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Project No.:	510.14718
Date:	8/9/2016
Drawn by:	MS
Scale:	1:4,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

50

Sydney Metro Chatswood to Sydenham

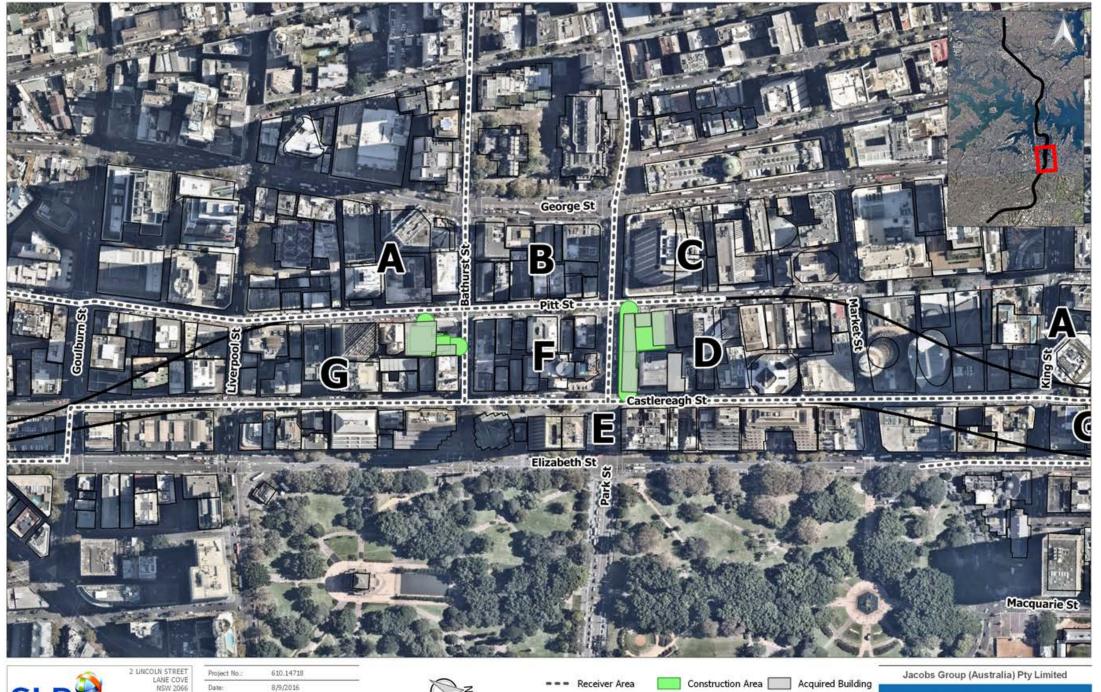
Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening

Worst-case Exceedance of NML

0 dB - 10 dB

100 m

10 dB - 20 dB





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Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Night

Worst-case Exceedance of NML

100 m

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10 dB - 20 dB





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--- Receiver Area

Construction Area

> 20 dB

Acquired Building

Worst-case Exceedance of NML

150 m 0 dB - 10 dB 10 dB - 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Daytime





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--- Receiver Area

150 m 0 dB - 10 dB

Worst-case Exceedance of NML

Construction Area

10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Day OOH





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--- Receiver Area



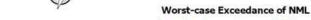
Construction Area

> 20 dB

Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Evening



150 m 0 dB - 10 dB

10 dB - 20 dB





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--- Receiver Area

150 m 0 dB - 10 dB

Worst-case Exceedance of NML

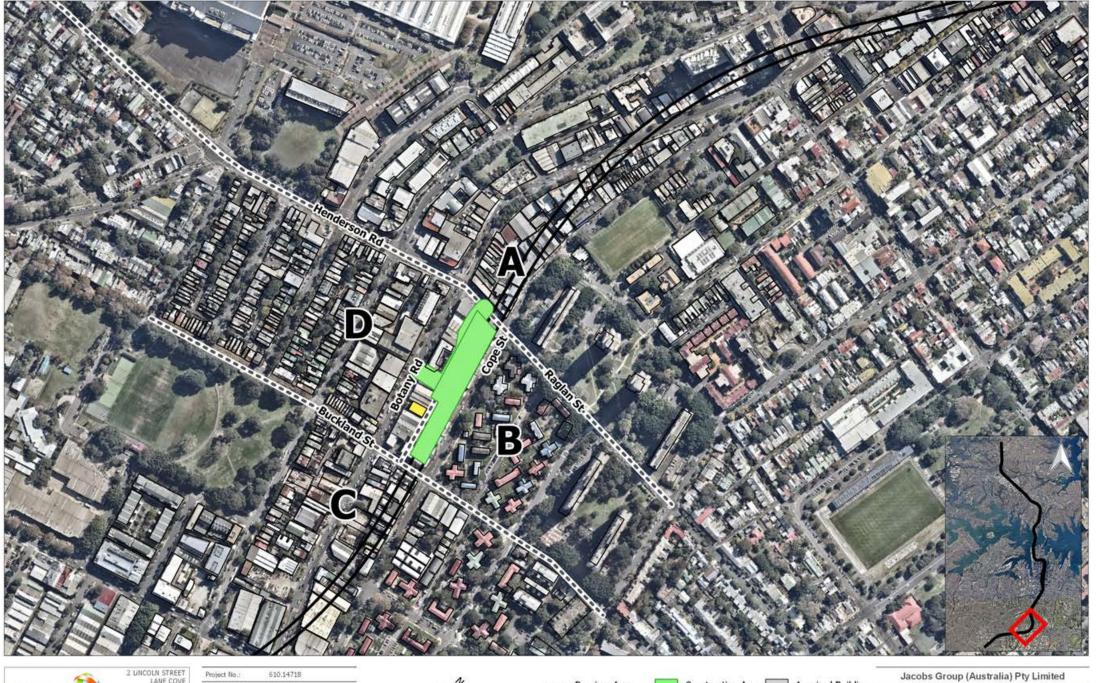
10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Night





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100

=== Receiver Area

150 m 0 dB - 10 dB

Worst-case Exceedance of NML

Construction Area

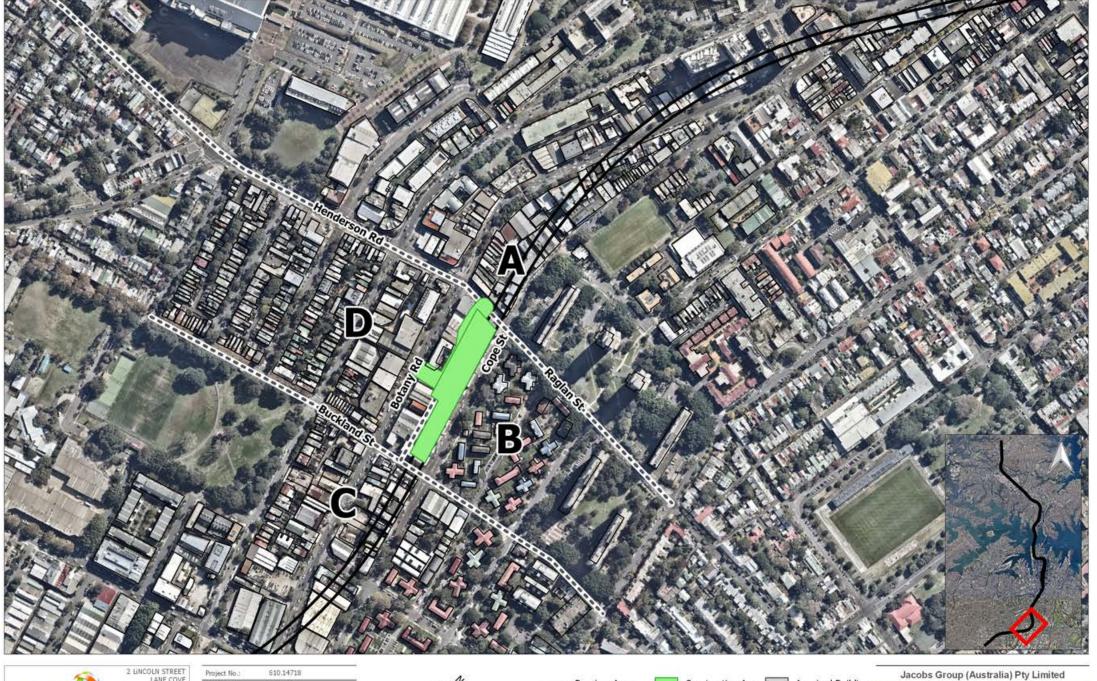
10 dB - 20 dB

> 20 dB

Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime





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100

=== Receiver Area

0 dB - 10 dB

150 m

Worst-case Exceedance of NML

Construction Area

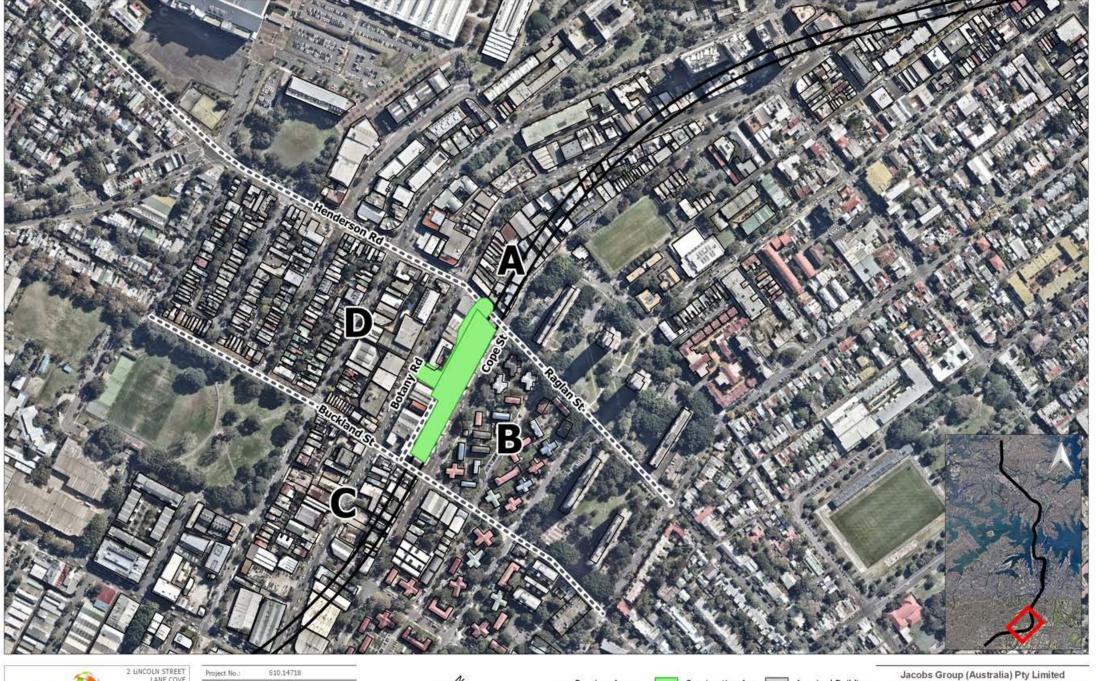
10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Day OOH





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Projection:	GDA 1994 MGA Zone 56

100

=== Receiver Area

0 dB - 10 dB

150 m

Worst-case Exceedance of NML

Construction Area

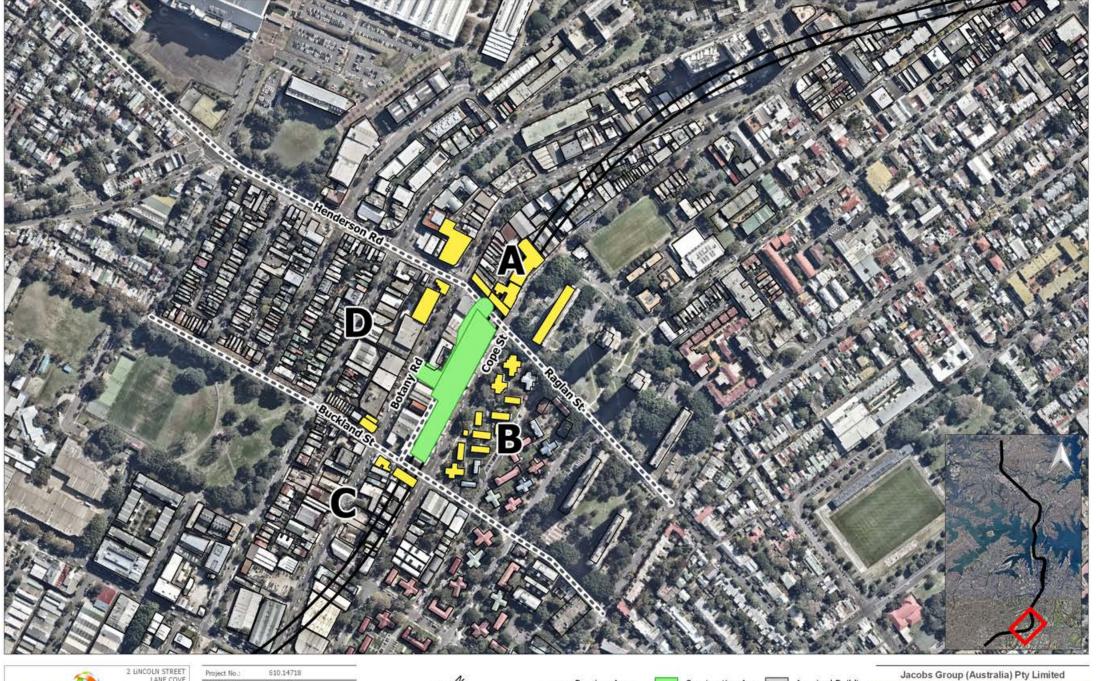
10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening





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100

=== Receiver Area

0 dB - 10 dB

150 m

Worst-case Exceedance of NML

Construction Area

10 dB - 20 dB

> 20 dB

Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Night

Report 610.14718 Construction Noise Predictions

Fitout

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Projection:	GDA 1994 MGA Zone 56



=== Receiver Area

150 m 0 dB - 10 dB

Worst-case Exceedance of NML



10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Fitout with Shed - Daytime





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E COVE W 2066 TRALIA 27 8100 2 0801 ing.com	Project No.:	510.14718
	Date:	08/12/2015
	Drawn by:	MR
	Scale:	1:5,000
	Sheet Size:	@A4
	Projection:	GDA 1994 MGA Zone 56
1,440		

--- Receiver Area

0 dB - 10 dB

150 m

Worst-case Exceedance of NML

Construction Area

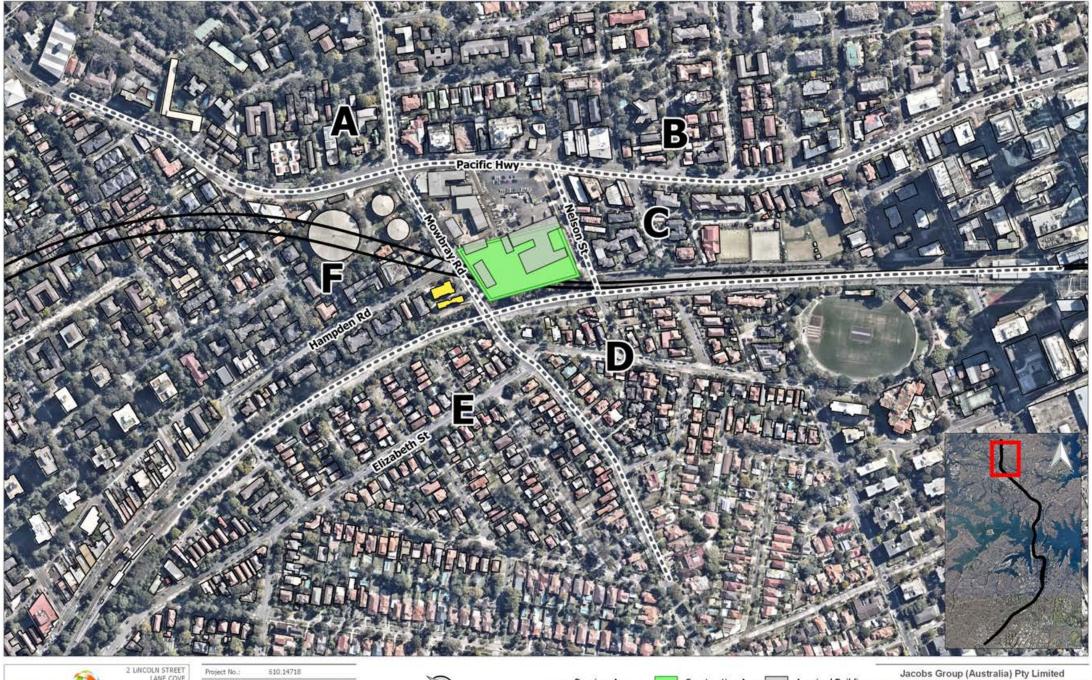
10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Fitout with Shed - Day OOH





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		Projection:	GDA 1994 MGA Zone
		-	

08/12/2015

=== Receiver Area

150 m 0 dB - 10 dB

Worst-case Exceedance of NML



10 dB - 20 dB

> 20 dB

Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Fitout with Shed - Evening





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--- Receiver Area

0 dB - 10 dB

150 m

Worst-case Exceedance of NML

Construction Area

10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Fitout with Shed - Night

Report 610.14718
Construction Noise Predictions
Construction





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Project No.:	510.14718
Date:	17/8/2016
Drawn by:	MS
Scale:	1:4,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

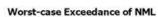
=== Receiver Area



Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance



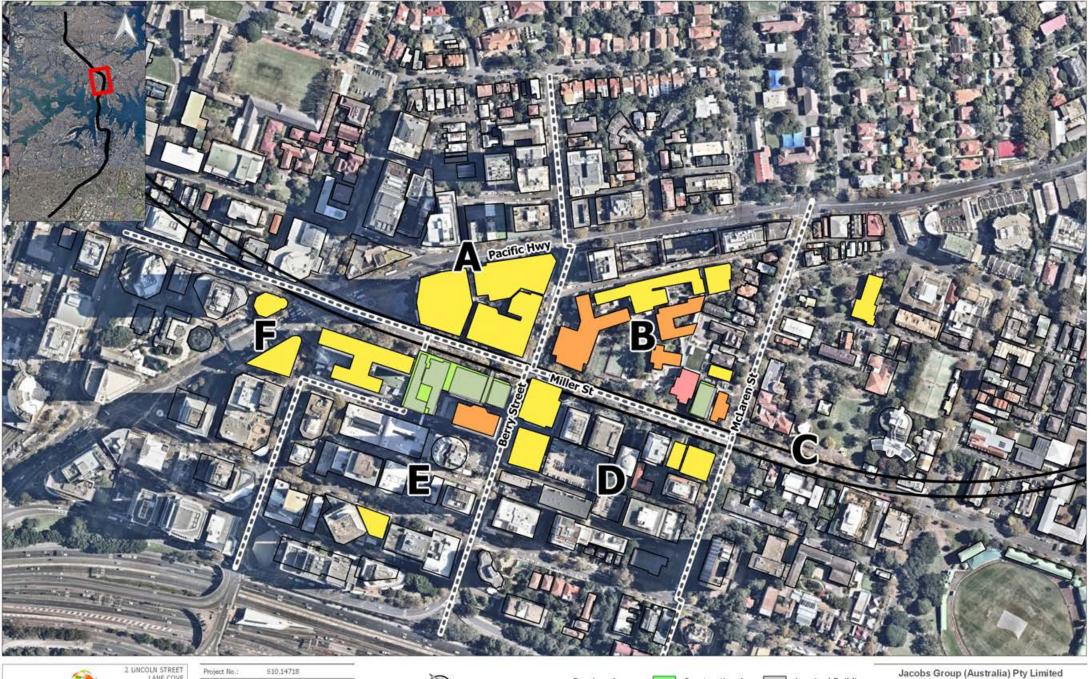
0 dB - 10 dB

100 m

10 dB - 20 dB

> 20 dB

Construction - Daytime





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STREET NE COVE SW 2066 ISTRALIA 427 8100 I 2 0801 Iting.com	Project No.:	510,14718
	Date:	08/12/2015
	Drawn by:	MR
	Scale:	1:4,000
	Sheet Size:	@A4
	Projection:	GDA 1994 MGA Zone 56

=== Receiver Area

Construction Area [

Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Construction - Daytime

Worst-case Exceedance of NML

100 m

0 dB - 10 dB



10 dB - 20 dB





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Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Construction - Daytime

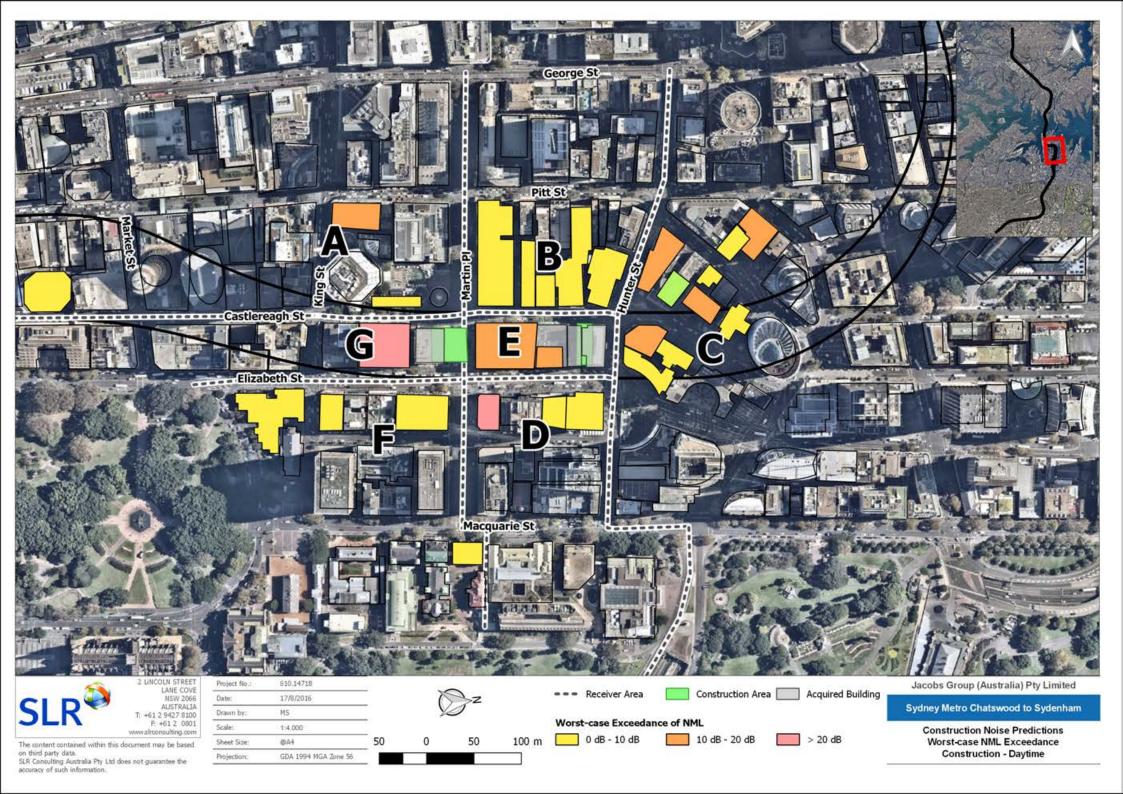
Worst-case Exceedance of NML

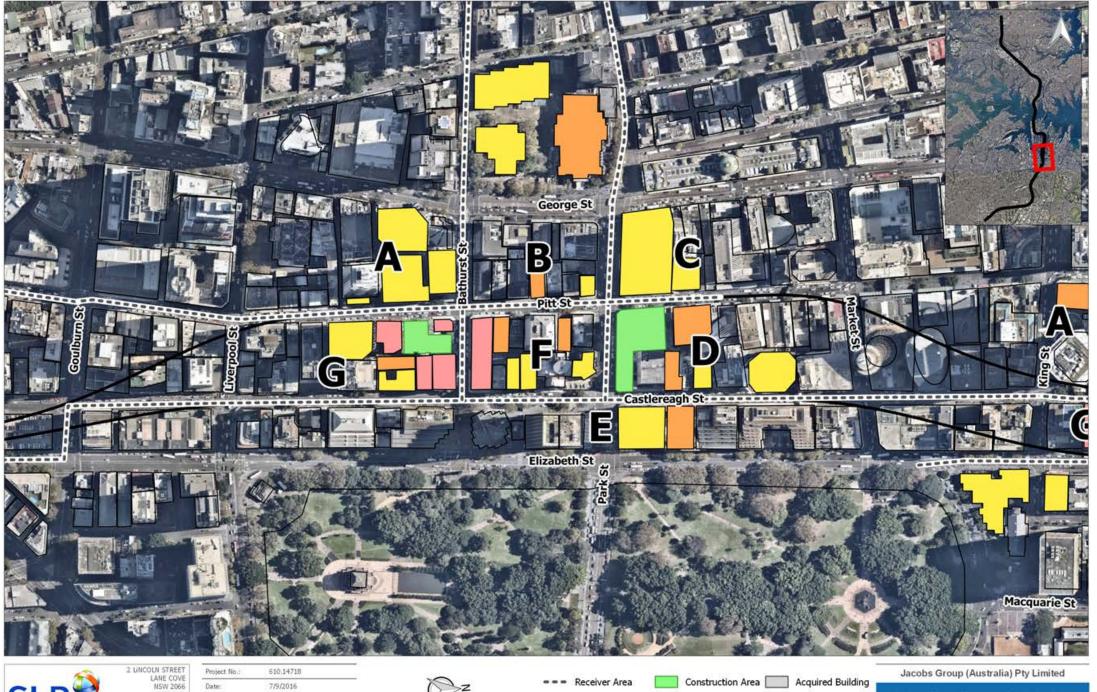
100 m

0 dB - 10 dB



10 dB - 20 dB







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Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Construction - Daytime

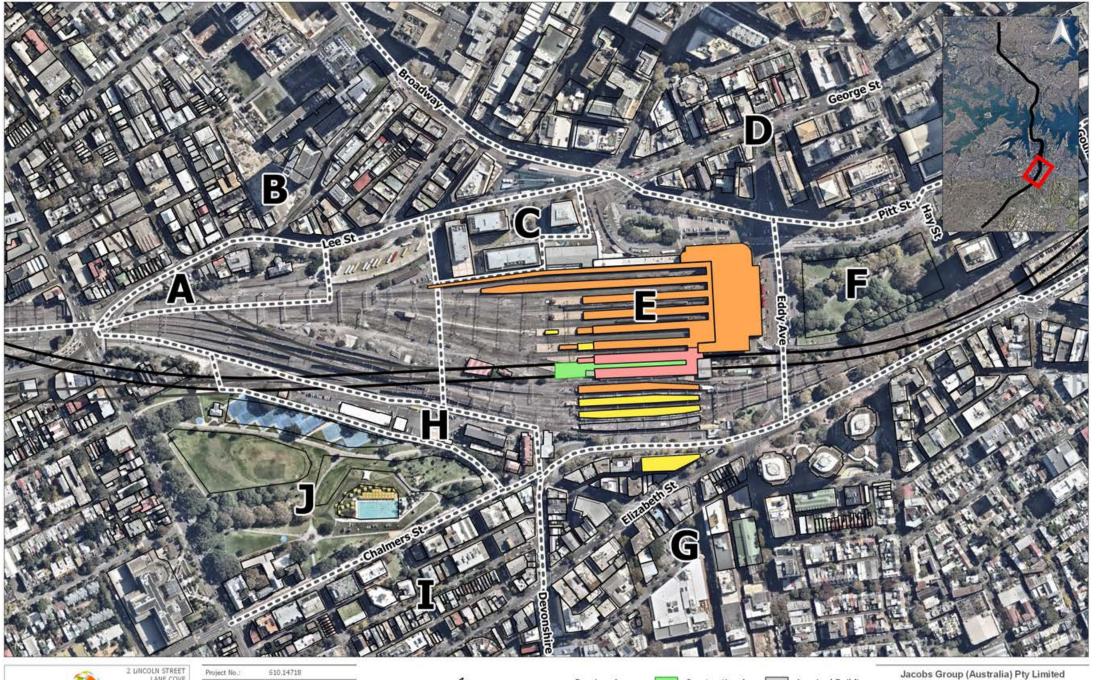
Worst-case Exceedance of NML

100 m

0 dB - 10 dB



10 dB - 20 dB





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COLN STREET	Project No.:	510.14718
NSW 2066	Date:	08/12/2015
AUSTRALIA 2 9427 8100 461 2 0801 onsulting.com	Drawn by:	MR
	Scale:	1:5,000
nay be based	Sheet Size:	@A4
rantee the	Projection:	GDA 1994 MGA Zone 56



=== Receiver Area

150 m 0 dB - 10 dB

Worst-case Exceedance of NML



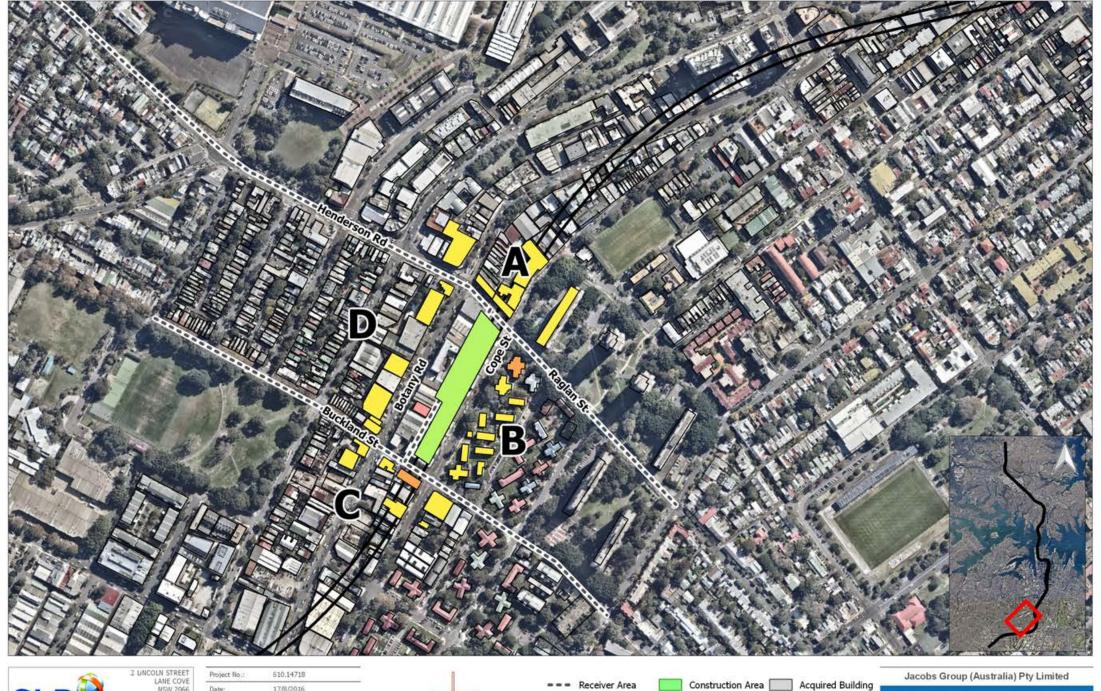
10 dB - 20 dB

> 20 dB

Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Construction - Daytime





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Project No.:	510.14718
Date:	17/8/2016
Drawn by:	MS
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

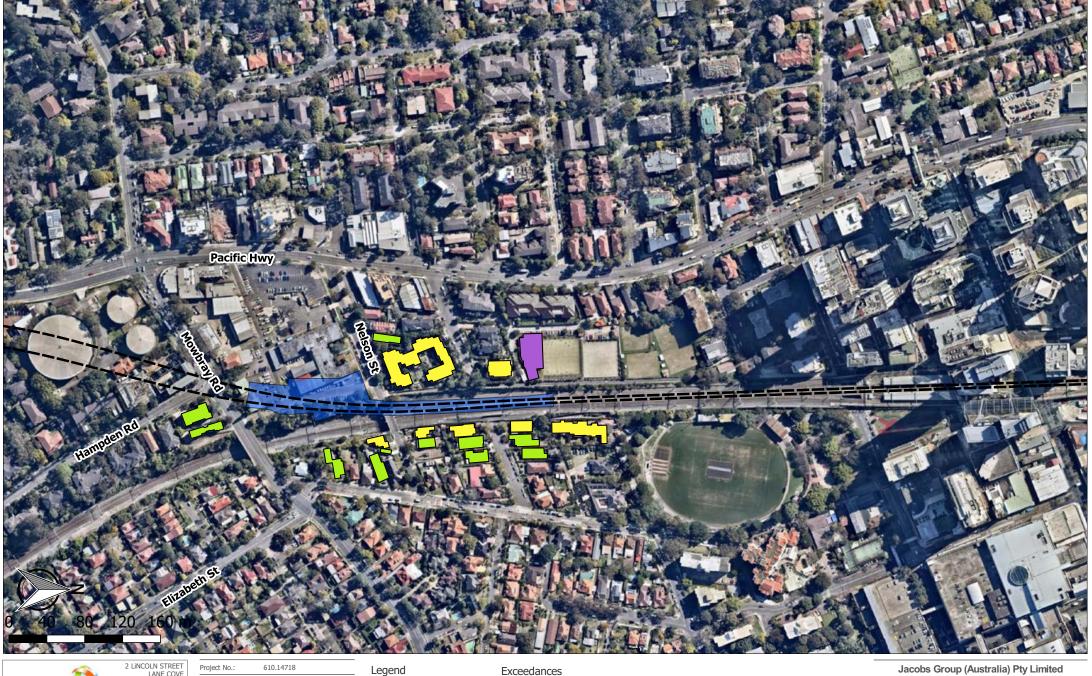


Worst-case Exceedance of NML

150 m 0 dB - 10 dB 10 dB - 20 dB > 20 dB Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Construction - Daytime

CONSTRUCTION GROUND-BORNE NOISE PREDICTIONS





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N STREET	Project No.:	610.14718
ISW 2066	Date:	8/9/2016
JSTRALIA 427 8100	Drawn by:	MS
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e based on	Sheet Size:	@A4
e the	Projection:	GDA 1994 MGA Zone 56

Shaft Locations

Crossover Cavern

Exceedances

Other (NML Exceedance 0 to 10 dB)

Other (NML Exceedance 10 to 20 dB)

Other (NML Exceedance 20 to 25 dB)

Other (NML Exceedance > 25 dB)

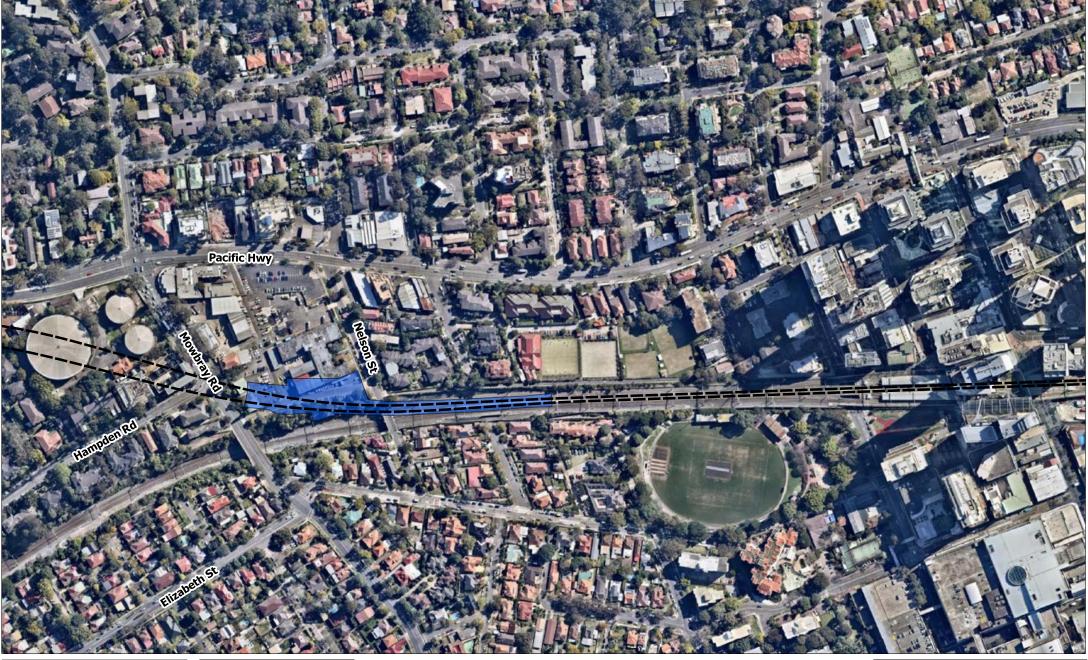
Residential (NML Exceedance 0 to 10 dB)

Residential (NML Exceedance 10 to 20 dB)

Residential (NML Exceedance 20 to 25 dB) Residential (NML Exceedance > 25 dB)

Sydney Metro Chatswood to Sydenham

Ground-Bourne Noise Assessment Day-time Chatswood





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Scale:	1:1
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

Legend

Shaft Locations

Crossover Cavern

Exceedances

Residential (NML Exceedance 0 to 10 dB)

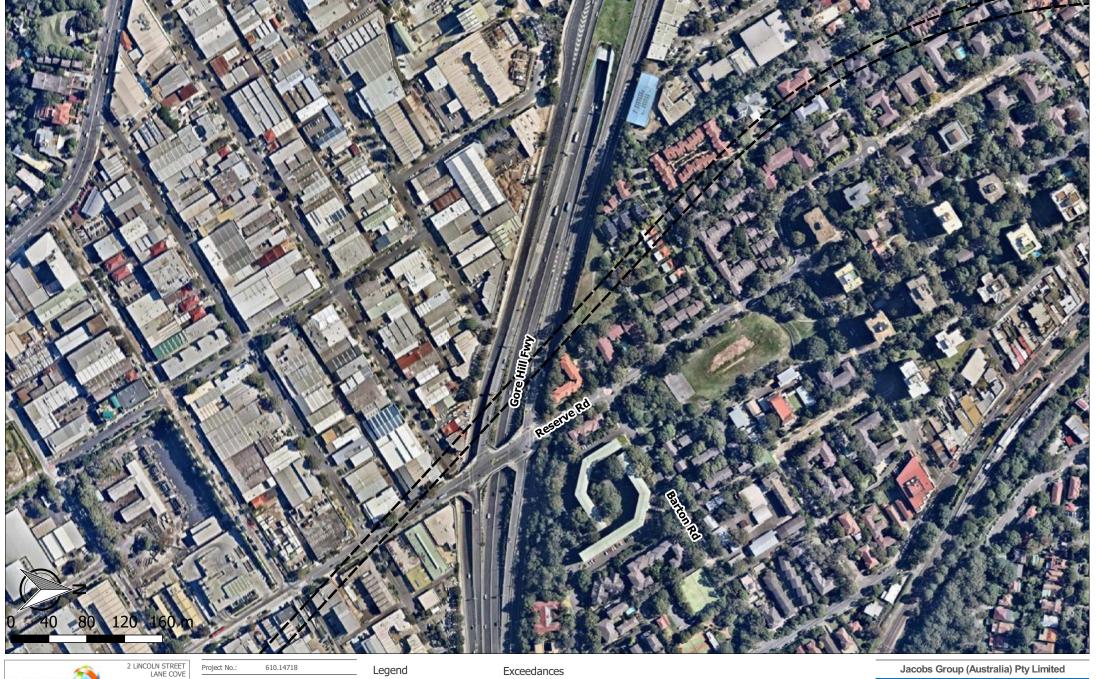
Residential (NML Exceedance 10 to 20 dB)

Residential (NML Exceedance 20 to 25 dB) Residential (NML Exceedance > 25 dB)

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Ground-Bourne Noise Assessment Night-time Chatswood





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	Scale:	1:4,000
	Sheet Size:	@A4
	Projection:	GDA 1994 MGA Zone 56

Shaft Locations

Crossover Cavern

Other (NML Exceedance 0 to 10 dB)

Other (NML Exceedance 10 to 20 dB)

Other (NML Exceedance 20 to 25 dB)

Other (NML Exceedance > 25 dB)

Residential (NML Exceedance 0 to 10 dB)

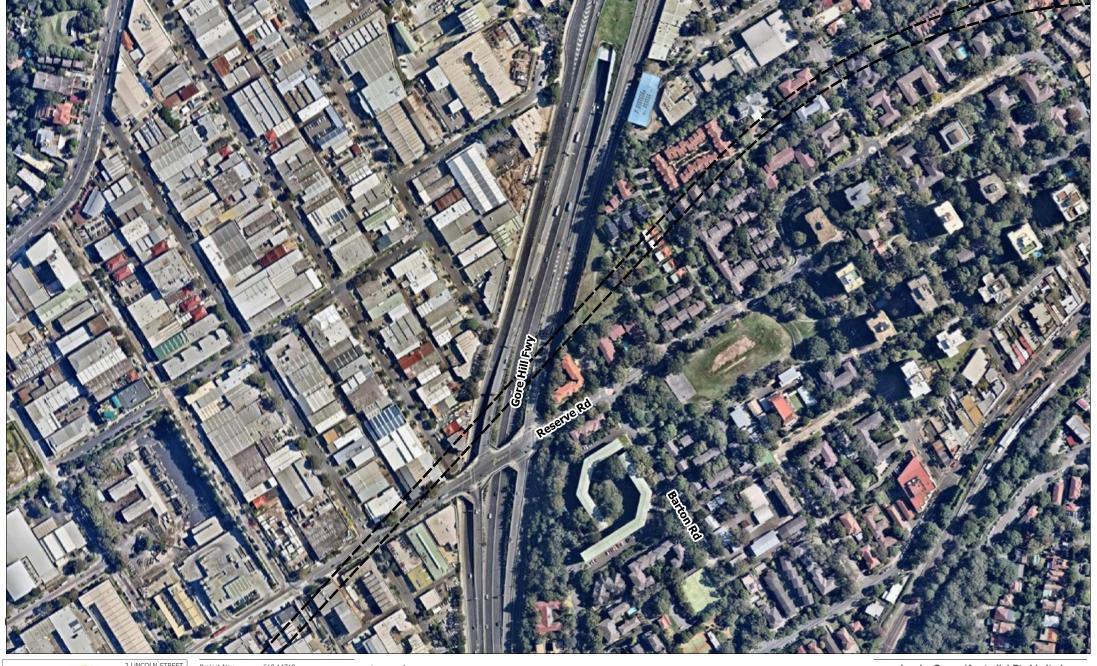
Residential (NML Exceedance 10 to 20 dB)

Residential (NML Exceedance 20 to 25 dB)

Residential (NML Exceedance > 25 dB)

Sydney Metro Chatswood to Sydenham

Ground-Bourne Noise Assessment Day-time Artarmon





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Legend

Shaft Locations

Crossover Cavern

Exceedances

Residential (NML Exceedance 0 to 10 dB)

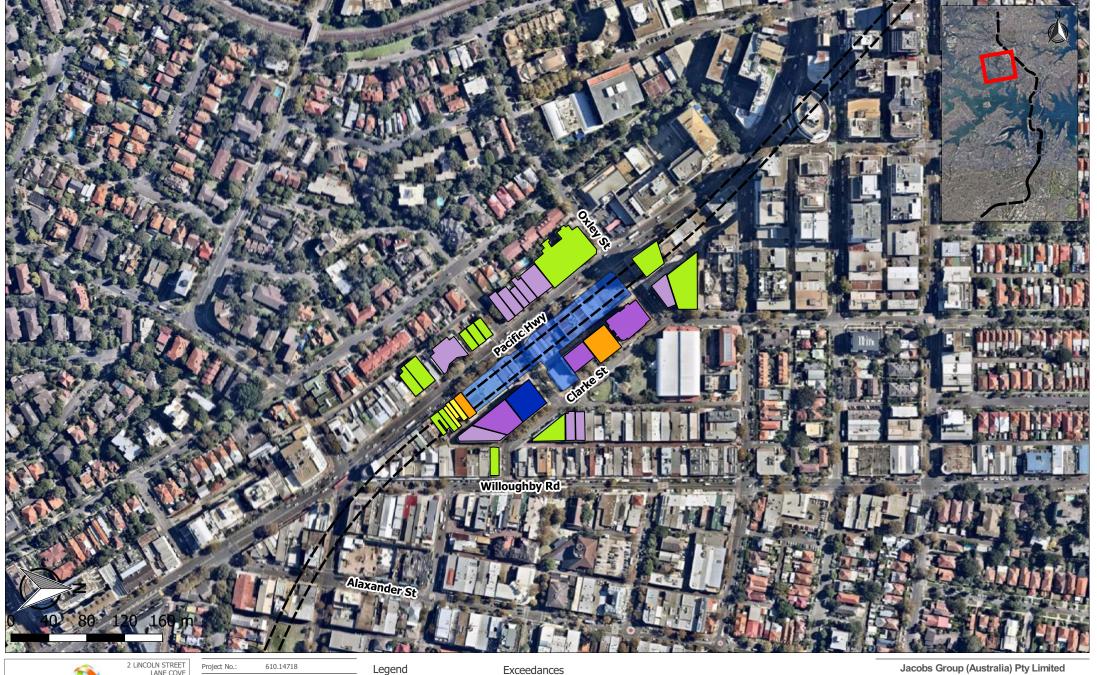
Residential (NML Exceedance 10 to 20 dB)

Residential (NML Exceedance 20 to 25 dB) Residential (NML Exceedance > 25 dB)

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Ground-Bourne Noise Assessment Night-time Artarmon





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Shaft Locations

Crossover Cavern

Other (NML Exceedance 0 to 10 dB)

Other (NML Exceedance 10 to 20 dB)

Other (NML Exceedance 20 to 25 dB)

Other (NML Exceedance > 25 dB)

Residential (NML Exceedance 0 to 10 dB)

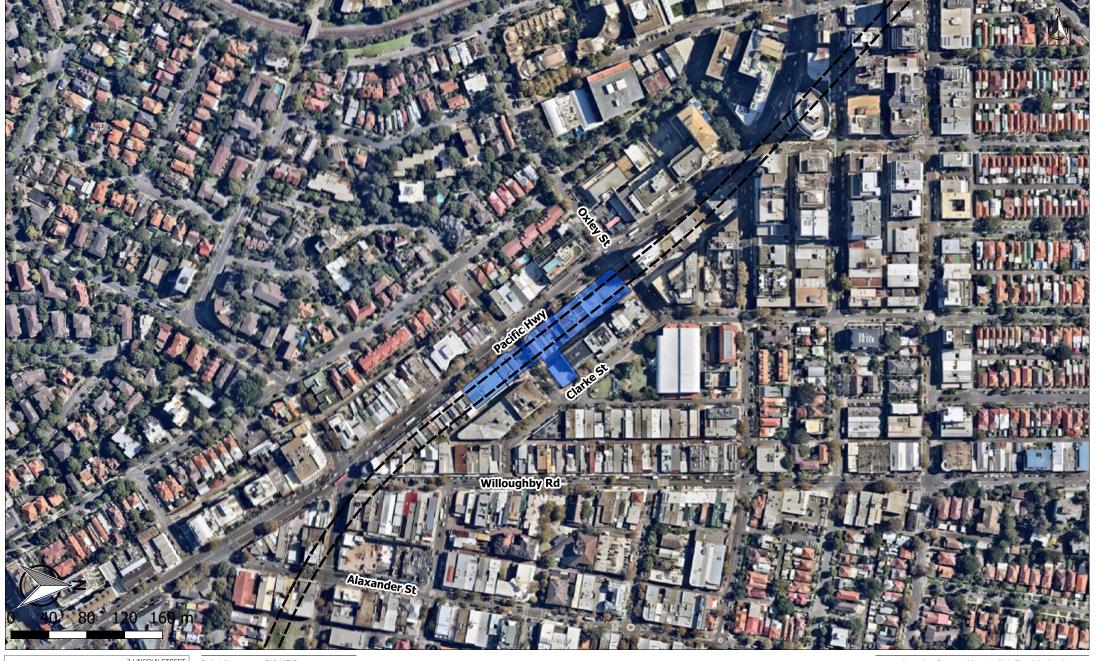
Residential (NML Exceedance 10 to 20 dB)

Residential (NML Exceedance 20 to 25 dB)

Residential (NML Exceedance > 25 dB)

Sydney Metro Chatswood to Sydenham

Ground-Bourne Noise Assessment
Day-time
Crows Nest





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Legend

Shaft Locations

Crossover Cavern

Exceedances

Residential (NML Exceedance 0 to 10 dB)

Residential (NML Exceedance 10 to 20 dB)

Residential (NML Exceedance 20 to 25 dB)

Residential (NML Exceedance > 25 dB)

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Ground-Bourne Noise Assessment Night-time Crows Nest