

**A66 Northern Trans-Pennine Project  
TR010062**

**3.4 Environmental Statement  
Appendix 12.3 Construction  
Assessment Results**

**APFP Regulations 5(2)(a)**

**Planning Act 2008**

**Infrastructure Planning (Applications: Prescribed Forms and  
Procedure) Regulations 2009**

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(Applications: Prescribed  
Forms and Procedure)  
Regulations 2009**

A66 Northern Trans-Pennine Project  
Development Consent Order 202x

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**3.4 ENVIRONMENTAL STATEMENT  
APPENDIX 12.3 CONSTRUCTION ASSESSMENT  
RESULTS**

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## 12.3 Construction Noise Results

### 12.3.1 Construction Works

12.3.1.1 Predicted construction noise levels are provided in this appendix for each construction phase where the noise levels are predicted to be above the SOAEL during daytime. Any receptors not shown in the following tables are predicted to experience noise levels below the SOAEL. The predicted noise levels shown are worst-case based on all plant working and represent the highest noise level from construction activities during each phase. It should be noted that noise levels shown represent the predicted construction noise levels without the use of BPM.

Table 1: Predicted construction noise levels - phase 1 - Demolition

Address	Phase 1 - Demolition			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Low Broats, The Street, Bowes DL12 9JP	55.3	65	67.9	Moderate
Brougham Institute, Brougham CA10 2AE	68.0	75	78.8	Moderate
Lords House, Brougham CA10 2AB	63.2	70	71.5	Moderate
High Barn, Brougham CA10 2AE	57.8	65	77.5	Major
Dunelm, Broom On The C3004 To The A66t, Long Marton CA16 6AQ	50.7	65	81.4	Major
Winthorn, Cross End, Kirkby Thore CA10 1XP	51.7	65	91.1	Major
School House, Brougham CA10 2AE	65.8	70	74.6	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	84.7	Major
2 Lane Ends, Brougham CA10 2AE	54.1	65	68.1	Moderate
1 Lane Ends, Brougham CA10 2AE	57.6	65	71.4	Major
Foxgloves, Brougham CA10 2AB	58.7	65	83.9	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	76.7	Major
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	99.2	Major

Table 2: Predicted construction noise levels - phase 2a - Road Construction

Address	Phase 2a - Boundary Fence			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65	65.0	Moderate
Low Broats, The Street, Bowes DL12 9JP	55.3	65	68.5	Moderate
Tutta Beck Cottage, Tutta Beck, Rokeby DL12 9RY	47.1	65	73.7	Major
Croft Cottage, Brough CA17 4DS	59.7	65	68.5	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	66.4	Moderate
Ivy Cottage, Cross Lanes, Barnard Castle DL12 9RT	54.3	65	65.4	Moderate
Keepers House, Tutta Beck Farm, Tutta Beck, Rokeby DL12 9RY	46.9	65	69.2	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	68.0	Moderate
Wheatsheaf Farm, Warcop CA16 6NP	58.6	65	66.3	Moderate
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	67.8	Moderate
Foxgloves, Brougham CA10 2AB	58.7	65	66.3	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	65.3	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	75.5	Major

Table 3: Predicted construction noise levels - phase 2b - Road Construction

Address	Phase 2b - Topsoil Strip			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Birbeck Medical Practice, Penrith Health Centre, Bridge Lane, Penrith CA11 8HW	60.6	65.0	70.8	Major
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65.0	74.0	Major
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65.0	74.8	Major
Honeysuckle Cottage, Skirsgill Business Park, Penrith CA11 0FA	59.0	65.0	68.4	Moderate
Castle View, Gillan Way, Penrith CA11 9BP	52.9	65.0	68.3	Moderate
4 The Green, Penrith CA10 2BA	57.9	65.0	65.5	Moderate
Burger King, Scotch Corner Pavilion, Middleton Tyas Lane, Middleton Tyas DL10 6PQ	62.3	65.0	69.1	Moderate
Dyke Nook, Sandford CA16 6NS	53.4	65.0	68.1	Moderate
The Old School, The Street, Rokeby DL12 9RY	69.5	75.0	75.8	Moderate
Apple Tree Barn, West View Farm, Brough CA17 4DS	65.1	70.0	71.5	Moderate
Low Broats, The Street, Bowes DL12 9JP	55.3	65.0	78.5	Major
Mason Court, Gillan Way, Penrith CA11 9GR	61.6	65.0	65.9	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70.0	76.9	Major
Unit 19, Skirsgill Business Park, Penrith CA11 0FD	57.4	65.0	66.4	Moderate
North Lakes Hotel And Spa, Ullswater Road, Penrith CA11 8QT	60.7	65.0	71.1	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.3	70.0	73.0	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.5	70.0	74.0	Moderate
St Marys Church, The Street, Rokeby DL12 9RY	59.7	65.0	66.6	Moderate
Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	58.3	65.0	73.9	Major
11 The Green, Penrith CA10 2BA	53.6	65.0	65.0	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	61.5	65.0	68.2	Moderate
Fieldrose House, Bridge Lane, Penrith CA11 8JB	60.2	65.0	70.9	Major
Cross Lanes Organic Farm Shop Cross Lanes Farm, Cross Lanes, Barnard Castle DL12 9RT	65.5	70.0	78.0	Major
Lords House, Brougham CA10 2AB	63.2	70.0	77.1	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70.0	75.1	Major
Ghyll Mount, Gillan Way, Penrith CA11 9BP	64.9	70.0	70.5	Moderate
Unit 24-25, Skirsgill Business Park, Penrith CA11 0FD	65.3	70.0	72.2	Moderate
Unit 1, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	57.6	65.0	66.6	Moderate
Office, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	56.8	65.0	67.1	Moderate
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65.0	68.7	Moderate
Powis House, Long Marton CA16 6AQ	47.4	65.0	65.4	Moderate
Old Rectory, Cross End, Kirkby Thore CA10 1UR	51.9	65.0	69.0	Moderate
Croft House, Crackenthorpe CA16 6AF	44.5	65.0	67.2	Moderate
14 Clifford Road, Penrith CA11 8QE	57.1	65.0	65.8	Moderate
27 Pategill Park, Penrith CA11 8JX	58.7	65.0	66.6	Moderate
1 Hall Park, Warcop CA16 6PQ	50.0	65.0	68.0	Moderate
22 Clifford Road, Penrith CA11 8QE	57.5	65.0	66.3	Moderate

Address	Phase 2b - Topsoil Strip			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Wheatsheaf Cottage, Warcop CA16 6NP	51.9	65.0	73.8	Major
Whinfell Park, Brougham CA10 2AD	52.0	65.0	69.1	Moderate
18 Clifford Road, Penrith CA11 8QE	57.4	65.0	66.0	Moderate
Dyke Nook Cottage, Sandford CA16 6NS	58.3	65.0	69.2	Moderate
Lyndale House, Bowes DL12 9HL	53.0	65.0	68.2	Moderate
2 Dunfell View, Kirkby Thore CA10 1UT	55.6	65.0	72.2	Major
High Barn, Brougham CA10 2AE	57.8	65.0	72.1	Major
Hall Park House, Warcop CA16 6PQ	48.6	65.0	66.8	Moderate
31 Pategill Park, Penrith CA11 8JX	58.1	65.0	66.6	Moderate
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65.0	67.9	Moderate
37 Pategill Park, Penrith CA11 8JX	57.5	65.0	66.5	Moderate
Greythorne, Kirkby Thore CA10 1XQ	61.4	65.0	70.3	Major
20 Skirsgill Close, Penrith CA11 8QF	58.8	65.0	67.0	Moderate
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65.0	68.0	Moderate
Kirkdale, Dyke Nook, Sandford CA16 6NS	54.4	65.0	68.9	Moderate
37 Dunfell View, Kirkby Thore CA10 1UT	55.5	65.0	68.1	Moderate
3 Dunfell View, Kirkby Thore CA10 1UT	56.0	65.0	70.0	Major
3 Low Moor Row, Kirkby Thore CA10 1XG	58.0	65.0	67.7	Moderate
4 Low Moor Row, Kirkby Thore CA10 1XG	56.8	65.0	67.3	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65.0	67.8	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65.0	68.0	Moderate
2 Carleton Hall Road, Penrith CA10 2AX	57.5	65.0	66.2	Moderate
Platts, Sandford CA16 6NR	48.9	65.0	65.1	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65.0	67.3	Moderate
Monks Rest Farm, Moor Lane, East Layton DL11 7PL	49.4	65.0	73.5	Major
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65.0	68.6	Moderate
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65.0	66.5	Moderate
5 Carleton Hall Road, Penrith CA10 2AX	61.8	65.0	67.4	Moderate
The Grove, Road Leading To The Grove, Rokeby DL12 9SA	60.6	65.0	66.9	Moderate
West Byre, Bowes DL12 9HU	50.4	65.0	65.1	Moderate
33 Dunfell View, Kirkby Thore CA10 1UT	49.7	65.0	66.0	Moderate
Hall Farm House, Crackenthorpe CA16 6AF	47.9	65.0	66.2	Moderate
2 Clifford Road, Penrith CA11 8QE	56.4	65.0	65.7	Moderate
Tutta Beck Cottage, Tutta Beck, Rokeby DL12 9RY	47.1	65.0	83.7	Major
Caravan, Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	67.1	70.0	71.8	Moderate
17 Skirsgill Close, Penrith CA11 8QF	61.8	65.0	65.6	Moderate
Spittals Farm, Kirkby Thore CA10 1XQ	59.0	65.0	68.2	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65.0	72.9	Major

Address	Phase 2b - Topsoil Strip			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Broomrigg House, Warcop CA16 6PT	53.0	65.0	69.6	Moderate
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65.0	65.6	Moderate
Foxtower View, Brough CA17 4DS	61.7	65.0	71.8	Major
25 Clifford Road, Penrith CA11 8QE	57.4	65.0	66.0	Moderate
23 Pategill Park, Penrith CA11 8JX	60.0	65.0	67.1	Moderate
30 Clifford Road, Penrith CA11 8QE	57.3	65.0	65.7	Moderate
Walk Mill Barn, Warcop CA16 6NP	55.9	65.0	67.6	Moderate
Croft Cottage, Brough CA17 4DS	59.7	65.0	78.4	Major
Bowes Cross Farm, The Street, Boldron DL12 9SR	56.0	65.0	69.9	Moderate
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65.0	65.3	Moderate
19 Clifford Road, Penrith CA11 8QE	57.5	65.0	66.5	Moderate
2 Hall Park, Warcop CA16 6PQ	48.6	65.0	67.0	Moderate
Toll Bar Cottage, Eamont Bridge CA10 2BB	65.8	70.0	76.6	Major
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65.0	68.7	Moderate
Colby Laithes, Colby CA16 6BA	53.9	65.0	65.2	Moderate
Stone Bridge Farm, Bowes DL12 9JS	55.8	65.0	73.1	Major
Grey Horse Stables, Brough CA17 4DS	56.0	65.0	71.8	Major
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	55.7	65.0	70.5	Major
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65.0	76.1	Major
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65.0	68.0	Moderate
26 Skirsgill Gardens, Penrith CA11 7EP	59.5	65.0	65.8	Moderate
1 Whinfall Park Cottages, Brougham CA10 2AD	53.2	65.0	71.7	Major
6 Pategill Walk, Penrith CA11 8JY	53.4	65.0	65.0	Moderate
1 Skirsgill Close, Penrith CA11 8QF	56.2	65.0	67.1	Moderate
2 Skirsgill Close, Penrith CA11 8QF	61.9	65.0	70.2	Major
9 Clifford Road, Penrith CA11 8QE	56.6	65.0	65.3	Moderate
43a, Pategill Park, Penrith CA11 8JX	56.2	65.0	66.4	Moderate
School House, The Street, Rokeby DL12 9RY	58.8	65.0	66.0	Moderate
Fell View, Kirkby Thore CA10 1XQ	65.8	70.0	71.6	Moderate
4 Skirsgill Close, Penrith CA11 8QF	63.8	70.0	70.2	Moderate
Cleveland View, Road Leading To Kilmond View, Bowes DL12 9HH	52.8	65.0	68.2	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65.0	68.2	Moderate
5 Clifford Road, Penrith CA11 8QE	56.5	65.0	66.0	Moderate
35 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65.0	66.6	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65.0	69.6	Moderate
Dodds Barn, Temple Sowerby CA10 2AW	55.5	65.0	71.1	Major
Staff Accommodation, Penrith Hospital, Bridge Lane, Penrith CA11 8HX	55.1	65.0	70.3	Major
21 Skirsgill Close, Penrith CA11 8QF	60.6	65.0	68.4	Moderate

Address	Phase 2b - Topsoil Strip			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
35 Pategill Park, Penrith CA11 8JX	57.7	65.0	66.4	Moderate
33 Pategill Park, Penrith CA11 8JX	57.9	65.0	66.5	Moderate
2 Whinfell House, Brougham CA10 2AF	57.9	65.0	65.8	Moderate
Winthorn, Cross End, Kirkby Thore CA10 1XP	51.7	65.0	67.9	Moderate
Skirsgill Lodge, Redhills Lane, Redhills CA11 0DT	65.3	70.0	70.6	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65.0	71.4	Major
3 Carleton Hall Road, Penrith CA10 2AX	58.3	65.0	66.5	Moderate
Ivy Hall Cottage, Road Adjacent To West End Garage, Bowes DL12 9LL	50.6	65.0	67.3	Moderate
7 Dunfell View, Kirkby Thore CA10 1UT	47.8	65.0	66.2	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65.0	68.0	Moderate
85 Clifford Road, Penrith CA11 8PU	55.9	65.0	65.0	Moderate
11a, Dunfell View, Kirkby Thore CA10 1UT	46.2	65.0	65.3	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65.0	68.3	Moderate
39 Dunfell View, Kirkby Thore CA10 1UT	57.1	65.0	68.4	Moderate
21 Pategill Park, Penrith CA11 8JX	61.2	65.0	67.9	Moderate
3 Whinfell Park Cottages, Brougham CA10 2AD	56.0	65.0	72.8	Major
3 Lane Ends, Brougham CA10 2AE	55.0	65.0	65.4	Moderate
Joelgarth, Crackenthorpe CA16 6AF	48.7	65.0	72.5	Major
8 Dunfell View, Kirkby Thore CA10 1UT	50.2	65.0	67.9	Moderate
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65.0	67.6	Moderate
Dent House Farm, Road Leading To Dent House Farm, Brignall DL12 9SJ	51.6	65.0	67.8	Moderate
10 Dunfell View, Kirkby Thore CA10 1UT	50.3	65.0	70.8	Major
3 Hall Park, Warcop CA16 6PQ	48.3	65.0	66.2	Moderate
36 Clifford Road, Penrith CA11 8QE	57.5	65.0	66.0	Moderate
Green Rose Cottage, Crackenthorpe CA16 6AF	46.3	65.0	66.2	Moderate
Brocavum, Brougham CA10 2AA	51.6	65.0	65.3	Moderate
Winderwath Farm, Temple Sowerby CA10 2AW	55.5	65.0	69.3	Moderate
19 Pategill Park, Penrith CA11 8JX	61.7	65.0	68.0	Moderate
Walk Mill, Warcop CA16 6NP	55.8	65.0	67.6	Moderate
41 Clifford Road, Penrith CA11 8PP	58.0	65.0	65.3	Moderate
Ivy Cottage, Cross Lanes, Barnard Castle DL12 9RT	54.3	65.0	75.4	Major
15 Pategill Park, Penrith CA11 8JX	60.6	65.0	67.4	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65.0	68.1	Moderate
2 Low Moor Row, Kirkby Thore CA10 1XG	60.5	65.0	66.4	Moderate
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65.0	65.6	Moderate
12 Townhead Garth, Kirkby Thore CA10 1UN	39.9	65.0	65.3	Moderate
39 Clifford Road, Penrith CA11 8PP	58.5	65.0	65.1	Moderate
25 Pategill Park, Penrith CA11 8JX	59.4	65.0	66.9	Moderate



Address	Phase 2b - Topsoil Strip			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
29 Pategill Park, Penrith CA11 8JX	58.4	65.0	66.6	Moderate
1 Dunfell View, Kirkby Thore CA10 1UT	59.3	65.0	68.6	Moderate
12 Carleton Hall Gardens, Penrith CA10 2AL	58.9	65.0	65.4	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65.0	72.1	Major
1 Whinfell House, Brougham CA10 2AF	57.8	65.0	66.0	Moderate
4 Whinfell Park Cottages, Brougham CA10 2AD	56.2	65.0	72.5	Major
5 Dunfell View, Kirkby Thore CA10 1UT	52.0	65.0	66.9	Moderate
32 Clifford Road, Penrith CA11 8QE	57.3	65.0	65.7	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65.0	69.3	Moderate
18 Skirsgill Close, Penrith CA11 8QF	61.3	65.0	65.8	Moderate
Keepers House, Tutta Beck Farm, Tutta Beck, Rokeby DL12 9RY	46.9	65.0	79.2	Major
Smithy Cottage, Cross Lanes, Barnard Castle DL12 9RT	53.6	65.0	74.0	Major
Thunderstones, Warcop CA16 6PT	52.2	65.0	70.2	Major
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65.0	77.3	Major
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65.0	70.7	Major
34 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65.0	66.4	Moderate
Cumbria View, Mile Lane, Redhills CA11 0DR	57.1	65.0	67.8	Moderate
11 Pategill Park, Penrith CA11 8JX	56.1	65.0	65.6	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65.0	68.1	Moderate
19 Skirsgill Close, Penrith CA11 8QF	58.5	65.0	65.8	Moderate
Duncross, Priest Lane, Kirkby Thore CA10 1UU	58.9	65.0	66.2	Moderate
West View, Brough CA17 4DS	59.3	65.0	67.0	Moderate
West End Bungalow, Road Adjacent To West End Garage, Bowes DL12 9LW	55.7	65.0	69.6	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65.0	67.7	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65.0	67.9	Moderate
41 Pategill Park, Penrith CA11 8JX	57.0	65.0	66.7	Moderate
1 Lane Ends, Brougham CA10 2AE	57.6	65.0	66.1	Moderate
High Wood Holme, Warcop CA16 6PT	42.9	65.0	66.7	Moderate
Tack Room Cottage, Road Leading To The Grove, Rokeby DL12 9SA	61.1	65.0	68.3	Moderate
39 Pategill Park, Penrith CA11 8JX	57.1	65.0	66.7	Moderate
12 Clifford Road, Penrith CA11 8QE	55.8	65.0	65.1	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65.0	67.9	Moderate
5 Skirsgill Close, Penrith CA11 8QF	62.0	65.0	68.4	Moderate
Glebe House, Cross End, Kirkby Thore CA10 1UR	49.3	65.0	65.1	Moderate
Wheatsheaf Farm, Warcop CA16 6NP	58.6	65.0	76.1	Major
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65.0	76.8	Major
Low Broomrigg, Warcop CA16 6PT	51.0	65.0	67.4	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65.0	68.1	Moderate

Address	Phase 2b - Topsoil Strip			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
1 Carleton Hall Road, Penrith CA10 2AX	57.2	65.0	65.9	Moderate
Foxgloves, Brougham CA10 2AB	58.7	65.0	75.2	Major
3 Skirsgill Close, Penrith CA11 8QF	62.6	70.0	71.3	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65.0	75.1	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65.0	85.4	Major
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65.0	69.3	Moderate

Table 4: Predicted construction noise levels - phase 2d - Road Construction

Address	Phase 2d - Drainage - V ditch			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
The Music Centre, Skirsgill Lane, Penrith CA10 2BQ	54.1	65	69.6	Moderate
Hylton Holme, Warcop On The C3070 To The A66t, Warcop CA16 6PR	49.7	65	65.7	Moderate
Ivy Hall Cottage, Road Adjacent To West End Garage, Bowes DL12 9LL	50.6	65	66.2	Moderate
Ravensworth Lodge, Waitlands Lane, Ravensworth DL11 7HD	66.7	70	74.5	Moderate
Thunderstones, Warcop CA16 6PT	52.2	65	66.0	Moderate
Low Broomrigg, Warcop CA16 6PT	51.0	65	77.5	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	65.6	Moderate

Table 5: Predicted construction noise levels - phase 2d - Road Construction

Address	Phase 2d - Earthworks			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Unit 4a, Ullswater Road Business Park, Ullswater Road, Penrith CA11 7EH	54.1	65	65.6	Moderate
Birbeck Medical Practice, Penrith Health Centre, Bridge Lane, Penrith CA11 8HW	60.6	65	83.8	Major
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	77.9	Major
Elm Cottage, Warcop CA16 6PT	43.7	65	67.4	Moderate
Unit 6a, Redhills Business Park, Redhills Lane, Redhills CA11 0DT	48.2	65	65.3	Moderate
Mason Court, Gillan Way, Penrith CA11 9GR	57.4	65	74.0	Major
The Music Centre, Skirsgill Lane, Penrith CA10 2BQ	54.1	65	84.7	Major
Farm Shop, Carleton Hall Farm, Carleton Avenue, Penrith CA11 8RQ	53.2	65	66.3	Moderate
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65	83.1	Major
St Michaels Church, Cross End, Kirkby Thore CA10 1UR	53.2	65	67.0	Moderate
Barn, Kirkby Thore CA10 1XQ	53.0	65	69.6	Moderate
Honeysuckle Cottage, Skirsgill Business Park, Penrith CA11 0FA	59.0	65	80.4	Major
Castle View, Gillan Way, Penrith CA11 9BP	52.9	65	75.1	Major
Altham House, Haweswater Road, Penrith CA11 9FJ	56.3	65	73.8	Major
Unit D, Skirsgill Business Park, Penrith CA11 0FA	52.5	65	72.0	Major
Unit B, Skirsgill Business Park, Penrith CA11 0FA	49.7	65	72.3	Major
Unit 11, Ullswater Road Business Park, Ullswater Road, Penrith CA11 7EH	55.1	65	69.8	Moderate
Unit F, Skirsgill Business Park, Penrith CA11 0FA	53.9	65	73.9	Major

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
4 The Green, Penrith CA10 2BA	57.9	65	73.2	Major
Burger King, Scotch Corner Pavilion, Middleton Tyas Lane, Middleton Tyas DL10 6PQ	62.3	65	77.4	Major
Office And Weighbridge, Lowfield Grange, Lowfield Farm Road, Bowes DL12 9JR	48.2	65	66.6	Moderate
Builders Merchants, Ullswater Road, Penrith CA11 7EH	58.9	65	70.5	Major
Dyke Nook, Sandford CA16 6NS	53.4	65	70.6	Major
The Old School, The Street, Rokeby DL12 9RY	69.5	75	80.0	Major
North Bank, Skirsgill Lane, Penrith CA10 2BQ	52.1	65	68.6	Moderate
Unicorn Cottage 1, The Ancient Unicorn, Bowes DL12 9HL	49.7	65	67.2	Moderate
Apple Tree Barn, West View Farm, Brough CA17 4DS	65.1	70	79.2	Major
Low Broats, The Street, Bowes DL12 9JP	55.3	65	96.8	Major
Mason Court, Gillan Way, Penrith CA11 9GR	61.6	65	75.3	Major
Brougham Institute, Brougham CA10 2AE	68	75	75.1	Moderate
2a, Tynefield Drive, Penrith CA11 8JA	42.2	65	66.8	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	85.3	Major
10 Kemplay Foot, Eamont Bridge CA10 2BD	53.5	65	65.7	Moderate
Mason Court, Gillan Way, Penrith CA11 9GR	56.6	65	73.4	Major
Unit 19, Skirsgill Business Park, Penrith CA11 0FD	57.4	65	77.8	Major
North Lakes Hotel And Spa, Ullswater Road, Penrith CA11 8QT	60.7	65	81.2	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.3	70	84.8	Major
Winters Park, Carleton Avenue, Penrith CA11 8RQ	52.5	65	65.6	Moderate
12 The Green, Penrith CA10 2BA	53.4	65	71.4	Major
B And M, Bridge Lane, Penrith CA11 8JB	57.3	65	70.6	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.5	70	84.9	Major
St Marys Church, The Street, Rokeby DL12 9RY	59.7	65	69.3	Moderate
Graphite House, Ullswater Road Business Park, Ullswater Road, Penrith CA11 7EH	52.9	65	71.2	Major
Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	58.3	65	78.5	Major
Unit 15, Redhills Business Park, Redhills Lane, Redhills CA11 0DT	50.7	65	65.8	Moderate
11 The Green, Penrith CA10 2BA	53.6	65	72.1	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	61.5	65	80.6	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	55.5	65	76.9	Major
Fieldrose House, Bridge Lane, Penrith CA11 8JB	60.2	65	82.3	Major
2 Tynefield Drive, Penrith CA11 8JA	46.1	65	66.6	Moderate
Bleach Mill, Eamont Bridge CA10 2BH	52.5	65	67.9	Moderate
Unit, Enterprise House, Gillan Way, Penrith CA11 9BP	64.3	70	79.4	Major
Unit A, Skirsgill Business Park, Penrith CA11 0FA	52.9	65	73.9	Major
The Post Office, Bowes DL12 9HN	58.8	65	65.5	Moderate
Travelodge, Scotch Corner Pavilion, Middleton Tyas Lane, Middleton Tyas DL10 6PQ	61.3	65	65.7	Moderate
Kingdom Hall Of Jehovahs Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	72.6	Major

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Cross Lanes Organic Farm Shop Cross Lanes Farm, Cross Lanes, Barnard Castle DL12 9RT	65.5	70	82.0	Major
Lords House, Brougham CA10 2AB	63.2	70	82.0	Major
Juniper (Events) Ltd, Coney Flatt, Bridge Lane, Penrith CA11 8JB	50.6	65	68.7	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	85.0	Major
North Lakes School, Huntley Avenue, Penrith CA11 8NU	49.0	65	65.8	Moderate
Blain House, Bridge Lane, Penrith CA11 8QU	52.6	65	65.2	Moderate
Mason Court, Gillan Way, Penrith CA11 9GR	62.8	70	76.1	Major
The Old Fire Station, Bridge Lane, Penrith CA11 8HY	53.8	65	67.4	Moderate
Signal House, Gillan Way, Penrith CA11 9BP	64.2	70	76.3	Major
Ghyll Mount, Gillan Way, Penrith CA11 9BP	64.9	70	80.2	Major
Holiday Cottage, Ivy Hall Farm, Road Adjacent To West End Garage, Bowes DL12 9LL	54.4	65	67.3	Moderate
Unit 24-25, Skirsgill Business Park, Penrith CA11 0FD	65.3	70	87.6	Major
Unit 1, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	57.6	65	78.9	Major
Office, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	56.8	65	79.7	Major
Unit M, Skirsgill Business Park, Penrith CA11 0FA	50.5	65	69.8	Moderate
Bowes Pre-School, Bowes Hutchinson Ce School, Bowes DL12 9LG	53.1	65	66.5	Moderate
Unit 9, Skirsgill Business Park, Penrith CA11 0FD	54.6	65	74.5	Major
Elm Cottage, , Warcop CA16 6PT	50.8	65	65.4	Moderate
Woodbine House, Bowes DL12 9HL	49.7	65	66.4	Moderate
12 Clifford Court, Penrith CA11 8PX	58.5	65	68.4	Moderate
39 Rydal Crescent, Penrith CA11 8PL	48.8	65	67.0	Moderate
Warriner House, Carkin Moor Road, East Layton DL11 7PA	49.4	65	69.3	Moderate
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	74.7	Major
10 Skirsgill Close, Penrith CA11 8QF	51.9	65	69.8	Moderate
2 Clifford Road, Penrith CA11 8PW	54.8	65	65.9	Moderate
6 Skirsgill Gardens, Penrith CA11 7EP	51.9	65	67.3	Moderate
Old Rectory, Cross End, Kirkby Thore CA10 1UR	51.9	65	73.0	Major
4 Carleton Hall Walk, Penrith CA10 2AJ	44.7	65	65.2	Moderate
21 Carleton Hall Walk, Penrith CA10 2AJ	44.3	65	65.4	Moderate
4 Porthouse Road, Penrith CA11 8QB	50.1	65	66.5	Moderate
1 Moor View, Bowes DL12 9HJ	50.0	65	66.2	Moderate
3 Pearson Court, Penrith CA11 8QA	46.8	65	66.7	Moderate
6 Skirsgill Close, Penrith CA11 8QF	55.4	65	71.1	Major
2 Illings View, Temple Sowerby CA10 1ST	59.3	65	67.0	Moderate
14 Clifford Road, Penrith CA11 8QE	57.1	65	75.9	Major
27 Pategill Park, Penrith CA11 8JX	58.7	65	75.7	Major
1 Hall Park, Warcop CA16 6PQ	50.0	65	74.3	Major
5 Kemplay Foot Farm, Kemplay Bank, Eamont Bridge CA10 2BD	58.9	65	66.2	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
6 Pategill Park, Penrith CA11 8JX	53.4	65	71.9	Major
116 Pategill Road, Penrith CA11 8JS	50.4	65	69.9	Moderate
8 Skirsgill Close, Penrith CA11 8QF	53.2	65	70.7	Major
76 Netherend Road, Penrith CA11 8PH	48.7	65	66.3	Moderate
13 Skirsgill Close, Penrith CA11 8QF	54.2	65	73.1	Major
7 Clifford Court, Penrith CA11 8PX	50.6	65	67.3	Moderate
22 Clifford Road, Penrith CA11 8QE	57.5	65	76.2	Major
11 Rydal Court, Penrith CA11 8PN	51.6	65	68.1	Moderate
39 Netherend Road, Penrith CA11 8PH	52.4	65	67.2	Moderate
3 Pategill Park, Penrith CA11 8JX	43.3	65	68.7	Moderate
11 Carleton Hall Gardens, Penrith CA10 2AL	61.2	65	76.3	Major
New Bungalow, Kirkby Thore CA10 1XQ	67.2	70	73.1	Moderate
20 Sandersons Croft, Kirkby Thore CA10 1XT	45.0	65	65.1	Moderate
57 Clifford Road, Penrith CA11 8PT	56.7	65	74.4	Major
67 Clifford Road, Penrith CA11 8PT	56.0	65	74.0	Major
24 Thirlmere Park, Penrith CA11 8QS	50.3	65	69.0	Moderate
5 Clifford Court, Penrith CA11 8PX	50.6	65	67.5	Moderate
6 Porthouse Road, Penrith CA11 8QB	50.1	65	66.6	Moderate
9 Rydal Court, Penrith CA11 8PN	50.9	65	66.7	Moderate
Wheatsheaf Cottage, Warcop CA16 6NP	51.9	65	66.6	Moderate
Skirsgill Park, Skirsgill Business Park, Penrith CA11 0DH	49.2	65	69.7	Moderate
60 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	69.2	Moderate
Whinfell Park, Brougham CA10 2AD	52.0	65	74.6	Major
13 Rydal Crescent, Penrith CA11 8PJ	47.9	65	65.5	Moderate
18 Clifford Road, Penrith CA11 8QE	57.4	65	76.0	Major
1a, Porthouse Road, Penrith CA11 8QB	50.1	65	66.8	Moderate
Orchard Close, Middleton Tyas Lane, Middleton Tyas DL10 6PE	57.3	65	71.4	Major
22 Clifford Road, Penrith CA11 8PP	53.5	65	67.5	Moderate
Dyke Nook Cottage, Sandford CA16 6NS	58.3	65	72.3	Major
Station House, Warcop On The C3070 To The A66t, Warcop CA16 6PR	49.2	65	69.1	Moderate
4 Swyneghyll, Temple Sowerby CA10 2AW	53.0	65	68.1	Moderate
9 Huntley Court, Penrith CA11 8NW	51.1	65	67.2	Moderate
22 Skirsgill Gardens, Penrith CA11 7EP	53.2	65	68.3	Moderate
77 Clifford Road, Penrith CA11 8PU	55.7	65	74.0	Major
4 Skirsgill Gardens, Penrith CA11 7EP	53.7	65	66.6	Moderate
10 Pearson Court, Penrith CA11 8QA	50.5	65	67.9	Moderate
74 Netherend Road, Penrith CA11 8PH	46.5	65	66.2	Moderate
4 Helvellyn Court, Penrith CA11 8PZ	51.9	65	68.9	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
8 Helvellyn Court, Penrith CA11 8PZ	47.0	65	67.0	Moderate
2 Ashton Leigh Cottages, Cross End, Kirkby Thore CA10 1XX	52.7	65	67.3	Moderate
3 Swyneghyll, Temple Sowerby CA10 2AW	52.5	65	67.4	Moderate
2 Moor View, Bowes DL12 9HJ	50.0	65	66.2	Moderate
21 Rydal Crescent, Penrith CA11 8PL	48.8	65	65.8	Moderate
62 Netherend Road, Penrith CA11 8PH	45.7	65	65.5	Moderate
Foxgrove Farm, Scotch Corner To Appleby Trunk Road, East Layton DL11 7PW	62.2	65	71.7	Major
12 Pategill Park, Penrith CA11 8JX	49.2	65	68.2	Moderate
92 Pategill Road, Penrith CA11 8JS	49.2	65	68.1	Moderate
34 Wetheriggs Lane, Penrith CA11 8PE	50.5	65	65.1	Moderate
Lyndale House, Bowes DL12 9HL	53.0	65	69.8	Moderate
4 Highbank Court, Eamont Bridge CA10 2DY	52.2	65	66.7	Moderate
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	50.0	65	65.7	Moderate
68 Sandersons Croft, Kirkby Thore CA10 1XT	53.3	65	73.8	Major
2 Dunfell View, Kirkby Thore CA10 1UT	55.6	65	75.2	Major
53 Pategill Park, Penrith CA11 8JX	48.7	65	68.1	Moderate
55 Clifford Road, Penrith CA11 8PS	56.9	65	74.5	Major
52 Clifford Road, Penrith CA11 8PR	46.7	65	66.7	Moderate
High Barn, Brougham CA10 2AE	57.8	65	89.8	Major
134 Pategill Road, Penrith CA11 8JS	50.8	65	69.8	Moderate
Hall Park House, Warcop CA16 6PQ	48.6	65	73.8	Major
7 Rydal Court, Penrith CA11 8PN	49.3	65	66.0	Moderate
43 Rydal Crescent, Penrith CA11 8PL	54.7	65	69.6	Moderate
10 Skirsgill Gardens, Penrith CA11 7EP	51.9	65	68.4	Moderate
1 Upton House, Sleastonhow Lane, Kirkby Thore CA10 1XN	51.5	65	65.9	Moderate
18 Thirlmere Park, Penrith CA11 8QS	50.0	65	68.1	Moderate
31 Pategill Park, Penrith CA11 8JX	58.1	65	75.5	Major
17 Clifford Road, Penrith CA11 8PP	52.1	65	70.6	Major
8 Carleton Hall Gardens, Penrith CA10 2AL	49.1	65	69.9	Moderate
Roman Vale, Back Lane, Long Marton CA16 6AQ	43.4	65	65.2	Moderate
1 Rydal Court, Penrith CA11 8PN	48.3	65	65.9	Moderate
7 Skirsgill Close, Penrith CA11 8QF	54.1	65	71.0	Major
93 Pategill Road, Penrith CA11 8LH	47.7	65	65.5	Moderate
3 Carleton Hall Walk, Penrith CA10 2AJ	44.9	65	65.1	Moderate
23 Thirlmere Park, Penrith CA11 8QS	49.1	65	68.5	Moderate
14 Clifford Road, Penrith CA11 8PP	54.2	65	68.3	Moderate
16 Pategill Park, Penrith CA11 8JX	49.2	65	67.4	Moderate
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	66.4	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
4 Carleton Hall Gardens, Penrith CA10 2AL	46.4	65	66.1	Moderate
9 Clifford Court, Penrith CA11 8PX	50.1	65	67.3	Moderate
37 Pategill Park, Penrith CA11 8JX	57.5	65	75.1	Major
23 Rydal Crescent, Penrith CA11 8PL	48.7	65	66.0	Moderate
7 Tynefield Drive, Penrith CA11 8JA	47.1	65	65.3	Moderate
3 Thirlmere Park, Penrith CA11 8QS	60.8	65	73.7	Major
Pennine View, Fell Lane, Kirkby Thore CA10 1XN	55.7	65	65.2	Moderate
1 Eamont Mews, Penrith CA11 8UB	48.0	65	66.9	Moderate
17 Rydal Crescent, Penrith CA11 8PL	48.5	65	65.7	Moderate
7 Carleton Hall Gardens, Penrith CA10 2AL	44.9	65	67.4	Moderate
Greythorne, Kirkby Thore CA10 1XQ	61.4	65	75.6	Major
16 Clifford Road, Penrith CA11 8PP	54.5	65	68.1	Moderate
20 Skirsgill Close, Penrith CA11 8QF	58.8	65	77.3	Major
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	66.0	Moderate
Kirkdale, Dyke Nook, Sandford CA16 6NS	54.4	65	71.4	Major
6 Rydal Court, Penrith CA11 8PN	48.1	65	65.9	Moderate
37 Dunfell View, Kirkby Thore CA10 1UT	55.5	65	72.3	Major
14 Clifford Court, Penrith CA11 8PX	59.6	65	68.5	Moderate
3 Dunfell View, Kirkby Thore CA10 1UT	56.0	65	73.5	Major
Carleton Hall Farm, Carleton Avenue, Penrith CA11 8RQ	55.4	65	70.1	Major
3 Low Moor Row, Kirkby Thore CA10 1XG	58.0	65	70.3	Major
6 Huntley Court, Penrith CA11 8NW	50.4	65	67.2	Moderate
4 Low Moor Row, Kirkby Thore CA10 1XG	56.8	65	69.8	Moderate
5 Rydal Court, Penrith CA11 8PN	47.6	65	65.8	Moderate
2 Carleton Hall Gardens, Penrith CA10 2AL	44.5	65	65.4	Moderate
The Byre, Ravensworth Lodge, Waitlands Lane, Ravensworth DL11 7HD	69.3	75	75.6	Moderate
20 Carleton Hall Gardens, Penrith CA10 2AL	42.6	65	66.2	Moderate
35 Clifford Road, Penrith CA11 8PP	53.8	65	70.1	Major
27 Sandersons Croft, Kirkby Thore CA10 1XT	44.8	65	65.8	Moderate
4 Thirlmere Park, Penrith CA11 8QS	59.2	65	73.3	Major
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	68.4	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	67.8	Moderate
9 Pearson Court, Penrith CA11 8QA	50.4	65	67.8	Moderate
Elm Cottage, , Warcop CA16 6PT	43.7	65	65.3	Moderate
6 Thirlmere Park, Penrith CA11 8QS	57.6	65	72.1	Major
1 Sandersons Croft, Kirkby Thore CA10 1XT	51.3	65	69.1	Moderate
5 Carleton Hall Walk, Penrith CA10 2AJ	44.5	65	65.3	Moderate
43 Clifford Road, Penrith CA11 8PP	57.5	65	74.3	Major

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
2 Carleton Hall Road, Penrith CA10 2AX	57.5	65	75.5	Major
The Warren, Main Street, Brough CA17 4DS	53.3	65	66.4	Moderate
148 Pategill Road, Penrith CA11 8GY	53.1	65	72.2	Major
4 Pategill Walk, Penrith CA11 8JY	53.1	65	72.2	Major
Oaktree Farm, Middleton Tyas DL10 6AD	54.2	65	66.2	Moderate
32 Clifford Road, Penrith CA11 8PR	50.1	65	68.6	Moderate
132 Pategill Road, Penrith CA11 8JS	49.2	65	69.1	Moderate
3 Southwaite Green Cottages, Eamont Bridge CA10 2BY	54.5	65	69.1	Moderate
6 Helvellyn Court, Penrith CA11 8PZ	48.6	65	67.2	Moderate
5 Pearson Court, Penrith CA11 8QA	48.8	65	67.1	Moderate
50 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	66.4	Moderate
14 Carleton Hall Gardens, Penrith CA10 2AL	52.8	65	73.2	Major
Platts, Sandford CA16 6NR	48.9	65	67.0	Moderate
1 Carleton Hall Gardens, Penrith CA10 2AL	44.9	65	65.3	Moderate
Unicorn West, Bowes DL12 9HL	47.7	65	65.3	Moderate
Lime Grove, Skirsgill Lane, Penrith CA10 2BQ	52.5	65	68.5	Moderate
1 Pategill Walk, Penrith CA11 8JY	52.5	65	71.2	Major
41 Rydal Crescent, Penrith CA11 8PL	49.0	65	67.1	Moderate
60 Netherend Road, Penrith CA11 8PH	43.6	65	65.4	Moderate
5 Huntley Court, Penrith CA11 8NW	50.2	65	67.3	Moderate
122 Pategill Road, Penrith CA11 8JS	49.6	65	68.9	Moderate
12 Thirlmere Park, Penrith CA11 8QS	60.3	65	70.2	Major
Alandale, Main Street, Kirkby Thore CA10 1UE	59.1	65	65.9	Moderate
18 Clifford Road, Penrith CA11 8PP	52.2	65	67.5	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	72.3	Major
16 Rydal Crescent, Penrith CA11 8PL	49.2	65	66.4	Moderate
Monks Rest Farm, Moor Lane, East Layton DL11 7PL	49.4	65	80.2	Major
70 Netherend Road, Penrith CA11 8PH	46.1	65	66.0	Moderate
Stagecoach Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	66.6	70	72.9	Moderate
126 Pategill Road, Penrith CA11 8JS	47.7	65	65.4	Moderate
5 Low Moor Row, Kirkby Thore CA10 1XG	53.4	65	67.6	Moderate
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	75.0	Major
27 Dunfell View, Kirkby Thore CA10 1UT	46.9	65	67.4	Moderate
24 Carleton Hall Walk, Penrith CA10 2AJ	42.3	65	66.1	Moderate
47 Clifford Road, Penrith CA11 8PS	47.0	65	68.5	Moderate
6 Eamont Mews, Penrith CA11 8UB	46.6	65	65.4	Moderate
8 Pearson Court, Penrith CA11 8QA	43.7	65	67.1	Moderate
6 Clifford Road, Penrith CA11 8PP	53.5	65	67.6	Moderate



Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Fir Bank, Skirsgill Lane, Penrith CA10 2BQ	52.3	65	68.5	Moderate
10 Carleton Hall Gardens, Penrith CA10 2AL	59.4	65	75.6	Major
Canister Cottage, Skirsgill Lane, Penrith CA10 2BQ	51.5	65	65.7	Moderate
2 Pategill Park, Penrith CA11 8JX	51.9	65	69.5	Moderate
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	77.1	Major
44 Clifford Road, Penrith CA11 8PR	46.7	65	66.8	Moderate
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	68.9	Moderate
9 Carleton Hall Gardens, Penrith CA10 2AL	50.5	65	69.8	Moderate
67 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	70.8	Major
Dacre House, Warcop On The C3070 To The A66t, Warcop CA16 6PR	50.1	65	70.1	Major
East Byre, Bowes DL12 9HU	49.7	65	68.4	Moderate
Plane Tree House, Bowes DL12 9HL	48.7	65	66.8	Moderate
5 Carleton Hall Road, Penrith CA10 2AX	61.8	65	77.9	Major
The Grove, Road Leading To The Grove, Rokeby DL12 9SA	60.6	65	75.8	Major
3 Clifford Court, Penrith CA11 8PX	48.4	65	67.1	Moderate
West Byre, Bowes DL12 9HU	50.4	65	68.6	Moderate
33 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	70.3	Major
49 Pategill Park, Penrith CA11 8JX	49.7	65	67.9	Moderate
Comrie Lea, Temple Sowerby CA10 1ST	57.2	65	65.2	Moderate
2 Clifford Road, Penrith CA11 8QE	56.4	65	75.3	Major
46 Clifford Road, Penrith CA11 8PR	48.2	65	66.5	Moderate
54 Netherend Road, Penrith CA11 8PH	45.2	65	65.1	Moderate
20 Rydal Crescent, Penrith CA11 8PL	51.1	65	66.8	Moderate
5 Rydal Crescent, Penrith CA11 8PJ	47.3	65	65.1	Moderate
12 Huntley Court, Penrith CA11 8NW	50.6	65	67.0	Moderate
Orchard House, Skirsgill Lane, Penrith CA10 2BQ	50.1	65	66.4	Moderate
2 Eamont Lodge, Skirsgill Lane, Penrith CA10 2BQ	50.3	65	65.9	Moderate
Caravan, Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	67.1	70	74.2	Moderate
128 Pategill Road, Penrith CA11 8JS	48.2	65	66.8	Moderate
14 Clifford Close, Penrith CA11 8QD	52.2	65	69.4	Moderate
11 Thirlmere Park, Penrith CA11 8QS	59.1	65	69.9	Moderate
17 Skirsgill Close, Penrith CA11 8QF	61.8	65	75.9	Major
23 Clifford Road, Penrith CA11 8PP	54.5	65	71.0	Major
10 Porthouse Road, Penrith CA11 8QB	50.0	65	67.5	Moderate
23 Skirsgill Gardens, Penrith CA11 7EP	50.0	65	68.4	Moderate
20 Carleton Hall Walk, Penrith CA10 2AJ	44.2	65	65.3	Moderate
4 Eamont Mews, Penrith CA11 8UB	46.6	65	65.5	Moderate
Elm Cottage, , Warcop CA16 6PT	49.5	65	66.7	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Spittals Farm, Kirkby Thore CA10 1XQ	59.0	65	77.3	Major
14 Skirsgill Gardens, Penrith CA11 7EP	60.8	65	72.2	Major
81 Clifford Road, Penrith CA11 8PU	56.0	65	74.2	Major
7 Pearson Court, Penrith CA11 8QA	50.0	65	67.4	Moderate
26 Carleton Hall Walk, Penrith CA10 2AJ	47.9	65	68.1	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	77.6	Major
5 Moor View, Bowes DL12 9HJ	48.9	65	66.2	Moderate
Arden Holme, Warcop CA16 6PT	43.4	65	66.7	Moderate
Broomrigg House, Warcop CA16 6PT	53.0	65	70.9	Major
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	71.4	Major
52 Netherend Road, Penrith CA11 8PH	45.5	65	65.2	Moderate
5 Helvellyn Court, Penrith CA11 8PZ	51.0	65	67.8	Moderate
Foxtower View, Brough CA17 4DS	61.7	65	79.3	Major
11 Rydal Crescent, Penrith CA11 8PJ	47.6	65	65.3	Moderate
156 Pategill Road, Penrith CA11 8GY	51.6	65	70.1	Major
25 Clifford Road, Penrith CA11 8QE	57.4	65	76.0	Major
29 Carleton Hall Walk, Penrith CA10 2AJ	51.7	65	70.9	Major
15 Dunfell View, Kirkby Thore CA10 1UT	45.8	65	65.7	Moderate
23 Pategill Park, Penrith CA11 8JX	60.0	65	76.9	Major
30 Clifford Road, Penrith CA11 8QE	57.3	65	75.7	Major
Heatherdene, Bowes DL12 9HT	49.6	65	66.9	Moderate
98 Pategill Road, Penrith CA11 8JS	48.3	65	67.0	Moderate
2 Pearson Court, Penrith CA11 8QA	48.2	65	66.6	Moderate
37 Clifford Road, Penrith CA11 8PP	58.2	65	73.6	Major
35 Netherend Road, Penrith CA11 8PH	47.3	65	65.6	Moderate
60 Clifford Road, Penrith CA11 8PR	50.4	65	67.1	Moderate
45 Clifford Road, Penrith CA11 8PP	57.5	65	74.3	Major
Walk Mill Barn, Warcop CA16 6NP	55.9	65	73.2	Major
34 Carleton Hall Walk, Penrith CA10 2AJ	50.5	65	70.7	Major
Fir Mount, Priest Lane, Temple Sowerby CA10 1ST	52.4	65	68.3	Moderate
Croft Cottage, Brough CA17 4DS	59.7	65	83.2	Major
72 Netherend Road, Penrith CA11 8PH	43.7	65	66.1	Moderate
18 Pategill Park, Penrith CA11 8JX	49.2	65	67.2	Moderate
10 Rydal Court, Penrith CA11 8PN	42.3	65	66.3	Moderate
29 Clifford Road, Penrith CA11 8PP	55.1	65	71.2	Major
34 Clifford Road, Penrith CA11 8PR	48.4	65	67.3	Moderate
31 Rydal Crescent, Penrith CA11 8PL	47.6	65	66.4	Moderate
8 Clifford Close, Penrith CA11 8QD	60.1	65	73.3	Major

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	71.9	Major
43 Wetheriggs Rise, Penrith CA11 7EY	48.9	65	65.7	Moderate
40 Wetheriggs Lane, Penrith CA11 8PE	55.8	65	67.6	Moderate
19 Clifford Road, Penrith CA11 8QE	57.5	65	76.2	Major
25 Rydal Crescent, Penrith CA11 8PL	48.2	65	66.1	Moderate
54 Clifford Road, Penrith CA11 8PR	47.1	65	66.8	Moderate
4 Sandersons Croft, Kirkby Thore CA10 1XT	54.7	65	67.0	Moderate
7 Low Road, Bowes DL12 9JU	46.7	65	65.1	Moderate
Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	68.8	75	75.2	Moderate
24 Clifford Close, Penrith CA11 8QD	54.1	65	71.1	Major
Hylton Holme, Warcop On The C3070 To The A66t, Warcop CA16 6PR	49.7	65	69.8	Moderate
7 Pategill Park, Penrith CA11 8JX	43.1	65	68.7	Moderate
Cosy Cottage, Road Leading To Kilmond View, Bowes DL12 9HH	48.9	65	65.2	Moderate
16 Carleton Hall Gardens, Penrith CA10 2AL	52.7	65	70.3	Major
31 Netherend Road, Penrith CA11 8PH	46.7	65	65.3	Moderate
2 Hall Park, Warcop CA16 6PQ	48.6	65	72.6	Major
19 Rydal Crescent, Penrith CA11 8PL	46.7	65	65.7	Moderate
Fox Holme, New Lane, Ravensworth DL11 7JZ	54.1	65	66.3	Moderate
12 Skirsgill Close, Penrith CA11 8QF	53.5	65	70.8	Major
11 Clifford Road, Penrith CA11 8PP	51.6	65	70.1	Major
95 Pategill Road, Penrith CA11 8LH	48.6	65	66.9	Moderate
12 Clifford Road, Penrith CA11 8PP	54.4	65	68.3	Moderate
Toll Bar Cottage, Eamont Bridge CA10 2BB	65.8	70	95.0	Major
10 Pategill Park, Penrith CA11 8JX	51.1	65	69.5	Moderate
65 Clifford Road, Penrith CA11 8PT	56.3	65	74.2	Major
9 Dunfell View, Kirkby Thore CA10 1UT	47.3	65	65.2	Moderate
38 Clifford Road, Penrith CA11 8PR	48.2	65	67.0	Moderate
Speedwell, Skirsgill Lane, Penrith CA10 2BQ	50.7	65	66.3	Moderate
26 Sandersons Croft, Kirkby Thore CA10 1XT	44.8	65	65.6	Moderate
37 Netherend Road, Penrith CA11 8PH	47.0	65	65.8	Moderate
4 Lane Ends, Brougham CA10 2AE	51.7	65	67.0	Moderate
50 Clifford Road, Penrith CA11 8PR	47.2	65	66.5	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	74.9	Major
25 Clifford Road, Penrith CA11 8PP	54.5	65	70.9	Major
97 Pategill Road, Penrith CA11 8LH	47.5	65	66.9	Moderate
6 Blencathra Court, Penrith CA11 8PY	55.1	65	70.3	Major
13 Carleton Hall Gardens, Penrith CA10 2AL	56.0	65	74.5	Major
114 Pategill Road, Penrith CA11 8JS	49.2	65	68.3	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Stone Bridge Farm, Bowes DL12 9JS	55.8	65	74.1	Major
17 Skirsgill Gardens, Penrith CA11 7EP	59.5	65	67.1	Moderate
Grey Horse Stables, Brough CA17 4DS	56.0	65	73.7	Major
11 Skirsgill Close, Penrith CA11 8QF	52.3	65	69.7	Moderate
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	55.7	65	71.4	Major
44 Wetheriggs Rise, Penrith CA11 7EY	50.0	65	65.7	Moderate
7 Blencathra Court, Penrith CA11 8PY	48.2	65	68.1	Moderate
12 Dunfell View, Kirkby Thore CA10 1UT	42.1	65	67.2	Moderate
8 Huntley Court, Penrith CA11 8NW	50.9	65	67.2	Moderate
35 Rydal Crescent, Penrith CA11 8PL	46.3	65	66.8	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	80.4	Major
Pinfold Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	48.9	65	65.6	Moderate
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	67.6	Moderate
26 Skirsgill Gardens, Penrith CA11 7EP	59.5	65	74.9	Major
7 Eamont Mews, Penrith CA11 8UB	45.5	65	65.1	Moderate
68 Netherend Road, Penrith CA11 8PH	44.2	65	65.9	Moderate
22 Thirlmere Park, Penrith CA11 8QS	49.4	65	68.2	Moderate
11 Huntley Court, Penrith CA11 8NW	50.9	65	67.5	Moderate
1 Whinfall Park Cottages, Brougham CA10 2AD	53.2	65	77.5	Major
16 Skirsgill Close, Penrith CA11 8QF	59.8	65	73.5	Major
3 The Manor, Layton Manor Road, West Layton DL11 7PP	44.2	65	65.1	Moderate
Foxwell Farm, Scotch Corner To Appleby Trunk Road, East Layton DL11 7PW	62.7	70	72.0	Moderate
15 Skirsgill Close, Penrith CA11 8QF	58.3	65	73.7	Major
80 Clifford Road, Penrith CA11 8PT	55.7	65	69.8	Moderate
6 Pategill Walk, Penrith CA11 8JY	53.4	65	72.6	Major
1 Clifford Road, Penrith CA11 8PW	50.4	65	69.0	Moderate
1 Eamont Terrace, Redhills CA11 0DS	53.2	65	70.1	Major
1 Skirsgill Close, Penrith CA11 8QF	56.2	65	75.8	Major
75 Clifford Road, Penrith CA11 8PU	55.4	65	73.5	Major
5 Sandersons Croft, Kirkby Thore CA10 1XT	54.5	65	66.1	Moderate
3 Helvellyn Court, Penrith CA11 8PZ	52.1	65	69.4	Moderate
2 Skirsgill Close, Penrith CA11 8QF	61.9	65	79.0	Major
20 Skirsgill Gardens, Penrith CA11 7EP	54.5	65	67.9	Moderate
3 Carleton Hall Gardens, Penrith CA10 2AL	45.0	65	65.8	Moderate
12 Blencathra Court, Penrith CA11 8PY	49.2	65	67.2	Moderate
74 Clifford Road, Penrith CA11 8PT	55.4	65	68.3	Moderate
9 Clifford Road, Penrith CA11 8QE	56.6	65	75.4	Major
Poundergill, Rutherford Lane, Brignall DL12 9SS	57.8	65	66.2	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
43a, Pategill Park, Penrith CA11 8JX	56.2	65	74.6	Major
Black Lodge Farm, Bowes DL12 9JN	49.0	65	65.9	Moderate
Bankfoot, Eamont Terrace, Redhills CA11 0DS	61.7	65	71.8	Major
108 Pategill Road, Penrith CA11 8JS	50.1	65	69.6	Moderate
Toddygill Hall, Warcop CA16 6PS	53.7	65	67.6	Moderate
1 Porthouse Road, Penrith CA11 8QB	50.6	65	67.1	Moderate
School House, The Street, Rokeby DL12 9RY	58.8	65	68.7	Moderate
8 Clifford Court, Penrith CA11 8PX	50.4	65	67.3	Moderate
1 Swyneghyll, Temple Sowerby CA10 2AW	51.1	65	65.2	Moderate
Fell View, Kirkby Thore CA10 1XQ	65.8	70	75.4	Major
96 Pategill Road, Penrith CA11 8JS	46.3	65	65.3	Moderate
38 Wetheriggs Lane, Penrith CA11 8PE	51.4	65	65.5	Moderate
3 Sandersons Croft, Kirkby Thore CA10 1XT	55.1	65	67.2	Moderate
4 Skirsgill Close, Penrith CA11 8QF	63.8	70	79.2	Major
Cleveland View, Road Leading To Kilmond View, Bowes DL12 9HH	52.8	65	68.2	Moderate
61 Clifford Road, Penrith CA11 8PT	56.3	65	74.2	Major
1 Bridge Lane, Penrith CA11 8GT	45.9	65	66.0	Moderate
Mains House, Brough CA17 4DS	50.4	65	69.0	Moderate
10 Helvellyn Court, Penrith CA11 8PZ	47.4	65	66.6	Moderate
The Cottage, Cross Lanes, Barnard Castle DL12 9SL	50.8	65	67.1	Moderate
5 Carleton Hall Gardens, Penrith CA10 2AL	43.7	65	66.5	Moderate
Jenny Garth, Fell Lane, Kirkby Thore CA10 1XN	61.1	65	68.9	Moderate
14 Dunfell View, Kirkby Thore CA10 1UT	51.7	65	67.9	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	66.7	Moderate
5 Clifford Road, Penrith CA11 8QE	56.5	65	75.5	Major
78 Clifford Road, Penrith CA11 8PT	55.6	65	69.8	Moderate
10 Huntley Court, Penrith CA11 8NW	51.1	65	67.7	Moderate
7 Clifford Road, Penrith CA11 8PP	51.6	65	69.8	Moderate
3 Bridge Lane, Penrith CA11 8GT	49.6	65	67.1	Moderate
Dodds Barn, Temple Sowerby CA10 2AW	55.5	65	75.5	Major
10 Clifford Court, Penrith CA11 8PX	58.5	65	68.7	Moderate
89 Pategill Road, Penrith CA11 8LH	46.5	65	65.4	Moderate
2 Midland View, Fell Lane, Kirkby Thore CA10 1XP	53.1	65	68.4	Moderate
Rose Cottage, Bowes DL12 9HT	51.5	65	66.4	Moderate
The Swallows, Warcop CA16 6PT	43.3	65	66.1	Moderate
Staff Accommodation, Penrith Hospital, Bridge Lane, Penrith CA11 8HX	55.1	65	80.2	Major
21 Skirsgill Close, Penrith CA11 8QF	60.6	65	78.5	Major
1a, Skirsgill Gardens, Penrith CA11 7EP	59.5	65	65.7	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
35 Pategill Park, Penrith CA11 8JX	57.7	65	75.1	Major
Dinglefield, Moor Lane, Brougham CA10 2DF	51.8	65	68.6	Moderate
58 Clifford Road, Penrith CA11 8PR	49.1	65	67.0	Moderate
33 Pategill Park, Penrith CA11 8JX	57.9	65	75.3	Major
Coach House, Skirsgill Lane, Penrith CA10 2BQ	52.8	65	69.1	Moderate
2 Whinfell House, Brougham CA10 2AF	57.9	65	67.7	Moderate
14 Rydal Crescent, Penrith CA11 8PL	49.8	65	66.1	Moderate
9 Porthouse Road, Penrith CA11 8QB	49.9	65	67.1	Moderate
Winthorn, Cross End, Kirkby Thore CA10 1XP	51.7	65	85.4	Major
Skirsgill Lodge, Redhills Lane, Redhills CA11 0DT	65.3	70	80.6	Major
25 Skirsgill Gardens, Penrith CA11 7EP	56.7	65	73.8	Major
100 Pategill Road, Penrith CA11 8JS	49.7	65	68.8	Moderate
Lady Anne Court, Bridge Lane, Penrith CA11 8RH	52.6	65	66.3	Moderate
West Layton Manor, Layton Manor Road, West Layton DL11 7PP	47.3	65	67.0	Moderate
18 Carleton Hall Gardens, Penrith CA10 2AL	50.9	65	68.8	Moderate
4 Eamont Terrace, Redhills CA11 0DS	56.1	65	71.1	Major
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	76.3	Major
3 Carleton Hall Road, Penrith CA10 2AX	58.3	65	75.8	Major
69 Clifford Road, Penrith CA11 8PT	55.8	65	73.7	Major
Ivy Hall Cottage, Road Adjacent To West End Garage, Bowes DL12 9LL	50.6	65	71.6	Major
23 Carleton Hall Walk, Penrith CA10 2AJ	47.2	65	66.8	Moderate
7 Dunfell View, Kirkby Thore CA10 1UT	47.8	65	69.5	Moderate
3 Pategill Walk, Penrith CA11 8JY	52.7	65	71.9	Major
Donaldson House, Bowes DL12 9HL	47.2	65	65.7	Moderate
11 Blencathra Court, Penrith CA11 8PY	49.2	65	67.3	Moderate
Eastfieldgate, Warcop On The C3070 To The A66t, Warcop CA16 6PS	55.6	65	69.8	Moderate
78 Netherend Road, Penrith CA11 8PH	48.3	65	66.4	Moderate
28 Sandersons Croft, Kirkby Thore CA10 1XT	44.9	65	65.8	Moderate
3 Clifford Road, Penrith CA11 8PW	51.0	65	69.3	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	74.7	Major
4 Dunfell View, Kirkby Thore CA10 1UT	46.0	65	66.9	Moderate
26 Clifford Road, Penrith CA11 8QE	41.7	65	70.4	Major
85 Clifford Road, Penrith CA11 8PU	55.9	65	74.6	Major
130 Pategill Road, Penrith CA11 8JS	48.4	65	67.2	Moderate
40 Clifford Road, Penrith CA11 8PR	49.1	65	67.2	Moderate
6 Low Moor Row, Kirkby Thore CA10 1XG	53.3	65	67.5	Moderate
30 Clifford Road, Penrith CA11 8PP	56.1	65	70.4	Major
4 Rydal Court, Penrith CA11 8PN	47.4	65	65.7	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
28 Carleton Hall Walk, Penrith CA10 2AJ	52.2	65	70.8	Major
Jockey Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	55.1	65	68.1	Moderate
Ashbank, Skirsgill Lane, Penrith CA10 2BQ	50.0	65	65.5	Moderate
11 Dunfell View, Kirkby Thore CA10 1UT	47.4	65	67.1	Moderate
1 Eamont Lodge, Skirsgill Lane, Penrith CA10 2BQ	49.8	65	66.1	Moderate
11a, Dunfell View, Kirkby Thore CA10 1UT	46.2	65	67.2	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	66.9	Moderate
Well Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	48.1	65	66.6	Moderate
39 Dunfell View, Kirkby Thore CA10 1UT	57.1	65	73.2	Major
3 Southwaite Green Mill, Eamont Bridge CA10 2FB	61.0	65	67.8	Moderate
101 Pategill Road, Penrith CA11 8LH	46.8	65	65.2	Moderate
2 Thirlmere Park, Penrith CA11 8QS	59.0	65	74.0	Major
36 Wetheriggs Lane, Penrith CA11 8PE	50.7	65	65.3	Moderate
61 Sandersons Croft, Kirkby Thore CA10 1XT	38.7	65	70.7	Major
64 Clifford Road, Penrith CA11 8PS	56.0	65	69.4	Moderate
The Loft, Skirsgill Lane, Penrith CA10 2BQ	52.8	65	65.5	Moderate
The Sapling, Bowes DL12 9HL	49.0	65	66.3	Moderate
66 Sandersons Croft, Kirkby Thore CA10 1XT	55.4	65	72.1	Major
24 Clifford Road, Penrith CA11 8PP	55.4	65	68.5	Moderate
6 Hallin View, Clifford Road, Penrith CA11 8PU	57.4	65	67.9	Moderate
62 Clifford Road, Penrith CA11 8PS	55.7	65	69.5	Moderate
8 Porthouse Road, Penrith CA11 8QB	49.2	65	66.7	Moderate
3 Blencathra Court, Penrith CA11 8PY	60.2	65	70.4	Major
142 Pategill Road, Penrith CA11 8JS	52.9	65	72.2	Major
Nine Chimneys, Mile Lane, Redhills CA11 0DR	51.5	65	67.2	Moderate
33 Carleton Hall Walk, Penrith CA10 2AJ	50.1	65	69.1	Moderate
53 Clifford Road, Penrith CA11 8PS	56.9	65	74.5	Major
8 Blencathra Court, Penrith CA11 8PY	52.0	65	70.2	Major
2 Southwaite Green Cottages, Eamont Bridge CA10 2BY	56	65	68.4	Moderate
21 Pategill Park, Penrith CA11 8JX	61.2	65	77.6	Major
31 Clifford Road, Penrith CA11 8PP	55.4	65	71.5	Major
20 Tynefield Drive, Penrith CA11 8JA	51.8	65	65.2	Moderate
2 Pategill Walk, Penrith CA11 8JY	52.6	65	71.7	Major
3 Whinfell Park Cottages, Brougham CA10 2AD	56.0	65	78.7	Major
1 Unicorn Cottage, Bowes DL12 9HL	49.5	65	67.3	Moderate
3 Lane Ends, Brougham CA10 2AE	55.0	65	68.0	Moderate
Havelock House, Bowes DL12 9HT	48.0	65	65.2	Moderate
15 Carleton Hall Gardens, Penrith CA10 2AL	52.8	65	71.0	Major

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
5 Blencathra Court, Penrith CA11 8PY	58.0	65	69.9	Moderate
48 Clifford Road, Penrith CA11 8PR	47.9	65	66.5	Moderate
Roma, Priest Lane, Temple Sowerby CA10 1ST	55.7	65	66.1	Moderate
6 Pearson Court, Penrith CA11 8QA	50.2	65	67.3	Moderate
10 Thirlmere Park, Penrith CA11 8QS	57.7	65	70.2	Major
2 Skirsgill Gardens, Penrith CA11 7EP	58.1	65	66.0	Moderate
25 Sandersons Croft, Kirkby Thore CA10 1XT	42.0	65	65.7	Moderate
Carkin Moor Farm, Carkin Moor Road, East Layton DL11 7PA	47.7	65	65.1	Moderate
45a, Pategill Park, Penrith CA11 8JX	52.7	65	71.4	Major
58 Netherend Road, Penrith CA11 8PH	45.7	65	65.4	Moderate
59 Clifford Road, Penrith CA11 8PT	56.5	65	74.4	Major
71 Clifford Road, Penrith CA11 8PU	55.9	65	73.8	Major
8 Southwaite Green Mill, Eamont Bridge CA10 2FD	59.2	65	69.8	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	71.0	Major
High Barn, Cross End, Kirkby Thore CA10 1XP	57.1	65	67.9	Moderate
1 Rectory Farm Cottages, Cross End, Kirkby Thore CA10 1UP	54.4	65	65.8	Moderate
8 Dunfell View, Kirkby Thore CA10 1UT	50.2	65	71.5	Major
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	65.4	Moderate
23 Dunfell View, Kirkby Thore CA10 1UT	45.7	65	66.7	Moderate
5 Pategill Walk, Penrith CA11 8JY	53.2	65	72.4	Major
17 Dunfell View, Kirkby Thore CA10 1UT	45.5	65	68.6	Moderate
4 Kemplay Foot Farm, Kemplay Foot, Eamont Bridge CA10 2BD	55.5	65	66.1	Moderate
Dent House Farm, Road Leading To Dent House Farm, Brignall DL12 9SJ	51.6	65	69.4	Moderate
10 Dunfell View, Kirkby Thore CA10 1UT	50.3	65	71.7	Major
15 Rydal Crescent, Penrith CA11 8PJ	48.1	65	65.6	Moderate
3 Hall Park, Warcop CA16 6PQ	48.3	65	71.4	Major
36 Clifford Road, Penrith CA11 8QE	57.5	65	75.6	Major
72 Holme Riggs Avenue, Penrith CA11 8NN	49.7	65	65.1	Moderate
56 Netherend Road, Penrith CA11 8PH	43.6	65	65.2	Moderate
Flitholme Farm, Warcop CA16 6PT	43.6	65	68.6	Moderate
19 Skirsgill Gardens, Penrith CA11 7EP	56.2	65	67.4	Moderate
Brocavum, Brougham CA10 2AA	51.6	65	69.1	Moderate
29 Rydal Crescent, Penrith CA11 8PL	47.2	65	66.3	Moderate
Newholme, Cross End, Kirkby Thore CA10 1XN	59.2	65	66.1	Moderate
6 Sandersons Croft, Kirkby Thore CA10 1XT	51.0	65	65.2	Moderate
5 Porthouse Road, Penrith CA11 8QB	50.4	65	66.5	Moderate
4 Clifford Court, Penrith CA11 8PX	50.1	65	67.0	Moderate
67 Holme Riggs Avenue, Penrith CA11 8NN	50.2	65	66.6	Moderate



Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
8 Skirsgill Gardens, Penrith CA11 7EP	51.2	65	68.0	Moderate
8 Thirlmere Park, Penrith CA11 8QS	56.8	65	70.9	Major
51 Pategill Park, Penrith CA11 8JX	47.2	65	67.1	Moderate
10 Eamont Mews, Penrith CA11 8UB	45.7	65	65.1	Moderate
31 Carleton Hall Walk, Penrith CA10 2AJ	51.1	65	69.5	Moderate
1 Helvellyn Court, Penrith CA11 8PZ	49.6	65	67.2	Moderate
66 Netherend Road, Penrith CA11 8PH	46.0	65	65.7	Moderate
Winderwath Farm, Temple Sowerby CA10 2AW	55.5	65	73.9	Major
19 Pategill Park, Penrith CA11 8JX	61.7	65	78.0	Major
1 Tynefield Drive, Penrith CA11 8JA	48.3	65	65.9	Moderate
29 Netherend Road, Penrith CA11 8PH	46.2	65	65.1	Moderate
5 Southwaite Green Mill, Eamont Bridge CA10 2FB	59.5	65	67.2	Moderate
70 Clifford Road, Penrith CA11 8PT	55.1	65	68.3	Moderate
Walk Mill, Warcop CA16 6NP	55.8	65	72.6	Major
2 Skirsgill Cottages, Skirsgill Lane, Penrith CA10 2BG	52.9	65	71.5	Major
41 Clifford Road, Penrith CA11 8PP	58.0	65	74.2	Major
12 Pearson Court, Penrith CA11 8QA	49.0	65	66.7	Moderate
Hayloft Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	49.2	65	66.2	Moderate
Ivy Cottage, Cross Lanes, Barnard Castle DL12 9RT	54.3	65	69.6	Moderate
30 Sandersons Croft, Kirkby Thore CA10 1XT	44.5	65	65.6	Moderate
9 Rydal Crescent, Penrith CA11 8PJ	47.3	65	65.3	Moderate
4 Pategill Park, Penrith CA11 8JX	52.6	65	69.6	Moderate
17 Carleton Hall Gardens, Penrith CA10 2AL	52.0	65	69.8	Moderate
15 Pategill Park, Penrith CA11 8JX	60.6	65	77.5	Major
1 Clifford Court, Penrith CA11 8PX	51.9	65	67.2	Moderate
Snuff Cottage, Skirsgill Lane, Penrith CA10 2BQ	49.0	65	66.9	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	74.9	Major
90 Pategill Road, Penrith CA11 8JS	47.9	65	66.2	Moderate
Whinfell House, Brougham CA10 2AF	54.8	65	65.9	Moderate
9 Skirsgill Close, Penrith CA11 8QF	52.9	65	71.6	Major
66 Clifford Road, Penrith CA11 8PS	55.1	65	68.1	Moderate
Bowes Hall, Road Leading To Bowes Hall, Bowes DL12 9HU	49.8	65	67.7	Moderate
Watersedge, Eamont Bridge CA10 2FD	60.5	65	69.8	Moderate
8 Pategill Park, Penrith CA11 8JX	53.5	65	70.5	Major
16 Thirlmere Park, Penrith CA11 8QS	46.7	65	68.3	Moderate
14 Pategill Park, Penrith CA11 8JX	49.4	65	68.1	Moderate
2 Low Moor Row, Kirkby Thore CA10 1XG	60.5	65	72.6	Major
33 Netherend Road, Penrith CA11 8PH	46.3	65	65.4	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	71.3	Major
Lowfield Barn, Bowes DL12 9JR	48.6	65	65.8	Moderate
Millstones, Skirsgill Lane, Penrith CA10 2BQ	52.9	65	69.8	Moderate
2 Bridge Lane, Penrith CA11 8GT	47.1	65	65.2	Moderate
3 Porthouse Road, Penrith CA11 8QB	50.6	65	66.7	Moderate
65 Holme Riggs Avenue, Penrith CA11 8NN	50.7	65	66.7	Moderate
4 Pearson Court, Penrith CA11 8QA	47.9	65	66.9	Moderate
39 Clifford Road, Penrith CA11 8PP	58.5	65	74.1	Major
3 Rydal Court, Penrith CA11 8PN	47.9	65	65.8	Moderate
1 Pearson Court, Penrith CA11 8QA	44.2	65	66.5	Moderate
25 Pategill Park, Penrith CA11 8JX	59.4	65	76.3	Major
Ivy Dene, Bowes DL12 9HL	48.8	65	67.0	Moderate
11 Clifford Court, Penrith CA11 8PX	59.2	65	68.5	Moderate
29 Pategill Park, Penrith CA11 8JX	58.4	65	75.5	Major
15 Skirsgill Gardens, Penrith CA11 7EP	63.1	70	71.2	Moderate
Cherry Tree House, Brough CA17 4DS	55.0	65	66.3	Moderate
2 Helvellyn Court, Penrith CA11 8PZ	48.4	65	67.1	Moderate
4 Carleton Hall Road, Penrith CA10 2AX	45.7	65	70.3	Major
7 Skirsgill Gardens, Penrith CA11 7EP	51.3	65	67.3	Moderate
9 Tynefield Drive, Penrith CA11 8JA	47.7	65	66.3	Moderate
1 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	71.9	Major
24 Skirsgill Gardens, Penrith CA11 7EP	54.5	65	72.3	Major
12 Carleton Hall Gardens, Penrith CA10 2AL	58.9	65	75.5	Major
3 Eamont Terrace, Redhills CA11 0DS	53.9	65	71.0	Major
11 Pearson Court, Penrith CA11 8QA	50.4	65	68.0	Moderate
33 Rydal Crescent, Penrith CA11 8PL	47.7	65	66.6	Moderate
9 Skirsgill Gardens, Penrith CA11 7EP	51.3	65	68.3	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	77.0	Major
Iona, Skirsgill Lane, Penrith CA10 2BQ	50.2	65	65.1	Moderate
1 Skirsgill Cottages, Skirsgill Lane, Penrith CA10 2BG	55.4	65	70.3	Major
1 Whinfell House, Brougham CA10 2AF	57.8	65	68.2	Moderate
7 Rydal Crescent, Penrith CA11 8PJ	47.5	65	65.2	Moderate
8 Clifford Road, Penrith CA11 8PP	54.0	65	67.4	Moderate
4 Whinfell Park Cottages, Brougham CA10 2AD	56.2	65	78.4	Major
1 Southwaite Green Mill House, Eamont Bridge CA10 2AY	62.3	65	67.2	Moderate
3 Eamont Mews, Penrith CA11 8UB	39.6	65	65.5	Moderate
63 Clifford Road, Penrith CA11 8PT	56.4	65	74.2	Major
1 Blencathra Court, Penrith CA11 8PY	59.8	65	70.9	Major

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Annums Barn, Annums Farm Road, Bowes DL12 9LG	53.2	65	67.1	Moderate
76 Clifford Road, Penrith CA11 8PT	56.1	65	68.5	Moderate
150 Pategill Road, Penrith CA11 8GY	52.7	65	71.8	Major
45b, Pategill Park, Penrith CA11 8JX	51.2	65	69.3	Moderate
5 Dunfell View, Kirkby Thore CA10 1UT	52.0	65	70.6	Major
Lyngarth, Bowes DL12 9HH	50.3	65	65.5	Moderate
Mill End, Skirsgill Lane, Penrith CA10 2BQ	50.2	65	68.2	Moderate
36 Clifford Road, Penrith CA11 8PR	47.3	65	67.1	Moderate
5 Thirlmere Park, Penrith CA11 8QS	57.8	65	72.2	Major
School House, Brougham CA10 2AE	65.8	70	74.2	Moderate
8 Eamont Mews, Penrith CA11 8UB	45.6	65	65.1	Moderate
4 Huntley Court, Penrith CA11 8NW	50.4	65	66.9	Moderate
124 Pategill Road, Penrith CA11 8JS	50.8	65	69.7	Moderate
11 Porthouse Road, Penrith CA11 8QB	50.3	65	67.1	Moderate
Mayburgh View, Skirsgill Lane, Penrith CA10 2BQ	51.0	65	67.4	Moderate
32 Clifford Road, Penrith CA11 8QE	57.3	65	75.6	Major
63 Holme Riggs Avenue, Penrith CA11 8NN	48.4	65	65.3	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	75.8	Major
112 Pategill Road, Penrith CA11 8JS	47.5	65	66.5	Moderate
5 Eamont Mews, Penrith CA11 8UB	46.6	65	65.4	Moderate
51 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	70.8	Major
19 Clifford Road, Penrith CA11 8PP	53.3	65	70.8	Major
20 Pategill Park, Penrith CA11 8JX	49.4	65	67.5	Moderate
18 Skirsgill Close, Penrith CA11 8QF	61.3	65	76.4	Major
99 Pategill Road, Penrith CA11 8LH	46.7	65	65.4	Moderate
21 Dunfell View, Kirkby Thore CA10 1UT	45.7	65	66.3	Moderate
Keepers House, Tutta Beck Farm, Tutta Beck, Rokeby DL12 9RY	46.9	65	65.3	Moderate
Ravensworth Lodge, Waitlands Lane, Ravensworth DL11 7HD	66.7	70	76.8	Major
22 Carleton Hall Walk, Penrith CA10 2AJ	46.2	65	65.8	Moderate
27 Rydal Crescent, Penrith CA11 8PL	48.2	65	66.2	Moderate
2 Eamont Terrace, Redhills CA11 0DS	53.5	65	70.8	Major
Street House, Warcop CA16 6NP	63.7	70	73.4	Moderate
16 Dunfell View, Kirkby Thore CA10 1UT	48.5	65	67.5	Moderate
27 Carleton Hall Walk, Penrith CA10 2AJ	52.0	65	70.5	Major
3 Skirsgill Gardens, Penrith CA11 7EP	56.2	65	66.2	Moderate
Hill House, Bowes DL12 9LG	49.5	65	65.7	Moderate
35 Dunfell View, Kirkby Thore CA10 1UT	48.9	65	66.4	Moderate
Smithy Cottage, Cross Lanes, Barnard Castle DL12 9RT	53.6	65	69.4	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
2 Rydal Court, Penrith CA11 8PN	47.8	65	65.8	Moderate
31 Dunfell View, Kirkby Thore CA10 1UT	48.4	65	68.0	Moderate
49 Clifford Road, Penrith CA11 8PS	57.3	65	74.7	Major
20 Thirlmere Park, Penrith CA11 8QS	49.7	65	68.4	Moderate
29 Sandersons Croft, Kirkby Thore CA10 1XT	44.7	65	65.8	Moderate
Thunderstones, Warcop CA16 6PT	52.2	65	71.4	Major
64 Netherend Road, Penrith CA11 8PH	46.0	65	65.7	Moderate
Lowfield Farm, Lowfield Farm Road, Bowes DL12 9JR	47.6	65	65.6	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	78.1	Major
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65	74.4	Major
2 Porthouse Road, Penrith CA11 8QB	50.5	65	66.7	Moderate
Cumbria View, Mile Lane, Redhills CA11 0DR	57.1	65	80.0	Major
12 Rydal Court, Penrith CA11 8PN	51.8	65	67.4	Moderate
5 Tynefield Drive, Penrith CA11 8JA	47.8	65	65.5	Moderate
2 Eamont Mews, Penrith CA11 8UB	46.8	65	65.5	Moderate
120 Pategill Road, Penrith CA11 8JS	49.0	65	68.2	Moderate
Stable Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	48.9	65	66.2	Moderate
9 Thirlmere Park, Penrith CA11 8QS	57.8	65	70.9	Major
20 Clifford Road, Penrith CA11 8PP	52.9	65	67.7	Moderate
Priest Lane, Priest Lane, Temple Sowerby CA10 1ST	52.1	65	66.1	Moderate
Greencroft, Main Street, Middleton Tyas DL10 6PE	56.9	65	69.6	Moderate
11 Pategill Park, Penrith CA11 8JX	56.1	65	74.8	Major
6 Carleton Hall Gardens, Penrith CA10 2AL	47.7	65	67.1	Moderate
7 Porthouse Road, Penrith CA11 8QB	47.7	65	66.5	Moderate
Foxwell Lodge, Scotch Corner To Appleby Trunk Road, East Layton DL11 7PW	67.0	70	84.9	Major
1 Illings View, Temple Sowerby CA10 1ST	60.5	65	66.6	Moderate
7 Helvellyn Court, Penrith CA11 8PZ	48.2	65	67.1	Moderate
17 Thirlmere Park, Penrith CA11 8QS	50.1	65	68.3	Moderate
7 Thirlmere Park, Penrith CA11 8QS	58.1	65	71.7	Major
27 Clifford Road, Penrith CA11 8PP	54.7	65	71.0	Major
13 Clifford Court, Penrith CA11 8PX	58.3	65	68.3	Moderate
6 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	72.9	Major
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	66.5	Moderate
19 Skirsgill Close, Penrith CA11 8QF	58.5	65	76.4	Major
Duncross, Priest Lane, Kirkby Thore CA10 1UU	58.9	65	71.2	Major
33 Clifford Road, Penrith CA11 8PP	55.9	65	71.6	Major
152 Pategill Road, Penrith CA11 8GY	52.5	65	71.4	Major
4 Southwaite Green Cottages, Eamont Bridge CA10 2BY	59.0	65	68.7	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Church View Cottage, Church View, Bowes DL12 9LG	50.9	65	67.2	Moderate
140 Pategill Road, Penrith CA11 8JS	52.8	65	72.1	Major
56 Clifford Road, Penrith CA11 8PR	49.5	65	67.7	Moderate
28 Clifford Road, Penrith CA11 8PP	55.7	65	69.9	Moderate
13 Clifford Road, Penrith CA11 8PP	51.7	65	70.4	Major
37 Rydal Crescent, Penrith CA11 8PL	48.2	65	66.8	Moderate
136 Pategill Road, Penrith CA11 8JS	52.0	65	71.0	Major
2 Blencathra Court, Penrith CA11 8PY	59.9	65	70.8	Major
West View, Brough CA17 4DS	59.3	65	74.5	Major
West End Bungalow, Road Adjacent To West End Garage, Bowes DL12 9LW	55.7	65	74.0	Major
10 Blencathra Court, Penrith CA11 8PY	51.1	65	67.4	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	69.2	Moderate
19 Carleton Hall Gardens, Penrith CA10 2AL	42.2	65	66.5	Moderate
18 Rydal Crescent, Penrith CA11 8PL	47.6	65	66.6	Moderate
72 Clifford Road, Penrith CA11 8PT	55.4	65	67.8	Moderate
4 Clifford Road, Penrith CA11 8PP	53.1	65	66.7	Moderate
118 Pategill Road, Penrith CA11 8JS	48.6	65	67.2	Moderate
14 Thirlmere Park, Penrith CA11 8QS	54.5	65	69.5	Moderate
106 Pategill Road, Penrith CA11 8JS	48.7	65	67.6	Moderate
3 Tynefield Drive, Penrith CA11 8JA	48.3	65	65.6	Moderate
2 South View, Bowes DL12 9LQ	52.0	65	66.0	Moderate
8 Rydal Court, Penrith CA11 8PN	50.3	65	66.4	Moderate
14 Skirsgill Close, Penrith CA11 8QF	55.1	65	72.7	Major
5 Skirsgill Gardens, Penrith CA11 7EP	52.3	65	66.9	Moderate
2 Sandersons Croft, Kirkby Thore CA10 1XT	55.3	65	67.5	Moderate
146 Pategill Road, Penrith CA11 8GY	52.9	65	72.2	Major
21 Skirsgill Gardens, Penrith CA11 7EP	54.1	65	68.2	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	68.2	Moderate
9 Eamont Mews, Penrith CA11 8UB	45.9	65	65.3	Moderate
41 Pategill Park, Penrith CA11 8JX	57.0	65	74.9	Major
2 Lane Ends, Brougham CA10 2AE	54.1	65	67.6	Moderate
58 Sandersons Croft, Kirkby Thore CA10 1XT	40.3	65	68.8	Moderate
11 Skirsgill Gardens, Penrith CA11 7EP	51.5	65	68.3	Moderate
110 Pategill Road, Penrith CA11 8JS	46.5	65	65.7	Moderate
Foxwell Cottage, Scotch Corner To Appleby Trunk Road, East Layton DL11 7PW	64.4	70	79.7	Major
18 Dunfell View, Kirkby Thore CA10 1UT	50.2	65	67.9	Moderate
32 Carleton Hall Walk, Penrith CA10 2AJ	50.8	65	69.3	Moderate
1 Lane Ends, Brougham CA10 2AE	57.6	65	69.2	Moderate

Address	Phase 2d - Earthworks			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
10 Clifford Road, Penrith CA11 8PP	50.9	65	67.6	Moderate
High Wood Holme, Warcop CA16 6PT	42.9	65	71.9	Major
Tack Room Cottage, Road Leading To The Grove, Rokeby DL12 9SA	61.1	65	76.2	Major
25 Carleton Hall Walk, Penrith CA10 2AJ	47.7	65	67.4	Moderate
5 Mary Langley Way, Penrith CA11 8LE	45.8	65	65.8	Moderate
Ivy Hall Farm, Road Adjacent To West End Garage, Bowes DL12 9LL	44.3	65	67.2	Moderate
39 Pategill Park, Penrith CA11 8JX	57.1	65	75.0	Major
6 Clifford Court, Penrith CA11 8PX	50.5	65	67.8	Moderate
12 Clifford Road, Penrith CA11 8QE	55.8	65	75.2	Major
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	68.0	Moderate
5 Skirsgill Close, Penrith CA11 8QF	62.0	65	77.7	Major
13 Pearson Court, Penrith CA11 8QA	49.4	65	66.3	Moderate
15 Clifford Road, Penrith CA11 8PP	52.3	65	70.3	Major
14 Eamont Mews, Penrith CA11 8UB	46.2	65	65.3	Moderate
The Old Rectory, Road Leading To Rokeby Grange, Rokeby DL12 9RY	65.4	70	72.5	Moderate
Myre Keld Farm, Road Leading To Myre Keld Farm, Bowes DL12 9JN	48.8	65	66.4	Moderate
33 Southwaite Green Mill, Eamont Bridge CA10 2FD	59.6	65	70.1	Major
154 Pategill Road, Penrith CA11 8GY	52.3	65	71.3	Major
51 Clifford Road, Penrith CA11 8PS	57.1	65	74.6	Major
138 Pategill Road, Penrith CA11 8JS	52.6	65	72.0	Major
Winter Park Care Home, Winters Park, Penrith CA11 8RG	48.9	65	67.6	Moderate
47 Pategill Park, Penrith CA11 8JX	46.6	65	67.1	Moderate
Laurel Bank, Cross End, Kirkby Thore CA10 1XN	50.5	65	68.4	Moderate
68 Clifford Road, Penrith CA11 8PS	55.5	65	68.2	Moderate
21 Clifford Road, Penrith CA11 8PP	53.9	65	70.2	Major
19 Thirlmere Park, Penrith CA11 8QS	49.9	65	68.5	Moderate
Glebe House, Cross End, Kirkby Thore CA10 1UR	49.3	65	68.3	Moderate
29 Dunfell View, Kirkby Thore CA10 1UT	47.7	65	68.0	Moderate
79 Clifford Road, Penrith CA11 8PU	55.5	65	74.0	Major
19 Dunfell View, Kirkby Thore CA10 1UT	44.7	65	66.2	Moderate
Squirrel House, Carkin Moor Road, East Layton DL11 7PA	46.5	65	66.1	Moderate
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	77.6	Major
83 Clifford Road, Penrith CA11 8PU	55.7	65	74.3	Major
Donaldson Villa, Bowes DL12 9HL	48.3	65	65.7	Moderate
Watersedge, Eamont Bridge CA10 2FD	59.0	65	70.5	Major
Police House, Bowes DL12 9HX	46.9	65	65.1	Moderate
59 Sandersons Croft, Kirkby Thore CA10 1XT	40.3	65	70.2	Major
Low Broomrigg, Warcop CA16 6PT	51.0	65	70.7	Major

Address	Phase 2d - Earthworks			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
11 Kemplay Foot, Eamont Bridge CA10 2BD	52.9	65	65.7	Moderate
9 Blencathra Court, Penrith CA11 8PY	52.3	65	70.1	Major
21 Thirlmere Park, Penrith CA11 8QS	48.9	65	68.2	Moderate
5 Clifford Road, Penrith CA11 8PW	51.5	65	69.7	Moderate
30 Carleton Hall Walk, Penrith CA10 2AJ	51.4	65	70.2	Major
1 Thirlmere Park, Penrith CA11 8QS	57.8	65	73.3	Major
15 Thirlmere Park, Penrith CA11 8QS	45.7	65	68.5	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	75.0	Major
42 Clifford Road, Penrith CA11 8PR	48.7	65	66.9	Moderate
73 Clifford Road, Penrith CA11 8PU	55.8	65	73.7	Major
25 Dunfell View, Kirkby Thore CA10 1UT	45.6	65	66.8	Moderate
9 Helvellyn Court, Penrith CA11 8PZ	47.7	65	66.8	Moderate
1 Carleton Hall Road, Penrith CA10 2AX	57.2	65	75.2	Major
26 Clifford Road, Penrith CA11 8PP	55.3	65	68.8	Moderate
Rose Cottage, Skirsgill Business Park, Penrith CA11 0FA	53.8	65	74.6	Major
2 Clifford Court, Penrith CA11 8PX	50.7	65	67.1	Moderate
144 Pategill Road, Penrith CA11 8JS	52.9	65	72.3	Major
Foxgloves, Brougham CA10 2AB	58.7	65	80.9	Major
3 Skirsgill Close, Penrith CA11 8QF	62.6	70	80.7	Major
104 Pategill Road, Penrith CA11 8JS	46.6	65	65.9	Moderate
7 Huntley Court, Penrith CA11 8NW	50.6	65	67.1	Moderate
4 Bridge Lane, Penrith CA11 8GT	50.2	65	67.2	Moderate
Lowfield Lodge, Lowfield Farm Road, Bowes DL12 9JR	47.7	65	65.8	Moderate
4 Blencathra Court, Penrith CA11 8PY	60.9	65	69.8	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	79.8	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	87.3	Major
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	91.7	Major
Elm Cottage, , Warcop CA16 6PT	50.8	65	65.4	Moderate

Table 6: Predicted construction noise levels - phase 2e - Road Construction

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Birbeck Medical Practice, Penrith Health Centre, Bridge Lane, Penrith CA11 8HW	60.6	65	75.3	Major
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	78.5	Major
Elm Cottage, Warcop CA16 6PT	43.7	65	67.1	Moderate
Mason Court, Gillan Way, Penrith CA11 9GR	57.4	65	69.1	Moderate
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65	79.3	Major
St Michaels Church, Cross End, Kirkby Thore CA10 1UR	53.2	65	68.2	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Cruck End, Crackenthorpe CA16 6AF	45.4	65	65.9	Moderate
Barn, Kirkby Thore CA10 1XQ	53.0	65	67.0	Moderate
Honeysuckle Cottage, Skirsgill Business Park, Penrith CA11 0FA	59.0	65	72.9	Major
Castle View, Gillan Way, Penrith CA11 9BP	52.9	65	72.7	Major
Bowes And Gilmonby Village Hall, Gilmonby DL12 9HU	54.4	65	66.3	Moderate
Health Spa, Scotch Corner Roundabout, Scotch Corner DL10 6NS	61.1	65	66.0	Moderate
Altham House, Haweswater Road, Penrith CA11 9FJ	56.3	65	67.7	Moderate
Ketland Moor, Coupland Beck CA16 6LN	68.3	75	77.8	Moderate
Unit F, Skirsgill Business Park, Penrith CA11 0FA	53.9	65	66.8	Moderate
4 The Green, Penrith CA10 2BA	57.9	65	70.0	Major
Burger King, Scotch Corner Pavilion, Middleton Tyas Lane, Middleton Tyas DL10 6PQ	62.3	65	73.6	Major
Office And Weighbridge, Lowfield Grange, Lowfield Farm Road, Bowes DL12 9JR	48.2	65	67.3	Moderate
Builders Merchants, Ullswater Road, Penrith CA11 7EH	58.9	65	66.6	Moderate
Dyke Nook, Sandford CA16 6NS	53.4	65	72.6	Major
The Old School, The Street, Rokeby DL12 9RY	69.5	75	80.4	Major
Unicorn Cottage 1, The Ancient Unicorn, Bowes DL12 9HL	49.7	65	68.9	Moderate
Apple Tree Barn, West View Farm, Brough CA17 4DS	65.1	70	76.2	Major
Low Broats, The Street, Bowes DL12 9JP	55.3	65	83.0	Major
Mason Court, Gillan Way, Penrith CA11 9GR	61.6	65	70.4	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	81.4	Major
Mason Court, Gillan Way, Penrith CA11 9GR	56.6	65	68.7	Moderate
Unit 19, Skirsgill Business Park, Penrith CA11 0FD	57.4	65	70.9	Major
North Lakes Hotel And Spa, Ullswater Road, Penrith CA11 8QT	60.7	65	75.6	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.3	70	77.5	Major
12 The Green, Penrith CA10 2BA	53.4	65	68.4	Moderate
B And M, Bridge Lane, Penrith CA11 8JB	57.3	65	65.8	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.5	70	78.5	Major
St Marys Church, The Street, Rokeby DL12 9RY	59.7	65	71.1	Major
Graphite House, Ullswater Road Business Park, Ullswater Road, Penrith CA11 7EH	52.9	65	65.4	Moderate
Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	58.3	65	78.4	Major
11 The Green, Penrith CA10 2BA	53.6	65	69.5	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	61.5	65	72.7	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	55.5	65	66.1	Moderate
Fieldrose House, Bridge Lane, Penrith CA11 8JB	60.2	65	75.4	Major
Unit, Enterprise House, Gillan Way, Penrith CA11 9BP	64.3	70	73.0	Moderate
Unit A, Skirsgill Business Park, Penrith CA11 0FA	52.9	65	66.5	Moderate
The Post Office, Bowes DL12 9HN	58.8	65	66.9	Moderate
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	68.0	Moderate



Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Cross Lanes Organic Farm Shop Cross Lanes Farm, Cross Lanes, Barnard Castle DL12 9RT	65.5	70	82.5	Major
Lords House, Brougham CA10 2AB	63.2	70	81.6	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	79.5	Major
Mason Court, Gillan Way, Penrith CA11 9GR	62.8	70	72.2	Moderate
Bowes Hutchinson Church Of England Primary School, Bowes DL12 9LG	50.0	65	66.9	Moderate
Signal House, Gillan Way, Penrith CA11 9BP	64.2	70	72.0	Moderate
Ghyll Mount, Gillan Way, Penrith CA11 9BP	64.9	70	75.0	Major
Carpenters Barn, Brougham CA10 2AF	52.6	65	65.3	Moderate
Holiday Cottage, Ivy Hall Farm, Road Adjacent To West End Garage, Bowes DL12 9LL	54.4	65	67.5	Moderate
Unit 24-25, Skirsgill Business Park, Penrith CA11 0FD	65.3	70	76.7	Major
Unit 1, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	57.6	65	71.1	Major
Office, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	56.8	65	71.7	Major
Bowes Pre-School, Bowes Hutchinson Ce School, Bowes DL12 9LG	53.1	65	67.1	Moderate
Unit 9, Skirsgill Business Park, Penrith CA11 0FD	54.6	65	68.9	Moderate
Woodbine House, Bowes DL12 9HL	49.7	65	68.2	Moderate
Warriner House, Carkin Moor Road, East Layton DL11 7PA	49.4	65	68.5	Moderate
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	73.2	Major
Powis House, Long Marton CA16 6AQ	47.4	65	69.9	Moderate
Old Rectory, Cross End, Kirkby Thore CA10 1UR	51.9	65	73.5	Major
Annums Villa, Bowes DL12 9LG	49.2	65	65.9	Moderate
1 Moor View, Bowes DL12 9HJ	50.0	65	68.0	Moderate
6 Skirsgill Close, Penrith CA11 8QF	55.4	65	65.6	Moderate
Croft House, Crackenthorpe CA16 6AF	44.5	65	71.8	Major
14 Clifford Road, Penrith CA11 8QE	57.1	65	70.3	Major
27 Pategill Park, Penrith CA11 8JX	58.7	65	71.1	Major
1 Hall Park, Warcop CA16 6PQ	50.0	65	72.7	Major
Belle Vue, The Street, Boldron DL12 9SR	50.0	65	66.3	Moderate
116 Pategill Road, Penrith CA11 8JS	50.4	65	67.5	Moderate
8 Skirsgill Close, Penrith CA11 8QF	53.2	65	65.7	Moderate
Prospect House, Bowes DL12 9LG	51.4	65	66.2	Moderate
13 Skirsgill Close, Penrith CA11 8QF	54.2	65	67.4	Moderate
22 Clifford Road, Penrith CA11 8QE	57.5	65	70.8	Major
11 Carleton Hall Gardens, Penrith CA10 2AL	61.2	65	69.4	Moderate
New Bungalow, Kirkby Thore CA10 1XQ	67.2	70	72.6	Moderate
20 Sandersons Croft, Kirkby Thore CA10 1XT	45.0	65	66.3	Moderate
57 Clifford Road, Penrith CA11 8PT	56.7	65	69.2	Moderate
67 Clifford Road, Penrith CA11 8PT	56.0	65	69.1	Moderate
Ivy House Farm, Crackenthorpe CA16 6AF	48.0	65	66.6	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Wheatsheaf Cottage, Warcop CA16 6NP	51.9	65	78.4	Major
60 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	67.9	Moderate
Whinfall Park, Brougham CA10 2AD	52.0	65	73.6	Major
18 Clifford Road, Penrith CA11 8QE	57.4	65	70.5	Major
Orchard Close, Middleton Tyas Lane, Middleton Tyas DL10 6PE	57.3	65	68.4	Moderate
Dyke Nook Cottage, Sandford CA16 6NS	58.3	65	73.8	Major
Station House, Warcop On The C3070 To The A66t, Warcop CA16 6PR	49.2	65	68.7	Moderate
4 Swyneghyll, Temple Sowerby CA10 2AW	53.0	65	68.2	Moderate
77 Clifford Road, Penrith CA11 8PU	55.7	65	69.0	Moderate
2 Ashton Leigh Cottages, Cross End, Kirkby Thore CA10 1XX	52.7	65	65.4	Moderate
4 The Stack Yard, Crackenthorpe CA16 6AB	52.0	65	65.3	Moderate
3 Swyneghyll, Temple Sowerby CA10 2AW	52.5	65	67.8	Moderate
2 Moor View, Bowes DL12 9HJ	50.0	65	69.0	Moderate
92 Pategill Road, Penrith CA11 8JS	49.2	65	65.5	Moderate
Lyndale House, Bowes DL12 9HL	53.0	65	72.7	Major
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	50.0	65	68.4	Moderate
68 Sandersons Croft, Kirkby Thore CA10 1XT	53.3	65	67.2	Moderate
2 Dunfell View, Kirkby Thore CA10 1UT	55.6	65	76.7	Major
55 Clifford Road, Penrith CA11 8PS	56.9	65	69.2	Moderate
High Barn, Brougham CA10 2AE	57.8	65	76.6	Major
134 Pategill Road, Penrith CA11 8JS	50.8	65	66.7	Moderate
Hall Park House, Warcop CA16 6PQ	48.6	65	71.5	Major
Halefield Farm, Kirkby Thore CA10 1XS	41.9	65	65.5	Moderate
31 Pategill Park, Penrith CA11 8JX	58.1	65	71.1	Major
17 Clifford Road, Penrith CA11 8PP	52.1	65	66.1	Moderate
8 Carleton Hall Gardens, Penrith CA10 2AL	49.1	65	65.3	Moderate
Roman Vale, Back Lane, Long Marton CA16 6AQ	43.4	65	65.7	Moderate
7 Skirsgill Close, Penrith CA11 8QF	54.1	65	67.8	Moderate
Poppy House, Crackenthorpe CA16 6AF	45.9	65	66.6	Moderate
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	72.4	Major
37 Pategill Park, Penrith CA11 8JX	57.5	65	71.0	Major
3 Thirlmere Park, Penrith CA11 8QS	60.8	65	68.7	Moderate
Pennine View, Fell Lane, Kirkby Thore CA10 1XN	55.7	65	65.3	Moderate
Greythorne, Kirkby Thore CA10 1XQ	61.4	65	74.8	Major
20 Skirsgill Close, Penrith CA11 8QF	58.8	65	71.5	Major
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	72.5	Major
Kirkdale, Dyke Nook, Sandford CA16 6NS	54.4	65	73.3	Major
37 Dunfell View, Kirkby Thore CA10 1UT	55.5	65	72.6	Major

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
3 Dunfell View, Kirkby Thore CA10 1UT	56.0	65	74.5	Major
Managers Flat, The Ancient Unicorn, Bowes DL12 9HL	47.7	65	67.2	Moderate
3 Low Moor Row, Kirkby Thore CA10 1XG	58.0	65	72.1	Major
Halefield Bungalow, Kirkby Thore CA10 1XS	38.3	65	67.6	Moderate
The Grove, Bowes DL12 9HL	47.7	65	66.1	Moderate
4 Low Moor Row, Kirkby Thore CA10 1XG	56.8	65	71.9	Major
35 Clifford Road, Penrith CA11 8PP	53.8	65	65.3	Moderate
27 Sandersons Croft, Kirkby Thore CA10 1XT	44.8	65	66.4	Moderate
3 Moor View, Bowes DL12 9HJ	49.0	65	66.7	Moderate
4 Thirlmere Park, Penrith CA11 8QS	59.2	65	68.5	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	72.3	Major
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	72.4	Major
6 Thirlmere Park, Penrith CA11 8QS	57.6	65	67.2	Moderate
1 Sandersons Croft, Kirkby Thore CA10 1XT	51.3	65	68.1	Moderate
43 Clifford Road, Penrith CA11 8PP	57.5	65	69.3	Moderate
2 Carleton Hall Road, Penrith CA10 2AX	57.5	65	70.7	Major
1 Maurice Close, Bowes DL12 9HD	54.2	65	66.1	Moderate
The Warren, Main Street, Brough CA17 4DS	53.3	65	66.4	Moderate
4 South View, Bowes DL12 9LQ	52.2	65	66.7	Moderate
148 Pategill Road, Penrith CA11 8GY	53.1	65	68.9	Moderate
4 Pategill Walk, Penrith CA11 8JY	53.1	65	69.3	Moderate
132 Pategill Road, Penrith CA11 8JS	49.2	65	66.1	Moderate
50 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	66.7	Moderate
14 Carleton Hall Gardens, Penrith CA10 2AL	52.8	65	67.1	Moderate
Platts, Sandford CA16 6NR	48.9	65	69.7	Moderate
Unicorn West, Bowes DL12 9HL	47.7	65	67.5	Moderate
1 Pategill Walk, Penrith CA11 8JY	52.5	65	68.6	Moderate
4 Low Road, Bowes DL12 9JU	47.3	65	65.8	Moderate
2 Low Road, Bowes DL12 9JU	47.6	65	65.9	Moderate
122 Pategill Road, Penrith CA11 8JS	49.6	65	65.2	Moderate
12 Thirlmere Park, Penrith CA11 8QS	60.3	65	65.1	Moderate
Alandale, Main Street, Kirkby Thore CA10 1UE	59.1	65	65.7	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	71.7	Major
Monks Rest Farm, Moor Lane, East Layton DL11 7PL	49.4	65	78.0	Major
Stagecoach Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	66.6	70	71.6	Moderate
5 Low Moor Row, Kirkby Thore CA10 1XG	53.4	65	66.5	Moderate
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	73.0	Major
27 Dunfell View, Kirkby Thore CA10 1UT	46.9	65	67.7	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
10 Carleton Hall Gardens, Penrith CA10 2AL	59.4	65	68.4	Moderate
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	70.9	Major
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	69.1	Moderate
9 Carleton Hall Gardens, Penrith CA10 2AL	50.5	65	65.2	Moderate
Fell View, Sleastonhow Lane, Kirkby Thore CA10 1XP	44.5	65	65.3	Moderate
Holme Lea, Bowes DL12 9HN	58.7	65	65.8	Moderate
67 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	69.0	Moderate
Dacre House, Warcop On The C3070 To The A66t, Warcop CA16 6PR	50.1	65	69.0	Moderate
East Byre, Bowes DL12 9HU	49.7	65	69.3	Moderate
Plane Tree House, Bowes DL12 9HL	48.7	65	68.0	Moderate
5 Carleton Hall Road, Penrith CA10 2AX	61.8	65	71.9	Major
The Grove, Road Leading To The Grove, Rokeby DL12 9SA	60.6	65	71.4	Major
West Byre, Bowes DL12 9HU	50.4	65	69.6	Moderate
Holme Farm, Crackenthorpe CA16 6AF	46.8	65	65.2	Moderate
33 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	70.5	Major
Hall Farm House, Crackenthorpe CA16 6AF	47.9	65	70.7	Major
49 Pategill Park, Penrith CA11 8JX	49.7	65	65.5	Moderate
2 Clifford Road, Penrith CA11 8QE	56.4	65	70.2	Major
32 Sandersons Croft, Kirkby Thore CA10 1XT	39.6	65	65.5	Moderate
Tutta Beck Cottage, Tutta Beck, Rokeby DL12 9RY	47.1	65	88.2	Major
Caravan, Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	67.1	70	76.3	Major
17 Skirsgill Close, Penrith CA11 8QF	61.8	65	70.1	Major
11 Townhead Garth, Kirkby Thore CA10 1UN	41.7	65	68.3	Moderate
23 Clifford Road, Penrith CA11 8PP	54.5	65	66.4	Moderate
5 Millerstone Rise, Kirkby Thore CA10 1XH	38.8	65	65.2	Moderate
Unicorn House, Bowes DL12 9HL	47.2	65	66.2	Moderate
Spittals Farm, Kirkby Thore CA10 1XQ	59.0	65	72.7	Major
14 Skirsgill Gardens, Penrith CA11 7EP	60.8	65	67.0	Moderate
81 Clifford Road, Penrith CA11 8PU	56.0	65	69.1	Moderate
1 Low Road, Bowes DL12 9JU	47.6	65	66.1	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	77.4	Major
Annums Villa, Bowes DL12 9LG	49.5	65	65.8	Moderate
5 Moor View, Bowes DL12 9HJ	48.9	65	68.6	Moderate
Arden Holme, Warcop CA16 6PT	43.4	65	66.0	Moderate
Broomrigg House, Warcop CA16 6PT	53.0	65	74.5	Major
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	70.1	Major
Foxtower View, Brough CA17 4DS	61.7	65	76.4	Major
3 South View, Bowes DL12 9LQ	52.1	65	66.3	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
16 Townhead Garth, Kirkby Thore CA10 1UN	43.0	65	65.1	Moderate
156 Pategill Road, Penrith CA11 8GY	51.6	65	66.6	Moderate
25 Clifford Road, Penrith CA11 8QE	57.4	65	70.5	Major
29 Carleton Hall Walk, Penrith CA10 2AJ	51.7	65	66.5	Moderate
15 Dunfell View, Kirkby Thore CA10 1UT	45.8	65	66.6	Moderate
23 Pategill Park, Penrith CA11 8JX	60.0	65	71.7	Major
30 Clifford Road, Penrith CA11 8QE	57.3	65	70.2	Major
Heatherdene, Bowes DL12 9HT	49.6	65	69.2	Moderate
37 Clifford Road, Penrith CA11 8PP	58.2	65	69.3	Moderate
14 Townhead Garth, Kirkby Thore CA10 1UN	42.3	65	67.1	Moderate
Dunelm, Broom On The C3004 To The A66t, Long Marton CA16 6AQ	50.7	65	67.6	Moderate
45 Clifford Road, Penrith CA11 8PP	57.5	65	69.4	Moderate
Walk Mill Barn, Warcop CA16 6NP	55.9	65	72.5	Major
34 Carleton Hall Walk, Penrith CA10 2AJ	50.5	65	66.3	Moderate
Croft Cottage, Brough CA17 4DS	59.7	65	82.9	Major
29 Clifford Road, Penrith CA11 8PP	55.1	65	66.6	Moderate
8 Clifford Close, Penrith CA11 8QD	60.1	65	68.4	Moderate
Bowes Cross Farm, The Street, Boldron DL12 9SR	56.0	65	74.3	Major
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	69.8	Moderate
19 Clifford Road, Penrith CA11 8QE	57.5	65	71.0	Major
Church Gate, Cross End, Kirkby Thore CA10 1UR	52.6	65	66.3	Moderate
4 Sandersons Croft, Kirkby Thore CA10 1XT	54.7	65	66.3	Moderate
7 Low Road, Bowes DL12 9JU	46.7	65	65.4	Moderate
Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	68.8	75	77.0	Moderate
24 Clifford Close, Penrith CA11 8QD	54.1	65	66.7	Moderate
Hylton Holme, Warcop On The C3070 To The A66t, Warcop CA16 6PR	49.7	65	68.7	Moderate
Cosy Cottage, Road Leading To Kilmond View, Bowes DL12 9HH	48.9	65	67.8	Moderate
2 Hall Park, Warcop CA16 6PQ	48.6	65	71.7	Major
12 Skirsgill Close, Penrith CA11 8QF	53.5	65	66.2	Moderate
11 Clifford Road, Penrith CA11 8PP	51.6	65	65.7	Moderate
School House, Bowes DL12 9LG	49.7	65	65.6	Moderate
18 Sandersons Croft, Kirkby Thore CA10 1XT	45.4	65	66.0	Moderate
Toll Bar Cottage, Eamont Bridge CA10 2BB	65.8	70	81.2	Major
Rose Villa, Road Leading To Levy Pool, Bowes DL12 9HL	60.0	65	65.4	Moderate
65 Clifford Road, Penrith CA11 8PT	56.3	65	69.4	Moderate
9 Dunfell View, Kirkby Thore CA10 1UT	47.3	65	66.3	Moderate
26 Sandersons Croft, Kirkby Thore CA10 1XT	44.8	65	66.4	Moderate
4 Lane Ends, Brougham CA10 2AE	51.7	65	68.3	Moderate

Address	Phase 2e - Capping/Subbase			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	73.2	Major
25 Clifford Road, Penrith CA11 8PP	54.5	65	66.3	Moderate
6 Blencathra Court, Penrith CA11 8PY	55.1	65	65.2	Moderate
13 Carleton Hall Gardens, Penrith CA10 2AL	56.0	65	69.3	Moderate
114 Pategill Road, Penrith CA11 8JS	49.2	65	65.1	Moderate
The Granary, West End Farm, Bowes DL12 9LH	58.3	65	65.2	Moderate
Colby Laithes, Colby CA16 6BA	53.9	65	69.7	Moderate
Stone Bridge Farm, Bowes DL12 9JS	55.8	65	77.6	Major
Grey Horse Stables, Brough CA17 4DS	56.0	65	76.4	Major
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	55.7	65	75.0	Major
12 Dunfell View, Kirkby Thore CA10 1UT	42.1	65	68.1	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	80.7	Major
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	72.5	Major
26 Skirsgill Gardens, Penrith CA11 7EP	59.5	65	70.3	Major
1 Whinell Park Cottages, Brougham CA10 2AD	53.2	65	76.2	Major
16 Skirsgill Close, Penrith CA11 8QF	59.8	65	67.9	Moderate
15 Skirsgill Close, Penrith CA11 8QF	58.3	65	68.0	Moderate
6 Pategill Walk, Penrith CA11 8JY	53.4	65	69.5	Moderate
3 Townhead Garth, Kirkby Thore CA10 1UN	46.5	65	65.1	Moderate
1 Skirsgill Close, Penrith CA11 8QF	56.2	65	71.6	Major
75 Clifford Road, Penrith CA11 8PU	55.4	65	68.1	Moderate
5 Sandersons Croft, Kirkby Thore CA10 1XT	54.5	65	66.2	Moderate
2 Skirsgill Close, Penrith CA11 8QF	61.9	65	74.7	Major
9 Clifford Road, Penrith CA11 8QE	56.6	65	69.7	Moderate
Poundergill, Rutherford Lane, Brignall DL12 9SS	57.8	65	68.5	Moderate
43a, Pategill Park, Penrith CA11 8JX	56.2	65	70.9	Major
Black Lodge Farm, Bowes DL12 9JN	49.0	65	66.1	Moderate
Bankfoot, Eamont Terrace, Redhills CA11 0DS	61.7	65	65.1	Moderate
Lower Woodside, Brougham CA10 2AP	52.5	65	65.5	Moderate
108 Pategill Road, Penrith CA11 8JS	50.1	65	66.4	Moderate
Toddygill Hall, Warcop CA16 6PS	53.7	65	67.3	Moderate
Swallows Nest, Crackenthorpe CA16 6AF	44.6	65	65.7	Moderate
School House, The Street, Rokeby DL12 9RY	58.8	65	70.5	Major
1 Swyneghyll, Temple Sowerby CA10 2AW	51.1	65	65.7	Moderate
Fell View, Kirkby Thore CA10 1XQ	65.8	70	76.1	Major
31 Sandersons Croft, Kirkby Thore CA10 1XT	39.2	65	65.2	Moderate
3 Sandersons Croft, Kirkby Thore CA10 1XT	55.1	65	66.5	Moderate
4 Skirsgill Close, Penrith CA11 8QF	63.8	70	74.8	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Cleveland View, Road Leading To Kilmond View, Bowes DL12 9HH	52.8	65	72.7	Major
61 Clifford Road, Penrith CA11 8PT	56.3	65	69.3	Moderate
Mains House, Brough CA17 4DS	50.4	65	68.4	Moderate
The Cottage, Cross Lanes, Barnard Castle DL12 9SL	50.8	65	68.7	Moderate
Jenny Garth, Fell Lane, Kirkby Thore CA10 1XN	61.1	65	67.1	Moderate
14 Dunfell View, Kirkby Thore CA10 1UT	51.7	65	68.7	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	72.7	Major
5 Clifford Road, Penrith CA11 8QE	56.5	65	70.5	Major
35 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	71.1	Major
6 The Stack Yard, Crackenthorpe CA16 6AB	48.3	65	67.1	Moderate
7 Clifford Road, Penrith CA11 8PP	51.6	65	65.3	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65	74.2	Major
Dodds Barn, Temple Sowerby CA10 2AW	55.5	65	75.6	Major
17 Sandersons Croft, Kirkby Thore CA10 1XT	45.2	65	65.4	Moderate
2 Midland View, Fell Lane, Kirkby Thore CA10 1XP	53.1	65	67.4	Moderate
Rose Cottage, Bowes DL12 9HT	51.5	65	68.3	Moderate
The Swallows, Warcop CA16 6PT	43.3	65	65.3	Moderate
Staff Accommodation, Penrith Hospital, Bridge Lane, Penrith CA11 8HX	55.1	65	74.9	Major
21 Skirsgill Close, Penrith CA11 8QF	60.6	65	72.9	Major
35 Pategill Park, Penrith CA11 8JX	57.7	65	71.0	Major
Dinglefield, Moor Lane, Brougham CA10 2DF	51.8	65	68.0	Moderate
33 Pategill Park, Penrith CA11 8JX	57.9	65	71.0	Major
High Bank End, Coupland Beck CA16 6LN	46.4	65	65.5	Moderate
2 Whinfell House, Brougham CA10 2AF	57.9	65	70.3	Major
Winthorn, Cross End, Kirkby Thore CA10 1XP	51.7	65	72.3	Major
Skirsgill Lodge, Redhills Lane, Redhills CA11 0DT	65.3	70	75.1	Major
25 Skirsgill Gardens, Penrith CA11 7EP	56.7	65	68.9	Moderate
5 Townhead Garth, Kirkby Thore CA10 1UN	45.3	65	65.9	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	76.0	Major
3 Carleton Hall Road, Penrith CA10 2AX	58.3	65	71.1	Major
69 Clifford Road, Penrith CA11 8PT	55.8	65	68.4	Moderate
Ivy Hall Cottage, Road Adjacent To West End Garage, Bowes DL12 9LL	50.6	65	71.8	Major
7 Dunfell View, Kirkby Thore CA10 1UT	47.8	65	70.7	Major
3 Pategill Walk, Penrith CA11 8JY	52.7	65	68.8	Moderate
Donaldson House, Bowes DL12 9HL	47.2	65	67.4	Moderate
Eastfieldgate, Warcop On The C3070 To The A66t, Warcop CA16 6PS	55.6	65	68.5	Moderate
28 Sandersons Croft, Kirkby Thore CA10 1XT	44.9	65	66.4	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	72.5	Major

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
4 Dunfell View, Kirkby Thore CA10 1UT	46.0	65	68.5	Moderate
85 Clifford Road, Penrith CA11 8PU	55.9	65	69.5	Moderate
6 Low Moor Row, Kirkby Thore CA10 1XG	53.3	65	66.3	Moderate
28 Carleton Hall Walk, Penrith CA10 2AJ	52.2	65	66.0	Moderate
Jockey Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	55.1	65	67.6	Moderate
11 Dunfell View, Kirkby Thore CA10 1UT	47.4	65	66.5	Moderate
11a, Dunfell View, Kirkby Thore CA10 1UT	46.2	65	69.8	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	72.8	Major
Well Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	48.1	65	65.6	Moderate
39 Dunfell View, Kirkby Thore CA10 1UT	57.1	65	72.9	Major
2 Thirlmere Park, Penrith CA11 8QS	59.0	65	69.0	Moderate
61 Sandersons Croft, Kirkby Thore CA10 1XT	38.7	65	69.0	Moderate
The Sapling, Bowes DL12 9HL	49.0	65	68.0	Moderate
66 Sandersons Croft, Kirkby Thore CA10 1XT	55.4	65	67.2	Moderate
3 Blencathra Court, Penrith CA11 8PY	60.2	65	65.7	Moderate
142 Pategill Road, Penrith CA11 8JS	52.9	65	69	Moderate
53 Clifford Road, Penrith CA11 8PS	56.9	65	69.1	Moderate
8 Blencathra Court, Penrith CA11 8PY	52.0	65	66.4	Moderate
Annums Farm, Bowes DL12 9LG	49.3	65	67.9	Moderate
21 Pategill Park, Penrith CA11 8JX	61.2	65	72.4	Major
31 Clifford Road, Penrith CA11 8PP	55.4	65	67.1	Moderate
2 Pategill Walk, Penrith CA11 8JY	52.6	65	68.8	Moderate
3 Whinfall Park Cottages, Brougham CA10 2AD	56.0	65	77.2	Major
1 Unicorn Cottage, Bowes DL12 9HL	49.5	65	68.7	Moderate
13 Townhead Garth, Kirkby Thore CA10 1UN	39.6	65	68.0	Moderate
3 Lane Ends, Brougham CA10 2AE	55.0	65	69.9	Moderate
Havelock House, Bowes DL12 9HT	48.0	65	66.7	Moderate
Joelgarth, Crackenthorpe CA16 6AF	48.7	65	77.0	Major
25 Sandersons Croft, Kirkby Thore CA10 1XT	42.0	65	66.4	Moderate
45a, Pategill Park, Penrith CA11 8JX	52.7	65	67.9	Moderate
59 Clifford Road, Penrith CA11 8PT	56.5	65	69.1	Moderate
71 Clifford Road, Penrith CA11 8PU	55.9	65	68.4	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	68.9	Moderate
High Barn, Cross End, Kirkby Thore CA10 1XP	57.1	65	66.6	Moderate
1 Rectory Farm Cottages, Cross End, Kirkby Thore CA10 1UP	54.4	65	65.5	Moderate
9 Townhead Garth, Kirkby Thore CA10 1UN	42.9	65	67.3	Moderate
8 Dunfell View, Kirkby Thore CA10 1UT	50.2	65	72.5	Major
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	72.1	Major



Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
23 Dunfell View, Kirkby Thore CA10 1UT	45.7	65	67.0	Moderate
5 Pategill Walk, Penrith CA11 8JY	53.2	65	69.4	Moderate
Cross House, Bowes DL12 9LG	47.7	65	67.1	Moderate
17 Dunfell View, Kirkby Thore CA10 1UT	45.5	65	67.0	Moderate
Dent House Farm, Road Leading To Dent House Farm, Brignall DL12 9SJ	51.6	65	72.3	Major
10 Dunfell View, Kirkby Thore CA10 1UT	50.3	65	75.4	Major
3 Hall Park, Warcop CA16 6PQ	48.3	65	71.0	Major
36 Clifford Road, Penrith CA11 8QE	57.5	65	70.5	Major
Holme Dyke, 2 Railway Cottages, Bowes DL12 9LJ	52.5	65	65.4	Moderate
Green Rose Cottage, Crackenthorpe CA16 6AF	46.3	65	70.8	Major
Flitholme Farm, Warcop CA16 6PT	43.6	65	68.1	Moderate
Brocavum, Brougham CA10 2AA	51.6	65	69.8	Moderate
Newholme, Cross End, Kirkby Thore CA10 1XN	59.2	65	65.7	Moderate
6 Sandersons Croft, Kirkby Thore CA10 1XT	51.0	65	65.8	Moderate
8 Thirlmere Park, Penrith CA11 8QS	56.8	65	66.1	Moderate
Winderwath Farm, Temple Sowerby CA10 2AW	55.5	65	73.8	Major
1 The Stack Yard, Crackenthorpe CA16 6AB	48.1	65	67.9	Moderate
19 Pategill Park, Penrith CA11 8JX	61.7	65	72.5	Major
Walk Mill, Warcop CA16 6NP	55.8	65	72.5	Major
2 Skirsgill Cottages, Skirsgill Lane, Penrith CA10 2BG	52.9	65	66.3	Moderate
41 Clifford Road, Penrith CA11 8PP	58.0	65	69.8	Moderate
Hayloft Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	49.2	65	65.2	Moderate
Ivy Cottage, Cross Lanes, Barnard Castle DL12 9RT	54.3	65	79.9	Major
30 Sandersons Croft, Kirkby Thore CA10 1XT	44.5	65	66.4	Moderate
Thorpe House, Crackenthorpe CA16 6AF	46.7	65	68.9	Moderate
15 Pategill Park, Penrith CA11 8JX	60.6	65	71.9	Major
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	72.6	Major
3 Low Road, Bowes DL12 9JU	47.5	65	66.3	Moderate
19 Sandersons Croft, Kirkby Thore CA10 1XT	45.2	65	66.1	Moderate
Whinfell House, Brougham CA10 2AF	54.8	65	67.6	Moderate
Bowes Hall, Road Leading To Bowes Hall, Bowes DL12 9HU	49.8	65	69.1	Moderate
8 Pategill Park, Penrith CA11 8JX	53.5	65	65.5	Moderate
2 Low Moor Row, Kirkby Thore CA10 1XG	60.5	65	70.9	Major
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	70.1	Major
Lowfield Barn, Bowes DL12 9JR	48.6	65	65.2	Moderate
12 Townhead Garth, Kirkby Thore CA10 1UN	39.9	65	69.8	Moderate
39 Clifford Road, Penrith CA11 8PP	58.5	65	69.6	Moderate
25 Pategill Park, Penrith CA11 8JX	59.4	65	71.5	Major

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Ivy Dene, Bowes DL12 9HL	48.8	65	68.2	Moderate
29 Pategill Park, Penrith CA11 8JX	58.4	65	71.1	Major
21 Sandersons Croft, Kirkby Thore CA10 1XT	42.7	65	66.2	Moderate
Cherry Tree House, Brough CA17 4DS	55.0	65	65.4	Moderate
1 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	73.2	Major
24 Skirsgill Gardens, Penrith CA11 7EP	54.5	65	67.3	Moderate
12 Carleton Hall Gardens, Penrith CA10 2AL	58.9	65	69.9	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	76.6	Major
1 Skirsgill Cottages, Skirsgill Lane, Penrith CA10 2BG	55.4	65	65.2	Moderate
1 Whinfall House, Brougham CA10 2AF	57.8	65	70.5	Major
4 Whinfall Park Cottages, Brougham CA10 2AD	56.2	65	77.0	Major
63 Clifford Road, Penrith CA11 8PT	56.4	65	69.3	Moderate
1 Blencathra Court, Penrith CA11 8PY	59.8	65	66.2	Moderate
Annums Barn, Annums Farm Road, Bowes DL12 9LG	53.2	65	69.4	Moderate
150 Pategill Road, Penrith CA11 8GY	52.7	65	68.4	Moderate
45b, Pategill Park, Penrith CA11 8JX	51.2	65	66.2	Moderate
10 Townhead Garth, Kirkby Thore CA10 1UN	41.1	65	67.6	Moderate
5 Dunfell View, Kirkby Thore CA10 1UT	52.0	65	71.4	Major
Lyngarth, Bowes DL12 9HH	50.3	65	67.7	Moderate
5 Thirlmere Park, Penrith CA11 8QS	57.8	65	67.3	Moderate
School House, Brougham CA10 2AE	65.8	70	73.1	Moderate
124 Pategill Road, Penrith CA11 8JS	50.8	65	65.8	Moderate
32 Clifford Road, Penrith CA11 8QE	57.3	65	70.2	Major
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	73.8	Major
51 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	69.3	Moderate
19 Clifford Road, Penrith CA11 8PP	53.3	65	66.0	Moderate
18 Skirsgill Close, Penrith CA11 8QF	61.3	65	70.3	Major
21 Dunfell View, Kirkby Thore CA10 1UT	45.7	65	67.4	Moderate
Keepers House, Tutta Beck Farm, Tutta Beck, Rokeby DL12 9RY	46.9	65	83.7	Major
Ravensworth Lodge, Waitlands Lane, Ravensworth DL11 7HD	66.7	70	71.6	Moderate
Street House, Warcop CA16 6NP	63.7	70	73.1	Moderate
16 Dunfell View, Kirkby Thore CA10 1UT	48.5	65	68.3	Moderate
27 Carleton Hall Walk, Penrith CA10 2AJ	52.0	65	65.5	Moderate
Hill House, Bowes DL12 9LG	49.5	65	67.7	Moderate
35 Dunfell View, Kirkby Thore CA10 1UT	48.9	65	66.9	Moderate
Smithy Cottage, Cross Lanes, Barnard Castle DL12 9RT	53.6	65	78.4	Major
Church Gate House, Cross End, Kirkby Thore CA10 1UR	49.2	65	65.5	Moderate
West End Farm, Bowes DL12 9LH	52.1	65	65.4	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
31 Dunfell View, Kirkby Thore CA10 1UT	48.4	65	69.2	Moderate
Field Head, Sleastonhow Lane, Kirkby Thore CA10 1XW	45.3	65	65.5	Moderate
49 Clifford Road, Penrith CA11 8PS	57.3	65	69.1	Moderate
33 Sandersons Croft, Kirkby Thore CA10 1XT	41.8	65	65.9	Moderate
29 Sandersons Croft, Kirkby Thore CA10 1XT	44.7	65	66.4	Moderate
Thunderstones, Warcop CA16 6PT	52.2	65	74.9	Major
Lowfield Farm, Lowfield Farm Road, Bowes DL12 9JR	47.6	65	65.9	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	81.8	Major
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65	75.2	Major
34 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	70.9	Major
Eden Vale, Warcop CA16 6NU	47.4	65	68.0	Moderate
Cumbria View, Mile Lane, Redhills CA11 0DR	57.1	65	72.3	Major
Town End House, Low Road, Bowes DL12 9JU	51.7	65	66.7	Moderate
Stable Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	48.9	65	65.3	Moderate
9 Thirlmere Park, Penrith CA11 8QS	57.8	65	65.9	Moderate
Greencroft, Main Street, Middleton Tyas DL10 6PE	56.9	65	67.1	Moderate
4 Moor View, Bowes DL12 9HJ	47.5	65	66.3	Moderate
11 Pategill Park, Penrith CA11 8JX	56.1	65	70.1	Major
7 Thirlmere Park, Penrith CA11 8QS	58.1	65	67.1	Moderate
27 Clifford Road, Penrith CA11 8PP	54.7	65	66.2	Moderate
6 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	68.4	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	72.5	Major
19 Skirsgill Close, Penrith CA11 8QF	58.5	65	70.3	Major
Duncross, Priest Lane, Kirkby Thore CA10 1UU	58.9	65	70.6	Major
33 Clifford Road, Penrith CA11 8PP	55.9	65	67.2	Moderate
152 Pategill Road, Penrith CA11 8GY	52.5	65	68.1	Moderate
3 Railway Cottages, Bowes DL12 9LJ	52.6	65	65.1	Moderate
Church View Cottage, Church View, Bowes DL12 9LG	50.9	65	69.0	Moderate
140 Pategill Road, Penrith CA11 8JS	52.8	65	69.0	Moderate
13 Clifford Road, Penrith CA11 8PP	51.7	65	65.9	Moderate
136 Pategill Road, Penrith CA11 8JS	52.0	65	68.0	Moderate
2 Blencathra Court, Penrith CA11 8PY	59.9	65	66.0	Moderate
West View, Brough CA17 4DS	59.3	65	71.5	Major
West End Bungalow, Road Adjacent To West End Garage, Bowes DL12 9LW	55.7	65	74.1	Major
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	72.2	Major
Low Woodside, Brougham CA10 2AP	52.2	65	65.5	Moderate
2 South View, Bowes DL12 9LQ	52.0	65	66.6	Moderate
14 Skirsgill Close, Penrith CA11 8QF	55.1	65	66.8	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
2 Sandersons Croft, Kirkby Thore CA10 1XT	55.3	65	66.6	Moderate
146 Pategill Road, Penrith CA11 8GY	52.9	65	69.0	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	72.4	Major
41 Pategill Park, Penrith CA11 8JX	57.0	65	71.2	Major
2 Lane Ends, Brougham CA10 2AE	54.1	65	68.8	Moderate
58 Sandersons Croft, Kirkby Thore CA10 1XT	40.3	65	67.5	Moderate
18 Dunfell View, Kirkby Thore CA10 1UT	50.2	65	67.9	Moderate
1 Lane Ends, Brougham CA10 2AE	57.6	65	70.6	Major
High Wood Holme, Warcop CA16 6PT	42.9	65	71.6	Major
Tack Room Cottage, Road Leading To The Grove, Rokeby DL12 9SA	61.1	65	72.9	Major
Ivy Hall Farm, Road Adjacent To West End Garage, Bowes DL12 9LL	44.3	65	67.4	Moderate
39 Pategill Park, Penrith CA11 8JX	57.1	65	71.2	Major
12 Clifford Road, Penrith CA11 8QE	55.8	65	69.6	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	72.4	Major
5 Skirsgill Close, Penrith CA11 8QF	62.0	65	72.9	Major
15 Clifford Road, Penrith CA11 8PP	52.3	65	65.9	Moderate
The Old Rectory, Road Leading To Rokeby Grange, Rokeby DL12 9RY	65.4	70	73.3	Moderate
Hare Cottage, Sleastonhow Lane, Kirkby Thore CA10 1XW	42.7	65	66.6	Moderate
2 Townhead Cottages, Sleastonhow Lane, Kirkby Thore CA10 1XW	61.2	65	65.1	Moderate
Myre Keld Farm, Road Leading To Myre Keld Farm, Bowes DL12 9JN	48.8	65	65.5	Moderate
7 Townhead Garth, Kirkby Thore CA10 1UN	44.4	65	66.8	Moderate
154 Pategill Road, Penrith CA11 8GY	52.3	65	67.7	Moderate
51 Clifford Road, Penrith CA11 8PS	57.1	65	69.2	Moderate
138 Pategill Road, Penrith CA11 8JS	52.6	65	68.8	Moderate
Laurel Bank, Cross End, Kirkby Thore CA10 1XN	50.5	65	66.6	Moderate
21 Clifford Road, Penrith CA11 8PP	53.9	65	65.3	Moderate
Glebe House, Cross End, Kirkby Thore CA10 1UR	49.3	65	69.6	Moderate
Wheatsheaf Farm, Warcop CA16 6NP	58.6	65	80.7	Major
29 Dunfell View, Kirkby Thore CA10 1UT	47.7	65	69.0	Moderate
79 Clifford Road, Penrith CA11 8PU	55.5	65	68.9	Moderate
19 Dunfell View, Kirkby Thore CA10 1UT	44.7	65	66.9	Moderate
6 Low Road, Bowes DL12 9JU	47.5	65	65.1	Moderate
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	81.3	Major
83 Clifford Road, Penrith CA11 8PU	55.7	65	69.2	Moderate
Donaldson Villa, Bowes DL12 9HL	48.3	65	68.4	Moderate
Watersedge, Eamont Bridge CA10 2FD	59.0	65	65.1	Moderate
Police House, Bowes DL12 9HX	46.9	65	65.8	Moderate
59 Sandersons Croft, Kirkby Thore CA10 1XT	40.3	65	67.8	Moderate

Address	Phase 2e - Capping/Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Low Broomrigg, Warcop CA16 6PT	51.0	65	72.2	Major
9 Blencathra Court, Penrith CA11 8PY	52.3	65	66.0	Moderate
30 Carleton Hall Walk, Penrith CA10 2AJ	51.4	65	66.1	Moderate
1 Thirlmere Park, Penrith CA11 8QS	57.8	65	68.8	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	72.5	Major
73 Clifford Road, Penrith CA11 8PU	55.8	65	68.3	Moderate
25 Dunfell View, Kirkby Thore CA10 1UT	45.6	65	67.3	Moderate
1 Carleton Hall Road, Penrith CA10 2AX	57.2	65	70.5	Major
Rose Cottage, Skirsgill Business Park, Penrith CA11 0FA	53.8	65	67.1	Moderate
144 Pategill Road, Penrith CA11 8JS	52.9	65	69.1	Moderate
Foxgloves, Brougham CA10 2AB	58.7	65	79.7	Major
3 Skirsgill Close, Penrith CA11 8QF	62.6	70	75.8	Major
Lowfield Lodge, Lowfield Farm Road, Bowes DL12 9JR	47.7	65	66.1	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	79.6	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	90.0	Major
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	73.9	Major

Table 7: Predicted construction noise levels - phase 2f - Road Construction

Address	Phase 2f - Pavement/Surfacing			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Birbeck Medical Practice, Penrith Health Centre, Bridge Lane, Penrith CA11 8HW	60.6	65	69.7	Moderate
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	72.8	Major
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65	73.6	Major
Honeysuckle Cottage, Skirsgill Business Park, Penrith CA11 0FA	59.0	65	67.3	Moderate
Castle View, Gillan Way, Penrith CA11 9BP	52.9	65	67.1	Moderate
Burger King, Scotch Corner Pavilion, Middleton Tyas Lane, Middleton Tyas DL10 6PQ	62.3	65	67.9	Moderate
Dyke Nook, Sandford CA16 6NS	53.4	65	67.0	Moderate
Apple Tree Barn, West View Farm, Brough CA17 4DS	65.1	70	70.5	Moderate
Low Broats, The Street, Bowes DL12 9JP	55.3	65	77.4	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	75.7	Major
Unit 19, Skirsgill Business Park, Penrith CA11 0FD	57.4	65	65.2	Moderate
North Lakes Hotel And Spa, Ullswater Road, Penrith CA11 8QT	60.7	65	69.9	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.3	70	71.8	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.5	70	72.9	Moderate
St Marys Church, The Street, Rokeby DL12 9RY	59.7	65	65.4	Moderate
Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	58.3	65	72.8	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	61.5	65	67.0	Moderate
Fieldrose House, Bridge Lane, Penrith CA11 8JB	60.2	65	69.7	Moderate

Address	Phase 2f - Pavement/Surfacing			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Cross Lanes Organic Farm Shop Cross Lanes Farm, Cross Lanes, Barnard Castle DL12 9RT	65.5	70	76.8	Major
Lords House, Brougham CA10 2AB	63.2	70	75.9	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	73.9	Moderate
Unit 24-25, Skirsgill Business Park, Penrith CA11 0FD	65.3	70	71.1	Moderate
Unit 1, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	57.6	65	65.5	Moderate
Office, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	56.8	65	66.0	Moderate
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	67.6	Moderate
Old Rectory, Cross End, Kirkby Thore CA10 1UR	51.9	65	67.8	Moderate
Croft House, Crackenthorpe CA16 6AF	44.5	65	66.1	Moderate
27 Pategill Park, Penrith CA11 8JX	58.7	65	65.4	Moderate
1 Hall Park, Warcop CA16 6PQ	50.0	65	67.1	Moderate
22 Clifford Road, Penrith CA11 8QE	57.5	65	65.2	Moderate
Wheatsheaf Cottage, Warcop CA16 6NP	51.9	65	72.7	Major
Whinfell Park, Brougham CA10 2AD	52.0	65	68.0	Moderate
Dyke Nook Cottage, Sandford CA16 6NS	58.3	65	68.1	Moderate
Lyndale House, Bowes DL12 9HL	53.0	65	67.1	Moderate
2 Dunfell View, Kirkby Thore CA10 1UT	55.6	65	71.0	Major
High Barn, Brougham CA10 2AE	57.8	65	70.9	Major
Hall Park House, Warcop CA16 6PQ	48.6	65	65.8	Moderate
31 Pategill Park, Penrith CA11 8JX	58.1	65	65.4	Moderate
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	66.8	Moderate
37 Pategill Park, Penrith CA11 8JX	57.5	65	65.4	Moderate
Greythorne, Kirkby Thore CA10 1XQ	61.4	65	69.1	Moderate
20 Skirsgill Close, Penrith CA11 8QF	58.8	65	65.8	Moderate
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	66.9	Moderate
Kirkdale, Dyke Nook, Sandford CA16 6NS	54.4	65	67.7	Moderate
37 Dunfell View, Kirkby Thore CA10 1UT	55.5	65	66.9	Moderate
3 Dunfell View, Kirkby Thore CA10 1UT	56.0	65	68.9	Moderate
3 Low Moor Row, Kirkby Thore CA10 1XG	58.0	65	66.5	Moderate
4 Low Moor Row, Kirkby Thore CA10 1XG	56.8	65	66.2	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	66.6	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	66.8	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	66.1	Moderate
Monks Rest Farm, Moor Lane, East Layton DL11 7PL	49.4	65	72.4	Major
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	67.4	Moderate
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	65.3	Moderate
5 Carleton Hall Road, Penrith CA10 2AX	61.8	65	66.2	Moderate
The Grove, Road Leading To The Grove, Rokeby DL12 9SA	60.6	65	65.7	Moderate

Address	Phase 2f - Pavement/Surfacing			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Hall Farm House, Crackenthorpe CA16 6AF	47.9	65	65.1	Moderate
Tutta Beck Cottage, Tutta Beck, Rokeby DL12 9RY	47.1	65	82.5	Major
Caravan, Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	67.1	70	70.7	Moderate
Spittals Farm, Kirkby Thore CA10 1XQ	59.0	65	67.1	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	71.7	Major
Broomrigg House, Warcop CA16 6PT	53.0	65	68.8	Moderate
Foxtower View, Brough CA17 4DS	61.7	65	70.7	Major
23 Pategill Park, Penrith CA11 8JX	60.0	65	66.0	Moderate
Walk Mill Barn, Warcop CA16 6NP	55.9	65	66.8	Moderate
Croft Cottage, Brough CA17 4DS	59.7	65	77.2	Major
Bowes Cross Farm, The Street, Boldron DL12 9SR	56.0	65	68.7	Moderate
19 Clifford Road, Penrith CA11 8QE	57.5	65	65.3	Moderate
2 Hall Park, Warcop CA16 6PQ	48.6	65	66.1	Moderate
Toll Bar Cottage, Eamont Bridge CA10 2BB	65.8	70	75.5	Major
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	67.6	Moderate
Stone Bridge Farm, Bowes DL12 9JS	55.8	65	72.0	Major
Grey Horse Stables, Brough CA17 4DS	56.0	65	70.7	Major
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	55.7	65	69.3	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	75.0	Major
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	66.9	Moderate
1 Whinfell Park Cottages, Brougham CA10 2AD	53.2	65	70.6	Major
1 Skirsgill Close, Penrith CA11 8QF	56.2	65	65.9	Moderate
2 Skirsgill Close, Penrith CA11 8QF	61.9	65	69.0	Moderate
43a, Pategill Park, Penrith CA11 8JX	56.2	65	65.2	Moderate
Fell View, Kirkby Thore CA10 1XQ	65.8	70	70.4	Moderate
Cleveland View, Road Leading To Kilmond View, Bowes DL12 9HH	52.8	65	67.0	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.1	Moderate
35 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	65.4	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65	68.5	Moderate
Dodds Barn, Temple Sowerby CA10 2AW	55.5	65	69.9	Moderate
Staff Accommodation, Penrith Hospital, Bridge Lane, Penrith CA11 8HX	55.1	65	69.2	Moderate
21 Skirsgill Close, Penrith CA11 8QF	60.6	65	67.2	Moderate
35 Pategill Park, Penrith CA11 8JX	57.7	65	65.3	Moderate
33 Pategill Park, Penrith CA11 8JX	57.9	65	65.3	Moderate
Winthorn, Cross End, Kirkby Thore CA10 1XP	51.7	65	66.7	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	70.3	Major
3 Carleton Hall Road, Penrith CA10 2AX	58.3	65	65.4	Moderate
Ivy Hall Cottage, Road Adjacent To West End Garage, Bowes DL12 9LL	50.6	65	66.1	Moderate

Address	Phase 2f - Pavement/Surfacing			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	66.8	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.1	Moderate
39 Dunfell View, Kirkby Thore CA10 1UT	57.1	65	67.3	Moderate
21 Pategill Park, Penrith CA11 8JX	61.2	65	66.8	Moderate
3 Whinfell Park Cottages, Brougham CA10 2AD	56.0	65	71.6	Major
Joelgarth, Crackenthorpe CA16 6AF	48.7	65	71.3	Major
8 Dunfell View, Kirkby Thore CA10 1UT	50.2	65	66.8	Moderate
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	66.5	Moderate
Dent House Farm, Road Leading To Dent House Farm, Brignall DL12 9SJ	51.6	65	66.6	Moderate
10 Dunfell View, Kirkby Thore CA10 1UT	50.3	65	69.7	Moderate
3 Hall Park, Warcop CA16 6PQ	48.3	65	65.3	Moderate
Green Rose Cottage, Crackenthorpe CA16 6AF	46.3	65	65.1	Moderate
Winderwath Farm, Temple Sowerby CA10 2AW	55.5	65	68.2	Moderate
19 Pategill Park, Penrith CA11 8JX	61.7	65	66.8	Moderate
Walk Mill, Warcop CA16 6NP	55.8	65	66.8	Moderate
Ivy Cottage, Cross Lanes, Barnard Castle DL12 9RT	54.3	65	74.2	Major
15 Pategill Park, Penrith CA11 8JX	60.6	65	66.2	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	66.9	Moderate
2 Low Moor Row, Kirkby Thore CA10 1XG	60.5	65	65.2	Moderate
25 Pategill Park, Penrith CA11 8JX	59.4	65	65.8	Moderate
29 Pategill Park, Penrith CA11 8JX	58.4	65	65.4	Moderate
1 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	67.5	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	70.9	Major
4 Whinfell Park Cottages, Brougham CA10 2AD	56.2	65	71.3	Major
5 Dunfell View, Kirkby Thore CA10 1UT	52.0	65	65.8	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	68.2	Moderate
Keepers House, Tutta Beck Farm, Tutta Beck, Rokeby DL12 9RY	46.9	65	78.1	Major
Smithy Cottage, Cross Lanes, Barnard Castle DL12 9RT	53.6	65	72.8	Major
Thunderstones, Warcop CA16 6PT	52.2	65	69.2	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	76.2	Major
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65	69.5	Moderate
34 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	65.2	Moderate
Cumbria View, Mile Lane, Redhills CA11 0DR	57.1	65	66.6	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	66.9	Moderate
West View, Brough CA17 4DS	59.3	65	65.9	Moderate
West End Bungalow, Road Adjacent To West End Garage, Bowes DL12 9LW	55.7	65	68.4	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	66.5	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	66.7	Moderate



Address	Phase 2f - Pavement/Surfacing			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
41 Pategill Park, Penrith CA11 8JX	57.0	65	65.6	Moderate
High Wood Holme, Warcop CA16 6PT	42.9	65	65.9	Moderate
Tack Room Cottage, Road Leading To The Grove, Rokeby DL12 9SA	61.1	65	67.2	Moderate
39 Pategill Park, Penrith CA11 8JX	57.1	65	65.5	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	66.7	Moderate
5 Skirsgill Close, Penrith CA11 8QF	62.0	65	67.3	Moderate
Wheatsheaf Farm, Warcop CA16 6NP	58.6	65	75.0	Major
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	75.6	Major
Low Broomrigg, Warcop CA16 6PT	51.0	65	66.5	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	66.9	Moderate
Foxgloves, Brougham CA10 2AB	58.7	65	74.0	Major
3 Skirsgill Close, Penrith CA11 8QF	62.6	70	70.1	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	74.0	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	84.3	Major
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	68.2	Moderate

Table 8: Predicted construction noise levels - phase 2g - Road Construction

Address	Phase 2g - Road Marking			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Tutta Beck Cottage, Tutta Beck, Rokeby DL12 9RY	47.1	65	67.9	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	69.7	Moderate

Table 9: Predicted construction noise levels - phase 2h - Road Construction

Address	Phase 2h - VRS			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65	65.1	Moderate
Foxgloves, Brougham CA10 2AB	58.7	65	65.8	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	75.8	Major

Table 10: Predicted construction noise levels - phase 2i - Road Construction

Address	Phase 2i - Removal of current road			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Birbeck Medical Practice, Penrith Health Centre, Bridge Lane, Penrith CA11 8HW	60.6	65	70.5	Major
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	75.6	Major
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65	73.7	Major
Honeysuckle Cottage, Skirsgill Business Park, Penrith CA11 0FA	59.0	65	67.3	Moderate
Castle View, Gillan Way, Penrith CA11 9BP	52.9	65	67.1	Moderate
Burger King, Scotch Corner Pavilion, Middleton Tyas Lane, Middleton Tyas DL10 6PQ	62.3	65	67.9	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	75.7	Major
Unit 19, Skirsgill Business Park, Penrith CA11 0FD	57.4	65	65.3	Moderate
North Lakes Hotel And Spa, Ullswater Road, Penrith CA11 8QT	60.7	65	70.0	Major

Address	Phase 2i - Removal of current road			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.3	70	71.8	Moderate
Hobson Court, Gillan Way, Penrith CA11 9GQ	64.5	70	72.9	Moderate
Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	58.3	65	80.6	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	61.5	65	67.1	Moderate
Fieldrose House, Bridge Lane, Penrith CA11 8JB	60.2	65	70.9	Major
Hobson Court, Gillan Way, Penrith CA11 9GQ	63.7	70	73.9	Moderate
Unit 24-25, Skirsgill Business Park, Penrith CA11 0FD	65.3	70	71.1	Moderate
Unit 1, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	57.6	65	65.5	Moderate
Office, Agricultural Hall, Skirsgill Business Park North, Penrith CA11 0DN	56.8	65	66.0	Moderate
Old Rectory, Cross End, Kirkby Thore CA10 1UR	51.9	65	67.5	Moderate
27 Pategill Park, Penrith CA11 8JX	58.7	65	65.1	Moderate
22 Clifford Road, Penrith CA11 8QE	57.5	65	65.2	Moderate
68 Sandersons Croft, Kirkby Thore CA10 1XT	53.3	65	69.3	Moderate
2 Dunfell View, Kirkby Thore CA10 1UT	55.6	65	69.5	Moderate
31 Pategill Park, Penrith CA11 8JX	58.1	65	65.1	Moderate
37 Pategill Park, Penrith CA11 8JX	57.5	65	65.1	Moderate
20 Skirsgill Close, Penrith CA11 8QF	58.8	65	65.9	Moderate
37 Dunfell View, Kirkby Thore CA10 1UT	55.5	65	70.4	Major
3 Dunfell View, Kirkby Thore CA10 1UT	56.0	65	68.0	Moderate
2 Carleton Hall Road, Penrith CA10 2AX	57.5	65	65.2	Moderate
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	72.1	Major
5 Carleton Hall Road, Penrith CA10 2AX	61.8	65	66.3	Moderate
33 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	67.9	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	74.5	Major
Foxtower View, Brough CA17 4DS	61.7	65	68.0	Moderate
23 Pategill Park, Penrith CA11 8JX	60.0	65	65.8	Moderate
Walk Mill Barn, Warcop CA16 6NP	55.9	65	65.9	Moderate
Croft Cottage, Brough CA17 4DS	59.7	65	68.9	Moderate
19 Clifford Road, Penrith CA11 8QE	57.5	65	65.3	Moderate
Toll Bar Cottage, Eamont Bridge CA10 2BB	65.8	70	75.6	Major
Colby Laithes, Colby CA16 6BA	53.9	65	65.8	Moderate
Grey Horse Stables, Brough CA17 4DS	56.0	65	65.7	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	75.4	Major
1 Skirsgill Close, Penrith CA11 8QF	56.2	65	65.9	Moderate
2 Skirsgill Close, Penrith CA11 8QF	61.9	65	69.0	Moderate
Staff Accommodation, Penrith Hospital, Bridge Lane, Penrith CA11 8HX	55.1	65	68.2	Moderate
21 Skirsgill Close, Penrith CA11 8QF	60.6	65	67.3	Moderate
35 Pategill Park, Penrith CA11 8JX	57.7	65	65.0	Moderate

Address	Phase 2i - Removal of current road			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
33 Pategill Park, Penrith CA11 8JX	57.9	65	65.0	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	74.9	Major
3 Carleton Hall Road, Penrith CA10 2AX	58.3	65	65.4	Moderate
Ivy Hall Cottage, Road Adjacent To West End Garage, Bowes DL12 9LL	50.6	65	66.0	Moderate
39 Dunfell View, Kirkby Thore CA10 1UT	57.1	65	71.4	Major
66 Sandersons Croft, Kirkby Thore CA10 1XT	55.4	65	66.9	Moderate
21 Pategill Park, Penrith CA11 8JX	61.2	65	66.7	Moderate
8 Dunfell View, Kirkby Thore CA10 1UT	50.2	65	65.9	Moderate
10 Dunfell View, Kirkby Thore CA10 1UT	50.3	65	66.3	Moderate
19 Pategill Park, Penrith CA11 8JX	61.7	65	66.8	Moderate
Walk Mill, Warcop CA16 6NP	55.8	65	65.5	Moderate
15 Pategill Park, Penrith CA11 8JX	60.6	65	66.2	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	65.2	Moderate
25 Pategill Park, Penrith CA11 8JX	59.4	65	65.4	Moderate
29 Pategill Park, Penrith CA11 8JX	58.4	65	65.1	Moderate
1 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	66.3	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	75.3	Major
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	65.2	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	72.6	Major
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65	68.9	Moderate
Cumbria View, Mile Lane, Redhills CA11 0DR	57.1	65	66.7	Moderate
6 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	67.6	Moderate
Duncross, Priest Lane, Kirkby Thore CA10 1UU	58.9	65	67.5	Moderate
West End Bungalow, Road Adjacent To West End Garage, Bowes DL12 9LW	55.7	65	68.4	Moderate
Tack Room Cottage, Road Leading To The Grove, Rokeby DL12 9SA	61.1	65	65.2	Moderate
5 Skirsgill Close, Penrith CA11 8QF	62.0	65	67.3	Moderate
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	72.1	Major
1 Carleton Hall Road, Penrith CA10 2AX	57.2	65	65.0	Moderate
Foxgloves, Brougham CA10 2AB	58.7	65	66.0	Moderate
3 Skirsgill Close, Penrith CA11 8QF	62.6	70	70.2	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	75.3	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	77.5	Major
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	74.4	Major

Table 11: Predicted construction noise levels - phase 2j - Road Construction

Address	Phase 2j - Surface Water Channel			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Birbeck Medical Practice, Penrith Health Centre, Bridge Lane, Penrith CA11 8HW	60.6	65	73.4	Major
Eamont House, Gillan Way, Penrith CA11 9BP	61.8	65	66.5	Moderate
Fieldrose House, Bridge Lane, Penrith CA11 8JB	60.2	65	73.2	Major
Lords House, Brougham CA10 2AB	63.2	70	77.9	Major
2 Dunfell View, Kirkby Thore CA10 1UT	55.6	65	68.4	Moderate
3 Low Moor Row, Kirkby Thore CA10 1XG	58.0	65	71.0	Major
4 Low Moor Row, Kirkby Thore CA10 1XG	56.8	65	68.6	Moderate
Monks Rest Farm, Moor Lane, East Layton DL11 7PL	49.4	65	71.6	Major
Caravan, Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	67.1	70	78.5	Major
Croft Cottage, Brough CA17 4DS	59.7	65	66.2	Moderate
Bowes Cross Farm, The Street, Boldron DL12 9SR	56.0	65	66.3	Moderate
Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	68.8	75	77.8	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	67.4	Moderate
2 Skirsgill Close, Penrith CA11 8QF	61.9	65	66.1	Moderate
Joelgarth, Crackenthorpe CA16 6AF	48.7	65	68.8	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	73.8	Major
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65	65.5	Moderate
High Wood Holme, Warcop CA16 6PT	42.9	65	65.0	Moderate
Wheatsheaf Farm, Warcop CA16 6NP	58.6	65	65.7	Moderate
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	75.0	Major
Foxgloves, Brougham CA10 2AB	58.7	65	74.0	Major

Table 12: Predicted construction noise levels - phase 2k - Road Construction

Address	Phase 2k - Drainage			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	69.4	Moderate
Low Broats, The Street, Bowes DL12 9JP	55.3	65	74.0	Major
Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	58.3	65	69.4	Moderate
Cross Lanes Organic Farm Shop Cross Lanes Farm, Cross Lanes, Barnard Castle DL12 9RT	65.5	70	73.5	Moderate
Lords House, Brougham CA10 2AB	63.2	70	72.6	Moderate
Wheatsheaf Cottage, Warcop CA16 6NP	51.9	65	69.4	Moderate
2 Dunfell View, Kirkby Thore CA10 1UT	55.6	65	67.7	Moderate
High Barn, Brougham CA10 2AE	57.8	65	67.6	Moderate
3 Dunfell View, Kirkby Thore CA10 1UT	56.0	65	65.5	Moderate
Monks Rest Farm, Moor Lane, East Layton DL11 7PL	49.4	65	69.0	Moderate
Tutta Beck Cottage, Tutta Beck, Rokeby DL12 9RY	47.1	65	79.2	Major
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	68.3	Moderate
Broomrigg House, Warcop CA16 6PT	53.0	65	65.4	Moderate

Address	Phase 2k - Drainage			
	LOAEL	SOAEL	Predicted noise level (dB LAeq)	Magnitude of Impact
Foxtower View, Brough CA17 4DS	61.7	65	66.3	Moderate
Croft Cottage, Brough CA17 4DS	59.7	65	73.7	Major
Bowes Cross Farm, The Street, Boldron DL12 9SR	56.0	65	65.3	Moderate
Stone Bridge Farm, Bowes DL12 9JS	55.8	65	68.6	Moderate
Grey Horse Stables, Brough CA17 4DS	56.0	65	67.2	Moderate
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	55.7	65	66.0	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	71.6	Major
1 Whinfall Park Cottages, Brougham CA10 2AD	53.2	65	67.2	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65	65.2	Moderate
Dodds Barn, Temple Sowerby CA10 2AW	55.5	65	66.6	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	66.9	Moderate
3 Whinfall Park Cottages, Brougham CA10 2AD	56.0	65	68.2	Moderate
Joelgarth, Crackenthorpe CA16 6AF	48.7	65	68.0	Moderate
10 Dunfell View, Kirkby Thore CA10 1UT	50.3	65	66.3	Moderate
Ivy Cottage, Cross Lanes, Barnard Castle DL12 9RT	54.3	65	70.9	Major
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	67.6	Moderate
4 Whinfall Park Cottages, Brougham CA10 2AD	56.2	65	68.0	Moderate
Keepers House, Tutta Beck Farm, Tutta Beck, Rokeby DL12 9RY	46.9	65	74.7	Major
Smithy Cottage, Cross Lanes, Barnard Castle DL12 9RT	53.6	65	69.4	Moderate
Thunderstones, Warcop CA16 6PT	52.2	65	65.9	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	72.8	Major
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65	66.2	Moderate
Wheatsheaf Farm, Warcop CA16 6NP	58.6	65	71.7	Major
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	72.3	Major
Foxgloves, Brougham CA10 2AB	58.7	65	70.7	Major
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	70.6	Major
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	81.0	Major

Table 13: Predicted construction noise levels - phase 3b - Structures

Address	Phase 3 c- Concreting			
	LOAEL	SOAEL	Predicted noise level (dB LAeq)	Magnitude of Impact
Apple Tree Barn, West View Farm, Brough CA17 4DS	65.1	70	75.1	Major
Low Broats, The Street, Bowes DL12 9JP	55.3	65	81.5	Major
Unit, Enterprise House, Gillan Way, Penrith CA11 9BP	64.3	70	70.9	Moderate
Unit 24-25, Skirsgill Business Park, Penrith CA11 0FD	65.3	70	90.4	Major
43 Clifford Road, Penrith CA11 8PP	57.5	65	65.2	Moderate
Foxtower View, Brough CA17 4DS	61.7	65	69.3	Moderate
45 Clifford Road, Penrith CA11 8PP	57.5	65	65.4	Moderate
Croft Cottage, Brough CA17 4DS	59.7	65	70.4	Major

Address	Phase 3 c- Concreting			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
West View, Brough CA17 4DS	59.3	65	68.6	Moderate

Table 14: Predicted construction noise levels - phase 3d - Structures

Address	Phase 3d - Sheet Piling for structures			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Unit, Enterprise House, Gillan Way, Penrith CA11 9BP	64.3	70	70.6	Moderate
Unit 24-25, Skirsgill Business Park, Penrith CA11 0FD	65.3	70	90.1	Major

Table 15: Predicted construction noise levels - phase 4a - compound

Address	Phase 4a – site clearance			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	75.4	Major
Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	58.3	65	69.7	Moderate
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	78.0	Major
Holiday Cottage, Ivy Hall Farm, Road Adjacent To West End Garage, Bowes DL12 9LL	54.4	65	72.2	Major
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	74.6	Major
Powis House, Long Marton CA16 6AQ	47.4	65	65.7	Moderate
Old Rectory, Cross End, Kirkby Thore CA10 1UR	51.9	65	68.3	Moderate
5 Kemplay Foot Farm, Kemplay Bank, Eamont Bridge CA10 2BD	58.9	65	74.6	Major
New Bungalow, Kirkby Thore CA10 1XQ	67.2	70	73.9	Moderate
60 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	70.8	Major
Lyndale House, Bowes DL12 9HL	53.0	65	69.4	Moderate
4 Highbank Court, Eamont Bridge CA10 2DY	52.2	65	68.1	Moderate
68 Sandersons Croft, Kirkby Thore CA10 1XT	53.3	65	65.8	Moderate
Roman Vale, Back Lane, Long Marton CA16 6AQ	43.4	65	65.9	Moderate
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	71.1	Major
65 Sandersons Croft, Kirkby Thore CA10 1XT	42.7	65	71.8	Major
Greythorne, Kirkby Thore CA10 1XQ	61.4	65	72.4	Major
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	71.0	Major
Eden View Farm, Kirkby Thore CA10 1XQ	58.5	65	66.9	Moderate
37 Dunfell View, Kirkby Thore CA10 1UT	55.5	65	67.3	Moderate
3 Low Moor Row, Kirkby Thore CA10 1XG	58.0	65	71.7	Major
4 Low Moor Row, Kirkby Thore CA10 1XG	56.8	65	71.1	Major
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	75.1	Major
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	73.7	Major
1 Sandersons Croft, Kirkby Thore CA10 1XT	51.3	65	66.4	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	75.7	Major
Stagecoach Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	66.6	70	73.1	Moderate
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	73.7	Major
27 Dunfell View, Kirkby Thore CA10 1UT	46.9	65	65.3	Moderate

Address	Phase 4a – site clearance			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	78.4	Major
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	68.4	Moderate
67 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	74.1	Major
2 Highbank Court, Eamont Bridge CA10 2DY	50.3	65	65.3	Moderate
33 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	66.0	Moderate
2 Eamont Lodge, Skirsgill Lane, Penrith CA10 2BQ	50.3	65	65.3	Moderate
Caravan, Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	67.1	70	75.9	Major
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	69.9	Moderate
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	72.4	Major
Dunelm, Broom On The C3004 To The A66t, Long Marton CA16 6AQ	50.7	65	70.0	Major
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	76.6	Major
Crossfell View, Low Moor Row, Kirkby Thore CA10 1XQ	68.8	75	75.0	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	74.6	Major
The Granary, West End Farm, Bowes DL12 9LH	58.3	65	78.8	Major
Kilmond View, Road Leading To Kilmond View, Bowes DL12 9HH	55.7	65	68.2	Moderate
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	69.4	Moderate
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	73.3	Major
Black Lodge Farm, Bowes DL12 9JN	49.0	65	70.8	Major
Fell View, Kirkby Thore CA10 1XQ	65.8	70	72.2	Moderate
Cleveland View, Road Leading To Kilmond View, Bowes DL12 9HH	52.8	65	65.4	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	71.8	Major
35 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.3	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65	67.5	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.5	65	72.9	Major
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	70.0	Major
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	74.0	Major
Jockey Cottage, Horse And Farrier Courtyard, Kirkby Thore CA10 1XJ	55.1	65	70.9	Major
11 Dunfell View, Kirkby Thore CA10 1UT	47.4	65	65.0	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	72.2	Major
39 Dunfell View, Kirkby Thore CA10 1UT	57.1	65	67.5	Moderate
61 Sandersons Croft, Kirkby Thore CA10 1XT	38.7	65	71.6	Major
The Loft, Skirsgill Lane, Penrith CA10 2BQ	52.8	65	66.0	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	72.1	Major
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	70.5	Major
Dotheboys Hall, Bowes DL12 9LL	53.7	65	72.7	Major
2 Skirsgill Cottages, Skirsgill Lane, Penrith CA10 2BG	52.9	65	65.4	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	74.6	Major
2 Low Moor Row, Kirkby Thore CA10 1XG	60.5	65	67.4	Moderate

Address	Phase 4a – site clearance			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	72.7	Major
1 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	65.0	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	70.1	Major
1 Skirsgill Cottages, Skirsgill Lane, Penrith CA10 2BG	55.4	65	65.4	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.0	65	74.3	Major
5 Dunfell View, Kirkby Thore CA10 1UT	52.0	65	65.6	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	76.9	Major
51 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	69.8	Moderate
31 Dunfell View, Kirkby Thore CA10 1UT	48.4	65	65.3	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	68.9	Moderate
The Rectory, Cross End, Kirkby Thore CA10 1UR	58.3	65	65.1	Moderate
34 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	66.9	Moderate
6 Dunfell View, Kirkby Thore CA10 1UT	49.7	65	65.4	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	71.5	Major
Duncross, Priest Lane, Kirkby Thore CA10 1UU	58.9	65	69.7	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	75.6	Major
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	74.7	Major
58 Sandersons Croft, Kirkby Thore CA10 1XT	40.3	65	70.1	Major
The Old Barn, West End Farm, Bowes DL12 9LH	56.0	65	69.2	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	74.3	Major
29 Dunfell View, Kirkby Thore CA10 1UT	47.7	65	65.6	Moderate
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	68.5	Moderate
59 Sandersons Croft, Kirkby Thore CA10 1XT	40.3	65	70.3	Major
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	73.5	Major
Foxgloves, Brougham CA10 2AB	58.7	65	67.0	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	69.4	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	76.6	Major
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	80.2	Major

Table 16: Predicted construction noise levels - phase 4b - compound

Address	Phase 4b Boundary Fence			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	66.5	Moderate
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	65.4	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	65.2	Moderate
The Granary, West End Farm, Bowes DL12 9LH	58.3	65	67.6	Moderate
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	66.8	Moderate

Table 17: Predicted construction noise levels - phase 4c - compound



Address	Phase 4c – Topsoil			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	71.0	Major
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	73.2	Major
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	72.4	Major
Old Rectory, Cross End, Kirkby Thore CA10 1UR	51.9	65	65.5	Moderate
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	67.6	Moderate
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	67.8	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	69.8	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	68.7	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	71.2	Major
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	71.3	Major
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	70.8	Major
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	67.3	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	66.4	Moderate
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	67.2	Moderate
Dunelm, Broom On The C3004 To The A66t, Long Marton CA16 6AQ	50.7	65	66.2	Moderate
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	69.7	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	72.3	Major
The Granary, West End Farm, Bowes DL12 9LH	58.3	65	74.4	Major
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	66.0	Moderate
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	68.4	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	68.1	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65	66.1	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.5	65	68.8	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	66.7	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	70.7	Major
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	68.4	Moderate
61 Sandersons Croft, Kirkby Thore CA10 1XT	38.7	65	66.7	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	67.0	Moderate
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	67.2	Moderate
Dotheboys Hall, Bowes DL12 9LL	53.7	65	68.7	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	71.0	Major
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	67.4	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	66.6	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.0	65	70.4	Major
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	70.1	Major
51 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	65.4	Moderate
30 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	65.5	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	68.1	Moderate

Address	Phase 4c – Topsoil			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Duncross, Priest Lane, Kirkby Thore CA10 1UU	58.9	65	65.2	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	70.4	Major
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	69.7	Moderate
The Old Barn, West End Farm, Bowes DL12 9LH	56.0	65	67.8	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	69.5	Moderate
32 Dunfell View, Kirkby Thore CA10 1UT	59.3	65	65.4	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	70.5	Major
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	66.2	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	69.9	Moderate
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	73.1	Major

Table 18: Predicted construction noise levels - phase 4d - compound

Address	Phase 4d - Excavation			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	70.1	Major
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	72.4	Major
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	71.6	Major
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	66.8	Moderate
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	67	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	69	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	67.9	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	70.4	Major
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	70.5	Major
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	70	Major
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	66.5	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	65.6	Moderate
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	66.4	Moderate
Dunelm, Broom On The C3004 To The A66t, Long Marton CA16 6AQ	50.7	65	65.3	Moderate
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	68.9	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	71.5	Major
The Granary, West End Farm, Bowes DL12 9LH	58.3	65	73.6	Major
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	65.1	Moderate
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	67.6	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.3	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65	65.3	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.5	65	68	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	65.8	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	69.9	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.6	Moderate

Address	Phase 4d - Excavation			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
61 Sandersons Croft, Kirkby Thore CA10 1XT	38.7	65	65.8	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	66.2	Moderate
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	66.4	Moderate
Dotheboys Hall, Bowes DL12 9LL	53.7	65	67.9	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	70.2	Major
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	66.6	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	65.8	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.0	65	69.6	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	69.3	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	67.2	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	69.6	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	68.9	Moderate
The Old Barn, West End Farm, Bowes DL12 9LH	56.0	65	67	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	68.7	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	69.6	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	65.4	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	69.1	Moderate
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	72.3	Major

Table 19: Predicted construction noise levels - phase 4e- compound

Address	Phase 4e - Drainage			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	69.2	Moderate
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	71.5	Major
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	70.7	Major
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	65.9	Moderate
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	66.1	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	68	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	67	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	69.4	Moderate
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	69.6	Moderate
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	69	Moderate
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	65.5	Moderate
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	65.5	Moderate
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	68	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	70.6	Major
The Granary, West End Farm, Bowes DL12 9LH	58.3	65	72.6	Major
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	66.7	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	66.4	Moderate

Address	Phase 4e - Drainage			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Dotheboys Hall, Bowes DL12 9LL	58.5	65	67.1	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	68.9	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	66.7	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	65.3	Moderate
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	65.5	Moderate
Dotheboys Hall, Bowes DL12 9LL	53.7	65	66.9	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	69.3	Moderate
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	65.7	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.0	65	68.6	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	68.4	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	66.3	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	68.7	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	68	Moderate
The Old Barn, West End Farm, Bowes DL12 9LH	56.0	65	66.1	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	67.7	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	68.7	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	68.1	Moderate
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	71.3	Major

Table 20: Predicted construction noise levels - phase 4f - compound

Address	Phase 4f - Subbase			Magnitude of Impact
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	70.1	Major
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	72.4	Major
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	71.6	Major
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	66.8	Moderate
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	67	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	68.9	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	67.9	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	70.3	Major
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	70.5	Major
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	69.9	Moderate
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	66.4	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	65.6	Moderate
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	66.4	Moderate
Dunelm, Broom On The C3004 To The A66t, Long Marton CA16 6AQ	50.7	65	65.3	Moderate
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	68.9	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	71.5	Major
The Granary, West End Farm, Bowes DL12 9LH	58.3	65	73.5	Major

Address	Phase 4f - Subbase			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
28 Dunfell View, Kirkby Thore CA10 1UT	59.8	65	65.1	Moderate
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	67.6	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.3	Moderate
Ashton Lea, Cross End, Kirkby Thore CA10 1UE	39.9	65	65.3	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.5	65	68	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	65.8	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	69.8	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.6	Moderate
61 Sandersons Croft, Kirkby Thore CA10 1XT	38.7	65	65.8	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	66.2	Moderate
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	66.4	Moderate
Dotheboys Hall, Bowes DL12 9LL	53.7	65	67.8	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	70.2	Major
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	66.6	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	65.8	Moderate
Dotheboys Hall, Bowes DL12 9LL	58.0	65	69.5	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	69.2	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	67.2	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	69.6	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	68.9	Moderate
The Old Barn, West End Farm, Bowes DL12 9LH	56.0	65	67	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	68.6	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	69.6	Moderate
26 Dunfell View, Kirkby Thore CA10 1UT	60.4	65	65.4	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	69	Moderate
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	72.2	Major

Table 21: Predicted construction noise levels - phase 4g - compound

Address	Phase 4g - Pavement Surfacing			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	69.7	Moderate
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	72.0	Major
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	71.1	Major
38 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	66.3	Moderate
37 Sandersons Croft, Kirkby Thore CA10 1XT	42.5	65	66.5	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	68.5	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	67.4	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	69.9	Moderate
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	70.0	Major

Address	Phase 4g - Pavement Surfacing			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	69.5	Moderate
49 Sandersons Croft, Kirkby Thore CA10 1XT	39.0	65	66.0	Moderate
24 Dunfell View, Kirkby Thore CA10 1UT	61.4	65	65.2	Moderate
63 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	66.0	Moderate
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	68.5	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	71.0	Major
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	67.2	Moderate
40 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	66.9	Moderate
20 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	65.4	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	69.4	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	67.2	Moderate
61 Sandersons Croft, Kirkby Thore CA10 1XT	38.7	65	65.4	Moderate
62 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	65.8	Moderate
36 Sandersons Croft, Kirkby Thore CA10 1XT	42.6	65	65.9	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	69.7	Moderate
64 Sandersons Croft, Kirkby Thore CA10 1XT	49.7	65	66.1	Moderate
22 Dunfell View, Kirkby Thore CA10 1UT	61.8	65	65.3	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	68.9	Moderate
39 Sandersons Croft, Kirkby Thore CA10 1XT	41.4	65	66.8	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	69.2	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	68.4	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	68.2	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	69.2	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	68.7	Moderate
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	71.8	Major

Table 22: Predicted construction noise levels - phase 4h - compound

Address	Phase 4h - Operation			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
Childrens Centre, Kirkby Thore School, Priest Lane, Kirkby Thore CA10 1UU	50.1	65	67.7	Moderate
Kingdom Hall Of Jehovas Witnesses, Skirsgill Lane, Penrith CA10 2BQ	54.9	65	70.1	Major
52 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	69.2	Moderate
46 Sandersons Croft, Kirkby Thore CA10 1XT	40.8	65	66.5	Moderate
43 Sandersons Croft, Kirkby Thore CA10 1XT	41.1	65	65.5	Moderate
48 Sandersons Croft, Kirkby Thore CA10 1XT	38.5	65	68.0	Moderate
54 Sandersons Croft, Kirkby Thore CA10 1XT	39.4	65	68.1	Moderate
70 Sandersons Croft, Kirkby Thore CA10 1XT	51.1	65	67.5	Moderate
69 Sandersons Croft, Kirkby Thore CA10 1XT	40.6	65	66.5	Moderate
53 Sandersons Croft, Kirkby Thore CA10 1XT	39.5	65	69.1	Moderate

Address	Phase 4h - Operation			
	LOAEL	SOAEL	Predicted noise level (dB L <sub>Aeq</sub> )	Magnitude of Impact
42 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	65.2	Moderate
56 Sandersons Croft, Kirkby Thore CA10 1XT	39.7	65	67.5	Moderate
41 Sandersons Croft, Kirkby Thore CA10 1XT	41.6	65	65.2	Moderate
57 Sandersons Croft, Kirkby Thore CA10 1XT	40.2	65	67.8	Moderate
Barn Owl Cottage, Brougham CA10 2AB	57.1	65	67.0	Moderate
47 Sandersons Croft, Kirkby Thore CA10 1XT	40.7	65	67.2	Moderate
45 Sandersons Croft, Kirkby Thore CA10 1XT	40.9	65	66.5	Moderate
44 Sandersons Croft, Kirkby Thore CA10 1XT	41.0	65	66.3	Moderate
55 Sandersons Croft, Kirkby Thore CA10 1XT	39.8	65	67.3	Moderate
2 Lightwater Cottages, Brougham CA10 2AB	57.2	65	66.8	Moderate
1 Lightwater Cottages, Brougham CA10 2AB	55.7	65	69.9	Moderate

### 12.3.2 Offsite construction traffic

12.3.2.1 An assessment of off-site construction traffic (CT) has been undertaken by comparing the Basic Noise Level (BNL) without construction traffic in the Do-Minimum (DM) construction year 2024 and the BNL with construction traffic in the Do-Minimum construction year 2024. Full details of the calculation are presented in Table 23: Offsite traffic – Scenario C and Table 24: Offsite traffic - Scenario D below.

12.3.2.2 There are seven construction scenarios for which traffic modelling is undertaken to derive the impacts on road users. The two scenarios which generate the largest number of construction traffic movements upon the existing road network have been used for this assessment: scenario C and scenario. Details of the construction traffic modelling are presented in Chapter 10: Construction impact assessment, of the Transport Assessment (Application Document 3.7).

Table 23: Offsite traffic – Scenario C

Link ID	Vehicle Speed (kmph)	Baseline year DM 2024 (18-hour AAWT)		Baseline year DM 2024 plus maximum HGVs due to construction (18-hour AAWT)				Baseline DM plus average HGVs due to construction (18-hour AAWT)				BNL calculation					BNL Level Average Impacts of Significance	Significance Conclusion
		DM Flow	% HGV	DM Flow + Max CT	Max CT	No of HGVs (no) DM Baseline + Max CT	HGV (no%) DM Baseline + Max CT	DM Flows + Average CT	Average CT	No of HGVs (no) DM + Average CT	HGV (no%) DM + Average CT	BNL DM	BNL for DM + Max CT	BNL for DM + Average CT	BNL Change for the Max CT	BNL Change for the Average CT		
89901_89902	28.2	6330.2	2.2	6706.2	376.0	513.6	7.7	6487.2	157.0	294.6	4.5	63.6	66.1	64.8	2.6	1.3	Minor	Not significant due to minor impact only
80273_80270	66.4	2141.5	6.0	2415.5	274.0	402.7	16.7	2256.5	115.0	243.7	10.8	63.1	65.5	64.3	2.4	1.2	Minor	Not significant due to minor impact only
80272_80273	66.5	2141.5	6.0	2415.5	274.0	402.7	16.7	2256.5	115.0	243.7	10.8	63.1	65.5	64.3	2.4	1.2	Minor	Not significant due to minor impact only
80345_95031	32.3	425.2	31.2	801.2	376.0	508.5	63.5	582.2	157.0	289.5	49.7	58.4	63.8	61.5	5.4	3.1	Moderate	Not significant, BNL increase only 0.1dB over 3dB threshold for moderate impacts
95028_95029	38.2	209.3	12.3	848.3	639.0	664.7	78.4	476.3	267.0	292.7	61.5	52.4	64.8	61.3	12.4	9.0	Major	Not significant, relatively small slip road with no receptors nearby
95029_80344	35.3	407.8	23.9	658.8	251.0	348.5	52.9	512.8	105.0	202.5	39.5	57.2	62.2	60.0	5.0	2.8	Minor	Not significant due to minor impact only

Link ID	Vehicle Speed (kmph)	Baseline year DM 2024 (18-hour AAWT)		Baseline year DM 2024 plus maximum HGVs due to construction (18-hour AAWT)				Baseline DM plus average HGVs due to construction (18-hour AAWT)				BNL calculation					BNL Level Average Impacts of Significance	Significance Conclusion
		DM Flow	% HGV	DM Flow + Max CT	Max CT	No of HGVs (no) DM Baseline + Max CT	HGV (no%) DM Baseline + Max CT	DM Flows + Average CT	Average CT	No of HGVs (no) DM + Average CT	HGV (no%) DM + Average CT	BNL DM	BNL for DM + Max CT	BNL for DM + Average CT	BNL Change for the Max CT	BNL Change for the Average CT		
95031_95032	35.7	427.2	6.0	1191.2	764.0	789.6	66.3	746.2	319.0	344.6	46.2	53.7	65.6	62.2	11.9	8.5	Major	Not significant, relatively small slip road with no receptors nearby
80283_80228	50.9	888.8	11.6	1162.8	274.0	377.0	32.4	1003.8	115.0	218.0	21.7	59.2	63.3	61.4	4.1	2.2	Minor	Not significant due to minor impact only
95713_80242	49.1	6032.7	9.0	6762.7	730.0	1273.3	18.8	6338.7	306.0	849.3	13.4	66.8	69.2	68.0	2.3	1.1	Minor	Not significant due to minor impact only
95031_80346	57.4	852.3	18.6	1102.3	250.0	408.1	37.0	956.3	104.0	262.1	27.4	60.6	63.8	62.3	3.2	1.6	Minor	Not significant due to minor impact only
95029_80347	48.2	617.1	20.0	1507.1	890.0	1013.2	67.2	989.1	372.0	495.2	50.1	58.9	66.9	64.0	8.0	5.1	Major	Not significant, no sensitive receptors within 50m
95324_80347	33.7	1128.0	29.4	2018.0	890.0	1221.5	60.5	1500.0	372.0	703.5	46.9	62.4	67.6	65.3	5.2	3.0	Minor	Not significant due to minor impact only
95714_95713	36.9	1871.1	0.6	2601.1	730.0	741.4	28.5	2177.1	306.0	317.4	14.6	57.9	65.9	63.0	8.0	5.0	Major	Not significant, relatively small road which represents an entrance to Penrith Industrial Estate
95136_90123	57.6	1765.0	3.2	2244.0	479.0	536.3	23.9	1965.0	200.0	257.3	13.1	60.7	65.6	63.4	4.8	2.7	Minor	Not significant due to minor impact only
95136_90125	35.3	1712.6	3.2	2191.6	479.0	534.2	24.4	1912.6	200.0	255.2	13.3	58.7	64.6	62.1	5.9	3.5	Moderate	Not significant, BNL increase only 0.5dB over 3dB threshold for moderate impacts
93911_90123	35.3	621.4	7.2	1100.4	479.0	523.8	47.6	714	93	138	19.28	55.7	64.0	59.0	8.3	3.3	Moderate	Not significant, BNL increase only 0.3dB over 3dB threshold for moderate impacts
95137_93911	70.5	930.5	6.6	1409.5	479.0	540.7	38.4	1130.5	200.0	261.7	23.2	60.0	65.8	63.4	5.8	3.4	Moderate	Not significant, BNL increase only 0.4dB over 3dB threshold for moderate impacts
95137_93910	47.2	930.5	6.6	1409.5	479.0	540.7	38.4	1130.5	200.0	261.7	23.2	58.0	64.5	61.9	6.5	3.9	Moderate	Not significant, relatively small slip road with no receptors nearby



Link ID	Vehicle Speed (kmph)	Baseline year DM 2024 (18-hour AAWT)		Baseline year DM 2024 plus maximum HGVs due to construction (18-hour AAWT)				Baseline DM plus average HGVs due to construction (18-hour AAWT)				BNL calculation					BNL Level Average Impacts of Significance	Significance Conclusion
		DM Flow	% HGV	DM Flow + Max CT	Max CT	No of HGVs (no) DM Baseline + Max CT	HGV (no%) DM Baseline + Max CT	DM Flows + Average CT	Average CT	No of HGVs (no) DM + Average CT	HGV (no%) DM + Average CT	BNL DM	BNL for DM + Max CT	BNL for DM + Average CT	BNL Change for the Max CT	BNL Change for the Average CT		
80272_80229	42.6	2556.4	9.2	2830.4	274.0	509.4	18.0	2671.4	115.0	350.4	13.1	62.7	64.9	63.8	2.2	1.1	Minor	Not significant due to minor impact only

Table 24: Offsite traffic - Scenario D

Link ID	Vehicle Speed (kmph)	Baseline year DM 2024 (18-hour AAWT)				Baseline year DM 2024 plus maximum HGVs due to construction (18-hour AAWT)				Baseline DM plus average HGVs due to construction (18-hour AAWT)		BNL calculation					BNL Average Impacts of Significance	Significance Conclusion
		DM Flow	% HGV	DM Flow + Max CT	Max CT	No of HGVs (no) DM Baseline + Max CT	HGV (no%) DM Baseline + Max CT	DM Flows + Average CT	Average CT	No of HGVs (no) DM + Average CT	HGV (no%) DM + Average CT	BNL DM	BNL for DM + Max CT	BNL for DM + Average CT	BNL Change for the Max CT	BNL Change for the Average CT		
80345_95031	32.3	425.2	31.2	539.2	114.0	246.5	45.7	482.2	57.0	189.5	39.3	58.4	60.8	59.8	2.5	1.4	Minor	Not significant due to minor impact only
95028_95029	38.2	209.3	12.3	323.3	114.0	139.7	43.2	266.3	57.0	82.7	31.1	52.4	58.3	56.3	6.0	3.9	Moderate	Not significant, relatively small slip road with no receptors nearby
95031_95032	35.7	427.2	6.0	621.2	194.0	219.6	35.4	523.2	96.0	121.6	23.2	53.7	60.4	58.2	6.7	4.5	Moderate	Not significant, relatively small slip road with no receptors nearby
95261_95259	9.3	571.4	12.4	833.4	262.0	332.7	39.9	701.4	130.0	200.7	28.6	63.2	69.5	67.4	6.3	4.2	Moderate	Not significant, relatively small slip road with no receptors nearby
79803_79804	47.5	629.8	5.7	697.8	68.0	104.2	14.9	663.8	34.0	70.2	10.6	56.1	58.6	57.5	2.5	1.4	Minor	Not significant due to minor impact only
79805_70025	69.9	536.0	4.9	604.0	68.0	94.5	15.6	570.0	34.0	60.5	10.6	57.2	59.6	58.6	2.5	1.4	Minor	Not significant due to minor impact only
95031_80346	57.4	852.3	18.6	1012.3	160.0	318.1	31.4	932.3	80.0	238.1	25.5	60.6	62.9	61.9	2.3	1.3	Minor	Not significant due to minor impact only
95029_80347	48.2	617.1	20.0	765.1	148.0	271.2	35.4	691.1	74.0	197.2	28.5	58.9	61.6	60.5	2.8	1.6	Minor	Not significant due to minor impact only
95714_95713	36.9	1871.1	0.6	2099.1	228.0	239.4	11.4	1985.1	114.0	125.4	6.3	57.9	62.1	60.5	4.2	2.6	Minor	Not significant due to minor impact only