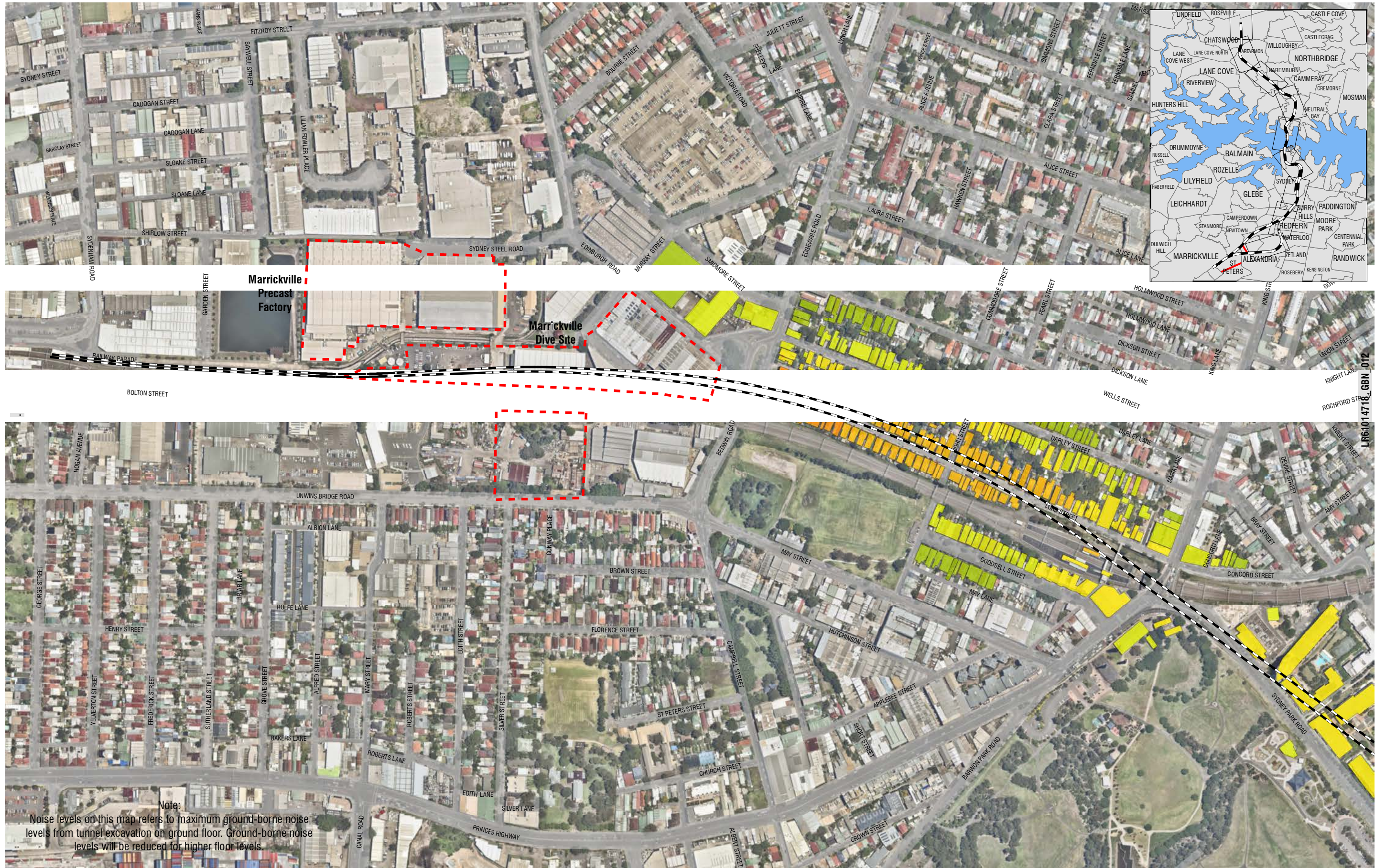


Appendix E

Report 610.14718R1

Construction Tunnelling Ground-borne Noise Predictions



Note:
Noise levels on this map refers to maximum ground-borne noise levels from tunnel excavation on ground floor. Ground-borne noise levels will be reduced for higher floor levels.

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LEGEND

- Proposed Rail Alignment
- Construction Sites

Ground-borne Noise Level (dBA)	
	≤15
	16 - 20
	21 - 25
	26 - 30
	31 - 35
	36 - 40
	41 - 45
	46 - 50
	51 - 55
	56 - 60

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Construction Phase
Ground Borne Noise Levels
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FIGURE: SLR61014718_GBN_011



Noise levels on this map refers to maximum ground-borne noise levels from tunnel excavation on ground floor. Ground-borne noise levels will be reduced for higher floor levels.

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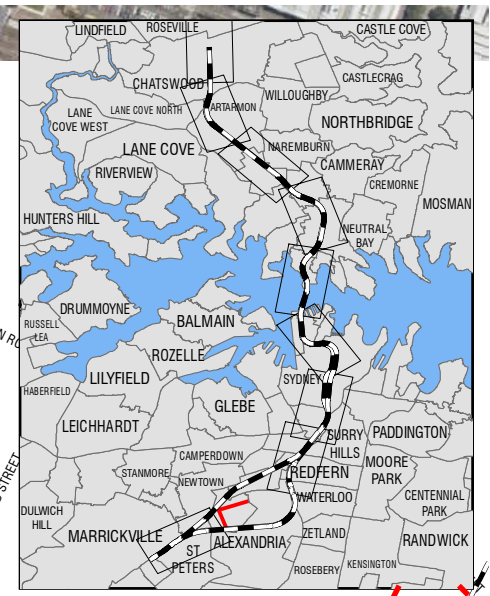


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LEGEND

	Proposed Rail Alignment	Ground-borne Noise Level (dBA)		21 - 25		40 - 45
	Construction Sites		26 - 30			46 - 50
			31 - 35			51 - 55
			36 - 40			56 - 60
			≤15			
			16 - 20			





Sydney University Station

Central Station 1

Central Station 2

Central Station 3

Note:
Noise levels on this map refers to maximum ground-borne noise levels from tunnel excavation on ground floor. Ground-borne noise levels will be reduced for higher floor levels.

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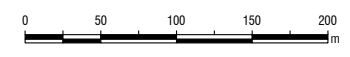
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



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LEGEND

-  Proposed Rail Alignment
-  Construction Sites

Ground-borne Noise Level (dBA)	
	21 - 25
	26 - 30
	31 - 35
	36 - 40
	40 - 45
	46 - 50
	51 - 55
	56 - 60
	≤15
	16 - 20

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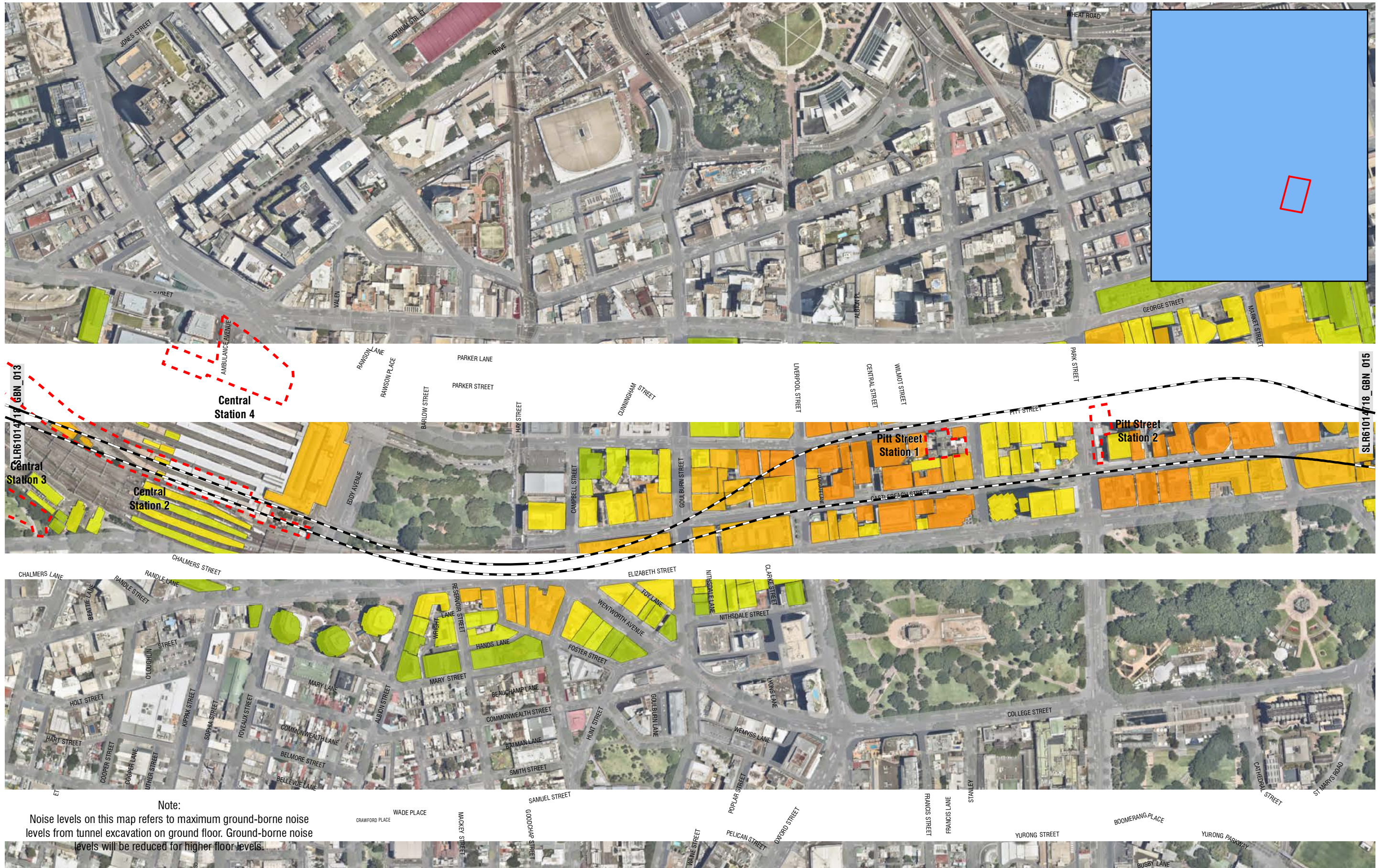
Sydney Metro Chatswood to Sydenham

Construction Phase

Ground Borne Noise Levels

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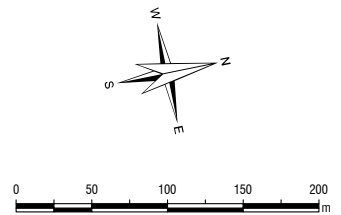
FIGURE: SLR61014718_GBN_013



Note:
Noise levels on this map refers to maximum ground-borne noise levels from tunnel excavation on ground floor. Ground-borne noise levels will be reduced for higher floor levels.



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LEGEND

- Proposed Rail Alignment
- Construction Sites

Ground-borne Noise Level (dBA)	
	≤15
	16 - 20
	21 - 25
	26 - 30
	31 - 35
	36 - 40
	40 - 45
	46 - 50
	51 - 55
	56 - 60

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**Construction Phase
Ground Borne Noise Levels**
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FIGURE: SLR61014718_GBN_014

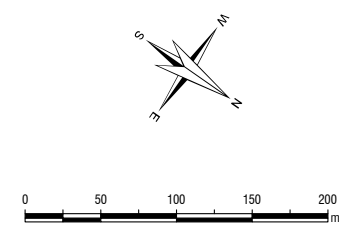
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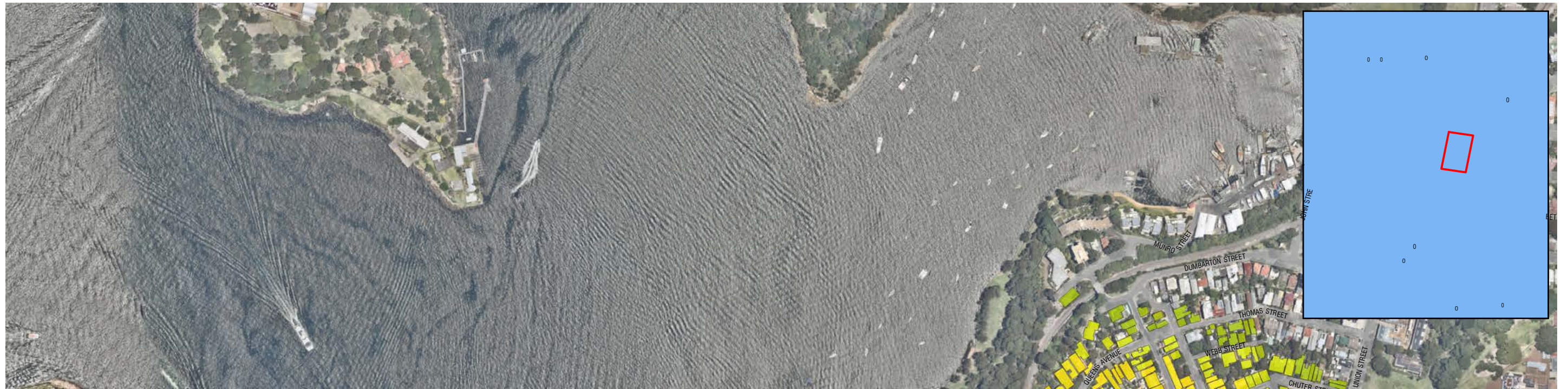
LEGEND

	Proposed Rail Alignment	Ground-borne Noise Level (dBA)		21 - 25		40 - 45
	Construction Sites		≤15			46 - 50
			16 - 20			51 - 55
			31 - 35			56 - 60
			36 - 40			

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**Construction Phase
Ground Borne Noise Levels**
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FIGURE: SLR61014718_GBN_015

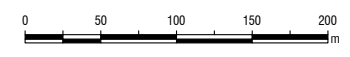
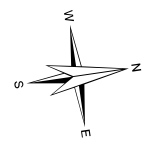


Note:
Noise levels on this map refers to maximum ground-borne noise levels from tunnel excavation on ground floor. Ground-borne noise levels will be reduced for higher floor levels.

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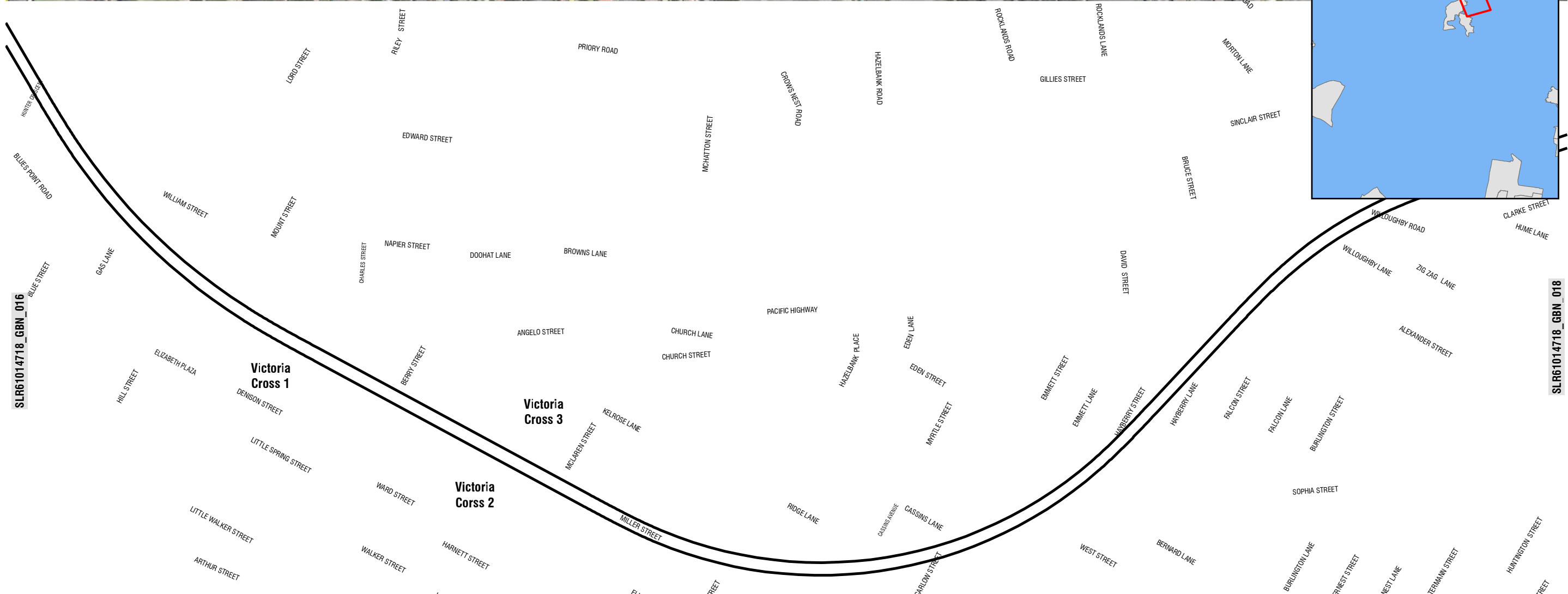
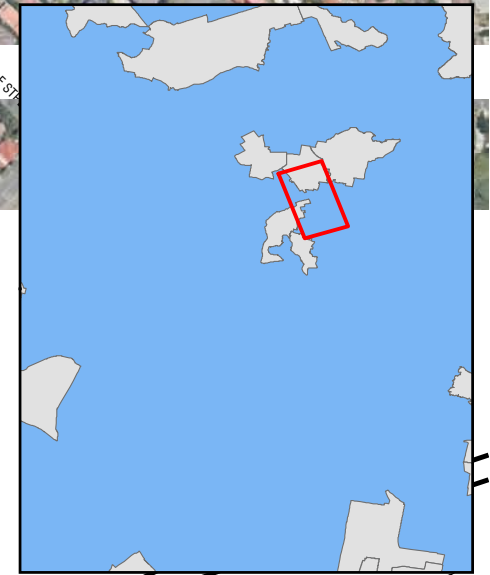
- Proposed Rail Alignment
- Construction Sites

Ground-borne Noise Level (dBA)	
	≤15
	16 - 20
	21 - 25
	26 - 30
	31 - 35
	36 - 40
	40 - 45
	46 - 50
	51 - 55
	56 - 60

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**Construction Phase
Ground Borne Noise Levels**
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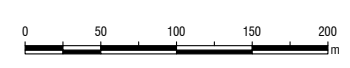
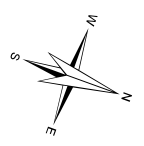
FIGURE: SLR61014718_GBN_016



Note:
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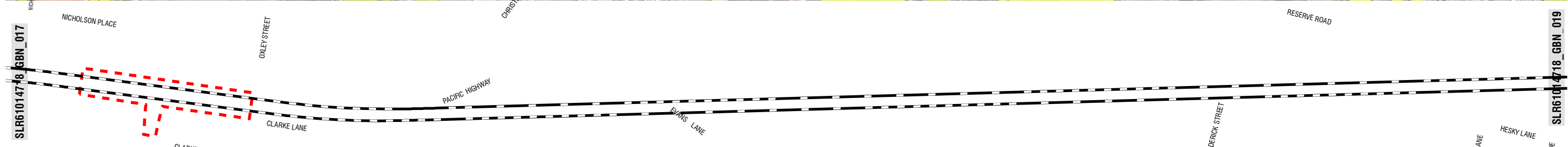
- Proposed Rail Alignment
- Construction Sites

Ground-borne Noise Level (dBA)	
	≤15
	16 - 20
	21 - 25
	26 - 30
	31 - 35
	36 - 40
	40 - 45
	46 - 50
	51 - 55
	56 - 60

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**Construction Phase
Ground Borne Noise Levels**
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FIGURE: SLR61014718_GBN_017



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LEGEND

-  Proposed Rail Alignment
-  Construction Sites

Ground-borne Noise Level (dBA)	
	≤15
	16 - 20
	21 - 25
	26 - 30
	31 - 35
	36 - 40
	40 - 45
	46 - 50
	51 - 55
	56 - 60

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Ground Borne Noise Levels**
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FIGURE: SLR61014718_GBN_018



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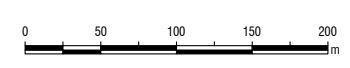
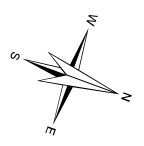
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LEGEND

- Proposed Rail Alignment
- Construction Sites

Ground-borne Noise Level (dBA)	
	≤15
	16 - 20
	21 - 25
	26 - 30
	31 - 35
	36 - 40
	40 - 45
	46 - 50
	51 - 55
	56 - 60

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**Construction Phase
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FIGURE: SLR61014718_GBN_019



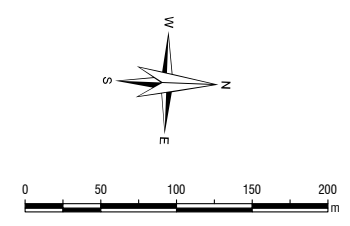
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LEGEND

- Proposed Rail Alignment
- Construction Sites

Ground-borne Noise Level (dBA)	
≤15	16 - 20
21 - 25	26 - 30
31 - 35	36 - 40
40 - 45	46 - 50
51 - 55	56 - 60

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Ground Borne Noise Levels
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 FIGURE: SLR61014718_GBN_020