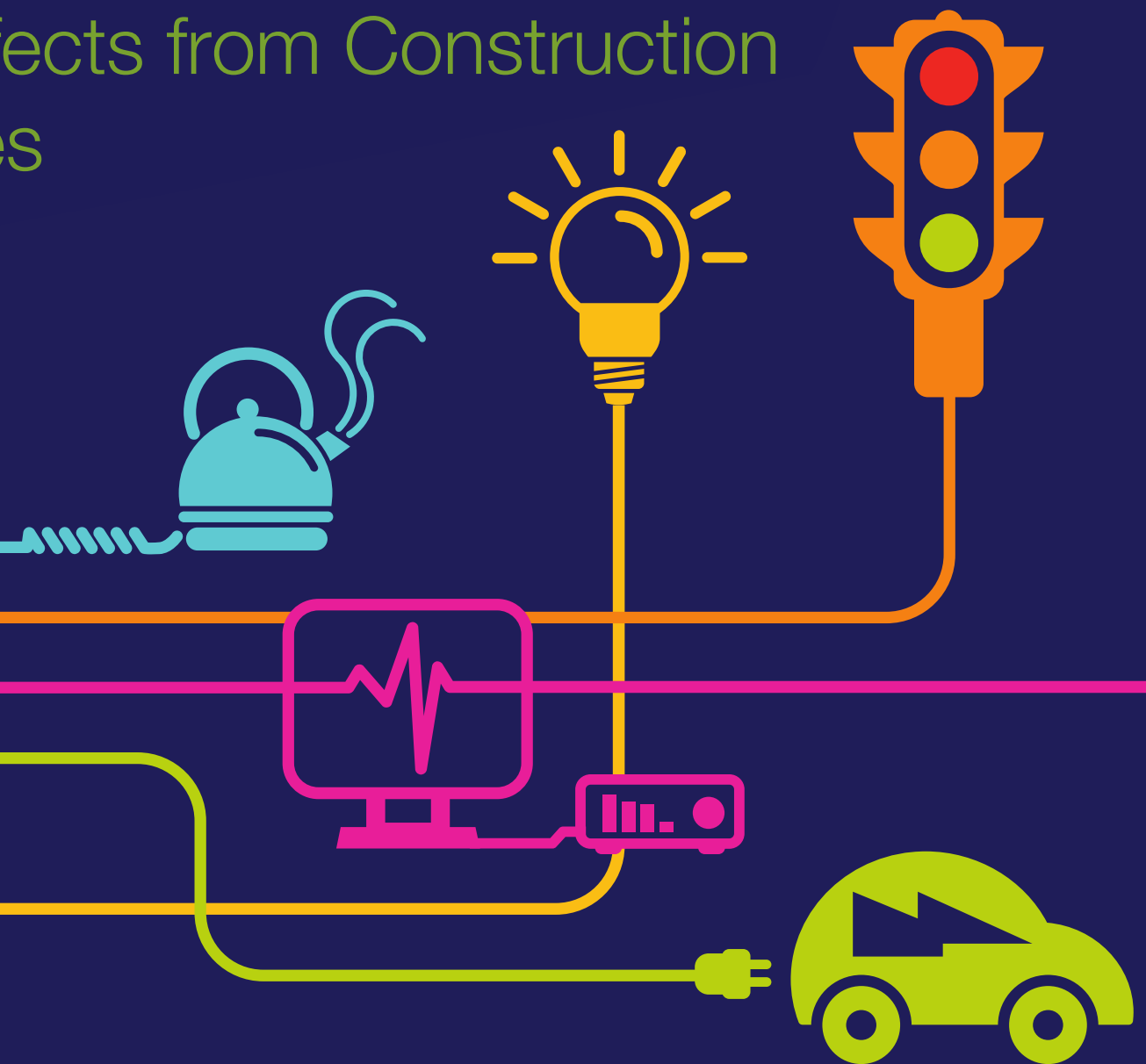


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Assessment of Noise and Vibration Effects from Construction of Access Tracks, Culverts and Bridges Chapter 15 – Appendix 9

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





North Wales Connection Project

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Contents

1. Summary of Noise Effects	1
Figure A	23
2. Summary of Vibration Effects	25
Figure B	35

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1. Summary of Noise Effects

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
C1/00005	Commercial	Low	Very Low / No Effect
C1/00006	Commercial	Low	Very Low / No Effect
C1/00009	Petrol Filling Station	Very low	Very Low / No Effect
C1/00010	Public House / Bar / Nightclub	Low	Very Low / No Effect
C1/00011	Shop / Showroom	Low	Very Low / No Effect
C1/00012	Shop / Showroom	Low	Very Low / No Effect
C1/00014	Wholesale Distribution	Very low	Very Low / No Effect
C1/00017	Holiday / Campsite	Medium	Very Low / No Effect
C1/00022	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
C1/00106	Cattery / Kennel	Low	Very Low / No Effect
C1/13707	Caravan	Medium	Very Low / No Effect
C2/00006	Hotel/Motel	Medium	Very Low / No Effect
C2/00070	Commercial	Low	Very Low / No Effect
C2/13723	Commercial	Low	Very Low / No Effect
C2/13724	Guest & Boarding Houses	Medium	Very Low / No Effect
C3/00023	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
C3/00025	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
C3/00026	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
C3/00027	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
C3/13721	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
C4/00257	Commercial	Low	Very Low / No Effect
C4/00258	Preparatory / First / Primary / Infant / Junior / Middle School	Medium	Very Low / No Effect
C5/00398	Workshop / Light Industrial	Very low	Low

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
C5/00400	Manufacturing	Very low	Low
C5/00407	Shop / Showroom	Low	Low
C5/00413	Shop / Showroom	Low	Low
C5/00417	Shop / Showroom	Low	Very Low / No Effect
C5/00419	Shop / Showroom	Low	Very Low / No Effect
C5/00420	Retail	Low	Very Low / No Effect
C5/00456	Commercial	Low	Very Low / No Effect
C5/00457	Shop / Showroom	Low	Very Low / No Effect
C5/00458	Workshop / Light Industrial	Very low	Very Low / No Effect
C5/00459	Shop / Showroom	Low	Very Low / No Effect
C5/00460	Shop / Showroom	Low	Very Low / No Effect
C5/00462	Retail	Low	Very Low / No Effect
C5/00464	Shop / Showroom	Low	Very Low / No Effect
C5/00465	Shop / Showroom	Low	Very Low / No Effect
C5/00466	Commercial	Low	Very Low / No Effect
C5/00469	Shop / Showroom	Low	Very Low / No Effect
C5/00490	Commercial	Low	Very Low / No Effect
C5/00544	Retail	Low	Very Low / No Effect
C5/00784	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
C5/01065	Warehouse / Store / Storage Depot	Very low	Very Low / No Effect
C5/13299	Commercial	Low	Very Low / No Effect
C5/13300	Commercial	Low	Very Low / No Effect
C5/13301	Commercial	Low	Very Low / No Effect
C5/13657	Warehouse & Premises	Low	Very Low / No Effect
C5/13713	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
R1/00036	Residential	Medium	Very Low / No Effect
R1/00048	Detached	Medium	Very Low / No Effect
R1/00049	Caravan	Medium	Very Low / No Effect
R1/00051	Detached	Medium	Very Low / No Effect
R1/00052	Detached	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R1/00054	Dwelling	Medium	Very Low / No Effect
R1/00055	Dwelling	Medium	Very Low / No Effect
R1/00056	Dwelling	Medium	Very Low / No Effect
R1/00057	Dwelling	Medium	Very Low / No Effect
R1/00058	Detached	Medium	Very Low / No Effect
R1/00060	Semi-Detached	Medium	Very Low / No Effect
R1/00062	Dwelling	Medium	Very Low / No Effect
R1/00063	Dwelling	Medium	Very Low / No Effect
R1/00064	Dwelling	Medium	Very Low / No Effect
R1/00065	Dwelling	Medium	Very Low / No Effect
R1/00066	Dwelling	Medium	Very Low / No Effect
R1/00067	Terraced	Medium	Very Low / No Effect
R1/00068	Terraced	Medium	Very Low / No Effect
R1/00069	Dwelling	Medium	Very Low / No Effect
R1/00070	Terraced	Medium	Very Low / No Effect
R1/00071	Dwelling	Medium	Very Low / No Effect
R1/00072	Terraced	Medium	Very Low / No Effect
R1/00073	Dwelling	Medium	Very Low / No Effect
R1/00074	Terraced	Medium	Very Low / No Effect
R1/00075	Dwelling	Medium	Very Low / No Effect
R1/00076	Dwelling	Medium	Very Low / No Effect
R1/00077	Terraced	Medium	Very Low / No Effect
R1/00078	Terraced	Medium	Very Low / No Effect
R1/00079	Semi-Detached	Medium	Very Low / No Effect
R1/00080	Dwelling	Medium	Very Low / No Effect
R1/00082	Dwelling	Medium	Very Low / No Effect
R1/00084	Dwelling	Medium	Very Low / No Effect
R1/00086	Detached	Medium	Very Low / No Effect
R1/00087	Terraced	Medium	Very Low / No Effect
R1/00088	Dwelling	Medium	Very Low / No Effect
R1/00089	Semi-Detached	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R1/00091	Terraced	Medium	Very Low / No Effect
R1/00092	Dwelling	Medium	Very Low / No Effect
R1/00093	Dwelling	Medium	Very Low / No Effect
R1/00094	Semi-Detached	Medium	Very Low / No Effect
R1/00095	Dwelling	Medium	Very Low / No Effect
R1/00096	Dwelling	Medium	Very Low / No Effect
R1/00097	Dwelling	Medium	Very Low / No Effect
R1/00098	Dwelling	Medium	Very Low / No Effect
R1/00099	Dwelling	Medium	Very Low / No Effect
R1/00100	Detached	Medium	Very Low / No Effect
R1/00101	Dwelling	Medium	Very Low / No Effect
R1/00102	Dwelling	Medium	Very Low / No Effect
R1/00103	Dwelling	Medium	Very Low / No Effect
R1/00104	Dwelling	Medium	Very Low / No Effect
R1/00105	Dwelling	Medium	Very Low / No Effect
R1/00106	Dwelling	Medium	Very Low / No Effect
R1/00107	Dwelling	Medium	Very Low / No Effect
R1/00108	Dwelling	Medium	Very Low / No Effect
R1/00109	Dwelling	Medium	Very Low / No Effect
R1/00110	Dwelling	Medium	Very Low / No Effect
R1/00111	Detached	Medium	Low
R1/00113	Detached	Medium	Low
R1/00114	Detached	Medium	Very Low / No Effect
R1/00116	Detached	Medium	Low
R1/00117	Terraced	Medium	Low
R1/00118	Terraced	Medium	Very Low / No Effect
R1/00120	Detached	Medium	Very Low / No Effect
R1/00121	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Low
R1/00122	Detached	Medium	Very Low / No Effect
R1/00124	Detached	Medium	Low
R1/00125	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R1/00126	Privately Owned Holiday Caravan / Chalet	Medium	Low
R1/00127	Detached	Medium	Low
R1/00128	Detached	Medium	Very Low / No Effect
R1/00135	Dwelling	Medium	Very Low / No Effect
R1/00140	Dwelling	Medium	Very Low / No Effect
R1/00141	Dwelling	Medium	Very Low / No Effect
R1/00142	Dwelling	Medium	Very Low / No Effect
R1/00144	Dwelling	Medium	Very Low / No Effect
R1/00145	Dwelling	Medium	Very Low / No Effect
R1/00147	Dwelling	Medium	Very Low / No Effect
R1/00148	Dwelling	Medium	Very Low / No Effect
R1/00152	Dwelling	Medium	Low
R1/00153	Dwelling	Medium	Very Low / No Effect
R1/00161	Dwelling	Medium	Low
R1/00162	Caravan	Medium	Low
R1/00173	Dwelling	Medium	Very Low / No Effect
R1/00174	Dwelling	Medium	Very Low / No Effect
R1/00175	Dwelling	Medium	Very Low / No Effect
R1/00176	Dwelling	Medium	Very Low / No Effect
R1/00182	Dwelling	Medium	Very Low / No Effect
R1/00183	Residential	Medium	Very Low / No Effect
R1/00184	Dwelling	Medium	Very Low / No Effect
R1/00188	Dwelling	Medium	Very Low / No Effect
R1/00203	Privately Owned Holiday Caravan / Chalet	Medium	Very Low / No Effect
R1/00209	Dwelling	Medium	Low
R1/00211	Residential	Medium	Very Low / No Effect
R1/00212	Detached	Medium	Very Low / No Effect
R1/00213	Dwelling	Medium	Very Low / No Effect
R1/00217	Detached	Medium	Very Low / No Effect
R1/00256	Dwelling	Medium	Very Low / No Effect
R1/00270	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R1/00272	Dwelling	Medium	Very Low / No Effect
R1/00273	Dwelling	Medium	Very Low / No Effect
R1/00278	Dwelling	Medium	Very Low / No Effect
R1/00289	Dwelling	Medium	Very Low / No Effect
R1/00292	Dwelling	Medium	Very Low / No Effect
R1/00295	Detached	Medium	Very Low / No Effect
R1/00298	Dwelling	Medium	Very Low / No Effect
R1/00309	Dwelling	Medium	Very Low / No Effect
R1/00310	Residential	Medium	Very Low / No Effect
R1/00314	Dwelling	Medium	Very Low / No Effect
R1/00317	Dwelling	Medium	Very Low / No Effect
R1/00323	Dwelling	Medium	Very Low / No Effect
R1/00416	Dwelling	Medium	Very Low / No Effect
R1/00460	Dwelling	Medium	Very Low / No Effect
R1/00468	Detached	Medium	Very Low / No Effect
R1/00483	Dwelling	Medium	Very Low / No Effect
R1/00507	Dwelling	Medium	Very Low / No Effect
R1/00518	Dwelling	Medium	Very Low / No Effect
R1/00525	Dwelling	Medium	Very Low / No Effect
R1/00526	Dwelling	Medium	Very Low / No Effect
R1/00528	Dwelling	Medium	Very Low / No Effect
R1/00533	Dwelling	Medium	Very Low / No Effect
R1/00545	Dwelling	Medium	Very Low / No Effect
R1/00551	Dwelling	Medium	Very Low / No Effect
R1/00568	Dwelling	Medium	Very Low / No Effect
R1/00569	Dwelling	Medium	Very Low / No Effect
R1/00571	Dwelling	Medium	Very Low / No Effect
R1/00573	Dwelling	Medium	Very Low / No Effect
R1/00579	Dwelling	Medium	Very Low / No Effect
R1/00582	Dwelling	Medium	Very Low / No Effect
R1/00594	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R1/00599	Dwelling	Medium	Very Low / No Effect
R1/00605	Dwelling	Medium	Very Low / No Effect
R1/00606	Dwelling	Medium	Very Low / No Effect
R1/00618	Dwelling	Medium	Very Low / No Effect
R1/00621	Dwelling	Medium	Very Low / No Effect
R1/00626	Dwelling	Medium	Very Low / No Effect
R1/00627	Dwelling	Medium	Very Low / No Effect
R1/00631	Dwelling	Medium	Very Low / No Effect
R1/00634	Dwelling	Medium	Very Low / No Effect
R1/00643	Dwelling	Medium	Very Low / No Effect
R1/00656	Dwelling	Medium	Very Low / No Effect
R1/00657	Dwelling	Medium	Very Low / No Effect
R1/00663	Dwelling	Medium	Very Low / No Effect
R1/00676	Dwelling	Medium	Very Low / No Effect
R1/00684	Dwelling	Medium	Very Low / No Effect
R1/00701	Dwelling	Medium	Very Low / No Effect
R1/00733	Detached	Medium	Very Low / No Effect
R1/00738	Dwelling	Medium	Very Low / No Effect
R1/00759	Detached	Medium	Very Low / No Effect
R1/00785	Detached	Medium	Very Low / No Effect
R1/00853	Dwelling	Medium	Very Low / No Effect
R1/01088	Dwelling	Medium	Low
R1/01118	Dwelling	Medium	Low
R1/01167	Dwelling	Medium	Low
R1/01168	Dwelling	Medium	Low
R1/01177	Dwelling	Medium	Very Low / No Effect
R1/01182	Dwelling	Medium	Very Low / No Effect
R1/01193	Dwelling	Medium	Very Low / No Effect
R1/01203	Care / Nursing Home	High	Very Low / No Effect
R1/01204	Dwelling	Medium	Very Low / No Effect
R1/01205	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R1/01206	Dwelling	Medium	Very Low / No Effect
R1/01214	Residential	Medium	Very Low / No Effect
R1/01216	Dwelling	Medium	Very Low / No Effect
R1/01288	Dwelling	Medium	Very Low / No Effect
R1/01293	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Low
R1/01304	Detached	Medium	Low
R1/01325	Caravan	Medium	Very Low / No Effect
R1/01327	Detached	Medium	Very Low / No Effect
R1/01332	Dwelling	Medium	Very Low / No Effect
R1/01337	Dwelling	Medium	Very Low / No Effect
R1/01338	Residential	Medium	Very Low / No Effect
R1/01342	Dwelling	Medium	Very Low / No Effect
R1/01345	Dwelling	Medium	Very Low / No Effect
R1/01347	Dwelling	Medium	Very Low / No Effect
R1/01351	Detached	Medium	Very Low / No Effect
R1/01352	Dwelling	Medium	Very Low / No Effect
R1/01361	Dwelling	Medium	Very Low / No Effect
R1/01369	Detached	Medium	Very Low / No Effect
R2/00016	Dwelling	Medium	Very Low / No Effect
R2/00018	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R2/00019	Dwelling	Medium	Very Low / No Effect
R2/00020	Dwelling	Medium	Very Low / No Effect
R2/00022	Dwelling	Medium	Very Low / No Effect
R2/00025	Dwelling	Medium	Very Low / No Effect
R2/00027	Dwelling	Medium	Very Low / No Effect
R2/00029	Dwelling	Medium	Very Low / No Effect
R2/00030	Detached	Medium	Very Low / No Effect
R2/00031	Detached	Medium	Very Low / No Effect
R2/00032	Detached	Medium	Very Low / No Effect
R2/00034	Residential	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R2/00035	Detached	Medium	Very Low / No Effect
R2/00036	Dwelling	Medium	Very Low / No Effect
R2/00037	Dwelling	Medium	Very Low / No Effect
R2/00038	Detached	Medium	Very Low / No Effect
R2/00039	Detached	Medium	Very Low / No Effect
R2/00040	Dwelling	Medium	Very Low / No Effect
R2/00041	Dwelling	Medium	Very Low / No Effect
R2/00043	Dwelling	Medium	Very Low / No Effect
R2/00045	Care / Nursing Home	High	Very Low / No Effect
R2/00046	Dwelling	Medium	Very Low / No Effect
R2/00058	Semi-Detached	Medium	Very Low / No Effect
R2/00059	Dwelling	Medium	Very Low / No Effect
R2/00076	Dwelling	Medium	Very Low / No Effect
R2/00154	Dwelling	Medium	Very Low / No Effect
R2/00155	Residential	Medium	Very Low / No Effect
R2/00171	Dwelling	Medium	Low
R2/00331	Detached	Medium	Very Low / No Effect
R2/00341	Residential	Medium	Very Low / No Effect
R2/00347	Dwelling	Medium	Very Low / No Effect
R2/00352	Dwelling	Medium	Very Low / No Effect
R2/00353	Dwelling	Medium	Very Low / No Effect
R2/00371	Dwelling	Medium	Very Low / No Effect
R2/00375	Detached	Medium	Very Low / No Effect
R2/00397	Dwelling	Medium	Very Low / No Effect
R2/00417	Dwelling	Medium	Very Low / No Effect
R2/00489	Dwelling	Medium	Very Low / No Effect
R2/00584	Dwelling	Medium	Very Low / No Effect
R2/00588	Dwelling	Medium	Very Low / No Effect
R2/00591	Dwelling	Medium	Very Low / No Effect
R2/00597	Dwelling	Medium	Very Low / No Effect
R2/00604	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R2/00605	Dwelling	Medium	Very Low / No Effect
R2/00612	Dwelling	Medium	Very Low / No Effect
R2/00613	Dwelling	Medium	Very Low / No Effect
R2/00624	Dwelling	Medium	Very Low / No Effect
R2/00625	Dwelling	Medium	Very Low / No Effect
R2/00627	Dwelling	Medium	Very Low / No Effect
R2/00628	Dwelling	Medium	Very Low / No Effect
R2/00629	Dwelling	Medium	Very Low / No Effect
R2/00630	Dwelling	Medium	Very Low / No Effect
R2/00631	Dwelling	Medium	Very Low / No Effect
R2/00634	Dwelling	Medium	Very Low / No Effect
R2/00643	Dwelling	Medium	Very Low / No Effect
R2/00645	Dwelling	Medium	Very Low / No Effect
R2/00649	Dwelling	Medium	Very Low / No Effect
R2/00673	Dwelling	Medium	Very Low / No Effect
R2/00691	Dwelling	Medium	Very Low / No Effect
R2/00705	Dwelling	Medium	Very Low / No Effect
R2/00727	Privately Owned Holiday Caravan / Chalet	Medium	Very Low / No Effect
R2/00729	Dwelling	Medium	Very Low / No Effect
R2/00756	Detached	Medium	Very Low / No Effect
R2/00766	Detached	Medium	Very Low / No Effect
R2/00811	Dwelling	Medium	Very Low / No Effect
R2/00815	Dwelling	Medium	Very Low / No Effect
R2/00818	Detached	Medium	Very Low / No Effect
R2/00819	Dwelling	Medium	Very Low / No Effect
R2/00827	Dwelling	Medium	Very Low / No Effect
R2/00830	Dwelling	Medium	Very Low / No Effect
R2/00833	Dwelling	Medium	Very Low / No Effect
R2/00835	Residential	Medium	Very Low / No Effect
R2/00845	Dwelling	Medium	Very Low / No Effect
R2/00848	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R2/00853	Detached	Medium	Very Low / No Effect
R2/00854	Caravan	Medium	Very Low / No Effect
R2/00855	Dwelling	Medium	Very Low / No Effect
R2/00857	Dwelling	Medium	Very Low / No Effect
R2/00861	Dwelling	Medium	Very Low / No Effect
R2/00864	Dwelling	Medium	Very Low / No Effect
R2/00866	Dwelling	Medium	Very Low / No Effect
R2/00867	Dwelling	Medium	Very Low / No Effect
R2/00871	Dwelling	Medium	Low
R2/00888	Dwelling	Medium	Very Low / No Effect
R2/00894	Dwelling	Medium	Low
R2/13591	Detached	Medium	Very Low / No Effect
R2/13706	Caravan	Medium	Very Low / No Effect
R2/13709	Residential	Medium	Very Low / No Effect
R3/00135	Dwelling	Medium	Very Low / No Effect
R3/00137	Dwelling	Medium	Very Low / No Effect
R3/00138	Dwelling	Medium	Very Low / No Effect
R3/00141	Detached	Medium	Low
R3/00148	Detached	Medium	Very Low / No Effect
R3/00159	Dwelling	Medium	Very Low / No Effect
R3/00162	Dwelling	Medium	Very Low / No Effect
R3/00163	Dwelling	Medium	Very Low / No Effect
R3/00164	Dwelling	Medium	Very Low / No Effect
R3/00165	Dwelling	Medium	Very Low / No Effect
R3/00166	Dwelling	Medium	Very Low / No Effect
R3/00168	Dwelling	Medium	Very Low / No Effect
R3/00169	Dwelling	Medium	Very Low / No Effect
R3/00171	Dwelling	Medium	Very Low / No Effect
R3/00172	Dwelling	Medium	Very Low / No Effect
R3/00173	Dwelling	Medium	Very Low / No Effect
R3/00174	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R3/00175	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R3/00176	Dwelling	Medium	Very Low / No Effect
R3/00182	Detached	Medium	Very Low / No Effect
R3/00185	Dwelling	Medium	Very Low / No Effect
R3/00188	Dwelling	Medium	Very Low / No Effect
R3/00193	Detached	Medium	Very Low / No Effect
R3/00238	Detached	Medium	Very Low / No Effect
R3/00255	Dwelling	Medium	Very Low / No Effect
R3/00259	Detached	Medium	Very Low / No Effect
R3/00261	Dwelling	Medium	Very Low / No Effect
R3/00262	Dwelling	Medium	Very Low / No Effect
R3/00263	Dwelling	Medium	Very Low / No Effect
R3/00266	Detached	Medium	Very Low / No Effect
R3/00270	Dwelling	Medium	Very Low / No Effect
R3/00271	Dwelling	Medium	Very Low / No Effect
R3/00272	Dwelling	Medium	Low
R3/00273	Dwelling	Medium	Very Low / No Effect
R3/00276	Dwelling	Medium	Very Low / No Effect
R3/00277	Residential	Medium	Very Low / No Effect
R3/00280	Detached	Medium	Very Low / No Effect
R3/00281	Dwelling	Medium	Very Low / No Effect
R3/00282	Dwelling	Medium	Very Low / No Effect
R3/00284	Dwelling	Medium	Very Low / No Effect
R3/00286	Detached	Medium	Very Low / No Effect
R3/00288	Dwelling	Medium	Very Low / No Effect
R3/00289	Residential	Medium	Very Low / No Effect
R3/00290	Detached	Medium	Very Low / No Effect
R3/00291	Dwelling	Medium	Very Low / No Effect
R3/00292	Dwelling	Medium	Very Low / No Effect
R3/00293	Residential	Medium	Very Low / No Effect
R3/00294	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R3/00295	Dwelling	Medium	Very Low / No Effect
R3/00297	Dwelling	Medium	Very Low / No Effect
R3/00303	Dwelling	Medium	Very Low / No Effect
R3/00305	Dwelling	Medium	Very Low / No Effect
R3/00307	Dwelling	Medium	Very Low / No Effect
R3/00351	Dwelling	Medium	Very Low / No Effect
R3/00368	Detached	Medium	Low
R3/00372	Detached	Medium	Very Low / No Effect
R3/00373	Dwelling	Medium	Very Low / No Effect
R3/00374	Dwelling	Medium	Very Low / No Effect
R3/00375	Dwelling	Medium	Very Low / No Effect
R3/00380	Dwelling	Medium	Low
R3/00381	Residential	Medium	Low
R3/00382	Dwelling	Medium	Very Low / No Effect
R3/00384	Dwelling	Medium	Very Low / No Effect
R3/00385	Dwelling	Medium	Very Low / No Effect
R3/00386	Dwelling	Medium	Very Low / No Effect
R3/00387	Dwelling	Medium	Very Low / No Effect
R3/00395	Detached	Medium	Very Low / No Effect
R3/13295	Detached	Medium	Very Low / No Effect
R3/13332	Privately Owned Holiday Caravan / Chalet	Medium	Low
R3/13335	Detached	Medium	Low
R3/13587	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R4/01475	Dwelling	Medium	Very Low / No Effect
R4/01476	Dwelling	Medium	Very Low / No Effect
R4/01477	Detached	Medium	Very Low / No Effect
R4/01478	Dwelling	Medium	Very Low / No Effect
R4/01479	Dwelling	Medium	Very Low / No Effect
R4/01480	Dwelling	Medium	Very Low / No Effect
R4/01481	Dwelling	Medium	Very Low / No Effect
R4/01483	Detached	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R4/01484	Caravan	Medium	Very Low / No Effect
R4/01485	Detached	Medium	Very Low / No Effect
R4/01488	Residential	Medium	Low
R4/01491	Dwelling	Medium	Very Low / No Effect
R4/01492	Dwelling	Medium	Very Low / No Effect
R4/01493	Dwelling	Medium	Very Low / No Effect
R4/01494	Caravan	Medium	Very Low / No Effect
R4/01495	Detached	Medium	Very Low / No Effect
R4/01496	Detached	Medium	Very Low / No Effect
R4/01497	Dwelling	Medium	Very Low / No Effect
R4/01498	Dwelling	Medium	Very Low / No Effect
R4/01499	Dwelling	Medium	Very Low / No Effect
R4/01500	Dwelling	Medium	Very Low / No Effect
R4/01501	Detached	Medium	Very Low / No Effect
R4/01502	Dwelling	Medium	Very Low / No Effect
R4/01504	Detached	Medium	Very Low / No Effect
R4/01505	Detached	Medium	Very Low / No Effect
R4/01506	Dwelling	Medium	Very Low / No Effect
R4/01509	Dwelling	Medium	Very Low / No Effect
R4/01511	Dwelling	Medium	Low
R4/01515	Dwelling	Medium	Very Low / No Effect
R4/01516	Dwelling	Medium	Very Low / No Effect
R4/01517	Dwelling	Medium	Very Low / No Effect
R4/01519	Dwelling	Medium	Very Low / No Effect
R4/01521	Dwelling	Medium	Very Low / No Effect
R4/01523	Dwelling	Medium	Very Low / No Effect
R4/01524	Dwelling	Medium	Very Low / No Effect
R4/01525	Dwelling	Medium	Very Low / No Effect
R4/01531	Dwelling	Medium	Very Low / No Effect
R4/01534	Dwelling	Medium	Very Low / No Effect
R4/01537	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R4/01539	Dwelling	Medium	Very Low / No Effect
R4/01541	Dwelling	Medium	Very Low / No Effect
R4/01543	Dwelling	Medium	Very Low / No Effect
R4/01545	Dwelling	Medium	Very Low / No Effect
R4/01547	Dwelling	Medium	Very Low / No Effect
R4/01551	Dwelling	Medium	Very Low / No Effect
R4/01561	Dwelling	Medium	Very Low / No Effect
R4/01567	Dwelling	Medium	Very Low / No Effect
R4/01571	Dwelling	Medium	Very Low / No Effect
R4/01574	Detached	Medium	Very Low / No Effect
R4/01575	Dwelling	Medium	Very Low / No Effect
R4/01580	Detached	Medium	Very Low / No Effect
R4/01582	Dwelling	Medium	Very Low / No Effect
R4/01583	Dwelling	Medium	Very Low / No Effect
R4/01599	Detached	Medium	Very Low / No Effect
R4/01602	Dwelling	Medium	Very Low / No Effect
R4/01631	Dwelling	Medium	Very Low / No Effect
R4/01653	Dwelling	Medium	Very Low / No Effect
R4/13710	Residential	Medium	Very Low / No Effect
R5/01873	Dwelling	Medium	Very Low / No Effect
R5/01897	Dwelling	Medium	Very Low / No Effect
R5/01954	Dwelling	Medium	Very Low / No Effect
R5/02003	Dwelling	Medium	Very Low / No Effect
R5/02059	Dwelling	Medium	Very Low / No Effect
R5/02121	Dwelling	Medium	Very Low / No Effect
R5/02166	Dwelling	Medium	Very Low / No Effect
R5/02191	Dwelling	Medium	Very Low / No Effect
R5/02305	Dwelling	Medium	Very Low / No Effect
R5/02335	Detached	Medium	Very Low / No Effect
R5/02414	Dwelling	Medium	Very Low / No Effect
R5/02428	Detached	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/02534	Dwelling	Medium	Very Low / No Effect
R5/02554	Dwelling	Medium	Very Low / No Effect
R5/02555	Dwelling	Medium	Very Low / No Effect
R5/02561	Dwelling	Medium	Very Low / No Effect
R5/02567	Dwelling	Medium	Low
R5/02568	Dwelling	Medium	Very Low / No Effect
R5/02592	Detached	Medium	Very Low / No Effect
R5/02593	Detached	Medium	Low
R5/02594	Detached	Medium	Low
R5/02599	Dwelling	Medium	Very Low / No Effect
R5/02600	Dwelling	Medium	Very Low / No Effect
R5/02601	Dwelling	Medium	Very Low / No Effect
R5/02602	Dwelling	Medium	Very Low / No Effect
R5/02603	Detached	Medium	Very Low / No Effect
R5/02605	Dwelling	Medium	Very Low / No Effect
R5/02606	Dwelling	Medium	Very Low / No Effect
R5/02607	Detached	Medium	Very Low / No Effect
R5/02609	Dwelling	Medium	Very Low / No Effect
R5/02610	Dwelling	Medium	Very Low / No Effect
R5/02611	Dwelling	Medium	Very Low / No Effect
R5/02612	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R5/02613	Dwelling	Medium	Very Low / No Effect
R5/02617	Dwelling	Medium	Very Low / No Effect
R5/02622	Dwelling	Medium	Very Low / No Effect
R5/02626	Dwelling	Medium	Very Low / No Effect
R5/02635	Detached	Medium	Very Low / No Effect
R5/02636	Detached	Medium	Very Low / No Effect
R5/02641	Detached	Medium	Very Low / No Effect
R5/02649	Dwelling	Medium	Very Low / No Effect
R5/02654	Dwelling	Medium	Very Low / No Effect
R5/02669	Privately Owned Holiday Caravan / Chalet	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/02671	Detached	Medium	Very Low / No Effect
R5/02672	Privately Owned Holiday Caravan / Chalet	Medium	Very Low / No Effect
R5/02687	Dwelling	Medium	Very Low / No Effect
R5/02691	Dwelling	Medium	Very Low / No Effect
R5/02696	Dwelling	Medium	Very Low / No Effect
R5/02697	Dwelling	Medium	Very Low / No Effect
R5/02700	Residential	Medium	Very Low / No Effect
R5/02703	Dwelling	Medium	Very Low / No Effect
R5/02705	Dwelling	Medium	Very Low / No Effect
R5/02725	Dwelling	Medium	Very Low / No Effect
R5/02726	Dwelling	Medium	Very Low / No Effect
R5/02728	Semi-Detached	Medium	Very Low / No Effect
R5/02731	Dwelling	Medium	Very Low / No Effect
R5/02741	Dwelling	Medium	Very Low / No Effect
R5/02743	Dwelling	Medium	Very Low / No Effect
R5/02744	Terraced	Medium	Very Low / No Effect
R5/02747	Terraced	Medium	Very Low / No Effect
R5/02749	Dwelling	Medium	Very Low / No Effect
R5/02750	Dwelling	Medium	Very Low / No Effect
R5/02751	Dwelling	Medium	Very Low / No Effect
R5/02753	Dwelling	Medium	Very Low / No Effect
R5/02756	Dwelling	Medium	Very Low / No Effect
R5/02760	Terraced	Medium	Very Low / No Effect
R5/02761	Dwelling	Medium	Very Low / No Effect
R5/02762	Terraced	Medium	Very Low / No Effect
R5/02763	Dwelling	Medium	Very Low / No Effect
R5/02764	Terraced	Medium	Very Low / No Effect
R5/02765	Terraced	Medium	Very Low / No Effect
R5/02766	Dwelling	Medium	Very Low / No Effect
R5/02767	Dwelling	Medium	Very Low / No Effect
R5/02768	Terraced	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/02770	Terraced	Medium	Very Low / No Effect
R5/02775	Dwelling	Medium	Very Low / No Effect
R5/02776	Dwelling	Medium	Very Low / No Effect
R5/02778	Dwelling	Medium	Very Low / No Effect
R5/02780	Dwelling	Medium	Very Low / No Effect
R5/02781	Dwelling	Medium	Very Low / No Effect
R5/02783	Dwelling	Medium	Very Low / No Effect
R5/02786	Dwelling	Medium	Very Low / No Effect
R5/02802	Dwelling	Medium	Very Low / No Effect
R5/02812	Detached	Medium	Very Low / No Effect
R5/02815	Dwelling	Medium	Very Low / No Effect
R5/02878	Detached	Medium	Very Low / No Effect
R5/02908	Dwelling	Medium	Very Low / No Effect
R5/02917	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R5/02920	Dwelling	Medium	Very Low / No Effect
R5/02925	Dwelling	Medium	Very Low / No Effect
R5/02927	Dwelling	Medium	Very Low / No Effect
R5/02987	Dwelling	Medium	Very Low / No Effect
R5/02996	Detached	Medium	Very Low / No Effect
R5/02998	Dwelling	Medium	Very Low / No Effect
R5/03013	Caravan	Medium	Very Low / No Effect
R5/03134	Dwelling	Medium	Very Low / No Effect
R5/03211	Dwelling	Medium	Very Low / No Effect
R5/03236	Dwelling	Medium	Very Low / No Effect
R5/03353	Dwelling	Medium	Very Low / No Effect
R5/03383	Dwelling	Medium	Very Low / No Effect
R5/03422	Dwelling	Medium	Very Low / No Effect
R5/03423	Dwelling	Medium	Very Low / No Effect
R5/03425	Dwelling	Medium	Very Low / No Effect
R5/03427	Dwelling	Medium	Very Low / No Effect
R5/03429	Dwelling	Medium	Very Low / No Effect

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/03435	Dwelling	Medium	Very Low / No Effect
R5/03438	Dwelling	Medium	Very Low / No Effect
R5/03440	Dwelling	Medium	Very Low / No Effect
R5/03443	Dwelling	Medium	Very Low / No Effect
R5/03460	Dwelling	Medium	Very Low / No Effect
R5/03469	Dwelling	Medium	Very Low / No Effect
R5/03475	Terraced	Medium	Very Low / No Effect
R5/03482	Terraced	Medium	Very Low / No Effect
R5/03484	Dwelling	Medium	Very Low / No Effect
R5/03493	Terraced	Medium	Very Low / No Effect
R5/03496	Dwelling	Medium	Very Low / No Effect
R5/03505	Dwelling	Medium	Very Low / No Effect
R5/03513	Terraced	Medium	Very Low / No Effect
R5/03516	Dwelling	Medium	Very Low / No Effect
R5/03521	Terraced	Medium	Very Low / No Effect
R5/03533	Terraced	Medium	Very Low / No Effect
R5/03554	Dwelling	Medium	Very Low / No Effect
R5/03565	Dwelling	Medium	Very Low / No Effect
R5/03576	Dwelling	Medium	Very Low / No Effect
R5/03591	Dwelling	Medium	Very Low / No Effect
R5/03607	Dwelling	Medium	Very Low / No Effect
R5/03617	Dwelling	Medium	Very Low / No Effect
R5/03647	Dwelling	Medium	Very Low / No Effect
R5/03691	Dwelling	Medium	Very Low / No Effect
R5/03694	Dwelling	Medium	Very Low / No Effect
R5/03705	Dwelling	Medium	Very Low / No Effect
R5/03723	Dwelling	Medium	Very Low / No Effect
R5/03726	Dwelling	Medium	Very Low / No Effect
R5/03740	Dwelling	Medium	Very Low / No Effect
R5/03741	Dwelling	Medium	Very Low / No Effect
R5/03768	Dwelling	Medium	Very Low / No Effect

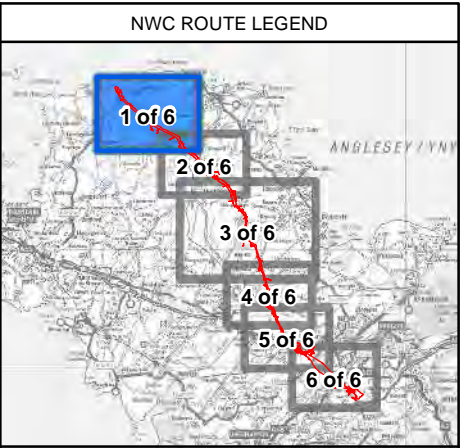
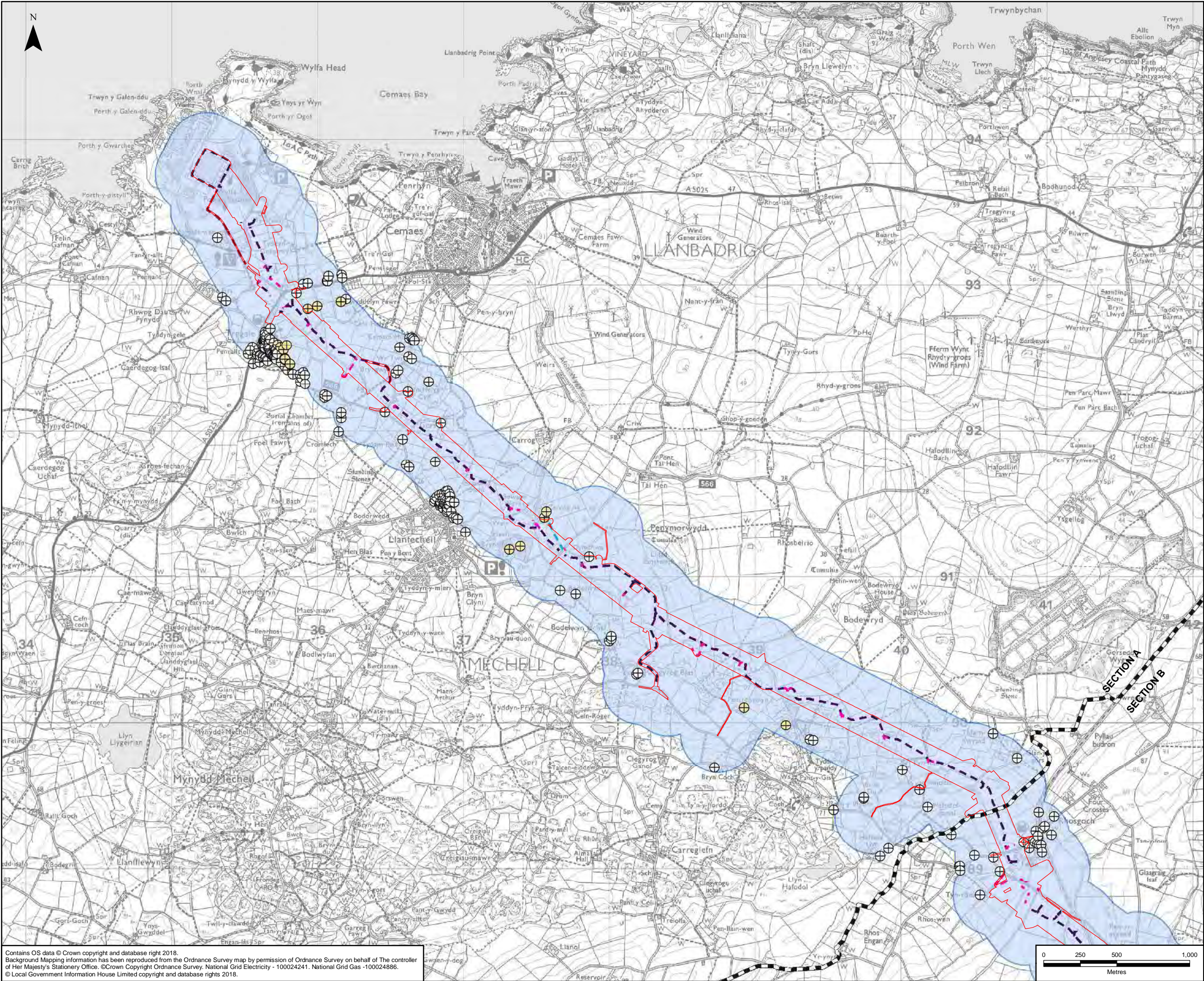
Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/03769	Dwelling	Medium	Very Low / No Effect
R5/06651	Detached	Medium	Very Low / No Effect
R5/06802	Detached	Medium	Very Low / No Effect
R5/06811	Detached	Medium	Very Low / No Effect
R5/06868	Detached	Medium	Very Low / No Effect
R5/06876	Detached	Medium	Very Low / No Effect
R5/07067	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R5/07068	Detached	Medium	Very Low / No Effect
R5/07079	Detached	Medium	Very Low / No Effect
R5/07156	Detached	Medium	Very Low / No Effect
R5/07169	Caravan	Medium	Very Low / No Effect
R5/07260	Detached	Medium	Very Low / No Effect
R5/07284	Detached	Medium	Very Low / No Effect
R5/07307	Detached	Medium	Very Low / No Effect
R5/07322	Detached	Medium	Very Low / No Effect
R5/07524	Detached	Medium	Very Low / No Effect
R5/07647	Detached	Medium	Very Low / No Effect
R5/07659	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R5/07660	Detached	Medium	Very Low / No Effect
R5/07785	Detached	Medium	Very Low / No Effect
R5/07945	Detached	Medium	Very Low / No Effect
R5/08106	Detached	Medium	Very Low / No Effect
R5/08346	Detached	Medium	Very Low / No Effect
R5/08407	Detached	Medium	Low
R5/08539	Detached	Medium	Very Low / No Effect
R5/08540	Caravan	Medium	Very Low / No Effect
R5/08541	Semi-Detached	Medium	Very Low / No Effect
R5/08574	Detached	Medium	Very Low / No Effect
R5/08715	Detached	Medium	Low
R5/09355	Detached	Medium	Low
R5/09356	Caravan	Medium	Low

Summary of Noise Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/13319	Detached	Medium	Very Low / No Effect
R5/13339	Privately Owned Holiday Caravan / Chalet	Medium	Very Low / No Effect
R5/13562	Privately Owned Holiday Caravan / Chalet	Medium	Low
R5/13595	Privately Owned Holiday Caravan / Chalet	Medium	Low
R5/13656	Detached	Medium	Very Low / No Effect
R5/13711	Residential	Medium	Very Low / No Effect
R5/13724	Residential	Medium	Very Low / No Effect
Z2/13717	Church	Medium	Very Low / No Effect
Z3/00001	Place Of Worship	Medium	Very Low / No Effect
Z3/13716	Church	Medium	Very Low / No Effect

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Figure A

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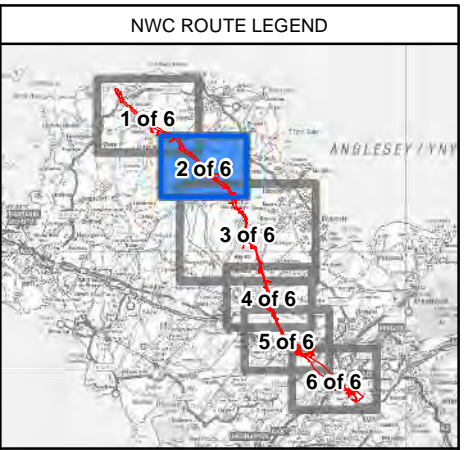
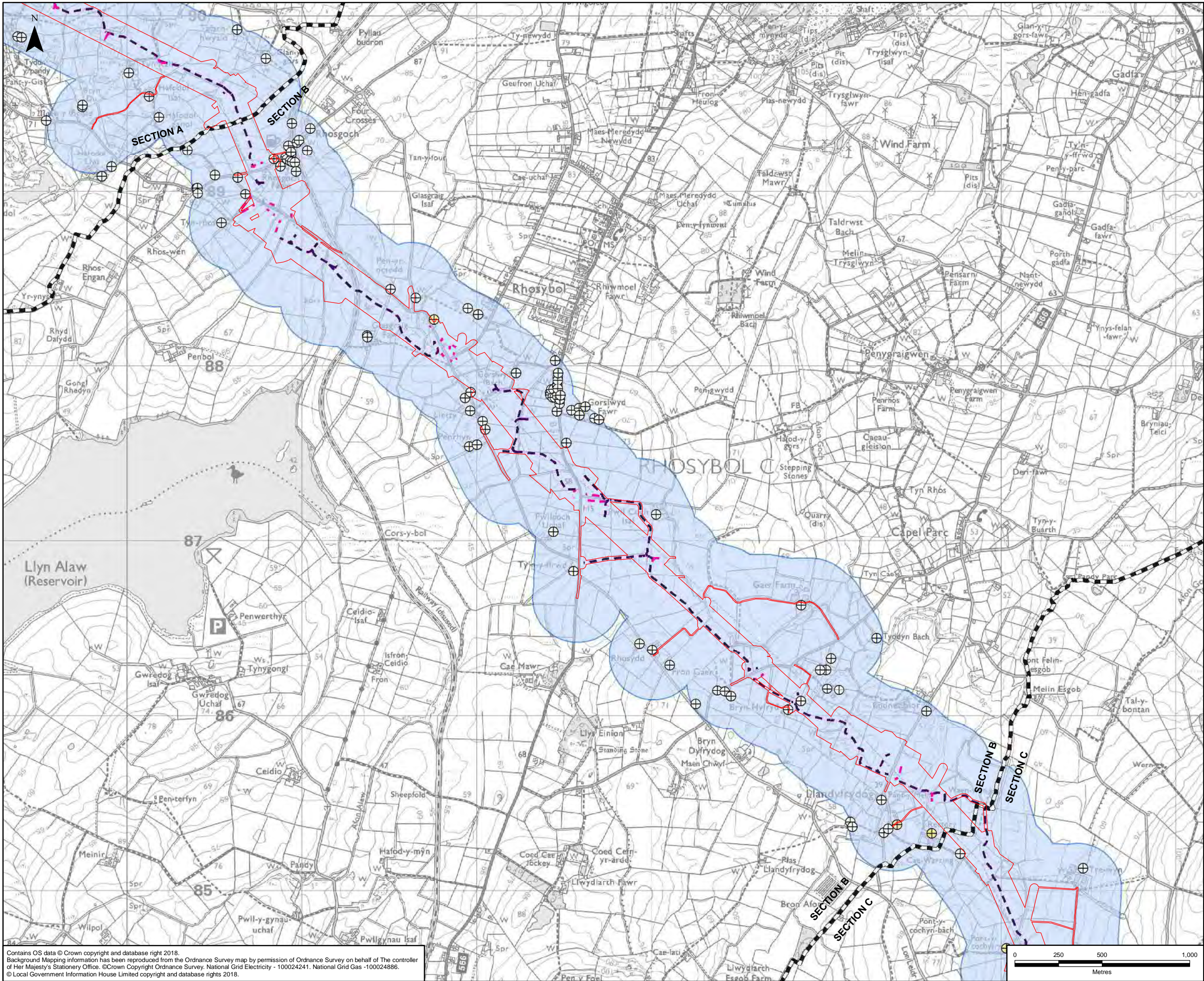


LEGEND

- ORDER LIMITS
- SECTION OUTLINES
- SIGNIFICANCE OF EFFECT:
 - MINOR
 - NEGLECTIBLE
 - NEGLECTIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- STUDY AREA: ACCESS TRACKS (OPTION A)

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App
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Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.15.2.9					
Document Title: FIGURE A SIGNIFICANCE OF NOISE EFFECTS FROM CONSTRUCTION OF ACCESS TRACKS CULVERTS AND BRIDGES SECTION A					
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FIGURE	1:24,000	A3	1 of 6	A	

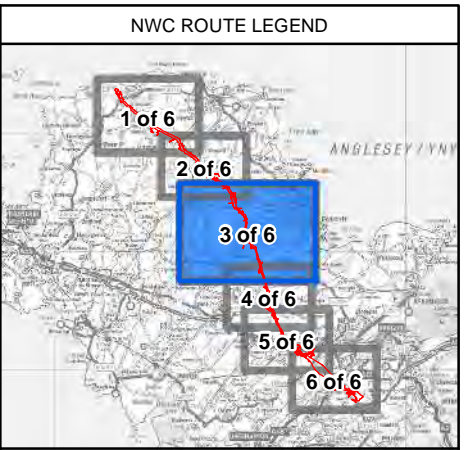
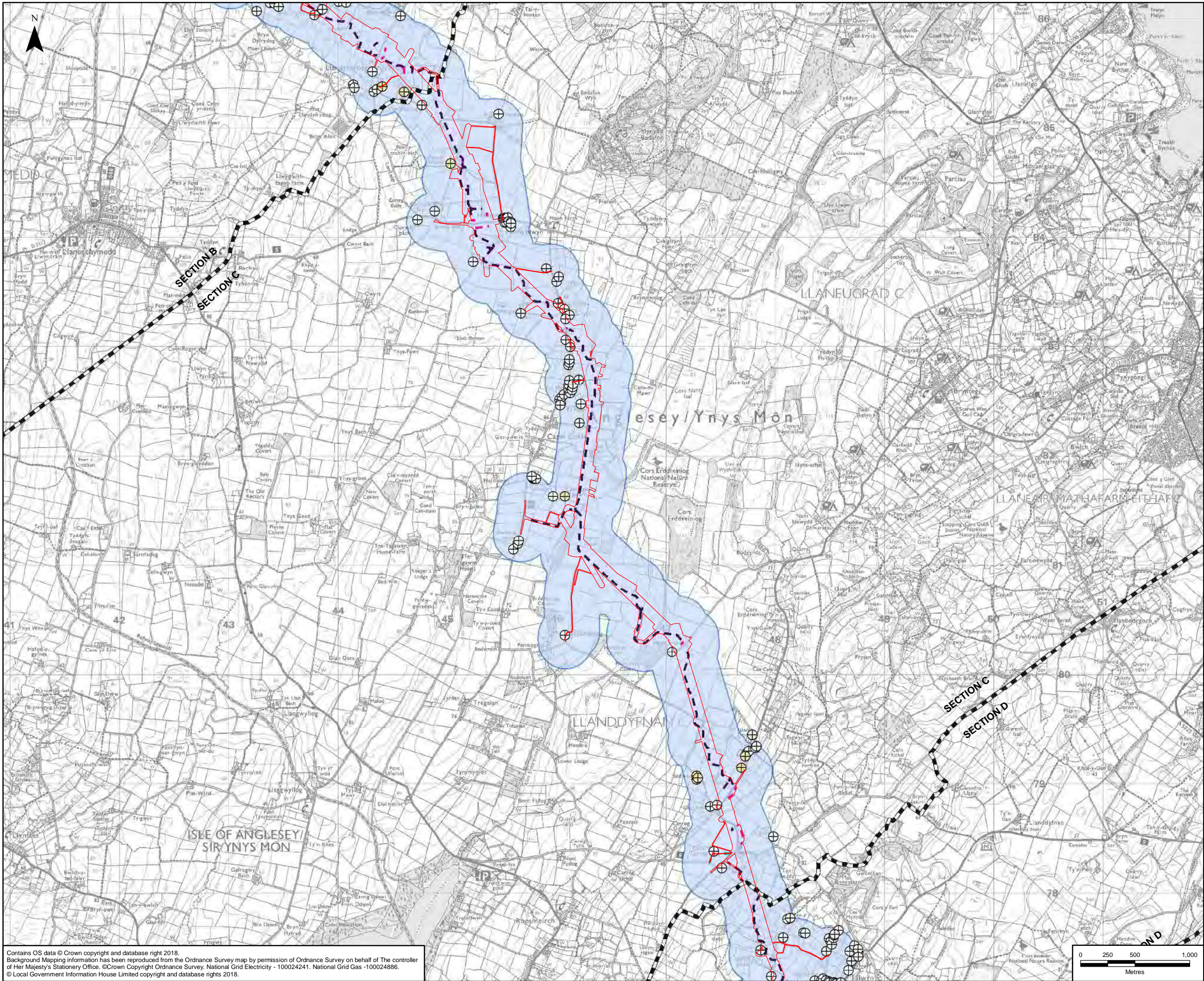
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LEGEND	
	ORDER LIMITS
	SECTION OUTLINES
SIGNIFICANCE OF EFFECT:	
	MINOR
	NEGLIGIBLE
	NEGLIGIBLE / NO EFFECT
	NATIONAL GRID STONE ACCESS ROAD
	NATIONAL GRID INTERLOCKING PANELS
	NATIONAL GRID ACCESS TO MITIGATION PLANTING
	STUDY AREA: ACCESS TRACKS (OPTION A)

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
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Document Number: 5.15.2.9					
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Creator:	Date:	Checker:	Date:	Approver:	Date:
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FIGURE	1:20,000	A3	2 of 6	A	

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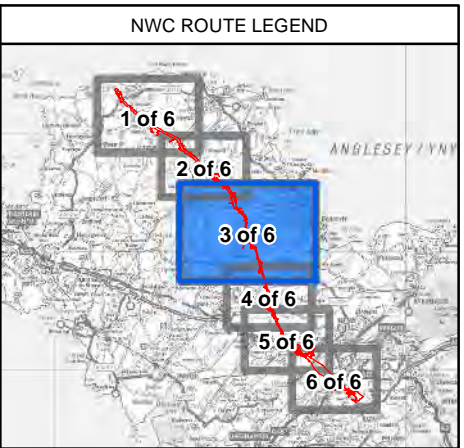
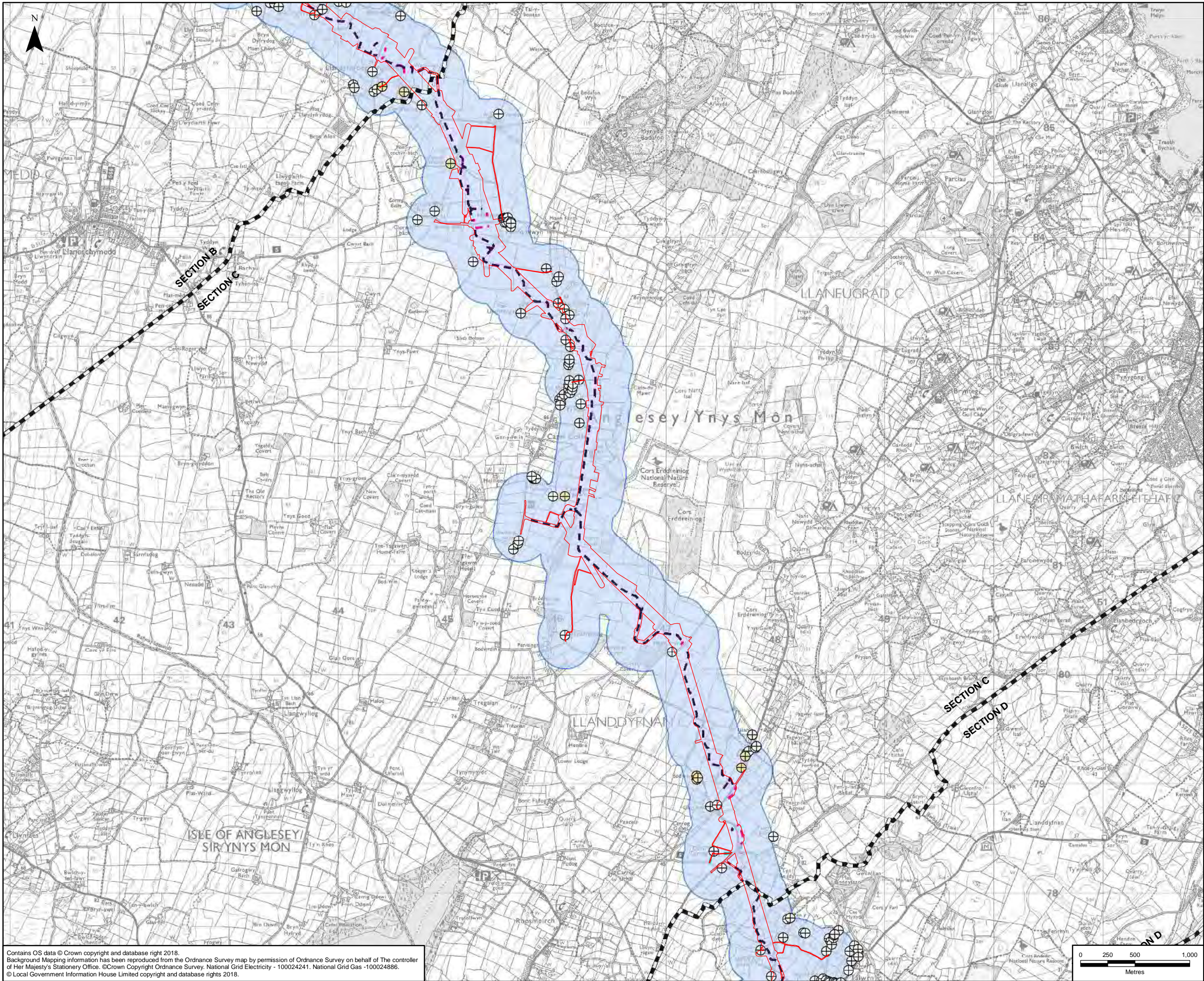


LEGEND

- ORDER LIMITS - OPTION A
- SECTION COUTLINES
- SIGNIFICANCE OF EFFECT:
- MINOR
- NEGLIGIBLE
- NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- STUDY AREA: ACCESS TRACKS (OPTION A)

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JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
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FIGURE	1:32,000	A3	3 of 6 Option A	A	

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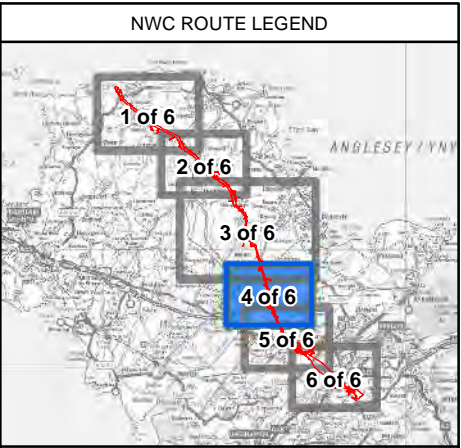
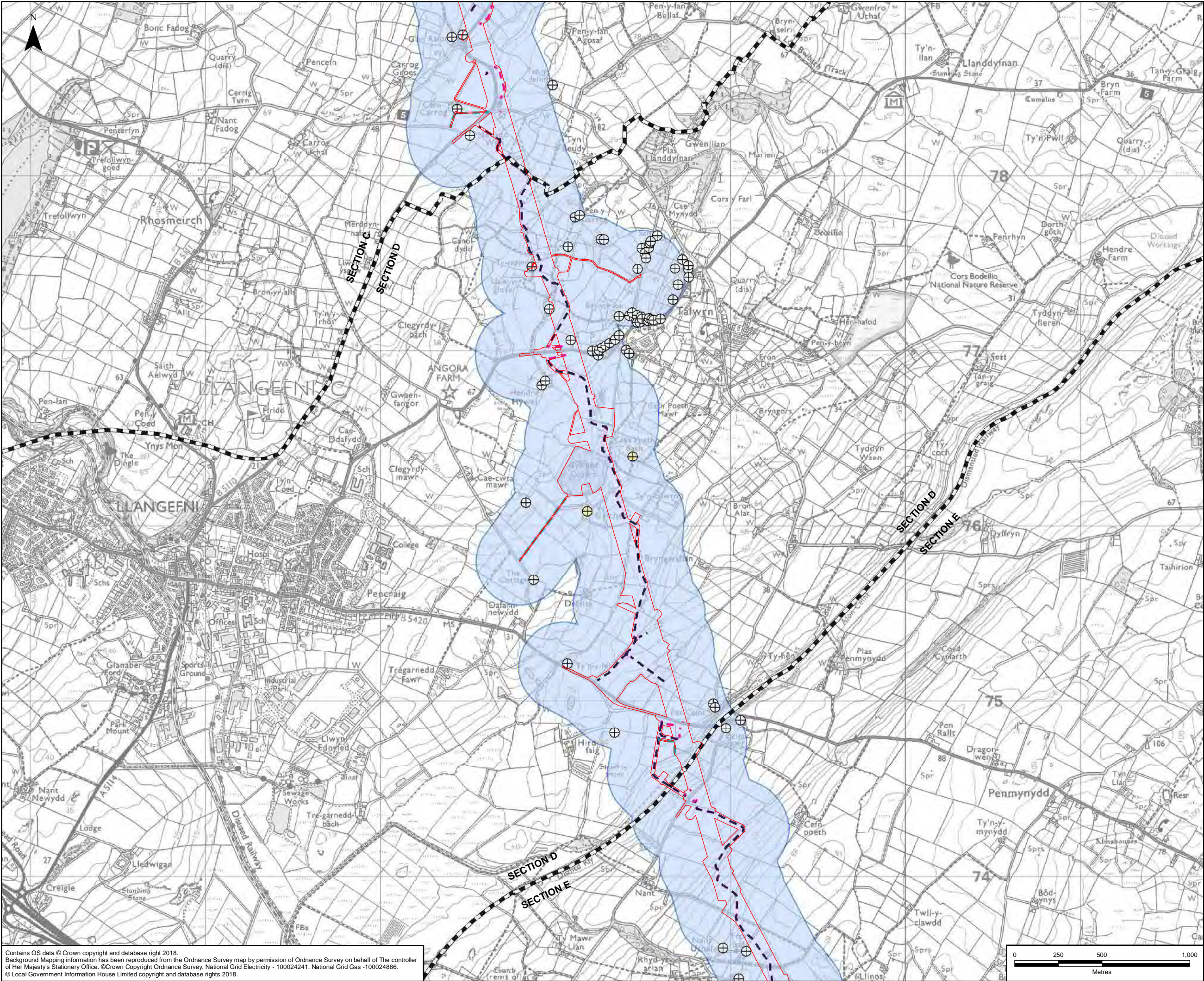


LEGEND

- ORDER LIMITS - OPTION B
- SECTION OUTLINES
- SIGNIFICANCE OF EFFECT:
- MINOR
- NEGLIGIBLE
- NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- STUDY AREA: ACCESS TRACKS (OPTION B)

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FIGURE	1:32,000	A3	3 of 6 Option B	A	

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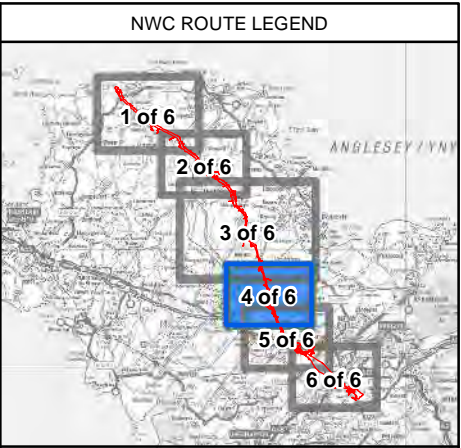
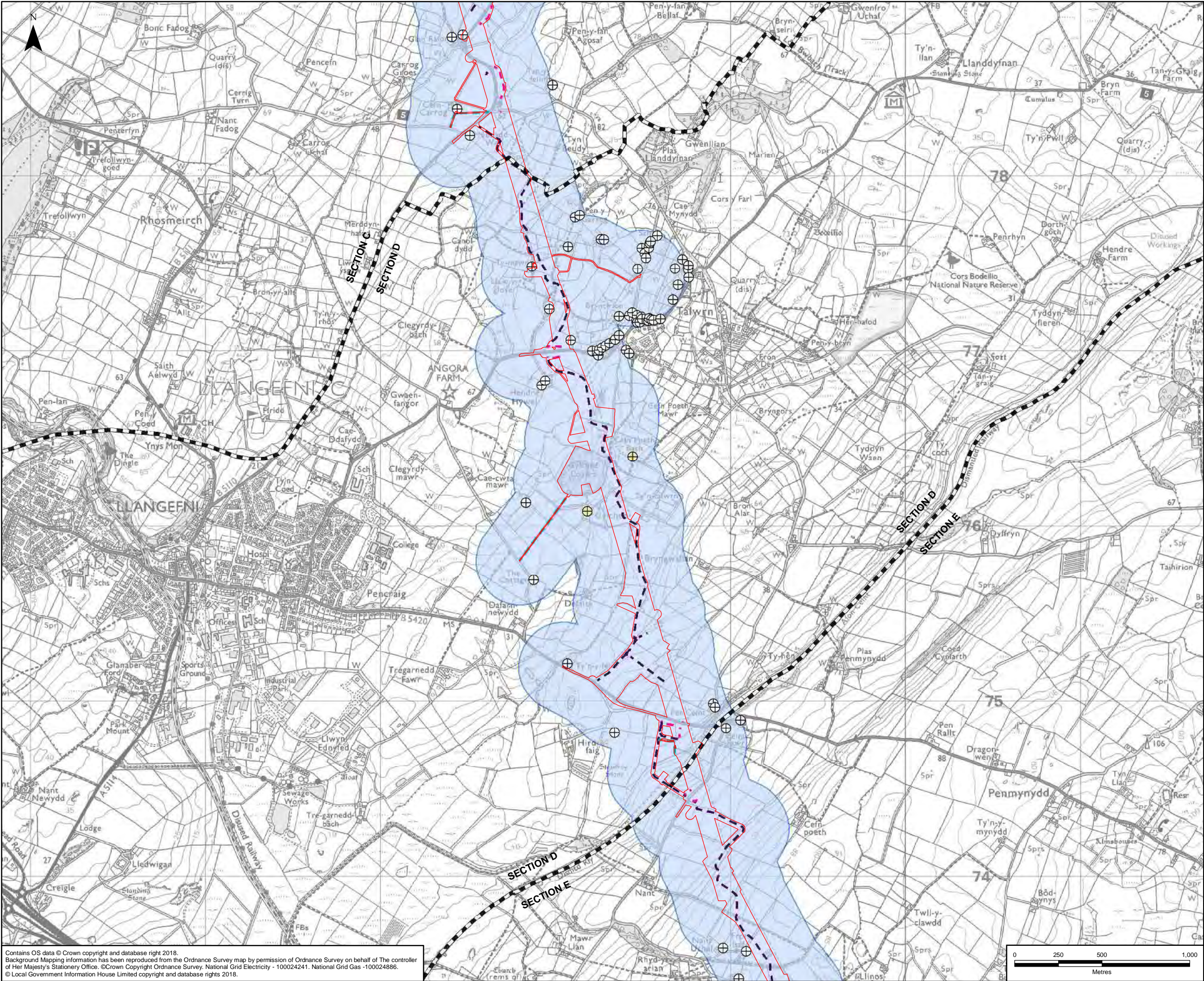


LEGEND

- ORDER LIMITS - OPTION A
- SECTION OUTLINES
- SIGNIFICANCE OF EFFECT:
 - MINOR
 - NEGLECTIBLE
 - NEGLECTIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- STUDY AREA: ACCESS TRACKS (OPTION A)

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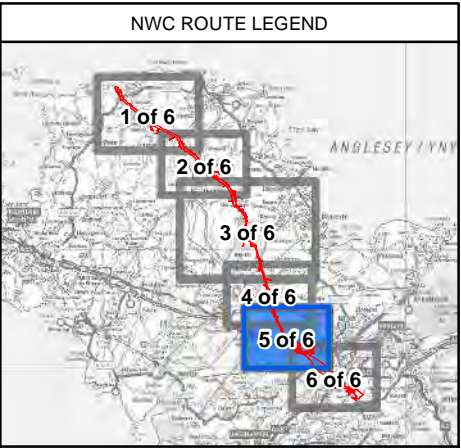
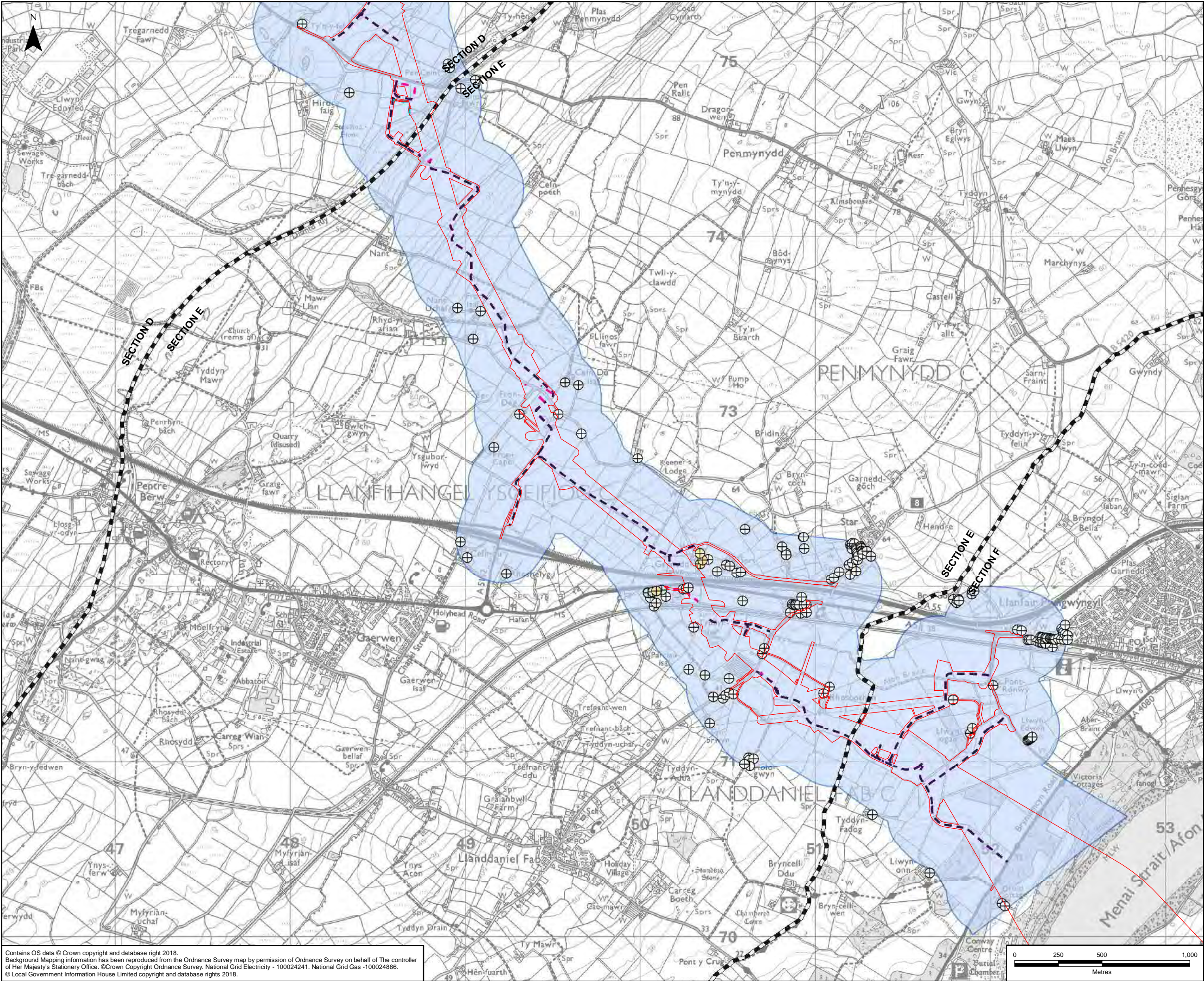
ORDER LIMITS - OPTION B

SECTION OUTLINES

SIGNIFICANCE OF EFFECT:

- MINOR
- NEGLIGIBLE
- NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- STUDY AREA: ACCESS TRACKS (OPTION B)

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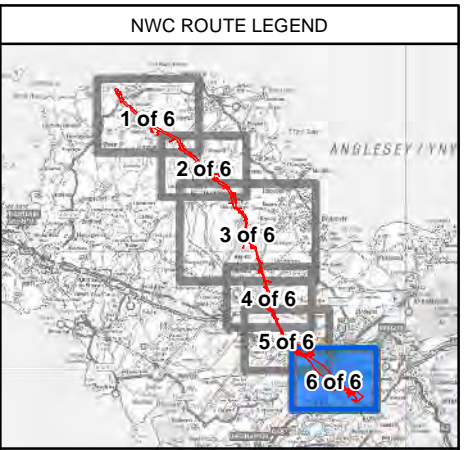
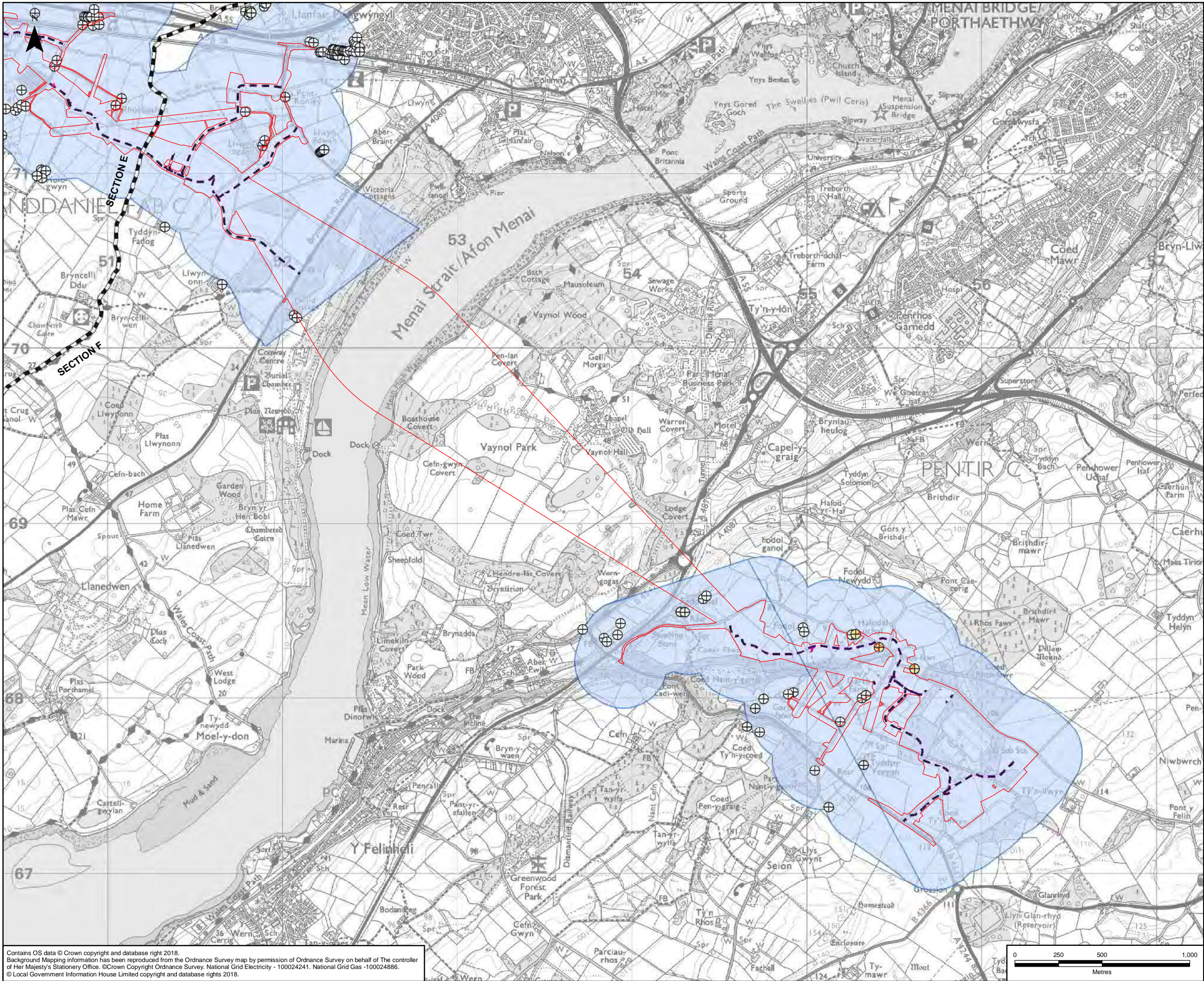


LEGEND

- ORDER LIMITS
- SECTION OUTLINES
- SIGNIFICANCE OF EFFECT:
 - MINOR
 - NEGLIGIBLE
 - NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- STUDY AREA: ACCESS TRACKS (OPTION A)

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.15.2.9					
Document Title: FIGURE A SIGNIFICANCE OF NOISE EFFECTS FROM CONSTRUCTION OF ACCESS TRACKS CULVERTS AND BRIDGES SECTION E					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
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FIGURE	1:20,000	A3	5 of 6	A	

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LEGEND

ORDER LIMITS

SECTION OUTLINES

SIGNIFICANCE OF EFFECT:

- MINOR
- NEGLECTIBLE
- NEGLECTIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- STUDY AREA: ACCESS TRACKS (OPTION A)

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.15.2.9					
Document Title: FIGURE A SIGNIFICANCE OF NOISE EFFECTS FROM CONSTRUCTION OF ACCESS TRACKS CULVERTS AND BRIDGES SECTION F					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	6 of 6	A	

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2. Summary of Vibration Effects

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
C1/00005	Commercial	Low	Very Low / No Effect
C1/00010	Public House / Bar / Nightclub	Low	Very Low / No Effect
C1/00011	Shop / Showroom	Low	Very Low / No Effect
C1/00012	Shop / Showroom	Low	Very Low / No Effect
C1/13707	Caravan	Medium	Very Low / No Effect
C2/00006	Hotel/Motel	Medium	Very Low / No Effect
C2/13723	Commercial	Low	Very Low / No Effect
C2/13724	Guest & Boarding Houses	Medium	Very Low / No Effect
C5/00398	Workshop / Light Industrial	Very low	Very Low / No Effect
C5/00400	Manufacturing	Very low	Very Low / No Effect
C5/00407	Shop / Showroom	Low	Very Low / No Effect
C5/00413	Shop / Showroom	Low	Very Low / No Effect
C5/00417	Shop / Showroom	Low	Very Low / No Effect
C5/00419	Shop / Showroom	Low	Very Low / No Effect
C5/00420	Retail	Low	Very Low / No Effect
C5/00457	Shop / Showroom	Low	Very Low / No Effect
C5/00458	Workshop / Light Industrial	Very low	Very Low / No Effect
C5/00459	Shop / Showroom	Low	Very Low / No Effect
C5/00460	Shop / Showroom	Low	Very Low / No Effect
C5/00462	Retail	Low	Very Low / No Effect
C5/00464	Shop / Showroom	Low	Very Low / No Effect
C5/00465	Shop / Showroom	Low	Very Low / No Effect
C5/00469	Shop / Showroom	Low	Very Low / No Effect
C5/00490	Commercial	Low	Very Low / No Effect
C5/00784	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
C5/01065	Warehouse / Store / Storage Depot	Very low	Very Low / No Effect
C5/13299	Commercial	Low	Very Low / No Effect
C5/13300	Commercial	Low	Very Low / No Effect
C5/13301	Commercial	Low	Very Low / No Effect
C5/13713	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect
R1/00071	Dwelling	Medium	Very Low / No Effect
R1/00072	Terraced	Medium	Very Low / No Effect
R1/00079	Semi-Detached	Medium	Very Low / No Effect
R1/00086	Detached	Medium	Very Low / No Effect
R1/00089	Semi-Detached	Medium	Very Low / No Effect
R1/00094	Semi-Detached	Medium	Very Low / No Effect
R1/00095	Dwelling	Medium	Very Low / No Effect
R1/00135	Dwelling	Medium	Very Low / No Effect
R1/00144	Dwelling	Medium	Very Low / No Effect
R1/00152	Dwelling	Medium	Very Low / No Effect
R1/00153	Dwelling	Medium	Very Low / No Effect
R1/00161	Dwelling	Medium	Very Low / No Effect
R1/00162	Caravan	Medium	Very Low / No Effect
R1/00256	Dwelling	Medium	Very Low / No Effect
R1/00270	Dwelling	Medium	Very Low / No Effect
R1/00272	Dwelling	Medium	Very Low / No Effect
R1/00278	Dwelling	Medium	Very Low / No Effect
R1/00289	Dwelling	Medium	Very Low / No Effect
R1/00533	Dwelling	Medium	Very Low / No Effect
R1/01118	Dwelling	Medium	Very Low / No Effect
R1/01167	Dwelling	Medium	Very Low / No Effect
R1/01168	Dwelling	Medium	Very Low / No Effect
R1/01193	Dwelling	Medium	Very Low / No Effect
R1/01214	Residential	Medium	Very Low / No Effect
R1/01216	Dwelling	Medium	Very Low / No Effect
R1/01293	Holiday Let/Accommodation/Short-Term Let Other Than CH01	Medium	Very Low / No Effect

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R1/01337	Dwelling	Medium	Very Low / No Effect
R1/01347	Dwelling	Medium	Very Low / No Effect
R1/01351	Detached	Medium	Very Low / No Effect
R2/00016	Dwelling	Medium	Very Low / No Effect
R2/00018	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R2/00019	Dwelling	Medium	Very Low / No Effect
R2/00020	Dwelling	Medium	Very Low / No Effect
R2/00022	Dwelling	Medium	Very Low / No Effect
R2/00025	Dwelling	Medium	Very Low / No Effect
R2/00027	Dwelling	Medium	Very Low / No Effect
R2/00029	Dwelling	Medium	Very Low / No Effect
R2/00030	Detached	Medium	Very Low / No Effect
R2/00031	Detached	Medium	Very Low / No Effect
R2/00032	Detached	Medium	Very Low / No Effect
R2/00034	Residential	Medium	Very Low / No Effect
R2/00035	Detached	Medium	Very Low / No Effect
R2/00036	Dwelling	Medium	Very Low / No Effect
R2/00038	Detached	Medium	Very Low / No Effect
R2/00039	Detached	Medium	Very Low / No Effect
R2/00040	Dwelling	Medium	Very Low / No Effect
R2/00041	Dwelling	Medium	Very Low / No Effect
R2/00043	Dwelling	Medium	Very Low / No Effect
R2/00058	Semi-Detached	Medium	Very Low / No Effect
R2/00059	Dwelling	Medium	Very Low / No Effect
R2/00076	Dwelling	Medium	Very Low / No Effect
R2/00154	Dwelling	Medium	Very Low / No Effect
R2/00155	Residential	Medium	Very Low / No Effect
R2/00171	Dwelling	Medium	Very Low / No Effect
R2/00331	Detached	Medium	Very Low / No Effect
R2/00347	Dwelling	Medium	Very Low / No Effect
R2/00352	Dwelling	Medium	Very Low / No Effect
R2/00353	Dwelling	Medium	Very Low / No Effect

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R2/00371	Dwelling	Medium	Very Low / No Effect
R2/00375	Detached	Medium	Very Low / No Effect
R2/00397	Dwelling	Medium	Very Low / No Effect
R2/00417	Dwelling	Medium	Very Low / No Effect
R2/00489	Dwelling	Medium	Very Low / No Effect
R2/00604	Dwelling	Medium	Very Low / No Effect
R2/00673	Dwelling	Medium	Very Low / No Effect
R2/00705	Dwelling	Medium	Very Low / No Effect
R2/00811	Dwelling	Medium	Very Low / No Effect
R2/00815	Dwelling	Medium	Very Low / No Effect
R2/00818	Detached	Medium	Very Low / No Effect
R2/00819	Dwelling	Medium	Very Low / No Effect
R2/00830	Dwelling	Medium	Very Low / No Effect
R2/00833	Dwelling	Medium	Very Low / No Effect
R2/00835	Residential	Medium	Very Low / No Effect
R2/00845	Dwelling	Medium	Very Low / No Effect
R2/00848	Dwelling	Medium	Very Low / No Effect
R2/00853	Detached	Medium	Very Low / No Effect
R2/00854	Caravan	Medium	Very Low / No Effect
R2/00857	Dwelling	Medium	Very Low / No Effect
R2/00866	Dwelling	Medium	Very Low / No Effect
R2/00867	Dwelling	Medium	Very Low / No Effect
R2/00871	Dwelling	Medium	Very Low / No Effect
R2/00894	Dwelling	Medium	Very Low / No Effect
R2/13706	Caravan	Medium	Very Low / No Effect
R2/13709	Residential	Medium	Very Low / No Effect
R3/00137	Dwelling	Medium	Very Low / No Effect
R3/00138	Dwelling	Medium	Very Low / No Effect
R3/00141	Detached	Medium	Very Low / No Effect
R3/00148	Detached	Medium	Very Low / No Effect
R3/00159	Dwelling	Medium	Very Low / No Effect
R3/00162	Dwelling	Medium	Very Low / No Effect

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R3/00163	Dwelling	Medium	Very Low / No Effect
R3/00164	Dwelling	Medium	Very Low / No Effect
R3/00165	Dwelling	Medium	Very Low / No Effect
R3/00166	Dwelling	Medium	Very Low / No Effect
R3/00168	Dwelling	Medium	Very Low / No Effect
R3/00169	Dwelling	Medium	Very Low / No Effect
R3/00171	Dwelling	Medium	Very Low / No Effect
R3/00172	Dwelling	Medium	Very Low / No Effect
R3/00173	Dwelling	Medium	Very Low / No Effect
R3/00174	Dwelling	Medium	Very Low / No Effect
R3/00175	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R3/00182	Detached	Medium	Very Low / No Effect
R3/00185	Dwelling	Medium	Very Low / No Effect
R3/00188	Dwelling	Medium	Very Low / No Effect
R3/00255	Dwelling	Medium	Very Low / No Effect
R3/00259	Detached	Medium	Very Low / No Effect
R3/00261	Dwelling	Medium	Very Low / No Effect
R3/00271	Dwelling	Medium	Very Low / No Effect
R3/00272	Dwelling	Medium	Very Low / No Effect
R3/00273	Dwelling	Medium	Very Low / No Effect
R3/00276	Dwelling	Medium	Very Low / No Effect
R3/00277	Residential	Medium	Very Low / No Effect
R3/00280	Detached	Medium	Very Low / No Effect
R3/00281	Dwelling	Medium	Very Low / No Effect
R3/00282	Dwelling	Medium	Very Low / No Effect
R3/00284	Dwelling	Medium	Very Low / No Effect
R3/00286	Detached	Medium	Very Low / No Effect
R3/00288	Dwelling	Medium	Very Low / No Effect
R3/00289	Residential	Medium	Very Low / No Effect
R3/00290	Detached	Medium	Very Low / No Effect
R3/00291	Dwelling	Medium	Very Low / No Effect
R3/00292	Dwelling	Medium	Very Low / No Effect

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R3/00293	Residential	Medium	Very Low / No Effect
R3/00294	Dwelling	Medium	Very Low / No Effect
R3/00295	Dwelling	Medium	Very Low / No Effect
R3/00297	Dwelling	Medium	Very Low / No Effect
R3/00303	Dwelling	Medium	Very Low / No Effect
R3/00305	Dwelling	Medium	Very Low / No Effect
R3/00307	Dwelling	Medium	Very Low / No Effect
R3/00351	Dwelling	Medium	Very Low / No Effect
R3/00372	Detached	Medium	Very Low / No Effect
R3/00373	Dwelling	Medium	Very Low / No Effect
R3/00374	Dwelling	Medium	Very Low / No Effect
R3/00375	Dwelling	Medium	Very Low / No Effect
R3/00380	Dwelling	Medium	Very Low / No Effect
R3/13295	Detached	Medium	Very Low / No Effect
R4/01476	Dwelling	Medium	Very Low / No Effect
R4/01478	Dwelling	Medium	Very Low / No Effect
R4/01479	Dwelling	Medium	Very Low / No Effect
R4/01480	Dwelling	Medium	Very Low / No Effect
R4/01481	Dwelling	Medium	Very Low / No Effect
R4/01483	Detached	Medium	Very Low / No Effect
R4/01488	Residential	Medium	Very Low / No Effect
R4/01491	Dwelling	Medium	Very Low / No Effect
R4/01492	Dwelling	Medium	Very Low / No Effect
R4/01493	Dwelling	Medium	Very Low / No Effect
R4/01511	Dwelling	Medium	Very Low / No Effect
R4/01519	Dwelling	Medium	Very Low / No Effect
R4/01534	Dwelling	Medium	Very Low / No Effect
R4/13710	Residential	Medium	Very Low / No Effect
R5/02059	Dwelling	Medium	Very Low / No Effect
R5/02191	Dwelling	Medium	Very Low / No Effect
R5/02305	Dwelling	Medium	Very Low / No Effect
R5/02335	Detached	Medium	Very Low / No Effect

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/02428	Detached	Medium	Very Low / No Effect
R5/02554	Dwelling	Medium	Very Low / No Effect
R5/02555	Dwelling	Medium	Very Low / No Effect
R5/02567	Dwelling	Medium	Very Low / No Effect
R5/02568	Dwelling	Medium	Very Low / No Effect
R5/02592	Detached	Medium	Very Low / No Effect
R5/02593	Detached	Medium	Very Low / No Effect
R5/02594	Detached	Medium	Very Low / No Effect
R5/02600	Dwelling	Medium	Very Low / No Effect
R5/02601	Dwelling	Medium	Very Low / No Effect
R5/02602	Dwelling	Medium	Very Low / No Effect
R5/02603	Detached	Medium	Very Low / No Effect
R5/02605	Dwelling	Medium	Very Low / No Effect
R5/02606	Dwelling	Medium	Very Low / No Effect
R5/02607	Detached	Medium	Very Low / No Effect
R5/02609	Dwelling	Medium	Very Low / No Effect
R5/02610	Dwelling	Medium	Very Low / No Effect
R5/02611	Dwelling	Medium	Very Low / No Effect
R5/02612	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R5/02613	Dwelling	Medium	Very Low / No Effect
R5/02617	Dwelling	Medium	Very Low / No Effect
R5/02622	Dwelling	Medium	Very Low / No Effect
R5/02649	Dwelling	Medium	Very Low / No Effect
R5/02654	Dwelling	Medium	Very Low / No Effect
R5/02687	Dwelling	Medium	Very Low / No Effect
R5/02691	Dwelling	Medium	Very Low / No Effect
R5/02705	Dwelling	Medium	Very Low / No Effect
R5/02725	Dwelling	Medium	Very Low / No Effect
R5/02726	Dwelling	Medium	Very Low / No Effect
R5/02728	Semi-Detached	Medium	Very Low / No Effect
R5/02731	Dwelling	Medium	Very Low / No Effect
R5/02743	Dwelling	Medium	Very Low / No Effect

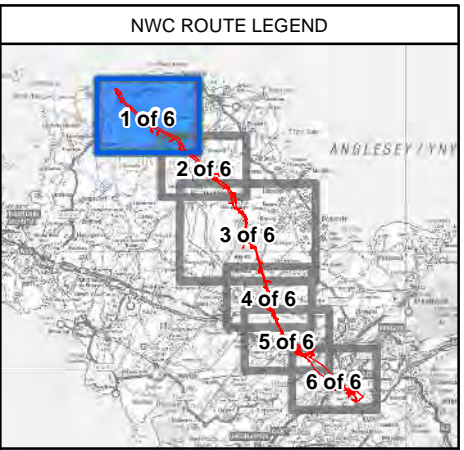
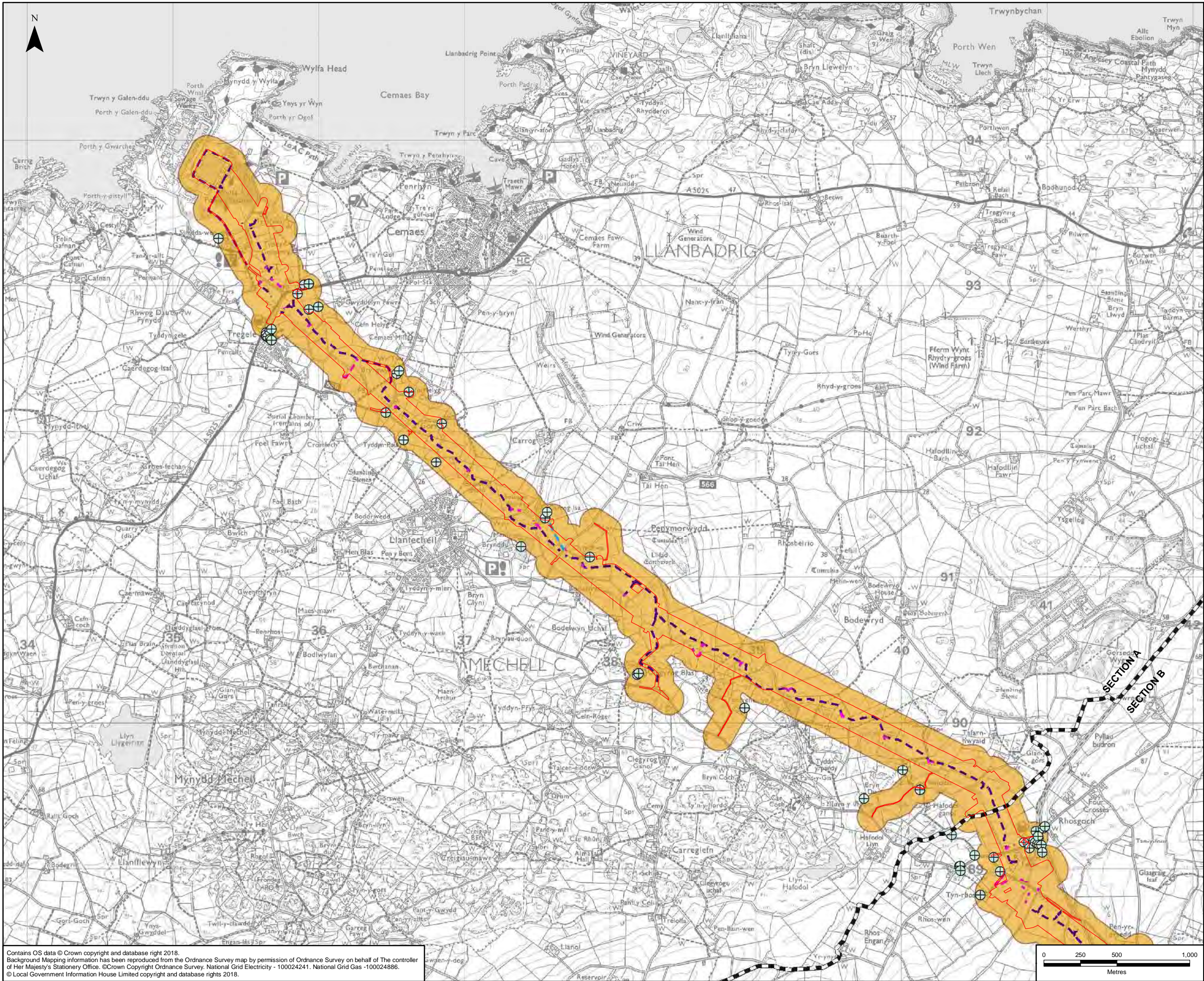
Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/02987	Dwelling	Medium	Very Low / No Effect
R5/03134	Dwelling	Medium	Very Low / No Effect
R5/03211	Dwelling	Medium	Very Low / No Effect
R5/03236	Dwelling	Medium	Very Low / No Effect
R5/03353	Dwelling	Medium	Very Low / No Effect
R5/03383	Dwelling	Medium	Very Low / No Effect
R5/03422	Dwelling	Medium	Very Low / No Effect
R5/03423	Dwelling	Medium	Very Low / No Effect
R5/03425	Dwelling	Medium	Very Low / No Effect
R5/03427	Dwelling	Medium	Very Low / No Effect
R5/03429	Dwelling	Medium	Very Low / No Effect
R5/03435	Dwelling	Medium	Very Low / No Effect
R5/03438	Dwelling	Medium	Very Low / No Effect
R5/03440	Dwelling	Medium	Very Low / No Effect
R5/03443	Dwelling	Medium	Very Low / No Effect
R5/03460	Dwelling	Medium	Very Low / No Effect
R5/03469	Dwelling	Medium	Very Low / No Effect
R5/03475	Terraced	Medium	Very Low / No Effect
R5/06811	Detached	Medium	Very Low / No Effect
R5/06868	Detached	Medium	Very Low / No Effect
R5/06876	Detached	Medium	Very Low / No Effect
R5/07067	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R5/07068	Detached	Medium	Very Low / No Effect
R5/07079	Detached	Medium	Very Low / No Effect
R5/07156	Detached	Medium	Very Low / No Effect
R5/07169	Caravan	Medium	Very Low / No Effect
R5/07524	Detached	Medium	Very Low / No Effect
R5/07647	Detached	Medium	Very Low / No Effect
R5/07659	Self Contained Flat (Includes Maisonette / Apartment)	Medium	Very Low / No Effect
R5/07660	Detached	Medium	Very Low / No Effect
R5/07785	Detached	Medium	Very Low / No Effect
R5/08106	Detached	Medium	Very Low / No Effect

Summary of Vibration Effects			
Receptor	Receptor Classification	Receptor Sensitivity	Magnitude of Effect
R5/08346	Detached	Medium	Very Low / No Effect
R5/08407	Detached	Medium	Very Low / No Effect
R5/08574	Detached	Medium	Very Low / No Effect
R5/08715	Detached	Medium	Very Low / No Effect
R5/09355	Detached	Medium	Very Low / No Effect
R5/09356	Caravan	Medium	Very Low / No Effect
R5/13562	Privately Owned Holiday Caravan / Chalet	Medium	Very Low / No Effect
R5/13595	Privately Owned Holiday Caravan / Chalet	Medium	Very Low / No Effect
R5/13711	Residential	Medium	Very Low / No Effect
R5/13724	Residential	Medium	Very Low / No Effect
Z2/13717	Church	Medium	Very Low / No Effect
Z3/13716	Church	Medium	Very Low / No Effect

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Figure B

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LEGEND

ORDER LIMITS

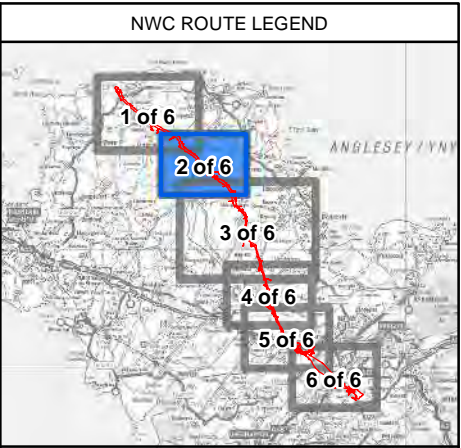
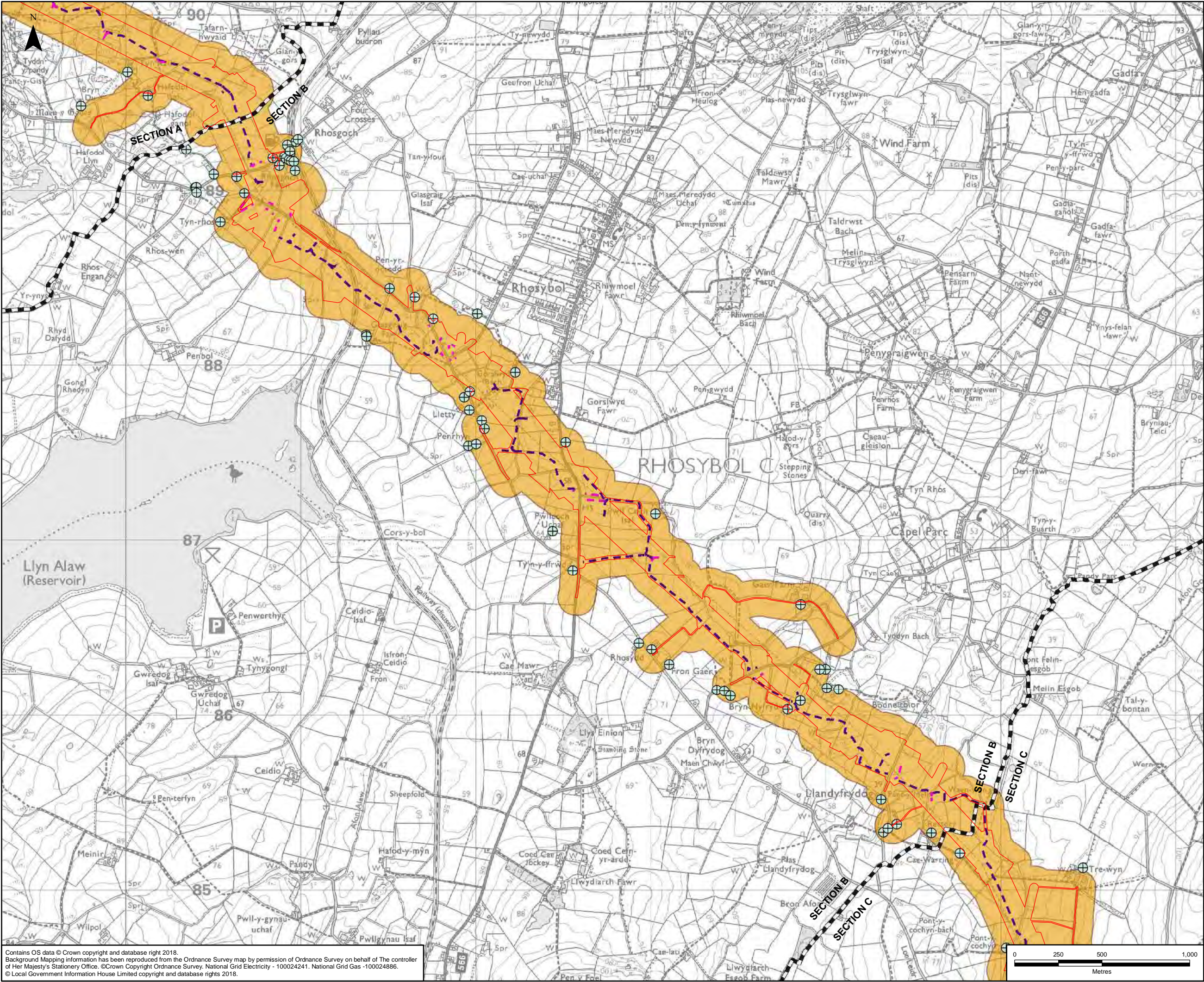
SECTION OUTLINES

SIGNIFICANCE OF EFFECT:

- NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
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- NATIONAL GRID ACCESS TO MITIGATION PLANTING
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LEGEND

ORDER LIMITS

SECTION OUTLINES

SIGNIFICANCE OF EFFECT:

NEGLIGIBLE / NO EFFECT

NATIONAL GRID STONE ACCESS ROAD

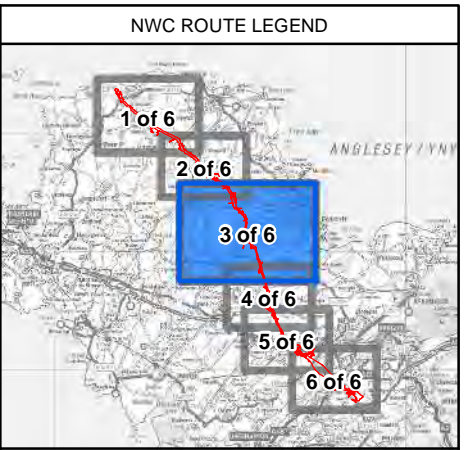
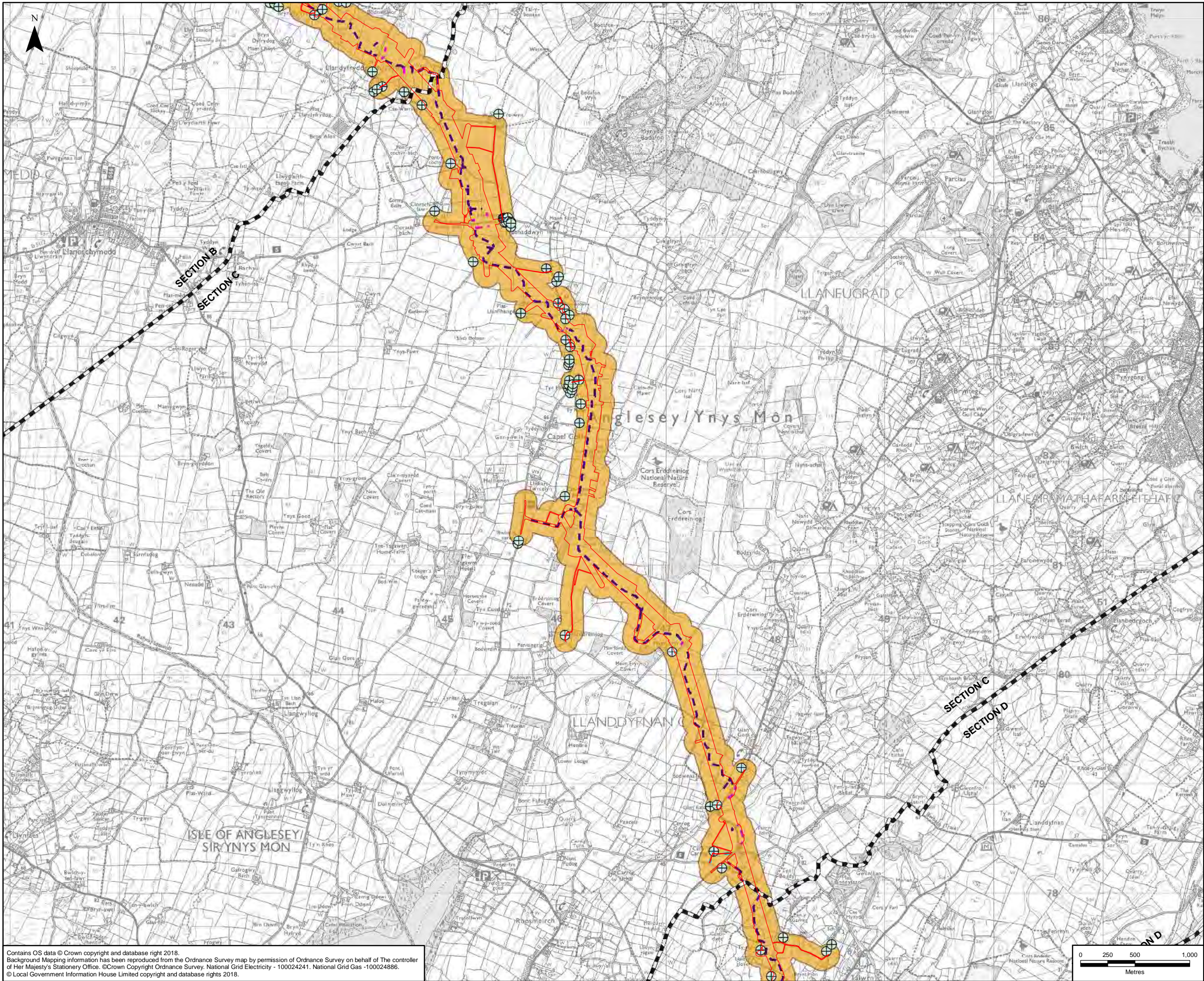
NATIONAL GRID INTERLOCKING PANELS

NATIONAL GRID ACCESS TO MITIGATION PLANTING

VIBRATION STUDY AREA: ACCESS TRACKS

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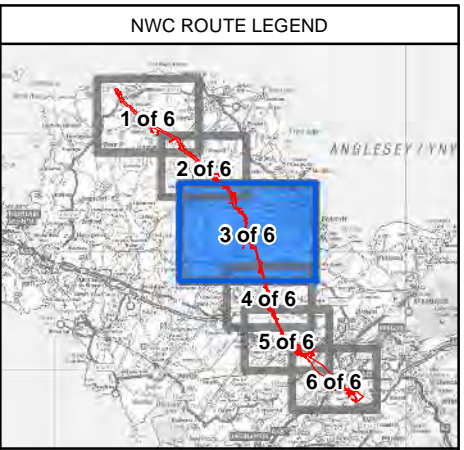
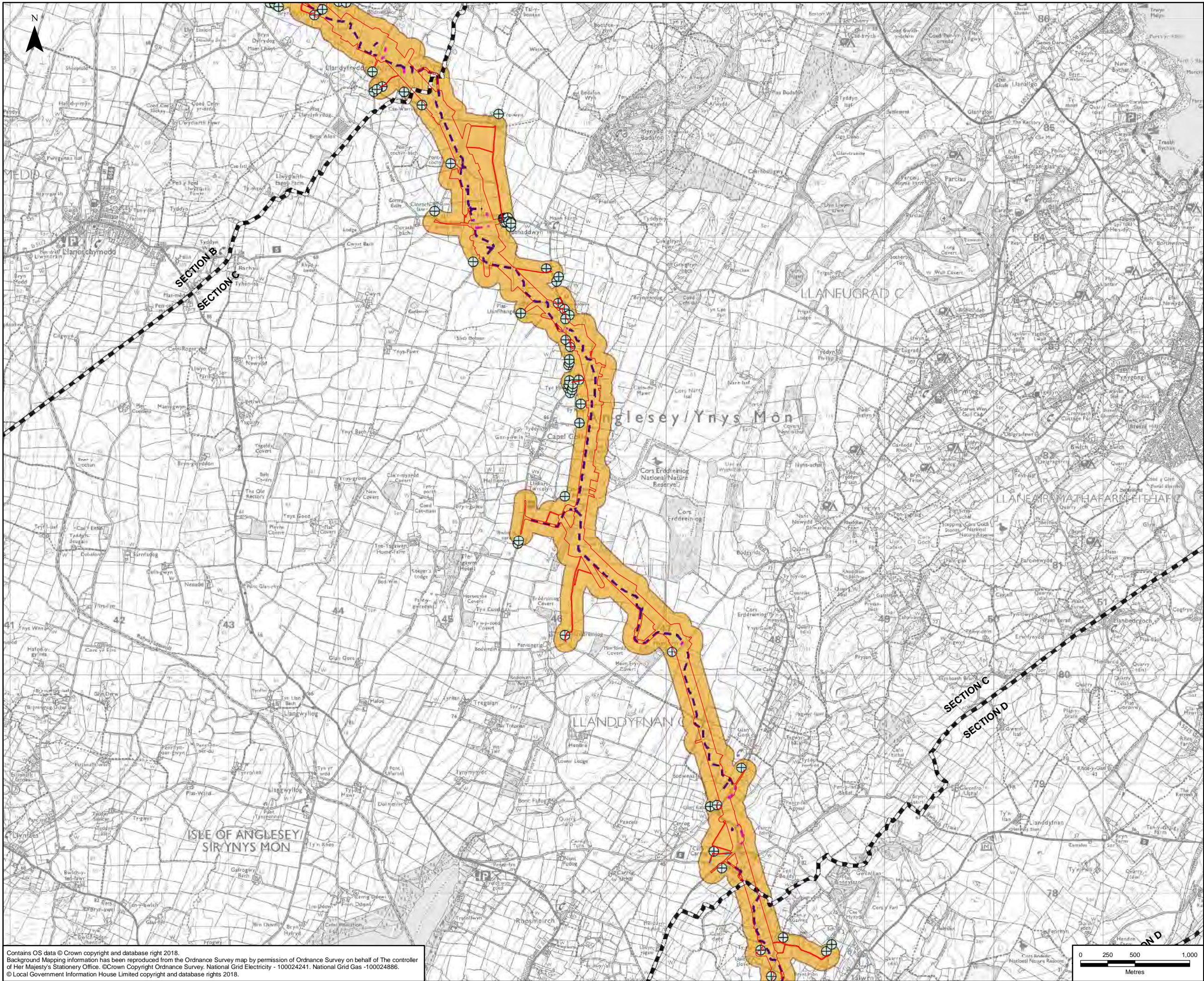
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- LEGEND**
- ORDER LIMITS - OPTION A
 - SECTION COUTLINES
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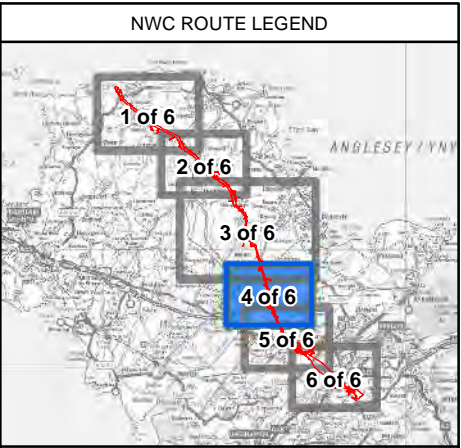
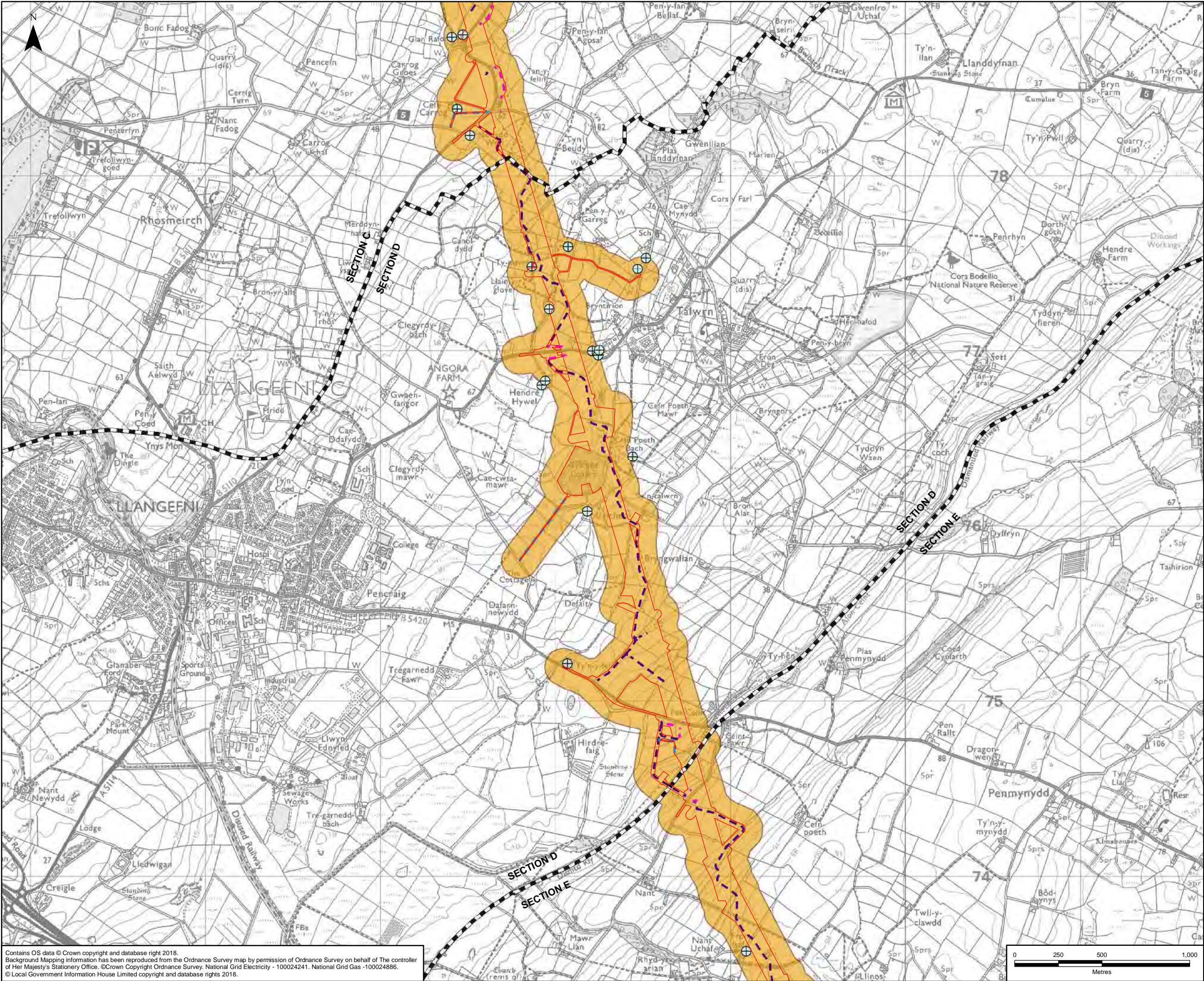
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- LEGEND**
- ORDER LIMITS - OPTION B
 - SECTION COUTLINES
 - SIGNIFICANCE OF EFFECT:
 - NEGLIGIBLE / NO EFFECT
 - NATIONAL GRID STONE ACCESS ROAD
 - NATIONAL GRID INTERLOCKING PANELS
 - NATIONAL GRID ACCESS TO MITIGATION PLANTING
 - VIBRATION STUDY AREA: ACCESS TRACKS

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.15.2.9					
Document Title: FIGURE B SIGNIFICANCE OF VIBRATION EFFECTS FROM CONSTRUCTION OF ACCESS TRACKS CULVERTS AND BRIDGES SECTION C OPTION B					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:32,000	A3	3 of 6 Option B	A	

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LEGEND

ORDER LIMITS - OPTION A

SECTION OUTLINES

SIGNIFICANCE OF EFFECT:

- NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- VIBRATION STUDY AREA: ACCESS TRACKS

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App



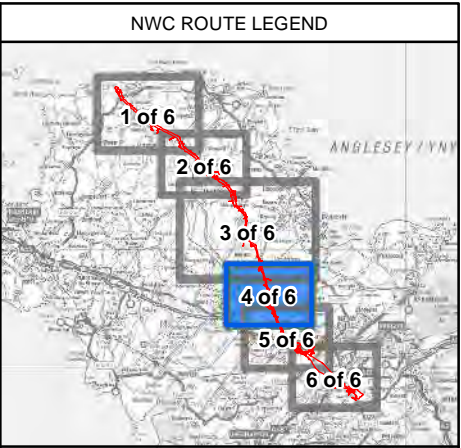
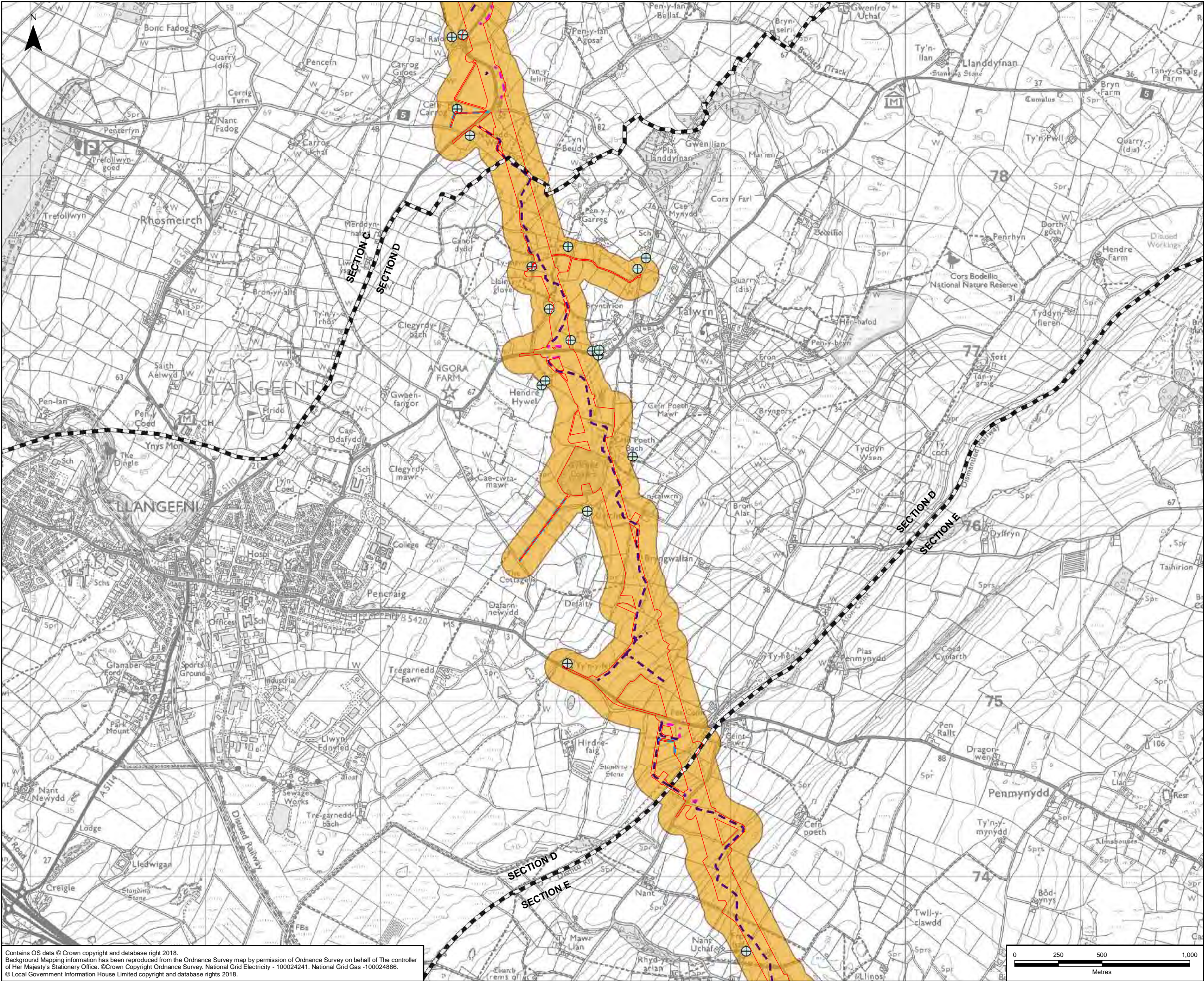
Scheme: NORTH WALES CONNECTION PROJECT

Document Number: 5.15.2.9

Document Title: FIGURE B
SIGNIFICANCE OF VIBRATION EFFECTS FROM CONSTRUCTION
OF ACCESS TRACKS CULVERTS AND BRIDGES
SECTION D OPTION A

Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	4 of 6 Option A	A	

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LEGEND

ORDER LIMITS - OPTION B

SECTION COUTLINES

SIGNIFICANCE OF EFFECT:

- NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- VIBRATION STUDY AREA: ACCESS TRACKS

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App



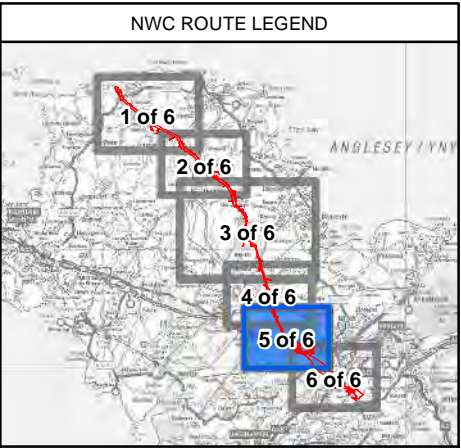
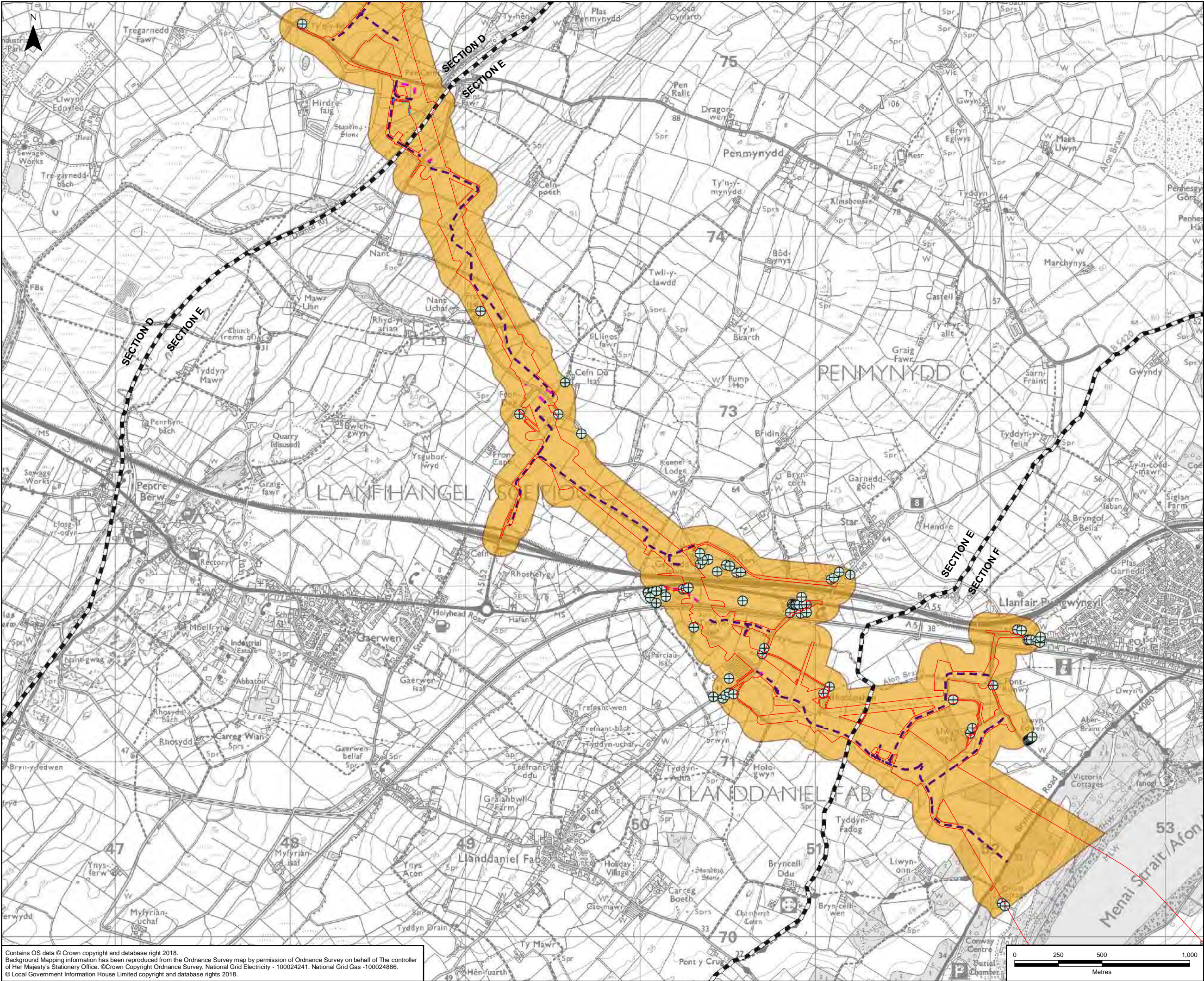
Scheme: NORTH WALES CONNECTION PROJECT

Document Number: 5.15.2.9

Document Title: FIGURE B
SIGNIFICANCE OF VIBRATION EFFECTS FROM CONSTRUCTION
OF ACCESS TRACKS CULVERTS AND BRIDGES
SECTION D OPTION B

Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	4 of 6 Option B	A	

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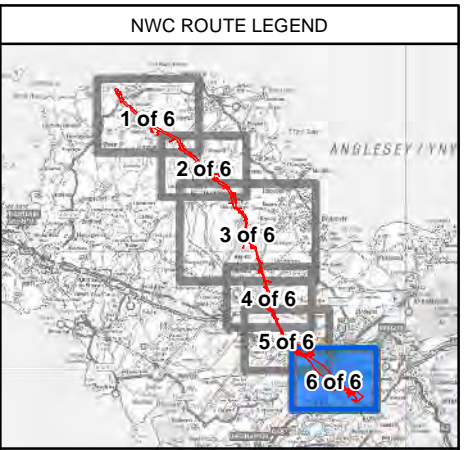
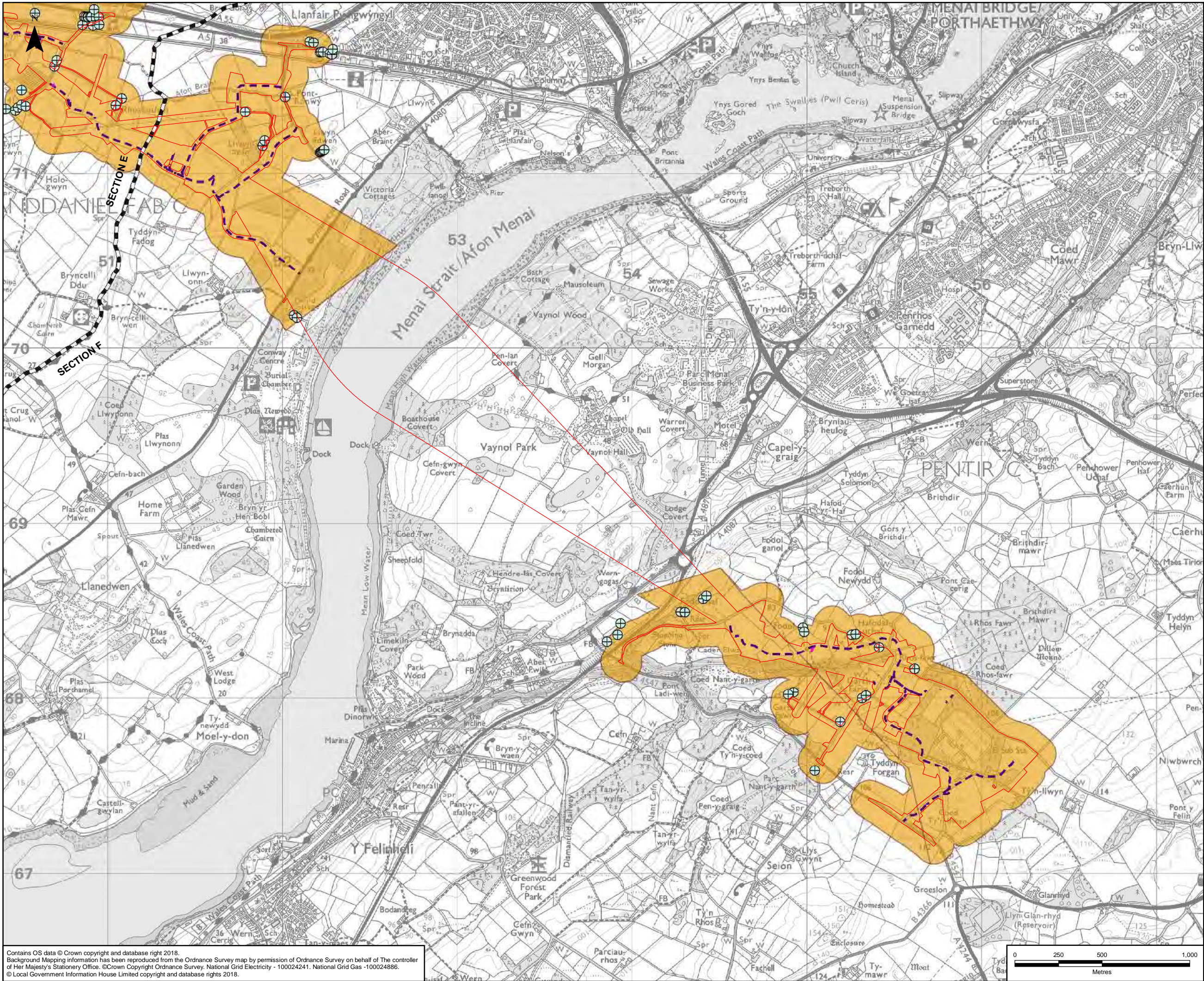


LEGEND

- ORDER LIMITS
- SECTION OUTLINES
- SIGNIFICANCE OF EFFECT:
 - NEGLIGIBLE / NO EFFECT
 - NATIONAL GRID STONE ACCESS ROAD
 - NATIONAL GRID INTERLOCKING PANELS
 - NATIONAL GRID ACCESS TO MITIGATION PLANTING
 - VIBRATION STUDY AREA: ACCESS TRACKS

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.15.2.9					
Document Title: FIGURE B SIGNIFICANCE OF VIBRATION EFFECTS FROM CONSTRUCTION OF ACCESS TRACKS CULVERTS AND BRIDGES SECTION E					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	5 of 6	A	

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LEGEND

ORDER LIMITS

SECTION OUTLINES

SIGNIFICANCE OF EFFECT:

- NEGLIGIBLE / NO EFFECT
- NATIONAL GRID STONE ACCESS ROAD
- NATIONAL GRID INTERLOCKING PANELS
- NATIONAL GRID ACCESS TO MITIGATION PLANTING
- VIBRATION STUDY AREA: ACCESS TRACKS

A	30/07/2018	ENVIRONMENTAL STATEMENT	JF	SH	PE
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION PROJECT					
Document Number: 5.15.2.9					
Document Title: FIGURE B SIGNIFICANCE OF VIBRATION EFFECTS FROM CONSTRUCTION OF ACCESS TRACKS CULVERTS AND BRIDGES SECTION F					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JF	30/07/2018	SH	30/07/2018	PE	30/07/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	6 of 6	A	

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