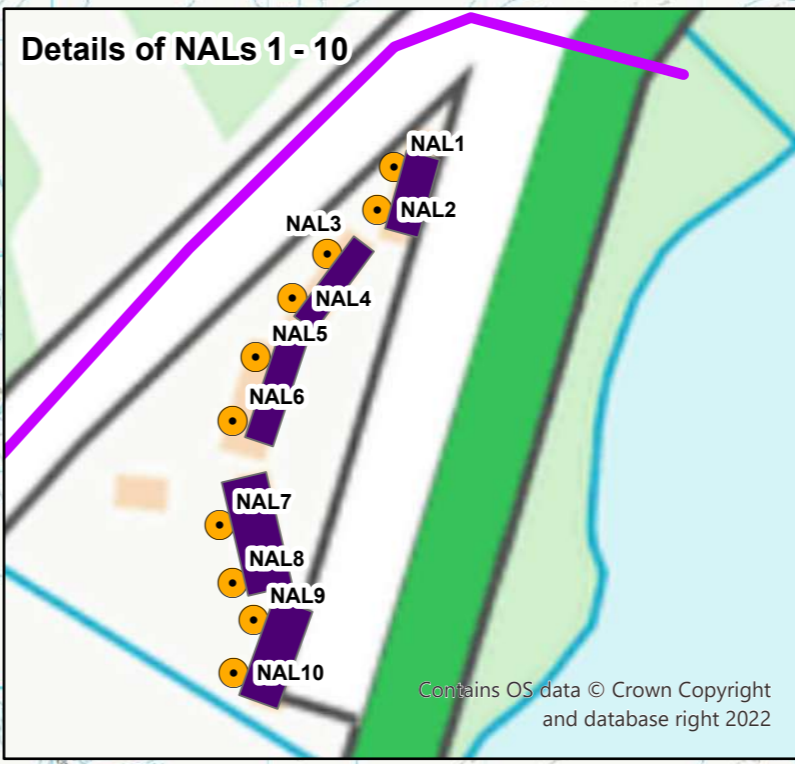
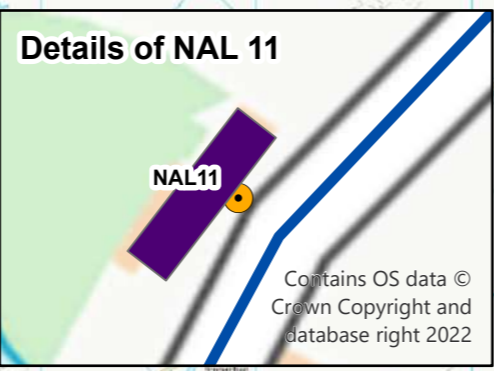
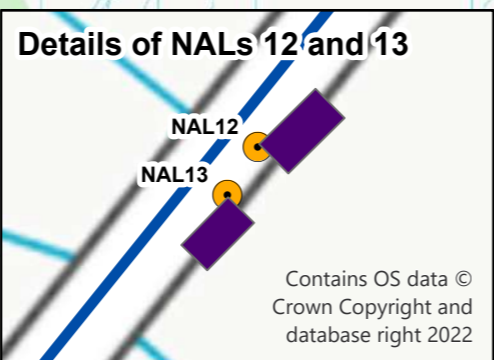
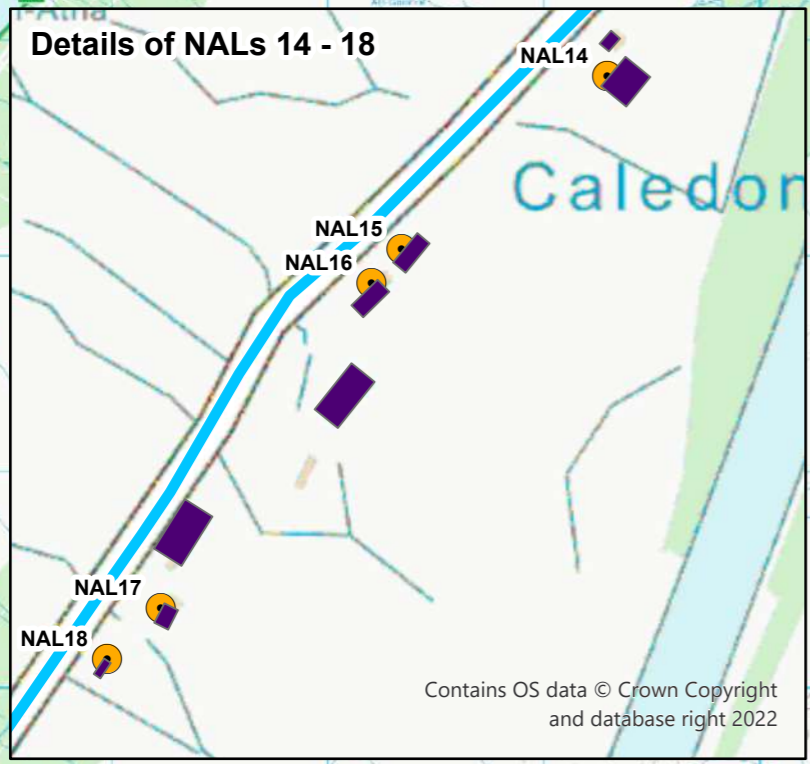
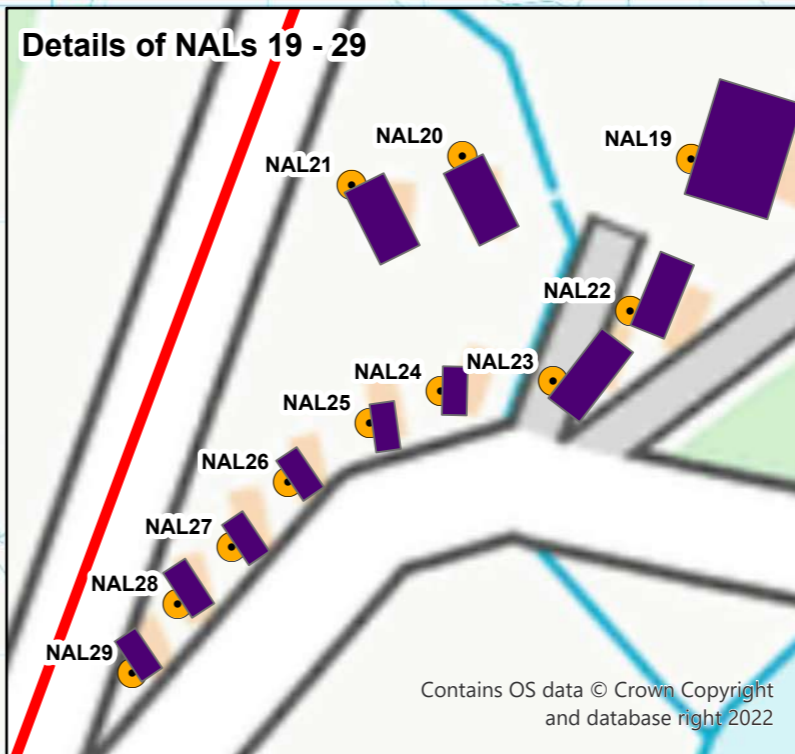
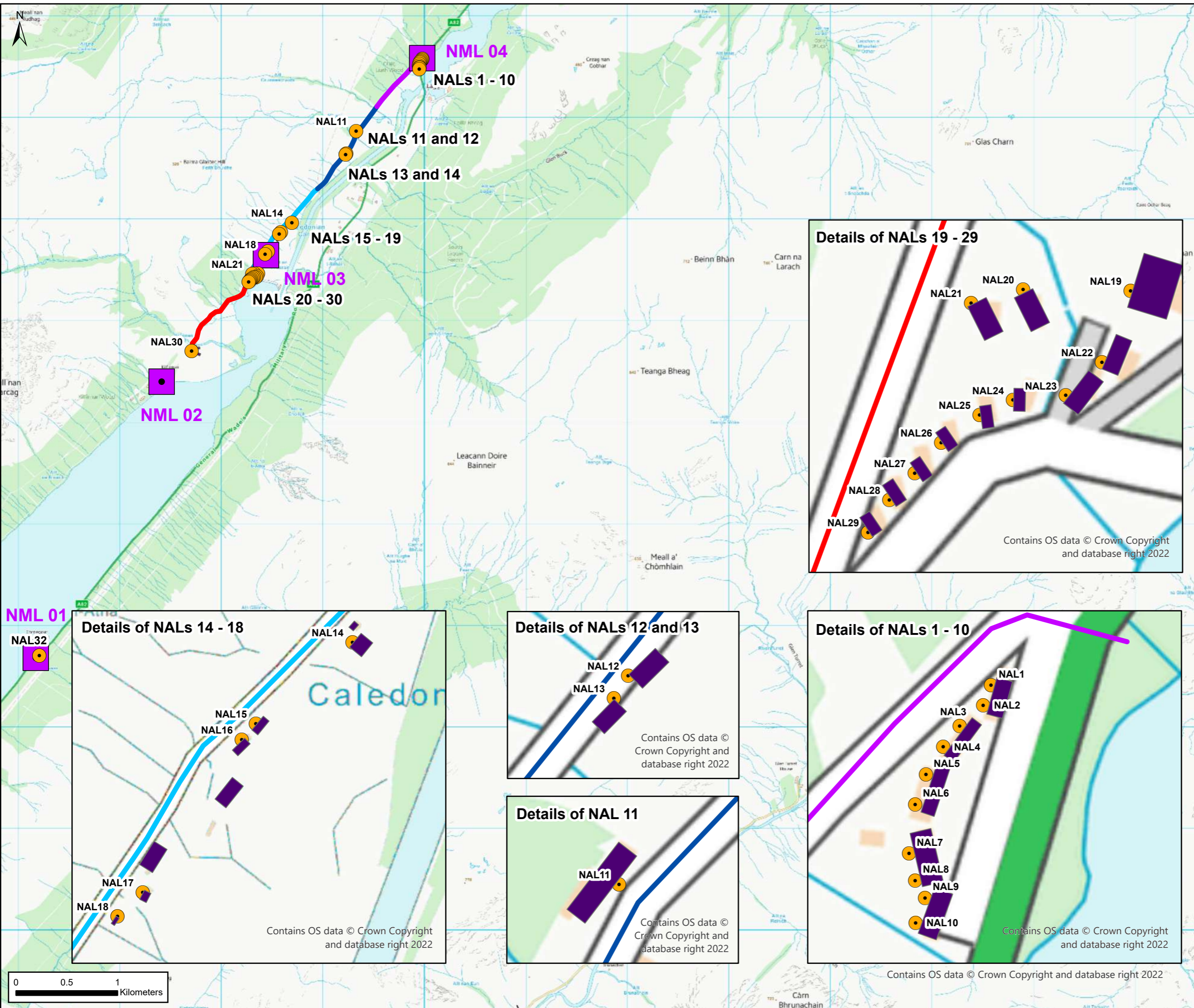




**EIA VOLUME 2**  
**Chapter 5 Technical Figures 5.1-5.17**



### NOTES

**Figure illustrating study area and location of NALs and NMLs**

**LEGEND**

- Noise Assessment Locations (NALs)
- Noise Monitoring Locations (NMLs)
- Modelled Buildings

**Road Sections**

- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82

1	24/10/23	Updated NAL Numbering	JCM	JS	JS
0	18/09/23	First Issue	JCM	JS	JS
Rev	Date	Amendment Details	Drw'n	Chkd	App'd

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**tnei**

**sse Renewables**

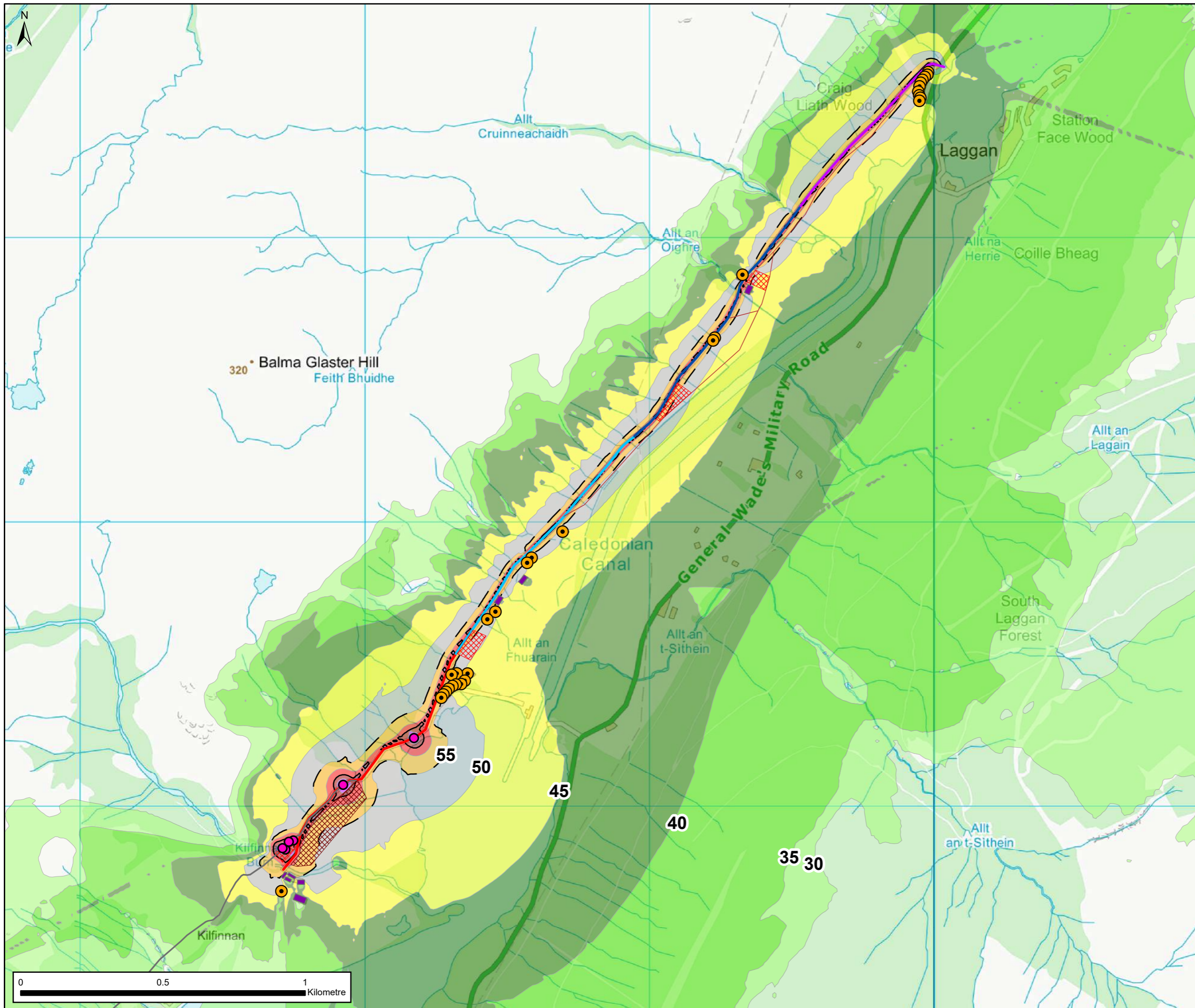
Client

Drawing Status: **FOR PLANNING**

Project Title: **Coire Glas / Kilfinnan Road Improvements**

Drawing Title: **Figure 5.1: Construction Noise Assessment - Study Area**

Scale	1:35,000	Designed	JCM	Drawn	JCM	Checked	JS	Approved	JS
Original Size	A3	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023
Drawing Number	15543-002							Revision	1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours
- 65 dB BSS228 Weekday Daytime Threshold Level
- 55 dB BSS228 Evening / Weekend Threshold Level

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

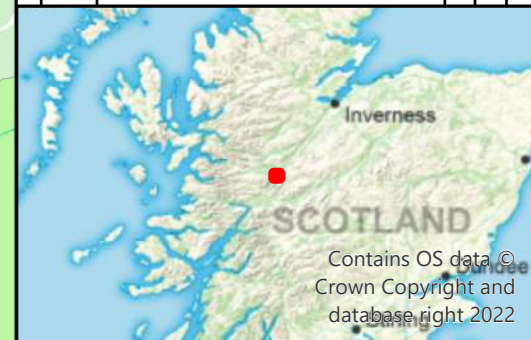
Noise model detailing Month 01: Construction compounds are being established in advance of the road construction commencing. Initial earthworks begin on the temporary active travel route located at the southern end of Kilfinnan road.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

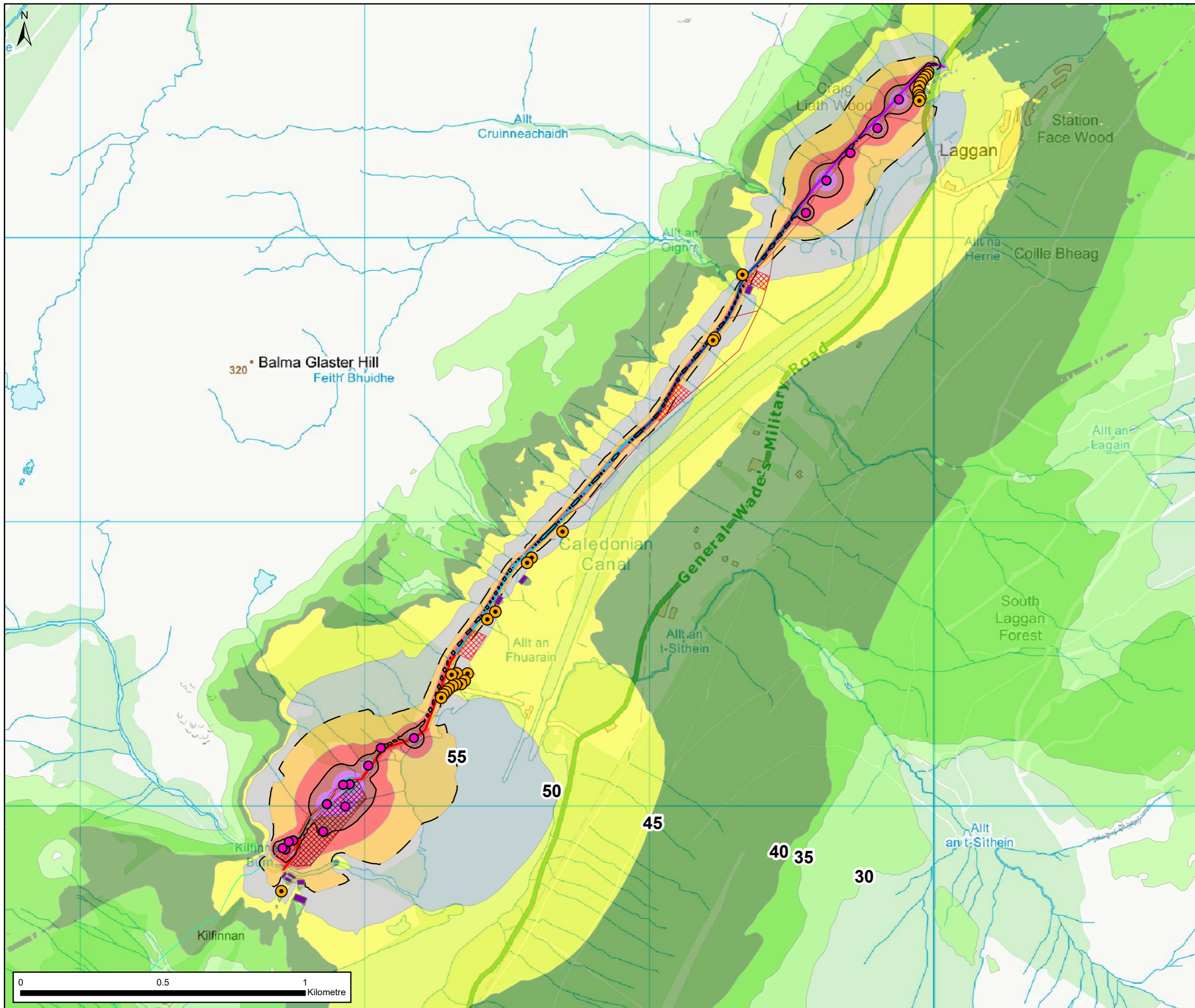
Rev.	Date	Amendment Details	Dr'n	Ch'kd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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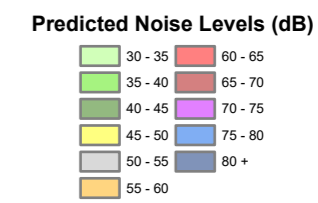


Client	sse Renewables				
Drawing Status	FOR PLANNING				
Project Title	Coire Glas / Kilfinnan Road Improvements				
Drawing Title	Figure 5.2: Construction Noise Assessment - Month 1				
Scale	1:12,500	Designed	Drawn	Checked	Approved
		JCM	JCM	JS	JS
Original Size	A3	Date	Date	Date	Date
		24/10/2023	24/10/2023	24/10/2023	24/10/2023
Drawing Number	15542-003				Revision
					1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections
- Kiffinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- DB
- 65 dB B55228 Weekday Daytime Threshold
- - 55 dB B55228 Evening / Weekend Threshold



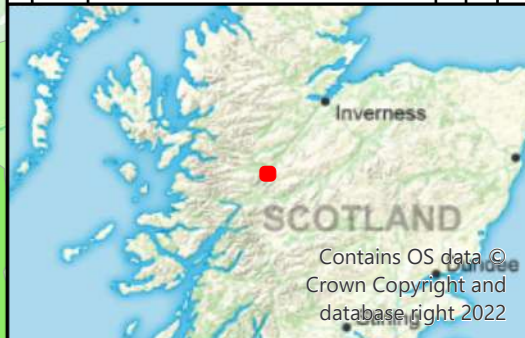
Noise model detailing Month 02: Site set-up and preparation is finalised. Temporary active travel route is completed. Initial earthworks start at the southern end of Kiffinnan Road (Kiffinnan Bridge) working north to CH400. Site Construction of temporary diversion road begins by the A82 junction.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev.	Date	Amendment Details	Dr'n	Ch'g'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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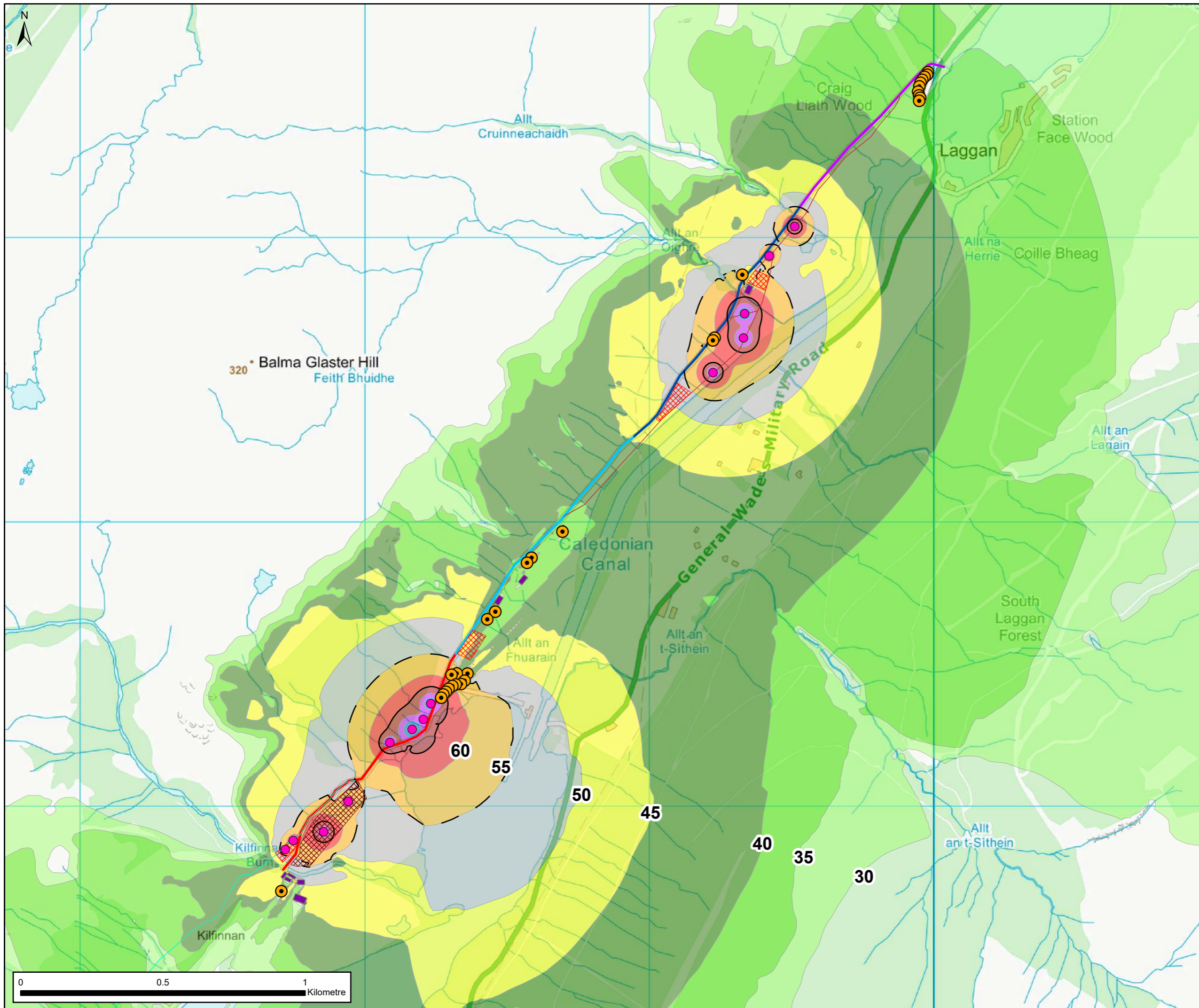
Client  
 Drawing Status: FOR PLANNING

Project Title  
 Coire Glas / Kiffinnan Road Improvements

Drawing Title  
 Figure 5.3: Construction Noise Assessment - Month 2

Scale	Designed	Drawn	Checked	Approved
1:12,500	JCM	JCM	JS	JS
Original Size	Date	Date	Date	Date
A3	24/10/2023	24/10/2023	24/10/2023	24/10/2023

Drawing Number: 15542-004  
 Revision: 1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB BS5228 Weekday Daytime Threshold
- - 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

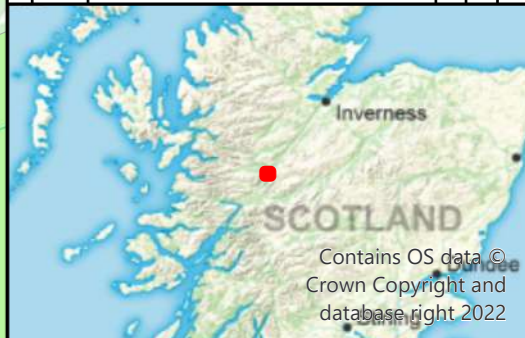
Noise model detailing Month 03: Construction of temporary diversion road is completed. Earthworks are progressing up to CH1000. Spoil from earthworks is used to establish construction compound by Kilfinnan bridge.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

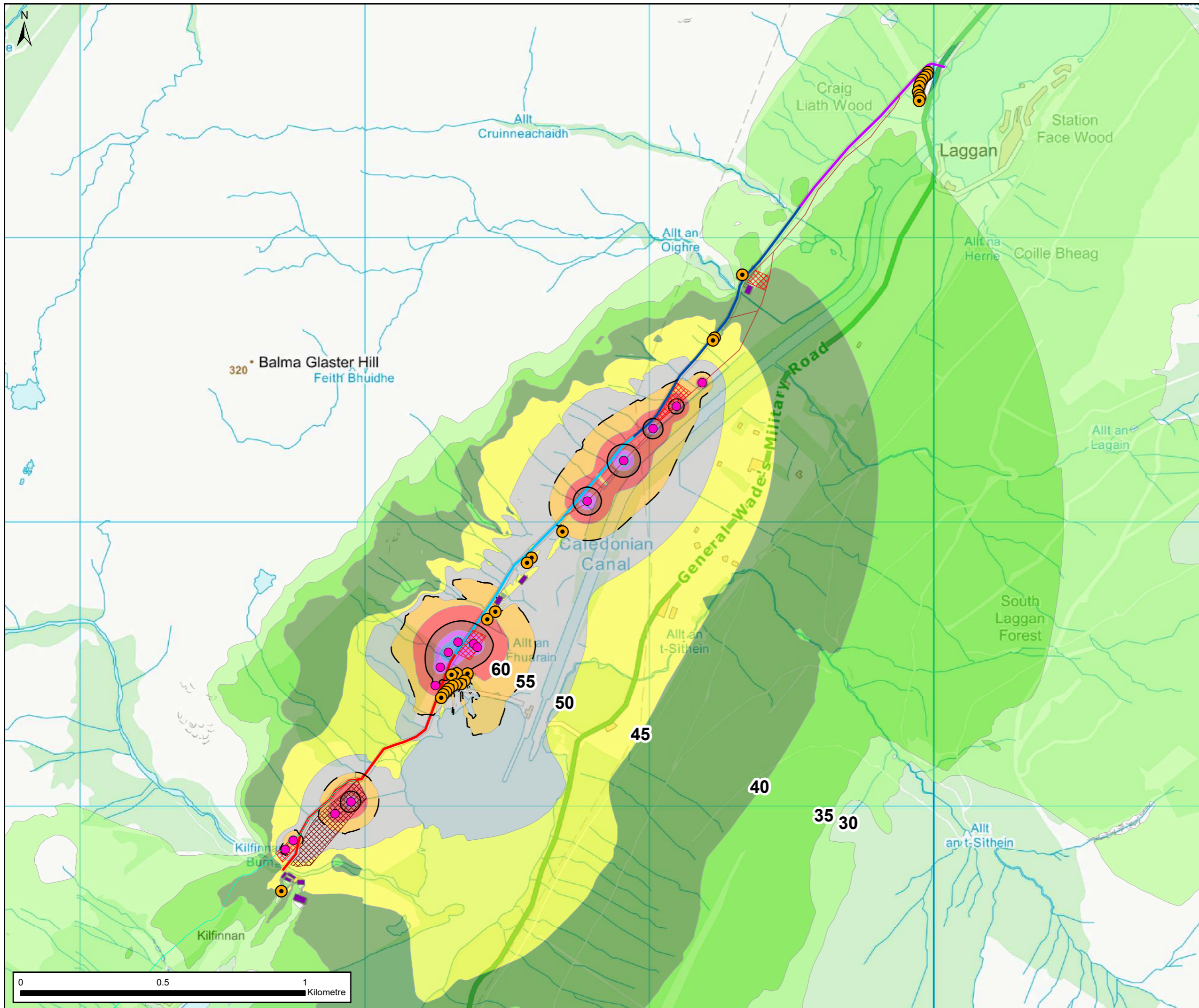
Rev	Date	Amendment Details	Dr'n	Ch'k'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client	FOR PLANNING				
Project Title	Coire Glas / Kilfinnan Road Improvements				
Drawing Title	Figure 5.4: Construction Noise Assessment - Month 3				
Scale	1:12,500	Designed	Drawn	Checked	Approved
Original Size	A3	Date	Date	Date	Date
Design	JCM	24/10/2023	JCM	JS	JS
Drawn	JCM	24/10/2023	JS	JS	JS
Checked	JS	24/10/2023	JS	JS	JS
Approved	JS	24/10/2023	JS	JS	JS
Drawing Number	15542-005				Revision
					1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB BS5228 Weekday Daytime Threshold
- 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

Noise model detailing Month 04: Construction of temporary diversion road is completed. Earthworks are progressing up to CH1000. Spoil from earthworks is used to establish construction compound by Kilfinnan bridge.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

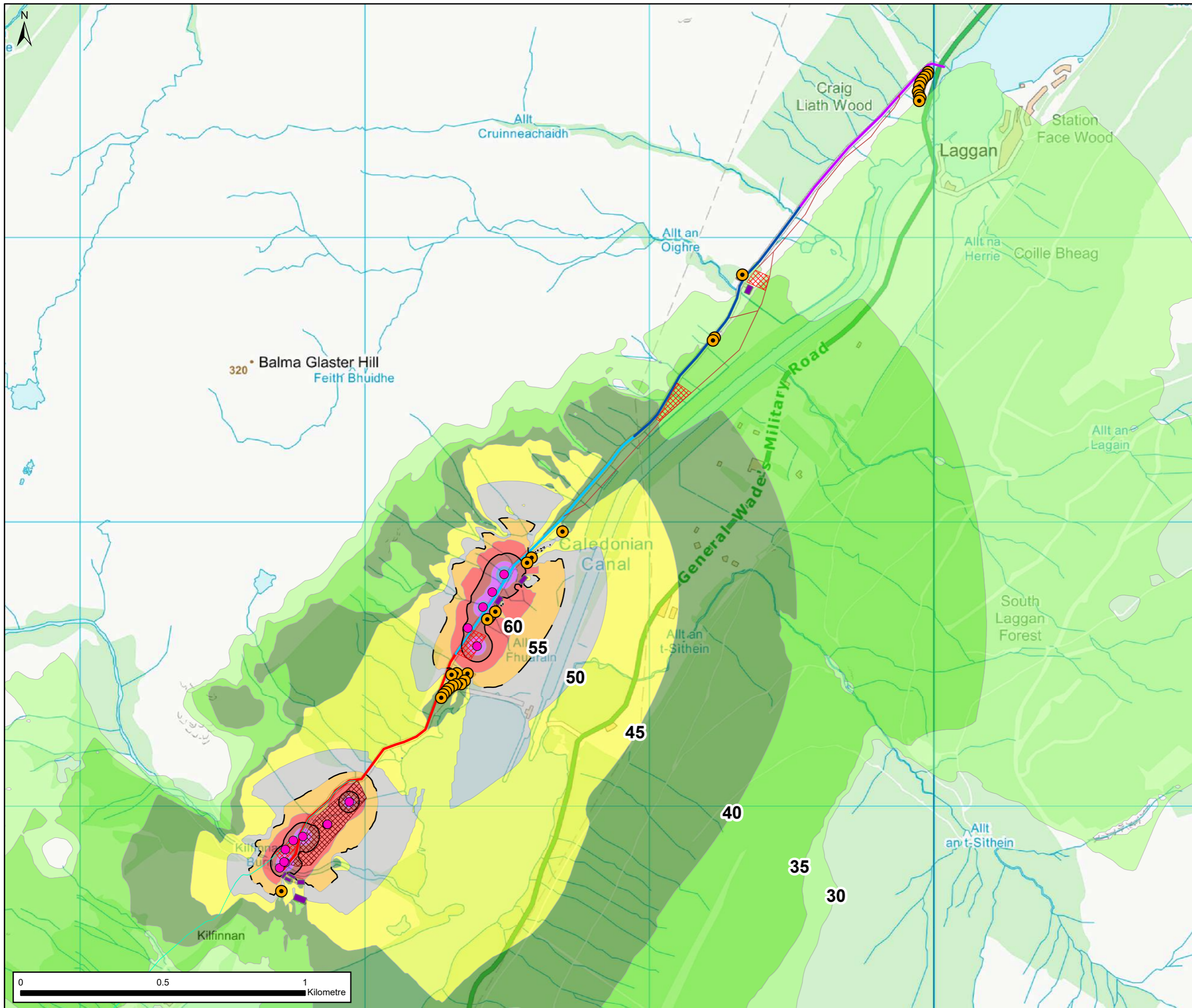
Rev	Date	Amendment Details	Dr'n	Ch'kd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client	sse Renewables				
Drawing Status	FOR PLANNING				
Project Title	Coire Glas / Kilfinnan Road Improvements				
Drawing Title	Figure 5.5: Construction Noise Assessment - Month 4				
Scale	1:12,500	Designed	JCM	Drawn	JCM
Original Size	A3	Date	24/10/2023	Date	24/10/2023
Checked	JS	Date	24/10/2023	Approved	JS
Date	24/10/2023	Revision	1		
Drawing Number	15542-006				1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Construction Plant and Activities Points
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections
  - Kilfinnan Bridge to CH1000
  - CH1000 - CH2000
  - CH2000 - CH3000
  - CH3000 - A82
- Key Noise Contours
  - 65 dB B55228 Weekday Daytime Threshold
  - - 55 dB B55228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

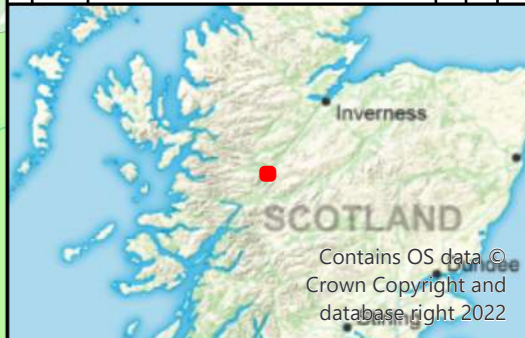
Noise model detailing Month 05: Construction of the new Kilfinnan Bridge commences. Earthworks continue progressing up Kilfinnan road from CH1000 to CH2000. Spoil management is taking place.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

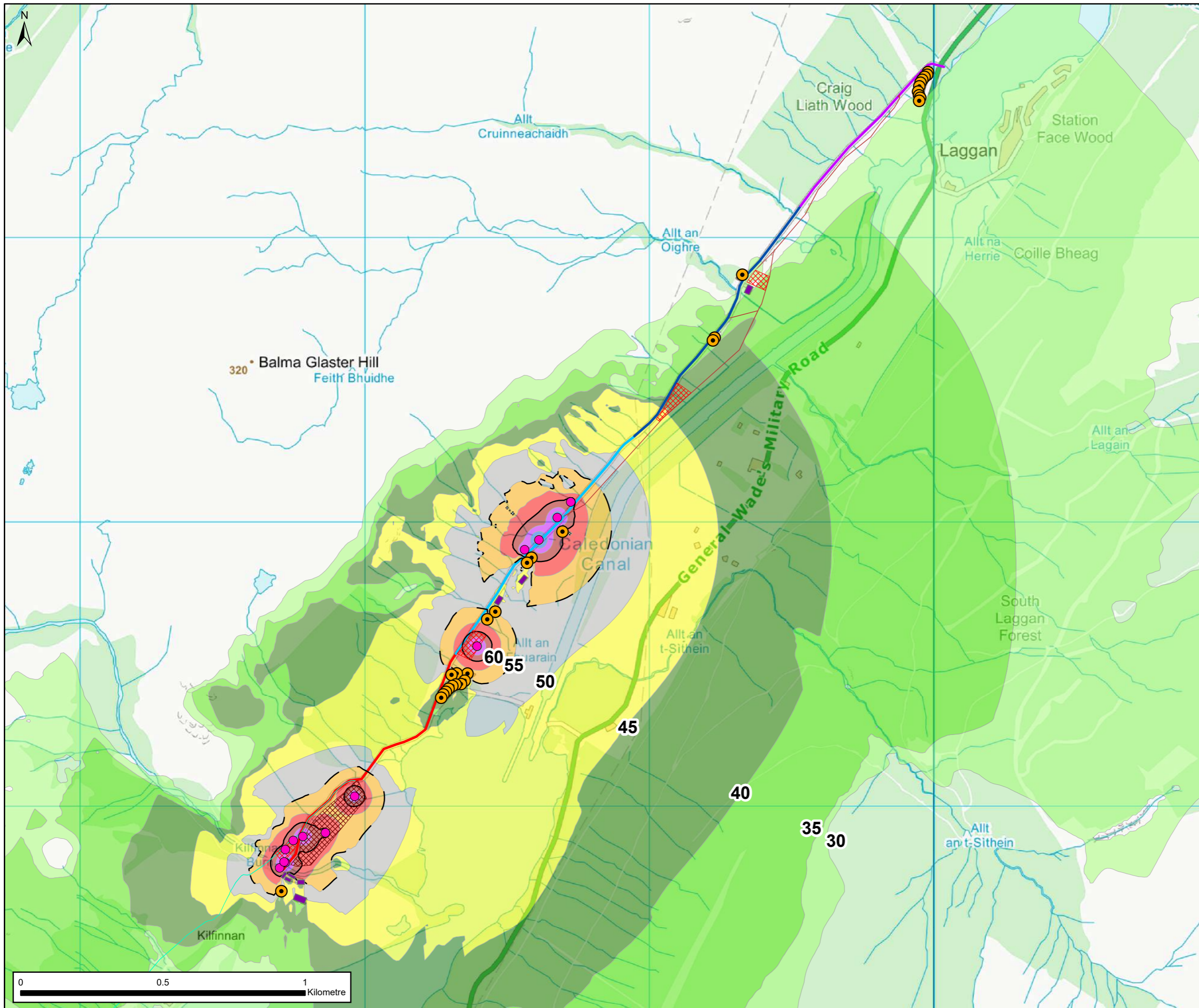
Rev	Date	Amendment Details	Dr'n	Ch'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client	FOR PLANNING				
Project Title	Coire Glas / Kilfinnan Road Improvements				
Drawing Title	Figure 5.6: Construction Noise Assessment - Month 5				
Scale	1:12,500	Designed	Drawn	Checked	Approved
Original Size	A3	Date	Date	Date	Date
Design	JCM	24/10/2023	JCM	JS	JS
Drawn	JCM	24/10/2023	JS	JS	JS
Checked	JS	24/10/2023	JS	JS	JS
Approved	JS	24/10/2023	JS	JS	JS
Drawing Number	15542-007				Revision
					1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB BS5228 Weekday Daytime Threshold
- - 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

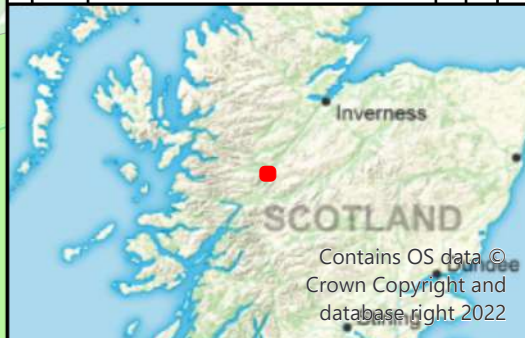
**Noise model detailing Month 06: Construction of the new Kilfinnan Bridge commences. Earthworks continue progressing up Kilfinnan road from CH1000 to CH2000. Spoil management is taking place.**

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev.	Date	Amendment Details	Dr'n	Ch'kd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client: SSE Renewables

Drawing Status: FOR PLANNING

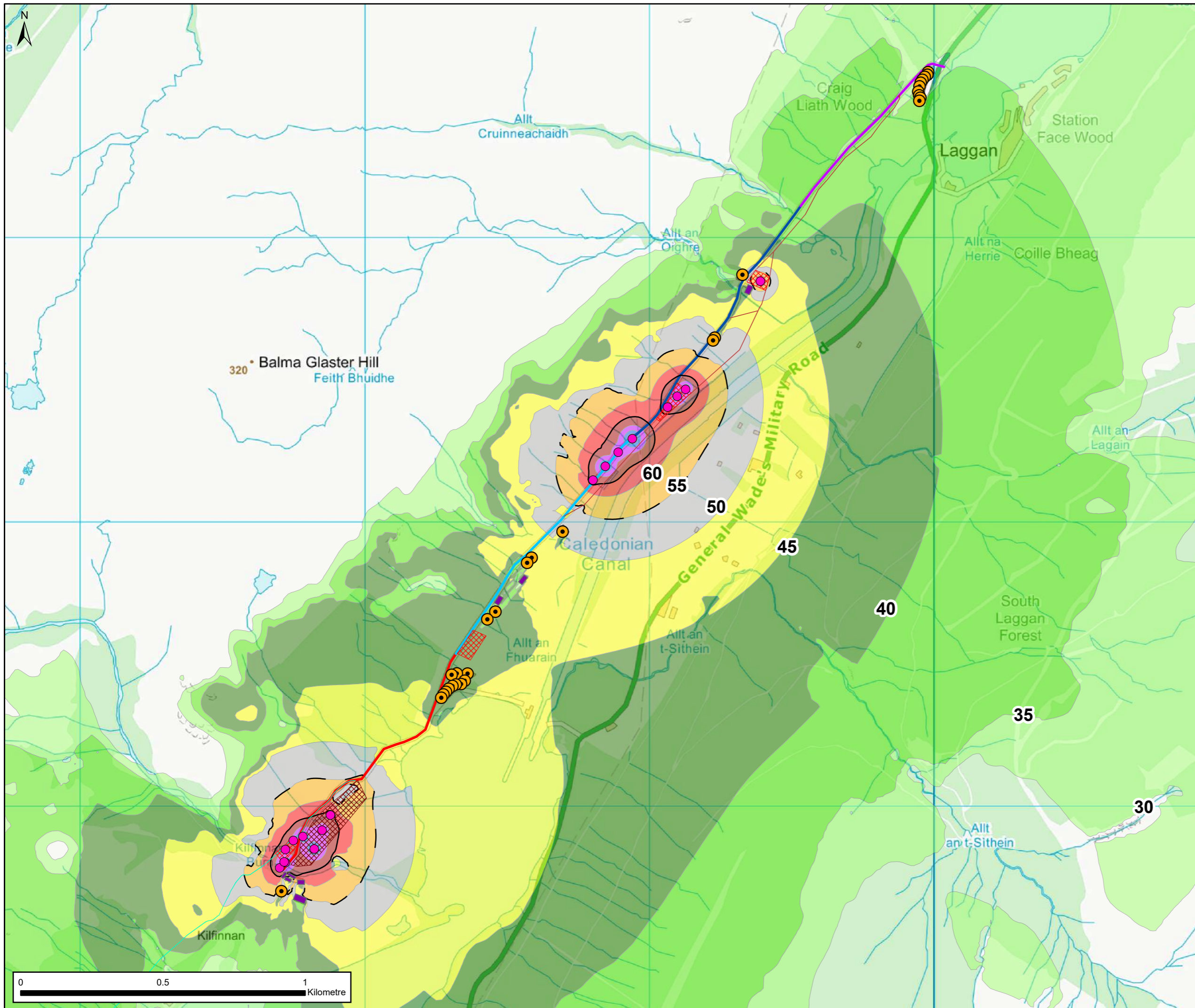
Project Title: Coire Glas / Kilfinnan Road Improvements

Drawing Title: Figure 5.7: Construction Noise Assessment - Month 6

Scale	Designed	Drawn	Checked	Approved
1:12,500	JCM	JCM	JS	JS
Original Size	Date	Date	Date	Date
A3	24/10/2023	24/10/2023	24/10/2023	24/10/2023

Drawing Number: 15542-007      Revision: 1





**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contour**
- 65 dB BS5228 Weekday Daytime Threshold
- - 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

**Noise model detailing Month 07: Construction of the new Kilfinnan Bridge commences. Earthworks continue progressing up Kilfinnan road from CH1000 to CH2000. Spoil management is taking place.**

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev.	Date	Amendment Details	Dr'n	Ch'kd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client: **sse Renewables**

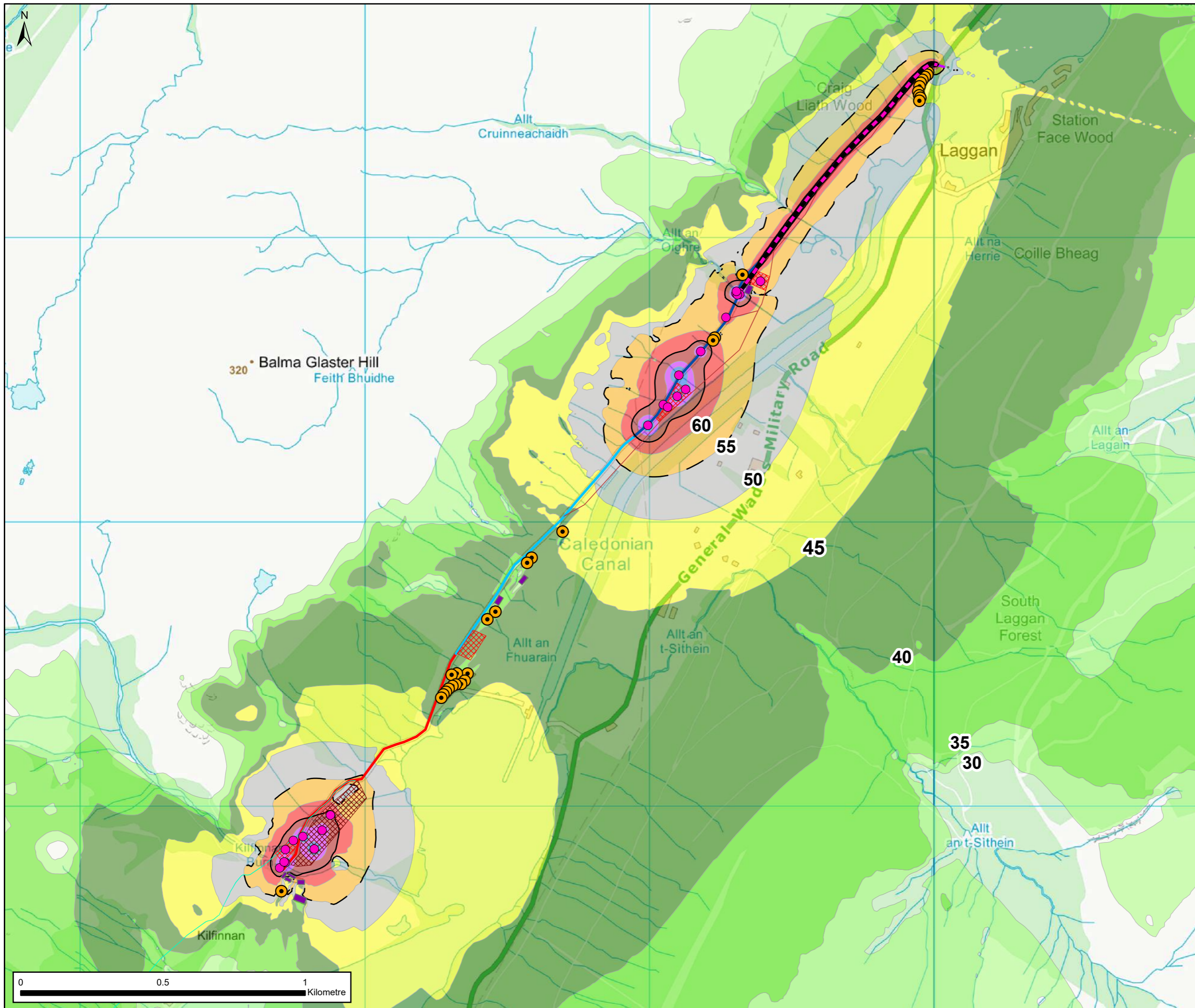
Drawing Status: **FOR PLANNING**

Project Title: **Coire Glas / Kilfinnan Road Improvements**

Drawing Title: **Figure 5.8: Construction Noise Assessment - Month 7**

Scale	1:12,500	Designed	JCM	Drawn	JCM	Checked	JS	Approved	JS
Original Size	A3	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023

Drawing Number: **15542-009** Revision: **1**



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kifinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB B55228 Weekday Daytime Threshold
- 55 dB B55228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

Noise model detailing Month 08: Kifinnan Bridge construction continues. Earthworks continue between CH2000 and CH3000. Culvert installation at Allt an Oighre begins. Spoil management continues.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Ch'kd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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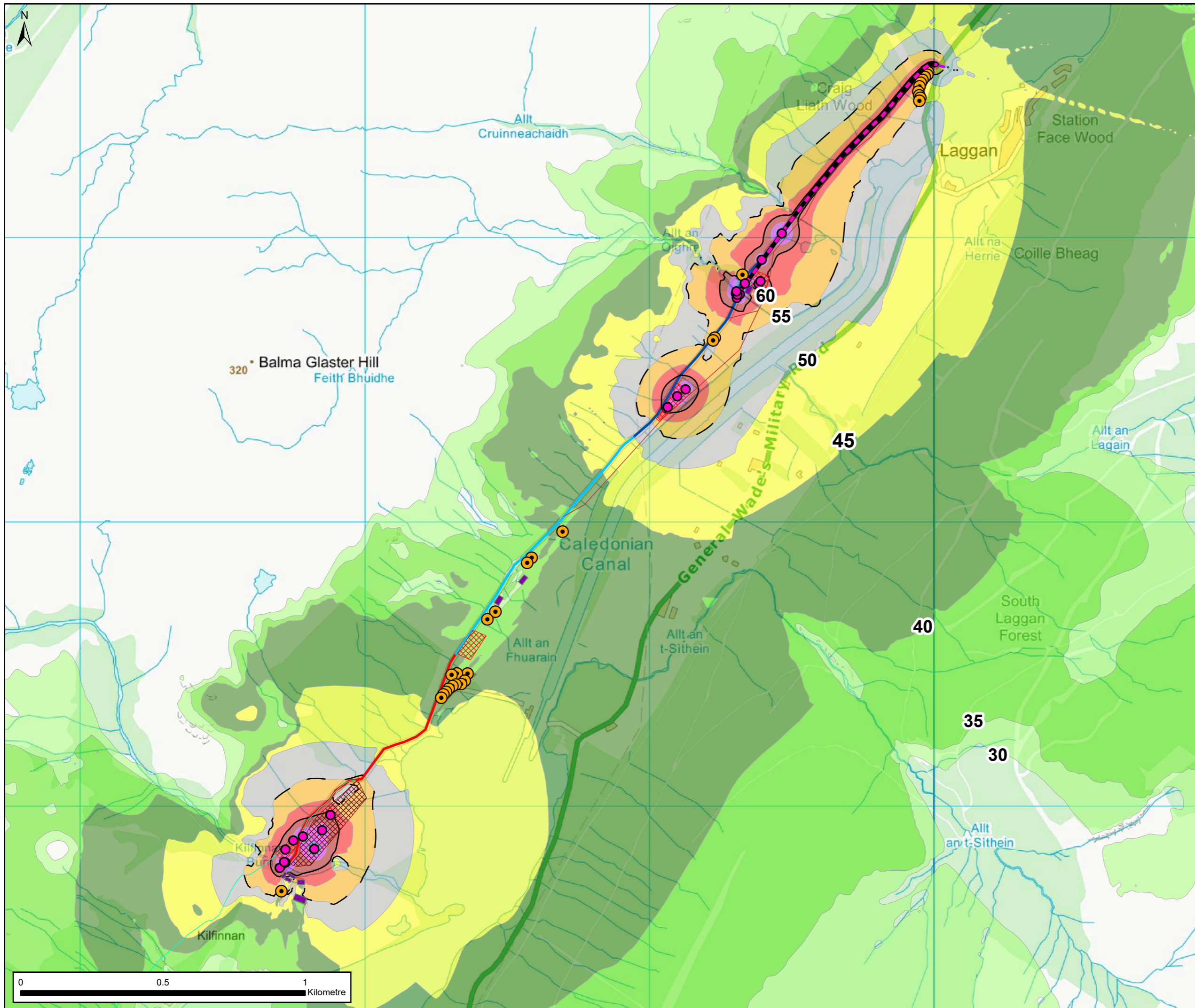
Client: FOR PLANNING

Project Title: Coire Glas / Kifinnan Road Improvements

Drawing Title: Figure 5.9: Construction Noise Assessment - Month 8

Scale	1:12,500	Designed	JCM	Drawn	JCM	Checked	JS	Approved	JS
Original Size	A3	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023

Drawing Number	15542-010	Revision	1
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**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB BS5228 Weekday Daytime Threshold
- 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

Noise model detailing Month 09: Kilfinnan Bridge construction continues. Earthworks continue between CH2000 and CH3000. Culvert installation at Allt an Oighre begins. Spoil management continues.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Chk'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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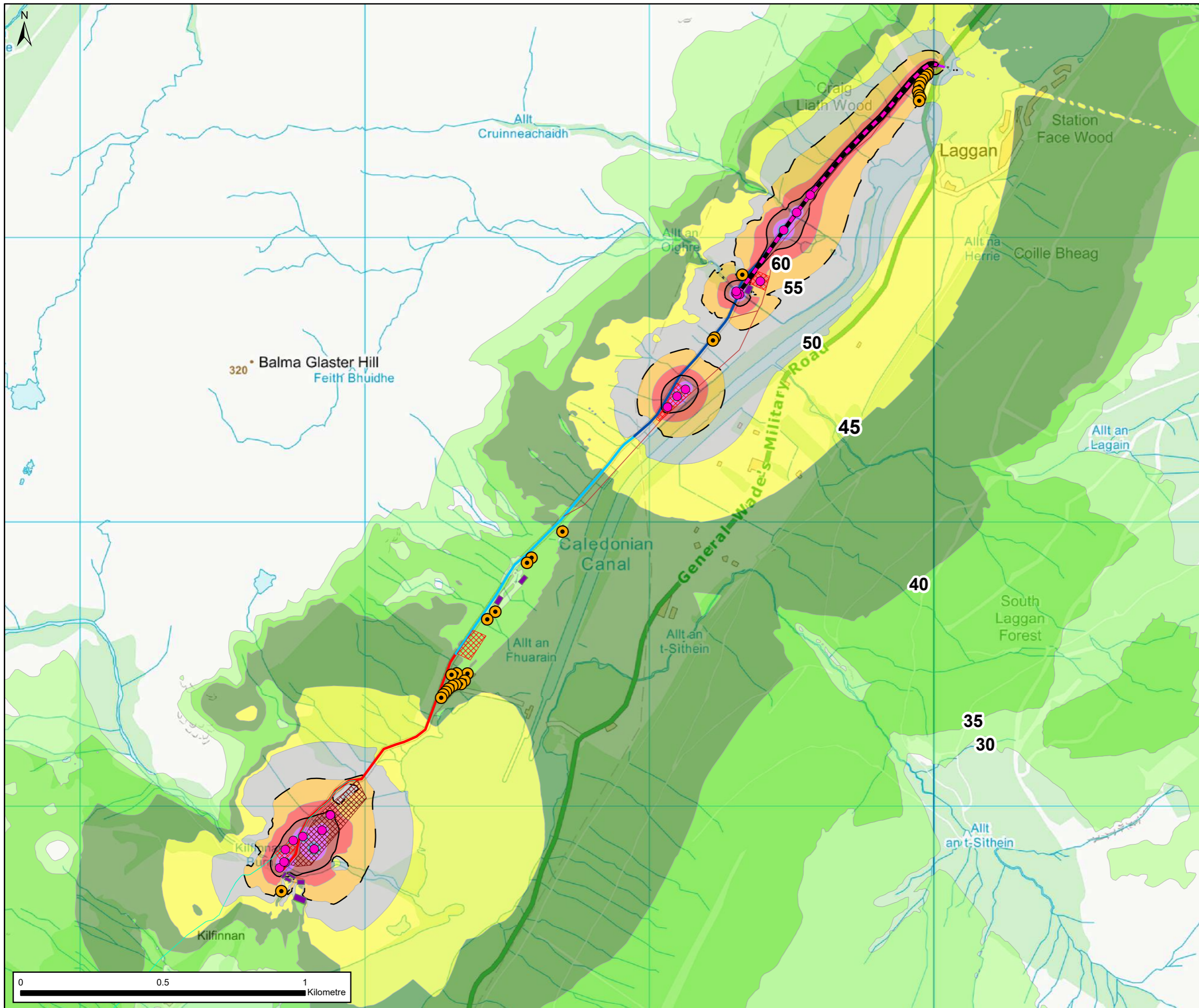
Client  
 Drawing Status: FOR PLANNING

Project Title  
 Coire Glas / Kilfinnan Road Improvements

Drawing Title  
 Figure 5.10: Construction Noise Assessment - Month 9

Scale	Designed	Drawn	Checked	Approved
1:12,500	JCM	JCM	JS	JS
Original Size	Date	Date	Date	Date
A3	24/10/2023	24/10/2023	24/10/2023	24/10/2023

Drawing Number: 15542-011  
 Revision: 1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB BS5228 Weekday Daytime Threshold
- 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

Noise model detailing Month 10: Kilfinnan Bridge construction continues. Earthworks continue between CH2000 and CH3000. Culvert installation at Allt an Oighre begins. Spoil management continues.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Chk'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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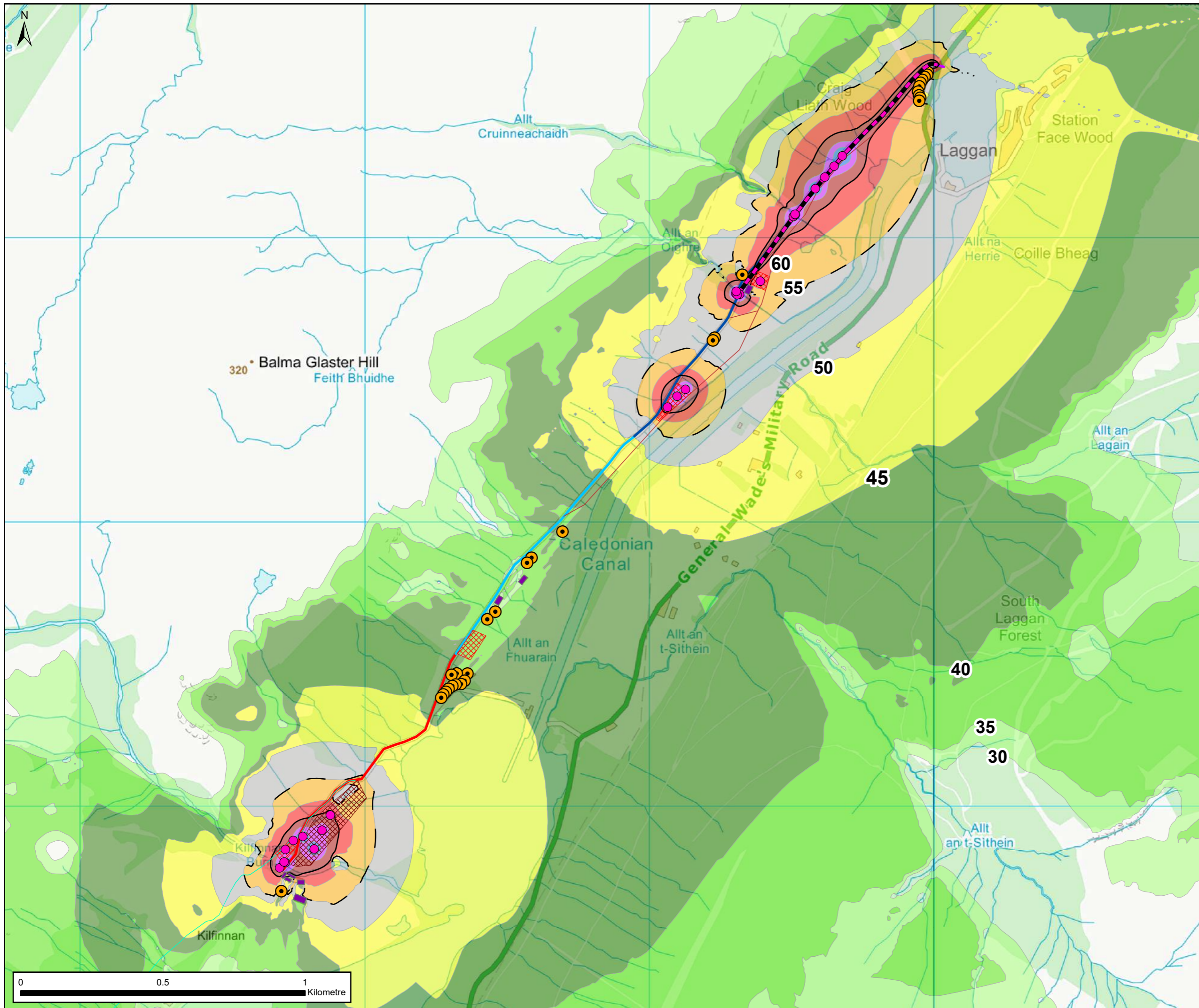
Client: FOR PLANNING

Project Title: Coire Glas / Kilfinnan Road Improvements

Drawing Title: Figure 5.11: Construction Noise Assessment - Month 10

Scale	1:12,500	Designed	JCM	Drawn	JCM	Checked	JS	Approved	JS
Original Size	A3	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023

Drawing Number: 15542-012      Revision: 1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours
- 65 dB BS5228 Weekday Daytime Threshold
- - 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

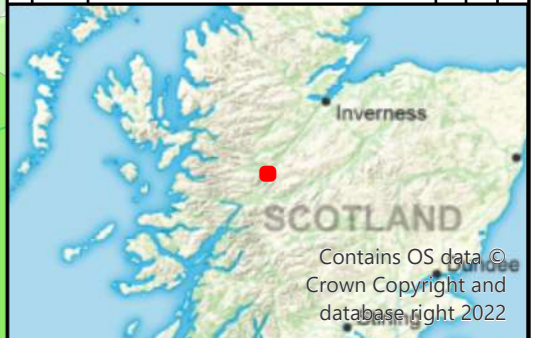
Noise model detailing Month 11: Kilfinnan Bridge construction continues. Earthworks continue between CH3000 and CH3200. Culvert installation occurring at Allt an Oighre is completed. Culvert installation at Allt Cruinneachaidh begins. Spoil management continues.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Ch'kd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client: sse Renewables

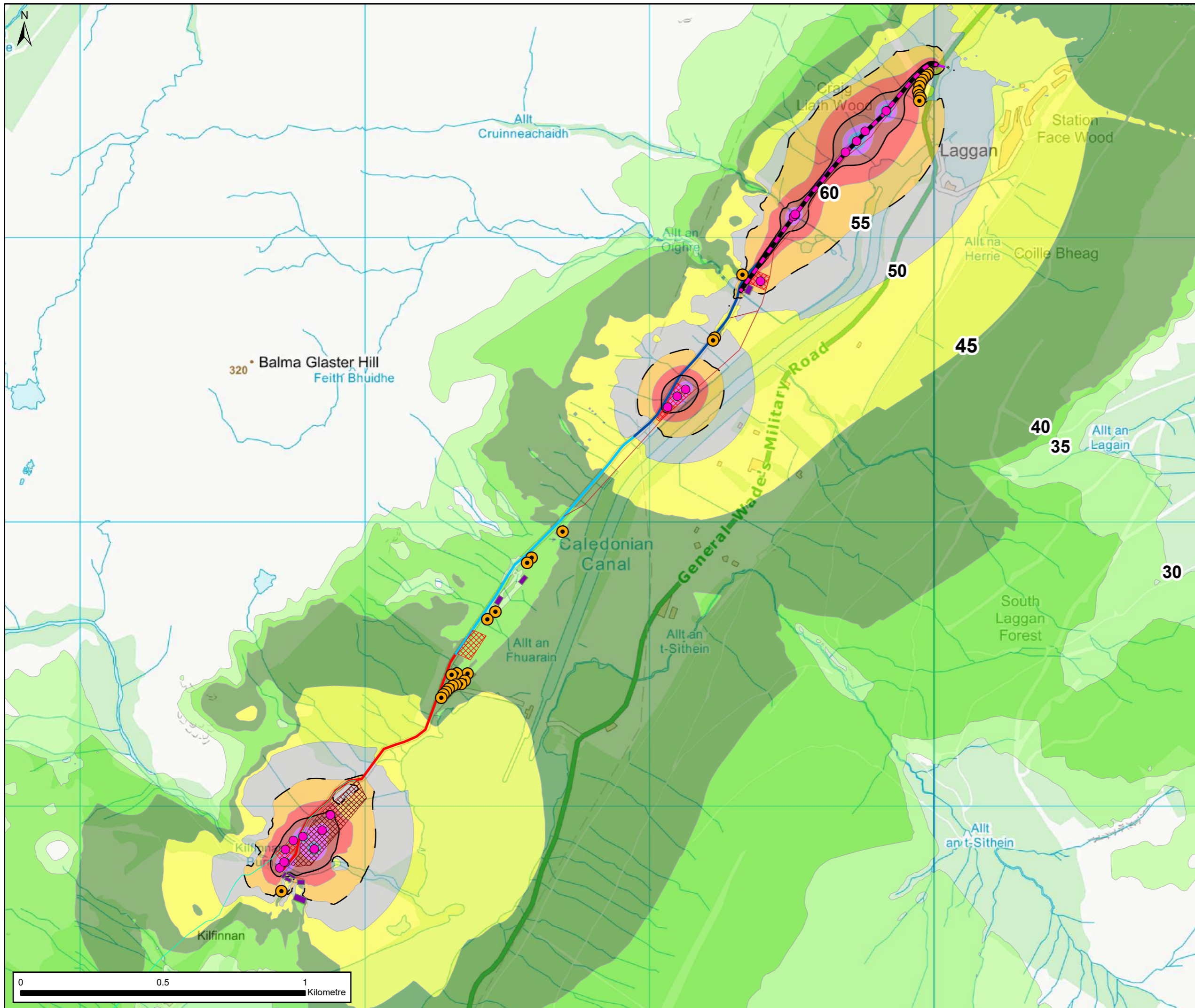
Drawing Status: FOR PLANNING

Project Title: Coire Glas / Kilfinnan Road Improvements

Drawing Title: Figure 5.12: Construction Noise Assessment - Month 11

Scale	1:12,500	Designed	JCM	Drawn	JCM	Checked	JS	Approved	JS
Original Size	A3	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023

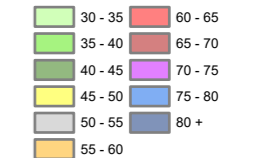
Drawing Number: 15542-013      Revision: 1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB BS5228 Weekday Daytime Threshold
- 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**



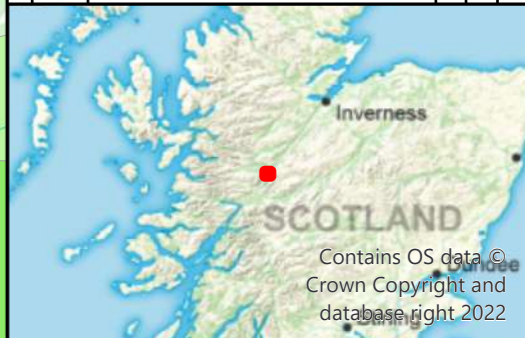
Noise model detailing Month 12: Kilfinnan Bridge construction continues. Earthworks continue between CH3200 and CH3800. Culvert installation is occurring at Allt Cruinneachaidh. Kilfinnan road surfacing begins. Spoil management continues.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

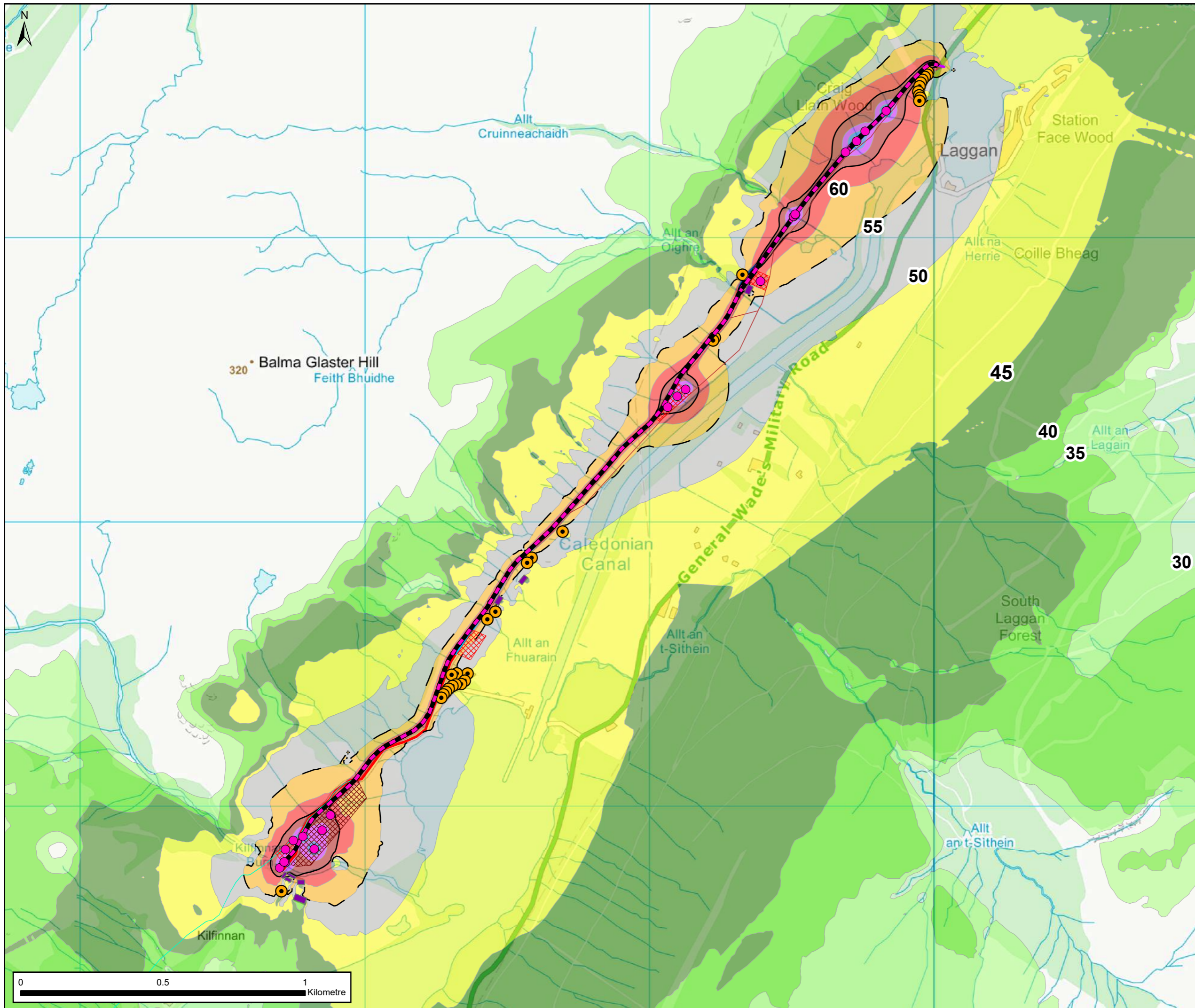
Rev	Date	Amendment Details	Dr'n	Chk'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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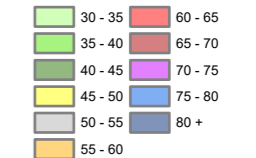
Client	FOR PLANNING				
Project Title	Coire Glas / Kilfinnan Road Improvements				
Drawing Title	Figure 5.13: Construction Noise Assessment - Month 12				
Scale	1:12,500	Designed	Drawn	Checked	Approved
Original Size	A3	Date	Date	Date	Date
Design	24/10/2023	Drawn	24/10/2023	Checked	24/10/2023
Approved		Approved		Approved	24/10/2023
Drawing Number	15542-014				Revision
					1



**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections**
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours**
- 65 dB BS5228 Weekday Daytime Threshold
- 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**



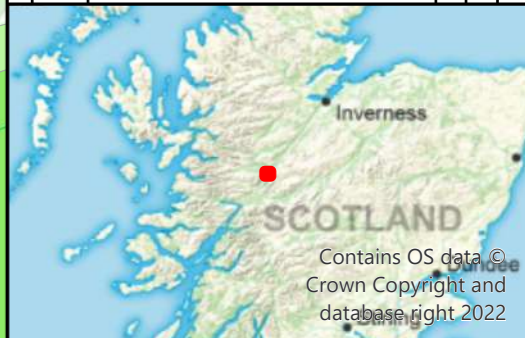
Noise model detailing Month 13: Kilfinnan Bridge construction continues. Earthworks continues. Earthworks continue between CH3200 and CH3800. Culvert installation is occurring at Allt Cruinneachaidh. Kilfinnan road surfacing begins. Spoil management continues.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Chk'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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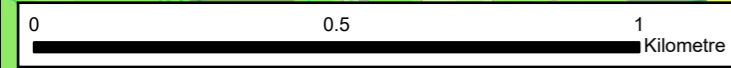
Client: FOR PLANNING

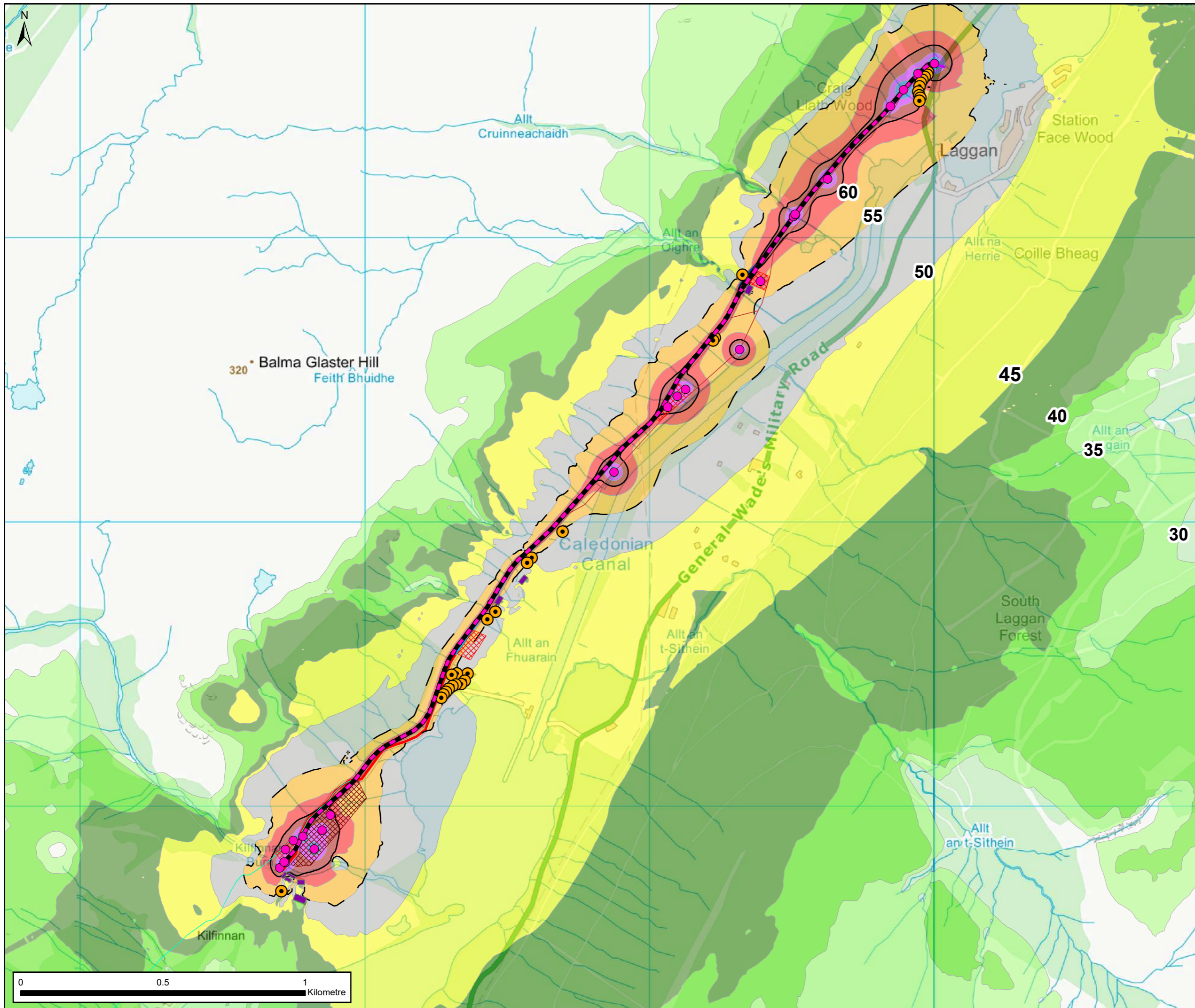
Project Title: Coire Glas / Kilfinnan Road Improvements

Drawing Title: Figure 5.14: Construction Noise Assessment - Month 13

Scale	Designed	Drawn	Checked	Approved
1:12,500	JCM	JCM	JS	JS
Original Size	Date	Date	Date	Date
A3	24/10/2023	24/10/2023	24/10/2023	24/10/2023

Drawing Number: 15542-015  
Revision: 1





**NOTES**

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours
- 65 dB BS5228 Weekday Daytime Threshold
- 55 dB BS5228 Evening / Weekend Threshold

**Predicted Noise Levels (dB)**

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

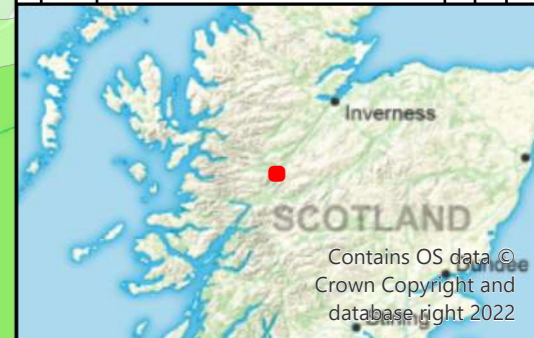
Noise model detailing Month 14: Kilfinnan Bridge construction is completed. Earthworks continue from CH3800 to A82 junction where it finishes. Culvert installation at Allt Cruinneachaidh is completed. Kilfinnan road surfacing is completed. Removal of temporary diversion road begins. Management of spoil is completed.

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Ch'kd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS

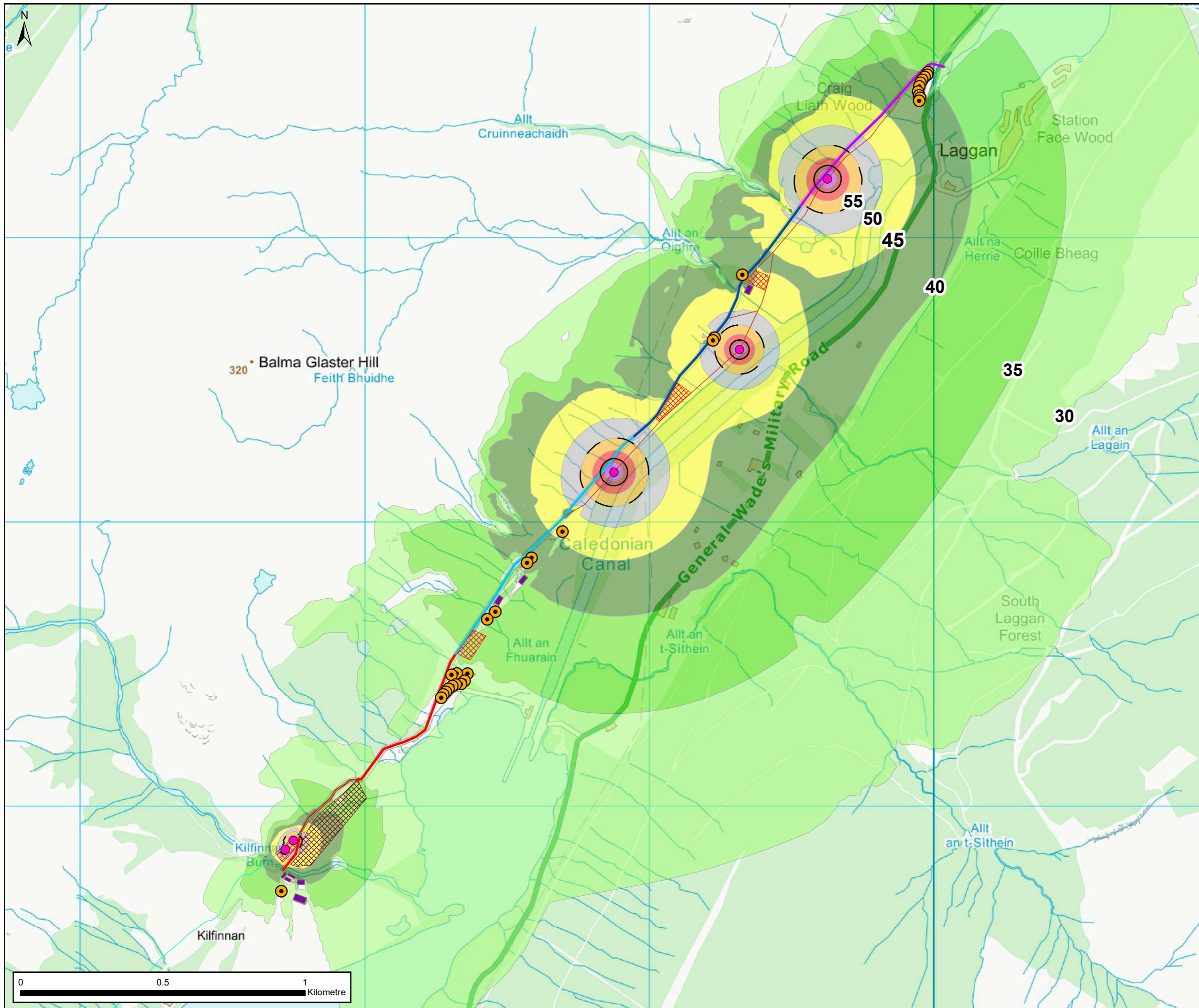


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Client	FOR PLANNING				
Project Title	Coire Glas / Kilfinnan Road Improvements				
Drawing Title	Figure 5.15: Construction Noise Assessment - Month 14				
Scale	1:12,500	Designed	Drawn	Checked	Approved
		JCM	JCM	JS	JS
Original Size	A3	Date	Date	Date	Date
		24/10/2023	24/10/2023	24/10/2023	24/10/2023
Drawing Number	15542-016				Revision
					1





### NOTES

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections
  - Kilfinnan Bridge to CH1000
  - CH1000 - CH2000
  - CH2000 - CH3000
  - CH3000 - A82
- Key Noise Contours
  - 65 dB BS5228 Weekday Daytime Threshold
  - 55 dB BS5228 Evening / Weekend Threshold

#### Predicted Noise Levels (dB)

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

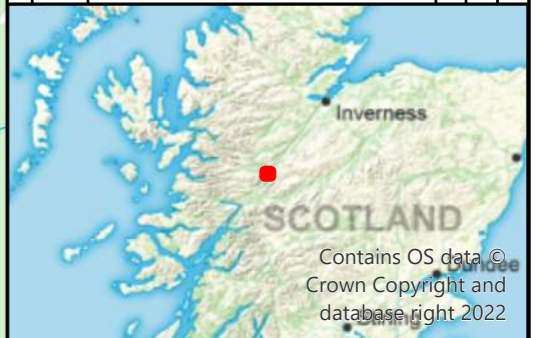
**Noise model detailing Month 15: Temporary diversion road removal is completed**

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Ch'k'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client: sse Renewables

Drawing Status: FOR PLANNING

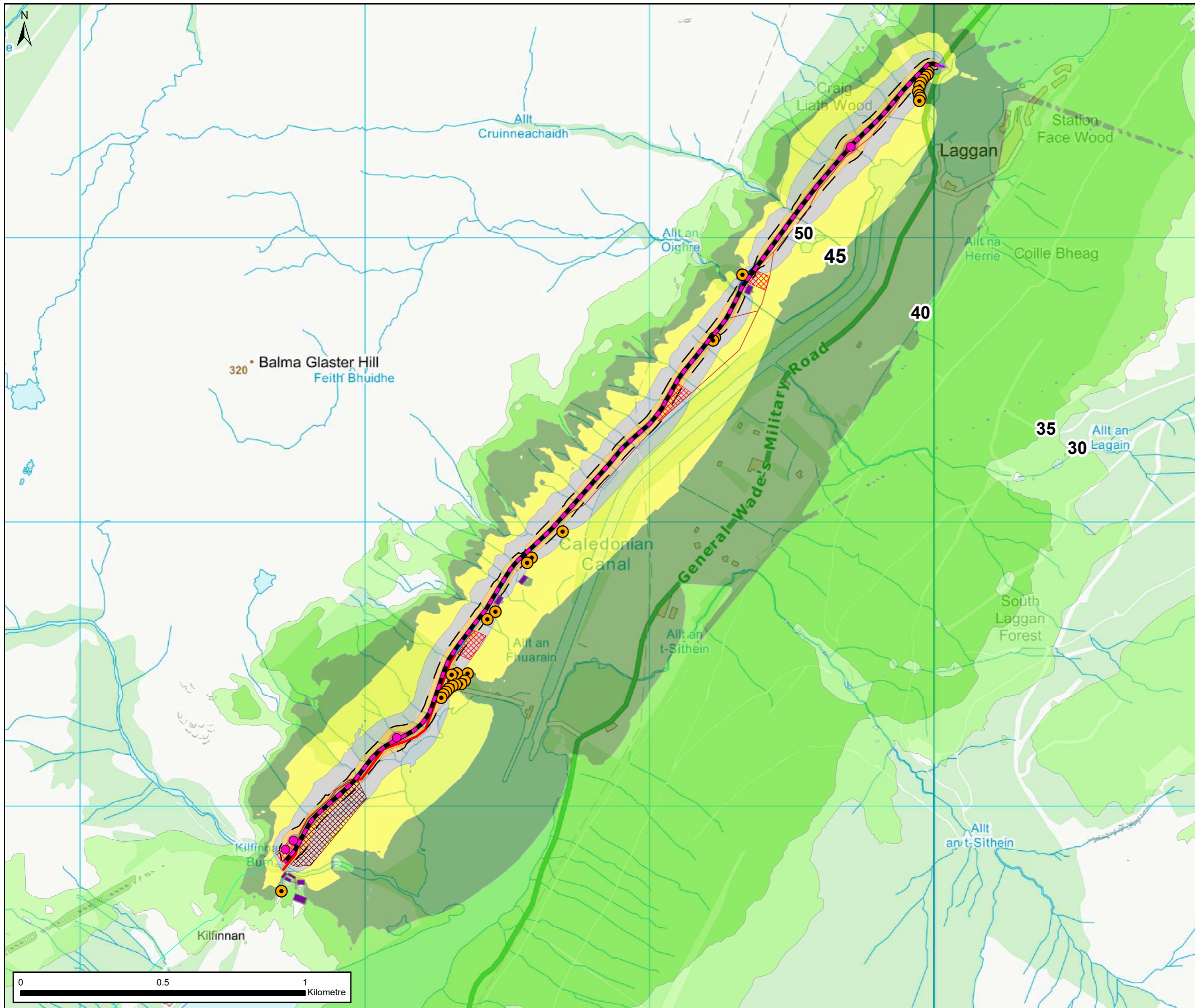
Project Title: Coire Glas / Kilfinnan Road Improvements

Drawing Title: Figure 5.16: Construction Noise Assessment - Month 15

Scale	1:12,500	Designed	JCM	Drawn	JCM	Checked	JS	Approved	JS
Original Size	A3	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023

Drawing Number: 15542-017

Revision: 1



### NOTES

- Noise Assessment Locations (NALs)
- Modelled Noise Sources
- Modelled Noise Sources
- Modelled Buildings
- Temporary Diversion Road
- Temporary Active Travel Route
- Temporary Compound / Material Storage Area
- Temporary Spoil Storage Compound
- Road Sections
- Kilfinnan Bridge to CH1000
- CH1000 - CH2000
- CH2000 - CH3000
- CH3000 - A82
- Key Noise Contours
- 65 dB B55228 Weekday Daytime Threshold
- 55 dB B55228 Evening / Weekend Threshold

#### Predicted Noise Levels (dB)

30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	80 +
55 - 60	

**Noise model detailing Month 16, 17 and 18:  
Road finishing works are taking place**

This contour plot details a single snapshot in time assuming all activity is being undertaken within a localised area. The figure details a worst case scenario for those receptors located closest to the modelled noise sources. In reality, noise sources will move steadily along the activity area and noise contours will change continually over time.

Noise propagation calculated in accordance with BS 5228:2009+A1:2014 at a height of 1.5 m.

Noise contours plotted on a 10 m by 10 m grid. All noise levels refer to LAeq(t). All noise sources assumed to be operating simultaneously in fixed locations.

Rev	Date	Amendment Details	Dr'n	Ch'd	App'd
1	24/10/23	Updated Construction Activities	JCM	JS	JS
0	15/09/23	First Issue	JCM	JS	JS



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Client:

Drawing Status: FOR PLANNING

Project Title: Coire Glas / Kilfinnan Road Improvements

Drawing Title: Figure 5.17: Construction Noise Assessment -Months 16, 17, and 18

Scale	1:12,500	Designed	JCM	Drawn	JCM	Checked	JS	Approved	JS
Original Size	A3	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023	Date	24/10/2023

Drawing Number: 15542-018

Revision: 1