

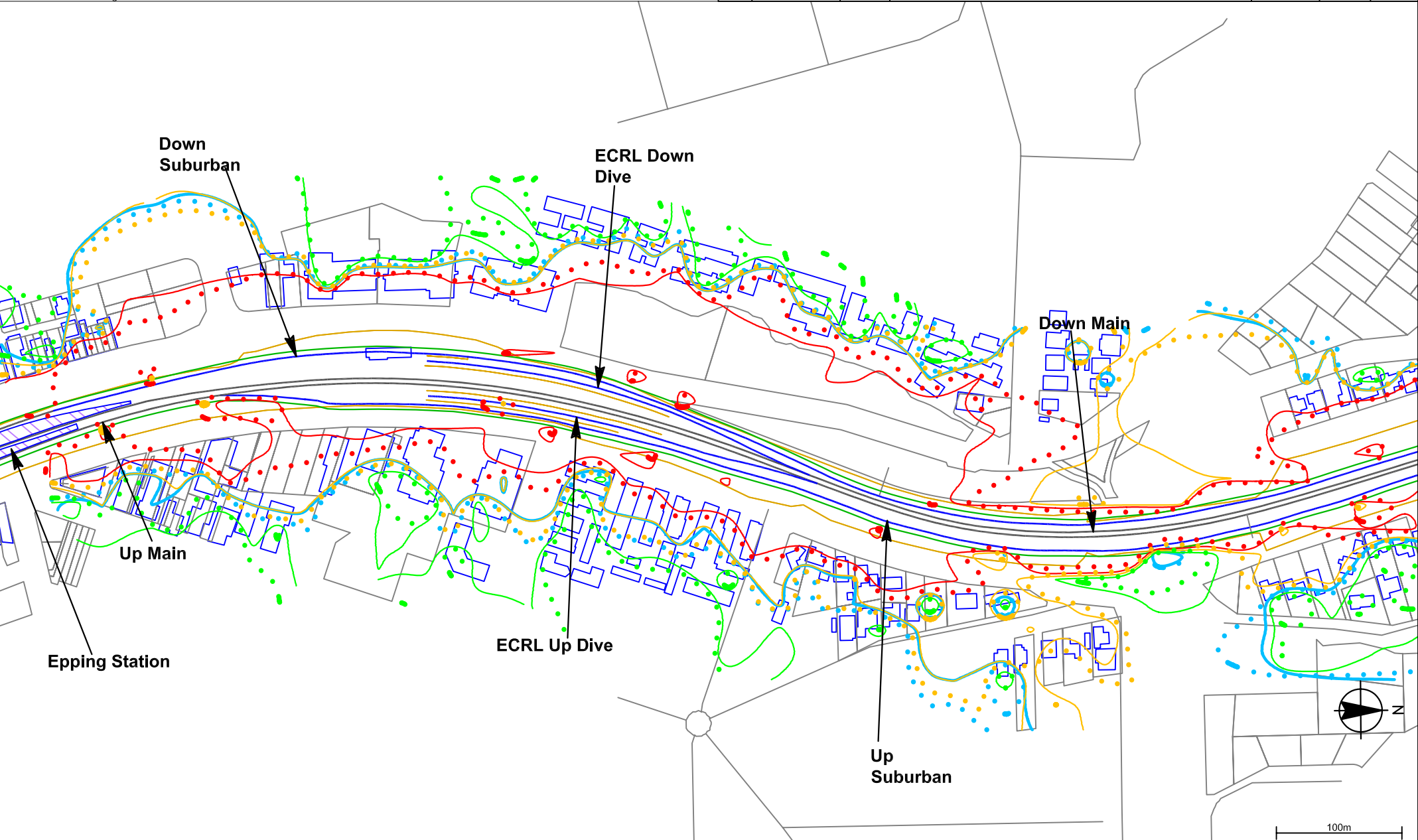
Appendix K

Report 10-4715R2

Cover Page

Main North Line - Noise Contour Plots with 3m Barriers (Freight trains) - ground floor

RevNo	Revision note	Date	Initials	Checked

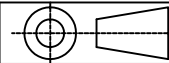


Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers	Station Platform		

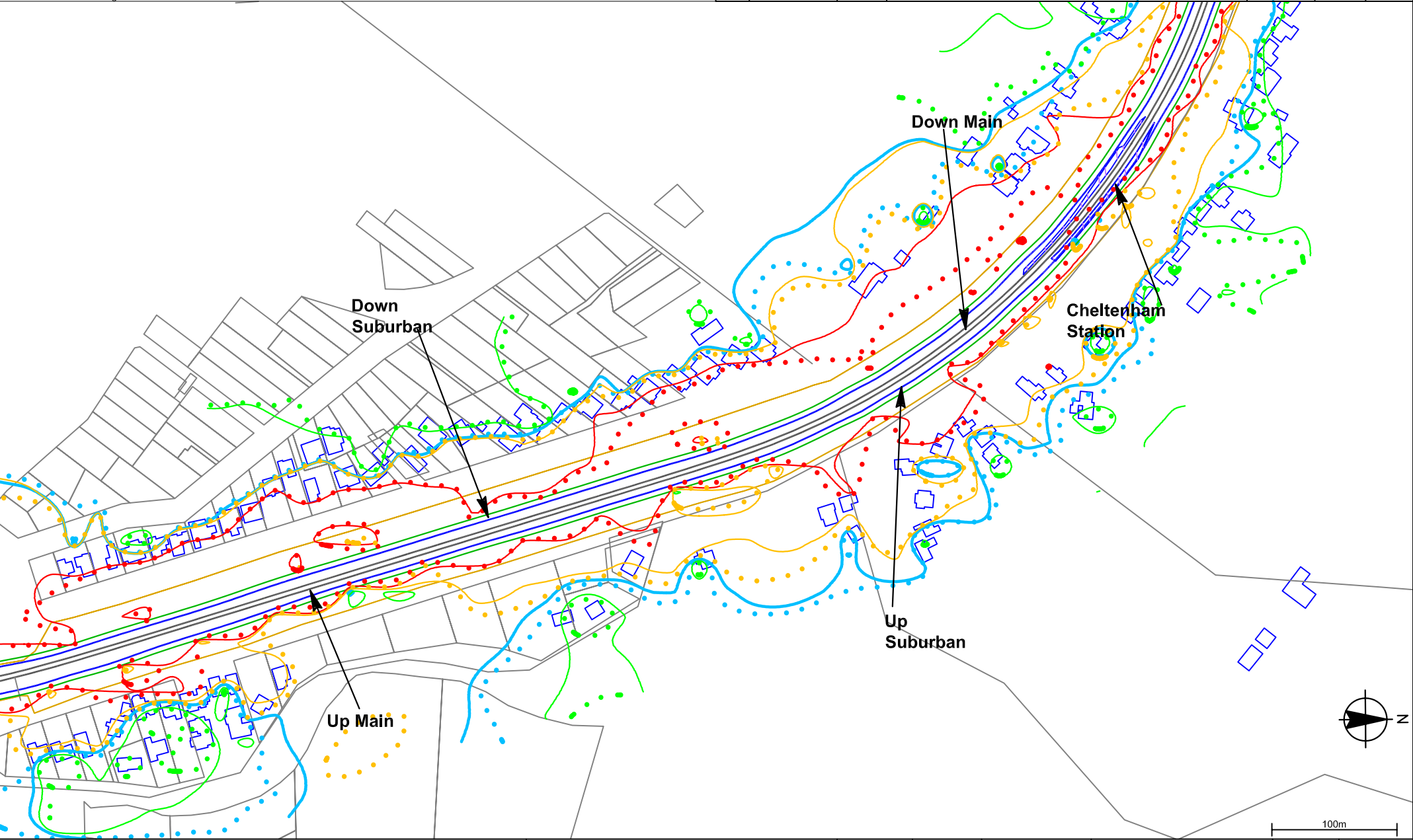
Heggies Australia Pty Ltd
Consulting Engineers
Level 2, 2 Lincoln Street
Lane Cove NSW 2066 Australia
PO Box 176 Lane Cove NSW 1595
Email address sydney@heggies.com.au
Telephone 02 9427 8100 Facsimile 02 9427 8200



Designed by WK	Checked by CW	Approved by - date	Filename 10-4715 NWRL Appendix K	Date 19/08/2006	Scale NTS
Title 10-4715 NWRL - Appendix K Diesel Freight - Operational Phase with 3.0m Barriers Noise Contours 1.5m Above Ground				DWG.No. K-DF-OP3-NC1.5-01	
				Sheet 1	Rev 0



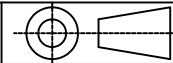
RevNo	Revision note	Date	Initials	Checked
0				



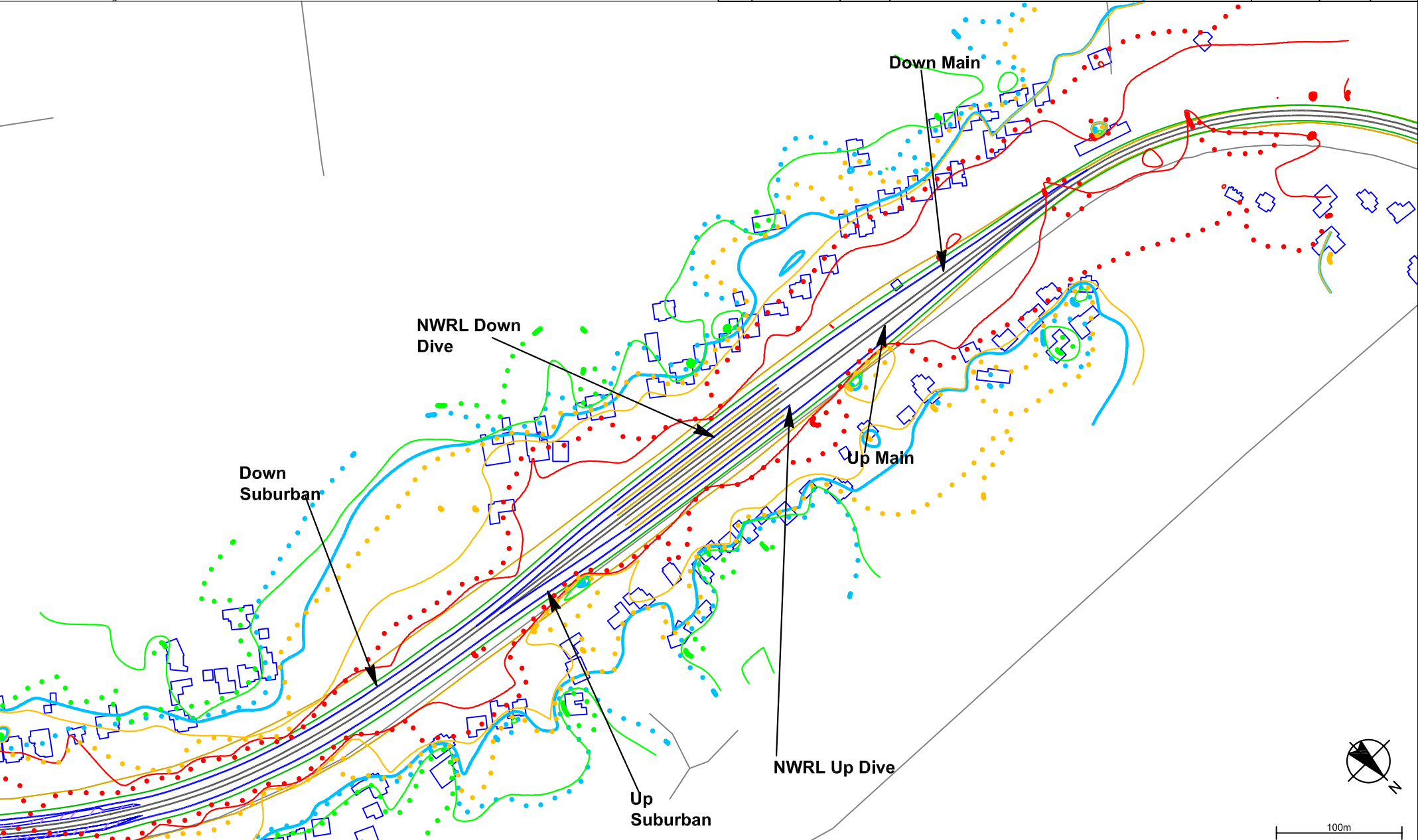
Legend			
85 dBA Lmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA Lmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA Lmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA Lmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers	Station Platform		

Heggies Australia Pty Ltd
Consulting Engineers
Level 2, 2 Lincoln Street
Lane Cove NSW 2066 Australia
PO Box 176 Lane Cove NSW 1595
Email address sydney@heggies.com.au
Telephone 02 9427 8100 Facsimile 02 9427 8200

Designed by WK	Checked by CW	Approved by - date	Filename 10-4715 NWRL Appendix K	Date 19/08/2006	Scale NTS
Title 10-4715 NWRL - Appendix K Diesel Freight - Operational Phase with 3.0m Barriers Noise Contours 1.5m Above Ground				DWG.No. K-DF-OP3-NC1.5-02	
				Sheet 2	Rev 0



RevNo	Revision note	Date	Initials	Checked
0				



100m

Legend			
85 dBA LAmax No Barriers	60 dBA LAeq(24h) No Barriers	Existing Track	New Train Lines
80 dBA LAmax with 3.0m Barriers	55 dBA LAeq(24h) with 3.0m Barriers		
85 dBA LAmax with 3.0m Barriers	60 dBA LAeq(24h) with 3.0m Barriers		
90 dBA LAmax with 3.0m Barriers	65 dBA LAeq(24h) with 3.0m Barriers		
Barriers	Station Platform		

Heggies Australia Pty Ltd
Consulting Engineers
Level 2, 2 Lincoln Street
Lane Cove NSW 2066 Australia
PO Box 176 Lane Cove NSW 1595
Email address sydney@heggies.com.au
Telephone 02 9427 8100 Facsimile 02 9427 8200

Quality Endorsed Company

Designed by WK	Checked by CW	Approved by - date	Filename 10-4715 NWRL Appendix K	Date 19/08/2006	Scale NTS
Title 10-4715 NWRL - Appendix K Diesel Freight - Operational Phase with 3.0m Barriers Noise Contours 1.5m Above Ground				DWG.No. K-DF-OP3-NC1.5-03	
				Sheet 3	Rev 0