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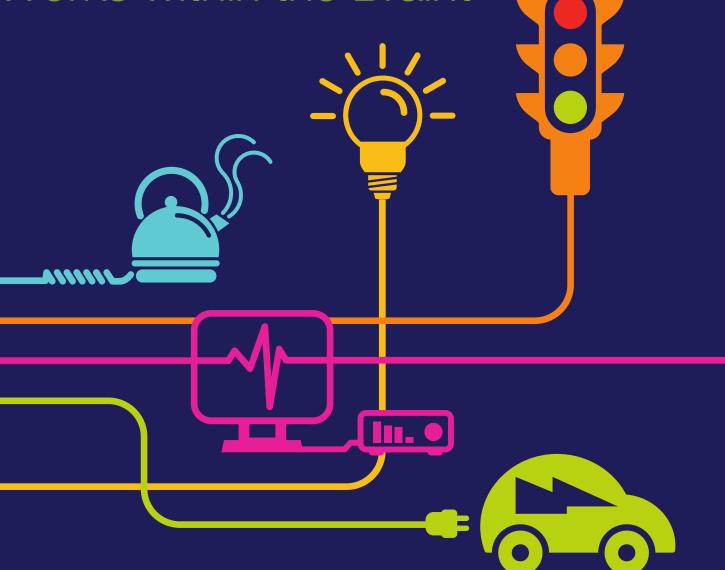
5.15.2.12

Assessment of Noise Effects from Works within the Braint Construction Compound

Chapter 15 – Appendix 12

National Grid (North Wales Connection Project)

Regulation 5(2)(a) including (l) and (m) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



Application Reference EN020015 September 2018

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North Wales Connection Project

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Document 5.15.2.12 Appendix 15.12 Assessment of Noise Effects from Works within the Braint Construction Compound

National Grid National Grid House Warwick Technology Park Gallows Hill Warwick CV34 6DA

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Contents

1.	Enabling Works	1
1.1	Enabling Works - Daytime Effects	1
2.	Enabling Works with Surface Drilling and Grouting	6
1.2	Enabling Works with Surface Drilling and Grouting - Daytime Effects	6
3.	Shaft Sinking	11
1.3	Shaft Sinking – Daytime Effects	11
1.4	Shaft Sinking – Weekend Effects	16
1.5	Shaft Sinking - Night-time Effects	21
1.6	Shaft Sinking - Overall Magnitude of Effect	26
4.	Tunnel Related Works – TBM Method (Scenarios 1 and 2)	30
1.7	Tunnel Related Works TBM Method (Scenarios 1 and 2) - Daytime Effects	30
1.8	Tunnel Related Works TBM Method (Scenarios 1 and 2) - Weekend Effects	35
1.9	Tunnel Related Works TBM Method (Scenarios 1 and 2) - Night-time Effects	39
1.10	0 Tunnel Related Works TBM Method (Scenarios 1 and 2) - Overall Magnitude of Effects	43
Figure	re A	47
5.	Tunnel Related Works – D&B Method (Scenario 3)	49
1.11	1 Tunnel Related Works D&B Method (Scenario 3) - Daytime Effects	49
1.12	2 Tunnel Related Works D&B Method (Scenario 3) - Weekend Effects	54
1.13	3 Tunnel Related Works D&B Method (Scenario 3) - Night-time Effects	58
1.14	4 Tunnel Related Works D&B Method (Scenario 3) - Overall Magnitude of Effects	62
Figure	re B	67

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1. Enabling Works

1.1 ENABLING WORKS - DAYTIME EFFECTS

	Enabling Works - Daytime Effects											
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect					
C5/00457	Shop / Showroom	Low	42	60	60	0	No Effect					
C5/00458	Workshop / Light Industrial	Very low	42	63	63	0	No Effect					
C5/00459	Shop / Showroom	Low	42	63	63	0	No Effect					
C5/00460	Shop / Showroom	Low	42	63	63	0	No Effect					
C5/00462	Retail	Low	42	63	63	0	No Effect					
C5/00464	Shop / Showroom	Low	42	63	63	0	No Effect					
C5/00465	Shop / Showroom	Low	42	63	63	0	No Effect					
C5/00469	Shop / Showroom	Low	42	64	64	0	No Effect					
C5/00490	Commercial	Low	53	48	54	6	Very Low					
C5/00525	Other Educational Establishment	Medium	41	45	46	1	Very Low					
C5/00544	Retail	Low	43	48	49	1	Very Low					
C5/00559	Retail	Low	42	53	53	0	No Effect					
C5/00560	Shop / Showroom	Low	42	53	53	0	No Effect					
C5/00561	Shop / Showroom	Low	42	53	53	0	No Effect					
R5/02613	Dwelling	Medium	42	52	52	0	Very Low					
R5/02635	Detached	Medium	44	48	49	1	Very Low					
R5/02636	Detached	Medium	44	48	49	1	Very Low					
R5/02641	Detached	Medium	44	48	50	2	Very Low					
R5/02649	Dwelling	Medium	43	58	58	0	No Effect					
R5/02654	Dwelling	Medium	42	58	58	0	No Effect					
R5/02678	Dwelling	Medium	43	45	47	2	Very Low					
R5/02687	Dwelling	Medium	43	62	62	0	No Effect					

	Enabling Works - Daytime Effects										
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect				
R5/02691	Dwelling	Medium	42	67	67	0	No Effect				
R5/02705	Dwelling	Medium	43	61	61	0	No Effect				
R5/02725	Dwelling	Medium	48	48	51	3	Very Low				
R5/02726	Dwelling	Medium	42	64	64	0	No Effect				
R5/02728	Semi-Detached	Medium	42	63	63	0	No Effect				
R5/02731	Dwelling	Medium	42	60	60	0	No Effect				
R5/02741	Dwelling	Medium	42	58	58	0	No Effect				
R5/02743	Dwelling	Medium	42	60	60	0	No Effect				
R5/02751	Dwelling	Medium	41	58	58	0	No Effect				
R5/02761	Dwelling	Medium	42	59	59	0	No Effect				
R5/02812	Detached	Medium	42	57	58	0	No Effect				
R5/02815	Dwelling	Medium	54	45	54	9	Very Low				
R5/02878	Detached	Medium	49	45	50	5	Very Low				
R5/02908	Dwelling	Medium	44	60	60	0	No Effect				
R5/02914	Dwelling	Medium	44	58	58	0	No Effect				
R5/02917	Dwelling	Medium	44	60	60	0	No Effect				
R5/02920	Dwelling	Medium	44	60	60	0	No Effect				
R5/02925	Dwelling	Medium	44	59	59	0	No Effect				
R5/02927	Dwelling	Medium	44	59	60	0	No Effect				
R5/02929	Dwelling	Medium	42	45	47	2	Very Low				
R5/02987	Dwelling	Medium	55	48	56	8	Very Low				
R5/02996	Detached	Medium	43	57	57	0	No Effect				
R5/02998	Dwelling	Medium	43	57	57	0	No Effect				
R5/03013	Caravan	Medium	43	57	57	0	No Effect				
R5/03134	Dwelling	Medium	49	55	56	1	Very Low				
R5/03211	Dwelling	Medium	44	45	47	2	Very Low				
R5/03236	Dwelling	Medium	43	45	47	2	Very Low				
R5/03353	Dwelling	Medium	44	66	66	0	No Effect				

Enabling Works - Daytime Effects Log Sum of Daytime Pre **Pre Construction Exceedance of Daytime Predicted Daytime Construction Ambient Noise** Magnitude of Sensitivity **Pre Construction Noise, Receptor Classification Daytime Ambient** Receptor and Predicted Noise Level, of Receptor Noise Level L_{Aeq,T} dB **Effect** Noise Level, L_{Aeq,T} dB dB L_{Aeq,T} dB R5/03383 Dwelling 49 Medium 44 48 1 Very Low R5/03422 Dwelling Medium 44 48 49 1 Very Low R5/03423 Dwelling Medium 48 52 53 2 Very Low 52 53 2 R5/03425 48 Dwelling Medium Very Low 59 0 R5/03427 59 No Effect Dwelling Medium 44 2 R5/03429 Dwelling Medium 48 52 53 Very Low Dwelling 52 53 2 R5/03435 48 Medium Very Low R5/03438 59 59 Medium 44 0 No Effect Dwelling 52 53 R5/03440 Dwelling Medium 48 1 Very Low R5/03443 Dwelling Medium 48 52 53 1 Very Low R5/03460 58 0 No Effect Dwelling Medium 44 58 R5/03469 Dwelling Medium 44 58 58 0 No Effect 59 59 0 R5/03475 **Terraced** 43 No Effect Medium 58 59 0 R5/03482 Terraced Medium 43 No Effect 57 58 0 R5/03484 Dwelling Medium 44 No Effect R5/03493 Terraced Medium 43 58 58 0 No Effect R5/03496 57 57 0 No Effect Dwelling Medium 43 R5/03505 Dwelling Medium 43 57 57 0 No Effect 58 58 0 R5/03513 43 No Effect **Terraced** Medium R5/03516 57 57 0 43 No Effect Dwelling Medium R5/03521 0 **Terraced** Medium 43 58 58 No Effect 58 0 R5/03533 43 58 No Effect **Terraced** Medium 57 57 0 R5/03554 43 Dwelling Medium No Effect 57 57 R5/03565 Dwelling Medium 43 0 No Effect R5/03576 57 57 0 Dwelling Medium 43 No Effect R5/03591 57 Dwelling Medium 43 57 0 No Effect R5/03607 Dwelling Medium 43 57 57 0 No Effect R5/03617 Dwelling 43 56 56 0 No Effect Medium

	Enabling Works - Daytime Effects											
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect					
R5/03647	Dwelling	Medium	43	56	56	0	No Effect					
R5/03691	Dwelling	Medium	42	56	56	0	No Effect					
R5/03694	Dwelling	Medium	42	57	57	0	No Effect					
R5/03705	Dwelling	Medium	42	57	57	0	No Effect					
R5/03723	Dwelling	Medium	42	56	56	0	No Effect					
R5/03726	Dwelling	Medium	42	55	55	0	No Effect					
R5/03741	Dwelling	Medium	42	56	56	0	No Effect					
R5/03746	Terraced	Medium	45	57	57	0	No Effect					
R5/03751	Dwelling	Medium	45	59	59	0	No Effect					
R5/03755	Dwelling	Medium	45	60	60	0	No Effect					
R5/03768	Dwelling	Medium	42	55	55	0	No Effect					
R5/03769	Dwelling	Medium	42	55	55	0	No Effect					
R5/03796	Dwelling	Medium	42	55	55	0	No Effect					
R5/03819	Dwelling	Medium	42	55	55	0	No Effect					
R5/03820	Dwelling	Medium	42	54	55	0	No Effect					
R5/03902	Dwelling	Medium	42	54	54	0	No Effect					
R5/03932	Dwelling	Medium	42	54	54	0	No Effect					
R5/03972	Dwelling	Medium	42	53	54	0	No Effect					
R5/04078	Dwelling	Medium	44	65	65	0	No Effect					
R5/04091	Dwelling	Medium	44	65	65	0	No Effect					
R5/04116	Dwelling	Medium	44	65	65	0	No Effect					
R5/04481	Dwelling	Medium	42	62	62	0	No Effect					
R5/04503	Dwelling	Medium	42	54	54	0	No Effect					
R5/04518	Residential	Medium	42	57	57	0	No Effect					
R5/04534	Dwelling	Medium	42	54	54	0	No Effect					
R5/04537	Dwelling	Medium	42	54	54	0	No Effect					
R5/04551	Residential	Medium	42	62	62	0	No Effect					
R5/04571	Dwelling	Medium	42	55	55	0	No Effect					

	Enabling Works - Daytime Effects										
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect				
R5/04594	Dwelling	Medium	41	53	54	0	No Effect				
R5/13319	Detached	Medium	44	48	49	1	Very Low				
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	44	48	49	1	Very Low				
R5/13711	Residential	Medium	48	48	51	3	Very Low				
R5/13724	Residential	Medium	54	48	55	7	Very Low				
AONB	Recognised Area of Tranquillity	Medium	46	45	49	4	Very Low				
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	46	45	49	4	Very Low				

2. Enabling Works with Surface Drilling and Grouting

1.2 ENABLING WORKS WITH SURFACE DRILLING AND GROUTING - DAYTIME EFFECTS

	Enabling Works with Surface Drilling and Grouting - Daytime Effects										
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect				
C5/00457	Shop / Showroom	Low	44	60	60	0	No Effect				
C5/00458	Workshop / Light Industrial	Very low	44	63	63	0	No Effect				
C5/00459	Shop / Showroom	Low	44	63	63	0	No Effect				
C5/00460	Shop / Showroom	Low	44	63	63	0	No Effect				
C5/00462	Retail	Low	44	63	63	0	No Effect				
C5/00464	Shop / Showroom	Low	44	63	63	0	No Effect				
C5/00465	Shop / Showroom	Low	44	63	63	0	No Effect				
C5/00469	Shop / Showroom	Low	44	64	64	0	No Effect				
C5/00490	Commercial	Low	55	48	56	8	Very Low				
C5/00525	Other Educational Establishment	Medium	42	45	47	2	Very Low				
C5/00544	Retail	Low	46	48	50	2	Very Low				
C5/00559	Retail	Low	44	53	54	1	Very Low				
C5/00560	Shop / Showroom	Low	44	53	54	1	Very Low				
C5/00561	Shop / Showroom	Low	44	53	54	1	Very Low				
R5/02613	Dwelling	Medium	44	52	52	1	Very Low				
R5/02635	Detached	Medium	45	48	50	2	Very Low				
R5/02636	Detached	Medium	45	48	50	2	Very Low				
R5/02641	Detached	Medium	46	48	50	2	Very Low				
R5/02649	Dwelling	Medium	44	58	58	0	No Effect				
R5/02654	Dwelling	Medium	44	58	58	0	No Effect				
R5/02678	Dwelling	Medium	44	45	47	2	Very Low				
R5/02687	Dwelling	Medium	44	62	62	0	No Effect				

		Enab	ling Works with S	Surface Drilling and Grou	ting - Daytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/02691	Dwelling	Medium	44	67	67	0	No Effect
R5/02705	Dwelling	Medium	44	61	61	0	No Effect
R5/02725	Dwelling	Medium	50	48	52	4	Very Low
R5/02726	Dwelling	Medium	44	64	64	0	No Effect
R5/02728	Semi-Detached	Medium	44	63	63	0	No Effect
R5/02731	Dwelling	Medium	44	60	60	0	No Effect
R5/02741	Dwelling	Medium	44	58	58	0	No Effect
R5/02743	Dwelling	Medium	44	60	60	0	No Effect
R5/02751	Dwelling	Medium	44	58	58	0	No Effect
R5/02761	Dwelling	Medium	44	59	59	0	No Effect
R5/02812	Detached	Medium	44	57	58	0	No Effect
R5/02815	Dwelling	Medium	55	45	55	10	Very Low
R5/02878	Detached	Medium	51	45	52	7	Very Low
R5/02908	Dwelling	Medium	46	60	60	0	No Effect
R5/02914	Dwelling	Medium	46	58	58	0	No Effect
R5/02917	Dwelling	Medium	46	60	60	0	No Effect
R5/02920	Dwelling	Medium	46	60	60	0	No Effect
R5/02925	Dwelling	Medium	46	59	59	0	No Effect
R5/02927	Dwelling	Medium	46	59	60	0	No Effect
R5/02929	Dwelling	Medium	43	45	47	2	Very Low
R5/02987	Dwelling	Medium	58	48	58	10	Very Low
R5/02996	Detached	Medium	45	57	58	0	No Effect
R5/02998	Dwelling	Medium	45	57	57	0	No Effect
R5/03013	Caravan	Medium	45	57	57	0	No Effect
R5/03134	Dwelling	Medium	51	55	57	1	Very Low
R5/03211	Dwelling	Medium	45	45	48	3	Very Low
R5/03236	Dwelling	Medium	44	45	48	3	Very Low
R5/03353	Dwelling	Medium	47	66	66	0	No Effect
R5/03383	Dwelling	Medium	46	48	50	2	Very Low
R5/03422	Dwelling	Medium	47	48	50	2	Very Low

		Enab	ling Works with	Surface Drilling and Grou	ting - Daytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03423	Dwelling	Medium	51	52	54	2	Very Low
R5/03425	Dwelling	Medium	51	52	54	2	Very Low
R5/03427	Dwelling	Medium	47	59	59	0	No Effect
R5/03429	Dwelling	Medium	50	52	54	2	Very Low
R5/03435	Dwelling	Medium	50	52	54	2	Very Low
R5/03438	Dwelling	Medium	46	59	59	0	No Effect
R5/03440	Dwelling	Medium	50	52	54	2	Very Low
R5/03443	Dwelling	Medium	50	52	54	2	Very Low
R5/03460	Dwelling	Medium	46	58	58	0	No Effect
R5/03469	Dwelling	Medium	46	58	58	0	No Effect
R5/03475	Terraced	Medium	46	59	59	0	No Effect
R5/03482	Terraced	Medium	46	58	59	0	No Effect
R5/03484	Dwelling	Medium	46	57	58	0	No Effect
R5/03493	Terraced	Medium	46	58	59	0	No Effect
R5/03496	Dwelling	Medium	46	57	58	0	No Effect
R5/03505	Dwelling	Medium	46	57	57	0	No Effect
R5/03513	Terraced	Medium	45	58	58	0	No Effect
R5/03516	Dwelling	Medium	46	57	57	0	No Effect
R5/03521	Terraced	Medium	45	58	58	0	No Effect
R5/03533	Terraced	Medium	45	58	58	0	No Effect
R5/03554	Dwelling	Medium	45	57	58	0	No Effect
R5/03565	Dwelling	Medium	45	57	57	0	No Effect
R5/03576	Dwelling	Medium	45	57	57	0	No Effect
R5/03591	Dwelling	Medium	45	57	57	0	No Effect
R5/03607	Dwelling	Medium	45	57	57	0	No Effect
R5/03617	Dwelling	Medium	45	56	57	0	No Effect
R5/03647	Dwelling	Medium	45	56	56	0	No Effect
R5/03691	Dwelling	Medium	45	56	56	0	No Effect
R5/03694	Dwelling	Medium	44	57	57	0	No Effect
R5/03705	Dwelling	Medium	44	57	57	0	No Effect

		Enab	ling Works with S	Surface Drilling and Grou	ting - Daytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03723	Dwelling	Medium	44	56	56	0	No Effect
R5/03726	Dwelling	Medium	45	55	56	0	No Effect
R5/03741	Dwelling	Medium	44	56	56	0	No Effect
R5/03746	Terraced	Medium	48	57	58	0	Very Low
R5/03751	Dwelling	Medium	48	59	59	0	No Effect
R5/03755	Dwelling	Medium	48	60	60	0	No Effect
R5/03768	Dwelling	Medium	44	55	56	0	No Effect
R5/03769	Dwelling	Medium	44	55	55	0	No Effect
R5/03796	Dwelling	Medium	44	55	55	0	No Effect
R5/03819	Dwelling	Medium	44	55	55	0	No Effect
R5/03820	Dwelling	Medium	44	54	55	0	No Effect
R5/03902	Dwelling	Medium	44	54	54	0	Very Low
R5/03932	Dwelling	Medium	44	54	54	0	Very Low
R5/03972	Dwelling	Medium	44	53	54	0	Very Low
R5/04078	Dwelling	Medium	46	65	65	0	No Effect
R5/04091	Dwelling	Medium	46	65	65	0	No Effect
R5/04116	Dwelling	Medium	46	65	65	0	No Effect
R5/04481	Dwelling	Medium	44	62	62	0	No Effect
R5/04503	Dwelling	Medium	44	54	54	0	Very Low
R5/04518	Residential	Medium	44	57	57	0	No Effect
R5/04534	Dwelling	Medium	44	54	54	0	No Effect
R5/04537	Dwelling	Medium	44	54	54	0	No Effect
R5/04551	Residential	Medium	44	62	62	0	No Effect
R5/04571	Dwelling	Medium	44	55	56	0	No Effect
R5/04594	Dwelling	Medium	44	53	54	0	Very Low
R5/13319	Detached	Medium	46	48	50	2	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	45	48	50	2	Very Low
R5/13711	Residential	Medium	50	48	52	4	Very Low
R5/13724	Residential	Medium	57	48	58	10	Very Low

	Enabling Works with Surface Drilling and Grouting - Daytime Effects									
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect			
AONB	Recognised Area of Tranquillity	Medium	49	45	50	5	Very Low			
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	49	45	50	5	Very Low			

3. Shaft Sinking

1.3 SHAFT SINKING – DAYTIME EFFECTS

			Shaft Sinkin	g – Daytime Effects			
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
C5/00457	Shop / Showroom	Low	38	60	60	0	No Effect
C5/00458	Workshop / Light Industrial	Very low	38	63	63	0	No Effect
C5/00459	Shop / Showroom	Low	38	63	63	0	No Effect
C5/00460	Shop / Showroom	Low	38	63	63	0	No Effect
C5/00462	Retail	Low	38	63	63	0	No Effect
C5/00464	Shop / Showroom	Low	38	63	63	0	No Effect
C5/00465	Shop / Showroom	Low	38	63	63	0	No Effect
C5/00469	Shop / Showroom	Low	38	64	64	0	No Effect
C5/00490	Commercial	Low	50	48	52	4	Very Low
C5/00525	Other Educational Establishment	Medium	37	45	46	1	Very Low
C5/00544	Retail	Low	40	48	49	1	Very Low
C5/00559	Retail	Low	39	53	53	0	No Effect
C5/00560	Shop / Showroom	Low	39	53	53	0	No Effect
C5/00561	Shop / Showroom	Low	39	53	53	0	No Effect
R5/02613	Dwelling	Medium	38	52	52	0	No Effect
R5/02635	Detached	Medium	40	48	49	1	Very Low
R5/02636	Detached	Medium	40	48	49	1	Very Low
R5/02641	Detached	Medium	40	48	49	1	Very Low
R5/02649	Dwelling	Medium	38	58	58	0	No Effect
R5/02654	Dwelling	Medium	38	58	58	0	No Effect
R5/02678	Dwelling	Medium	39	45	46	1	Very Low
R5/02687	Dwelling	Medium	38	62	62	0	No Effect

			Shaft Sinkin	g – Daytime Effects			
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/02691	Dwelling	Medium	38	67	67	0	No Effect
R5/02705	Dwelling	Medium	39	61	61	0	No Effect
R5/02725	Dwelling	Medium	44	48	49	1	Very Low
R5/02726	Dwelling	Medium	38	64	64	0	No Effect
R5/02728	Semi-Detached	Medium	38	63	63	0	No Effect
R5/02731	Dwelling	Medium	38	60	60	0	No Effect
R5/02741	Dwelling	Medium	37	58	58	0	No Effect
R5/02743	Dwelling	Medium	38	60	60	0	No Effect
R5/02751	Dwelling	Medium	37	58	58	0	No Effect
R5/02761	Dwelling	Medium	38	59	59	0	No Effect
R5/02812	Detached	Medium	37	57	57	0	No Effect
R5/02815	Dwelling	Medium	50	45	51	6	Very Low
R5/02878	Detached	Medium	46	45	48	3	Very Low
R5/02908	Dwelling	Medium	40	60	60	0	No Effect
R5/02914	Dwelling	Medium	40	58	58	0	No Effect
R5/02917	Dwelling	Medium	40	60	60	0	No Effect
R5/02920	Dwelling	Medium	40	60	60	0	No Effect
R5/02925	Dwelling	Medium	40	59	59	0	No Effect
R5/02927	Dwelling	Medium	40	59	59	0	No Effect
R5/02929	Dwelling	Medium	39	45	46	1	Very Low
R5/02987	Dwelling	Medium	53	48	54	6	Low
R5/02996	Detached	Medium	40	57	57	0	No Effect
R5/02998	Dwelling	Medium	39	57	57	0	No Effect
R5/03013	Caravan	Medium	39	57	57	0	No Effect
R5/03134	Dwelling	Medium	46	55	56	0	Very Low
R5/03211	Dwelling	Medium	41	45	46	1	Very Low
R5/03236	Dwelling	Medium	41	45	46	1	Very Low
R5/03353	Dwelling	Medium	41	66	66	0	No Effect
R5/03383	Dwelling	Medium	41	48	49	1	Very Low

			Shaft Sinkin	g – Daytime Effects			
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03422	Dwelling	Medium	41	48	49	1	Very Low
R5/03423	Dwelling	Medium	46	52	53	1	Very Low
R5/03425	Dwelling	Medium	46	52	53	1	Very Low
R5/03427	Dwelling	Medium	41	59	59	0	No Effect
R5/03429	Dwelling	Medium	46	52	53	1	Very Low
R5/03435	Dwelling	Medium	46	52	53	1	Very Low
R5/03438	Dwelling	Medium	41	59	59	0	No Effect
R5/03440	Dwelling	Medium	45	52	53	1	Very Low
R5/03443	Dwelling	Medium	45	52	53	1	Very Low
R5/03460	Dwelling	Medium	41	58	58	0	No Effect
R5/03469	Dwelling	Medium	40	58	58	0	No Effect
R5/03475	Terraced	Medium	40	59	59	0	No Effect
R5/03482	Terraced	Medium	40	58	58	0	No Effect
R5/03484	Dwelling	Medium	40	57	57	0	No Effect
R5/03493	Terraced	Medium	40	58	58	0	No Effect
R5/03496	Dwelling	Medium	40	57	57	0	No Effect
R5/03505	Dwelling	Medium	40	57	57	0	No Effect
R5/03513	Terraced	Medium	40	58	58	0	No Effect
R5/03516	Dwelling	Medium	40	57	57	0	No Effect
R5/03521	Terraced	Medium	40	58	58	0	No Effect
R5/03533	Terraced	Medium	40	58	58	0	No Effect
R5/03554	Dwelling	Medium	40	57	57	0	No Effect
R5/03565	Dwelling	Medium	40	57	57	0	No Effect
R5/03576	Dwelling	Medium	40	57	57	0	No Effect
R5/03591	Dwelling	Medium	40	57	57	0	No Effect
R5/03607	Dwelling	Medium	40	57	57	0	No Effect
R5/03617	Dwelling	Medium	40	56	56	0	No Effect
R5/03647	Dwelling	Medium	39	56	56	0	No Effect
R5/03691	Dwelling	Medium	39	56	56	0	No Effect

			Shaft Sinkin	g – Daytime Effects			
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03694	Dwelling	Medium	39	57	57	0	No Effect
R5/03705	Dwelling	Medium	39	57	57	0	No Effect
R5/03723	Dwelling	Medium	39	56	56	0	No Effect
R5/03726	Dwelling	Medium	39	55	55	0	No Effect
R5/03741	Dwelling	Medium	39	56	56	0	No Effect
R5/03746	Terraced	Medium	43	57	57	0	No Effect
R5/03751	Dwelling	Medium	43	59	59	0	No Effect
R5/03755	Dwelling	Medium	43	60	60	0	No Effect
R5/03768	Dwelling	Medium	39	55	55	0	No Effect
R5/03769	Dwelling	Medium	39	55	55	0	No Effect
R5/03796	Dwelling	Medium	39	55	55	0	No Effect
R5/03819	Dwelling	Medium	39	55	55	0	No Effect
R5/03820	Dwelling	Medium	39	54	54	0	No Effect
R5/03902	Dwelling	Medium	39	54	54	0	No Effect
R5/03932	Dwelling	Medium	39	54	54	0	No Effect
R5/03972	Dwelling	Medium	39	53	54	0	No Effect
R5/04078	Dwelling	Medium	41	65	65	0	No Effect
R5/04091	Dwelling	Medium	41	65	65	0	No Effect
R5/04116	Dwelling	Medium	41	65	65	0	No Effect
R5/04481	Dwelling	Medium	39	62	62	0	No Effect
R5/04503	Dwelling	Medium	39	54	54	0	No Effect
R5/04518	Residential	Medium	39	57	57	0	No Effect
R5/04534	Dwelling	Medium	39	54	54	0	No Effect
R5/04537	Dwelling	Medium	39	54	54	0	No Effect
R5/04551	Residential	Medium	39	62	62	0	No Effect
R5/04571	Dwelling	Medium	39	55	55	0	No Effect
R5/04594	Dwelling	Medium	39	53	54	0	No Effect
R5/13319	Detached	Medium	40	48	49	1	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	40	48	49	1	Very Low

	Shaft Sinking – Daytime Effects										
Receptor	Receptor Classification Sensitivity of Receptor Receptor Sensitivity of Receptor Predicted Noise Level L _{Aeq,T} dB Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB Construction Noise, dB						Magnitude of Effect				
R5/13711	Residential	Medium	44	48	49	1	Very Low				
R5/13724	Residential	Medium	52	48	53	5	Very Low				
AONB	Recognised Area of Tranquillity	Medium	44	45	48	3	Very Low				
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	44	45	48	3	Very Low				

1.4 SHAFT SINKING – WEEKEND EFFECTS

	Shaft Sinking – Weekend Effects									
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect			
C5/00457	Shop / Showroom	Low	38	57	57	0	No Effect			
C5/00458	Workshop / Light Industrial	Very low	38	60	60	0	No Effect			
C5/00459	Shop / Showroom	Low	38	60 60		0	No Effect			
C5/00460	Shop / Showroom	Low	38	60 60		0	No Effect			
C5/00462	Retail	Low	38	60 60		0	No Effect			
C5/00464	Shop / Showroom	Low	38	60	60	0	No Effect			
C5/00465	Shop / Showroom	Low	38	60	60	0	No Effect			
C5/00469	Shop / Showroom	Low	38	61	61	0	No Effect			
C5/00490	Commercial	Low	50	44	51	4	Very Low			
C5/00525	Other Educational Establishment	Medium	37	41	42	1	Very Low			
C5/00544	Retail	Low	40	44	45	1	Very Low			
C5/00559	Retail	Low	39	50	50	0	No Effect			
C5/00560	Shop / Showroom	Low	39	50	50	0	No Effect			
C5/00561	Shop / Showroom	Low	39	50	50	0	No Effect			
R5/02613	Dwelling	Medium	38	49	49	0	No Effect			
R5/02635	Detached	Medium	40	45	46	1	Very Low			
R5/02636	Detached	Medium	40	45	46	1	Very Low			
R5/02641	Detached	Medium	40	45	46	1	Very Low			
R5/02649	Dwelling	Medium	38	55	55	0	No Effect			
R5/02654	Dwelling	Medium	38	55	55	0	No Effect			
R5/02678	Dwelling	Medium	39	41	43	1	Very Low			
R5/02687	Dwelling	Medium	38	59	59	0	No Effect			
R5/02691	Dwelling	Medium	38	64	64	0	No Effect			
R5/02705	Dwelling	Medium	39	58	58	0	No Effect			
R5/02725	Dwelling	Medium	44	45	47	1	Very Low			
R5/02726	Dwelling	Medium	38	61	61	0	No Effect			
R5/02728	Semi-Detached	Medium	38	60	60	0	No Effect			
R5/02731	Dwelling	Medium	38	57	57	0	No Effect			

			Shaft Sinking	- Weekend Effects			
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/02741	Dwelling	Medium	37	55	55	0	No Effect
R5/02743	Dwelling	Medium	38	57	57	0	No Effect
R5/02751	Dwelling	Medium	37	55	55	0	No Effect
R5/02761	Dwelling	Medium	38	56	56	0	No Effect
R5/02812	Detached	Medium	37	54	54	0	No Effect
R5/02815	Dwelling	Medium	50	41	50	6	Very Low
R5/02878	Detached	Medium	46	41	47	3	Very Low
R5/02908	Dwelling	Medium	40	57	57	0	No Effect
R5/02914	Dwelling	Medium	40	55	55	0	No Effect
R5/02917	Dwelling	Medium	40	57	57	0	No Effect
R5/02920	Dwelling	Medium	40	57	57	0	No Effect
R5/02925	Dwelling	Medium	40	56	56	0	No Effect
R5/02927	Dwelling	Medium	40	56	57	0	No Effect
R5/02929	Dwelling	Medium	39	41	43	1	Very Low
R5/02987	Dwelling	Medium	53	44	53	6	Low
R5/02996	Detached	Medium	40	54	54	0	No Effect
R5/02998	Dwelling	Medium	39	54	54	0	No Effect
R5/03013	Caravan	Medium	39	54	54	0	No Effect
R5/03134	Dwelling	Medium	46	52	53	0	Very Low
R5/03211	Dwelling	Medium	41	41	44	1	Very Low
R5/03236	Dwelling	Medium	41	41	44	1	Very Low
R5/03353	Dwelling	Medium	41	63	63	0	No Effect
R5/03383	Dwelling	Medium	41	44	46	1	Very Low
R5/03422	Dwelling	Medium	41	44	46	1	Very Low
R5/03423	Dwelling	Medium	46	49	50	1	Very Low
R5/03425	Dwelling	Medium	46	49	50	1	Very Low
R5/03427	Dwelling	Medium	41	56	56	0	No Effect
R5/03429	Dwelling	Medium	46	49	50	1	Very Low
R5/03435	Dwelling	Medium	46	49	50	1	Very Low

			Shaft Sinking	- Weekend Effects			
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03438	Dwelling	Medium	41	56	56	0	No Effect
R5/03440	Dwelling	Medium	45	49	50	1	Very Low
R5/03443	Dwelling	Medium	45	49	50	1	Very Low
R5/03460	Dwelling	Medium	41	55	55	0	No Effect
R5/03469	Dwelling	Medium	40	55	55	0	No Effect
R5/03475	Terraced	Medium	40	56	56	0	No Effect
R5/03482	Terraced	Medium	40	55	56	0	No Effect
R5/03484	Dwelling	Medium	40	54	55	0	No Effect
R5/03493	Terraced	Medium	40	55	55	0	No Effect
R5/03496	Dwelling	Medium	40	54	54	0	No Effect
R5/03505	Dwelling	Medium	40	54	54	0	No Effect
R5/03513	Terraced	Medium	40	55	55	0	No Effect
R5/03516	Dwelling	Medium	40	54	54	0	No Effect
R5/03521	Terraced	Medium	40	55	55	0	No Effect
R5/03533	Terraced	Medium	40	55	55	0	No Effect
R5/03554	Dwelling	Medium	40	54	54	0	No Effect
R5/03565	Dwelling	Medium	40	54	54	0	No Effect
R5/03576	Dwelling	Medium	40	54	54	0	No Effect
R5/03591	Dwelling	Medium	40	54	54	0	No Effect
R5/03607	Dwelling	Medium	40	54	54	0	No Effect
R5/03617	Dwelling	Medium	40	53	53	0	No Effect
R5/03647	Dwelling	Medium	39	53	53	0	No Effect
R5/03691	Dwelling	Medium	39	53	53	0	No Effect
R5/03694	Dwelling	Medium	39	54	54	0	No Effect
R5/03705	Dwelling	Medium	39	54	54	0	No Effect
R5/03723	Dwelling	Medium	39	53	53	0	No Effect
R5/03726	Dwelling	Medium	39	52	52	0	No Effect
R5/03741	Dwelling	Medium	39	53	53	0	No Effect
R5/03746	Terraced	Medium	43	54	54	0	No Effect

			Shaft Sinking	- Weekend Effects			
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03751	Dwelling	Medium	43	56	56	0	No Effect
R5/03755	Dwelling	Medium	43	57	57	0	No Effect
R5/03768	Dwelling	Medium	39	52 52		0	No Effect
R5/03769	Dwelling	Medium	39	52	52	0	No Effect
R5/03796	Dwelling	Medium	39	52	52	0	No Effect
R5/03819	Dwelling	Medium	39	52	52	0	No Effect
R5/03820	Dwelling	Medium	39	51	52	0	No Effect
R5/03902	Dwelling	Medium	39	51	51	0	No Effect
R5/03932	Dwelling	Medium	39	51	51	0	No Effect
R5/03972	Dwelling	Medium	39	50	51	0	No Effect
R5/04078	Dwelling	Medium	41	62	62	0	No Effect
R5/04091	Dwelling	Medium	41	62	62	0	No Effect
R5/04116	Dwelling	Medium	41	62	62	0	No Effect
R5/04481	Dwelling	Medium	39	59	59	0	No Effect
R5/04503	Dwelling	Medium	39	51	51	0	No Effect
R5/04518	Residential	Medium	39	54	54	0	No Effect
R5/04534	Dwelling	Medium	39	51	51	0	No Effect
R5/04537	Dwelling	Medium	39	51	51	0	No Effect
R5/04551	Residential	Medium	39	59	59	0	No Effect
R5/04571	Dwelling	Medium	39	52	52	0	No Effect
R5/04594	Dwelling	Medium	39	50	51	0	No Effect
R5/13319	Detached	Medium	40	45	46	1	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	40	45	46	1	Very Low
R5/13711	Residential	Medium	44	45	47	1	Very Low
R5/13724	Residential	Medium	52	44	52	5	Very Low
AONB	Recognised Area of Tranquillity	Medium	44	41	46	3	Very Low
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	44	57	57	3	Very Low

1.5 SHAFT SINKING - NIGHT-TIME EFFECTS

			Shaft Sinl	king – Night-time Effe	cts		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night-time Pre Construction Noise, dB	Magnitude of Effect
C5/00457	Shop / Showroom	Low	28	38	38	0	No Effect
C5/00458	Workshop / Light Industrial	Very low	28	38	38	0	No Effect
C5/00459	Shop / Showroom	Low	28	38	38	0	No Effect
C5/00460	Shop / Showroom	Low	28	38	38	0	No Effect
C5/00462	Retail	Low	28	38	38	0	No Effect
C5/00464	Shop / Showroom	Low	28	38	38	0	No Effect
C5/00465	Shop / Showroom	Low	28	38	38	0	No Effect
C5/00469	Shop / Showroom	Low	28	38	38	0	Very Low
C5/00490	Commercial	Low	40	38	42	4	Low
C5/00525	Other Educational Establishment	Medium	27	37	37	0	Very Low
C5/00544	Retail	Low	30	38	39	1	Very Low
C5/00559	Retail	Low	29	38	39	1	Very Low
C5/00560	Shop / Showroom	Low	29	38	39	1	Very Low
C5/00561	Shop / Showroom	Low	29	38	39	1	Very Low
R5/02613	Dwelling	Medium	28	38	38	0	No Effect
R5/02635	Detached	Medium	29	38	39	1	Very Low
R5/02636	Detached	Medium	29	38	39	1	Very Low
R5/02641	Detached	Medium	30	38	39	1	Very Low
R5/02649	Dwelling	Medium	28	38	38	0	No Effect
R5/02654	Dwelling	Medium	28	38	38	0	No Effect
R5/02678	Dwelling	Medium	28	37	38	1	Very Low
R5/02687	Dwelling	Medium	28	38	38	0	Very Low
R5/02691	Dwelling	Medium	28	38	38	0	No Effect
R5/02705	Dwelling	Medium	28	38	38	0	Very Low
R5/02725	Dwelling	Medium	33	38	39	1	Very Low
R5/02726	Dwelling	Medium	28	38	38	0	No Effect
R5/02728	Semi-Detached	Medium	28	38	38	0	No Effect

			Shaft Sinl	king – Night-time Effe	cts		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night-time Pre Construction Noise, dB	Magnitude of Effect
R5/02731	Dwelling	Medium	28	38	38	0	No Effect
R5/02741	Dwelling	Medium	27	38	38	0	No Effect
R5/02743	Dwelling	Medium	28	38	38	0	No Effect
R5/02751	Dwelling	Medium	27	38	38	0	No Effect
R5/02761	Dwelling	Medium	28	38	38	0	No Effect
R5/02812	Detached	Medium	27	38	38	0	No Effect
R5/02815	Dwelling	Medium	39	37	41	4	Low
R5/02878	Detached	Medium	35	37	39	2	Very Low
R5/02908	Dwelling	Medium	30	38	39	1	Very Low
R5/02914	Dwelling	Medium	30	38	39	1	Very Low
R5/02917	Dwelling	Medium	31	38	39	1	Very Low
R5/02920	Dwelling	Medium	30	38	39	1	Very Low
R5/02925	Dwelling	Medium	30	38	39	1	Very Low
R5/02927	Dwelling	Medium	30	38	39	1	Very Low
R5/02929	Dwelling	Medium	28	37	37	0	Very Low
R5/02987	Dwelling	Medium	43	38	44	6	Low
R5/02996	Detached	Medium	30	38	39	1	Very Low
R5/02998	Dwelling	Medium	30	38	39	1	Very Low
R5/03013	Caravan	Medium	30	38	39	1	Very Low
R5/03134	Dwelling	Medium	36	38	40	2	Low
R5/03211	Dwelling	Medium	30	37	38	1	Very Low
R5/03236	Dwelling	Medium	30	37	38	1	Very Low
R5/03353	Dwelling	Medium	31	38	39	1	Very Low
R5/03383	Dwelling	Medium	31	38	39	1	Very Low
R5/03422	Dwelling	Medium	31	38	39	1	Very Low
R5/03423	Dwelling	Medium	36	38	40	2	Very Low
R5/03425	Dwelling	Medium	35	38	40	2	Very Low
R5/03427	Dwelling	Medium	31	38	39	1	Very Low

			Shaft Sinl	king – Night-time Effe	cts		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night-time Pre Construction Noise, dB	Magnitude of Effect
R5/03429	Dwelling	Medium	35	38	40	2	Very Low
R5/03435	Dwelling	Medium	35	38	40	2	Very Low
R5/03438	Dwelling	Medium	31	38	39	1	Very Low
R5/03440	Dwelling	Medium	35	38	40	2	Very Low
R5/03443	Dwelling	Medium	35	38	40	2	Very Low
R5/03460	Dwelling	Medium	30	38	39	1	Very Low
R5/03469	Dwelling	Medium	30	38	39	1	Very Low
R5/03475	Terraced	Medium	30	38	39	1	Very Low
R5/03482	Terraced	Medium	30	38	39	1	Very Low
R5/03484	Dwelling	Medium	30	38	39	1	Very Low
R5/03493	Terraced	Medium	30	38	39	1	Very Low
R5/03496	Dwelling	Medium	30	38	39	1	Very Low
R5/03505	Dwelling	Medium	30	38	39	1	Very Low
R5/03513	Terraced	Medium	30	38	39	1	Very Low
R5/03516	Dwelling	Medium	30	38	39	1	Very Low
R5/03521	Terraced	Medium	30	38	39	1	Very Low
R5/03533	Terraced	Medium	30	38	39	1	Very Low
R5/03554	Dwelling	Medium	30	38	39	1	Very Low
R5/03565	Dwelling	Medium	30	38	39	1	Very Low
R5/03576	Dwelling	Medium	30	38	39	1	Very Low
R5/03591	Dwelling	Medium	30	38	39	1	Very Low
R5/03607	Dwelling	Medium	30	38	39	1	Very Low
R5/03617	Dwelling	Medium	30	38	39	1	Very Low
R5/03647	Dwelling	Medium	29	38	39	1	Very Low
R5/03691	Dwelling	Medium	29	38	39	1	Very Low
R5/03694	Dwelling	Medium	29	38	38	0	Very Low
R5/03705	Dwelling	Medium	29	38	38	0	Very Low
R5/03723	Dwelling	Medium	29	38	38	0	Very Low

Shaft Sinking – Night-time Effects							
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night-time Pre Construction Noise, dB	Magnitude of Effect
R5/03726	Dwelling	Medium	29	38	39	1	Very Low
R5/03741	Dwelling	Medium	29	38	38	0	Very Low
R5/03746	Terraced	Medium	32	38	39	1	Very Low
R5/03751	Dwelling	Medium	32	38	39	1	Very Low
R5/03755	Dwelling	Medium	32	38	39	1	Very Low
R5/03768	Dwelling	Medium	29	38	38	0	Very Low
R5/03769	Dwelling	Medium	29	38	39	1	Very Low
R5/03796	Dwelling	Medium	29	38	38	0	Very Low
R5/03819	Dwelling	Medium	29	38	38	0	Very Low
R5/03820	Dwelling	Medium	29	38	38	0	Very Low
R5/03902	Dwelling	Medium	29	38	38	0	Very Low
R5/03932	Dwelling	Medium	29	38	38	0	Very Low
R5/03972	Dwelling	Medium	29	38	38	0	Very Low
R5/04078	Dwelling	Medium	31	38	39	1	Very Low
R5/04091	Dwelling	Medium	31	38	39	1	Very Low
R5/04116	Dwelling	Medium	31	38	39	1	Very Low
R5/04481	Dwelling	Medium	29	38	39	1	Very Low
R5/04503	Dwelling	Medium	29	38	38	0	Very Low
R5/04518	Residential	Medium	29	38	38	0	Very Low
R5/04534	Dwelling	Medium	29	38	38	0	Very Low
R5/04537	Dwelling	Medium	29	38	38	0	Very Low
R5/04551	Residential	Medium	29	38	38	0	Very Low
R5/04571	Dwelling	Medium	29	38	38	0	Very Low
R5/04594	Dwelling	Medium	28	38	38	0	Very Low
R5/13319	Detached	Medium	29	38	39	1	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	29	38	39	1	Very Low
R5/13711	Residential	Medium	33	38	39	1	Very Low
R5/13724	Residential	Medium	42	38	43	5	Low

	Shaft Sinking – Night-time Effects						
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night-time Pre Construction Noise, dB	Magnitude of Effect
AONB	Recognised Area of Tranquillity	Medium	33	37	39	2	Very Low
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	33	37	39	2	Very Low

1.6 SHAFT SINKING - OVERALL MAGNITUDE OF EFFECT

Shaft Sinking - Overall Magnitude of Effect				
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods	
C5/00457	Shop / Showroom	Low	No Effect	
C5/00458	Workshop / Light Industrial	Very low	No Effect	
C5/00459	Shop / Showroom	Low	No Effect	
C5/00460	Shop / Showroom	Low	No Effect	
C5/00462	Retail	Low	No Effect	
C5/00464	Shop / Showroom	Low	No Effect	
C5/00465	Shop / Showroom	Low	No Effect	
C5/00469	Shop / Showroom	Low	Very Low	
C5/00490	Commercial	Low	Low	
C5/00525	Other Educational Establishment	Medium	Very Low	
C5/00544	Retail	Low	Very Low	
C5/00559	Retail	Low	Very Low	
C5/00560	Shop / Showroom	Low	Very Low	
C5/00561	Shop / Showroom	Low	Very Low	
R5/02613	Dwelling	Medium	No Effect	
R5/02635	Detached	Medium	Very Low	
R5/02636	Detached	Medium	Very Low	
R5/02641	Detached	Medium	Very Low	
R5/02649	Dwelling	Medium	No Effect	
R5/02654	Dwelling	Medium	No Effect	
R5/02678	Dwelling	Medium	Very Low	
R5/02687	Dwelling	Medium	Very Low	
R5/02691	Dwelling	Medium	No Effect	
R5/02705	Dwelling	Medium	Very Low	
R5/02725	Dwelling	Medium	Very Low	
R5/02726	Dwelling	Medium	No Effect	
R5/02728	Semi-Detached	Medium	No Effect	
R5/02731	Dwelling	Medium	No Effect	
R5/02741	Dwelling	Medium	No Effect	

Receptor Receptor Classification Sensitivity of Receptor Maximum Magnitude of Effect Over all Periods R.5/02743 Dwelling Medium No Effect R.5/02761 Dwelling Medium No Effect R.5/02762 Dwalling Medium No Effect R.5/02815 Dwelling Medium No Effect R.5/02816 Dwelling Medium Low R.5/02817 Detached Medium Very Low R.5/02818 Dwelling Medium Very Low R.5/02818 Dwelling Medium Very Low R.5/02817 Dwelling Medium Very Low R.5/02814 Dwelling Medium Very Low R.5/02820 Dwelling Medium Very Low R.5/02821 Dwelling Medium Very Low R.5/02822 Dwelling Medium Very Low R.5/02827 Dwelling Medium Very Low R.5/02827 Dwelling Medium Very Low R.5/0	Shaft Sinking - Overall Magnitude of Effect					
R5/02/751 Dwelling Medium No Effect R5/02/812 Detached Medium No Effect R5/02/815 Detached Medium No Effect R5/02/815 Dwelling Medium Low R5/02/818 Detached Medium Very Low R5/02/814 Dwelling Medium Very Low R5/02/914 Dwelling Medium Very Low R5/02/917 Dwelling Medium Very Low R5/02/917 Dwelling Medium Very Low R5/02/917 Dwelling Medium Very Low R5/02/927 Dwelling Medium Very Low R5/02/927 Dwelling Medium Very Low R5/02/929 Dwelling Medium Very Low R5/02/929 Dwelling Medium Very Low R5/02/938 Dwelling Medium Very Low R5/02/938 Dwelling Medium Very Low R5/03/14 Dwelling Medium <	Receptor	Receptor Classification	Sensitivity of Receptor			
R5/02761 Dwelling Medium No Effect R5/02815 Detached Medium No Effect R5/02878 Detached Medium Low R5/02878 Detached Medium Very Low R5/02908 Dwelling Medium Very Low R5/02914 Dwelling Medium Very Low R5/02917 Dwelling Medium Very Low R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02936 Description Medium Very Low R5/02929 Dwelling Medium Very Low R5/02936 Description Medium Very Low R5/02936 Description Medium Very Low R5/02938 Dwelling Medium Very Low R5/030313 Caravan Medium Very	R5/02743	Dwelling	Medium	No Effect		
R5/02812 Detached Medium No Effect R5/02815 Dwelling Medium Low R5/02878 Detached Medium Very Low R5/02918 Dwelling Medium Very Low R5/02914 Dwelling Medium Very Low R5/02917 Dwelling Medium Very Low R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02936 Dwelling Medium Very Low R5/03134 Dwelling Medium Very Low R5/03134 Dwelling Medium Very Low	R5/02751	Dwelling	Medium	No Effect		
R5/02815 Dwelling Medium Low R5/02878 Detached Medium Very Low R5/02914 Dwelling Medium Very Low R5/02917 Dwelling Medium Very Low R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02928 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Very Low R5/02987 Dwelling Medium Very Low R5/02988 Dwelling Medium Very Low R5/03938 Dwelling Medium Very Low R5/03134 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low	R5/02761	Dwelling	Medium	No Effect		
R5/02876 Detached Medium Very Low R5/02908 Dwelling Medium Very Low R5/02914 Dwelling Medium Very Low R5/02917 Dwelling Medium Very Low R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Very Low R5/02986 Detached Medium Very Low R5/02988 Dwelling Medium Very Low R5/03913 Caravan Medium Very Low R5/03134 Dwelling Medium Very Low R5/03215 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03237 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low <td>R5/02812</td> <td>Detached</td> <td>Medium</td> <td>No Effect</td>	R5/02812	Detached	Medium	No Effect		
R5/02908 Dwelling Medium Very Low R5/02914 Dwelling Medium Very Low R5/02917 Dwelling Medium Very Low R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02996 Detached Medium Very Low R5/02998 Dwelling Medium Very Low R5/02998 Dwelling Medium Very Low R5/02998 Dwelling Medium Very Low R5/03913 Caravan Medium Very Low R5/03134 Dwelling Medium Very Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03423 Dwelling Medium Very Low R5/03423 Dwelling Medium Low	R5/02815	Dwelling	Medium	Low		
R5/02914 Dwelling Medium Very Low R5/02917 Dwelling Medium Very Low R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Low R5/02998 Detached Medium Very Low R5/03013 Caravan Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Very Low R5/03211 Dwelling Medium Very Low R5/03363 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/034247 Dwelling Medium Low	R5/02878	Detached	Medium	Very Low		
R5/02917 Dwelling Medium Very Low R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Low R5/02998 Detached Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Very Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Very Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Low R5/03428 Dwelling Medium Low	R5/02908	Dwelling	Medium	Very Low		
R5/02920 Dwelling Medium Very Low R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Low R5/02996 Detached Medium Very Low R5/02998 Dwelling Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Very Low R5/03221 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03438 Dwelling Medium Very Low R5/03422 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Low R5/03429 Dwelling Medium Low	R5/02914	Dwelling	Medium	Very Low		
R5/02925 Dwelling Medium Very Low R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Low R5/02996 Detached Medium Very Low R5/02998 Dwelling Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Very Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Very Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low	R5/02917	Dwelling	Medium	Very Low		
R5/02927 Dwelling Medium Very Low R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Low R5/02998 Detached Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Very Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Low R5/03429 Dwelling Medium Low R5/03438 Dwelling Medium Low	R5/02920	Dwelling	Medium	Very Low		
R5/02929 Dwelling Medium Very Low R5/02987 Dwelling Medium Low R5/02996 Detached Medium Very Low R5/02998 Dwelling Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03438 Dwelling Medium Very Low R5/03422 Dwelling Medium Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Low	R5/02925	Dwelling	Medium	Very Low		
R5/02987 Dwelling Medium Low R5/02996 Detached Medium Very Low R5/02998 Dwelling Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03422 Dwelling Medium Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Low	R5/02927	Dwelling	Medium	Very Low		
R5/02996 Detached Medium Very Low R5/02998 Dwelling Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Very Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Low	R5/02929	Dwelling	Medium	Very Low		
R5/02998 Dwelling Medium Very Low R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Low	R5/02987	Dwelling	Medium	Low		
R5/03013 Caravan Medium Very Low R5/03134 Dwelling Medium Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/02996	Detached	Medium	Very Low		
R5/03134 Dwelling Medium Low R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/02998	Dwelling	Medium	Very Low		
R5/03211 Dwelling Medium Very Low R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Very Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/03013	Caravan	Medium	Very Low		
R5/03236 Dwelling Medium Very Low R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Very Low R5/03427 Dwelling Medium Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/03134	Dwelling	Medium	Low		
R5/03353 Dwelling Medium Very Low R5/03383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Very Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/03211	Dwelling	Medium	Very Low		
R5/0383 Dwelling Medium Very Low R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Very Low R5/03438 Dwelling Medium Very Low	R5/03236	Dwelling	Medium	Very Low		
R5/03422 Dwelling Medium Very Low R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Very Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/03353	Dwelling	Medium	Very Low		
R5/03423 Dwelling Medium Low R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/03383	Dwelling	Medium	Very Low		
R5/03425 Dwelling Medium Low R5/03427 Dwelling Medium Very Low R5/03429 Dwelling Medium Low R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/03422	Dwelling	Medium	Very Low		
R5/03427DwellingMediumVery LowR5/03429DwellingMediumLowR5/03435DwellingMediumLowR5/03438DwellingMediumVery Low	R5/03423	Dwelling	Medium	Low		
R5/03429DwellingMediumLowR5/03435DwellingMediumLowR5/03438DwellingMediumVery Low	R5/03425	Dwelling	Medium	Low		
R5/03435 Dwelling Medium Low R5/03438 Dwelling Medium Very Low	R5/03427	Dwelling	Medium	Very Low		
R5/03438 Dwelling Medium Very Low	R5/03429	Dwelling	Medium	Low		
	R5/03435	Dwelling	Medium	Low		
R5/03440 Dwelling Medium Low	R5/03438	Dwelling	Medium	Very Low		
	R5/03440	Dwelling	Medium	Low		

Shaft Sinking - Overall Magnitude of Effect					
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods		
R5/03443	Dwelling	Medium	Low		
R5/03460	Dwelling	Medium	Very Low		
R5/03469	Dwelling	Medium	Very Low		
R5/03475	Terraced	Medium	Very Low		
R5/03482	Terraced	Medium	Very Low		
R5/03484	Dwelling	Medium	Very Low		
R5/03493	Terraced	Medium	Very Low		
R5/03496	Dwelling	Medium	Very Low		
R5/03505	Dwelling	Medium	Very Low		
R5/03513	Terraced	Medium	Very Low		
R5/03516	Dwelling	Medium	Very Low		
R5/03521	Terraced	Medium	Very Low		
R5/03533	Terraced	Medium	Very Low		
R5/03554	Dwelling	Medium	Very Low		
R5/03565	Dwelling	Medium	Very Low		
R5/03576	Dwelling	Medium	Very Low		
R5/03591	Dwelling	Medium	Very Low		
R5/03607	Dwelling	Medium	Very Low		
R5/03617	Dwelling	Medium	Very Low		
R5/03647	Dwelling	Medium	Very Low		
R5/03691	Dwelling	Medium	Very Low		
R5/03694	Dwelling	Medium	Very Low		
R5/03705	Dwelling	Medium	Very Low		
R5/03723	Dwelling	Medium	Very Low		
R5/03726	Dwelling	Medium	Very Low		
R5/03741	Dwelling	Medium	Very Low		
R5/03746	Terraced	Medium	Very Low		
R5/03751	Dwelling	Medium	Very Low		
R5/03755	Dwelling	Medium	Very Low		
R5/03768	Dwelling	Medium	Very Low		

	Sha	ft Sinking - Overall Magnitude of Effect	
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods
R5/03769	Dwelling	Medium	Very Low
R5/03796	Dwelling	Medium	Very Low
R5/03819	Dwelling	Medium	Very Low
R5/03820	Dwelling	Medium	Very Low
R5/03902	Dwelling	Medium	Very Low
R5/03932	Dwelling	Medium	Very Low
R5/03972	Dwelling	Medium	Very Low
R5/04078	Dwelling	Medium	Very Low
R5/04091	Dwelling	Medium	Very Low
R5/04116	Dwelling	Medium	Very Low
R5/04481	Dwelling	Medium	Very Low
R5/04503	Dwelling	Medium	Very Low
R5/04518	Residential	Medium	Very Low
R5/04534	Dwelling	Medium	Very Low
R5/04537	Dwelling	Medium	Very Low
R5/04551	Residential	Medium	Very Low
R5/04571	Dwelling	Medium	Very Low
R5/04594	Dwelling	Medium	Very Low
R5/13319	Detached	Medium	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	Very Low
R5/13711	Residential	Medium	Very Low
R5/13724	Residential	Medium	Low
AONB	Recognised Area of Tranquillity	Medium	Very Low
las Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	Very Low

4. Tunnel Related Works – TBM Method (Scenarios 1 and 2)

1.7 TUNNEL RELATED WORKS TBM METHOD (SCENARIOS 1 AND 2) - DAYTIME EFFECTS

		Tunnel I	Related Works TE	BM Method (Scenarios 1 a	nd 2) - Daytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
C5/00457	Shop / Showroom	Low	39	60	60	0	No Effect
C5/00458	Workshop / Light Industrial	Very low	38	63	63	0	No Effect
C5/00459	Shop / Showroom	Low	38	63	63	0	No Effect
C5/00460	Shop / Showroom	Low	39	63	63	0	No Effect
C5/00462	Retail	Low	39	63	63	0	No Effect
C5/00464	Shop / Showroom	Low	39	63	63	0	No Effect
C5/00465	Shop / Showroom	Low	39	63	63	0	No Effect
C5/00469	Shop / Showroom	Low	39	64	64	0	No Effect
C5/00490	Commercial	Low	49	48	52	4	Very Low
C5/00525	Other Educational Establishment	Medium	38	45	46	1	Very Low
C5/00544	Retail	Low	40	48	49	1	Very Low
C5/00559	Retail	Low	39	53	53	0	No Effect
C5/00560	Shop / Showroom	Low	39	53	53	0	No Effect
C5/00561	Shop / Showroom	Low	39	53	53	0	No Effect
R5/02613	Dwelling	Medium	39	52	52	0	No Effect
R5/02635	Detached	Medium	41	48	49	1	Very Low
R5/02636	Detached	Medium	41	48	49	1	Very Low
R5/02641	Detached	Medium	42	48	49	1	Very Low
R5/02649	Dwelling	Medium	39	58	58	0	No Effect
R5/02654	Dwelling	Medium	39	58	58	0	No Effect
R5/02678	Dwelling	Medium	41	45	46	1	Very Low

		Tunnel I	Related Works TE	BM Method (Scenarios 1 a	nd 2) - Daytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/02687	Dwelling	Medium	39	62	62	0	No Effect
R5/02691	Dwelling	Medium	38	67	67	0	No Effect
R5/02705	Dwelling	Medium	39	61	61	0	No Effect
R5/02725	Dwelling	Medium	45	48	50	2	Very Low
R5/02726	Dwelling	Medium	38	64	64	0	No Effect
R5/02728	Semi-Detached	Medium	38	63	63	0	No Effect
R5/02731	Dwelling	Medium	38	60	60	0	No Effect
R5/02741	Dwelling	Medium	38	58	58	0	No Effect
R5/02743	Dwelling	Medium	38	60	60	0	No Effect
R5/02751	Dwelling	Medium	38	58	58	0	No Effect
R5/02761	Dwelling	Medium	38	59	59	0	No Effect
R5/02812	Detached	Medium	38	57	57	0	No Effect
R5/02815	Dwelling	Medium	51	45	52	7	Very Low
R5/02878	Detached	Medium	47	45	49	4	Very Low
R5/02908	Dwelling	Medium	40	60	60	0	No Effect
R5/02914	Dwelling	Medium	40	58	58	0	No Effect
R5/02917	Dwelling	Medium	40	60	60	0	No Effect
R5/02920	Dwelling	Medium	40	60	60	0	No Effect
R5/02925	Dwelling	Medium	40	59	59	0	No Effect
R5/02927	Dwelling	Medium	40	59	59	0	No Effect
R5/02929	Dwelling	Medium	40	45	46	1	Very Low
R5/02987	Dwelling	Medium	53	48	54	6	Low
R5/02996	Detached	Medium	40	57	57	0	No Effect
R5/02998	Dwelling	Medium	39	57	57	0	No Effect
R5/03013	Caravan	Medium	40	57	57	0	No Effect
R5/03134	Dwelling	Medium	46	55	56	0	Very Low
R5/03211	Dwelling	Medium	42	45	47	2	Very Low
R5/03236	Dwelling	Medium	42	45	47	2	Very Low
R5/03353	Dwelling	Medium	41	66	66	0	No Effect

		Tunnel	Related Works TE	BM Method (Scenarios 1 a	nd 2) - Daytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03383	Dwelling	Medium	41	48	49	1	Very Low
R5/03422	Dwelling	Medium	41	48	49	1	Very Low
R5/03423	Dwelling	Medium	46	52	53	1	Very Low
R5/03425	Dwelling	Medium	46	52	53	1	Very Low
R5/03427	Dwelling	Medium	41	59	59	0	No Effect
R5/03429	Dwelling	Medium	46	52	53	1	Very Low
R5/03435	Dwelling	Medium	46	52	53	1	Very Low
R5/03438	Dwelling	Medium	41	59	59	0	No Effect
R5/03440	Dwelling	Medium	46	52	53	1	Very Low
R5/03443	Dwelling	Medium	45	52	53	1	Very Low
R5/03460	Dwelling	Medium	41	58	58	0	No Effect
R5/03469	Dwelling	Medium	41	58	58	0	No Effect
R5/03475	Terraced	Medium	41	59	59	0	No Effect
R5/03482	Terraced	Medium	41	58	58	0	No Effect
R5/03484	Dwelling	Medium	41	57	57	0	No Effect
R5/03493	Terraced	Medium	41	58	58	0	No Effect
R5/03496	Dwelling	Medium	41	57	57	0	No Effect
R5/03505	Dwelling	Medium	41	57	57	0	No Effect
R5/03513	Terraced	Medium	40	58	58	0	No Effect
R5/03516	Dwelling	Medium	41	57	57	0	No Effect
R5/03521	Terraced	Medium	40	58	58	0	No Effect
R5/03533	Terraced	Medium	40	58	58	0	No Effect
R5/03554	Dwelling	Medium	40	57	57	0	No Effect
R5/03565	Dwelling	Medium	40	57	57	0	No Effect
R5/03576	Dwelling	Medium	40	57	57	0	No Effect
R5/03591	Dwelling	Medium	40	57	57	0	No Effect
R5/03607	Dwelling	Medium	40	57	57	0	No Effect
R5/03617	Dwelling	Medium	40	56	56	0	No Effect
R5/03647	Dwelling	Medium	40	56	56	0	No Effect

		Tunnel I	Related Works TE	BM Method (Scenarios 1 a	nd 2) - Daytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03691	Dwelling	Medium	40	56	56	0	No Effect
R5/03694	Dwelling	Medium	39	57	57	0	No Effect
R5/03705	Dwelling	Medium	39	57	57	0	No Effect
R5/03723	Dwelling	Medium	39	56	56	0	No Effect
R5/03726	Dwelling	Medium	40	55	55	0	No Effect
R5/03741	Dwelling	Medium	39	56	56	0	No Effect
R5/03746	Terraced	Medium	43	57	57	0	No Effect
R5/03751	Dwelling	Medium	43	59	59	0	No Effect
R5/03755	Dwelling	Medium	43	60	60	0	No Effect
R5/03768	Dwelling	Medium	39	55	55	0	No Effect
R5/03769	Dwelling	Medium	39	55	55	0	No Effect
R5/03796	Dwelling	Medium	39	55	55	0	No Effect
R5/03819	Dwelling	Medium	39	55	55	0	No Effect
R5/03820	Dwelling	Medium	39	54	54	0	No Effect
R5/03902	Dwelling	Medium	39	54	54	0	No Effect
R5/03932	Dwelling	Medium	39	54	54	0	No Effect
R5/03972	Dwelling	Medium	39	53	54	0	No Effect
R5/04078	Dwelling	Medium	42	65	65	0	No Effect
R5/04091	Dwelling	Medium	41	65	65	0	No Effect
R5/04116	Dwelling	Medium	41	65	65	0	No Effect
R5/04481	Dwelling	Medium	40	62	62	0	No Effect
R5/04503	Dwelling	Medium	39	54	54	0	No Effect
R5/04518	Residential	Medium	40	57	57	0	No Effect
R5/04534	Dwelling	Medium	39	54	54	0	No Effect
R5/04537	Dwelling	Medium	39	54	54	0	No Effect
R5/04551	Residential	Medium	39	62	62	0	No Effect
R5/04571	Dwelling	Medium	40	55	55	0	No Effect
R5/04594	Dwelling	Medium	39	53	54	0	No Effect
R5/13319	Detached	Medium	41	48	49	1	Very Low

	Tunnel Related Works TBM Method (Scenarios 1 and 2) - Daytime Effects										
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect				
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	41	48	49	1	Very Low				
R5/13711	Residential	Medium	45	48	50	2	Very Low				
R5/13724	Residential	Medium	52	48	53	5	Low				
AONB	Recognised Area of Tranquillity	Medium	45	45	48	3	Very Low				
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	45	45	48	3	Very Low				

1.8 TUNNEL RELATED WORKS TBM METHOD (SCENARIOS 1 AND 2) - WEEKEND EFFECTS

		Tunnel Re	elated Works TI	BM Method (Scenarios 1	and 2) - Weekend Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
C5/00457	Shop / Showroom	Low	39	57	57	0	No Effect
C5/00458	Workshop / Light Industrial	Very low	38	60	60	0	No Effect
C5/00459	Shop / Showroom	Low	38	60	60	0	No Effect
C5/00460	Shop / Showroom	Low	39	60	60	0	No Effect
C5/00462	Retail	Low	39	60	60	0	No Effect
C5/00464	Shop / Showroom	Low	39	60	60	0	No Effect
C5/00465	Shop / Showroom	Low	39	60	60	0	No Effect
C5/00469	Shop / Showroom	Low	39	61	61	0	No Effect
C5/00490	Commercial	Low	49	44	50	6	Low
C5/00525	Other Educational Establishment	Medium	38	41	43	2	Very Low
C5/00544	Retail	Low	40	44	46	2	Very Low
C5/00559	Retail	Low	39	50	50	0	No Effect
C5/00560	Shop / Showroom	Low	39	50	50	0	No Effect
C5/00561	Shop / Showroom	Low	39	50	50	0	No Effect
R5/02613	Dwelling	Medium	39	49	49	0	Very Low
R5/02635	Detached	Medium	41	45	46	1	Very Low
R5/02636	Detached	Medium	41	45	47	2	Very Low
R5/02641	Detached	Medium	42	45	47	2	Very Low
R5/02649	Dwelling	Medium	39	55	55	0	No Effect
R5/02654	Dwelling	Medium	39	55	55	0	No Effect
R5/02678	Dwelling	Medium	41	41	44	3	Very Low
R5/02687	Dwelling	Medium	39	59	59	0	No Effect
R5/02691	Dwelling	Medium	38	64	64	0	No Effect
R5/02705	Dwelling	Medium	39	58	58	0	No Effect
R5/02725	Dwelling	Medium	45	45	48	3	Very Low
R5/02726	Dwelling	Medium	38	61	61	0	No Effect
R5/02728	Semi-Detached	Medium	38	60	60	0	No Effect

		Tunnel Re	elated Works TI	BM Method (Scenarios 1	and 2) - Weekend Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/02731	Dwelling	Medium	38	57	57	0	No Effect
R5/02741	Dwelling	Medium	38	55	55	0	No Effect
R5/02743	Dwelling	Medium	38	57	57	0	No Effect
R5/02751	Dwelling	Medium	38	55	55	0	No Effect
R5/02761	Dwelling	Medium	38	56	56	0	No Effect
R5/02812	Detached	Medium	38	54	54	0	No Effect
R5/02815	Dwelling	Medium	51	41	52	11	Low
R5/02878	Detached	Medium	47	41	48	7	Very Low
R5/02908	Dwelling	Medium	40	57	57	0	No Effect
R5/02914	Dwelling	Medium	40	55	55	0	No Effect
R5/02917	Dwelling	Medium	40	57	57	0	No Effect
R5/02920	Dwelling	Medium	40	57	57	0	No Effect
R5/02925	Dwelling	Medium	40	56	56	0	No Effect
R5/02927	Dwelling	Medium	40	56	57	0	No Effect
R5/02929	Dwelling	Medium	40	41	43	2	Very Low
R5/02987	Dwelling	Medium	53	44	54	10	Low
R5/02996	Detached	Medium	40	54	54	0	No Effect
R5/02998	Dwelling	Medium	39	54	54	0	No Effect
R5/03013	Caravan	Medium	40	54	54	0	No Effect
R5/03134	Dwelling	Medium	46	52	53	1	Very Low
R5/03211	Dwelling	Medium	42	41	44	3	Very Low
R5/03236	Dwelling	Medium	42	41	44	3	Very Low
R5/03353	Dwelling	Medium	41	63	63	0	No Effect
R5/03383	Dwelling	Medium	41	44	46	2	Very Low
R5/03422	Dwelling	Medium	41	44	46	2	Very Low
R5/03423	Dwelling	Medium	46	49	51	2	Low
R5/03425	Dwelling	Medium	46	49	51	2	Low
R5/03427	Dwelling	Medium	41	56	56	0	No Effect
R5/03429	Dwelling	Medium	46	49	50	2	Low
R5/03435	Dwelling	Medium	46	49	50	2	Low

		Tunnel Re	elated Works TI	BM Method (Scenarios 1	and 2) - Weekend Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03438	Dwelling	Medium	41	56	56	0	No Effect
R5/03440	Dwelling	Medium	46	49	50	2	Low
R5/03443	Dwelling	Medium	45	49	50	2	Low
R5/03460	Dwelling	Medium	41	55	55	0	No Effect
R5/03469	Dwelling	Medium	41	55	55	0	No Effect
R5/03475	Terraced	Medium	41	56	56	0	No Effect
R5/03482	Terraced	Medium	41	55	56	0	No Effect
R5/03484	Dwelling	Medium	41	54	55	0	No Effect
R5/03493	Terraced	Medium	41	55	55	0	No Effect
R5/03496	Dwelling	Medium	41	54	54	0	No Effect
R5/03505	Dwelling	Medium	41	54	54	0	No Effect
R5/03513	Terraced	Medium	40	55	55	0	No Effect
R5/03516	Dwelling	Medium	41	54	54	0	No Effect
R5/03521	Terraced	Medium	40	55	55	0	No Effect
R5/03533	Terraced	Medium	40	55	55	0	No Effect
R5/03554	Dwelling	Medium	40	54	54	0	No Effect
R5/03565	Dwelling	Medium	40	54	54	0	No Effect
R5/03576	Dwelling	Medium	40	54	54	0	No Effect
R5/03591	Dwelling	Medium	40	54	54	0	No Effect
R5/03607	Dwelling	Medium	40	54	54	0	No Effect
R5/03617	Dwelling	Medium	40	53	53	0	No Effect
R5/03647	Dwelling	Medium	40	53	53	0	No Effect
R5/03691	Dwelling	Medium	40	53	53	0	No Effect
R5/03694	Dwelling	Medium	39	54	54	0	No Effect
R5/03705	Dwelling	Medium	39	54	54	0	No Effect
R5/03723	Dwelling	Medium	39	53	53	0	No Effect
R5/03726	Dwelling	Medium	40	52	52	0	No Effect
R5/03741	Dwelling	Medium	39	53	53	0	No Effect
R5/03746	Terraced	Medium	43	54	55	0	No Effect
R5/03751	Dwelling	Medium	43	56	56	0	No Effect

		Tunnel Re	elated Works Ti	BM Method (Scenarios 1	and 2) - Weekend Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03755	Dwelling	Medium	43	57	57	0	No Effect
R5/03768	Dwelling	Medium	39	52	53	0	No Effect
R5/03769	Dwelling	Medium	39	52	52	0	No Effect
R5/03796	Dwelling	Medium	39	52	52	0	No Effect
R5/03819	Dwelling	Medium	39	52	52	0	No Effect
R5/03820	Dwelling	Medium	39	51	52	0	No Effect
R5/03902	Dwelling	Medium	39	51	51	0	No Effect
R5/03932	Dwelling	Medium	39	51	51	0	No Effect
R5/03972	Dwelling	Medium	39	50	51	0	No Effect
R5/04078	Dwelling	Medium	42	62	62	0	No Effect
R5/04091	Dwelling	Medium	41	62	62	0	No Effect
R5/04116	Dwelling	Medium	41	62	62	0	No Effect
R5/04481	Dwelling	Medium	40	59	59	0	No Effect
R5/04503	Dwelling	Medium	39	51	51	0	No Effect
R5/04518	Residential	Medium	40	54	54	0	No Effect
R5/04534	Dwelling	Medium	39	51	51	0	No Effect
R5/04537	Dwelling	Medium	39	51	51	0	No Effect
R5/04551	Residential	Medium	39	59	59	0	No Effect
R5/04571	Dwelling	Medium	40	52	52	0	No Effect
R5/04594	Dwelling	Medium	39	50	51	0	No Effect
R5/13319	Detached	Medium	41	45	47	2	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	41	45	46	1	Very Low
R5/13711	Residential	Medium	45	45	48	3	Very Low
R5/13724	Residential	Medium	52	44	52	8	Low
AONB	Recognised Area of Tranquillity	Medium	45	41	46	5	Very Low
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	45	41	46	5	Very Low

1.9 TUNNEL RELATED WORKS TBM METHOD (SCENARIOS 1 AND 2) - NIGHT-TIME EFFECTS

		Tunnel Relate	d Works TBM	Method (Scenarios 1 a	nd 2) - Night-time Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect
C5/00457	Shop / Showroom	Low	28	38	38	0	Very Low
C5/00458	Workshop / Light Industrial	Very low	28	38	38	0	Very Low
C5/00459	Shop / Showroom	Low	28	38	38	0	Very Low
C5/00460	Shop / Showroom	Low	28	38	38	0	Very Low
C5/00462	Retail	Low	28	38	38	0	Very Low
C5/00464	Shop / Showroom	Low	28	38	38	0	Very Low
C5/00465	Shop / Showroom	Low	28	38	38	0	Very Low
C5/00469	Shop / Showroom	Low	28	38	38	0	Very Low
C5/00490	Commercial	Low	40	38	43	5	Low
C5/00525	Other Educational Establishment	Medium	27	37	38	1	Very Low
C5/00544	Retail	Low	30	38	39	1	Very Low
C5/00559	Retail	Low	29	38	39	1	Very Low
C5/00560	Shop / Showroom	Low	29	38	39	1	Very Low
C5/00561	Shop / Showroom	Low	29	38	39	1	Very Low
R5/02613	Dwelling	Medium	28	38	38	0	Very Low
R5/02635	Detached	Medium	29	38	39	1	Very Low
R5/02636	Detached	Medium	29	38	39	1	Very Low
R5/02641	Detached	Medium	30	38	39	1	Very Low
R5/02649	Dwelling	Medium	28	38	38	0	No Effect
R5/02654	Dwelling	Medium	28	38	38	0	No Effect
R5/02678	Dwelling	Medium	28	37	38	1	Very Low
R5/02687	Dwelling	Medium	28	38	38	0	Very Low
R5/02691	Dwelling	Medium	28	38	38	0	Very Low
R5/02705	Dwelling	Medium	28	38	39	1	Very Low
R5/02725	Dwelling	Medium	33	38	39	1	Very Low
R5/02726	Dwelling	Medium	28	38	38	0	No Effect
R5/02728	Semi-Detached	Medium	28	38	38	0	No Effect

		Tunnel Relate	_	Method (Scenarios 1 a	nd 2) - Night-time Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect
R5/02731	Dwelling	Medium	28	38	38	0	No Effect
R5/02741	Dwelling	Medium	27	38	38	0	No Effect
R5/02743	Dwelling	Medium	28	38	38	0	No Effect
R5/02751	Dwelling	Medium	27	38	38	0	No Effect
R5/02761	Dwelling	Medium	28	38	38	0	No Effect
R5/02812	Detached	Medium	27	38	38	0	No Effect
R5/02815	Dwelling	Medium	39	37	41	4	Low
R5/02878	Detached	Medium	35	37	40	3	Very Low
R5/02908	Dwelling	Medium	30	38	39	1	Very Low
R5/02914	Dwelling	Medium	30	38	39	1	Very Low
R5/02917	Dwelling	Medium	31	38	39	1	Very Low
R5/02920	Dwelling	Medium	30	38	39	1	Very Low
R5/02925	Dwelling	Medium	30	38	39	1	Very Low
R5/02927	Dwelling	Medium	30	38	39	1	Very Low
R5/02929	Dwelling	Medium	28	37	38	1	Very Low
R5/02987	Dwelling	Medium	43	38	45	7	Low
R5/02996	Detached	Medium	30	38	39	1	Very Low
R5/02998	Dwelling	Medium	30	38	39	1	Very Low
R5/03013	Caravan	Medium	30	38	39	1	Very Low
R5/03134	Dwelling	Medium	36	38	40	2	Low
R5/03211	Dwelling	Medium	30	37	38	1	Very Low
R5/03236	Dwelling	Medium	30	37	38	1	Very Low
R5/03353	Dwelling	Medium	31	38	39	1	Very Low
R5/03383	Dwelling	Medium	31	38	39	1	Very Low
R5/03422	Dwelling	Medium	31	38	39	1	Very Low
R5/03423	Dwelling	Medium	36	38	40	2	Low
R5/03425	Dwelling	Medium	35	38	40	2	Low
R5/03427	Dwelling	Medium	31	38	39	1	Very Low
R5/03429	Dwelling	Medium	35	38	40	2	Low
R5/03435	Dwelling	Medium	35	38	40	2	Low

		Tunnel Relate	d Works TBM	Method (Scenarios 1 a	nd 2) - Night-time Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect
R5/03438	Dwelling	Medium	31	38	39	1	Very Low
R5/03440	Dwelling	Medium	35	38	40	2	Low
R5/03443	Dwelling	Medium	35	38	40	2	Low
R5/03460	Dwelling	Medium	30	38	39	1	Very Low
R5/03469	Dwelling	Medium	30	38	39	1	Very Low
R5/03475	Terraced	Medium	30	38	39	1	Very Low
R5/03482	Terraced	Medium	30	38	39	1	Very Low
R5/03484	Dwelling	Medium	30	38	39	1	Very Low
R5/03493	Terraced	Medium	30	38	39	1	Very Low
R5/03496	Dwelling	Medium	30	38	39	1	Very Low
R5/03505	Dwelling	Medium	30	38	39	1	Very Low
R5/03513	Terraced	Medium	30	38	39	1	Very Low
R5/03516	Dwelling	Medium	30	38	39	1	Very Low
R5/03521	Terraced	Medium	30	38	39	1	Very Low
R5/03533	Terraced	Medium	30	38	39	1	Very Low
R5/03554	Dwelling	Medium	30	38	39	1	Very Low
R5/03565	Dwelling	Medium	30	38	39	1	Very Low
R5/03576	Dwelling	Medium	30	38	39	1	Very Low
R5/03591	Dwelling	Medium	30	38	39	1	Very Low
R5/03607	Dwelling	Medium	30	38	39	1	Very Low
R5/03617	Dwelling	Medium	30	38	39	1	Very Low
R5/03647	Dwelling	Medium	29	38	39	1	Very Low
R5/03691	Dwelling	Medium	29	38	39	1	Very Low
R5/03694	Dwelling	Medium	29	38	39	1	Very Low
R5/03705	Dwelling	Medium	29	38	39	1	Very Low
R5/03723	Dwelling	Medium	29	38	39	1	Very Low
R5/03726	Dwelling	Medium	29	38	39	1	Very Low
R5/03741	Dwelling	Medium	29	38	39	1	Very Low
R5/03746	Terraced	Medium	32	38	39	1	Very Low
R5/03751	Dwelling	Medium	32	38	39	1	Very Low

		Tunnel Related	d Works TBM	Method (Scenarios 1 a	nd 2) - Night-time Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night-time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect
R5/03755	Dwelling	Medium	32	38	39	1	Very Low
R5/03768	Dwelling	Medium	29	38	39	1	Very Low
R5/03769	Dwelling	Medium	29	38	39	1	Very Low
R5/03796	Dwelling	Medium	29	38	39	1	Very Low
R5/03819	Dwelling	Medium	29	38	39	1	Very Low
R5/03820	Dwelling	Medium	29	38	39	1	Very Low
R5/03902	Dwelling	Medium	29	38	39	1	Very Low
R5/03932	Dwelling	Medium	29	38	39	1	Very Low
R5/03972	Dwelling	Medium	29	38	39	1	Very Low
R5/04078	Dwelling	Medium	31	38	39	1	Very Low
R5/04091	Dwelling	Medium	31	38	39	1	Very Low
R5/04116	Dwelling	Medium	31	38	39	1	Very Low
R5/04481	Dwelling	Medium	29	38	39	1	Very Low
R5/04503	Dwelling	Medium	29	38	39	1	Very Low
R5/04518	Residential	Medium	29	38	39	1	Very Low
R5/04534	Dwelling	Medium	29	38	39	1	Very Low
R5/04537	Dwelling	Medium	29	38	39	1	Very Low
R5/04551	Residential	Medium	29	38	39	1	Very Low
R5/04571	Dwelling	Medium	29	38	39	1	Very Low
R5/04594	Dwelling	Medium	28	38	39	1	Very Low
R5/13319	Detached	Medium	29	38	39	1	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	29	38	39	1	Very Low
R5/13711	Residential	Medium	33	38	39	1	Very Low
R5/13724	Residential	Medium	42	38	44	6	Low
AONB	Recognised Area of Tranquillity	Medium	33	37	39	2	Very Low
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	28	37	39	2	Very Low

1.10 TUNNEL RELATED WORKS TBM METHOD (SCENARIOS 1 AND 2) - OVERALL MAGNITUDE OF EFFECTS

Tunnel Related Works TBM Method (Scenarios 1 and 2) - Overall Magnitude of Effects								
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over al Periods					
C5/00457	Shop / Showroom	Low	Very Low					
C5/00458	Workshop / Light Industrial	Very low	Very Low					
C5/00459	Shop / Showroom	Low	Very Low					
C5/00460	Shop / Showroom	Low	Very Low					
C5/00462	Retail	Low	Very Low					
C5/00464	Shop / Showroom	Low	Very Low					
C5/00465	Shop / Showroom	Low	Very Low					
C5/00469	Shop / Showroom	Low	Very Low					
C5/00490	Commercial	Low	Low					
C5/00525	Other Educational Establishment	Medium	Very Low					
C5/00544	Retail	Low	Very Low					
C5/00559	Retail	Low	Very Low					
C5/00560	Shop / Showroom	Low	Very Low					
C5/00561	Shop / Showroom	Low	Very Low					
R5/02613	Dwelling	Medium	Very Low					
R5/02635	Detached	Medium	Very Low					
R5/02636	Detached	Medium	Very Low					
R5/02641	Detached	Medium	Very Low					
R5/02649	Dwelling	Medium	No Effect					
R5/02654	Dwelling	Medium	No Effect					
R5/02678	Dwelling	Medium	Very Low					
R5/02687	Dwelling	Medium	Very Low					
R5/02691	Dwelling	Medium	Very Low					
R5/02705	Dwelling	Medium	Very Low					
R5/02725	Dwelling	Medium	Very Low					
R5/02726	Dwelling	Medium	No Effect					
R5/02728	Semi-Detached	Medium	No Effect					
R5/02731	Dwelling	Medium	No Effect					

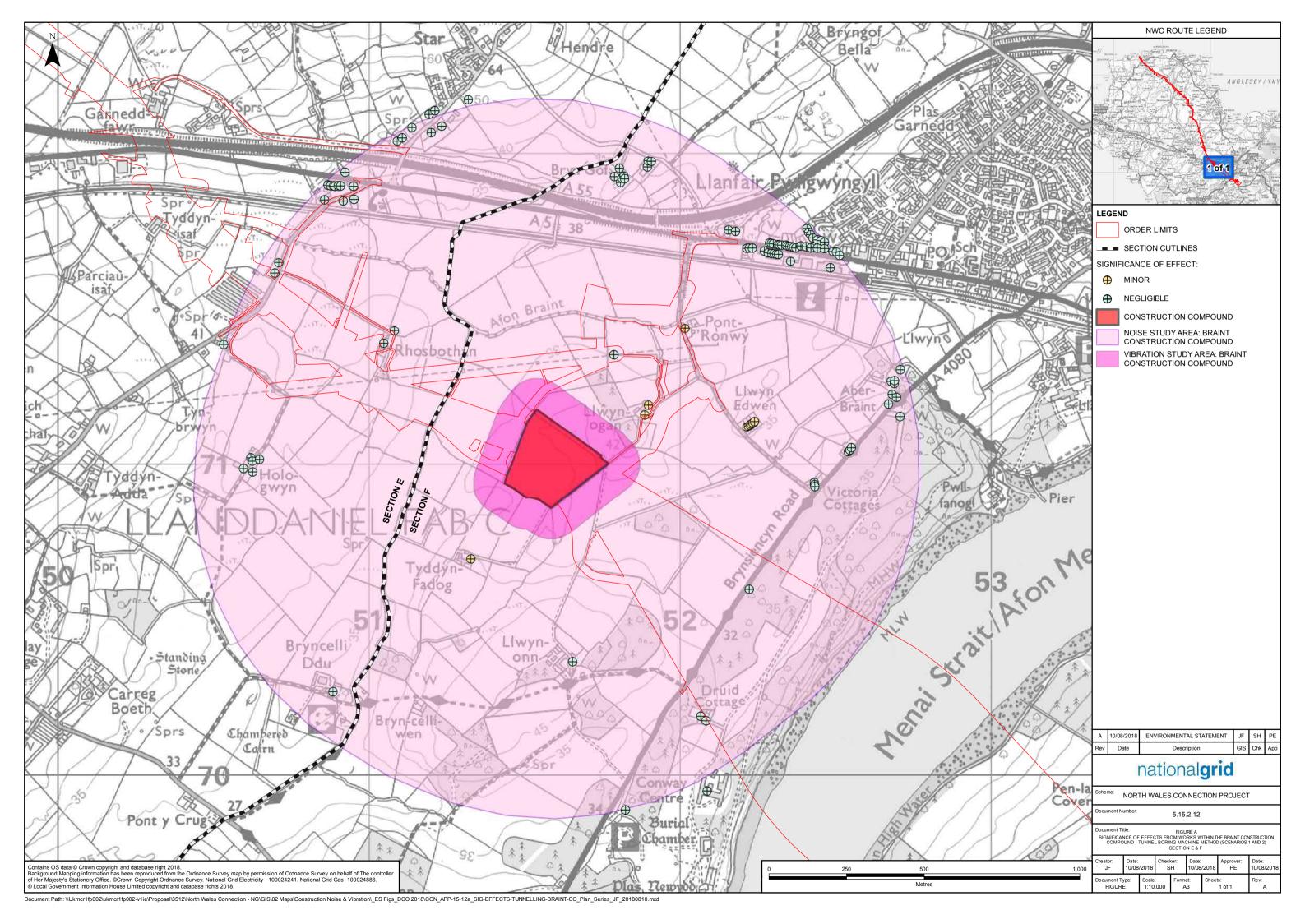
Tunnel Related Works TBM Method (Scenarios 1 and 2) - Overall Magnitude of Effects								
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods					
R5/02741	Dwelling	Medium	No Effect					
R5/02743	Dwelling	Medium	No Effect					
R5/02751	Dwelling	Medium	No Effect					
R5/02761	Dwelling	Medium	No Effect					
R5/02812	Detached	Medium	No Effect					
R5/02815	Dwelling	Medium	Low					
R5/02878	Detached	Medium	Very Low					
R5/02908	Dwelling	Medium	Very Low					
R5/02914	Dwelling	Medium	Very Low					
R5/02917	Dwelling	Medium	Very Low					
R5/02920	Dwelling	Medium	Very Low					
R5/02925	Dwelling	Medium	Very Low					
R5/02927	Dwelling	Medium	Very Low					
R5/02929	Dwelling	Medium	Very Low					
R5/02987	Dwelling	Medium	Low					
R5/02996	Detached	Medium	Very Low					
R5/02998	Dwelling	Medium	Very Low					
R5/03013	Caravan	Medium	Very Low					
R5/03134	Dwelling	Medium	Low					
R5/03211	Dwelling	Medium	Very Low					
R5/03236	Dwelling	Medium	Very Low					
R5/03353	Dwelling	Medium	Very Low					
R5/03383	Dwelling	Medium	Very Low					
R5/03422	Dwelling	Medium	Very Low					
R5/03423	Dwelling	Medium	Low					
R5/03425	Dwelling	Medium	Low					
R5/03427	Dwelling	Medium	Very Low					
R5/03429	Dwelling	Medium	Low					
R5/03435	Dwelling	Medium	Low					
R5/03438	Dwelling	Medium	Very Low					

Tunnel Related Works TBM Method (Scenarios 1 and 2) - Overall Magnitude of Effects								
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods					
R5/03440	Dwelling	Medium	Low					
R5/03443	Dwelling	Medium	Low					
R5/03460	Dwelling	Medium	Very Low					
R5/03469	Dwelling	Medium	Very Low					
R5/03475	Terraced	Medium	Very Low					
R5/03482	Terraced	Medium	Very Low					
R5/03484	Dwelling	Medium	Very Low					
R5/03493	Terraced	Medium	Very Low					
R5/03496	Dwelling	Medium	Very Low					
R5/03505	Dwelling	Medium	Very Low					
R5/03513	Terraced	Medium	Very Low					
R5/03516	Dwelling	Medium	Very Low					
R5/03521	Terraced	Medium	Very Low					
R5/03533	Terraced	Medium	Very Low					
R5/03554	Dwelling	Medium	Very Low					
R5/03565	Dwelling	Medium	Very Low					
R5/03576	Dwelling	Medium	Very Low					
R5/03591	Dwelling	Medium	Very Low					
R5/03607	Dwelling	Medium	Very Low					
R5/03617	Dwelling	Medium	Very Low					
R5/03647	Dwelling	Medium	Very Low					
R5/03691	Dwelling	Medium	Very Low					
R5/03694	Dwelling	Medium	Very Low					
R5/03705	Dwelling	Medium	Very Low					
R5/03723	Dwelling	Medium	Very Low					
R5/03726	Dwelling	Medium	Very Low					
R5/03741	Dwelling	Medium	Very Low					
R5/03746	Terraced	Medium	Very Low					
R5/03751	Dwelling	Medium	Very Low					
R5/03755	Dwelling	Medium	Very Low					

Tunnel Related Works TBM Method (Scenarios 1 and 2) - Overall Magnitude of Effects							
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods				
R5/03768	Dwelling	Medium	Very Low				
R5/03769	Dwelling	Medium	Very Low				
R5/03796	Dwelling	Medium	Very Low				
R5/03819	Dwelling	Medium	Very Low				
R5/03820	Dwelling	Medium	Very Low				
R5/03902	Dwelling	Medium	Very Low				
R5/03932	Dwelling	Medium	Very Low				
R5/03972	Dwelling	Medium	Very Low				
R5/04078	Dwelling	Medium	Very Low				
R5/04091	Dwelling	Medium	Very Low				
R5/04116	Dwelling	Medium	Very Low				
R5/04481	Dwelling	Medium	Very Low				
R5/04503	Dwelling	Medium	Very Low				
R5/04518	Residential	Medium	Very Low				
R5/04534	Dwelling	Medium	Very Low				
R5/04537	Dwelling	Medium	Very Low				
R5/04551	Residential	Medium	Very Low				
R5/04571	Dwelling	Medium	Very Low				
R5/04594	Dwelling	Medium	Very Low				
R5/13319	Detached	Medium	Very Low				
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	Very Low				
R5/13711	Residential	Medium	Very Low				
R5/13724	Residential	Medium	Low				
AONB	Recognised Area of Tranquillity	Medium	Very Low				
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	Very Low				

Figure A

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5. Tunnel Related Works – D&B Method (Scenario 3)

1.11 TUNNEL RELATED WORKS D&B METHOD (SCENARIO 3) - DAYTIME EFFECTS

		Tun	nel Related Works D&B I	Method (Scenario 3) - Day	ytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
C5/00457	Shop / Showroom	Low	41	60	60	0	No Effect
C5/00458	Workshop / Light Industrial	Very low	40	63	63	0	No Effect
C5/00459	Shop / Showroom	Low	40	63	63	0	No Effect
C5/00460	Shop / Showroom	Low	40	63	63	0	No Effect
C5/00462	Retail	Low	40	63	63	0	No Effect
C5/00464	Shop / Showroom	Low	40	63	63	0	No Effect
C5/00465	Shop / Showroom	Low	40	63	63	0	No Effect
C5/00469	Shop / Showroom	Low	41	64	64	0	No Effect
C5/00490	Commercial	Low	51	48	53	5	Very Low
C5/00525	Other Educational Establishment	Medium	38	45	46	1	Very Low
C5/00544	Retail	Low	42	48	49	1	Very Low
C5/00559	Retail	Low	41	53	53	0	No Effect
C5/00560	Shop / Showroom	Low	41	53	53	0	No Effect
C5/00561	Shop / Showroom	Low	41	53	53	0	No Effect
R5/02613	Dwelling	Medium	40	52	52	0	No Effect
R5/02635	Detached	Medium	42	48	49	1	Very Low
R5/02636	Detached	Medium	42	48	49	1	Very Low
R5/02641	Detached	Medium	43	48	49	1	Very Low
R5/02649	Dwelling	Medium	41	58	58	0	No Effect
R5/02654	Dwelling	Medium	41	58	58	0	No Effect
R5/02678	Dwelling	Medium	42	45	47	2	Very Low
R5/02687	Dwelling	Medium	41	62	62	0	No Effect
R5/02691	Dwelling	Medium	40	67	67	0	No Effect
R5/02705	Dwelling	Medium	41	61	61	0	No Effect

		Tun	nel Related Works D&B	Method (Scenario 3) - Da	ytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/02725	Dwelling	Medium	46	48	50	2	Very Low
R5/02726	Dwelling	Medium	40	64	64	0	No Effect
R5/02728	Semi-Detached	Medium	40	63	63	0	No Effect
R5/02731	Dwelling	Medium	40	60	60	0	No Effect
R5/02741	Dwelling	Medium	40	58	58	0	No Effect
R5/02743	Dwelling	Medium	40	60	60	0	No Effect
R5/02751	Dwelling	Medium	40	58	58	0	No Effect
R5/02761	Dwelling	Medium	40	59	59	0	No Effect
R5/02812	Detached	Medium	40	57	57	0	No Effect
R5/02815	Dwelling	Medium	52	45	53	8	Low
R5/02878	Detached	Medium	48	45	50	5	Very Low
R5/02908	Dwelling	Medium	42	60	60	0	No Effect
R5/02914	Dwelling	Medium	42	58	58	0	No Effect
R5/02917	Dwelling	Medium	42	60	60	0	No Effect
R5/02920	Dwelling	Medium	42	60	60	0	No Effect
R5/02925	Dwelling	Medium	42	59	59	0	No Effect
R5/02927	Dwelling	Medium	42	59	59	0	No Effect
R5/02929	Dwelling	Medium	40	45	46	1	Very Low
R5/02987	Dwelling	Medium	54	48	55	7	Low
R5/02996	Detached	Medium	41	57	57	0	No Effect
R5/02998	Dwelling	Medium	41	57	57	0	No Effect
R5/03013	Caravan	Medium	41	57	57	0	No Effect
R5/03134	Dwelling	Medium	47	55	56	1	Very Low
R5/03211	Dwelling	Medium	42	45	47	2	Very Low
R5/03236	Dwelling	Medium	42	45	47	2	Very Low
R5/03353	Dwelling	Medium	42	66	66	0	No Effect
R5/03383	Dwelling	Medium	42	48	49	1	Very Low
R5/03422	Dwelling	Medium	43	48	49	1	Very Low
R5/03423	Dwelling	Medium	47	52	53	1	Very Low

		Tur	nnel Related Works D&B	Method (Scenario 3) - Da	ytime Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03425	Dwelling	Medium	47	52	53	1	Very Low
R5/03427	Dwelling	Medium	42	59	59	0	No Effect
R5/03429	Dwelling	Medium	47	52	53	1	Very Low
R5/03435	Dwelling	Medium	47	52	53	1	Very Low
R5/03438	Dwelling	Medium	42	59	59	0	No Effect
R5/03440	Dwelling	Medium	46	52	53	1	Very Low
R5/03443	Dwelling	Medium	46	52	53	1	Very Low
R5/03460	Dwelling	Medium	42	58	58	0	No Effect
R5/03469	Dwelling	Medium	42	58	58	0	No Effect
R5/03475	Terraced	Medium	42	59	59	0	No Effect
R5/03482	Terraced	Medium	42	58	58	0	No Effect
R5/03484	Dwelling	Medium	42	57	58	0	No Effect
R5/03493	Terraced	Medium	42	58	58	0	No Effect
R5/03496	Dwelling	Medium	42	57	57	0	No Effect
R5/03505	Dwelling	Medium	42	57	57	0	No Effect
R5/03513	Terraced	Medium	42	58	58	0	No Effect
R5/03516	Dwelling	Medium	42	57	57	0	No Effect
R5/03521	Terraced	Medium	42	58	58	0	No Effect
R5/03533	Terraced	Medium	41	58	58	0	No Effect
R5/03554	Dwelling	Medium	41	57	57	0	No Effect
R5/03565	Dwelling	Medium	41	57	57	0	No Effect
R5/03576	Dwelling	Medium	41	57	57	0	No Effect
R5/03591	Dwelling	Medium	41	57	57	0	No Effect
R5/03607	Dwelling	Medium	41	57	57	0	No Effect
R5/03617	Dwelling	Medium	41	56	56	0	No Effect
R5/03647	Dwelling	Medium	41	56	56	0	No Effect
R5/03691	Dwelling	Medium	41	56	56	0	No Effect
R5/03694	Dwelling	Medium	40	57	57	0	No Effect
R5/03705	Dwelling	Medium	41	57	57	0	No Effect

	Tunnel Related Works D&B Method (Scenario 3) - Daytime Effects								
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect		
R5/03723	Dwelling	Medium	41	56	56	0	No Effect		
R5/03726	Dwelling	Medium	41	55	55	0	No Effect		
R5/03741	Dwelling	Medium	41	56	56	0	No Effect		
R5/03746	Terraced	Medium	44	57	57	0	No Effect		
R5/03751	Dwelling	Medium	44	59	59	0	No Effect		
R5/03755	Dwelling	Medium	44	60	60	0	No Effect		
R5/03768	Dwelling	Medium	40	55	55	0	No Effect		
R5/03769	Dwelling	Medium	41	55	55	0	No Effect		
R5/03796	Dwelling	Medium	40	55	55	0	No Effect		
R5/03819	Dwelling	Medium	40	55	55	0	No Effect		
R5/03820	Dwelling	Medium	40	54	54	0	No Effect		
R5/03902	Dwelling	Medium	40	54	54	0	No Effect		
R5/03932	Dwelling	Medium	40	54	54	0	No Effect		
R5/03972	Dwelling	Medium	40	53	54	0	No Effect		
R5/04078	Dwelling	Medium	43	65	65	0	No Effect		
R5/04091	Dwelling	Medium	42	65	65	0	No Effect		
R5/04116	Dwelling	Medium	42	65	65	0	No Effect		
R5/04481	Dwelling	Medium	41	62	62	0	No Effect		
R5/04503	Dwelling	Medium	41	54	54	0	No Effect		
R5/04518	Residential	Medium	41	57	57	0	No Effect		
R5/04534	Dwelling	Medium	40	54	54	0	No Effect		
R5/04537	Dwelling	Medium	40	54	54	0	No Effect		
R5/04551	Residential	Medium	41	62	62	0	No Effect		
R5/04571	Dwelling	Medium	41	55	55	0	No Effect		
R5/04594	Dwelling	Medium	40	53	54	0	No Effect		
R5/13319	Detached	Medium	43	48	49	1	Very Low		
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	42	48	49	1	Very Low		
R5/13711	Residential	Medium	46	48	50	2	Very Low		

	Tunnel Related Works D&B Method (Scenario 3) - Daytime Effects								
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Daytime Noise Level L _{Aeq,T} dB	Pre Construction Daytime Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect		
R5/13724	Residential	Medium	52	48	54	6	Low		
AONB	Recognised Area of Tranquillity	Medium	45	45	48	3	Very Low		
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	45	45	48	3	Very Low		

1.12 TUNNEL RELATED WORKS D&B METHOD (SCENARIO 3) - WEEKEND EFFECTS

	Tunnel Related Works D&B Method (Scenario 3) - Weekend Effects							
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect	
C5/00457	Shop / Showroom	Low	41	57	57	0	No Effect	
C5/00458	Workshop / Light Industrial	Very low	40	60	60	0	No Effect	
C5/00459	Shop / Showroom	Low	40	60	60	0	No Effect	
C5/00460	Shop / Showroom	Low	40	60	60	0	No Effect	
C5/00462	Retail	Low	40	60	60	0	No Effect	
C5/00464	Shop / Showroom	Low	40	60	60	0	No Effect	
C5/00465	Shop / Showroom	Low	40	60	60	0	No Effect	
C5/00469	Shop / Showroom	Low	41	61	61	0	No Effect	
C5/00490	Commercial	Low	51	44	52	8	Low	
C5/00525	Other Educational Establishment	Medium	38	41	43	2	Very Low	
C5/00544	Retail	Low	42	44	46	2	Very Low	
C5/00559	Retail	Low	41	50	50	0	Very Low	
C5/00560	Shop / Showroom	Low	41	50	50	0	Very Low	
C5/00561	Shop / Showroom	Low	41	50	50	0	Very Low	
R5/02613	Dwelling	Medium	40	49	49	1	Very Low	
R5/02635	Detached	Medium	42	45	47	2	Very Low	
R5/02636	Detached	Medium	42	45	47	2	Very Low	
R5/02641	Detached	Medium	43	45	47	2	Very Low	
R5/02649	Dwelling	Medium	41	55	55	0	No Effect	
R5/02654	Dwelling	Medium	41	55	55	0	No Effect	
R5/02678	Dwelling	Medium	42	41	44	3	Very Low	
R5/02687	Dwelling	Medium	41	59	59	0	No Effect	
R5/02691	Dwelling	Medium	40	64	64	0	No Effect	
R5/02705	Dwelling	Medium	41	58	58	0	No Effect	
R5/02725	Dwelling	Medium	46	45	49	4	Very Low	
R5/02726	Dwelling	Medium	40	61	61	0	No Effect	
R5/02728	Semi-Detached	Medium	40	60	60	0	No Effect	
R5/02731	Dwelling	Medium	40	57	57	0	No Effect	

	Tunnel Related Works D&B Method (Scenario 3) - Weekend Effects						
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/02741	Dwelling	Medium	40	55	55	0	No Effect
R5/02743	Dwelling	Medium	40	57	57	0	No Effect
R5/02751	Dwelling	Medium	40	55	55	0	No Effect
R5/02761	Dwelling	Medium	40	56	56	0	No Effect
R5/02812	Detached	Medium	40	54	55	0	No Effect
R5/02815	Dwelling	Medium	52	41	53	12	Low
R5/02878	Detached	Medium	48	41	49	8	Very Low
R5/02908	Dwelling	Medium	42	57	57	0	No Effect
R5/02914	Dwelling	Medium	42	55	55	0	No Effect
R5/02917	Dwelling	Medium	42	57	57	0	No Effect
R5/02920	Dwelling	Medium	42	57	57	0	No Effect
R5/02925	Dwelling	Medium	42	56	56	0	No Effect
R5/02927	Dwelling	Medium	42	56	57	0	No Effect
R5/02929	Dwelling	Medium	40	41	44	3	Very Low
R5/02987	Dwelling	Medium	54	44	55	11	Low
R5/02996	Detached	Medium	41	54	55	0	No Effect
R5/02998	Dwelling	Medium	41	54	54	0	No Effect
R5/03013	Caravan	Medium	41	54	54	0	No Effect
R5/03134	Dwelling	Medium	47	52	53	1	Low
R5/03211	Dwelling	Medium	42	41	45	4	Very Low
R5/03236	Dwelling	Medium	42	41	44	3	Very Low
R5/03353	Dwelling	Medium	42	63	63	0	No Effect
R5/03383	Dwelling	Medium	42	44	46	2	Very Low
R5/03422	Dwelling	Medium	43	44	46	2	Very Low
R5/03423	Dwelling	Medium	47	49	51	2	Low
R5/03425	Dwelling	Medium	47	49	51	2	Low
R5/03427	Dwelling	Medium	42	56	56	0	No Effect
R5/03429	Dwelling	Medium	47	49	51	2	Low
R5/03435	Dwelling	Medium	47	49	51	2	Low

		Tunı	nel Related Works	D&B Method (Scenario 3) - Weekend Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03438	Dwelling	Medium	42	56	56	0	No Effect
R5/03440	Dwelling	Medium	46	49	51	2	Low
R5/03443	Dwelling	Medium	46	49	51	2	Low
R5/03460	Dwelling	Medium	42	55	55	0	No Effect
R5/03469	Dwelling	Medium	42	55	55	0	No Effect
R5/03475	Terraced	Medium	42	56	56	0	No Effect
R5/03482	Terraced	Medium	42	55	56	0	No Effect
R5/03484	Dwelling	Medium	42	54	55	0	No Effect
R5/03493	Terraced	Medium	42	55	55	0	No Effect
R5/03496	Dwelling	Medium	42	54	55	0	No Effect
R5/03505	Dwelling	Medium	42	54	54	0	No Effect
R5/03513	Terraced	Medium	42	55	55	0	No Effect
R5/03516	Dwelling	Medium	42	54	54	0	No Effect
R5/03521	Terraced	Medium	42	55	55	0	No Effect
R5/03533	Terraced	Medium	41	55	55	0	No Effect
R5/03554	Dwelling	Medium	41	54	55	0	No Effect
R5/03565	Dwelling	Medium	41	54	54	0	No Effect
R5/03576	Dwelling	Medium	41	54	54	0	No Effect
R5/03591	Dwelling	Medium	41	54	54	0	No Effect
R5/03607	Dwelling	Medium	41	54	54	0	No Effect
R5/03617	Dwelling	Medium	41	53	53	0	No Effect
R5/03647	Dwelling	Medium	41	53	53	0	No Effect
R5/03691	Dwelling	Medium	41	53	53	0	No Effect
R5/03694	Dwelling	Medium	40	54	54	0	No Effect
R5/03705	Dwelling	Medium	41	54	54	0	No Effect
R5/03723	Dwelling	Medium	41	53	53	0	No Effect
R5/03726	Dwelling	Medium	41	52	52	0	No Effect
R5/03741	Dwelling	Medium	41	53	53	0	No Effect
R5/03746	Terraced	Medium	44	54	55	0	No Effect

	Tunnel Related Works D&B Method (Scenario 3) - Weekend Effects						
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Evening and Weekend Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Daytime Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Daytime Pre Construction Noise, dB	Magnitude of Effect
R5/03751	Dwelling	Medium	44	56	56	0	No Effect
R5/03755	Dwelling	Medium	44	57	57	0	No Effect
R5/03768	Dwelling	Medium	40	52	53	0	No Effect
R5/03769	Dwelling	Medium	41	52	52	0	No Effect
R5/03796	Dwelling	Medium	40	52	52	0	No Effect
R5/03819	Dwelling	Medium	40	52	52	0	No Effect
R5/03820	Dwelling	Medium	40	51	52	0	No Effect
R5/03902	Dwelling	Medium	40	51	51	0	No Effect
R5/03932	Dwelling	Medium	40	51	51	0	No Effect
R5/03972	Dwelling	Medium	40	50	51	0	No Effect
R5/04078	Dwelling	Medium	43	62	62	0	No Effect
R5/04091	Dwelling	Medium	42	62	62	0	No Effect
R5/04116	Dwelling	Medium	42	62	62	0	No Effect
R5/04481	Dwelling	Medium	41	59	59	0	No Effect
R5/04503	Dwelling	Medium	41	51	51	0	No Effect
R5/04518	Residential	Medium	41	54	54	0	No Effect
R5/04534	Dwelling	Medium	40	51	51	0	No Effect
R5/04537	Dwelling	Medium	40	51	51	0	No Effect
R5/04551	Residential	Medium	41	59	59	0	No Effect
R5/04571	Dwelling	Medium	41	52	52	0	No Effect
R5/04594	Dwelling	Medium	40	50	51	0	No Effect
R5/13319	Detached	Medium	43	45	47	2	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	42	45	47	2	Very Low
R5/13711	Residential	Medium	46	45	49	4	Very Low
R5/13724	Residential	Medium	52	44	53	9	Low
AONB	Recognised Area of Tranquillity	Medium	45	41	46	5	Very Low
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	45	41	46	5	Very Low

1.13 TUNNEL RELATED WORKS D&B METHOD (SCENARIO 3) - NIGHT-TIME EFFECTS

	Tunnel Related Works D&B Method (Scenario 3) - Night-Time Effects							
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night- time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect	
C5/00457	Shop / Showroom	Low	29	38	39	1	Very Low	
C5/00458	Workshop / Light Industrial	Very low	29	38	39	1	Very Low	
C5/00459	Shop / Showroom	Low	29	38	39	1	Very Low	
C5/00460	Shop / Showroom	Low	29	38	39	1	Very Low	
C5/00462	Retail	Low	29	38	39	1	Very Low	
C5/00464	Shop / Showroom	Low	29	38	39	1	Very Low	
C5/00465	Shop / Showroom	Low	29	38	39	1	Very Low	
C5/00469	Shop / Showroom	Low	29	38	39	1	Very Low	
C5/00490	Commercial	Low	39	38	42	4	Low	
C5/00525	Other Educational Establishment	Medium	27	37	37	0	Very Low	
C5/00544	Retail	Low	31	38	39	1	Very Low	
C5/00559	Retail	Low	30	38	39	1	Very Low	
C5/00560	Shop / Showroom	Low	30	38	39	1	Very Low	
C5/00561	Shop / Showroom	Low	30	38	39	1	Very Low	
R5/02613	Dwelling	Medium	29	38	38	0	Very Low	
R5/02635	Detached	Medium	30	38	39	1	Very Low	
R5/02636	Detached	Medium	30	38	39	1	Very Low	
R5/02641	Detached	Medium	30	38	39	1	Very Low	
R5/02649	Dwelling	Medium	29	38	38	0	Very Low	
R5/02654	Dwelling	Medium	29	38	38	0	Very Low	
R5/02678	Dwelling	Medium	29	37	38	1	Very Low	
R5/02687	Dwelling	Medium	30	38	39	1	Very Low	
R5/02691	Dwelling	Medium	29	38	38	0	Very Low	
R5/02705	Dwelling	Medium	30	38	39	1	Very Low	
R5/02725	Dwelling	Medium	35	38	40	2	Very Low	
R5/02726	Dwelling	Medium	29	38	39	1	Very Low	
R5/02728	Semi-Detached	Medium	29	38	38	0	Very Low	

	Tunnel Related Works D&B Method (Scenario 3) - Night-Time Effects							
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night- time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect	
R5/02731	Dwelling	Medium	28	38	38	0	Very Low	
R5/02741	Dwelling	Medium	28	38	38	0	No Effect	
R5/02743	Dwelling	Medium	28	38	38	0	Very Low	
R5/02751	Dwelling	Medium	28	38	38	0	No Effect	
R5/02761	Dwelling	Medium	28	38	38	0	Very Low	
R5/02812	Detached	Medium	28	38	38	0	No Effect	
R5/02815	Dwelling	Medium	40	37	42	5	Low	
R5/02878	Detached	Medium	36	37	40	3	Very Low	
R5/02908	Dwelling	Medium	29	38	39	1	Very Low	
R5/02914	Dwelling	Medium	29	38	39	1	Very Low	
R5/02917	Dwelling	Medium	30	38	39	1	Very Low	
R5/02920	Dwelling	Medium	30	38	39	1	Very Low	
R5/02925	Dwelling	Medium	30	38	39	1	Very Low	
R5/02927	Dwelling	Medium	30	38	39	1	Very Low	
R5/02929	Dwelling	Medium	29	37	38	1	Very Low	
R5/02987	Dwelling	Medium	44	38	45	7	Low	
R5/02996	Detached	Medium	29	38	39	1	Very Low	
R5/02998	Dwelling	Medium	29	38	39	1	Very Low	
R5/03013	Caravan	Medium	29	38	39	1	Very Low	
R5/03134	Dwelling	Medium	35	38	40	2	Very Low	
R5/03211	Dwelling	Medium	31	37	38	1	Very Low	
R5/03236	Dwelling	Medium	30	37	38	1	Very Low	
R5/03353	Dwelling	Medium	31	38	39	1	Very Low	
R5/03383	Dwelling	Medium	31	38	39	1	Very Low	
R5/03422	Dwelling	Medium	31	38	39	1	Very Low	
R5/03423	Dwelling	Medium	36	38	40	2	Low	
R5/03425	Dwelling	Medium	36	38	40	2	Low	
R5/03427	Dwelling	Medium	31	38	39	1	Very Low	
R5/03429	Dwelling	Medium	36	38	40	2	Low	

		Tun	nel Related Work	s D&B Method (Scenario 3) - Night-Time Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night- time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect
R5/03435	Dwelling	Medium	36	38	40	2	Low
R5/03438	Dwelling	Medium	31	38	39	1	Very Low
R5/03440	Dwelling	Medium	36	38	40	2	Low
R5/03443	Dwelling	Medium	36	38	40	2	Low
R5/03460	Dwelling	Medium	31	38	39	1	Very Low
R5/03469	Dwelling	Medium	31	38	39	1	Very Low
R5/03475	Terraced	Medium	31	38	39	1	Very Low
R5/03482	Terraced	Medium	31	38	39	1	Very Low
R5/03484	Dwelling	Medium	31	38	39	1	Very Low
R5/03493	Terraced	Medium	31	38	39	1	Very Low
R5/03496	Dwelling	Medium	31	38	39	1	Very Low
R5/03505	Dwelling	Medium	31	38	39	1	Very Low
R5/03513	Terraced	Medium	31	38	39	1	Very Low
R5/03516	Dwelling	Medium	31	38	39	1	Very Low
R5/03521	Terraced	Medium	31	38	39	1	Very Low
R5/03533	Terraced	Medium	31	38	39	1	Very Low
R5/03554	Dwelling	Medium	31	38	39	1	Very Low
R5/03565	Dwelling	Medium	31	38	39	1	Very Low
R5/03576	Dwelling	Medium	31	38	39	1	Very Low
R5/03591	Dwelling	Medium	31	38	39	1	Very Low
R5/03607	Dwelling	Medium	31	38	39	1	Very Low
R5/03617	Dwelling	Medium	30	38	39	1	Very Low
R5/03647	Dwelling	Medium	30	38	39	1	Very Low
R5/03691	Dwelling	Medium	30	38	39	1	Very Low
R5/03694	Dwelling	Medium	30	38	39	1	Very Low
R5/03705	Dwelling	Medium	30	38	39	1	Very Low
R5/03723	Dwelling	Medium	30	38	39	1	Very Low
R5/03726	Dwelling	Medium	30	38	39	1	Very Low
R5/03741	Dwelling	Medium	30	38	39	1	Very Low

		Tuni	nel Related Work	s D&B Method (Scenario 3) - Night-Time Effects		
Receptor	Receptor Classification	Sensitivity of Receptor	Predicted Noise Level L _{Aeq,T} dB	Pre Construction Night- time Ambient Noise Level, L _{Aeq,T} dB	Log Sum of Night-time Pre Construction Ambient Noise and Predicted Noise Level, L _{Aeq,T} dB	Exceedance of Night- time Pre Construction Noise, dB	Magnitude of Effect
R5/03746	Terraced	Medium	34	38	40	2	Very Low
R5/03751	Dwelling	Medium	34	38	40	2	Very Low
R5/03755	Dwelling	Medium	34	38	40	2	Very Low
R5/03768	Dwelling	Medium	30	38	39	1	Very Low
R5/03769	Dwelling	Medium	30	38	39	1	Very Low
R5/03796	Dwelling	Medium	30	38	39	1	Very Low
R5/03819	Dwelling	Medium	30	38	39	1	Very Low
R5/03820	Dwelling	Medium	30	38	39	1	Very Low
R5/03902	Dwelling	Medium	29	38	39	1	Very Low
R5/03932	Dwelling	Medium	29	38	39	1	Very Low
R5/03972	Dwelling	Medium	29	38	39	1	Very Low
R5/04078	Dwelling	Medium	32	38	39	1	Very Low
R5/04091	Dwelling	Medium	32	38	39	1	Very Low
R5/04116	Dwelling	Medium	32	38	39	1	Very Low
R5/04481	Dwelling	Medium	30	38	39	1	Very Low
R5/04503	Dwelling	Medium	30	38	39	1	Very Low
R5/04518	Residential	Medium	30	38	39	1	Very Low
R5/04534	Dwelling	Medium	30	38	39	1	Very Low
R5/04537	Dwelling	Medium	30	38	39	1	Very Low
R5/04551	Residential	Medium	30	38	39	1	Very Low
R5/04571	Dwelling	Medium	30	38	39	1	Very Low
R5/04594	Dwelling	Medium	30	38	39	1	Very Low
R5/13319	Detached	Medium	31	38	39	1	Very Low
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	31	38	39	1	Very Low
R5/13711	Residential	Medium	35	38	40	2	Very Low
R5/13724	Residential	Medium	42	38	44	6	Low
AONB	Recognised Area of Tranquillity	Medium	35	37	39	2	Very Low
Plas Newydd (users of)	Plas Newydd National Trust (Grounds and Buildings)	Medium	35	37	39	2	Very Low

1.14 TUNNEL RELATED WORKS D&B METHOD (SCENARIO 3) - OVERALL MAGNITUDE OF EFFECTS

Tunnel Related Works D&B Method (Scenario 3) - Overall Magnitude of Effects					
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods		
C5/00457	Shop / Showroom	Low	Very Low		
C5/00458	Workshop / Light Industrial	Very low	Very Low		
C5/00459	Shop / Showroom	Low	Very Low		
C5/00460	Shop / Showroom	Low	Very Low		
C5/00462	Retail	Low	Very Low		
C5/00464	Shop / Showroom	Low	Very Low		
C5/00465	Shop / Showroom	Low	Very Low		
C5/00469	Shop / Showroom	Low	Very Low		
C5/00490	Commercial	Low	Low		
C5/00525	Other Educational Establishment	Medium	Very Low		
C5/00544	Retail	Low	Very Low		
C5/00559	Retail	Low	Very Low		
C5/00560	Shop / Showroom	Low	Very Low		
C5/00561	Shop / Showroom	Low	Very Low		
R5/02613	Dwelling	Medium	Very Low		
R5/02635	Detached	Medium	Very Low		
R5/02636	Detached	Medium	Very Low		
R5/02641	Detached	Medium	Very Low		
R5/02649	Dwelling	Medium	Very Low		
R5/02654	Dwelling	Medium	Very Low		
R5/02678	Dwelling	Medium	Very Low		
R5/02687	Dwelling	Medium	Very Low		
R5/02691	Dwelling	Medium	Very Low		
R5/02705	Dwelling	Medium	Very Low		
R5/02725	Dwelling	Medium	Very Low		
R5/02726	Dwelling	Medium	Very Low		

	Tunnel Related Works D&B Method (Scenario 3) - Overall Magnitude of Effects						
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods				
R5/02728	Semi-Detached	Medium	Very Low				
R5/02731	Dwelling	Medium	Very Low				
R5/02741	Dwelling	Medium	No Effect				
R5/02743	Dwelling	Medium	Very Low				
R5/02751	Dwelling	Medium	No Effect				
R5/02761	Dwelling	Medium	Very Low				
R5/02812	Detached	Medium	No Effect				
R5/02815	Dwelling	Medium	Low				
R5/02878	Detached	Medium	Very Low				
R5/02908	Dwelling	Medium	Very Low				
R5/02914	Dwelling	Medium	Very Low				
R5/02917	Dwelling	Medium	Very Low				
R5/02920	Dwelling	Medium	Very Low				
R5/02925	Dwelling	Medium	Very Low				
R5/02927	Dwelling	Medium	Very Low				
R5/02929	Dwelling	Medium	Very Low				
R5/02987	Dwelling	Medium	Low				
R5/02996	Detached	Medium	Very Low				
R5/02998	Dwelling	Medium	Very Low				
R5/03013	Caravan	Medium	Very Low				
R5/03134	Dwelling	Medium	Low				
R5/03211	Dwelling	Medium	Very Low				
R5/03236	Dwelling	Medium	Very Low				
R5/03353	Dwelling	Medium	Very Low				
R5/03383	Dwelling	Medium	Very Low				
R5/03422	Dwelling	Medium	Very Low				
R5/03423	Dwelling	Medium	Low				
R5/03425	Dwelling	Medium	Low				
R5/03427	Dwelling	Medium	Very Low				
R5/03429	Dwelling	Medium	Low				

Tunnel Related Works D&B Method (Scenario 3) - Overall Magnitude of Effects					
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods		
R5/03435	Dwelling	Medium	Low		
R5/03438	Dwelling	Medium	Very Low		
R5/03440	Dwelling	Medium	Low		
R5/03443	Dwelling	Medium	Low		
R5/03460	Dwelling	Medium	Very Low		
R5/03469	Dwelling	Medium	Very Low		
R5/03475	Terraced	Medium	Very Low		
R5/03482	Terraced	Medium	Very Low		
R5/03484	Dwelling	Medium	Very Low		
R5/03493	Terraced	Medium	Very Low		
R5/03496	Dwelling	Medium	Very Low		
R5/03505	Dwelling	Medium	Very Low		
R5/03513	Terraced	Medium	Very Low		
R5/03516	Dwelling	Medium	Very Low		
R5/03521	Terraced	Medium	Very Low		
R5/03533	Terraced	Medium	Very Low		
R5/03554	Dwelling	Medium	Very Low		
R5/03565	Dwelling	Medium	Very Low		
R5/03576	Dwelling	Medium	Very Low		
R5/03591	Dwelling	Medium	Very Low		
R5/03607	Dwelling	Medium	Very Low		
R5/03617	Dwelling	Medium	Very Low		
R5/03647	Dwelling	Medium	Very Low		
R5/03691	Dwelling	Medium	Very Low		
R5/03694	Dwelling	Medium	Very Low		
R5/03705	Dwelling	Medium	Very Low		
R5/03723	Dwelling	Medium	Very Low		
R5/03726	Dwelling	Medium	Very Low		
R5/03741	Dwelling	Medium	Very Low		
R5/03746	Terraced	Medium	Very Low		

	Tunnel Related Works D&B Method (Scenario 3) - Overall Magnitude of Effects						
Receptor	Receptor Classification	Sensitivity of Receptor	Maximum Magnitude of Effect Over all Periods				
R5/03751	Dwelling	Medium	Very Low				
R5/03755	Dwelling	Medium	Very Low				
R5/03768	Dwelling	Medium	Very Low				
R5/03769	Dwelling	Medium	Very Low				
R5/03796	Dwelling	Medium	Very Low				
R5/03819	Dwelling	Medium	Very Low				
R5/03820	Dwelling	Medium	Very Low				
R5/03902	Dwelling	Medium	Very Low				
R5/03932	Dwelling	Medium	Very Low				
R5/03972	Dwelling	Medium	Very Low				
R5/04078	Dwelling	Medium	Very Low				
R5/04091	Dwelling	Medium	Very Low				
R5/04116	Dwelling	Medium	Very Low				
R5/04481	Dwelling	Medium	Very Low				
R5/04503	Dwelling	Medium	Very Low				
R5/04518	Residential	Medium	Very Low				
R5/04534	Dwelling	Medium	Very Low				
R5/04537	Dwelling	Medium	Very Low				
R5/04551	Residential	Medium	Very Low				
R5/04571	Dwelling	Medium	Very Low				
R5/04594	Dwelling	Medium	Very Low				
R5/13319	Detached	Medium	Very Low				
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	Very Low				
R5/13711	Residential	Medium	Very Low				
R5/13724	Residential	Medium	Low				
AONB	Recognised Area of Tranquillity	Medium	Very Low				
Plas Newydd (users of)		Medium	Very Low				

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