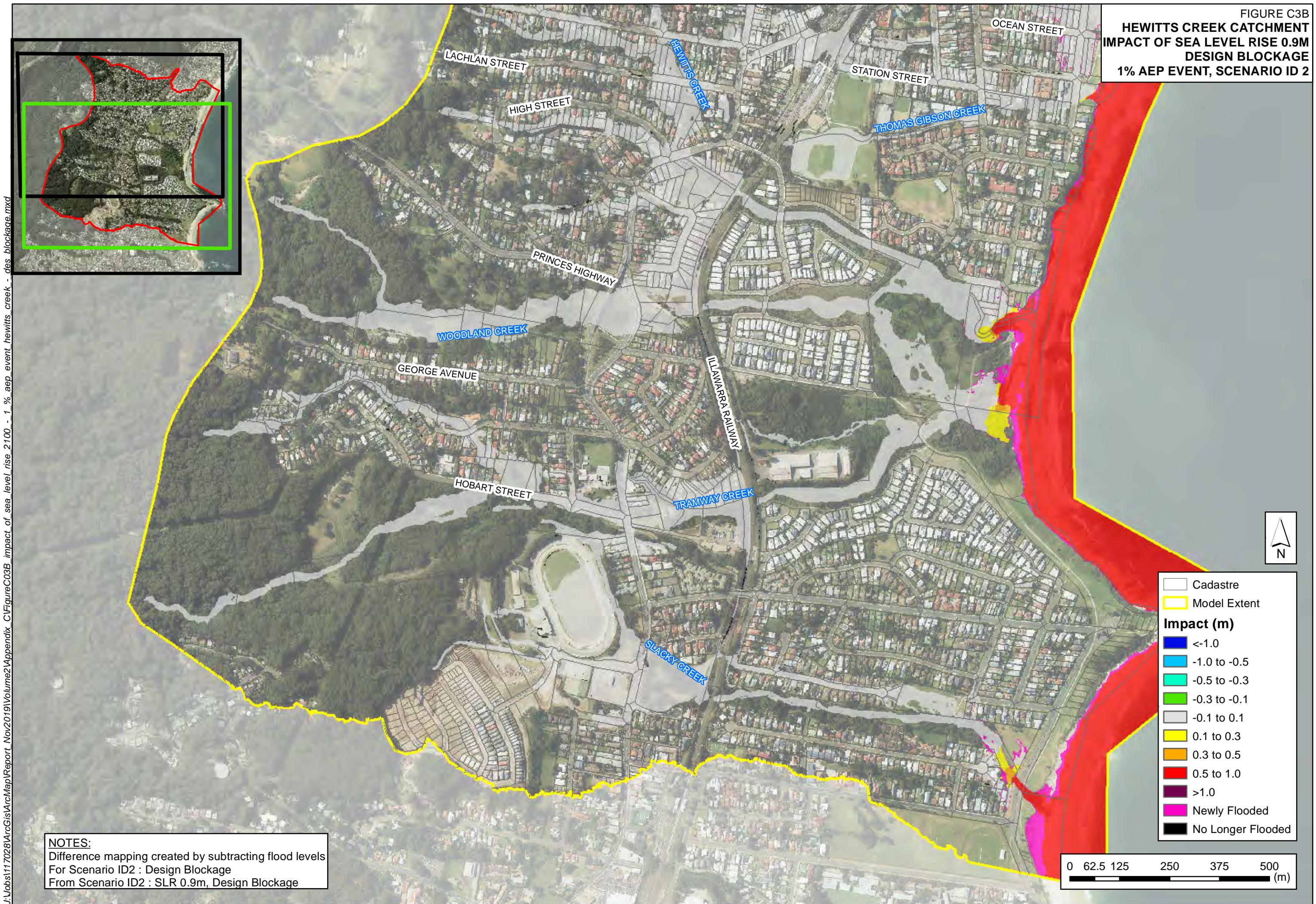


FIGURE C4A

HEWITTS CREEK CATCHMENT  
IMPACT OF SEA LEVEL RISE 0.9M  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2

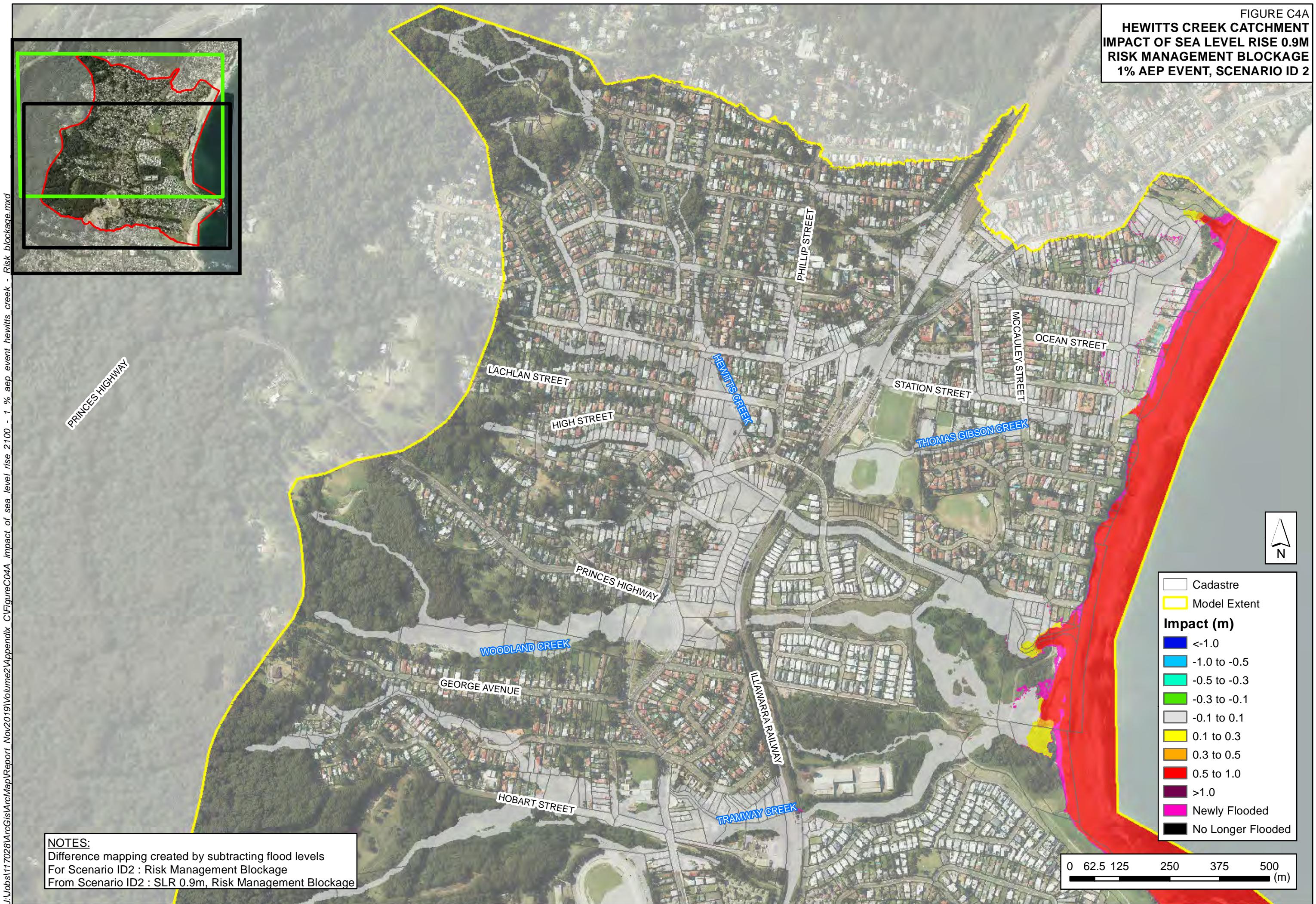


FIGURE C4B

**HEWITTS CREEK CATCHMENT  
IMPACT OF SEA LEVEL RISE 0.9M  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

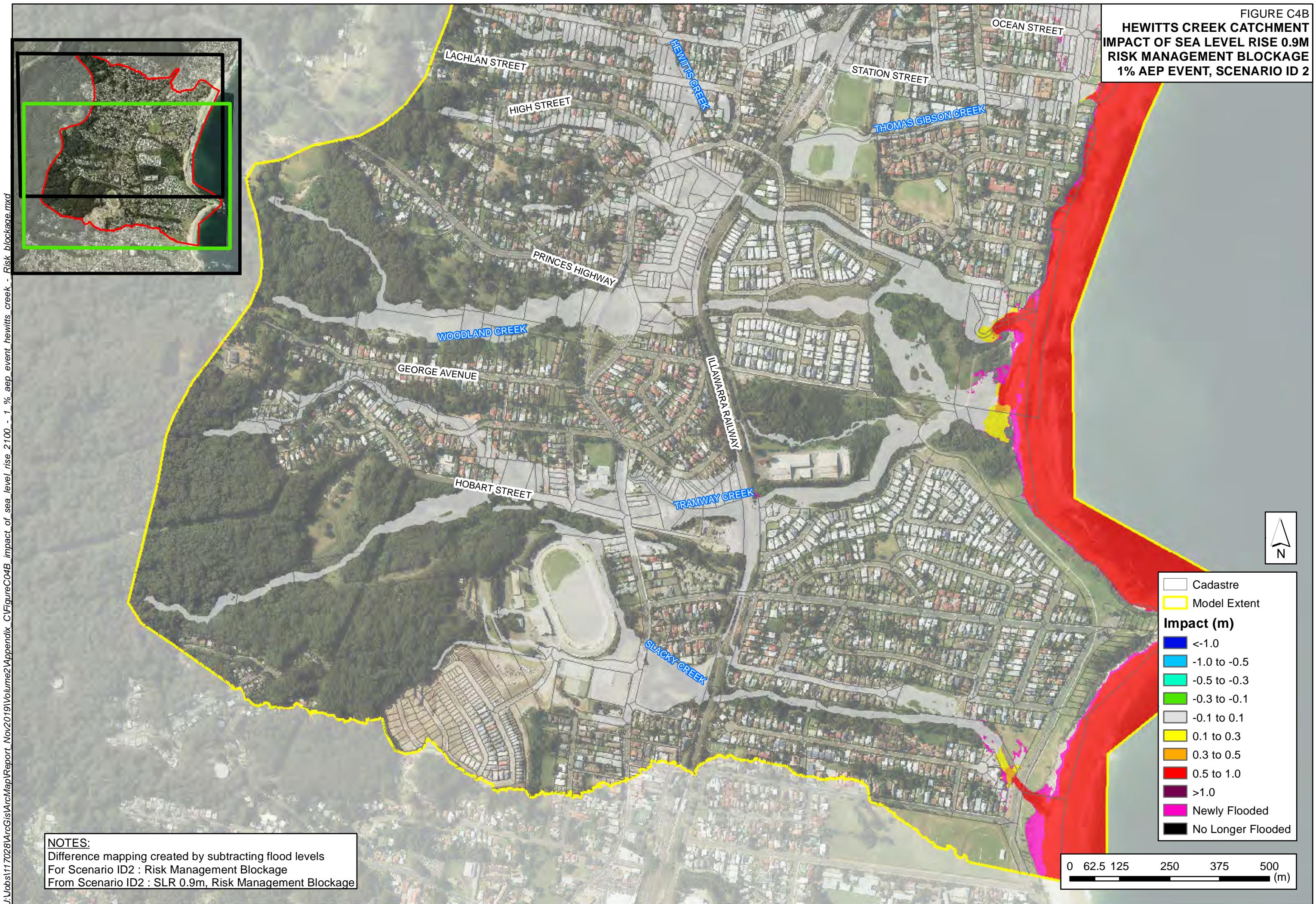


FIGURE C5A

**HEWITTS CREEK CATCHMENT**  
**IMPACT OF SEA LEVEL RISE 0.9M AND RAINFALL INCREASE BY 20%**  
**DESIGN BLOCKAGE**  
**1% AEP EVENT, SCENARIO ID 2**

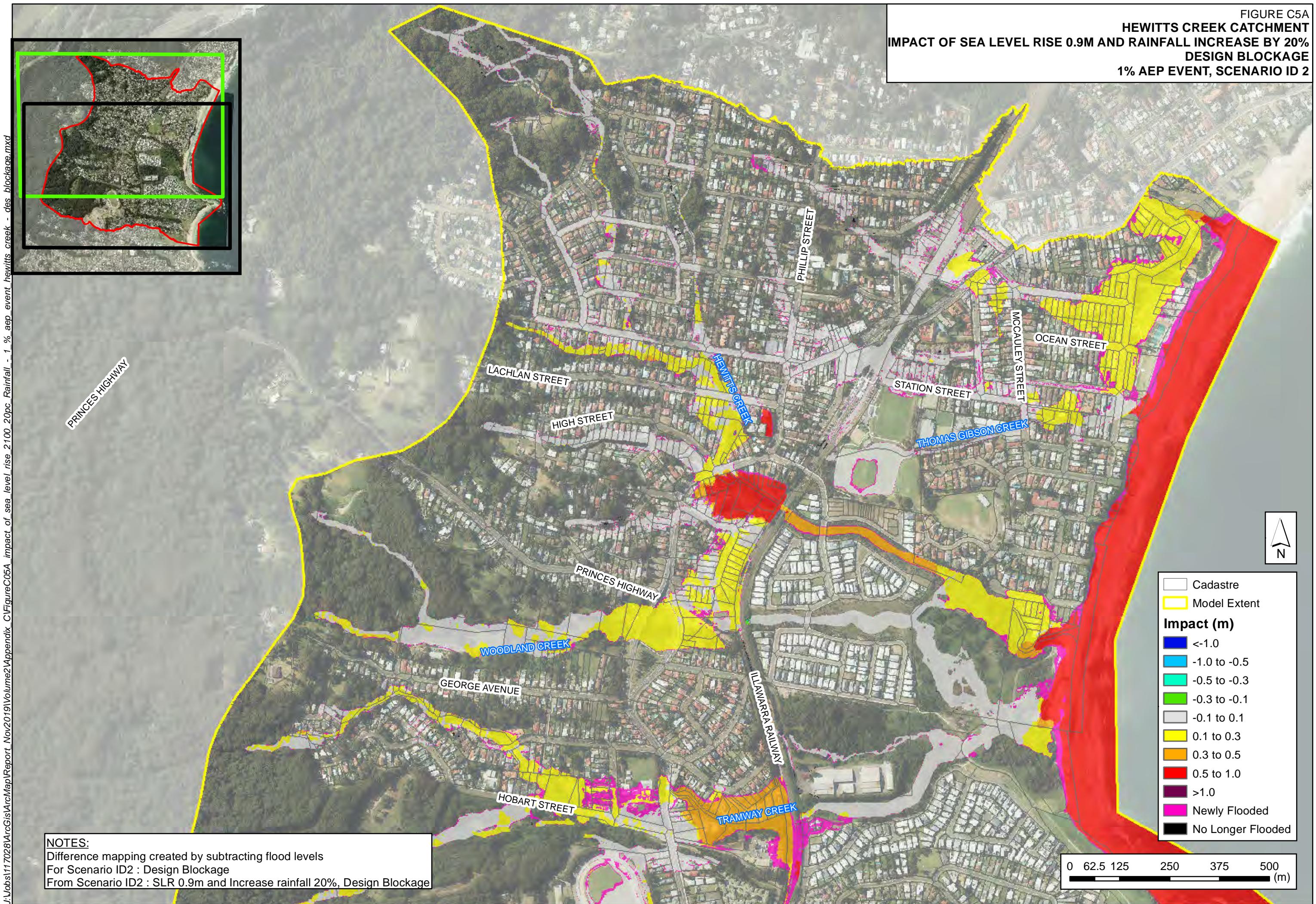


FIGURE C5B

**HEWITTS CREEK CATCHMENT**  
**IMPACT OF SEA LEVEL RISE 0.9M AND RAINFALL INCREASE BY 20%**  
**DESIGN BLOCKAGE**  
**1% AEP EVENT, SCENARIO ID 2**

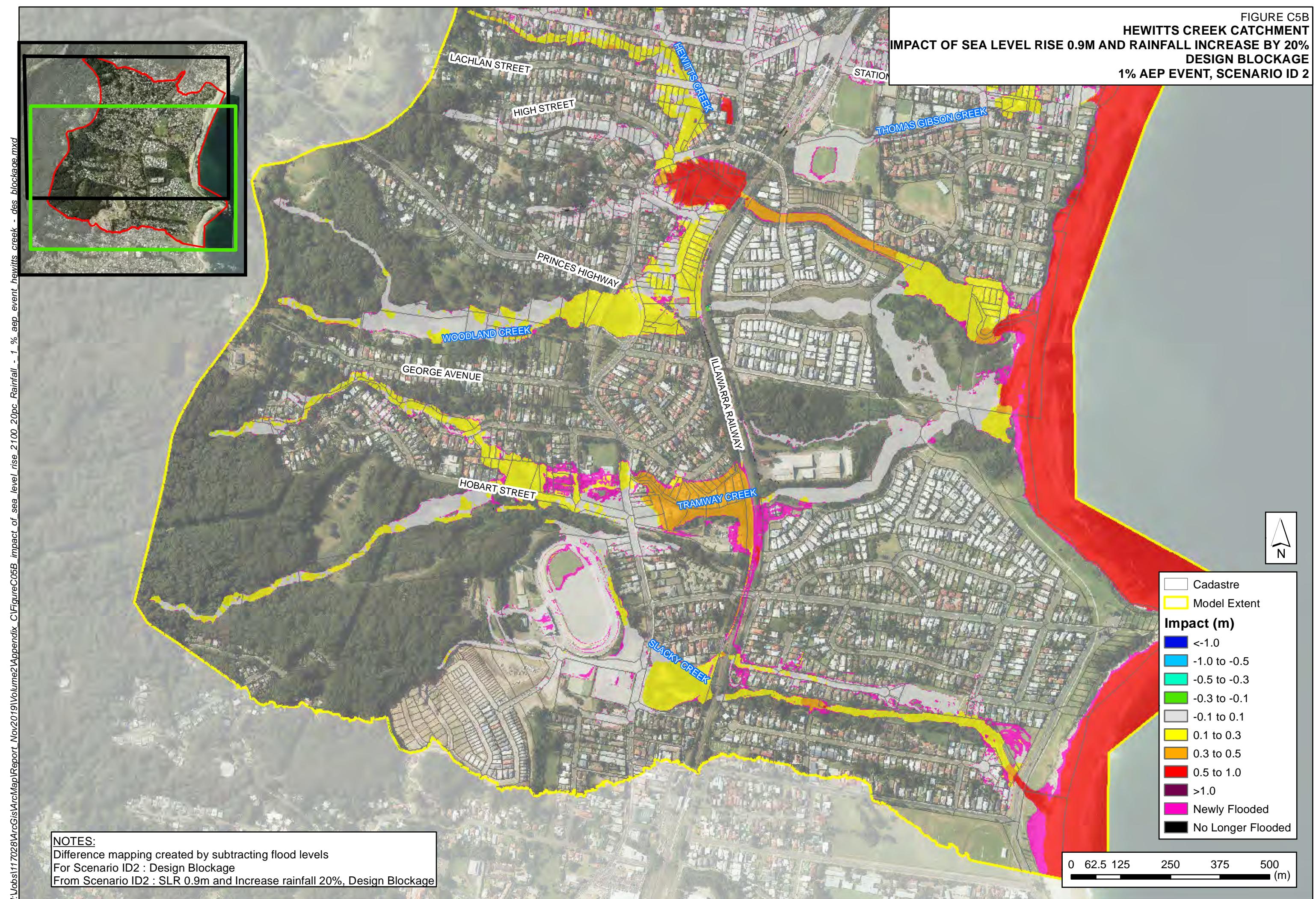


FIGURE C6A

**HEWITTS CREEK CATCHMENT**  
**IMPACT OF SEA LEVEL RISE 0.9M AND RAINFALL INCREASE BY 20%**  
**RISK MANAGEMENT BLOCKAGE**  
**1% AEP EVENT, SCENARIO ID 2**

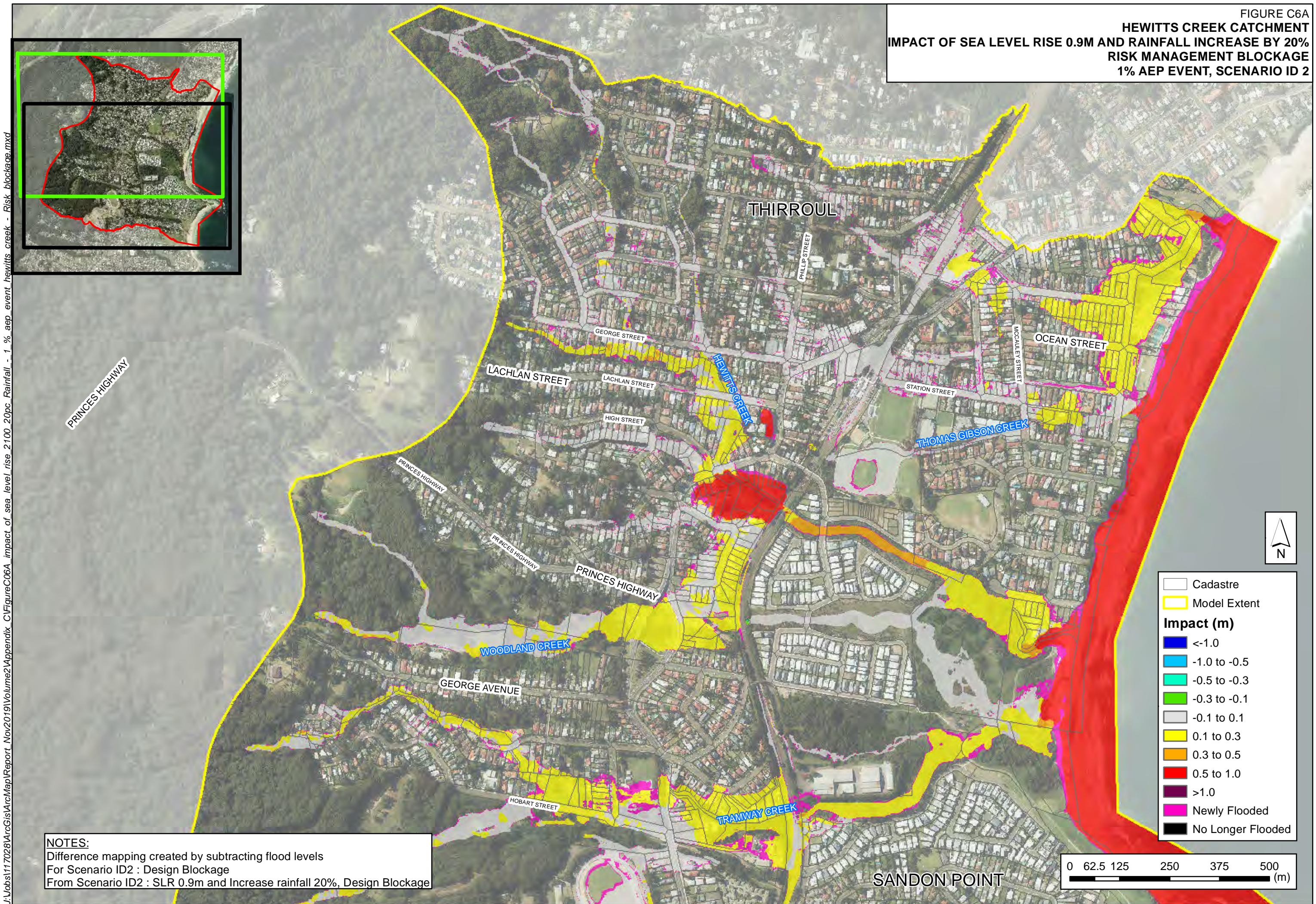
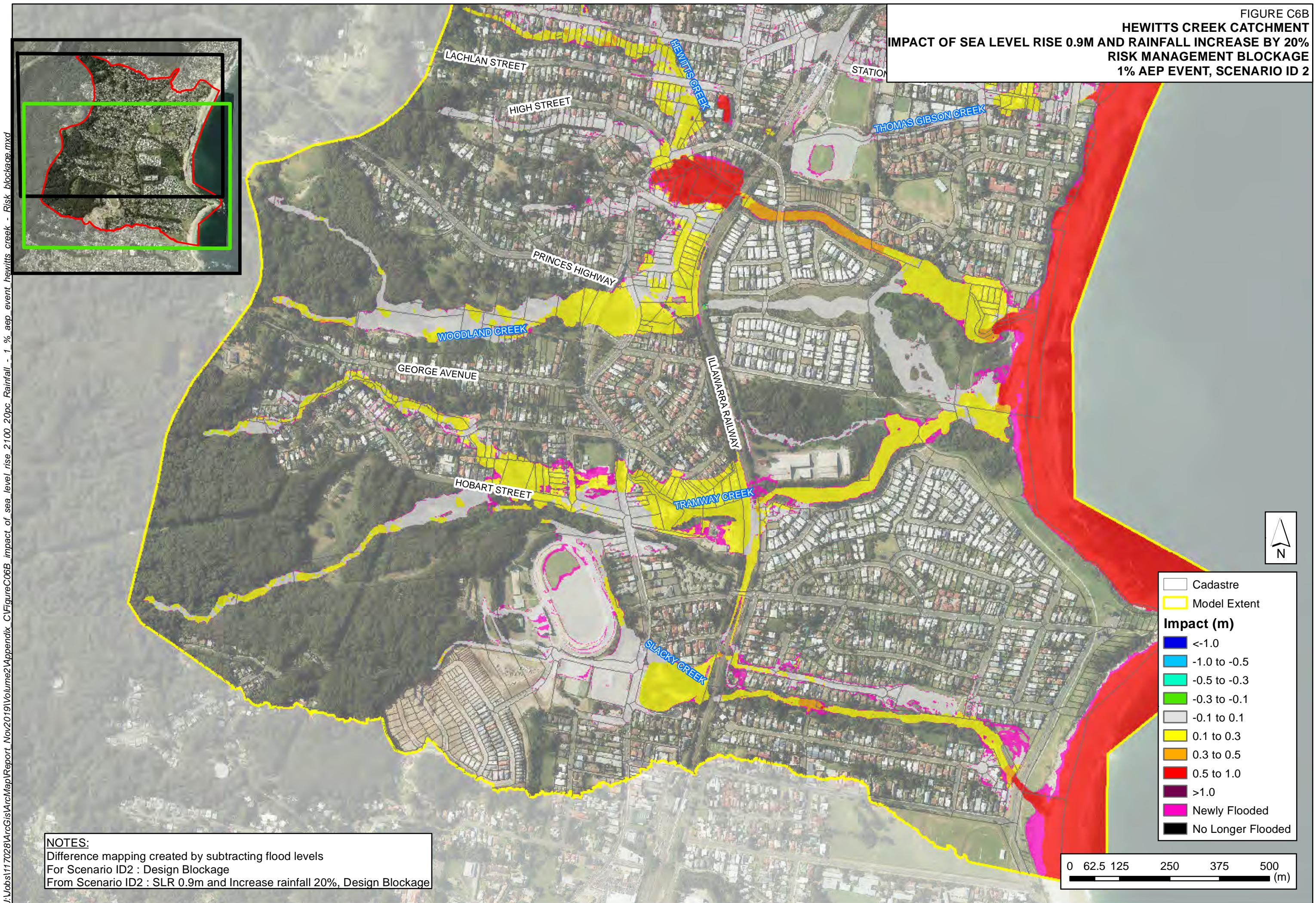


FIGURE C6B

**HEWITTS CREEK CATCHMENT**  
**IMPACT OF SEA LEVEL RISE 0.9M AND RAINFALL INCREASE BY 20%**  
**RISK MANAGEMENT BLOCKAGE**  
**1% AEP EVENT, SCENARIO ID 2**





Map Set D

FIGURE D1A

**HEWITTS CREEK CATCHMENT  
IMPACT OF REVIEW OF EXISTING MODELS  
1% AEP EVENT, SCENARIO ID 0**

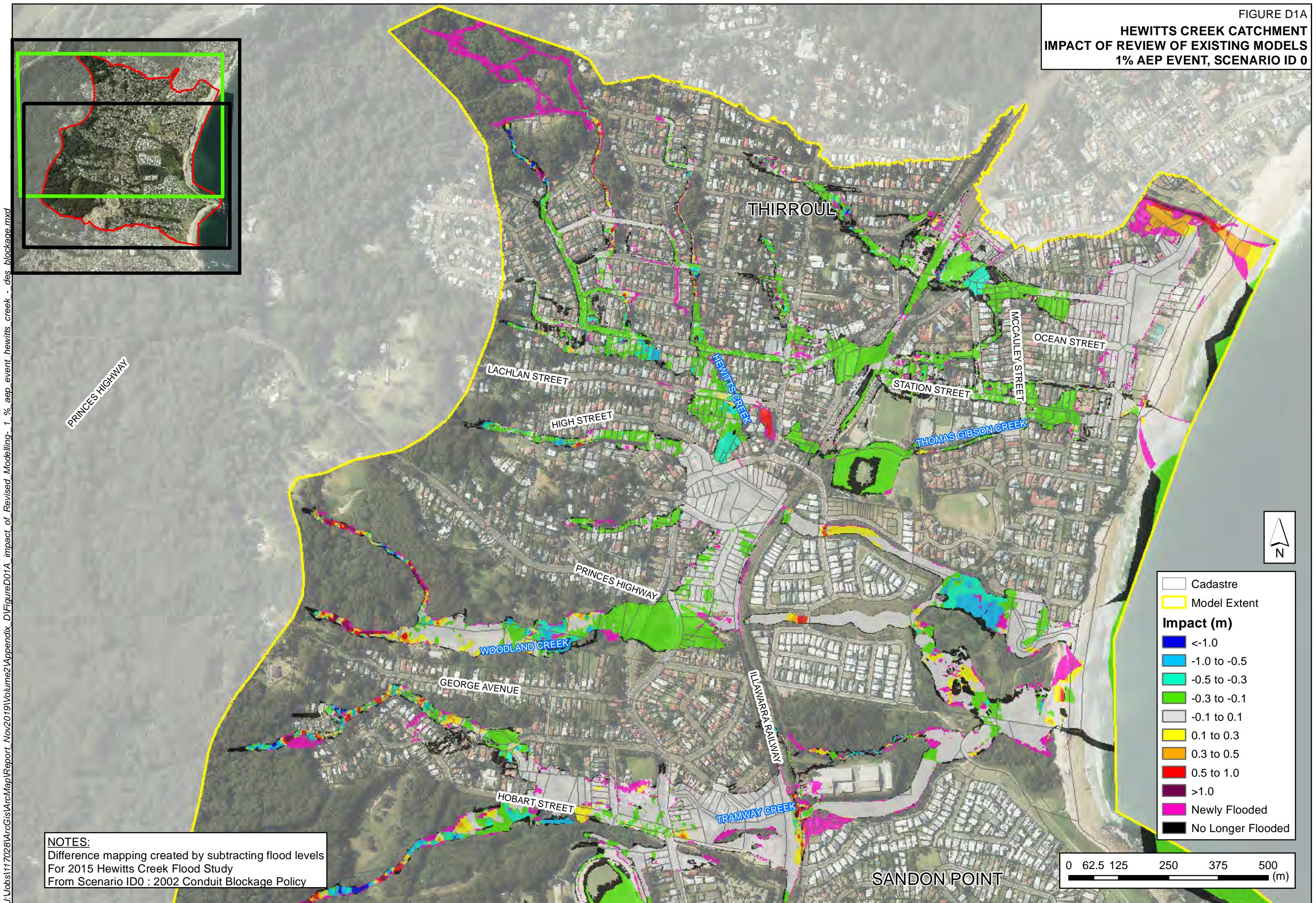


FIGURE D1B

**HEWITTS CREEK CATCHMENT  
IMPACT OF REVIEW OF EXISTING MODELS  
1% AEP EVENT, SCENARIO ID 0**

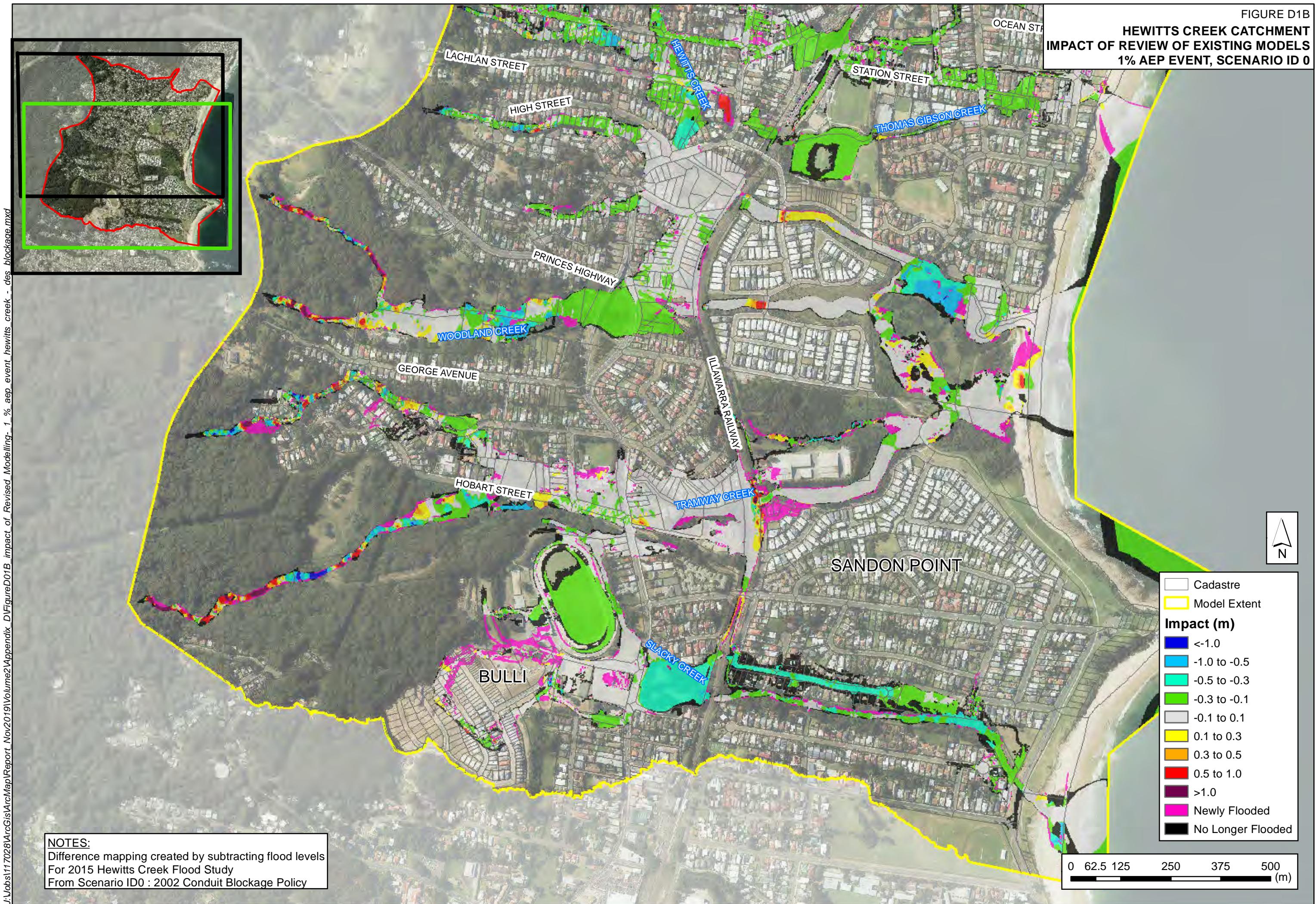


FIGURE D2A

**HEWITTS CREEK CATCHMENT  
IMPACT OF REVIEW OF EXISTING MODELS  
PMF EVENT, SCENARIO ID 0**

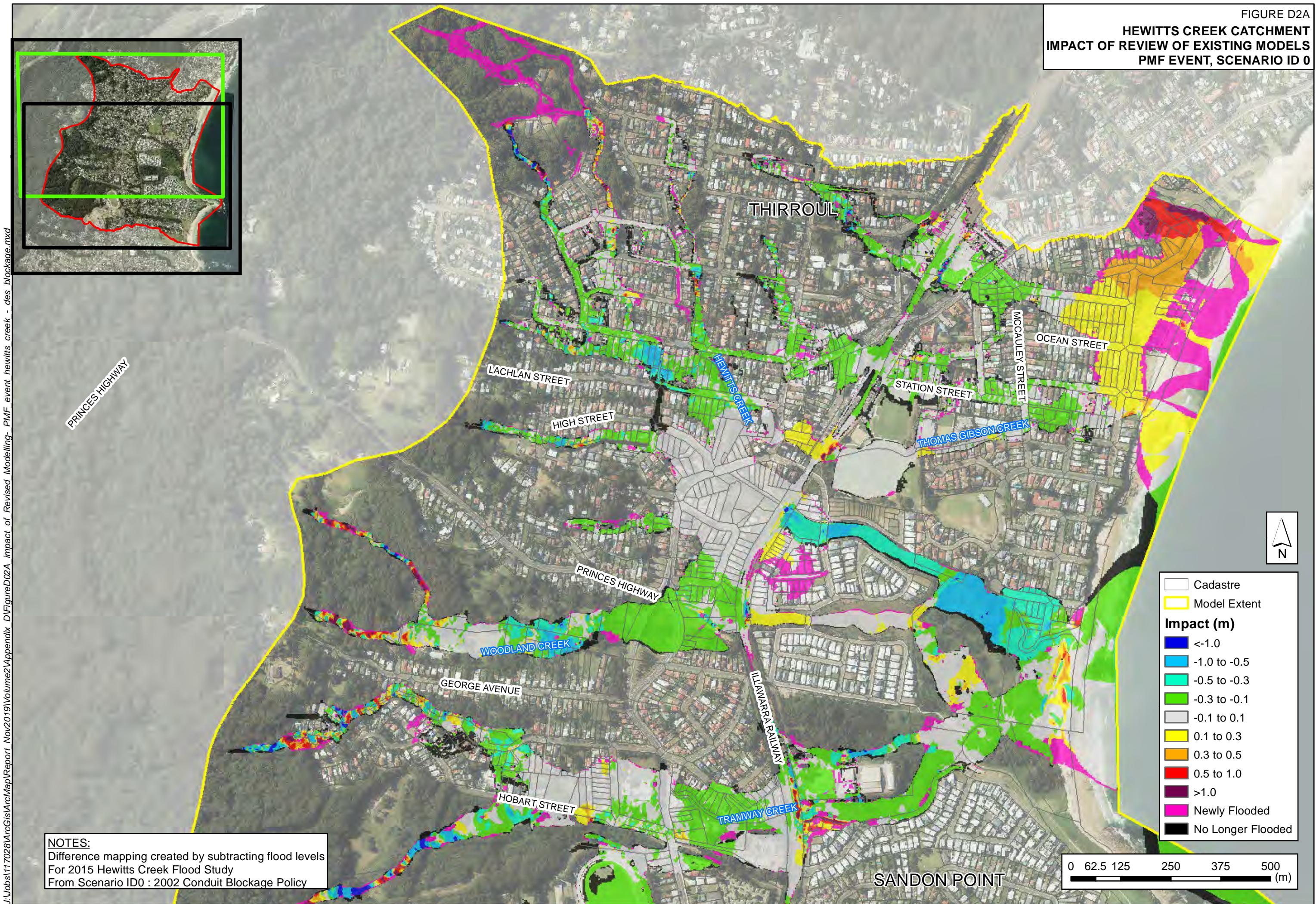


FIGURE D2B

**HEWITTS CREEK CATCHMENT  
IMPACT OF REVIEW OF EXISTING MODELS  
PMF EVENT, SCENARIO ID 0**

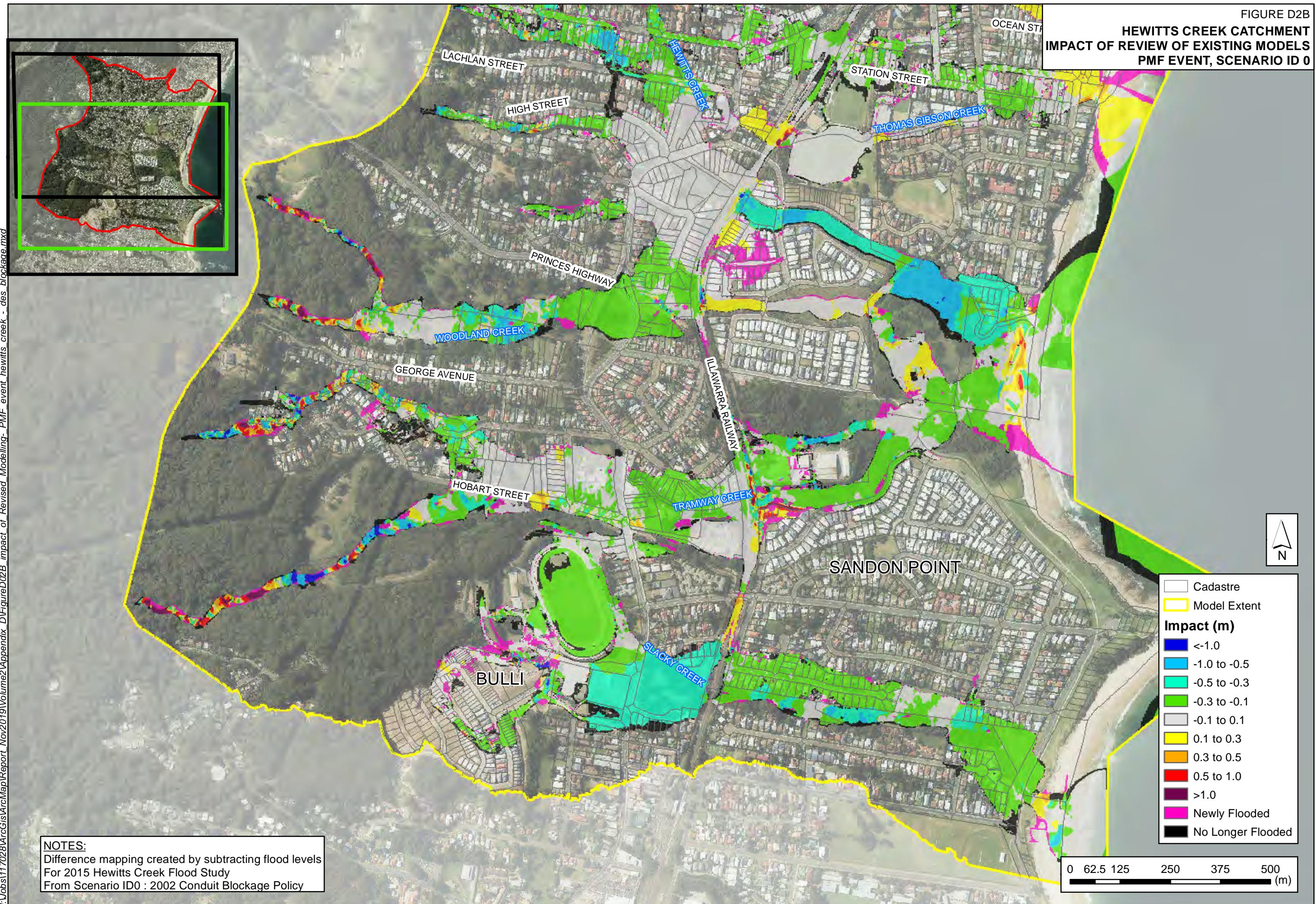


FIGURE D3A

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 1**

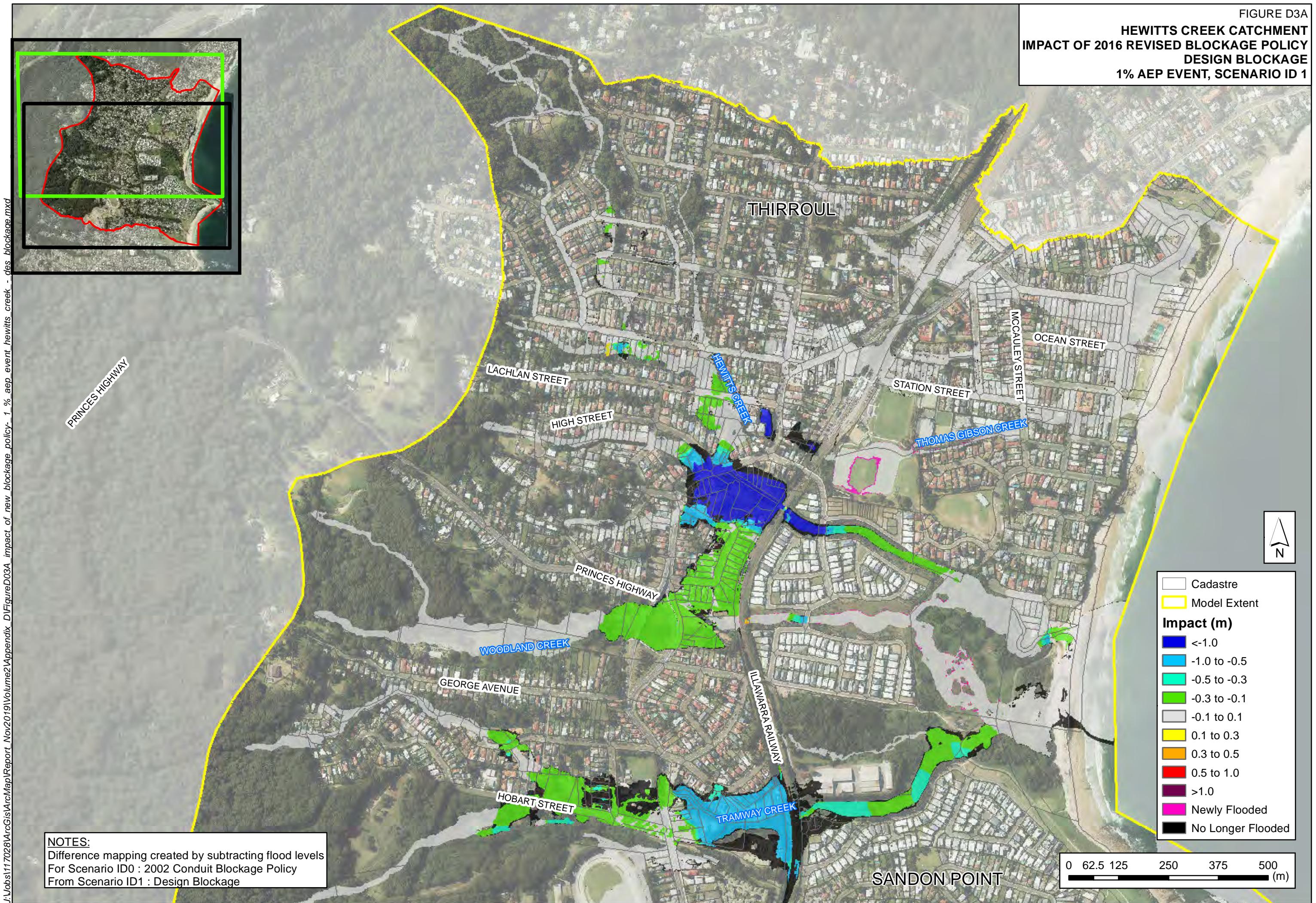


FIGURE D3B

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 1**

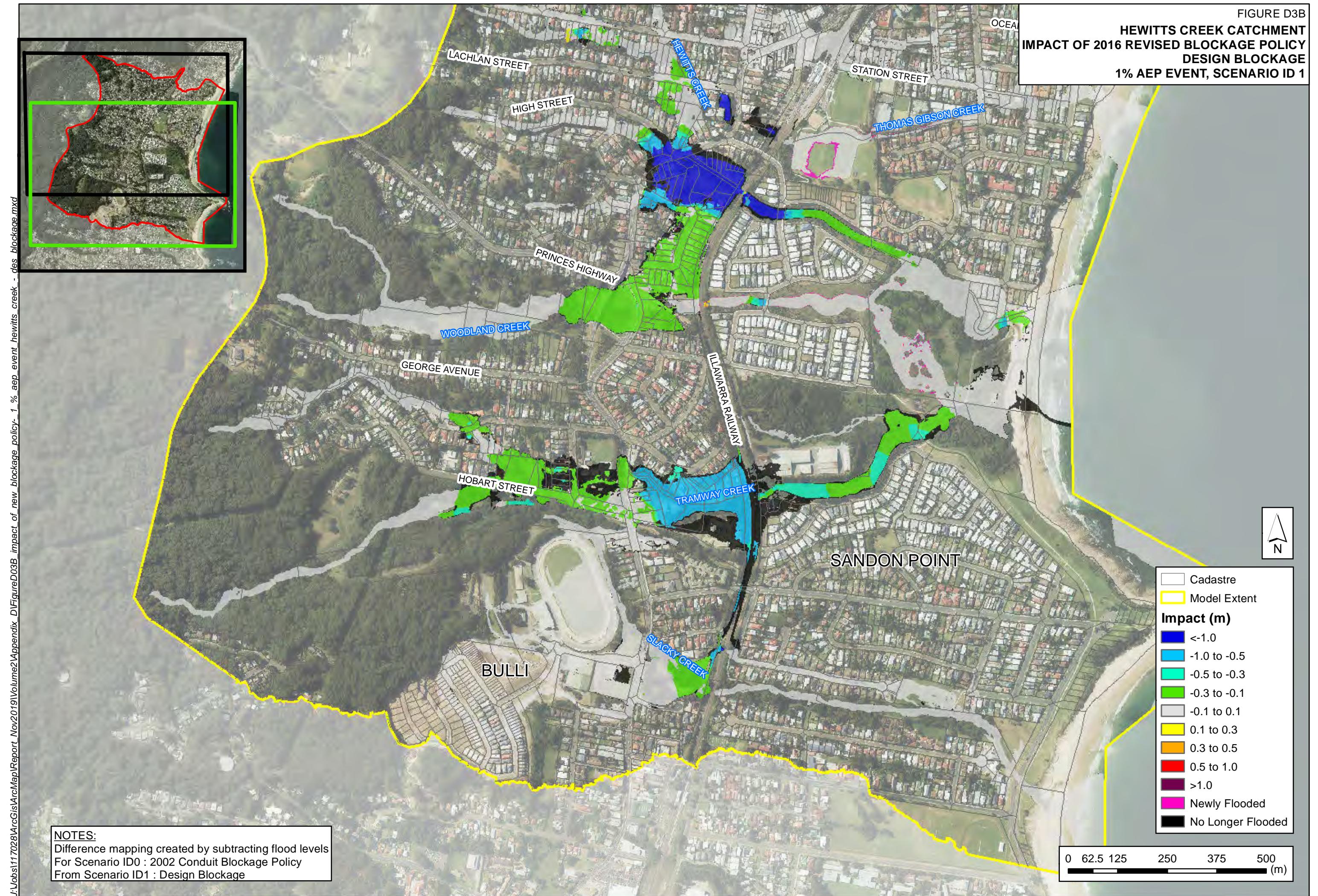


FIGURE D4A

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 1**

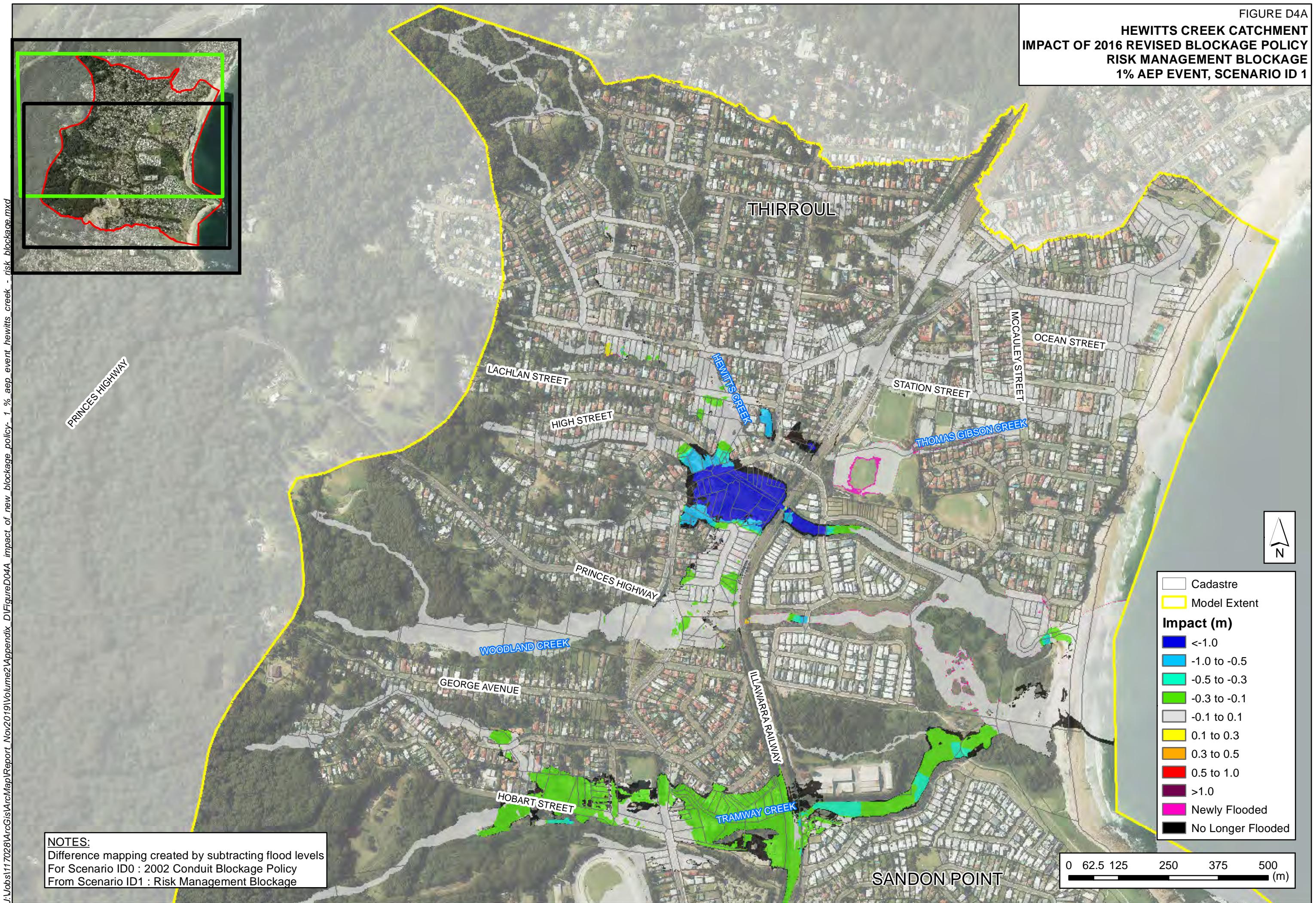


FIGURE D4B

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 1**

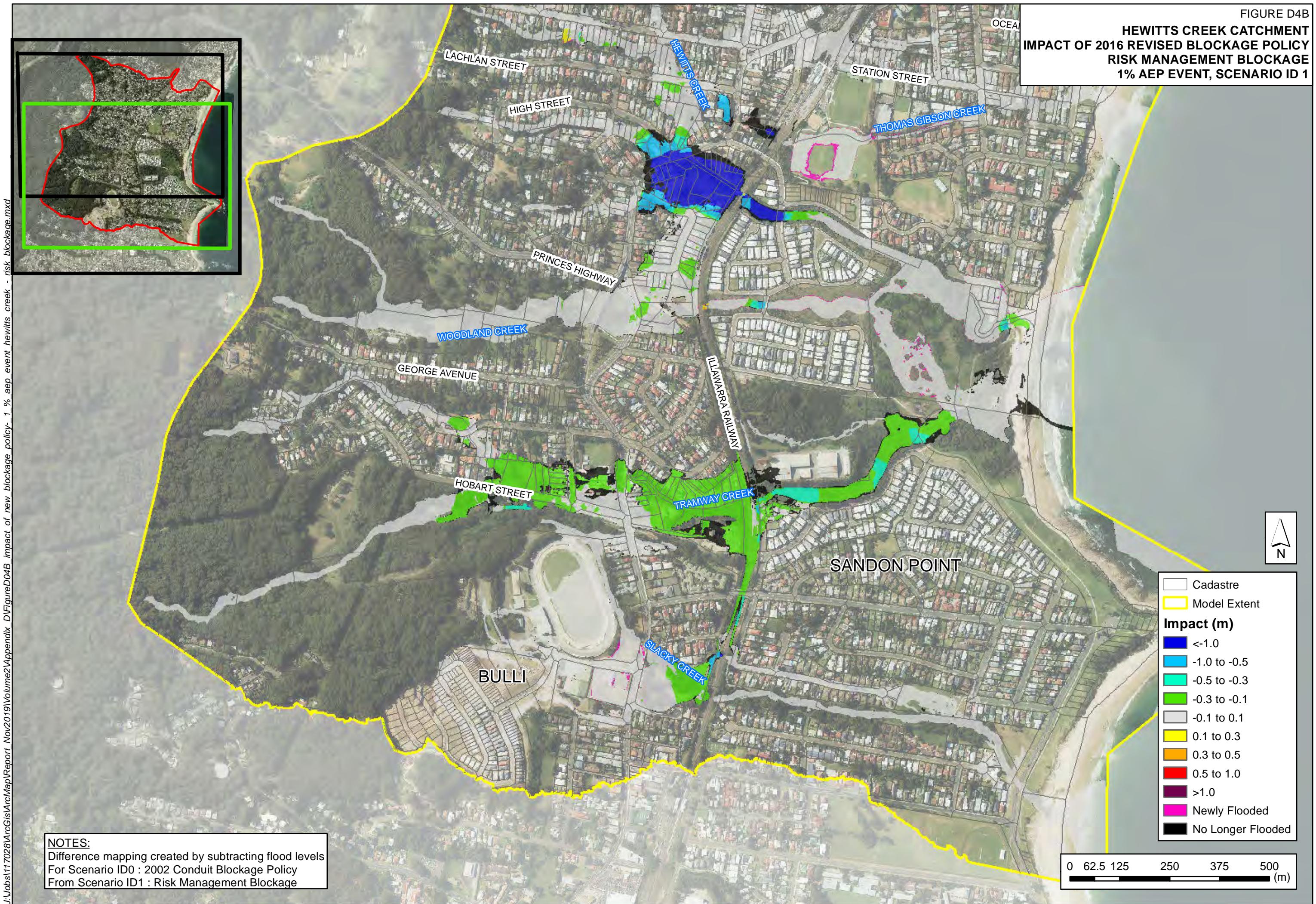


FIGURE D5A

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 1**

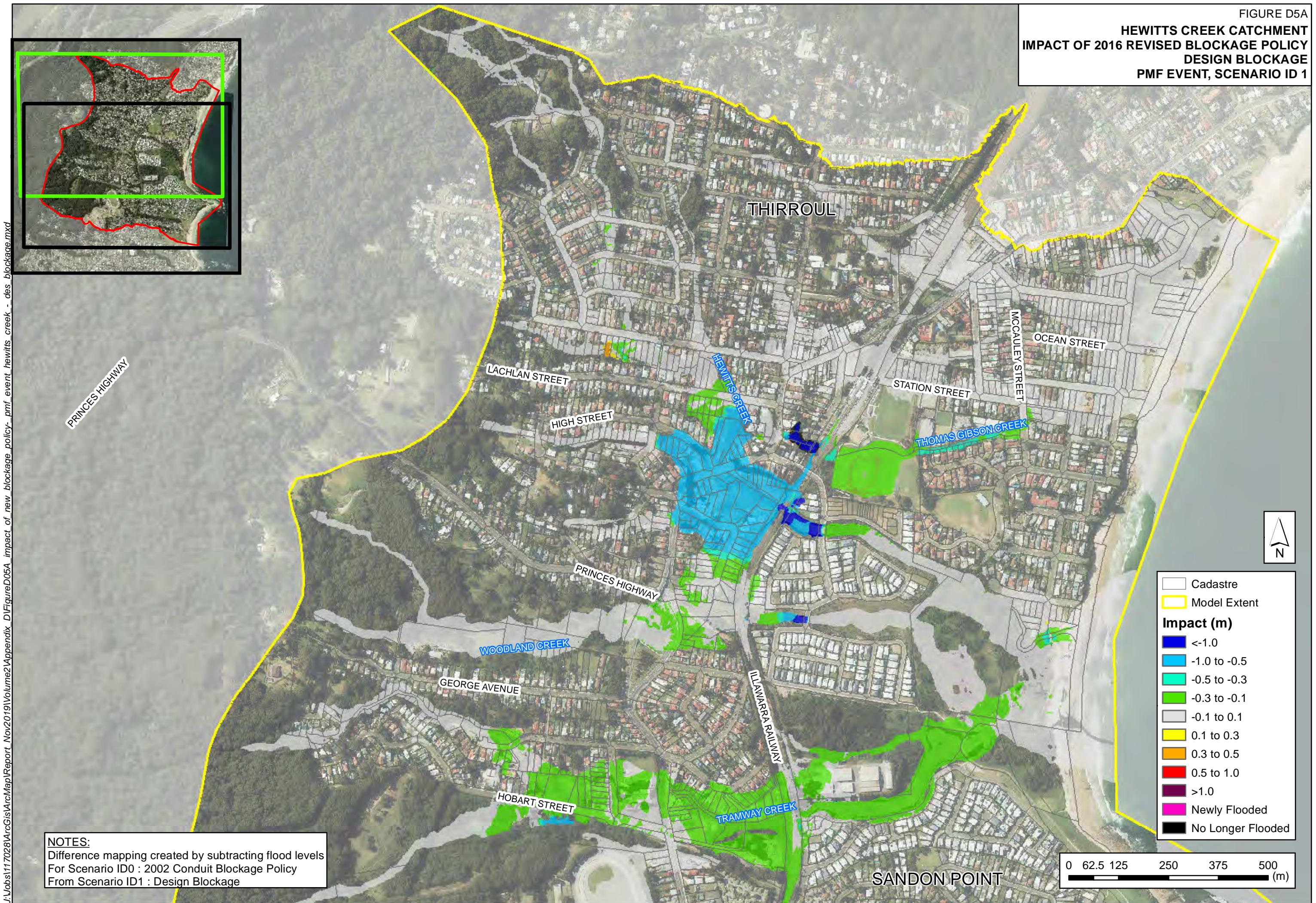


FIGURE D5B

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 1**

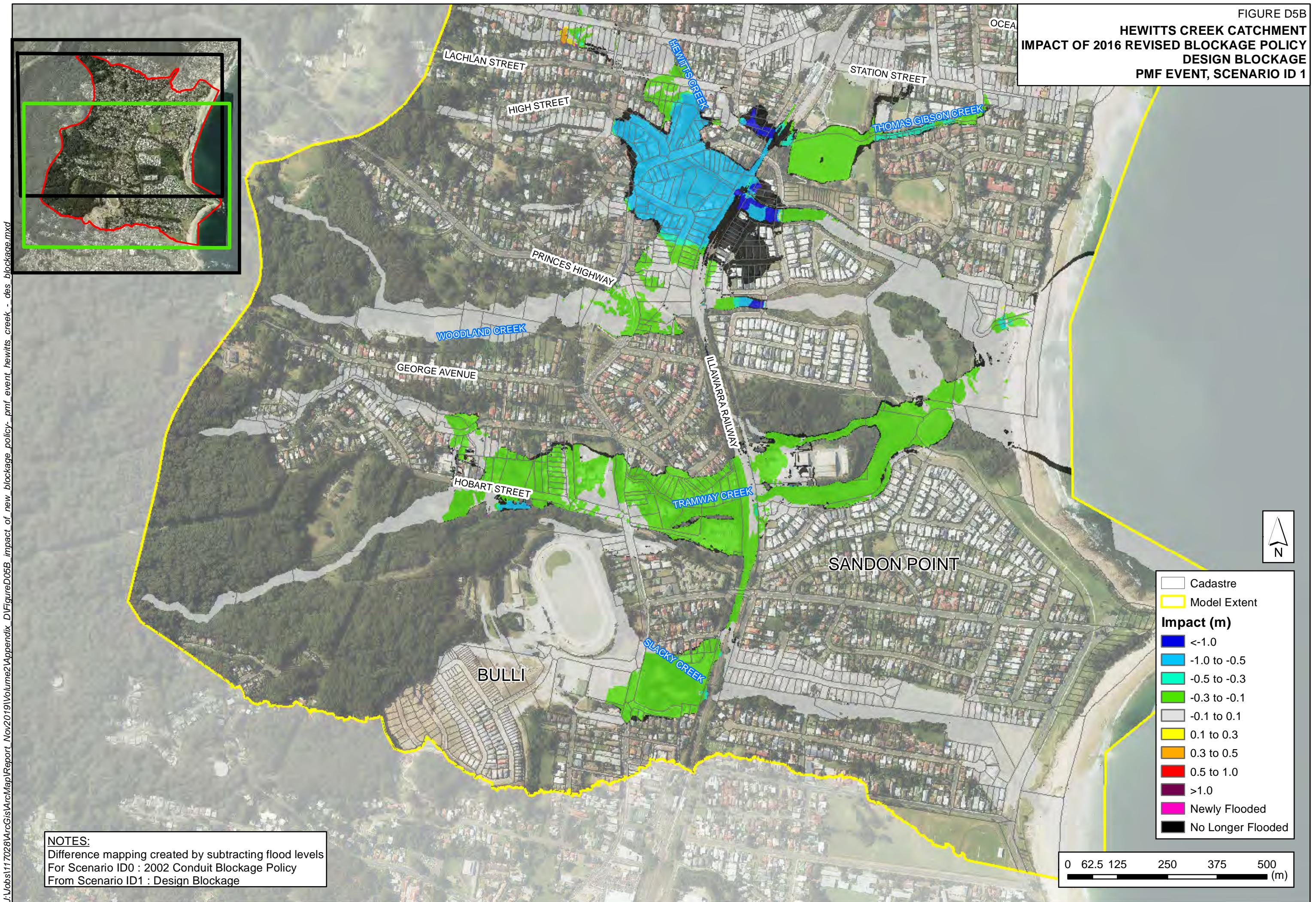


FIGURE D6A

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 1**

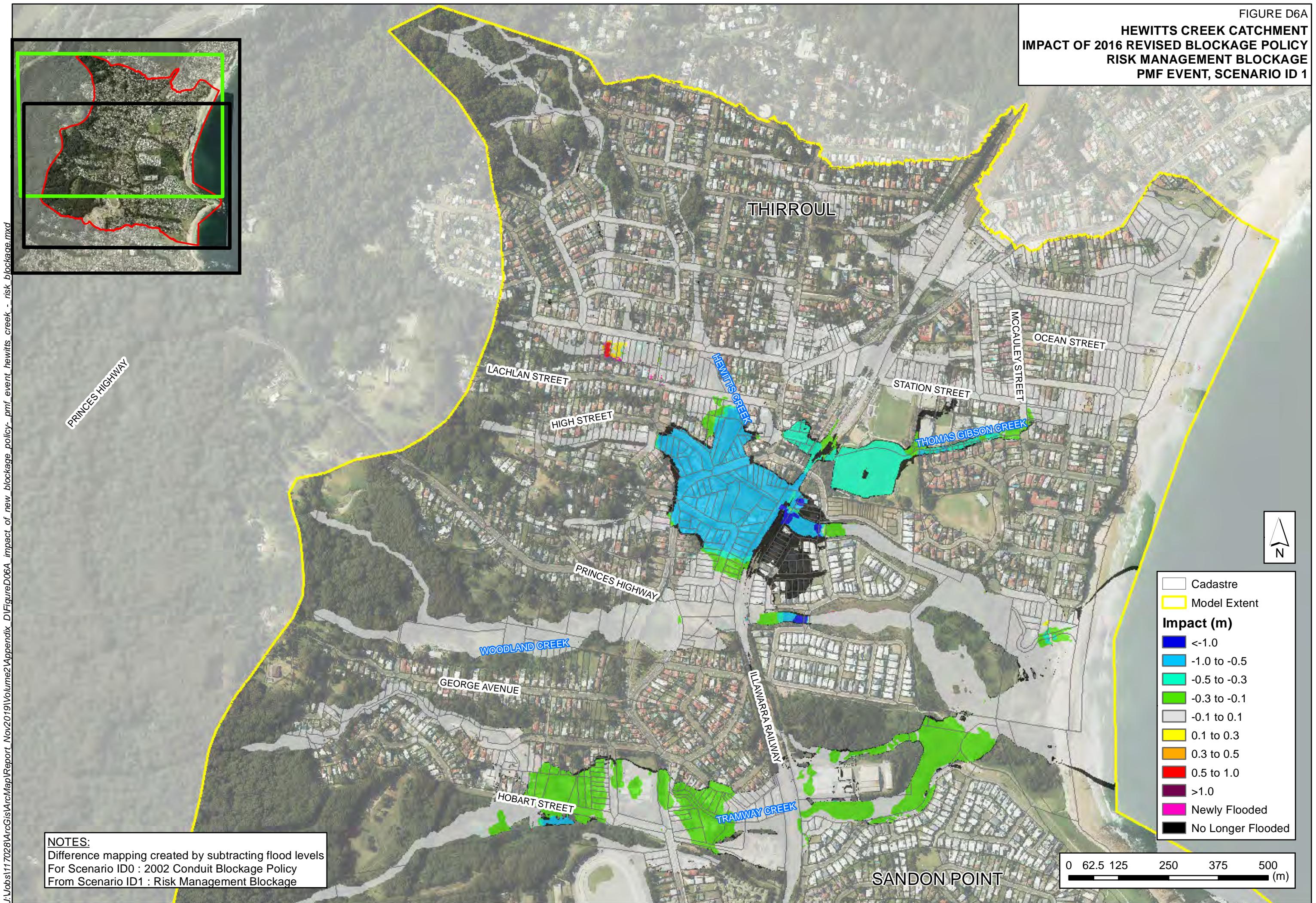


FIGURE D6B

**HEWITTS CREEK CATCHMENT  
IMPACT OF 2016 REVISED BLOCKAGE POLICY  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 1**

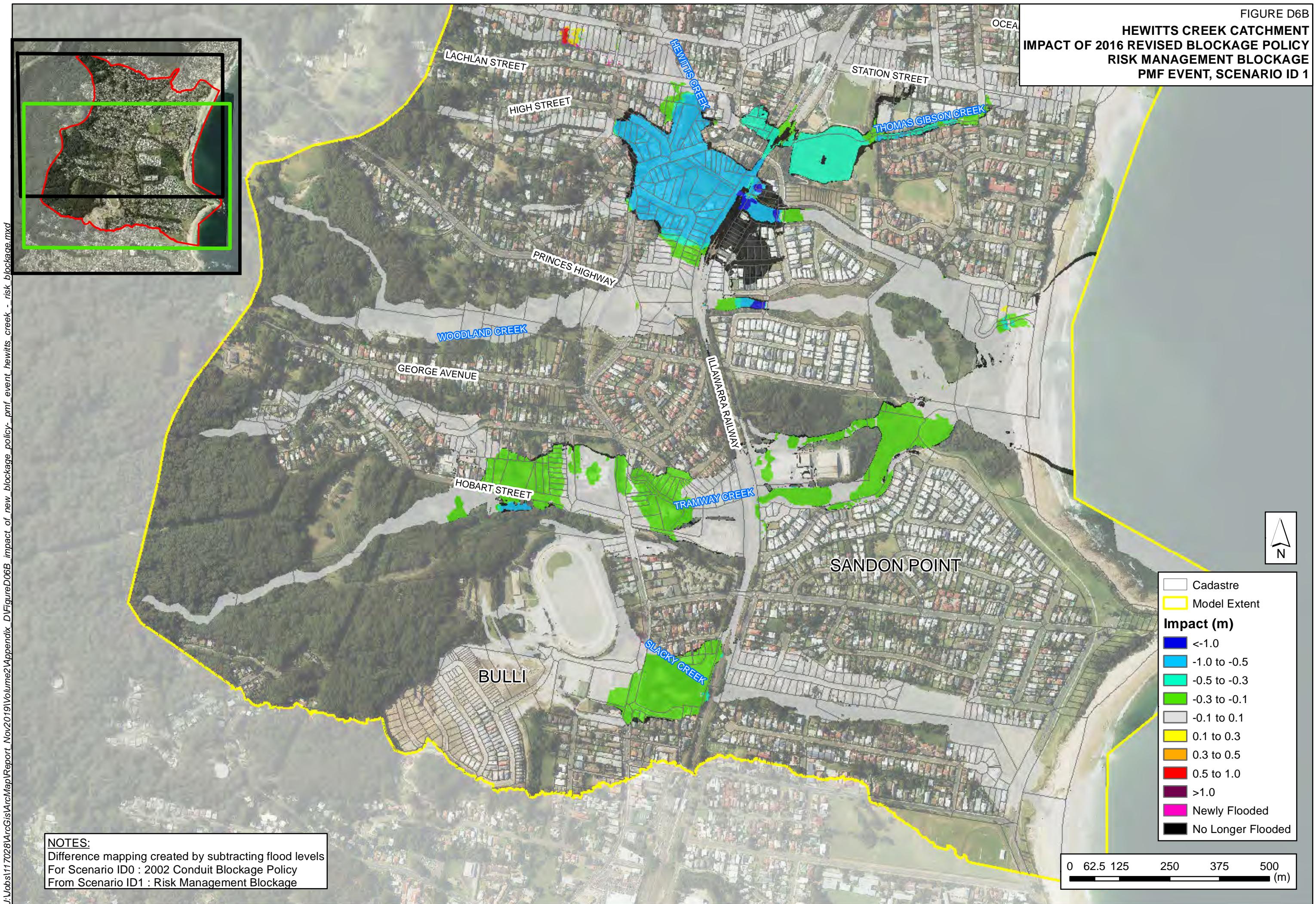


FIGURE D7A

**HEWITTS CREEK CATCHMENT  
IMPACT OF CURRENT CATCHMENT CONDITIONS  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

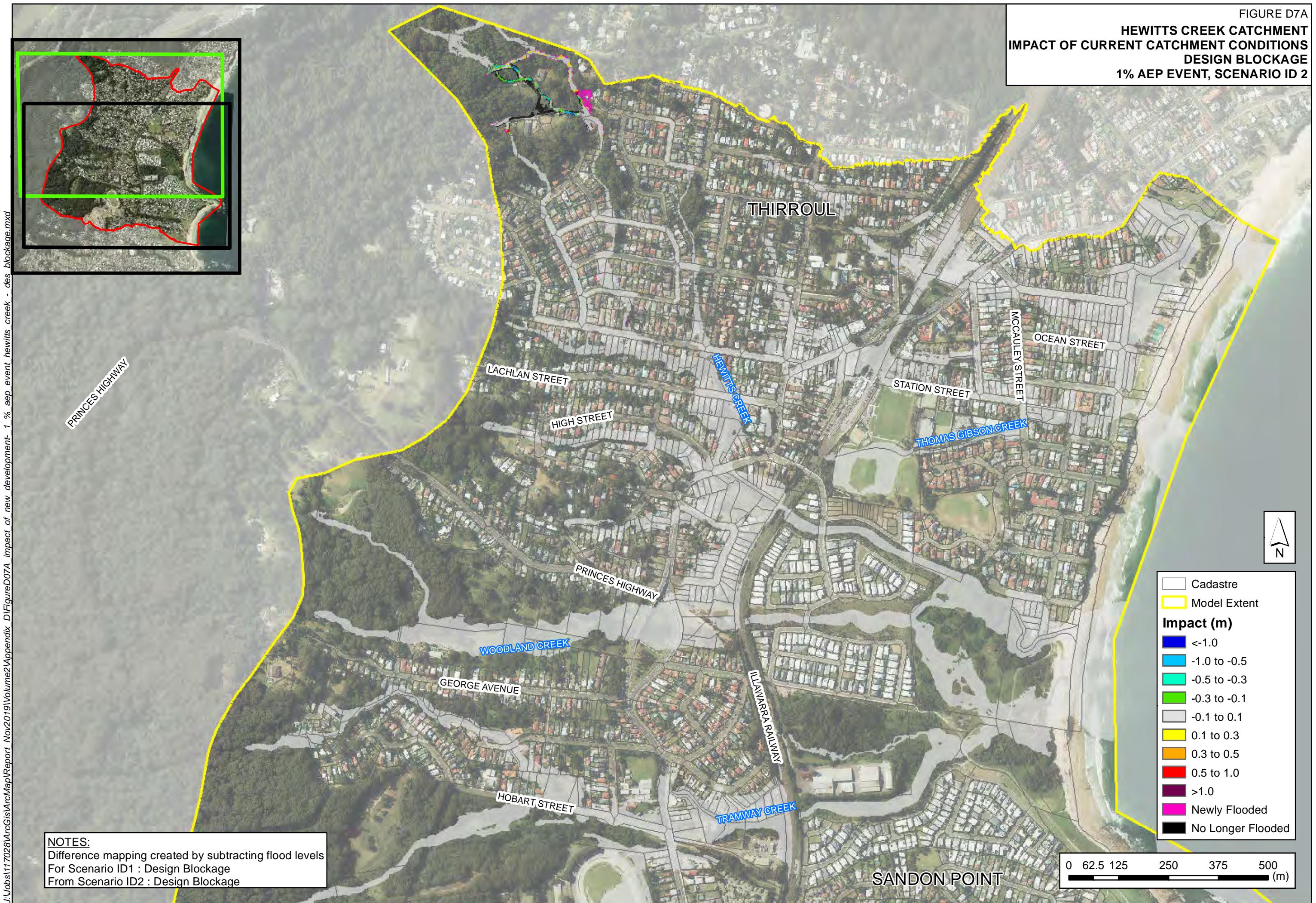


FIGURE D7B

**HEWITTS CREEK CATCHMENT  
IMPACT OF CURRENT CATCHMENT CONDITIONS  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

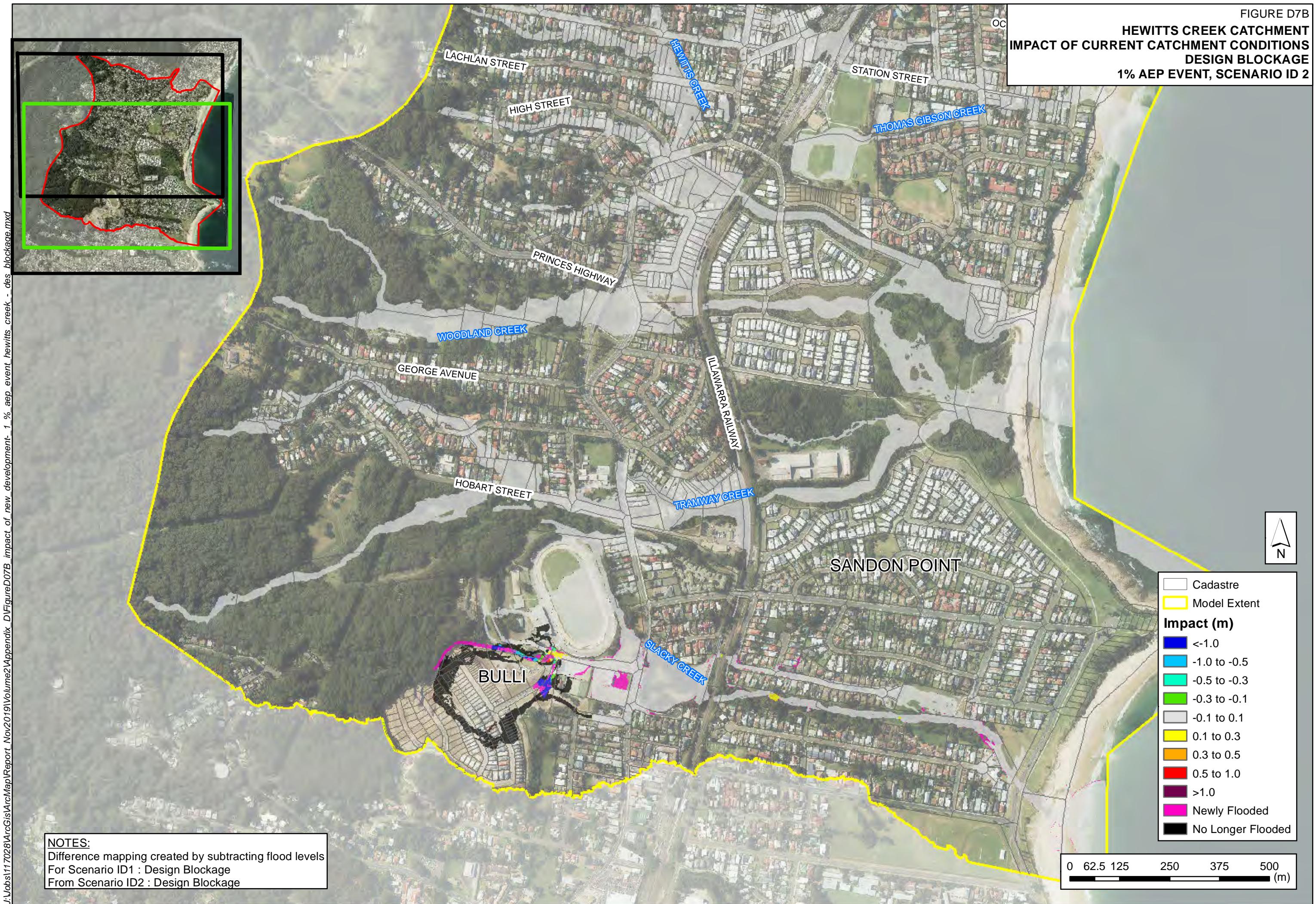


FIGURE D8A

**HEWITTS CREEK CATCHMENT**  
**IMPACT OF CURRENT CATCHMENT CONDITIONS**  
**RISK MANAGEMENT BLOCKAGE**  
**1% AEP EVENT, SCENARIO ID 2**

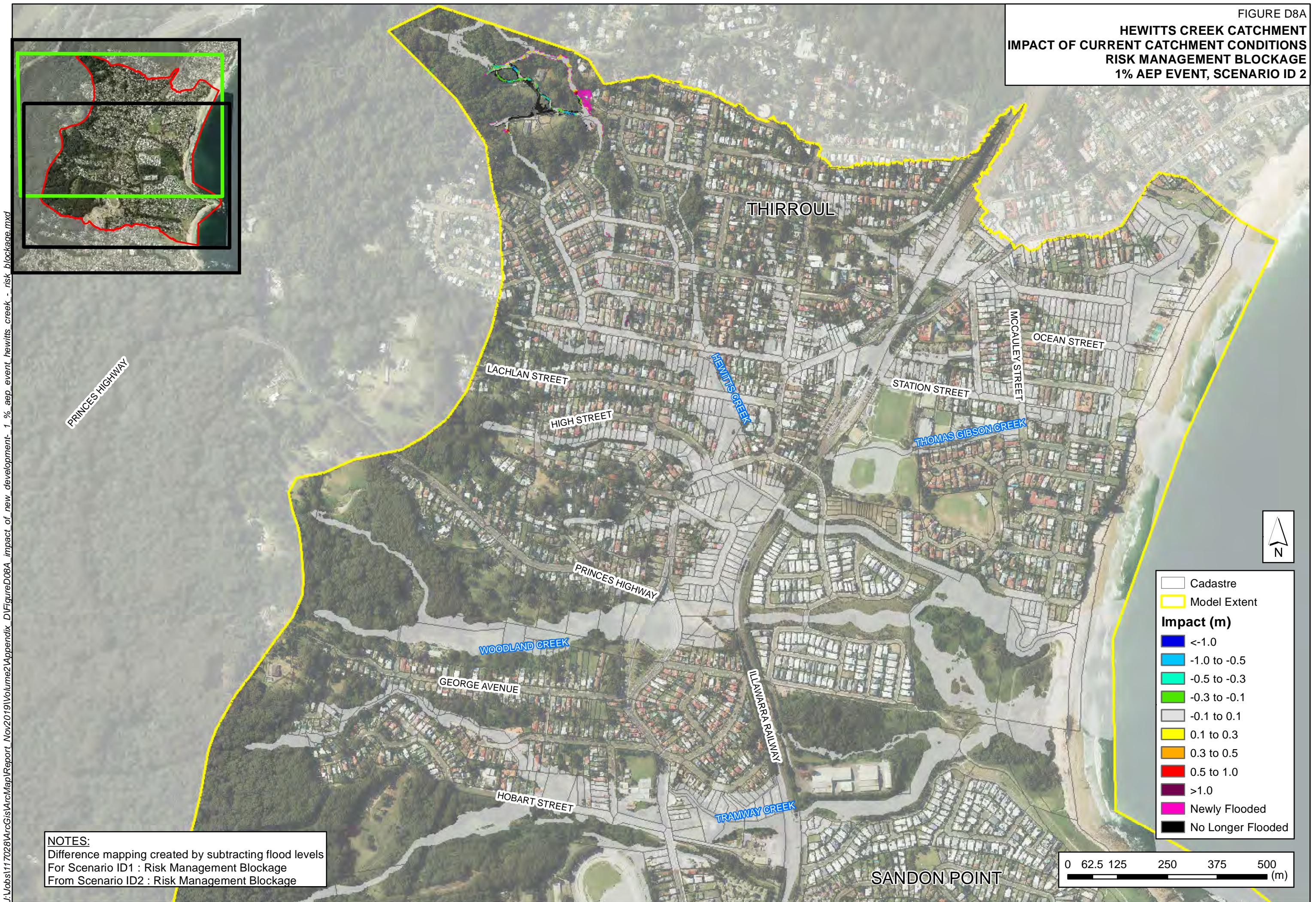


FIGURE D8B

**HEWITTS CREEK CATCHMENT  
IMPACT OF CURRENT CATCHMENT CONDITIONS  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

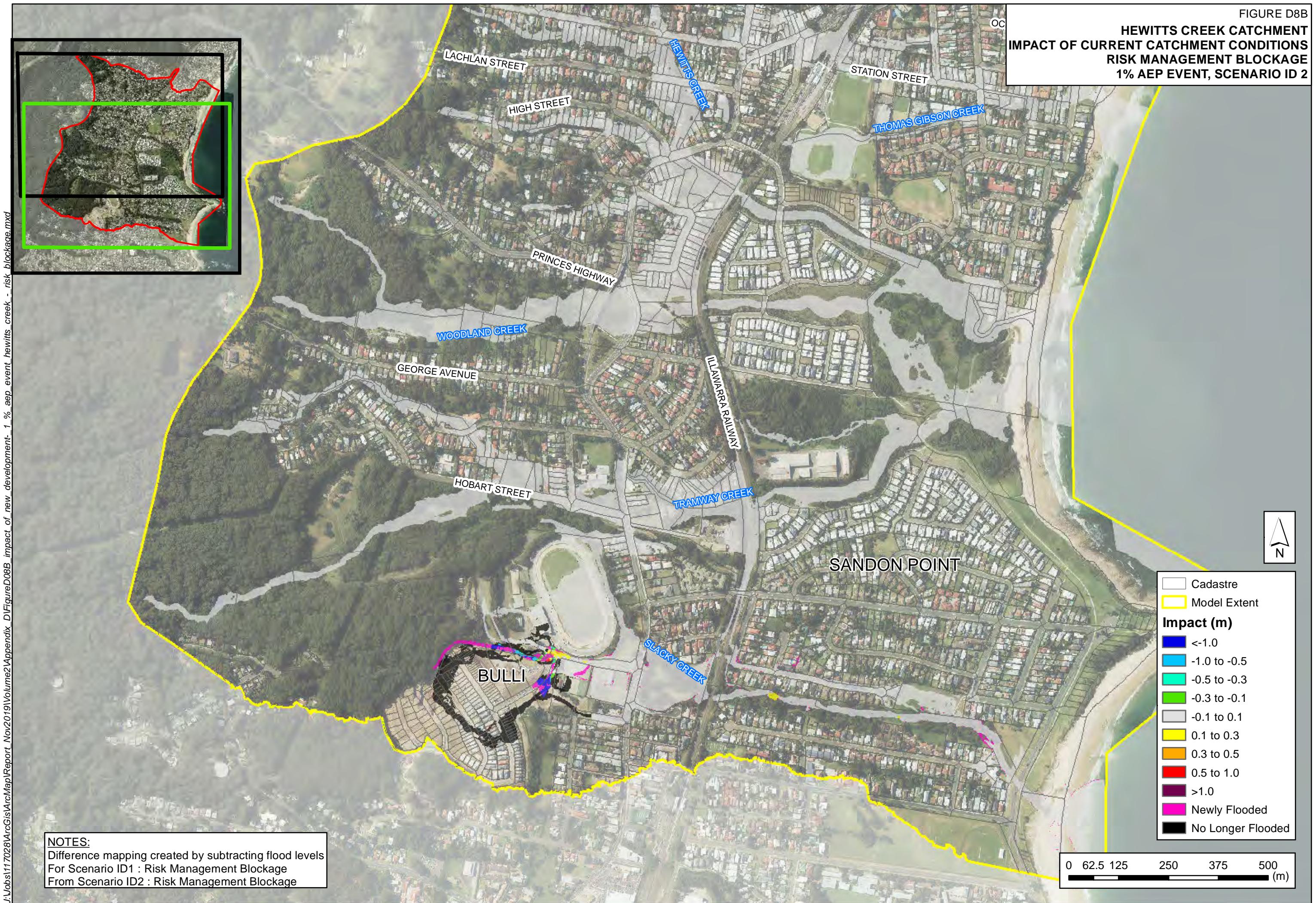


FIGURE D9A

**HEWITTS CREEK CATCHMENT  
IMPACT OF CURRENT CATCHMENT CONDITIONS  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

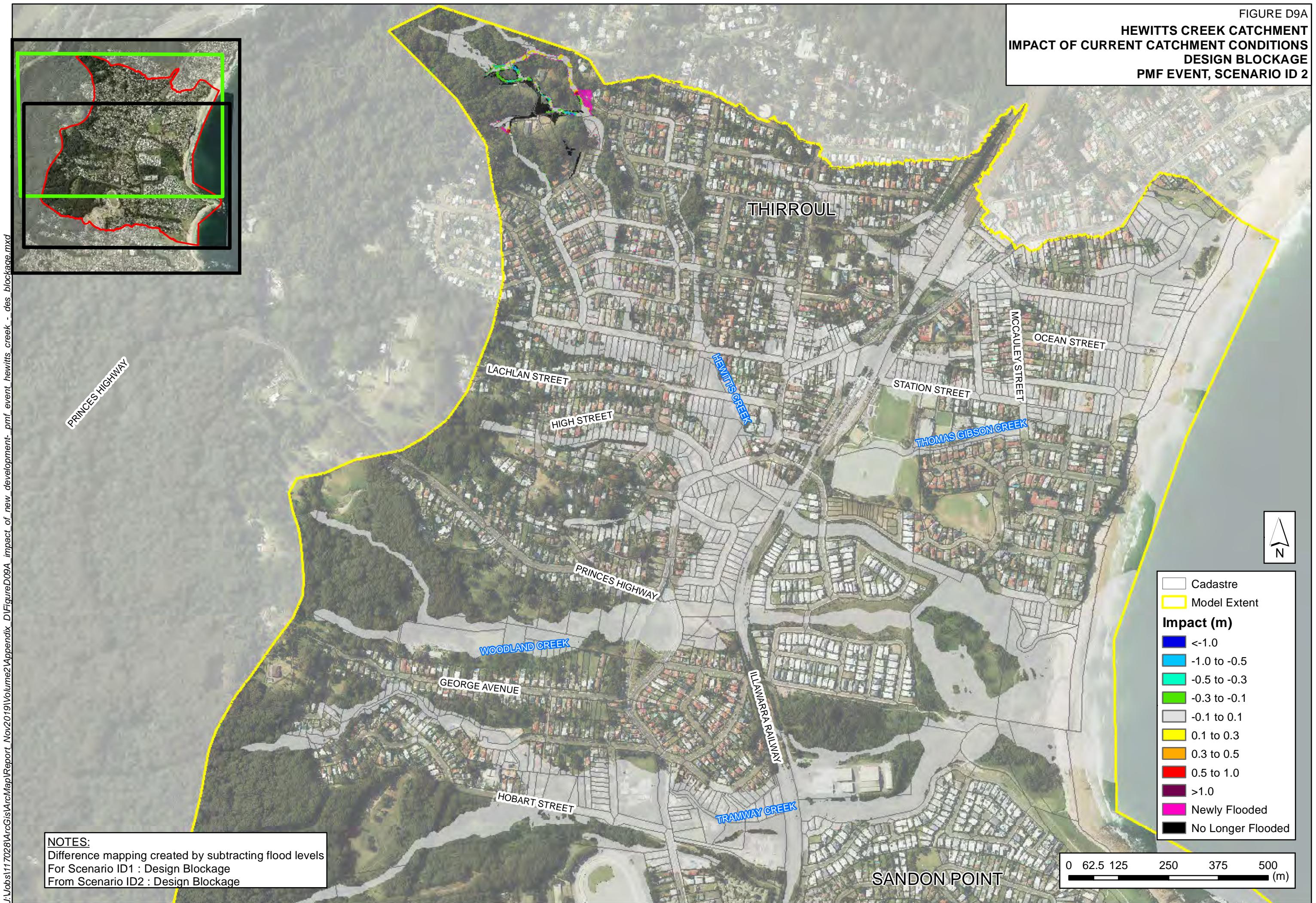


FIGURE D9B

**HEWITTS CREEK CATCHMENT  
IMPACT OF CURRENT CATCHMENT CONDITIONS  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

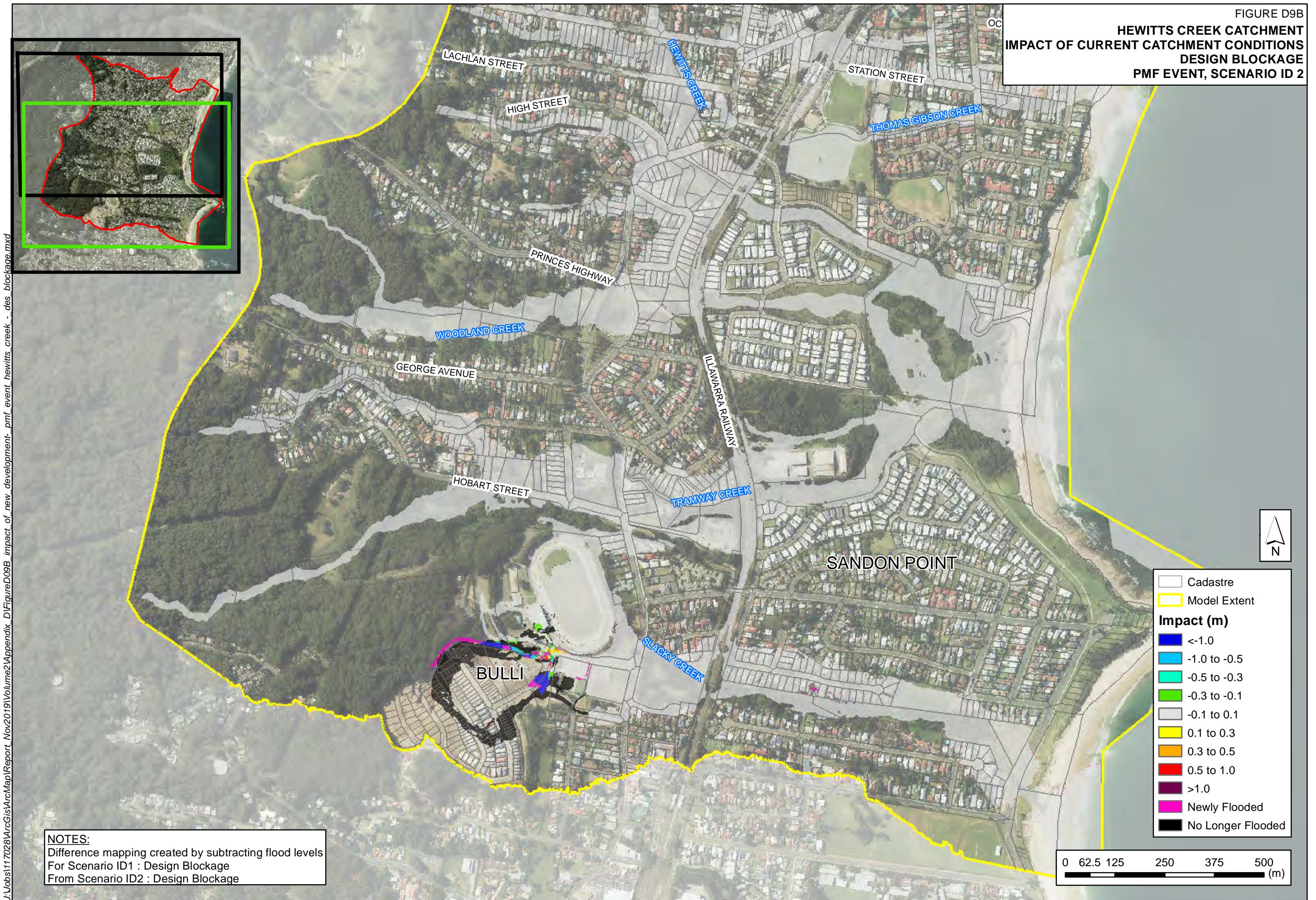


FIGURE D10A

**HEWITTS CREEK CATCHMENT**  
**IMPACT OF CURRENT CATCHMENT CONDITIONS**  
**RISK MANAGEMENT BLOCKAGE**  
**PMF EVENT, SCENARIO ID 2**

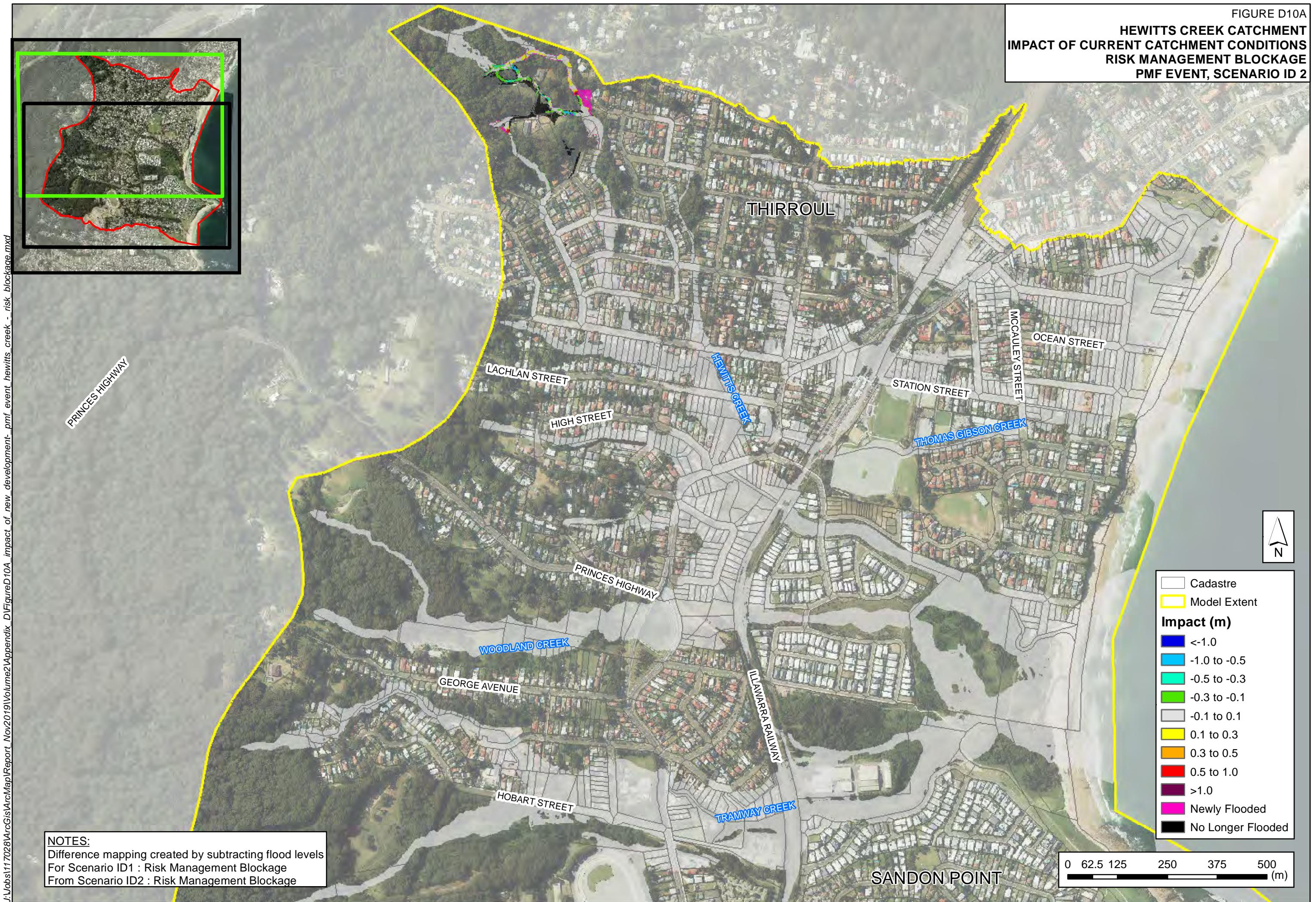


FIGURE D10B

**HEWITTS CREEK CATCHMENT  
IMPACT OF CURRENT CATCHMENT CONDITIONS  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

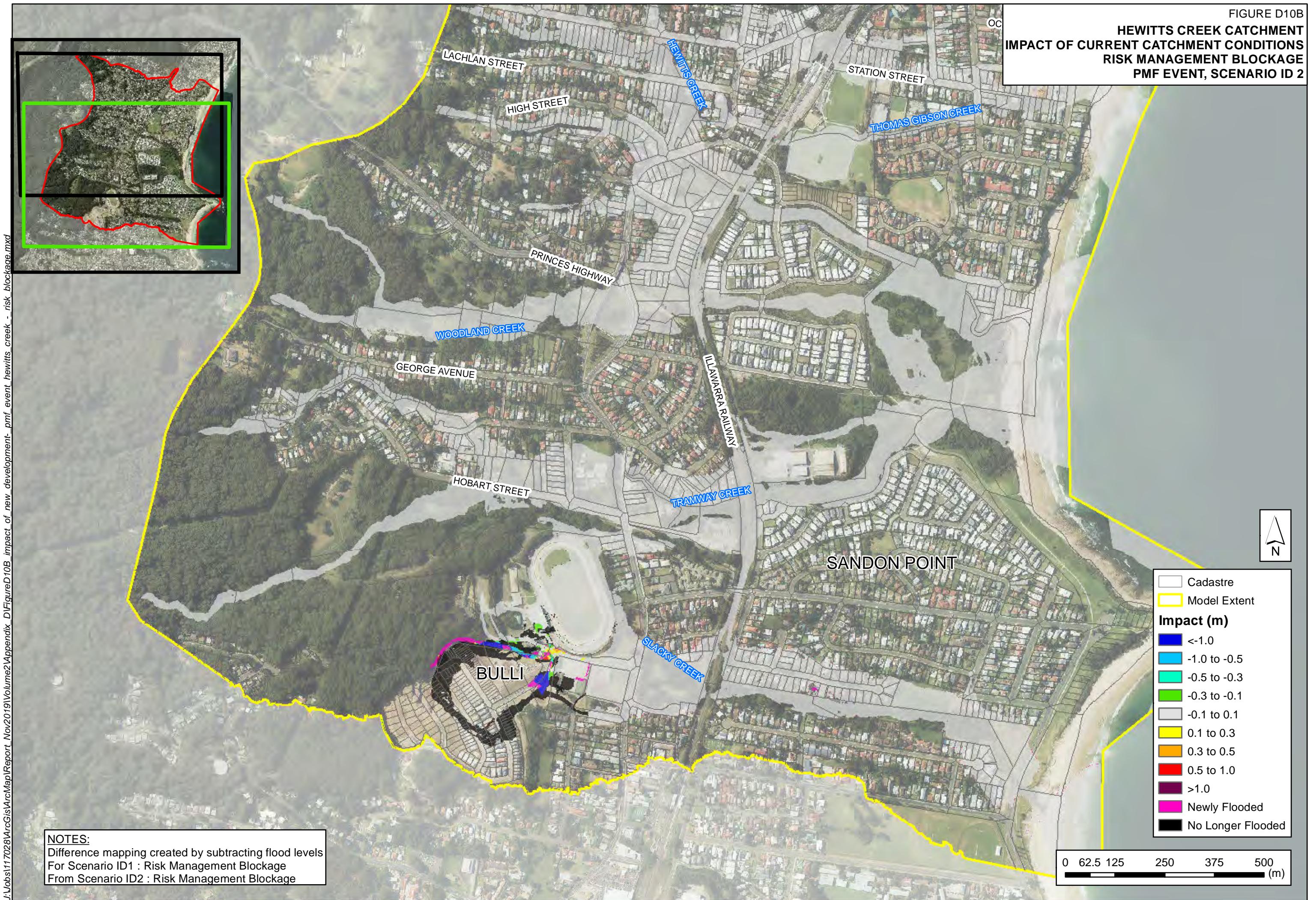


FIGURE D11A

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

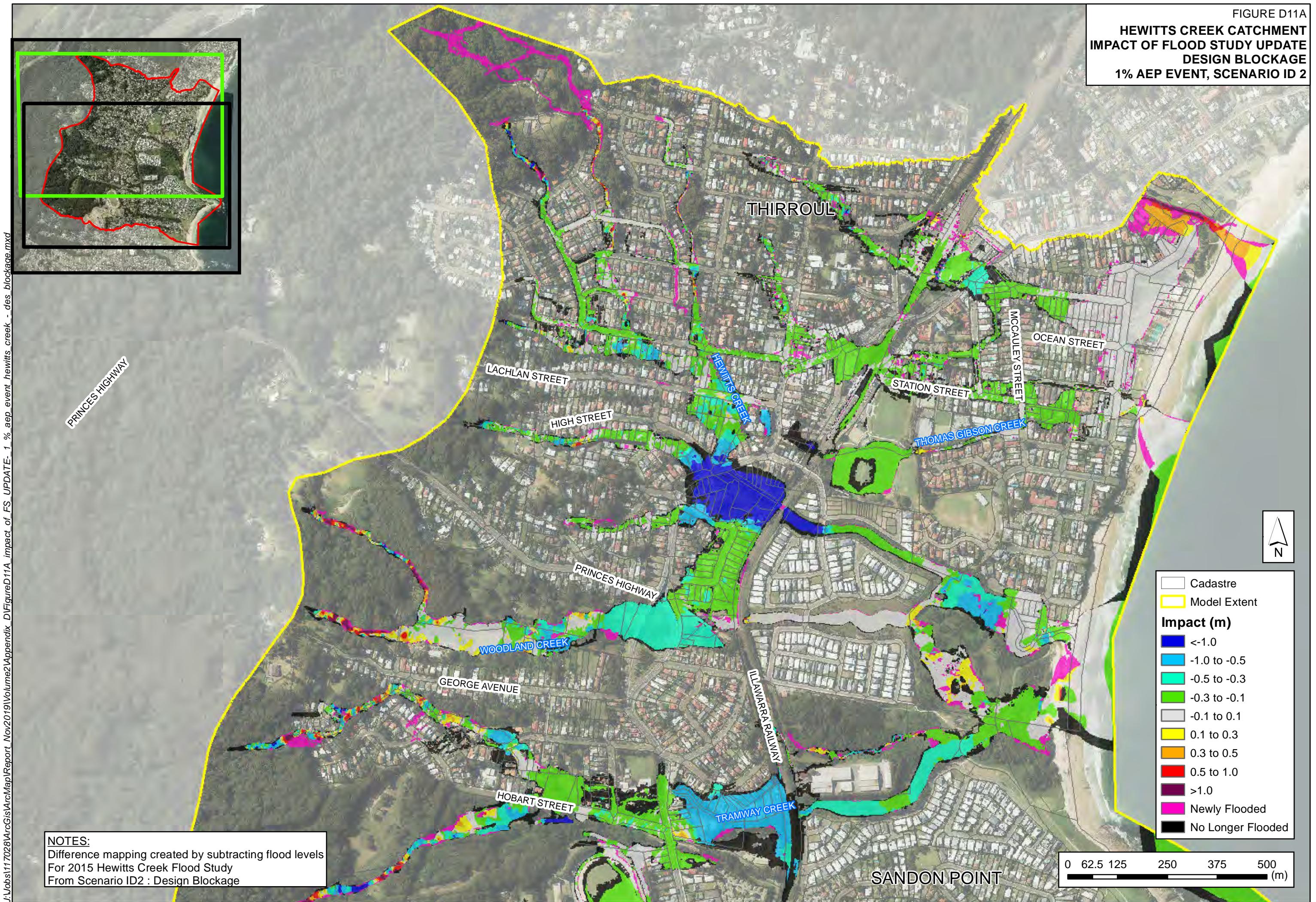


FIGURE D11B

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
DESIGN BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

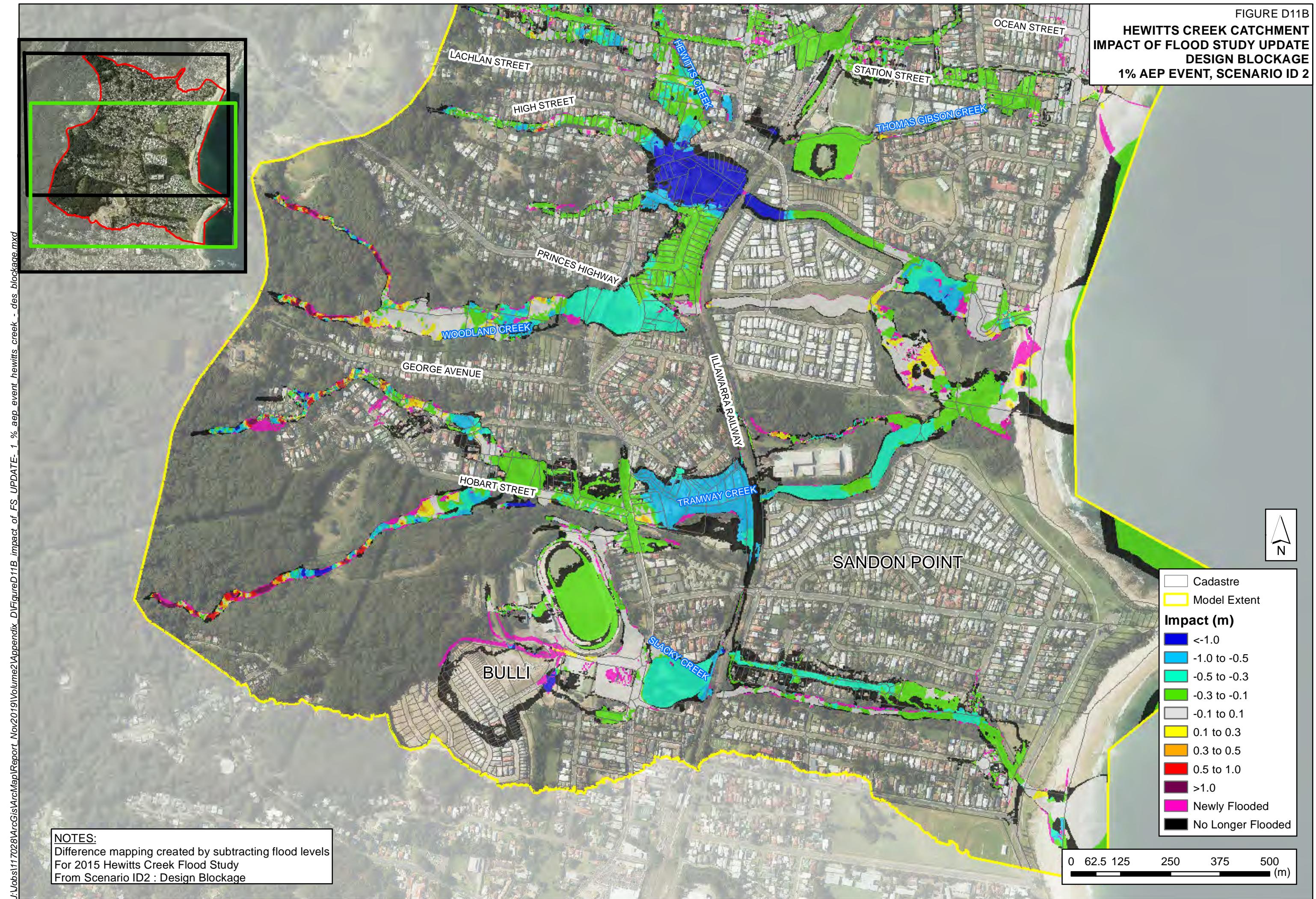


FIGURE D12A

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

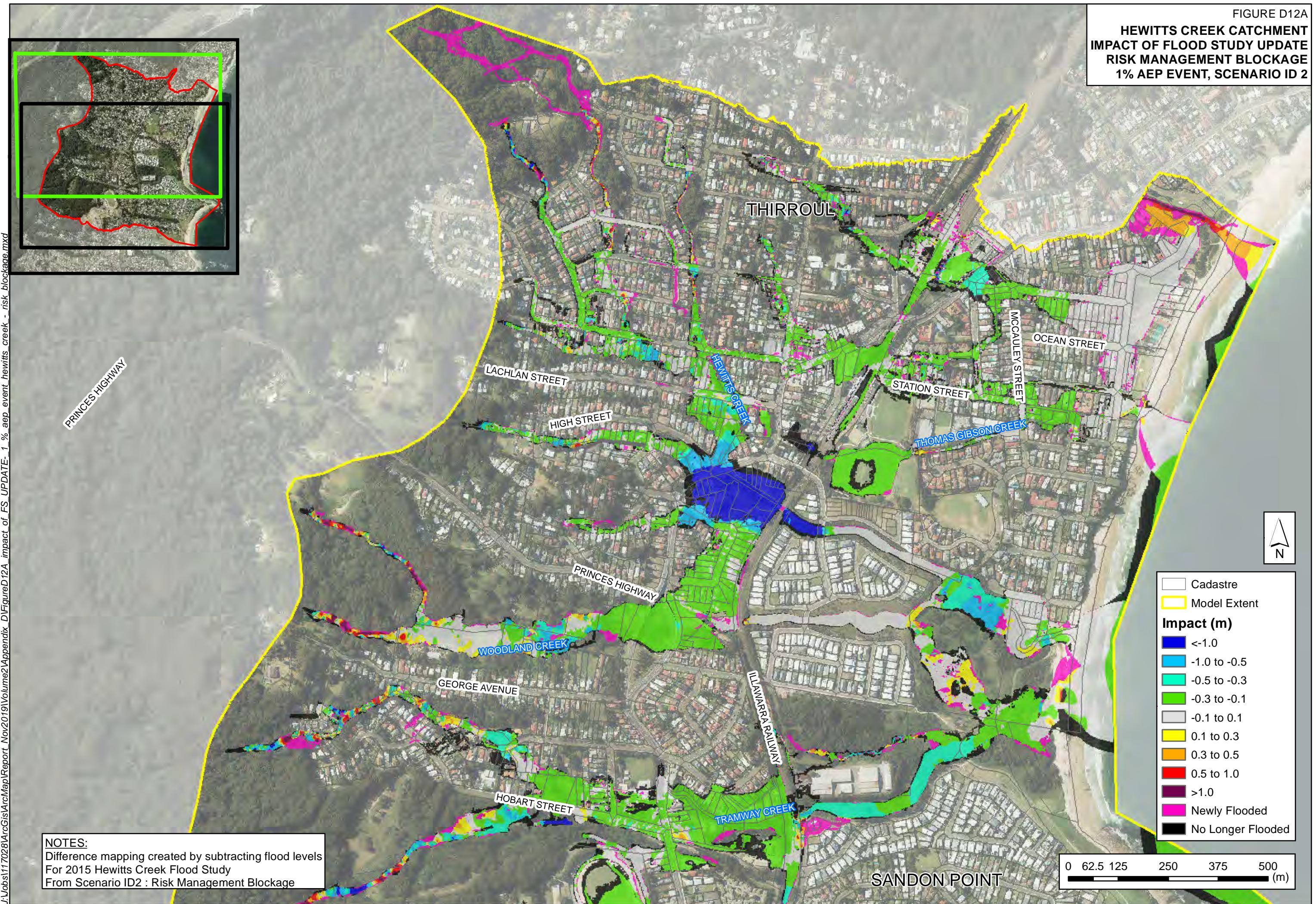


FIGURE D12B

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
RISK MANAGEMENT BLOCKAGE  
1% AEP EVENT, SCENARIO ID 2**

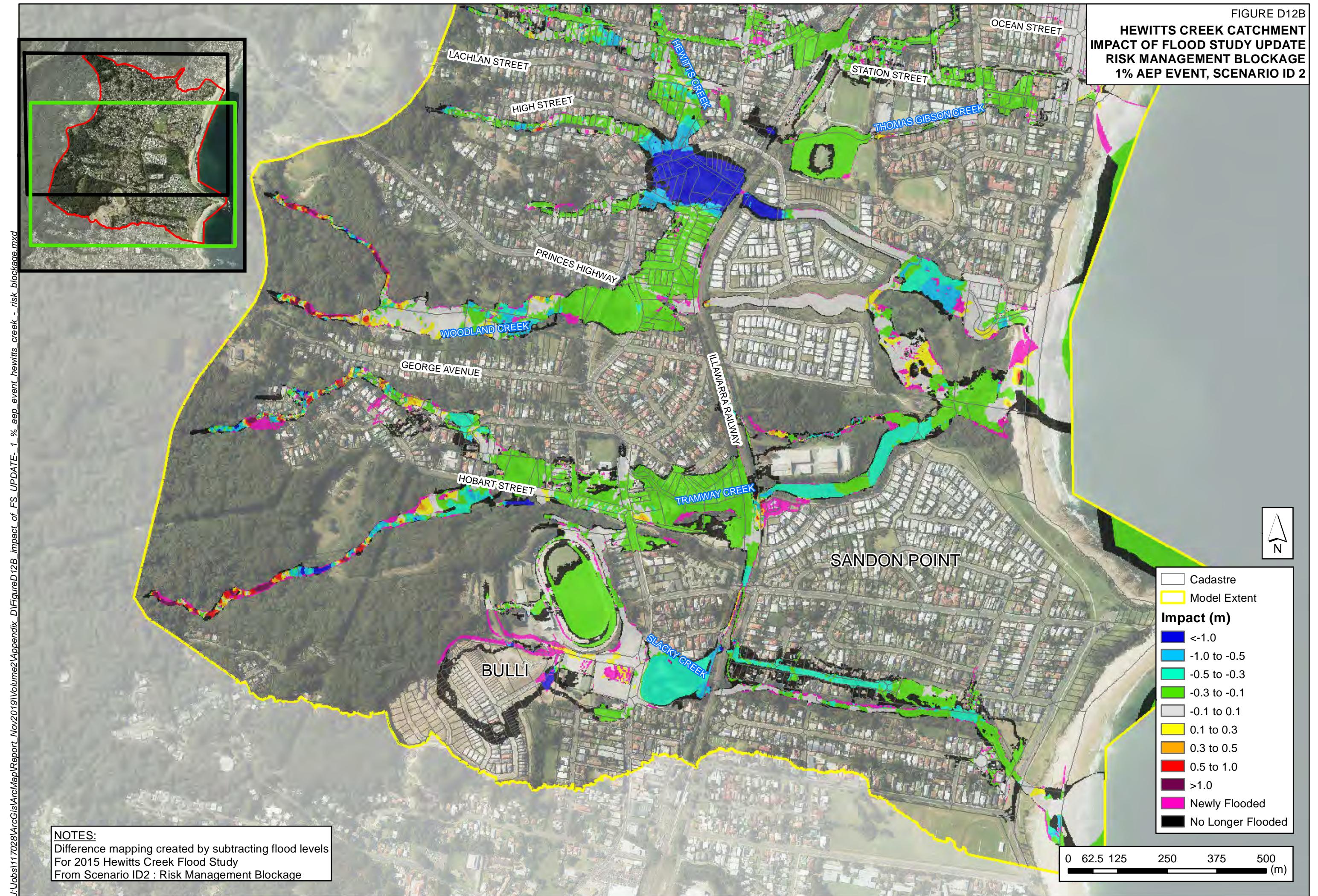


FIGURE D13A

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

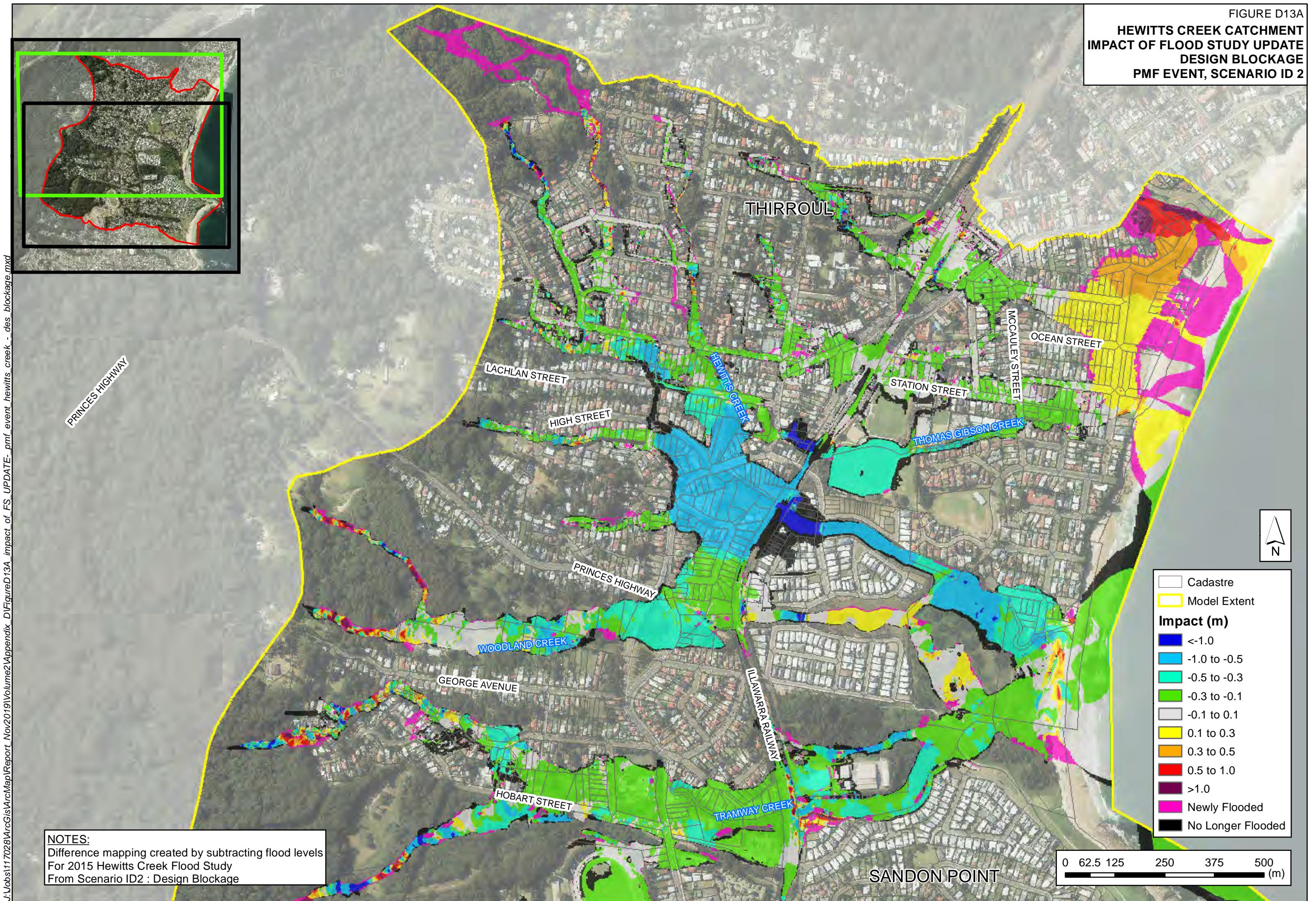


FIGURE D13B

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
DESIGN BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

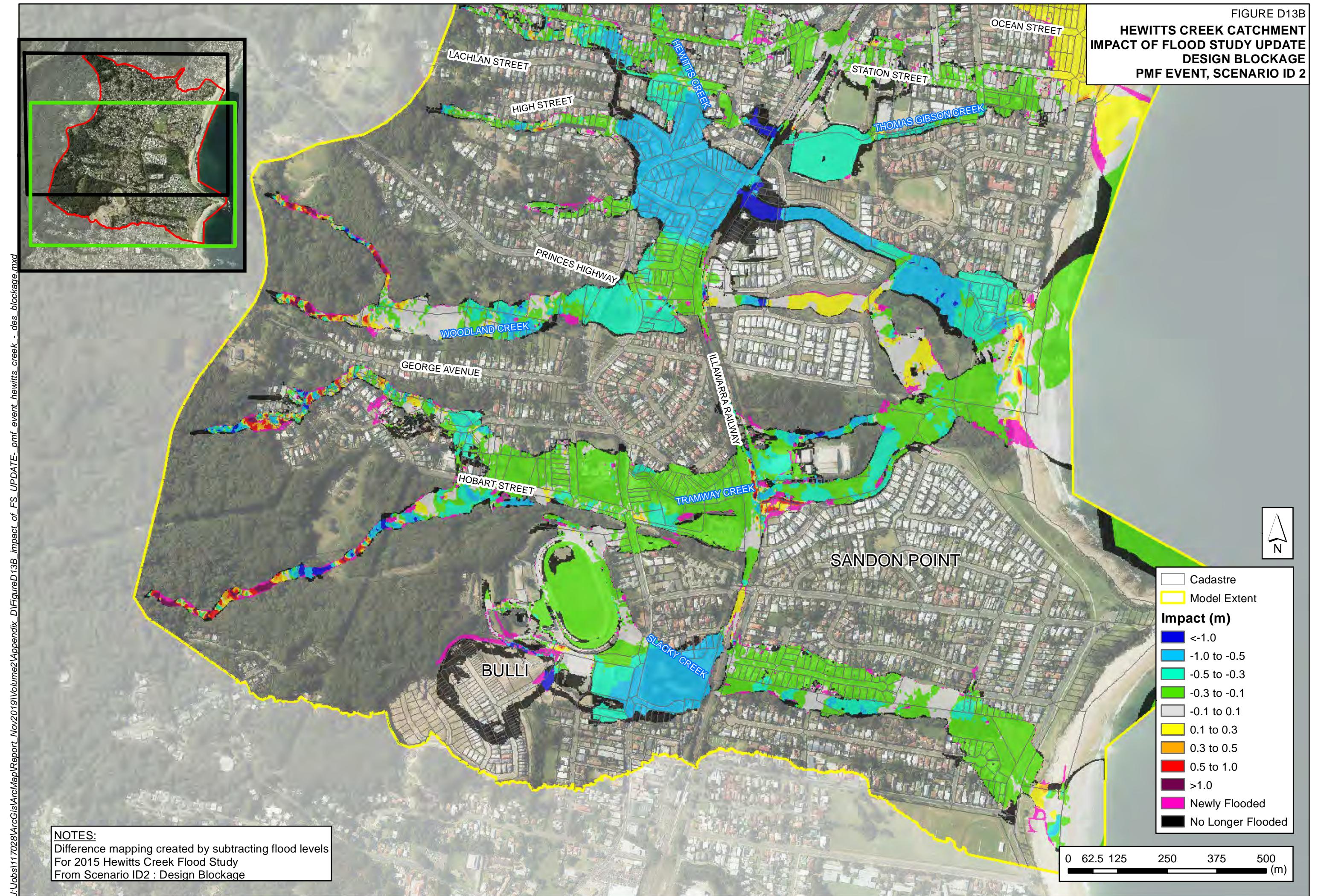


FIGURE D14A

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

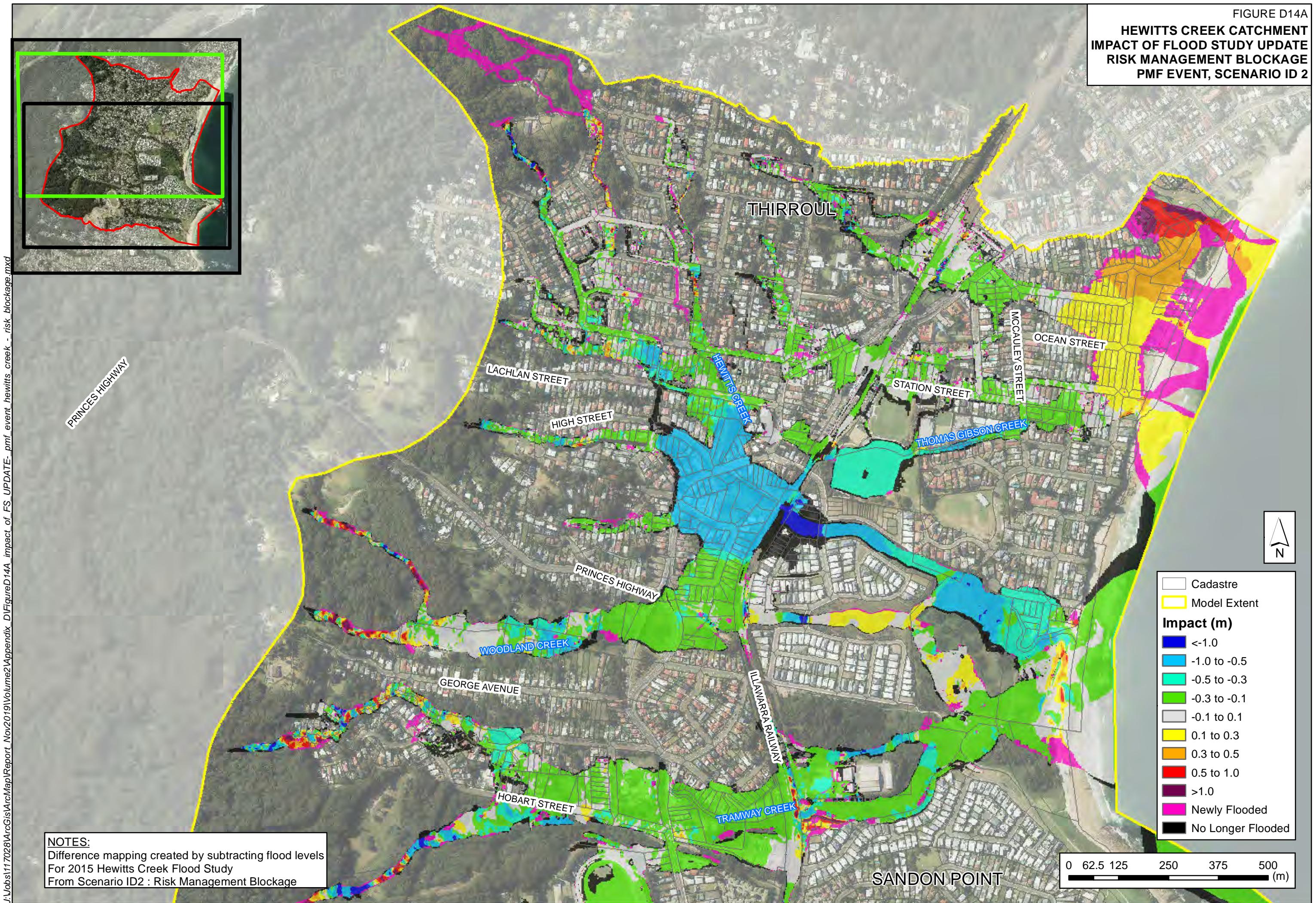


FIGURE D14B

**HEWITTS CREEK CATCHMENT  
IMPACT OF FLOOD STUDY UPDATE  
RISK MANAGEMENT BLOCKAGE  
PMF EVENT, SCENARIO ID 2**

