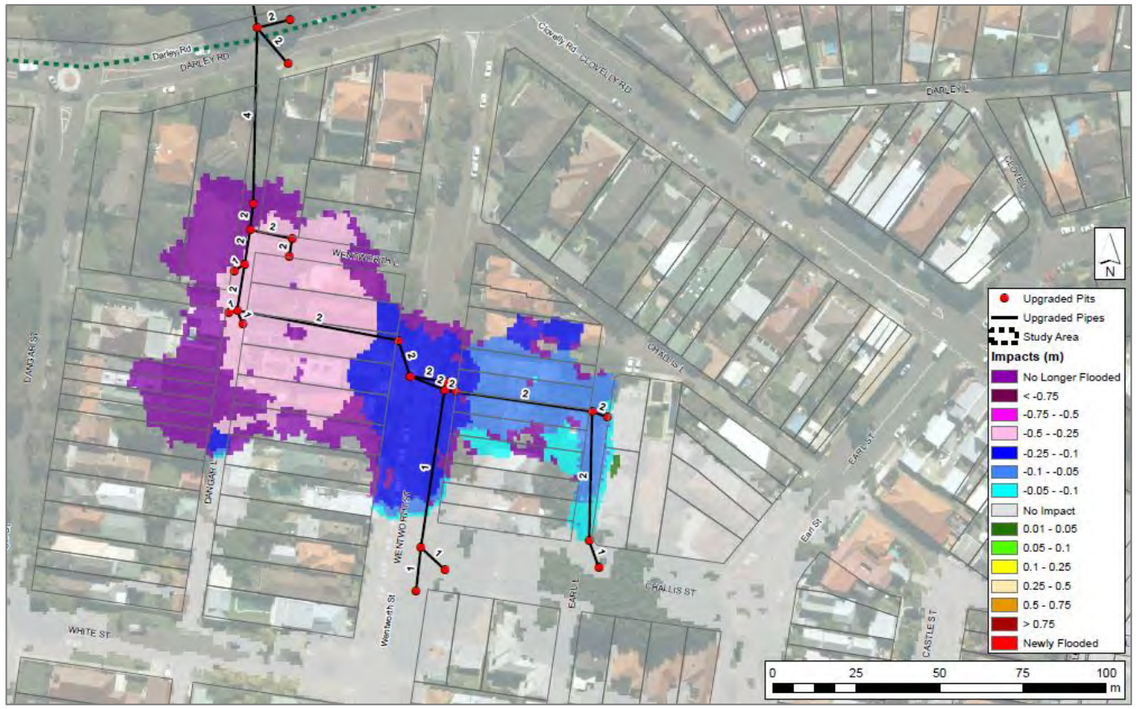
RANDWICK CITY COUNCIL

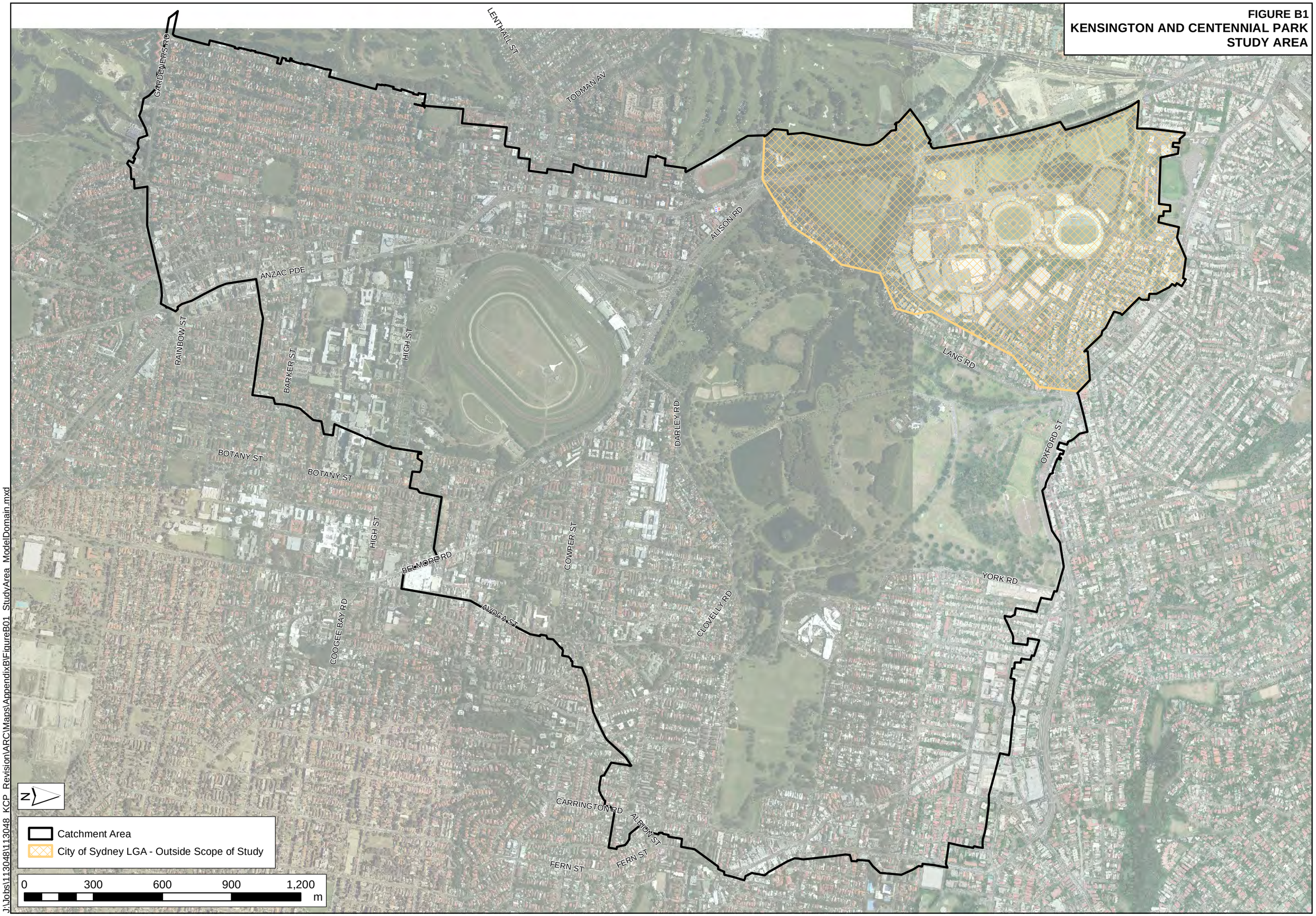
KENSINGTON – CENTENNIAL PARK
FLOODPLAIN RISK MANAGEMENT STUDY & PLAN
VOLUME 2 – MAIN FIGURES and APPENDIX B to D FIGURES
POST LIGHT RAIL



FEBRUARY 2019

Appendix B

FIGURE B1
KENSINGTON AND CENTENNIAL PARK STUDY AREA



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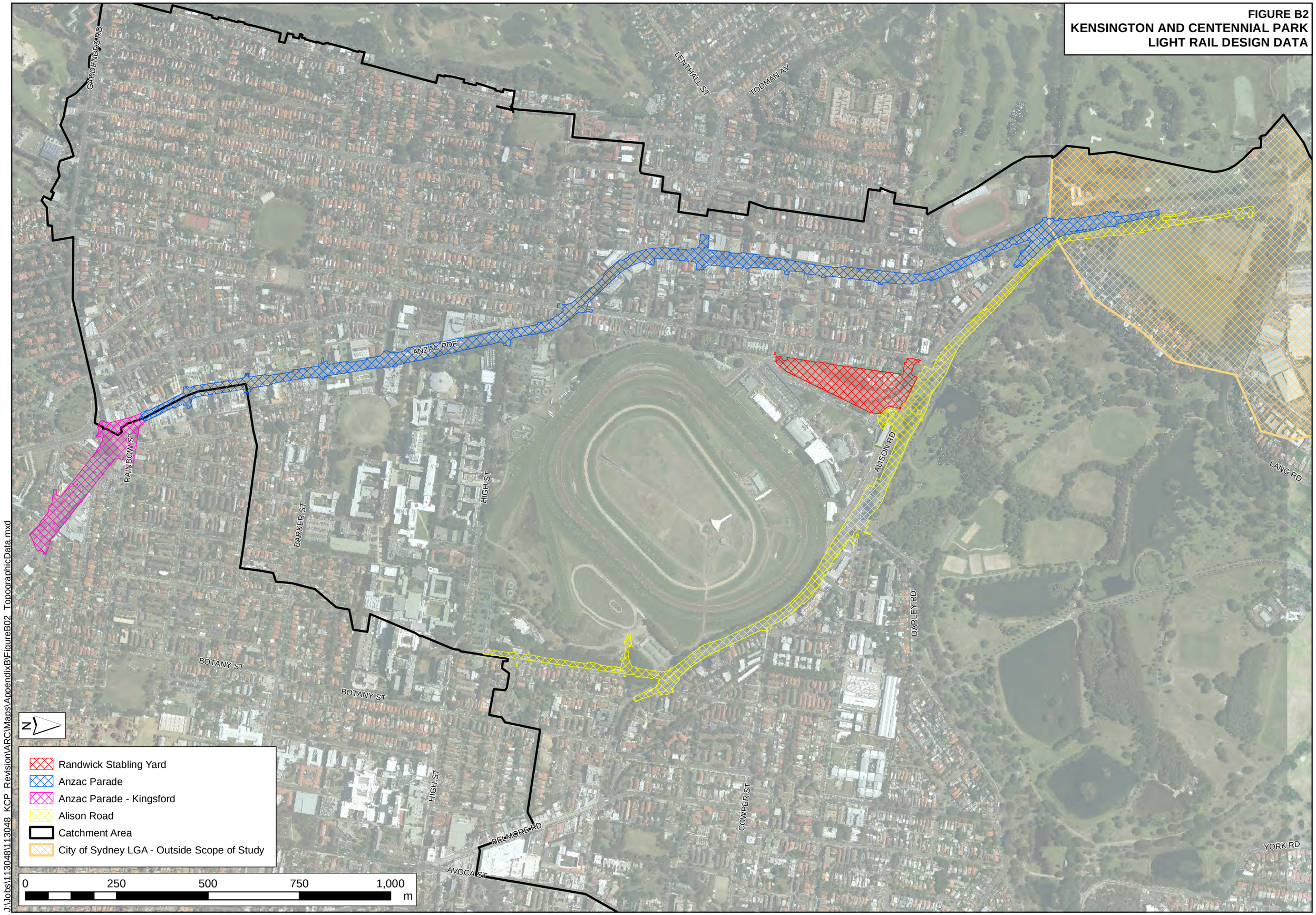

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FIGURE B3
KENSINGTON AND CENTENNIAL PARK
LIGHT RAIL PIT AND PIPE DATA

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixB\FigureB03_Light_Rail_Pit_Pipe_Data.mxd

FIGURE B4
KENSINGTON AND CENTENNIAL PARK HYDROLOGICAL MODEL LAYOUT

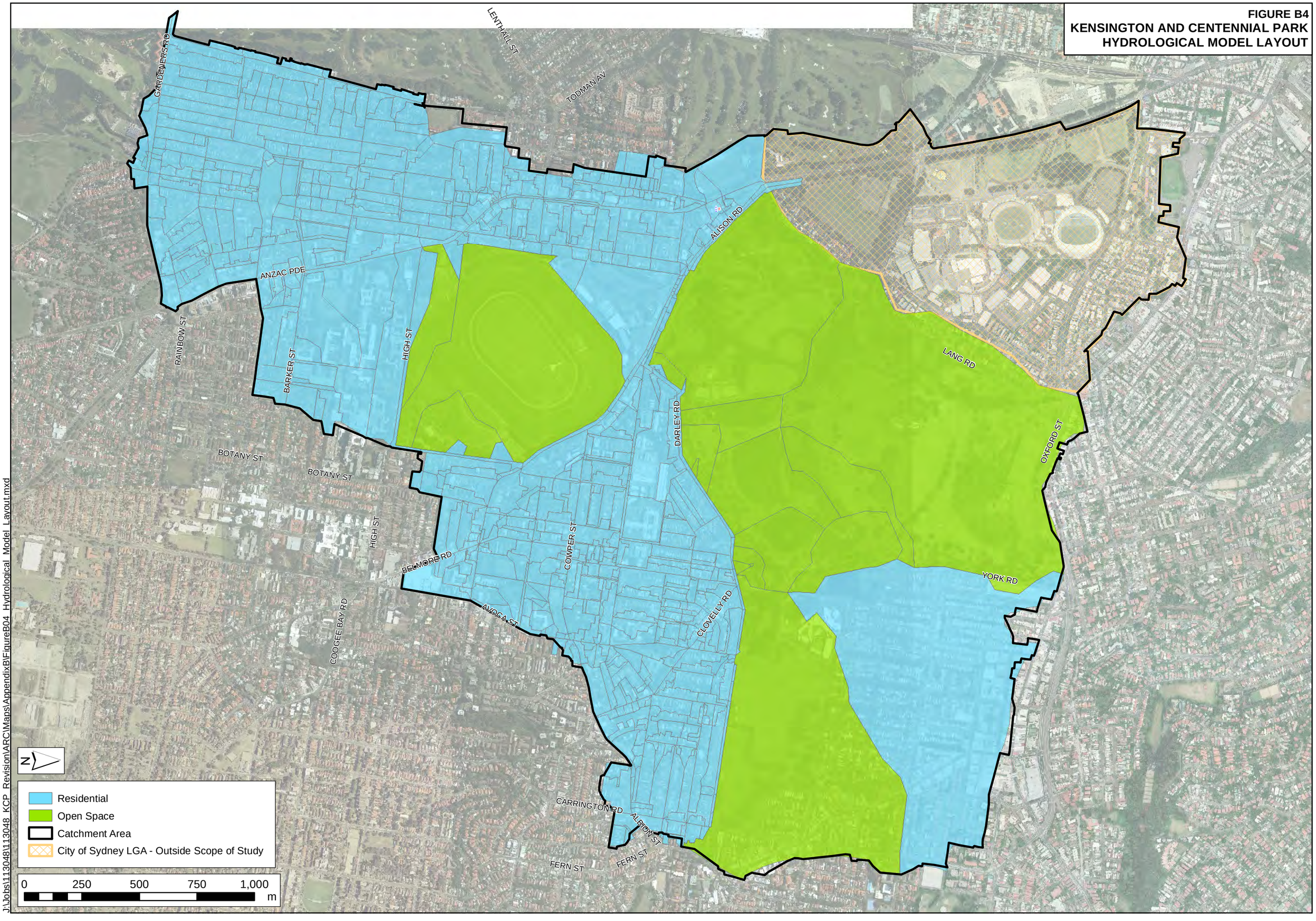

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FIGURE B5
KENSINGTON AND CENTENNIAL PARK HYDRAULIC MODEL LAYOUT

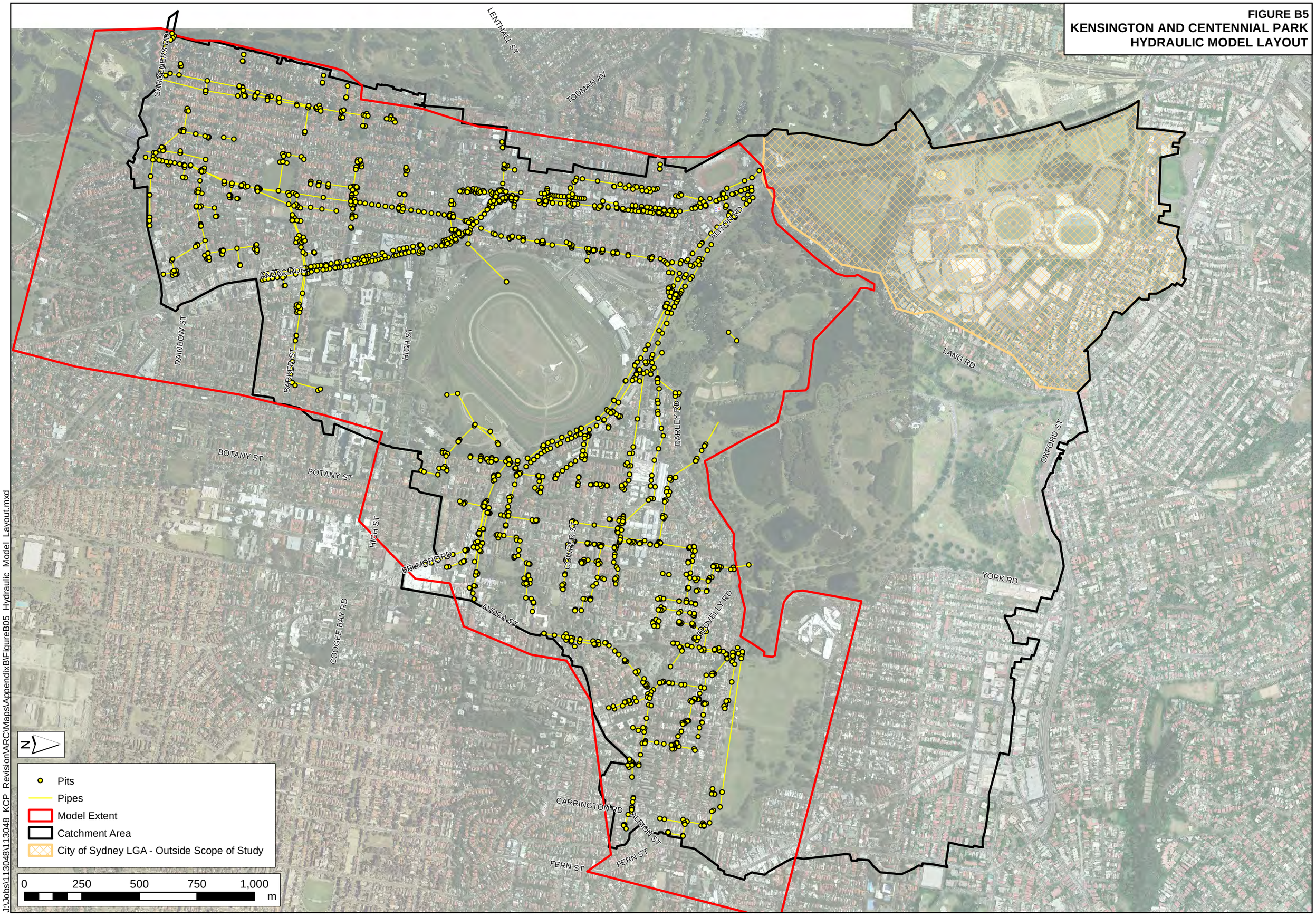

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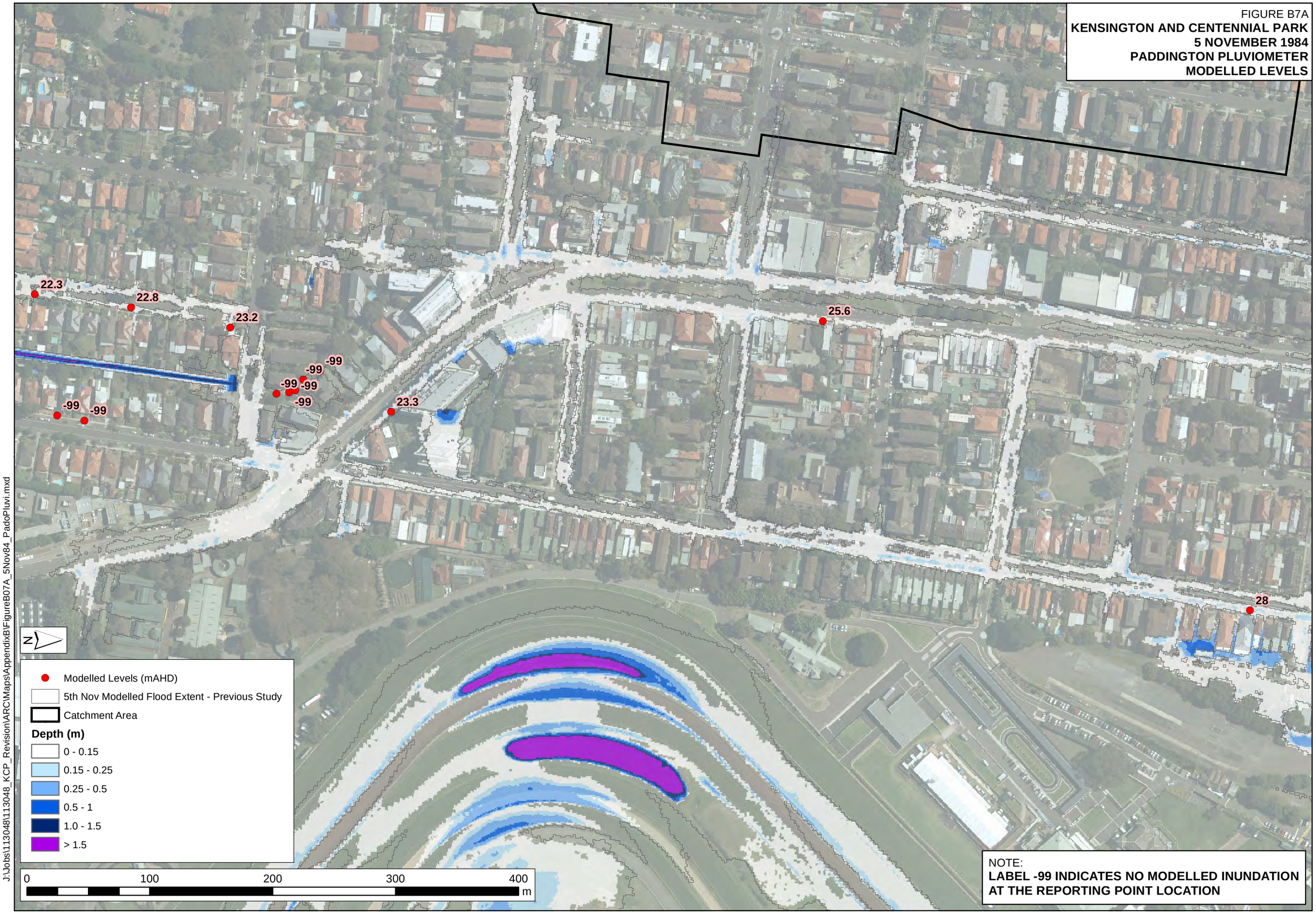
FIGURE B6A
KENSINGTON AND CENTENNIAL PARK
5 NOVEMBER 1984
REPORTING LOCATIONS AND RECORDED FLOOD LEVELS

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixB\FigureB06A_5Nov84_ReportLocations.mxd

FIGURE B6B
KENSINGTON AND CENTENNIAL PARK
5 NOVEMBER 1984
REPORTING LOCATIONS AND RECORDED FLOOD LEVELS

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixB\FigureB06B_5Nov84_ReportLocations.mxd

FIGURE B7A
KENSINGTON AND CENTENNIAL PARK
5 NOVEMBER 1984
PADDINGTON PLUVIOMETER
MODELLED LEVELS



NOTE:
LABEL -99 INDICATES NO MODELLED INUNDATION AT THE REPORTING POINT LOCATION

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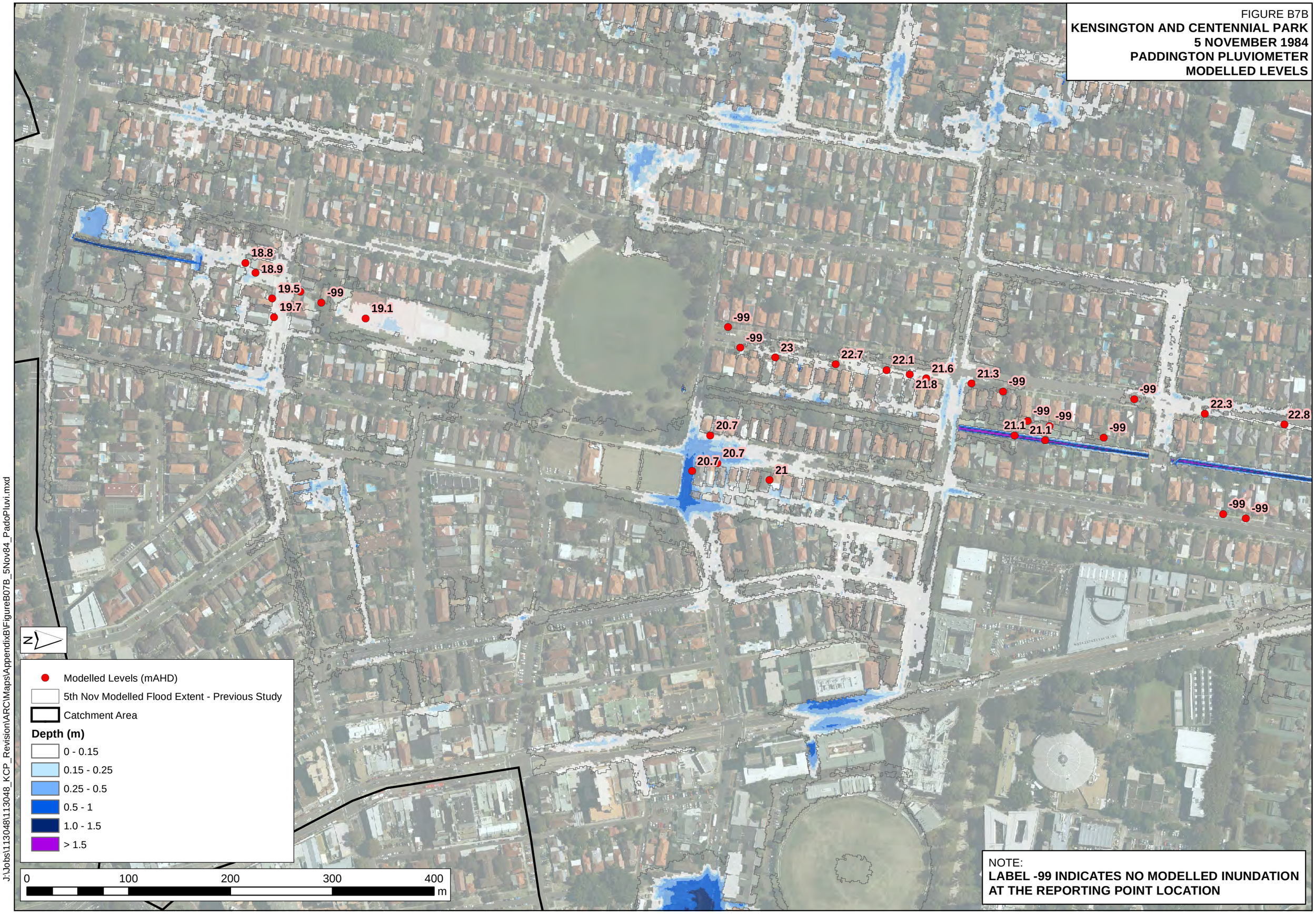
FIGURE B7B
KENSINGTON AND CENTENNIAL PARK
5 NOVEMBER 1984
PADDINGTON PLUVIOMETER
MODELLED LEVELS



NOTE:
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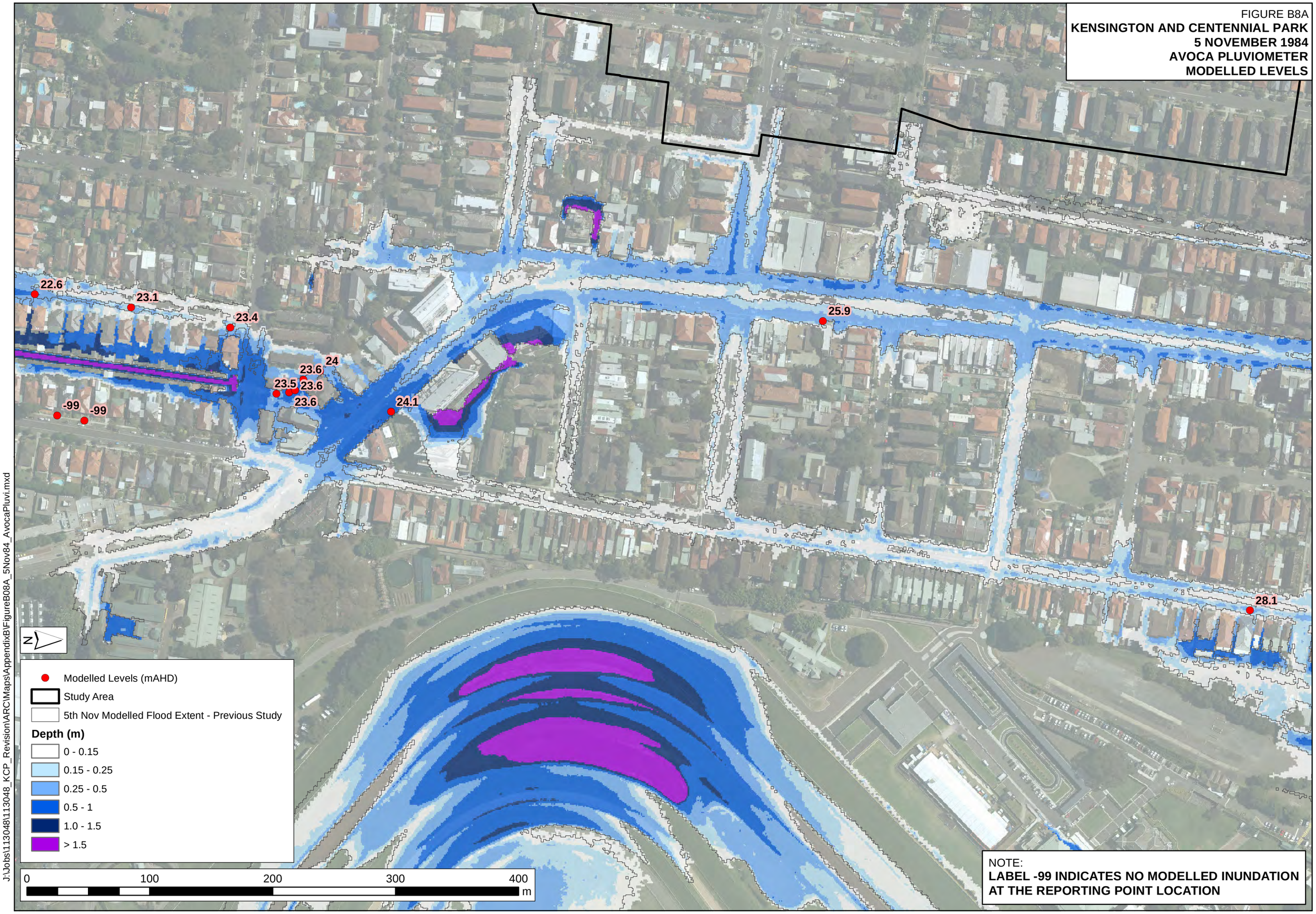
FIGURE B8A
KENSINGTON AND CENTENNIAL PARK
5 NOVEMBER 1984
AVOCA PLUVIOMETER
MODELLED LEVELS



NOTE:
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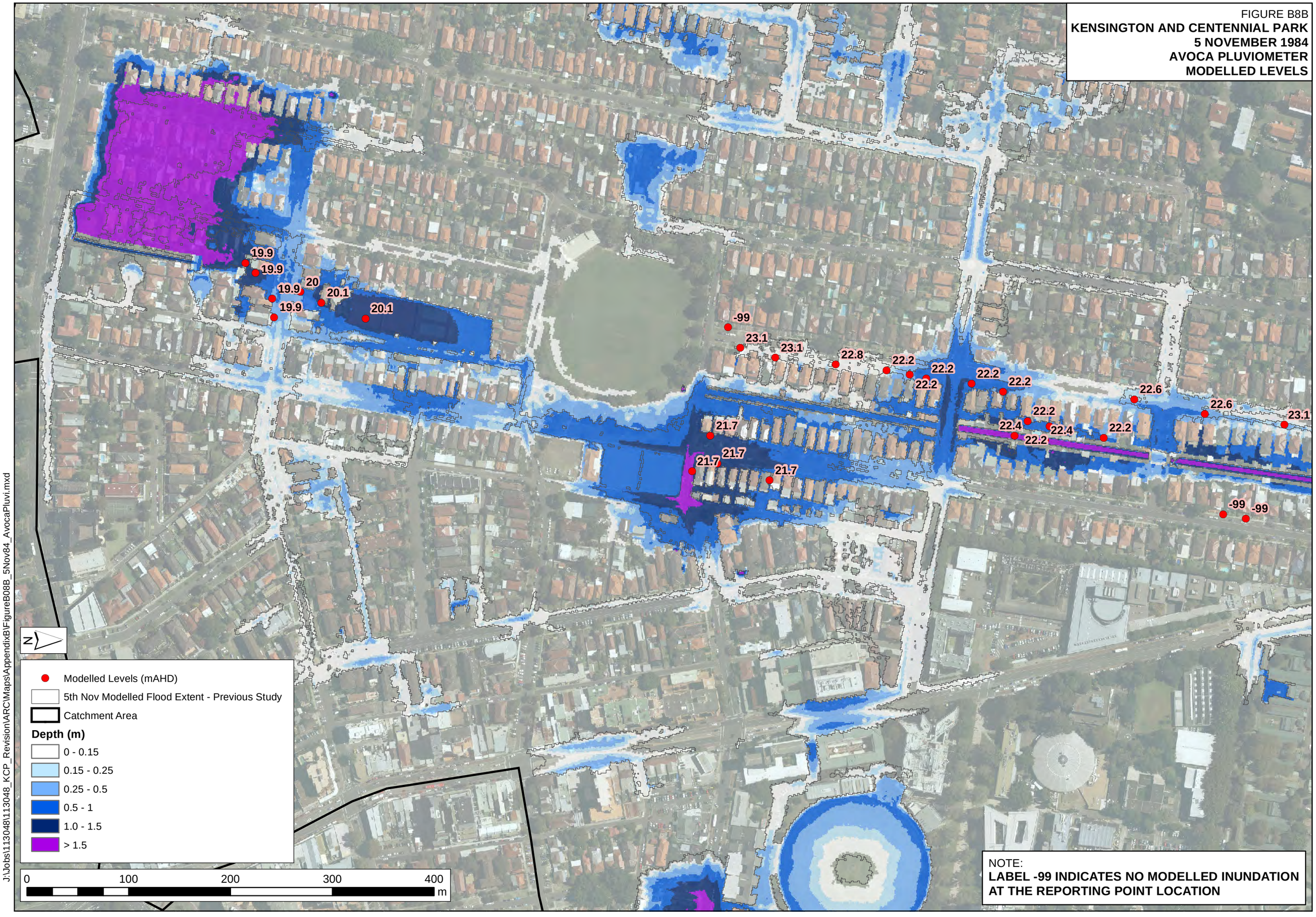
FIGURE B8B
KENSINGTON AND CENTENNIAL PARK
5 NOVEMBER 1984
AVOCA PLUVIOMETER
MODELLED LEVELS



NOTE:
LABEL -99 INDICATES NO MODELLED INUNDATION AT THE REPORTING POINT LOCATION

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FIGURE B9A
KENSINGTON AND CENTENNIAL PARK
8 NOVEMBER 1984
REPORTING LOCATIONS AND RECORDED FLOOD LEVELS

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FIGURE B9B

KENSINGTON AND CENTENNIAL PARK

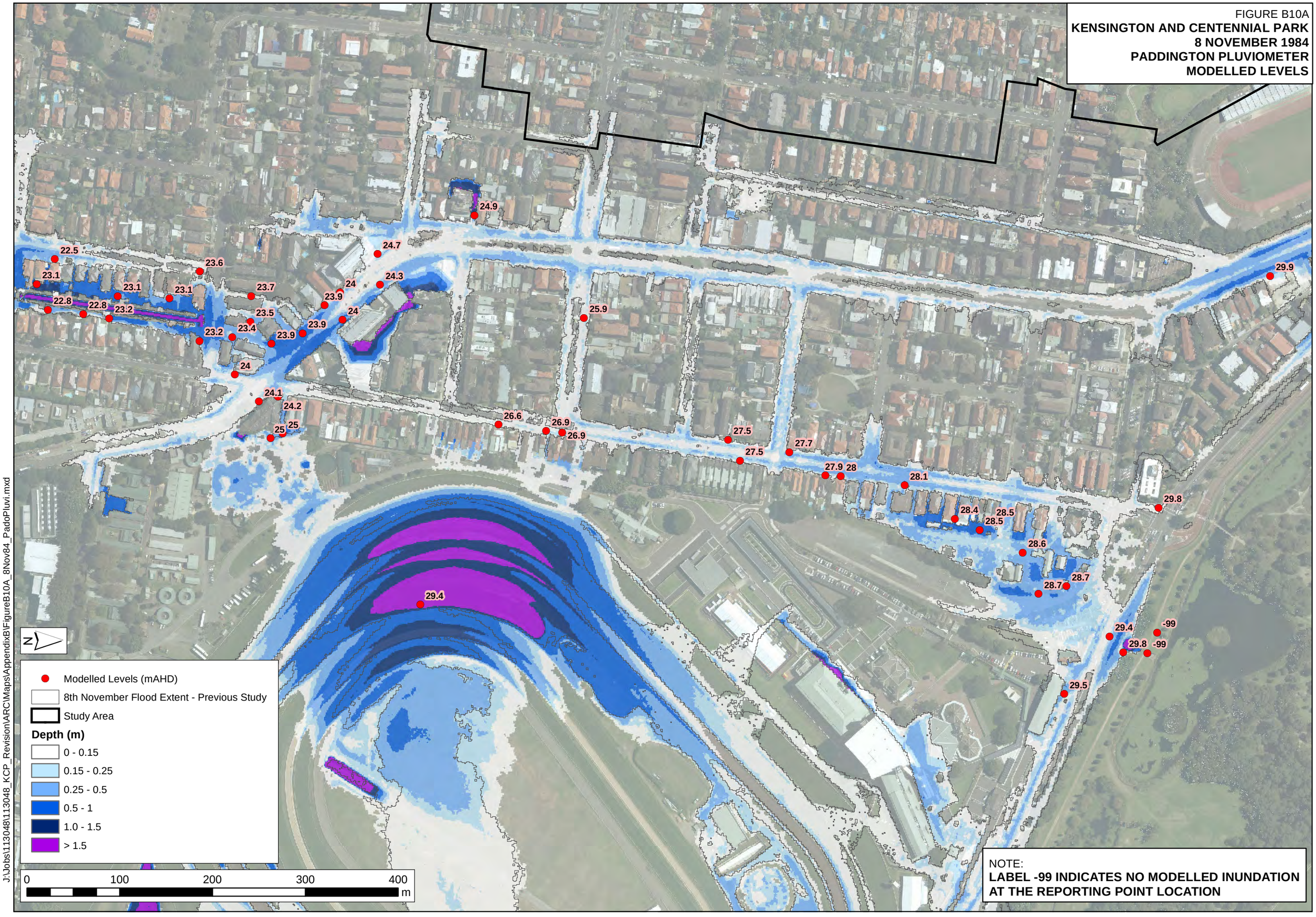
8 NOVEMBER 1984

REPORTING LOCATIONS AND RECORDED FLOOD LEVELS

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixB\FigureB09B_8Nov84_ReportLocations.mxd

FIGURE B10A

KENSINGTON AND CENTENNIAL PARK
8 NOVEMBER 1984
PADDINGTON PLUVIOMETER
MODELLED LEVELS



NOTE:
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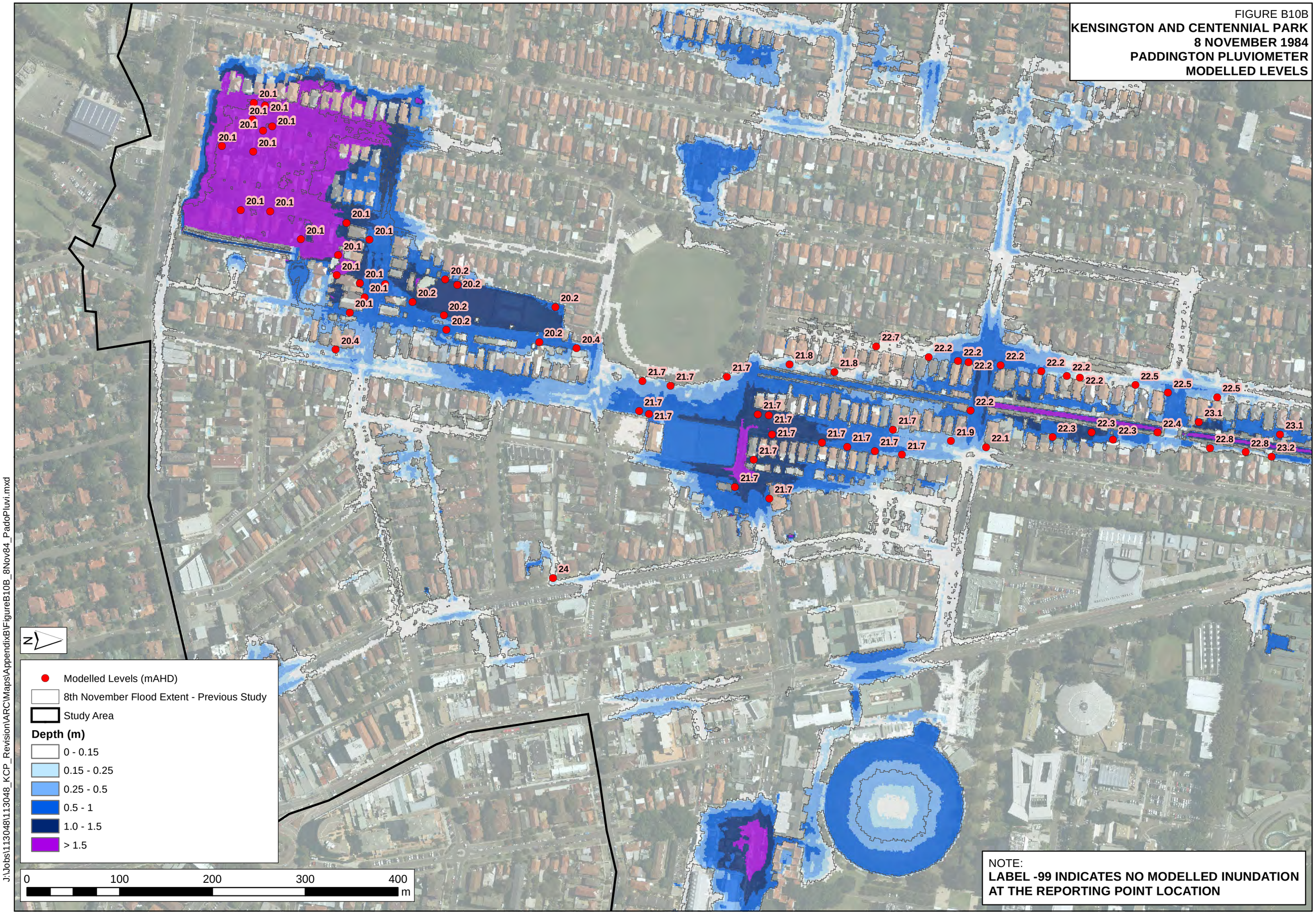
FIGURE B10B

KENSINGTON AND CENTENNIAL PARK
8 NOVEMBER 1984
PADDINGTON PLUVIOMETER
MODELLED LEVELS



NOTE:
LABEL -99 INDICATES NO MODELLED INUNDATION AT THE REPORTING POINT LOCATION

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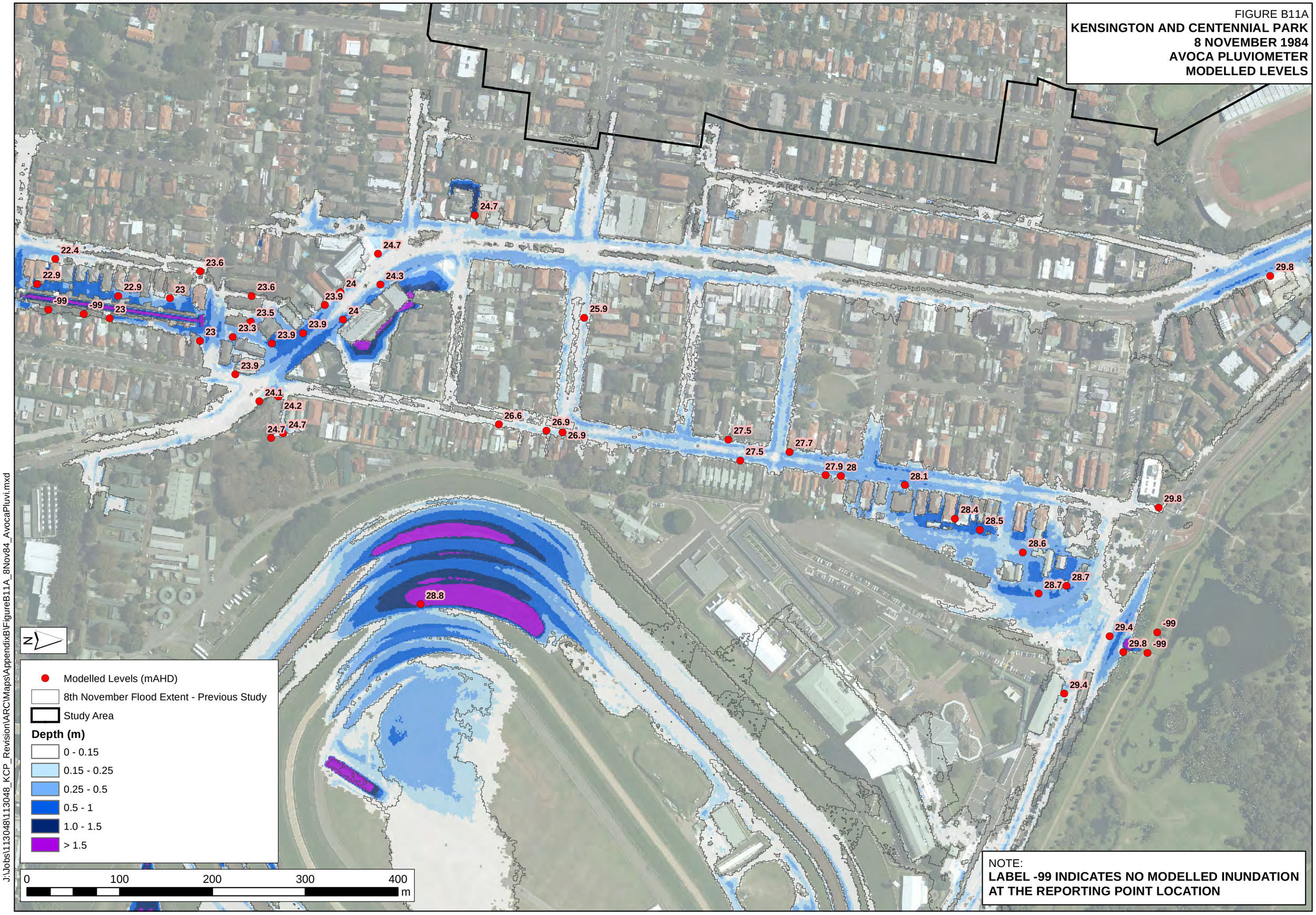
FIGURE B11A

KENSINGTON AND CENTENNIAL PARK
8 NOVEMBER 1984
AVOCA PLUVIOMETER
MODELLED LEVELS



NOTE:
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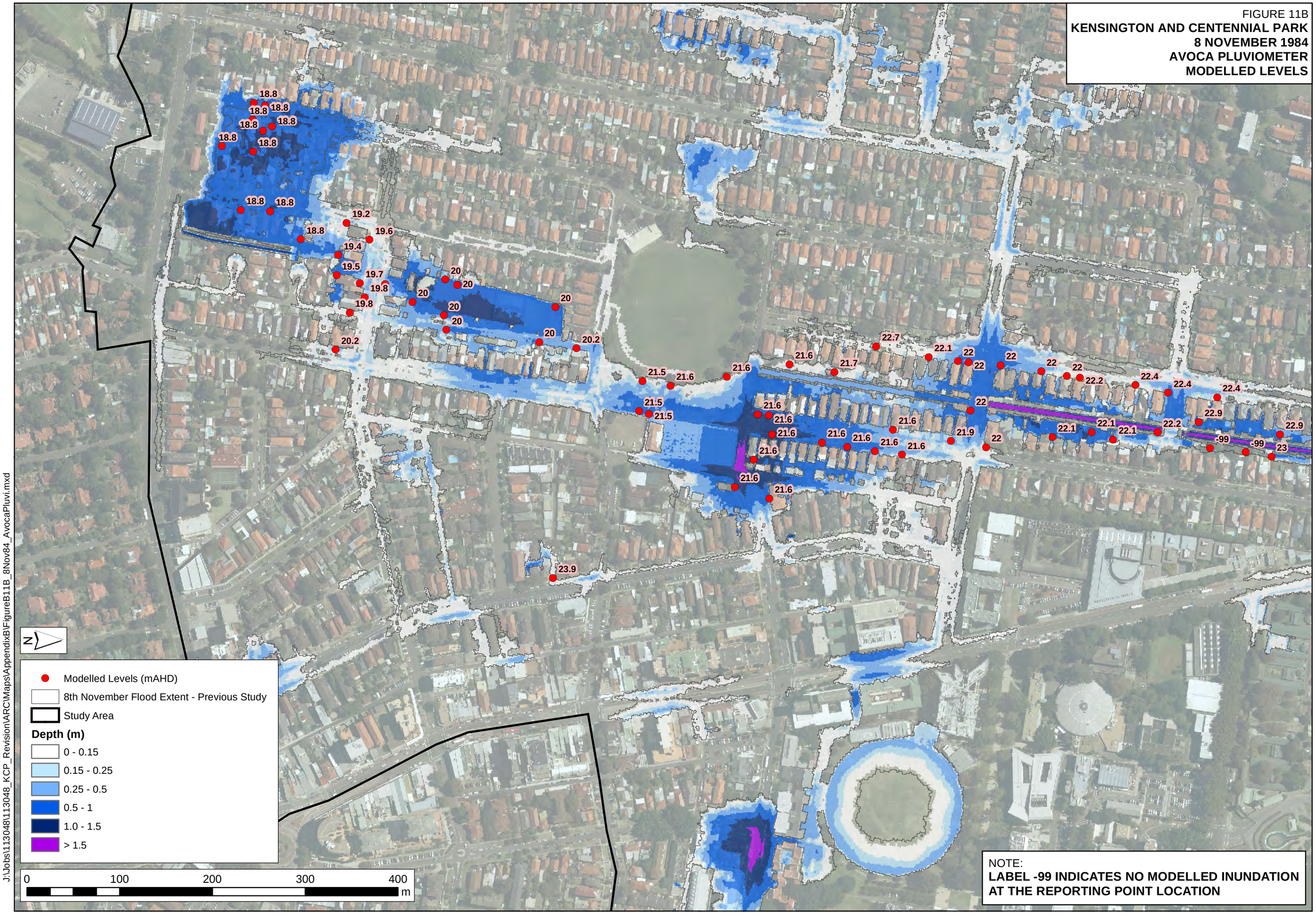
FIGURE 11B
KENSINGTON AND CENTENNIAL PARK
8 NOVEMBER 1984
AVOCA PLUVIOMETER
MODELLED LEVELS



NOTE:
LABEL -99 INDICATES NO MODELLED INUNDATION AT THE REPORTING POINT LOCATION

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FIGURE B12

KENSINGTON AND CENTENNIAL PARK
CRITICAL DURATION ANALYSIS
1% AEP EVENT

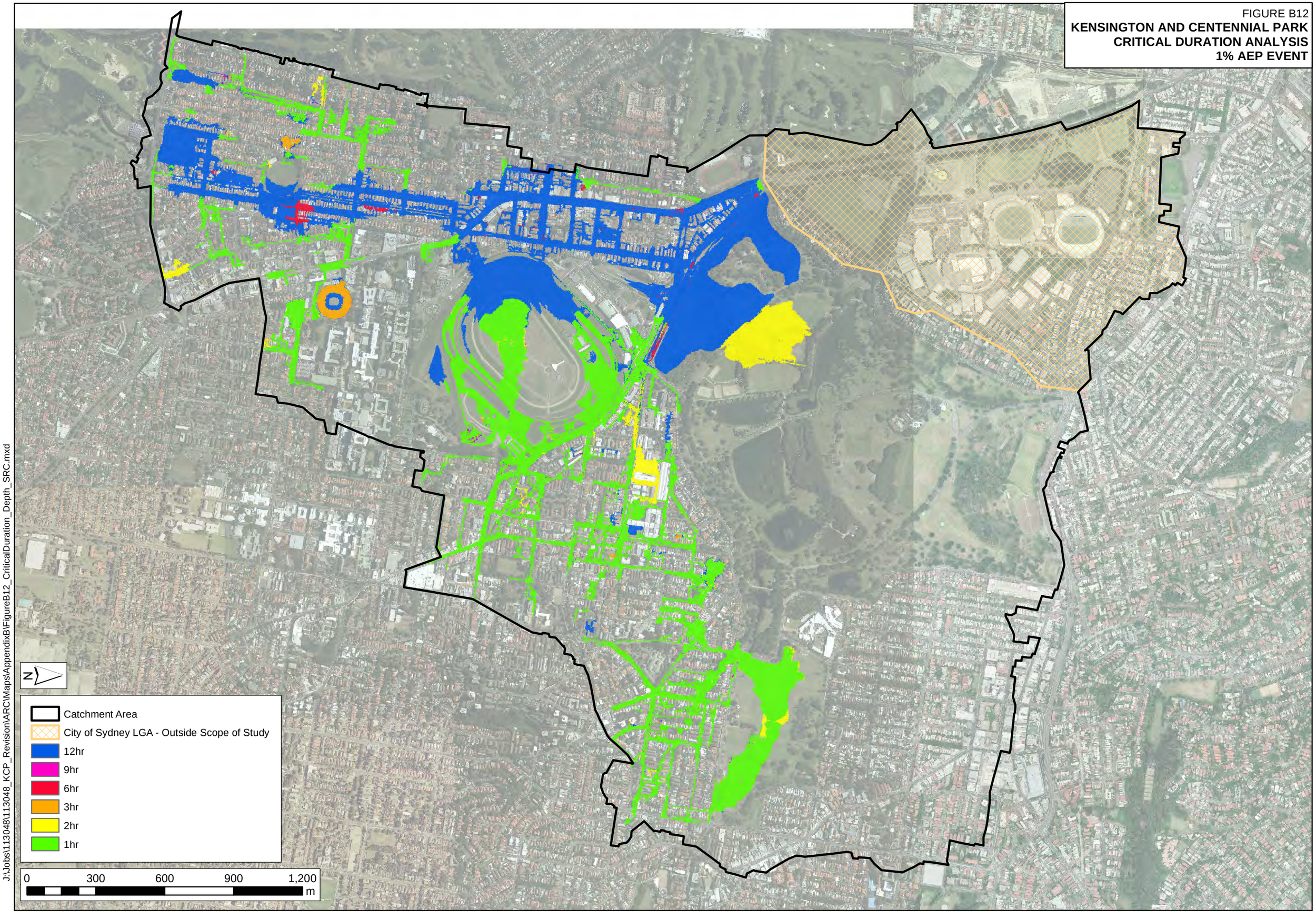

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FIGURE B13
KENSINGTON AND CENTENNIAL PARK
IMPACT MAP 12 HOUR 1% AEP EVENT
TEMPORAL PATTERN 08 VS MEAN DEPTH GRID

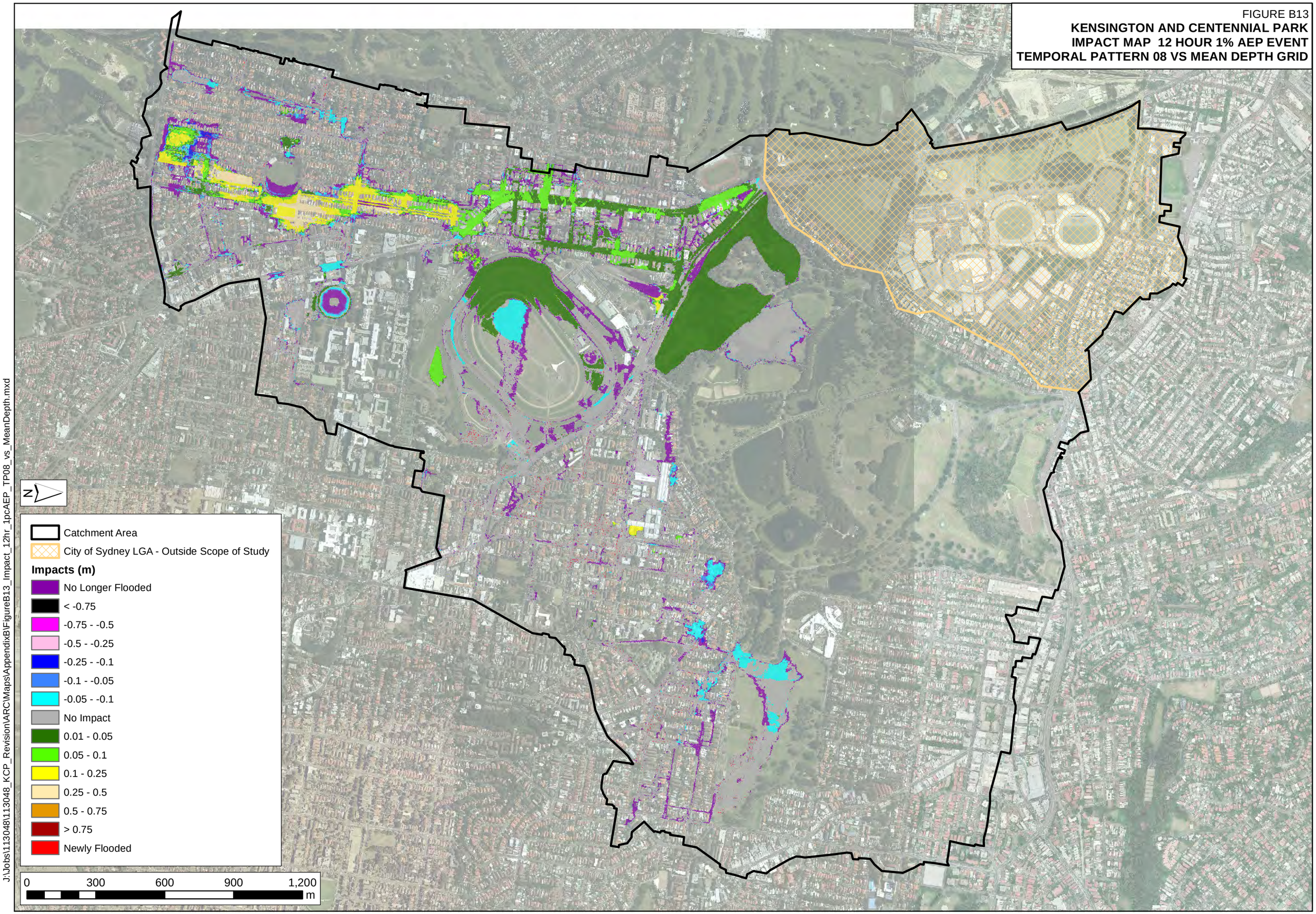

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FIGURE B14
KENSINGTON AND CENTENNIAL PARK DESIGN REPORTING LOCATIONS

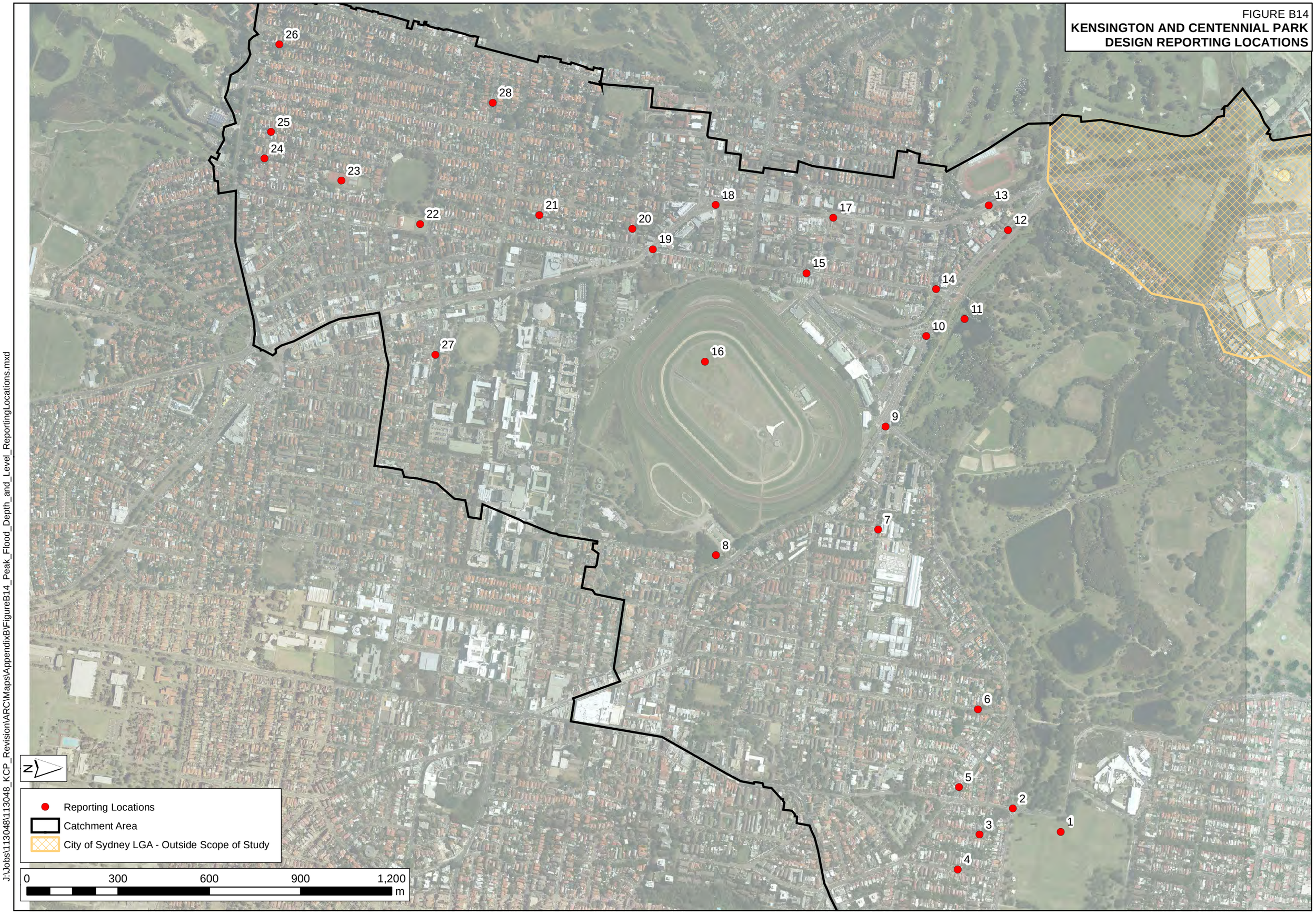

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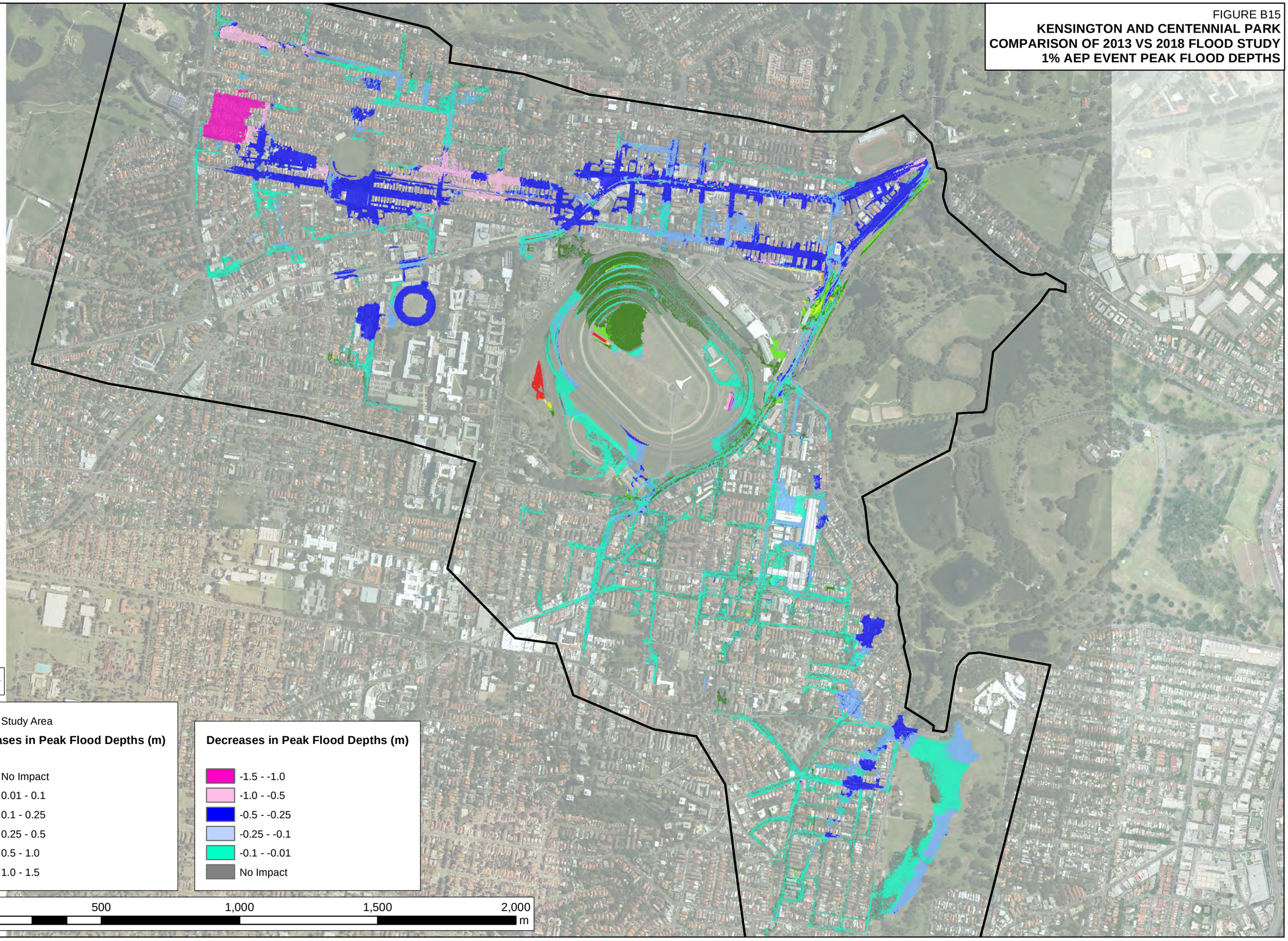
FIGURE B15

KENSINGTON AND CENTENNIAL PARK
COMPARISON OF 2013 VS 2018 FLOOD STUDY
1% AEP EVENT PEAK FLOOD DEPTHS



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Appendix C

FIGURE C1A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1 EY EVENT

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FIGURE C1B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1 EY EVENT

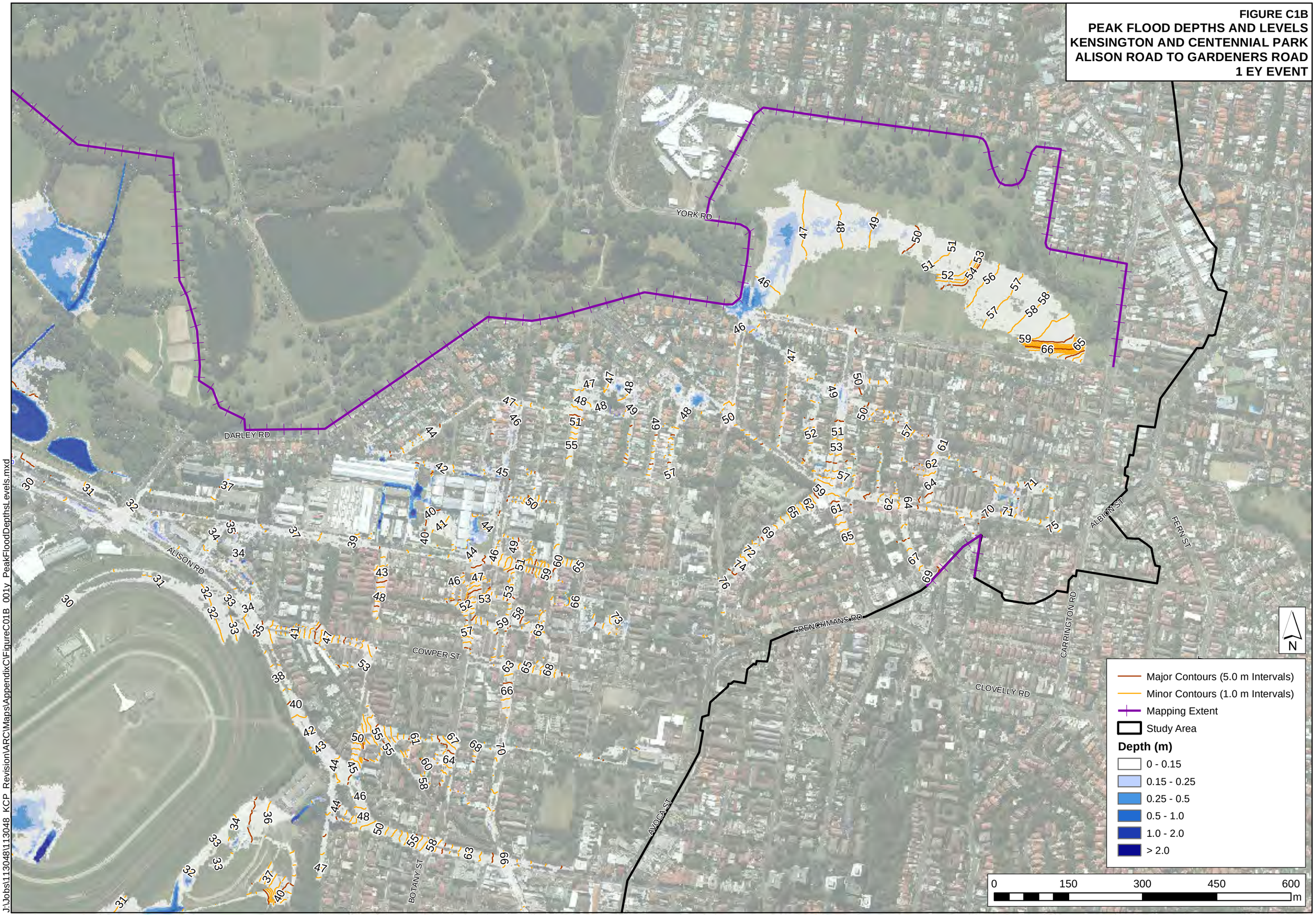

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FIGURE C2A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
50% AEP EVENT

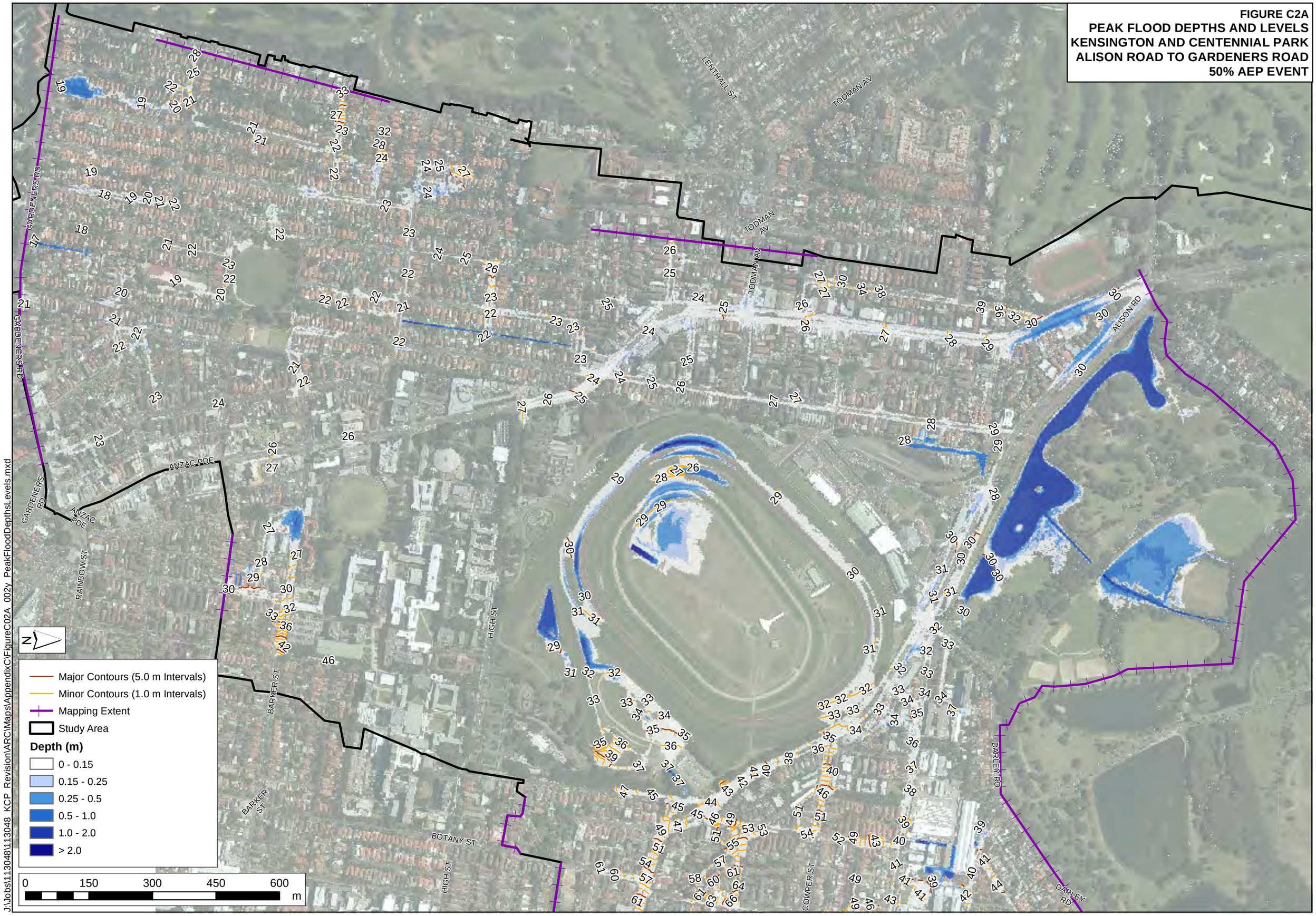

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FIGURE C2B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
50% AEP EVENT

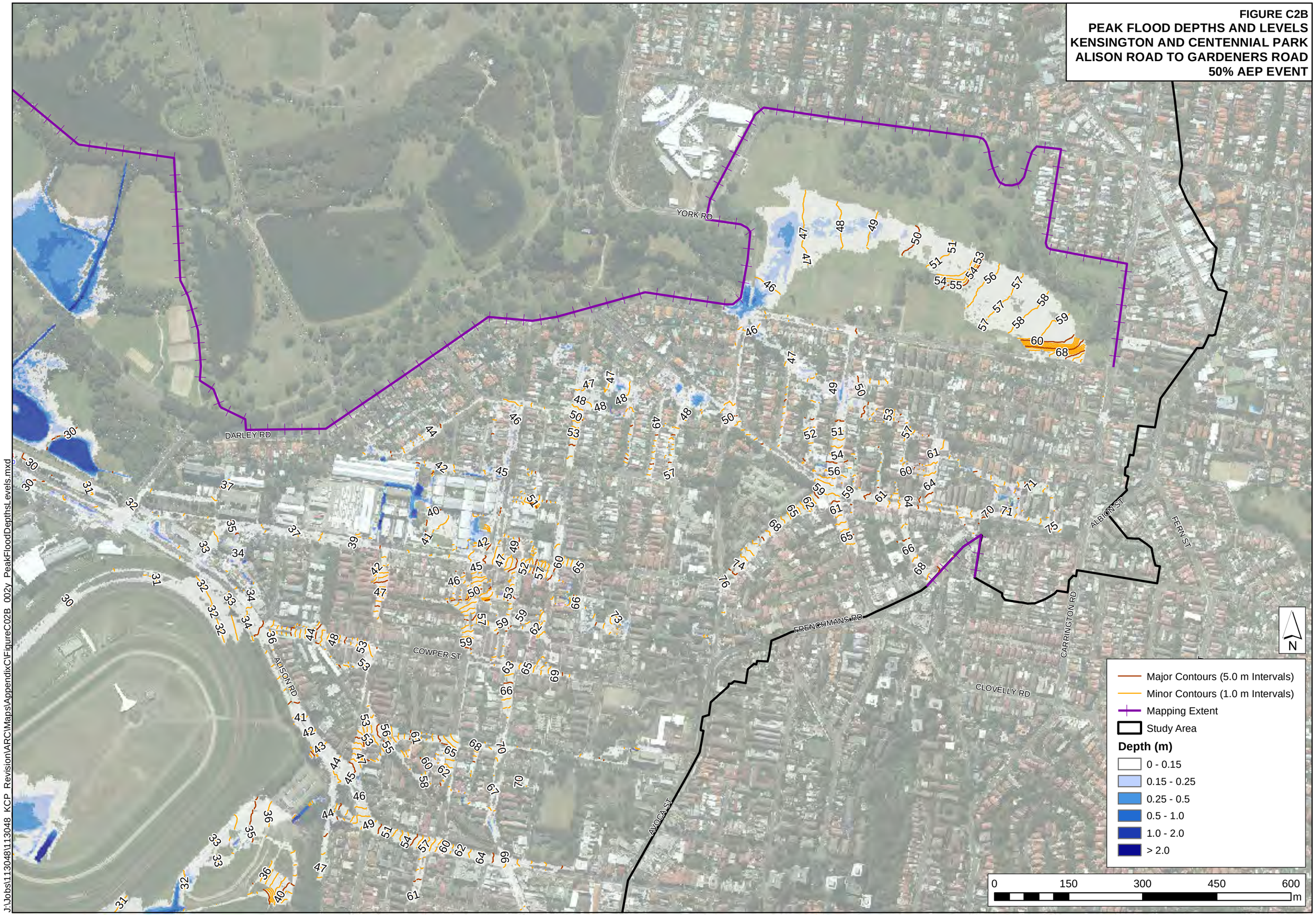

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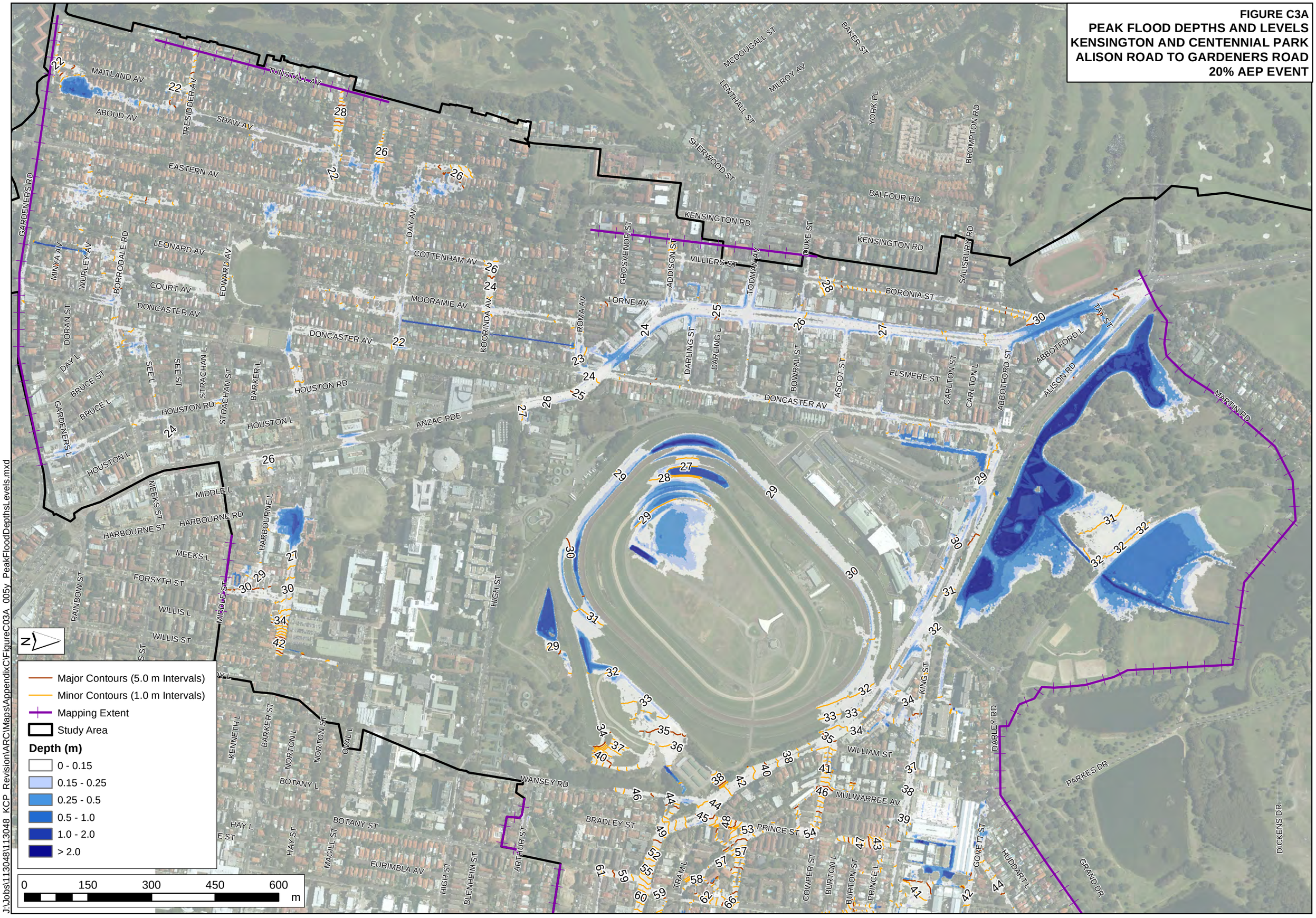
FIGURE C3A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
20% AEP EVENT



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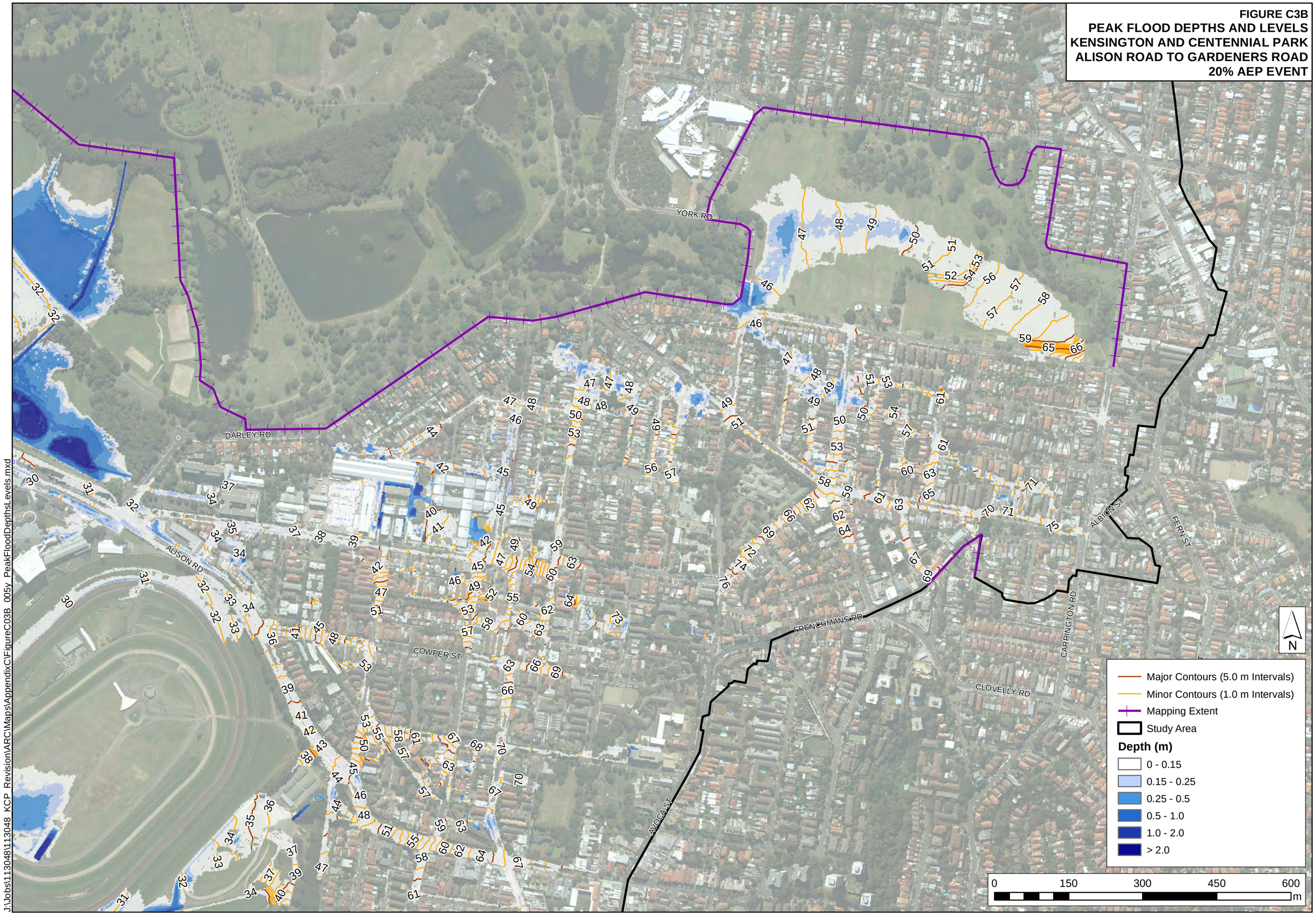

FIGURE C3B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
20% AEP EVENT

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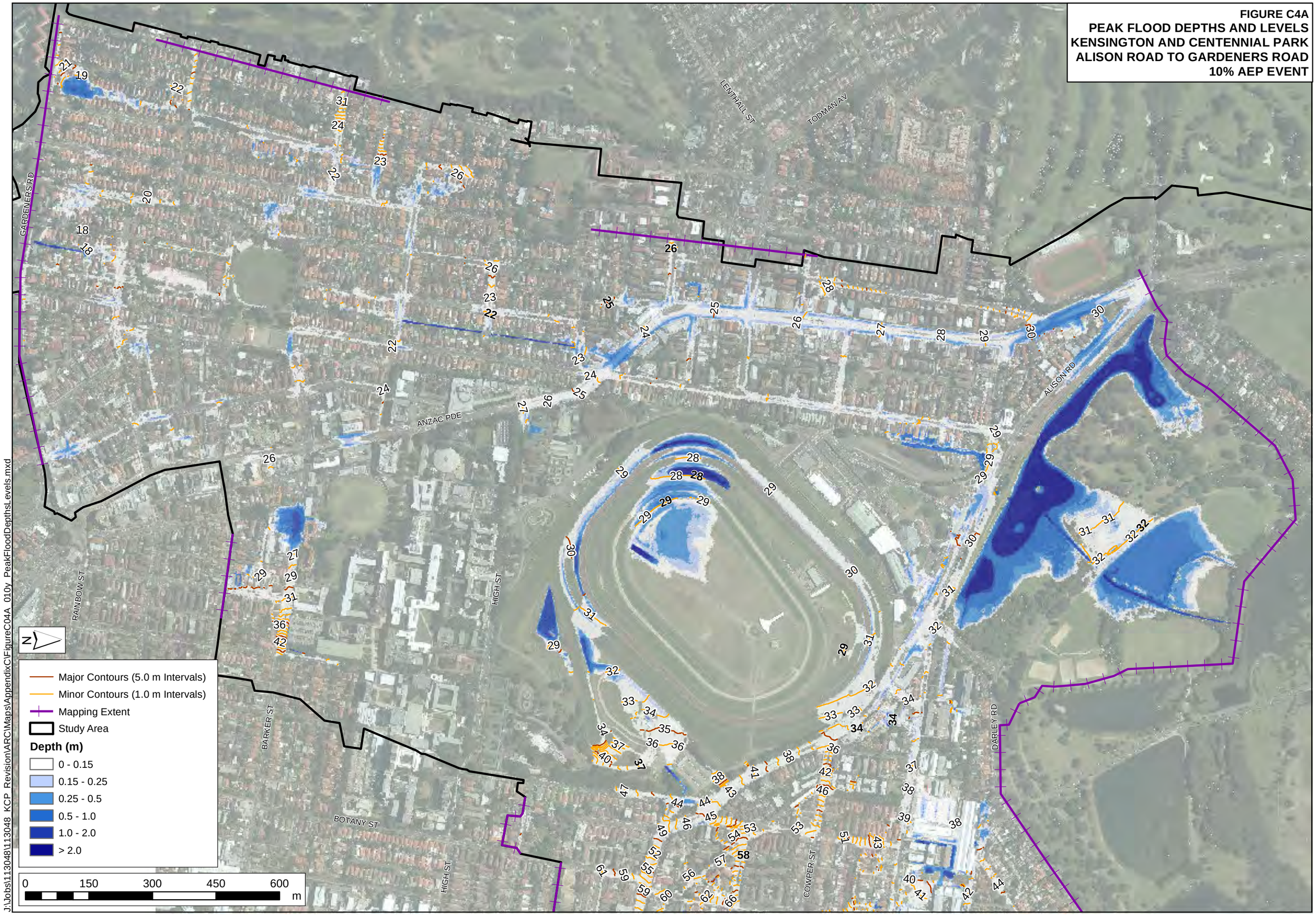

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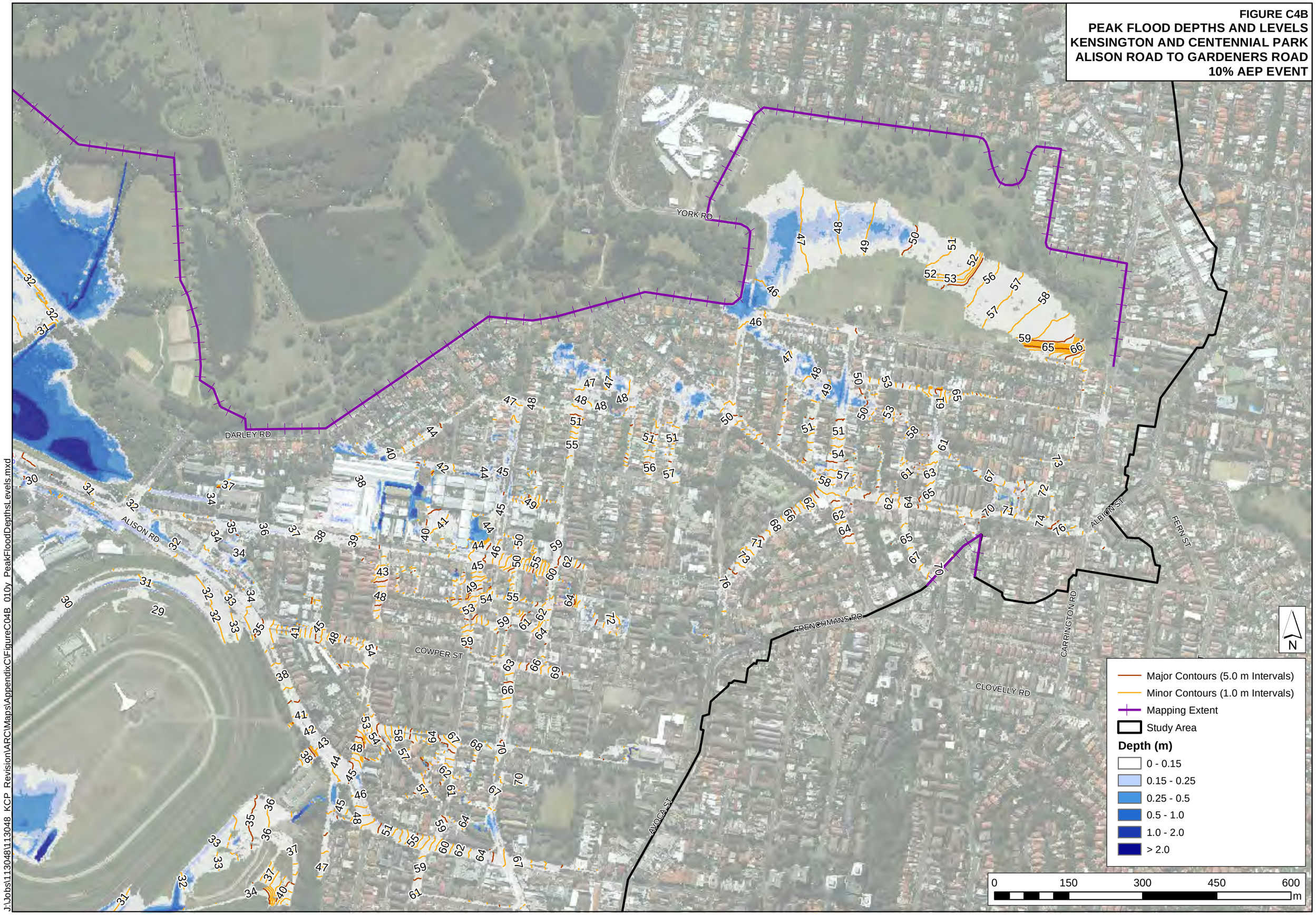

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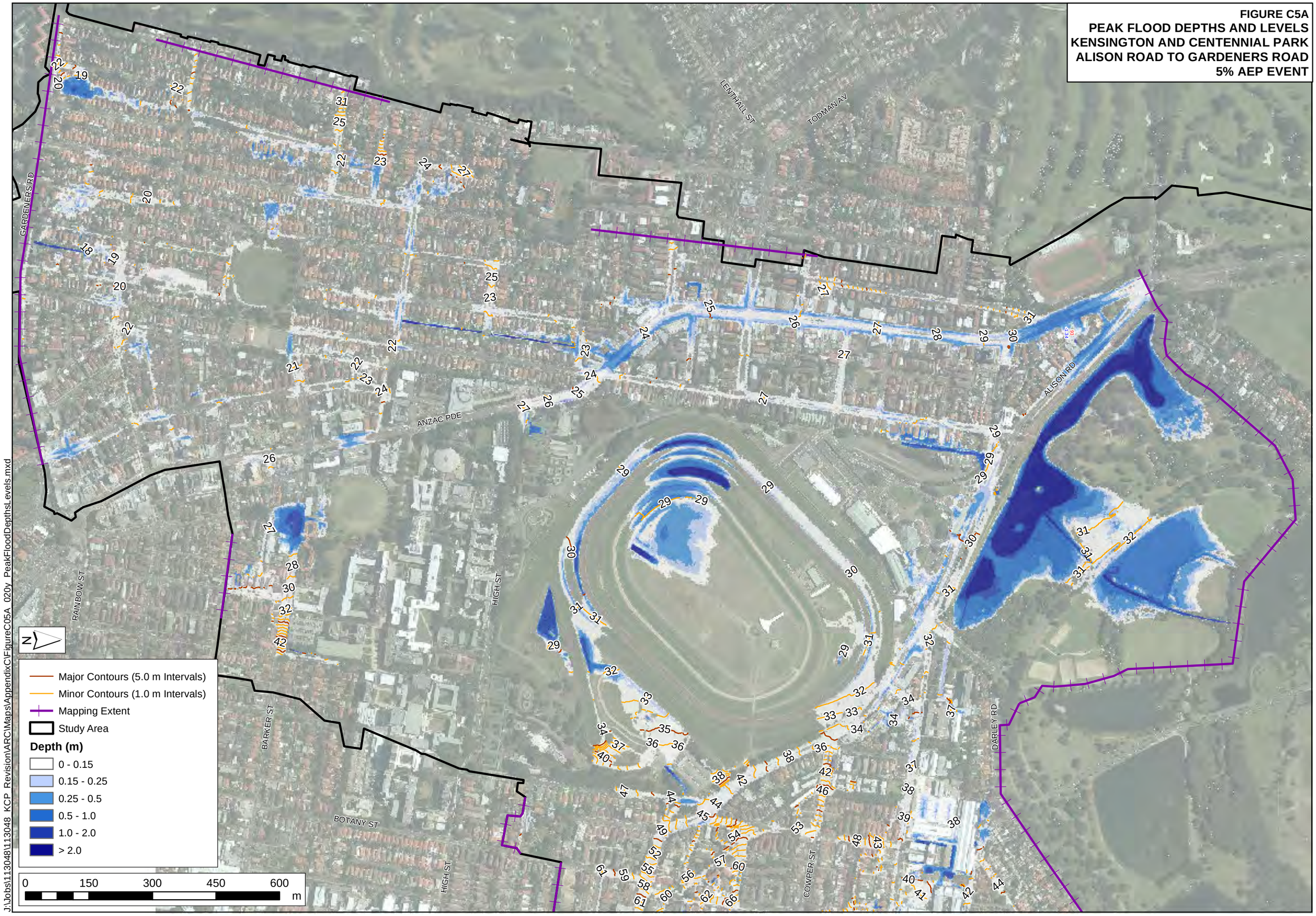
FIGURE C5A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
5% AEP EVENT



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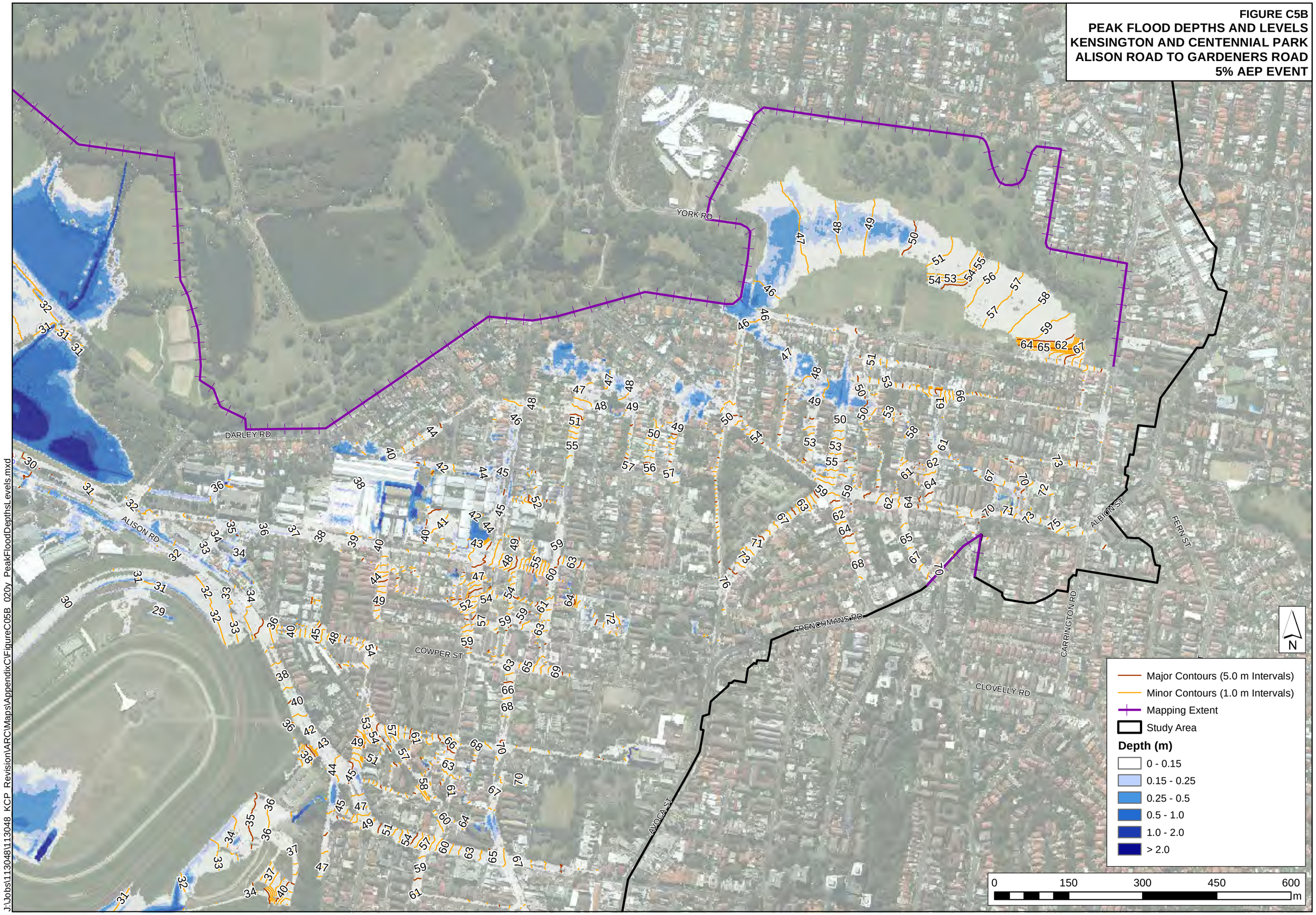

FIGURE C5B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
5% AEP EVENT

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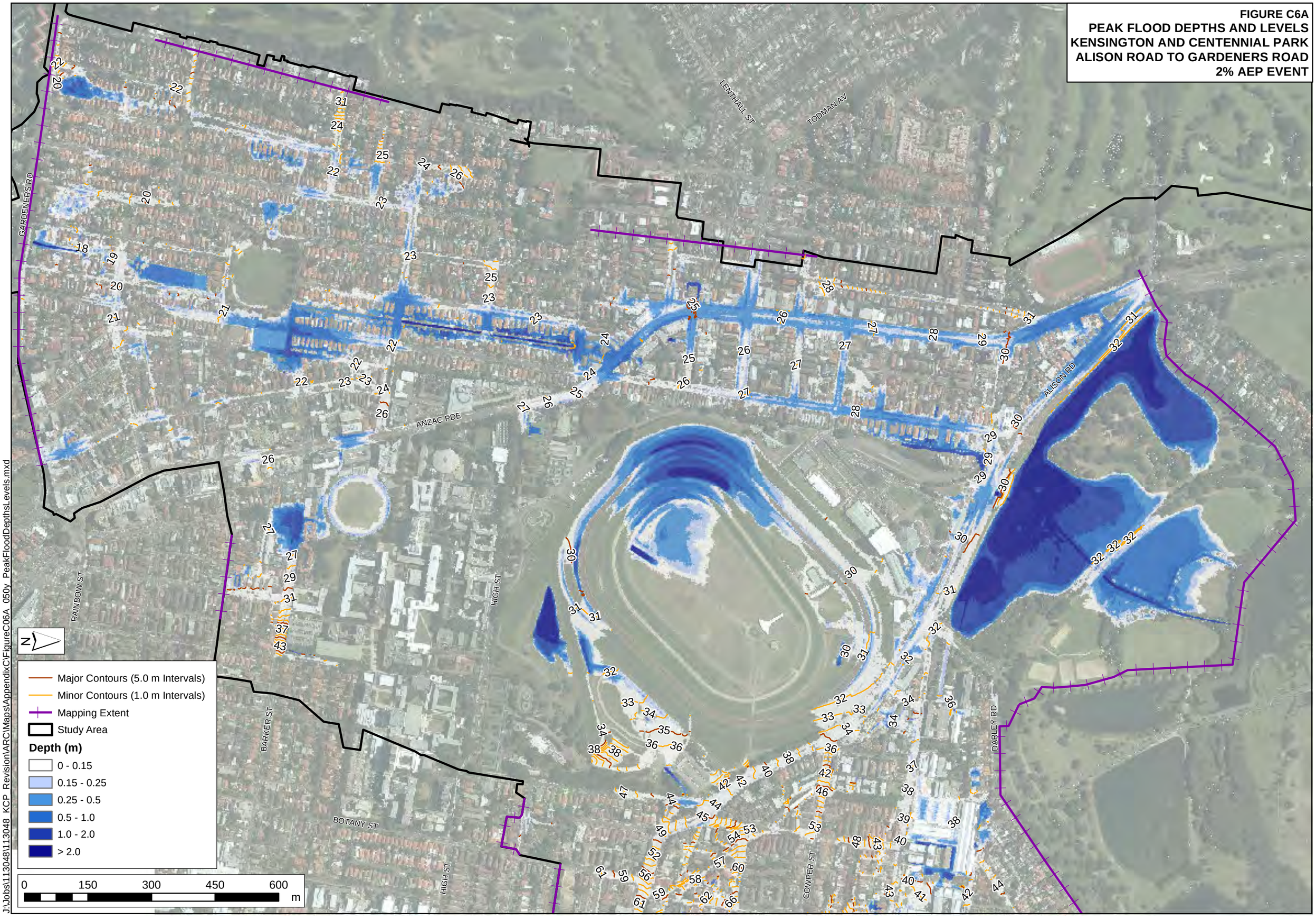
FIGURE C6A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
2% AEP EVENT



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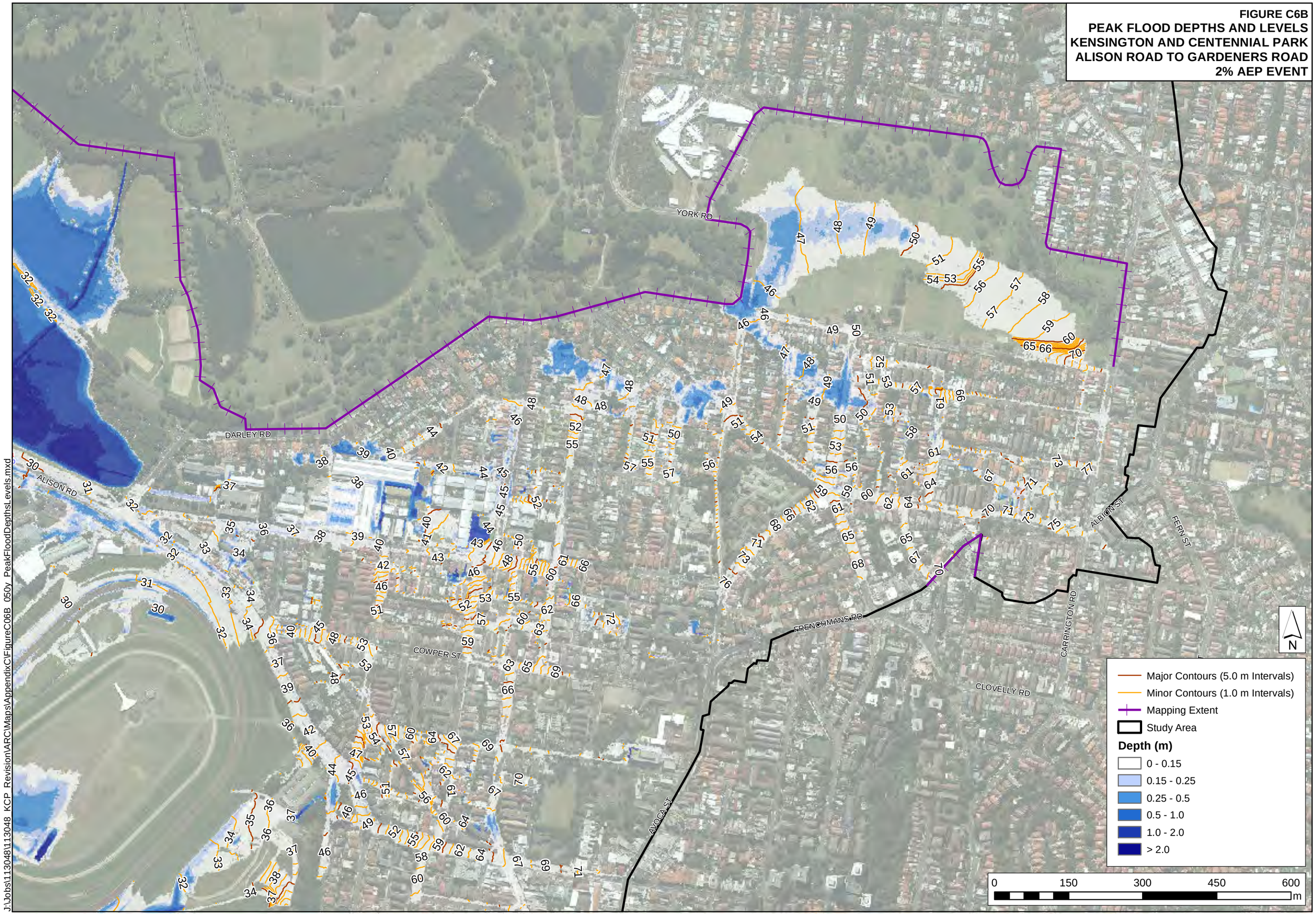

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