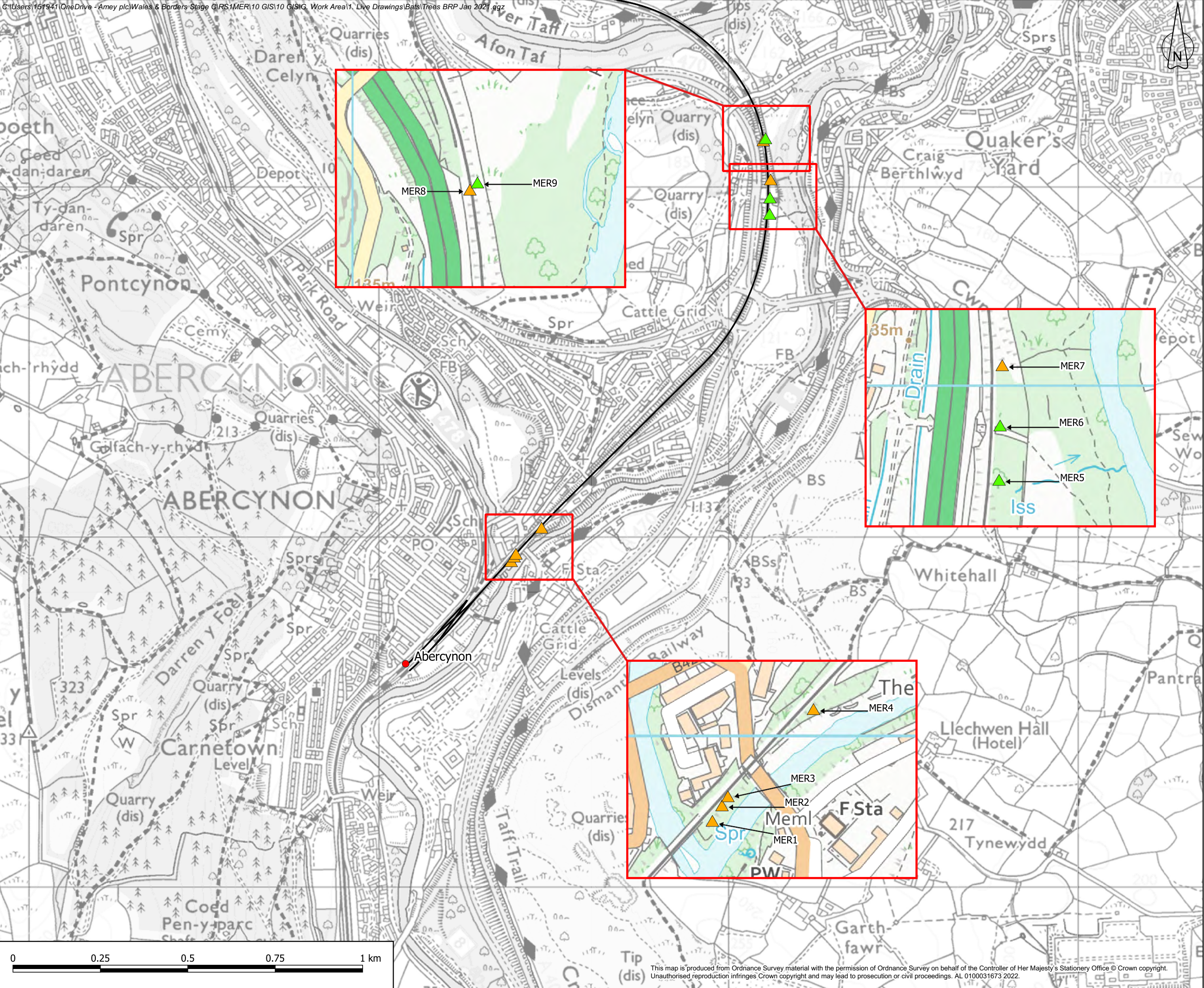




Legend

- Stations
- Track Alignment
- Trees with Bat Roost Potential
 - Low
 - Moderate

P02	Minor Amendments	ES	MC	MP	17/06/2022
P01	Initial Drawing	ES	OS	ZCM	06/10/2021
Rev	Revision Details	Drwn	Chkd	Appd	Date:

Designed: OS	Date: 20/07/2021
Drawn: ES	Date: 17/06/2022
Checked: MC	Date: 17/06/2022
Approved: MP	Date: 17/06/2022

TRAFNIDIAETH CYMRU
TRANSPORT FOR WALES

amey
SELL WITH
INFRASTRUCTURE

Project Name :
Merthyr Branch
Wales & Borders

Drawing Title :
Trees with Bat Roost Potential

Original Drg Size : A3	Scale : 1:10,000
Dimensions :	Page : 5 of 5

Drawing Status : Fit for Construction Approval	Suitability S4
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Figure No :
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Drawing No : TRAN01-KAW-R1-MER-YPA-Y-EN-000459	Rev P02
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Appendix B: Dusk Emergence / Dawn Re-entry Survey Results

Tree Number	Location (Grid Reference)	Location (ELR Mileage and Chain)	Survey 1		Survey 2		Notes
			Date	Type	Date	Type	
MER 1	ST 08378 94927	CAM 16m 46ch	13/06/2021	Dusk Emergence Survey	18/07/2021	Dusk Emergence Survey	No emergences recorded. Mainly P.pyg and P.pip foraging and commuting activity along rail corridor and adjacent woodland.
MER 2	ST 08386 94940	CAM 16m 47ch	13/06/2021	Dusk Emergence Survey	18/07/2021	Dusk Emergence Survey	No emergences recorded. Mainly P.pyg activity with occasional P.pip, noctule and BLE.
MER 3	ST 08391 94948	CAM 16m 48ch	13/06/2021	Dusk Emergence Survey	18/07/2021	Dusk Emergence Survey	No emergences recorded. High P.pyg foraging activity within the understory surrounding the tree, with occasional P.pip and myotis activity.
MER 4	ST 08465 95023	CAM 16m 52ch	19/07/2021	Dusk Emergence Survey	N/A	N/A	No emergences recorded. High P.pyg and noctule foraging and commuting activity, with occasional P.pip and myotis activity.
MER 7	ST 09120 96017	CAM 17m 34ch	19/07/2021	Dusk Emergence Survey	N/A	N/A	No emergence recorded. Moderate foraging and commuting activity along rail corridor from P.pip and P.pyg but also occasional myotis sp and noctule.
MER 8	ST 09099 96129	CAM 17m 40ch	14/07/2021	Dusk Emergence Survey	N/A	N/A	No emergences recorded. Moderate foraging and commuting activity along rail corridor from P.pip, P.pyg and myotis sp.



Tree Number	Location (Grid Reference)	Location (ELR Mileage and Chain)	Survey 1		Survey 2		Notes
			Date	Type	Date	Type	
MER 10 (2021)	ST 08570 96563	CAM 17m 76ch	21/07/2021	Dusk Emergence Survey	N/A	N/A	No emergences recorded. Moderate foraging and commuting activity along rail corridor, mainly from P.pip and P.pyg. but also occasional noctule.
MER 10 (2022)	ST 08570 96563	CAM 17m 76ch	16/05/2022	Dusk Emergence Survey	31/05/2022	Dawn Re-entry Survey	No emergences or re-entries recorded. Low foraging and commuting activity along rail corridor, mainly from P.pip and P.pyg, with occasional noctule.
MER 11	ST 08406 96667	CAM 18m 05ch	22/07/2021	Dusk Emergence Survey	N/A	N/A	No emergences recorded. Moderate foraging and commuting activity along rail corridor, mainly from P.pip and P.pyg.
MER 12	ST 08360 97309	CAM 18m 39ch	22/07/2021	Dusk Emergence Survey	N/A	N/A	No emergences recorded. Moderate foraging and commuting activity along rail corridor, mainly from P.pip and P.pyg with some noctule passes.
MER 20	SO 07572 00694	CAM 20m 61ch	26/07/2021	Dusk Emergence Survey	N/A	N/A	No emergences recorded. Moderate activities, mostly from P.pip and P.pyg foraging and commuting but also occasional noctule and lesser horseshoe.
MER 21	SO 07622 00969	CAM 20m 75ch	26/07/2021	Dusk Emergence Survey	N/A	N/A	No emergences recorded. Moderate activity, mostly from P.pip and P.pyg foraging and commuting, but also occasional myotis and noctule.

Appendix C: Bat Tree Photographs



Photo 1: MER 1 Beech with moderate bat roost potential.



Photo 2: MER 2 Oak sp. with moderate bat roost potential.



Photo 3: MER 3 Oak sp. with moderate bat roost potential.



Picture 4: MER 4 ash with moderate bat roost potential.