

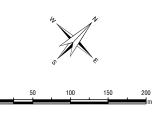


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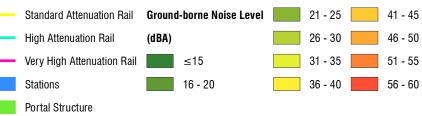
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Jacobs Group (Australia) Pty Limited Sydney Metro Chatswood to Sydenham

Operation

Commercial Ground-borne Noise Levels

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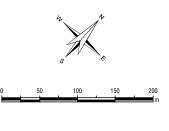
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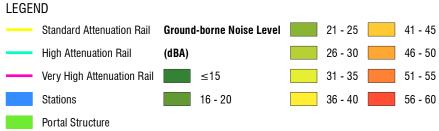
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Sydney Metro Chatswood to Sydenham

Operation **Commercial Ground-borne Noise Levels** Page 3 of 10 FIGURE: SLR61014718 GBN 013

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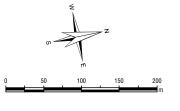


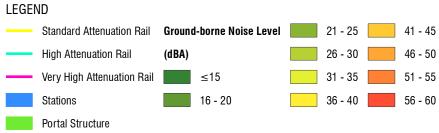
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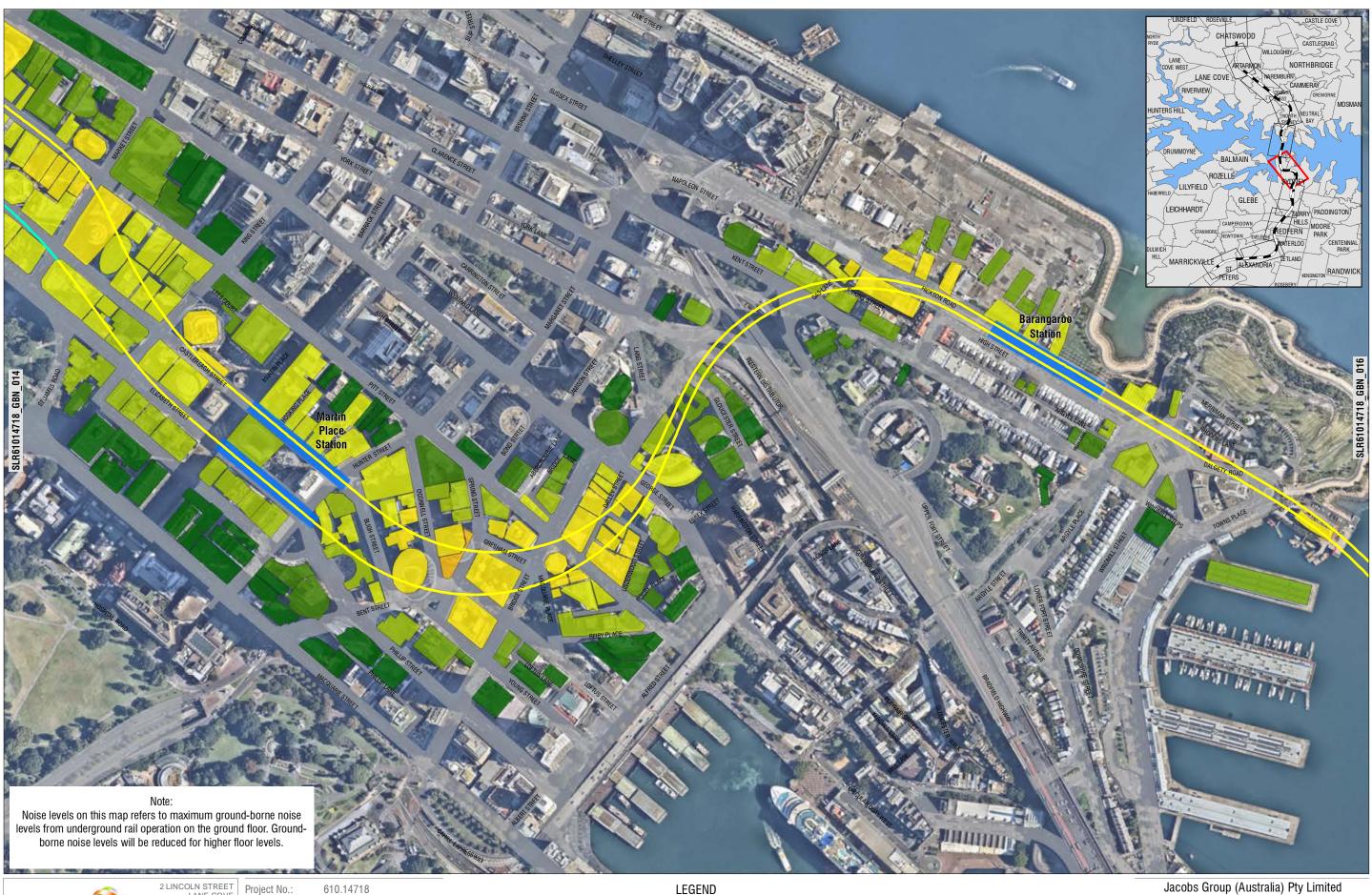
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Operation **Commercial Ground-borne Noise Levels** Page 4 of 10 FIGURE: SLR61014718 GBN 014



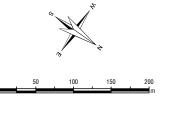
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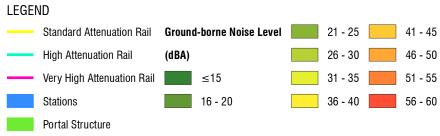
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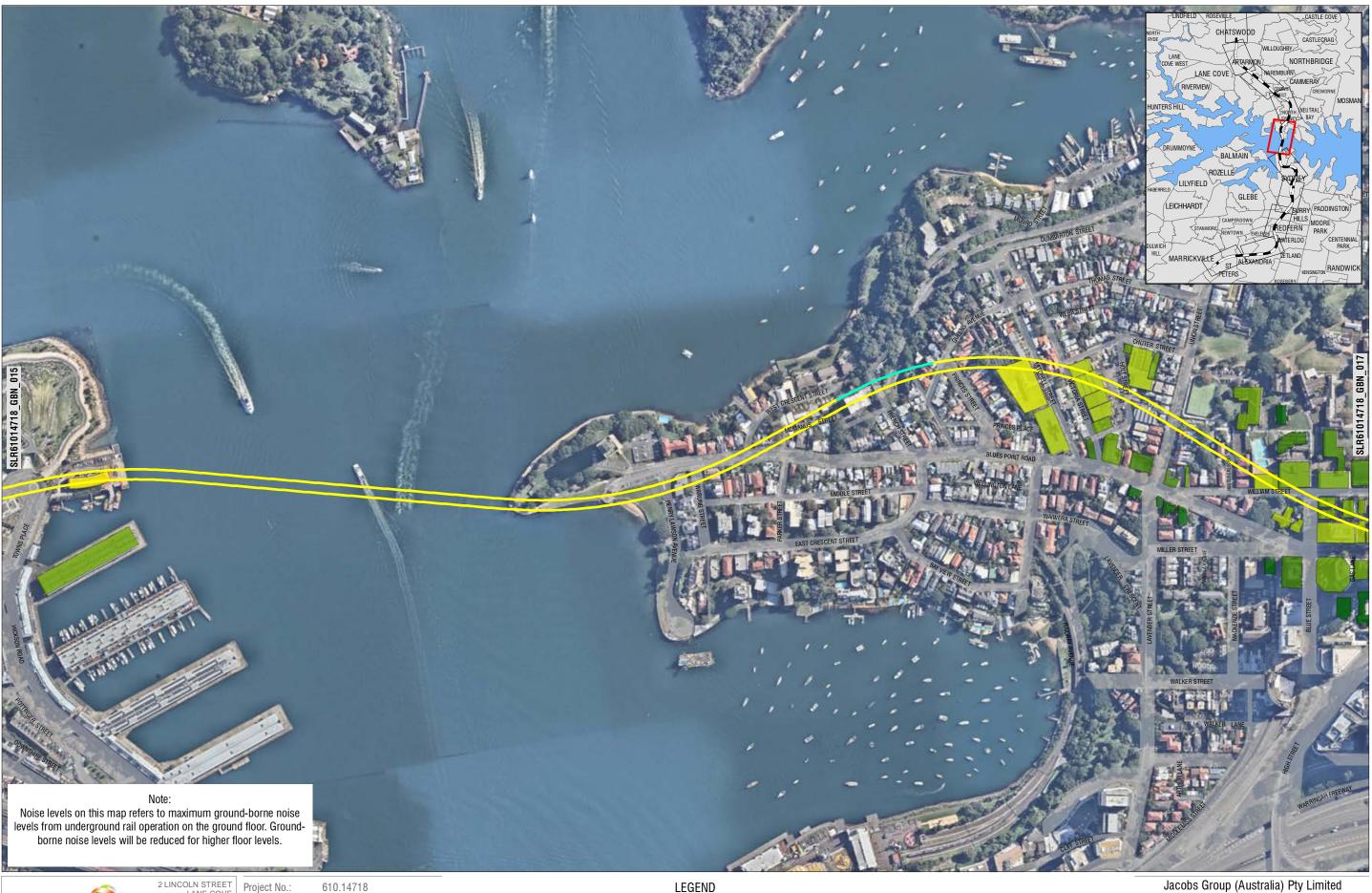




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Sydney Metro Chatswood to Sydenham Operation

Commercial Ground-borne Noise Levels Page 5 of 10 FIGURE: SLR61014718 GBN 015



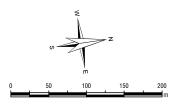


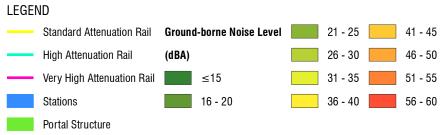
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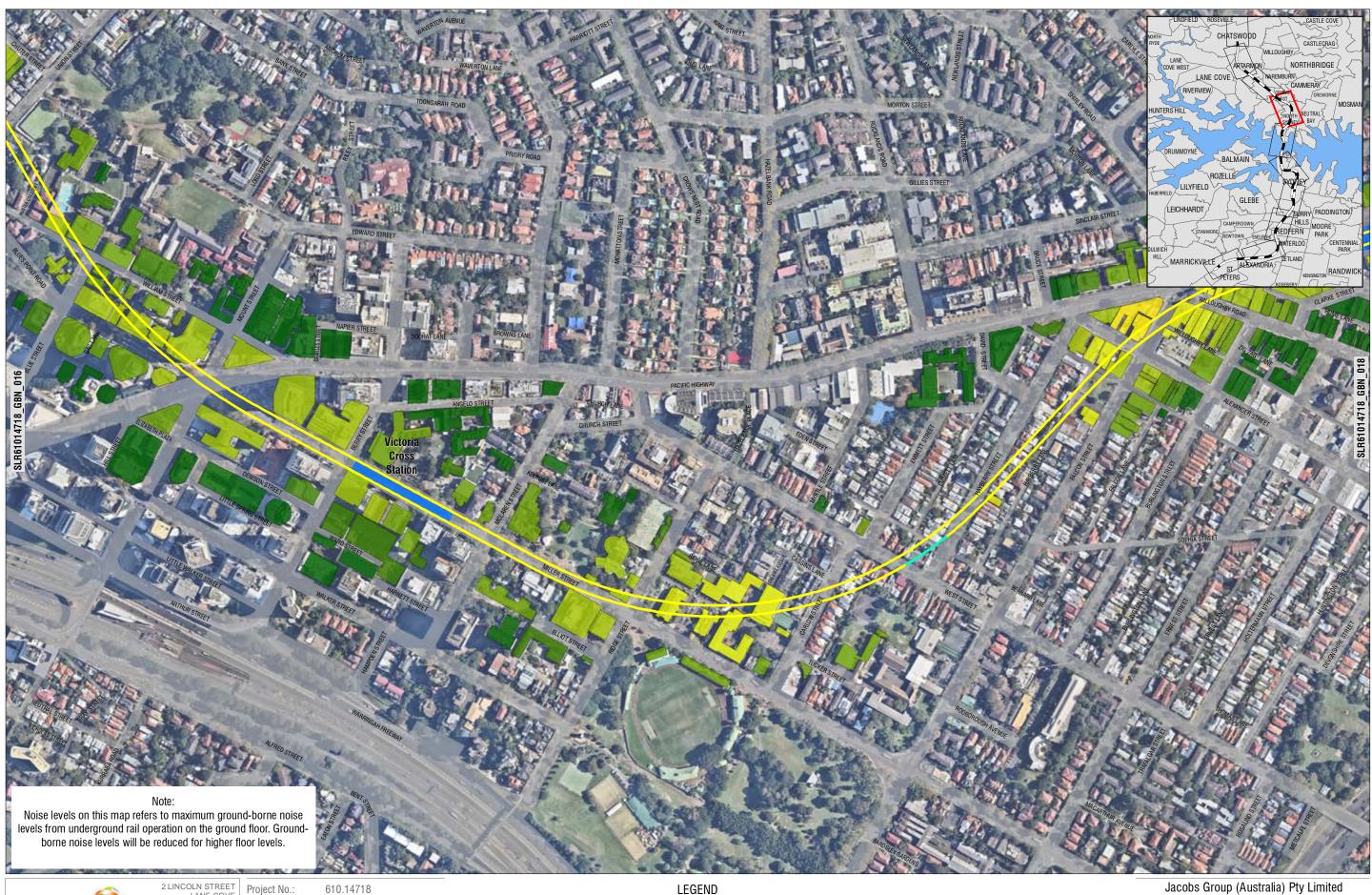




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Sydney Metro Chatswood to Sydenham

Operation **Commercial Ground-borne Noise Levels** Page 6 of 10 FIGURE: SLR61014718 GBN 016



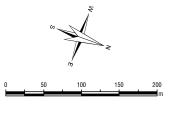
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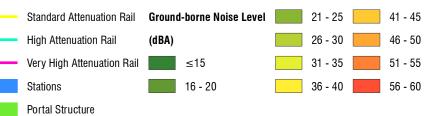
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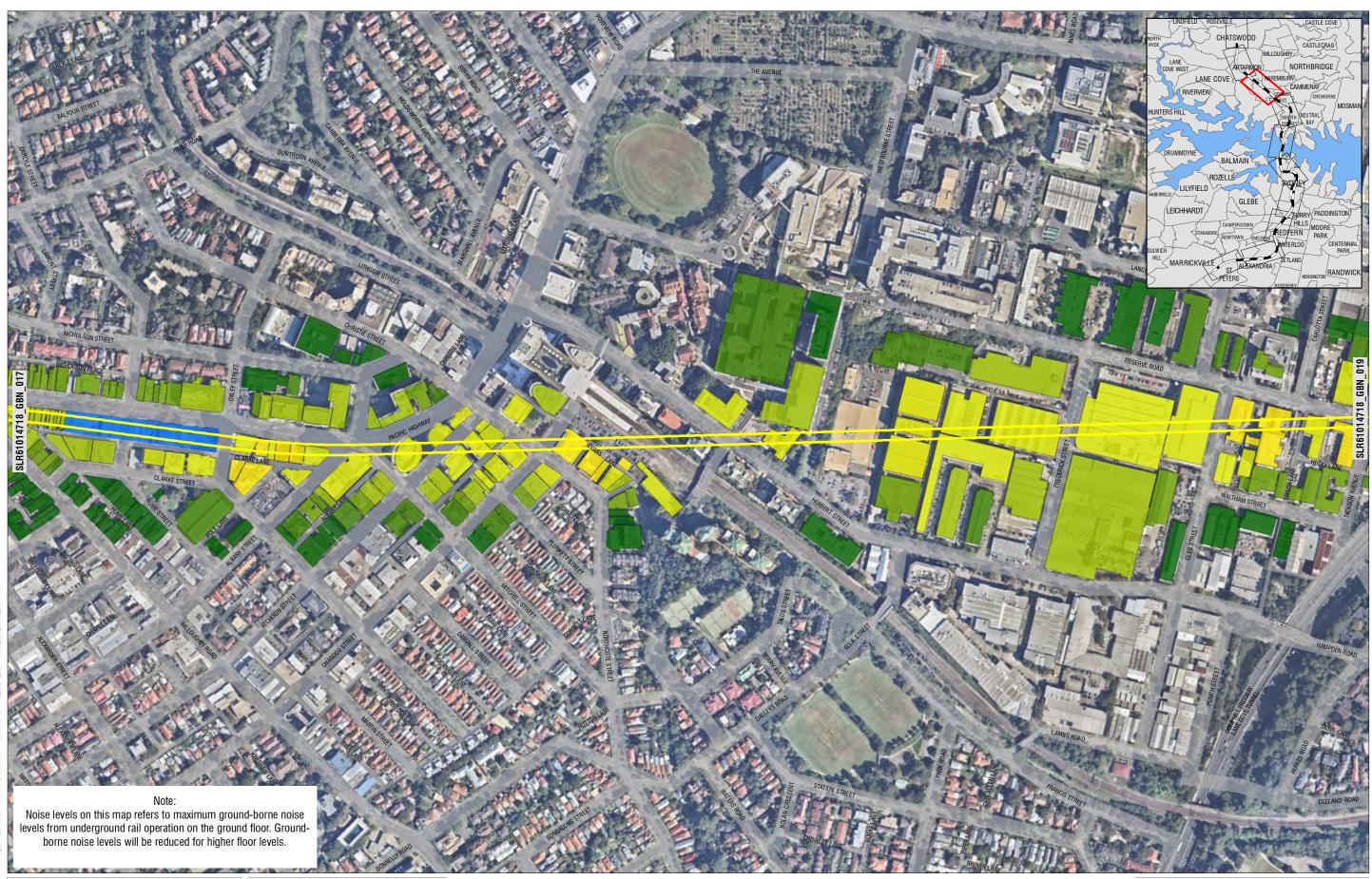


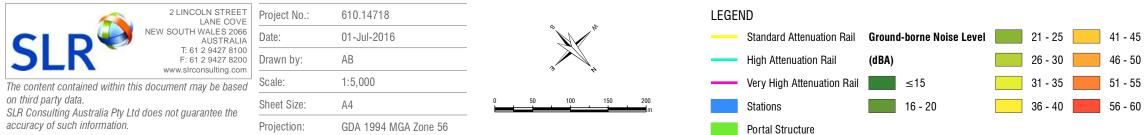




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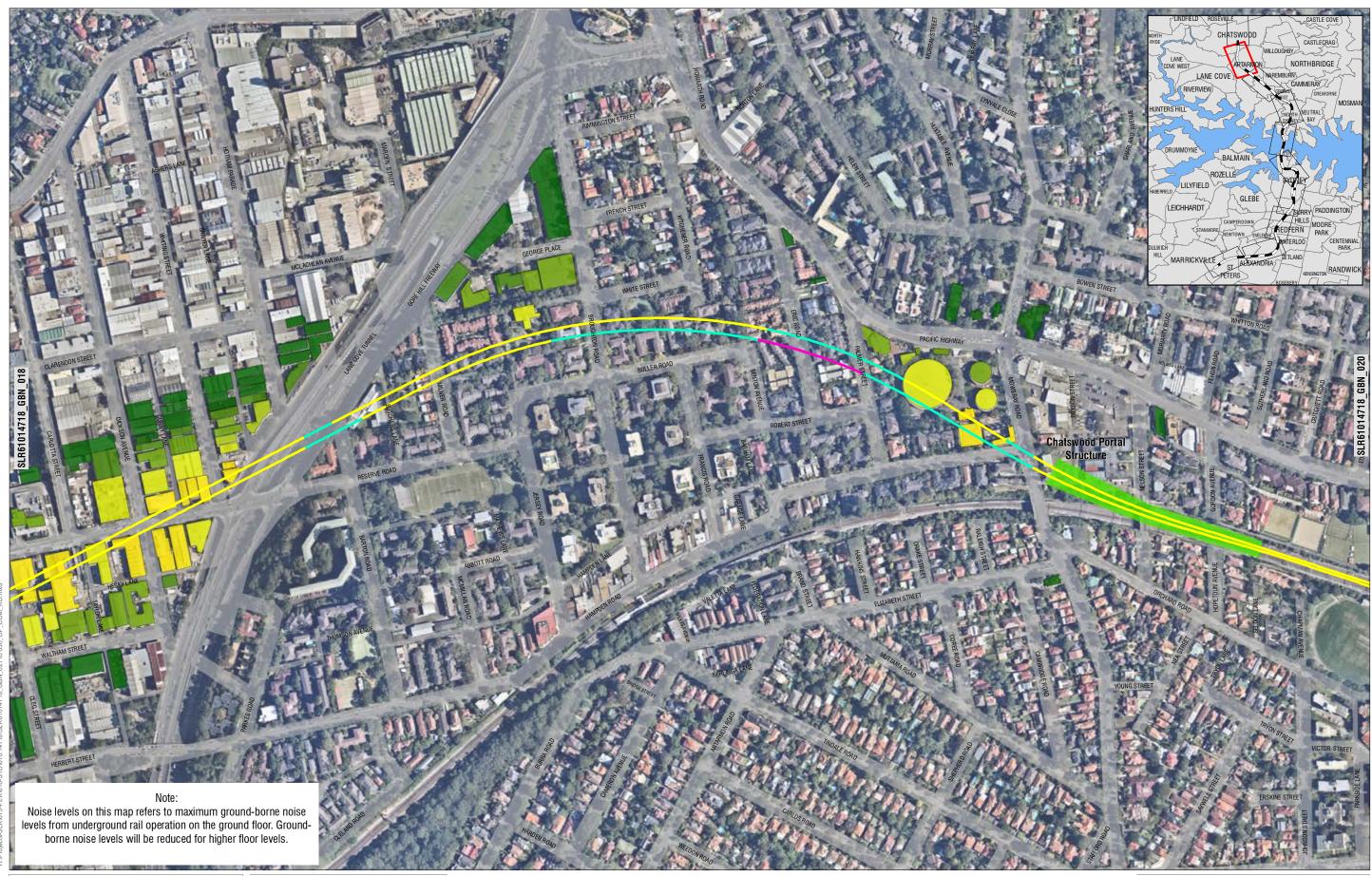
Operation **Commercial Ground-borne Noise Levels** Page 7 of 10 FIGURE: SLR61014718 GBN 017





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Operation **Commercial Ground-borne Noise Levels** Page 8 of 10 FIGURE: SLR61014718 GBN 018



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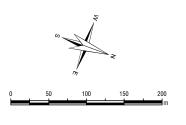
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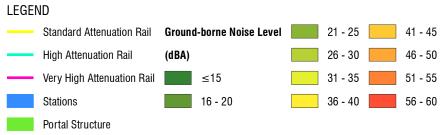
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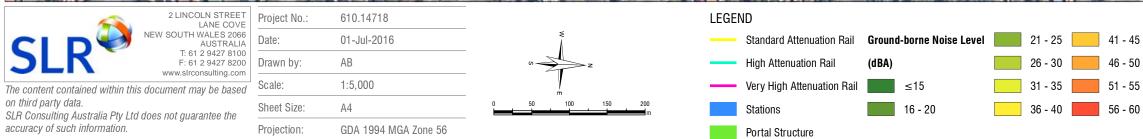


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Sydney Metro Chatswood to Sydenham

Operation **Commercial Ground-borne Noise Levels** Page 9 of 10 FIGURE: SLR61014718 GBN 019





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Sydney Metro Chatswood to Sydenham

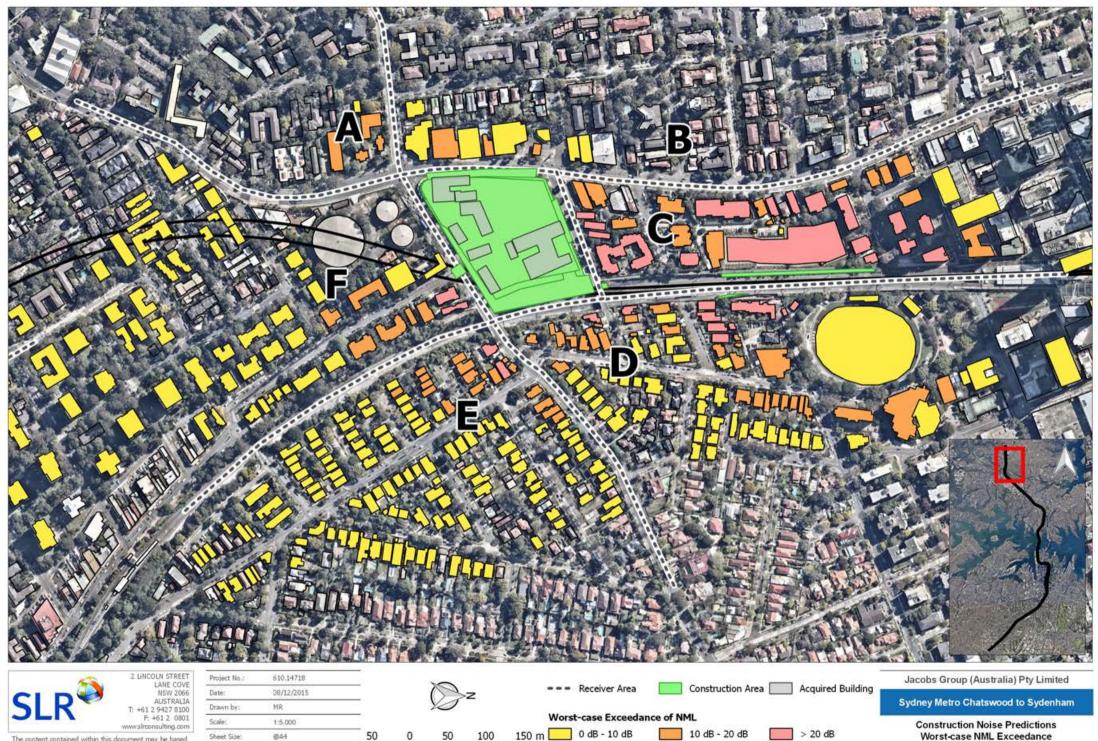
Operation **Commercial Ground-borne Noise Levels** Page 10 of 10 FIGURE: SLR61014718 GBN 020

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- 2 Surface Track
- 3 Earthworks
- 4 Construction of Acoustic Sheds
- 5 Tunnelling/Excavation
- 6 Fitout
- 7 Construction

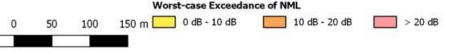
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Enabling Works



Projection:

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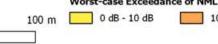


Enabling Works - Daytime



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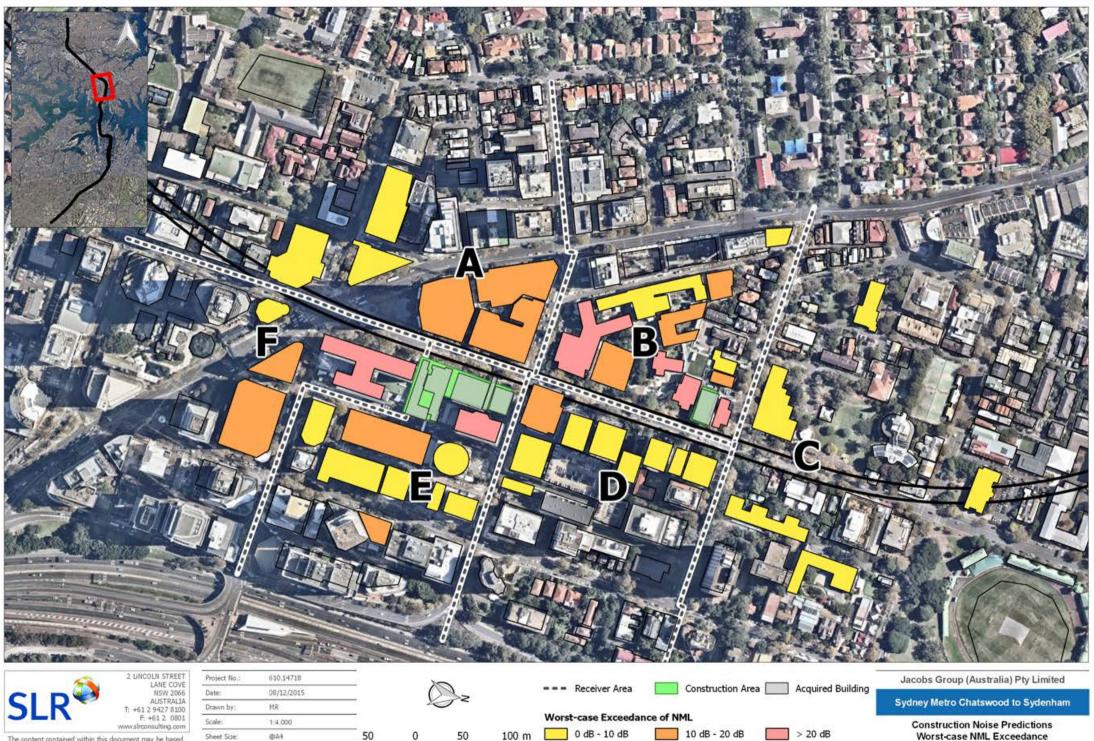
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10 dB - 20 dB

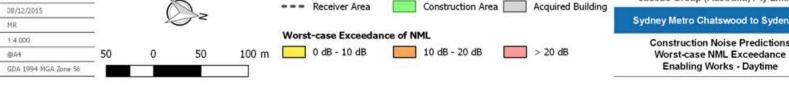
Worst-case NML Exceedance

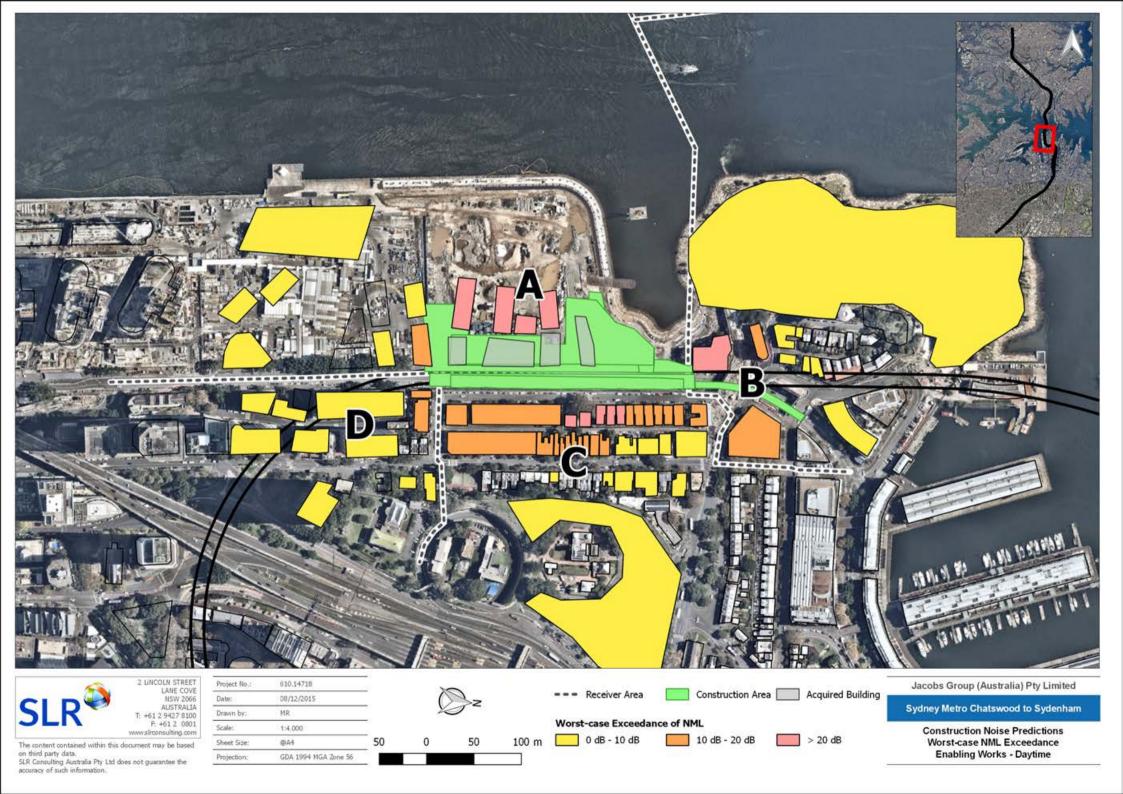
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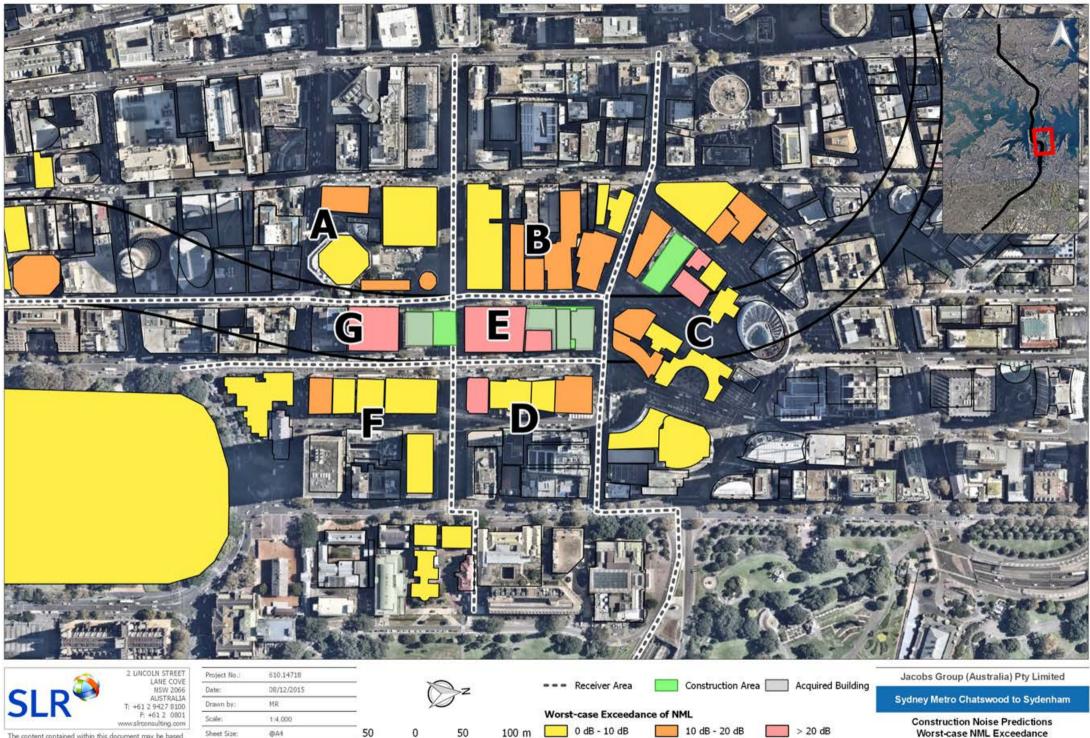


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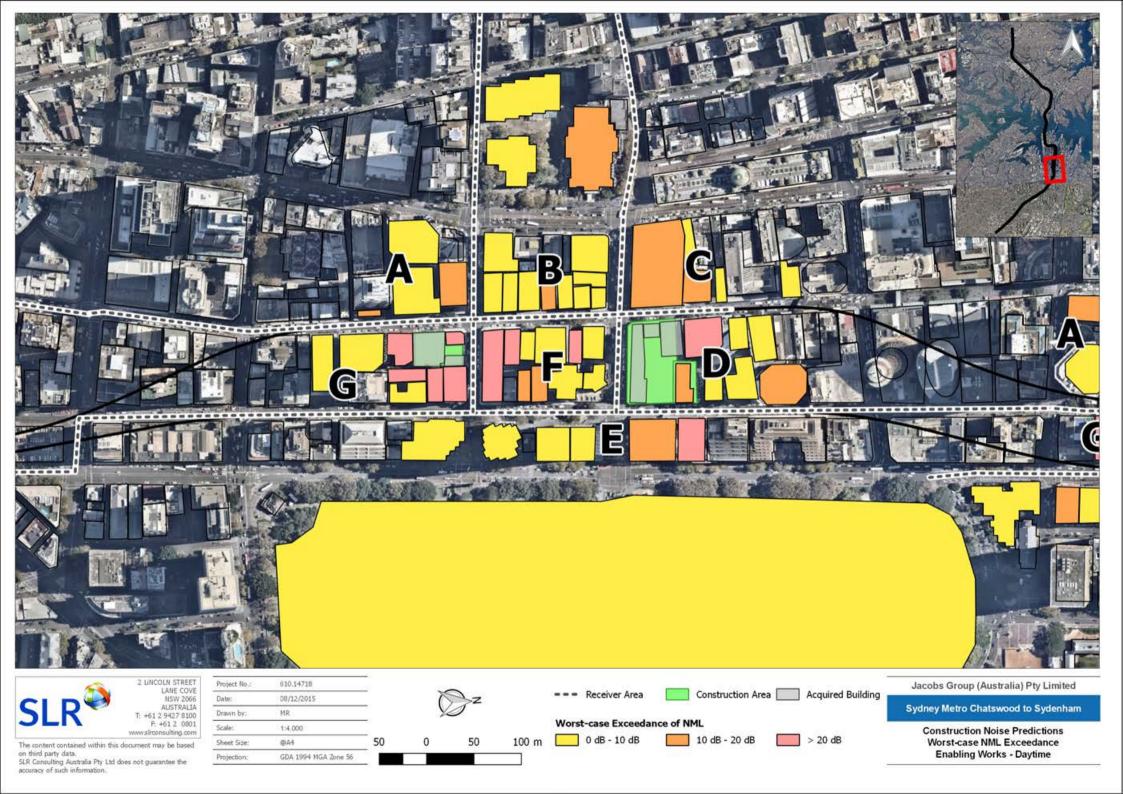


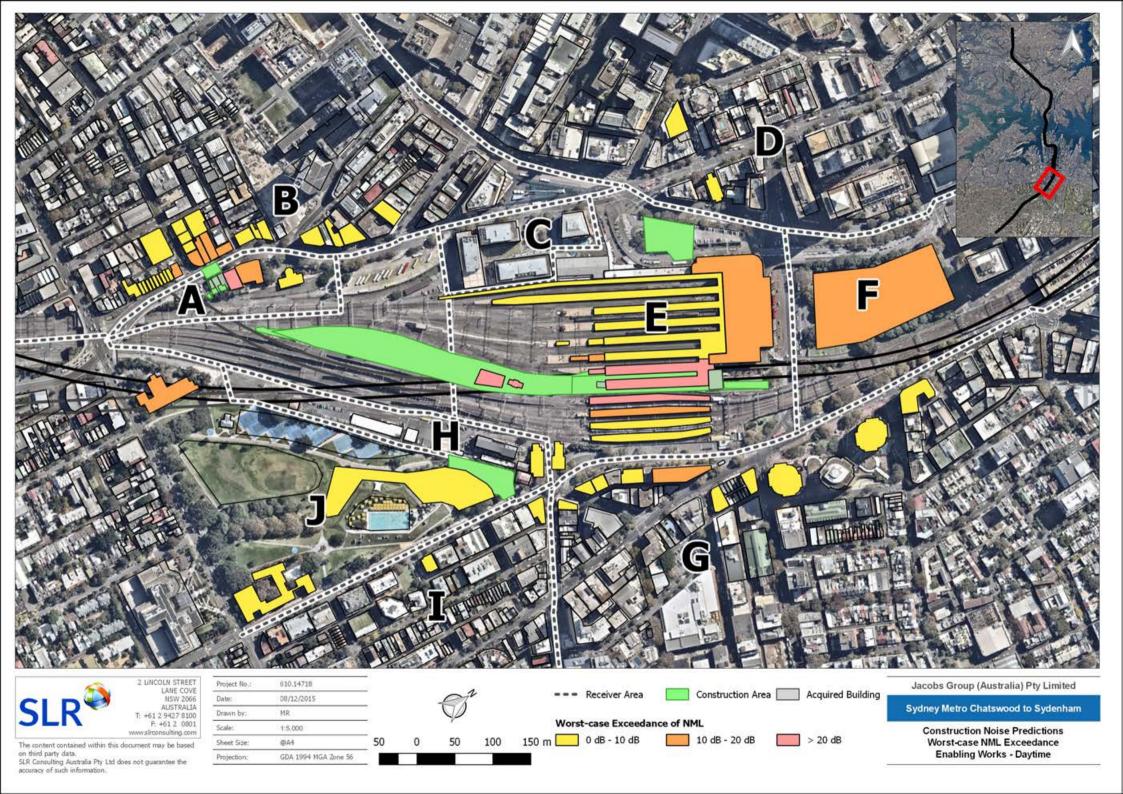
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Worst-case NML Exceedance Enabling Works - Daytime



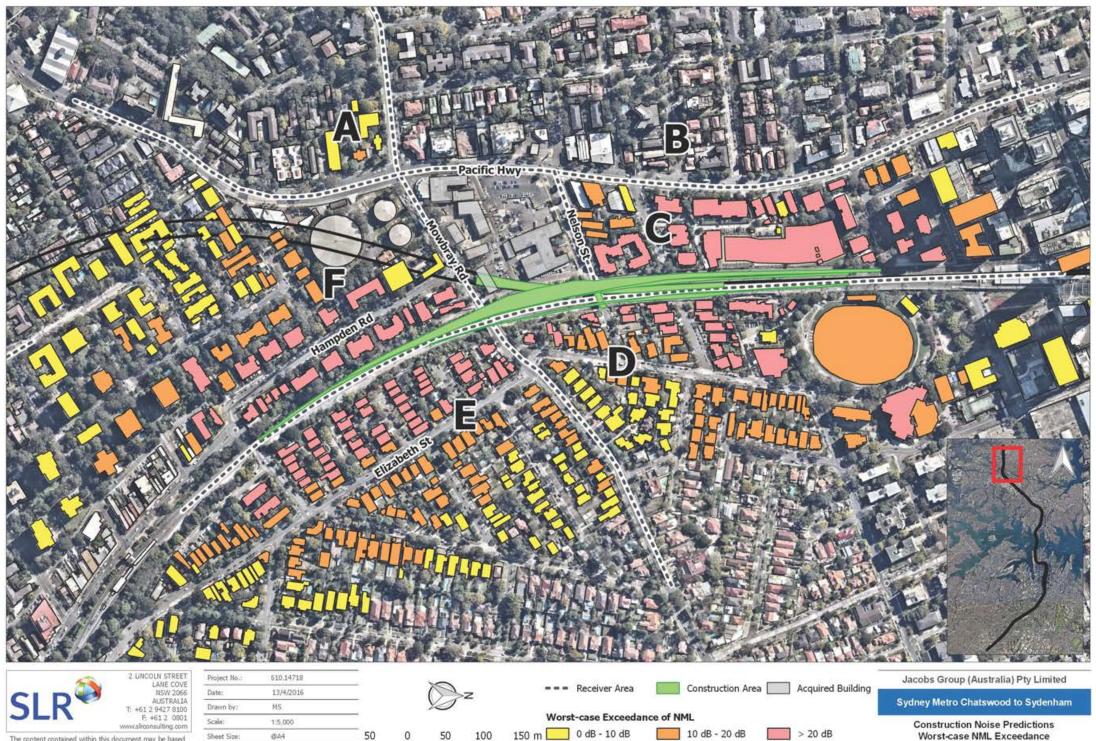






Report 610.14718 Construction Noise Predictions

Surface Track



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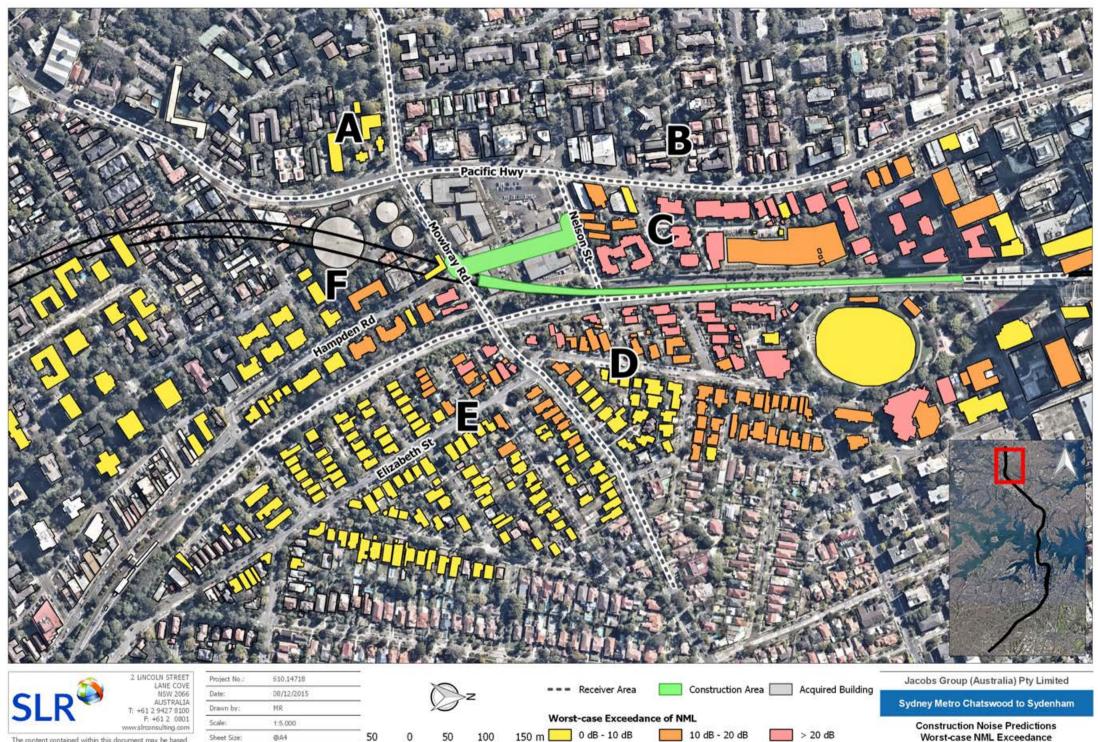
Worst-case NML Exceedance Surface Track Works - Daytime





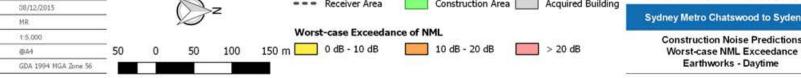
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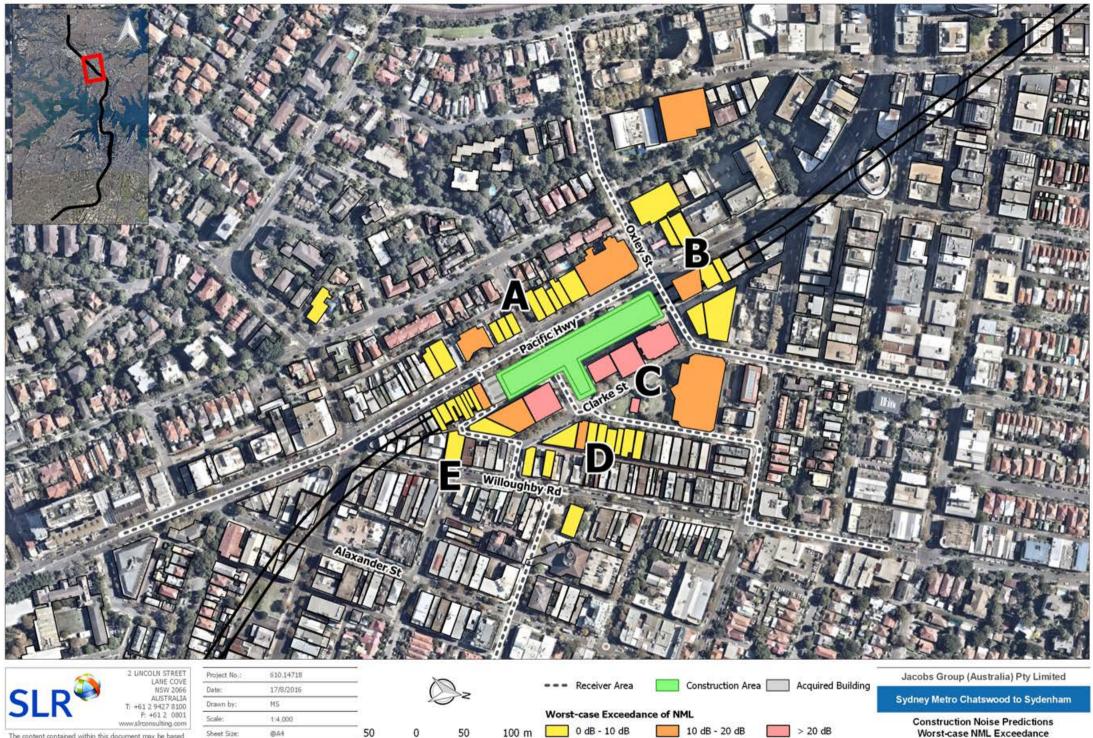
Earthworks



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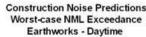


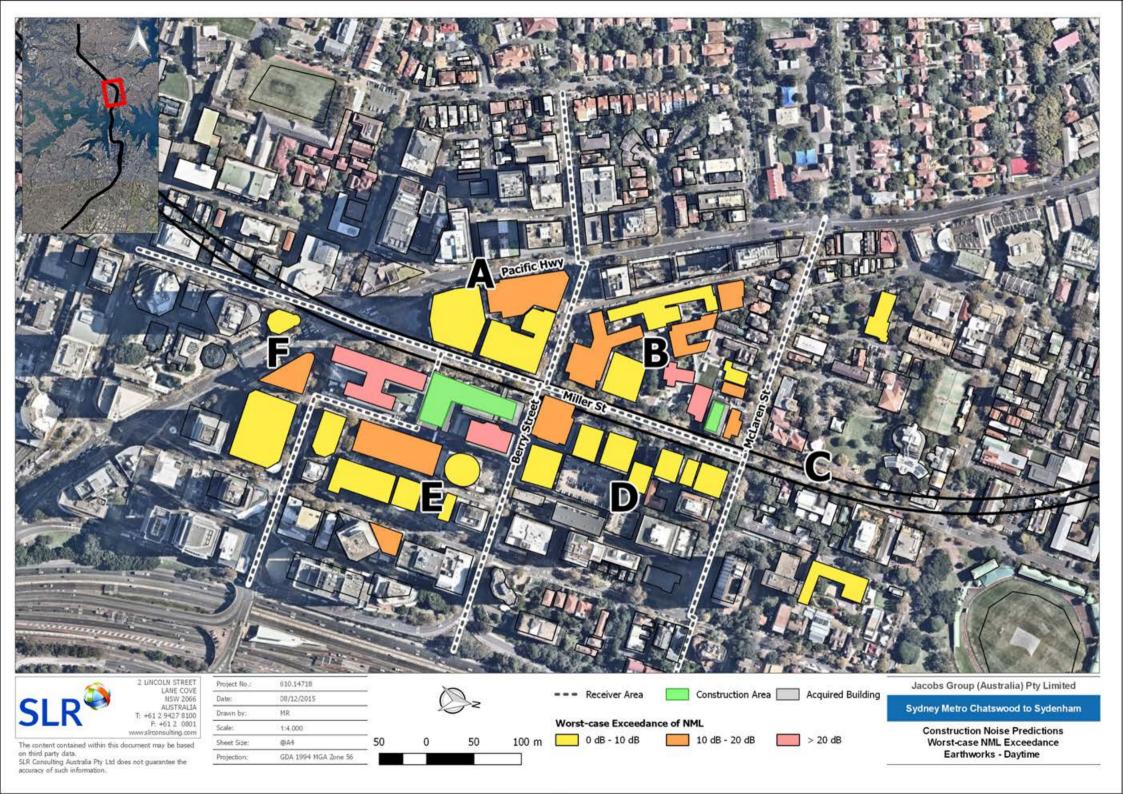


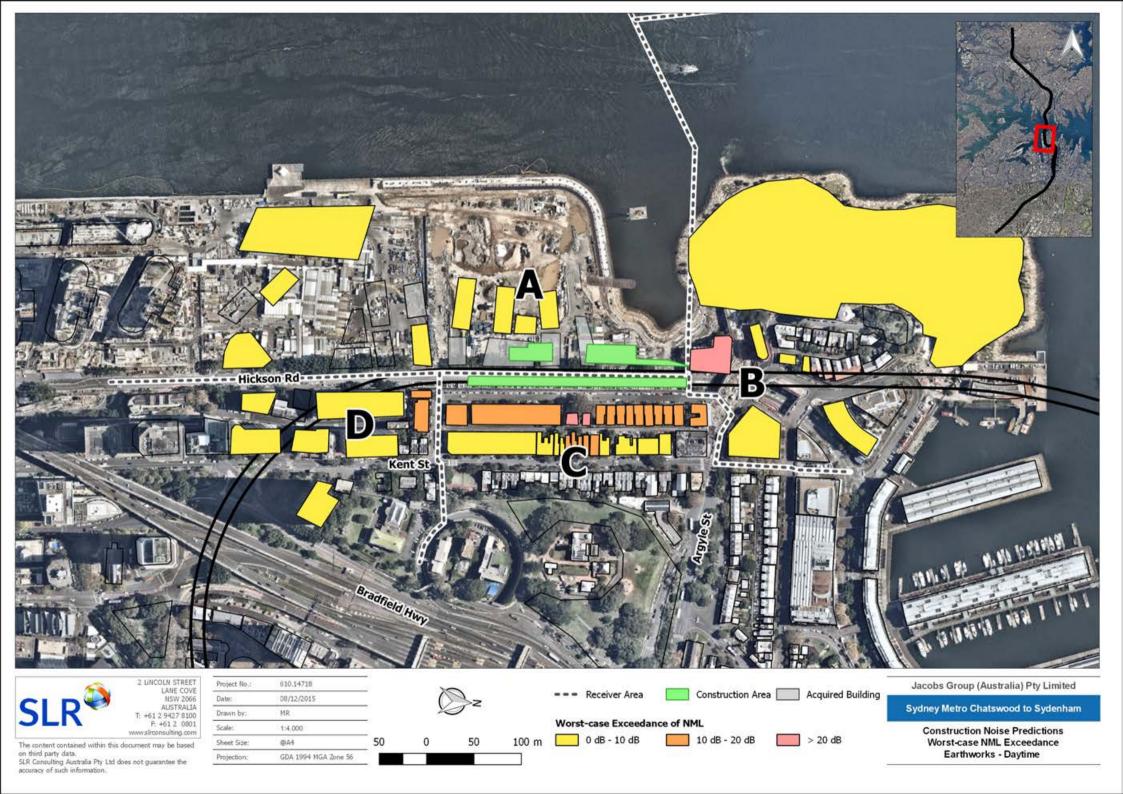
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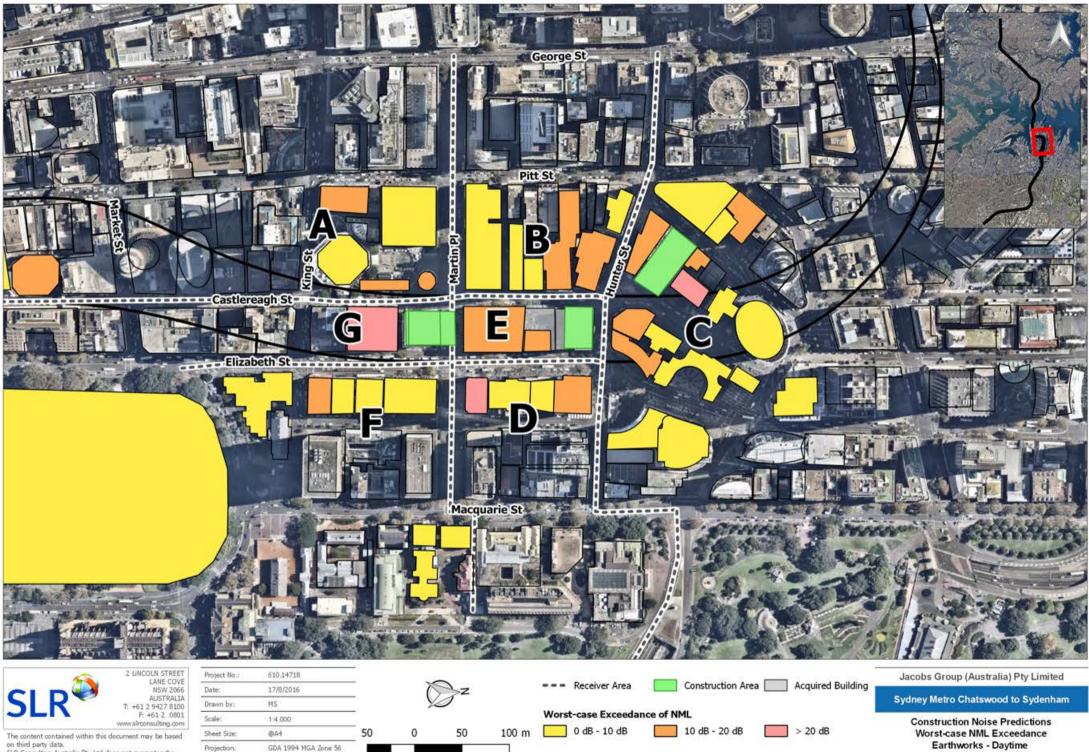
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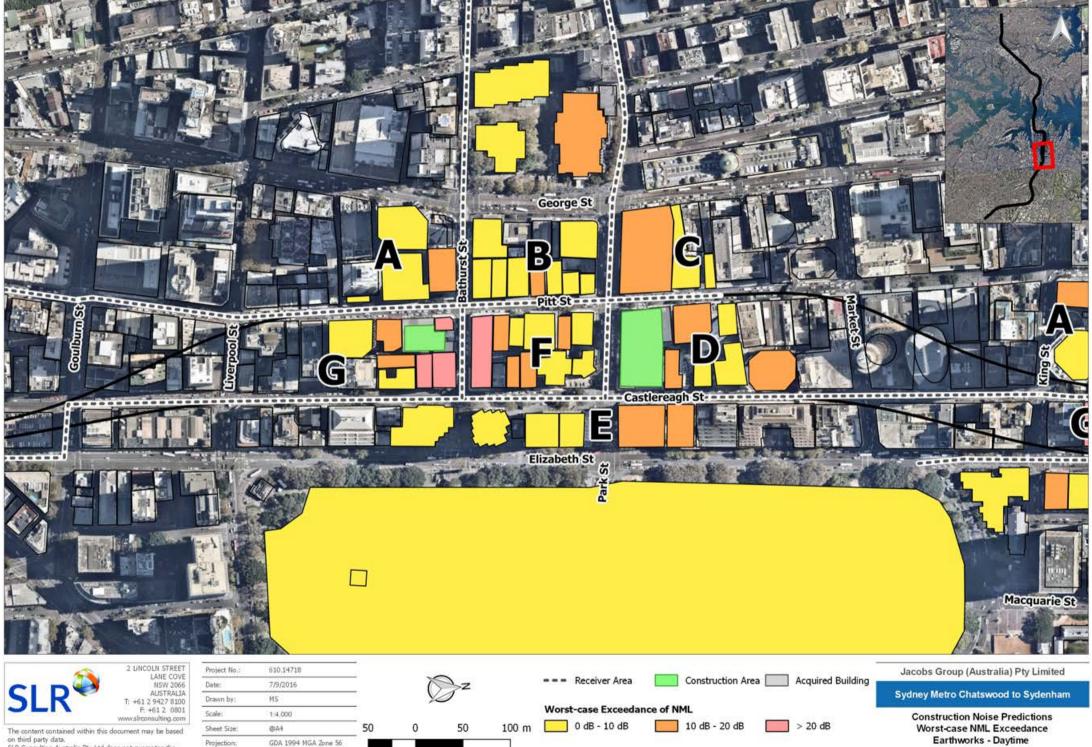




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Earthworks - Daytime



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Earthworks - Daytime

