HyNet North West Hydrogen Pipeline

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Cadent

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Appendix 5E

Bat Tree Survey Report July 2022-January 2024

October 2024

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1. Introduction

1.1 Project Overview

1.1.1 The Environment Partnership (TEP) was commissioned through WSP by Cadent Gas Limited (Cadent) in January 2022 to undertake ground based and aerial tree surveys to identify any roosting bats and determine locations of potential bat roosting habitat. along the HyNet North West Hydrogen Pipeline (hereafter referred to as 'the Project). Cadent (the Applicant) is applying to the Secretary of State for a Development Consent Order (DCO) to construct, operate, and maintain a new underground hydrogen pipeline approximately 100km in length.

1.1.2 The Project within the Preliminary Order Limits can be split into five distinct areas, comprising four pipeline corridor routes and the Central Hub, an area where the four corridor routes meet which cannot be associated with any specific route. Three of the corridors have several spurlines associated with them. Please note that as part of the design process, the order limits have undergone a number of iterations (as described in **Appendix 2A: Design evolution** of the Draft ES) and this report is based on the Preliminary Order Limits as considered in the Preliminary Environmental Information Report (PEIR) published in September 2022.

1.1.3 This report details the results of bat tree surveys conducted between July 2022 and January 2024 inclusive to inform the impact assessment for the Project. Further surveys are currently ongoing in the form of ground based and aerial tree surveys, the results of which will be published within an updated version of this report to accompany the Final ES.

1.2 Legislation

1.2.1 Bat species are afforded a high level of protection under the Conservation of Habitats and Species Regulations 2017 (as amended) (the 'Habitats Regulations'). The legislation outlines that it is an offence to:

- Deliberately capture, injure, or kill a bat;
- Damage or destroy a breeding site or resting place of a bat;
- Deliberately disturb bats in such a way as to be likely to impair their ability:
  - to survive, to breed, to reproduce, to rear, to nurture their young;
  - to hibernate, migrate; or
  - to affect significantly the local distribution or abundance of the species.

1.2.2 Protection is also afforded under the Wildlife and Countryside Act 1981 (as amended) with respect to disturbance of animals when using places of shelter or protection, and obstruction of access to places of shelter or protection.

1.2.3 Certain species of bats including noctule *Nyctalus noctula*, brown long-eared bat *Plecotus auritus* and soprano pipistrelle *Pipistrellus pygmaeus* are also listed as a Species of Principal Importance (SPI) for the Conservation of Biodiversity in accordance with Section 41 of the NERC Act 2006. Under Section 40 of the NERC Act, public bodies (including local planning authorities) have a duty to have regard for the conservation of SPI when carrying out their functions, including determining planning applications.

2. Methodology

2.1 Desk Study

2.1.1 A desk study was undertaken in Spring 2022 and the methodology for this is set out in Section 5.5 and Table 5.8 of the Preliminary Environmental Information Report (PEIR). The desk study recorded the presence of statutory designated sites within up to 20km1 of the Preliminary Order Limits (Section 5.6.1, Table 5.10, and Figure 5.1 of the PEIR) and non-statutory designated sites within 2km (Section 5.6.2, Table 5.11, and Figure 5.2 of the PEIR). The desk study also recorded the presence of Habitats of Principal Importance (HPI) within 2km of the Preliminary Order Limits (section 5.6.3., Table 5.12 and Figure 5.3 of the PEIR). Records of protected and notable species within 2km of the Preliminary Order Limits are discussed within section 5.6.12-5.6.41 of the PEIR.

2.1.2 The desk study information from the PEIR is not repeated in this report or discussed further. The desk study will be updated for the Environmental Statement following design freeze for the Project.

2.2 Survey Area

2.2.1 The Project covers six local planning authority (LPA) boundaries: Cheshire West and Chester, Cheshire East, Halton, St Helens, Warrington and Trafford. The Project is divided into the following four Corridors, which meet at the Central Hub near Bartington, northwest of Northwich in Cheshire:

- **Line 1 West Corridor - Stanlow HPP Hydrogen Above Ground Installation (HAGI) to Central Hub HAGI** (hereafter referred to as the 'Western Corridor'): The Western Corridor runs from Elton, Cheshire heading northeast to Frodsham before turning east, crossing the M56 motorway and towards Bartington;
- **Line 2 South Corridor - Central Hub HAGI to Inovyn HSF HAGI** (hereafter referred to as the 'Southern Corridor'): The Southern Corridor runs from east of Bostock Green, Middlewich heading west and then north around Moulton before heading west again across the River Weaver and then north across the A556 and A49 towards Bartington;
- **Line 3 East Corridor - Central Hub HAGI to Partington HAGI** (hereafter referred to as the 'Eastern Corridor'): The Eastern Corridor runs from Carrington, Trafford heading south to the M56 motorway before heading southwest and across the M6 motorway towards Bartington; and

[1] Dependent on reasons for designation; within 2km for habitats, extending to 10km for bats, and up to 20km for ornithological interest for international sites.

- **Line 4 North Corridor - Central Hub HAGI to Clock Face HAGI** (hereafter referred to as the 'Northern Corridor'): The Northern Corridor runs from St Helens heading south to the M62 motorway before turning southeast towards the Manchester Ship Canal and then south again and across the M56 motorway towards Bartington.

2.2.2 Habitat within the Preliminary Order Limits is predominately farmland with scattered woodland, hedgerows and tree-lined field boundaries and watercourses. The Preliminary Order Limits also cross or run adjacent to some active industrial/commercial areas, mineral extraction sites, inactive post-industrial areas, golf courses and residential areas.

2.2.3 Commencing in 2022, the original scope required survey of trees falling within a 70m corridor centred on the draft pipeline route. The survey area was extended to include draft locations for HAGIs. The route and HAGI locations were subject to updates during the survey period and thus some surveyed trees fall outside the final scope boundaries. Following refinement of the Preliminary Order Limits in 2023 ahead of the Preliminary Environmental Information Report (PEIR), and greater clarity about the location of potential construction activities within the Preliminary Order Limits, which significantly reduced the development boundaries, survey area for the bat tree surveys became the Preliminary Order Limits plus a 10m buffer.

2.2.4 A full arboricultural survey of the Project was not available at this time, and these bat surveys were undertaken concurrently with the habitat surveys. Therefore, a desk-based assessment of aerial imagery[2] of the survey area was undertaken to identify the locations of potential buildings, structures, woodland, hedgerows with trees, treelines and individual scattered trees that could potentially support roosting bats and would therefore require preliminary ground level bat roost assessments.

2.3 Field Surveys

Approach to field survey design

Overview

2.3.1 To determine the presence of tree roosting bats and the suitability for trees to provide bat roosting habitats, surveys comprised:

- Preliminary ground level roost assessment of trees; and
- Aerial roost inspection surveys.

[2] Aerial imagery provided by ESRI through an updated Web Mapping Service accessed during 2022, 2023 and 2024.

Roost identification in structures and trees

Preliminary roost assessment (structures)

2.3.2 The desk study identified no buildings or other built structures which would potentially be affected by the Project; therefore, no structures were included within the survey.

Preliminary ground level roost assessment (trees)

2.3.3 Trees within the 70m corridor centred on the draft pipeline route (as available in 2022) and later within the Preliminary Order Limits and to a buffer of 10m either side of the red line were assessed between July 2022 and January 2024 and categorised according to their level of suitability for roosting bats, in accordance with best practice guidelines[3]**Error! Bookmark not defined.**; the categories adopted are summarised in **Table 5E 2.1 Best practice guidelines – criteria for assessing potential bat roost suitability (from Collins, 2016)**. During the inspection, information was collected including tree age, species, potential entry/exit points suitable for use by bats and any evidence of use of the tree by roosting bats, such as droppings, staining, or actual bats. Surveys were carried out by experienced bat surveyors using close-focussing binoculars and a powerful torch as appropriate. In total 579 trees were subject to preliminary ground level roost assessments of which 445 are situated within the Preliminary Order Limits. Detailed notes were only taken for trees with Moderate or High suitability during the ground level inspection.

Table 5E 2.1 Best practice guidelines – criteria for assessing potential bat roost suitability (from Collins, 2016)

Potential roost suitability	Requirements
Negligible	Negligible habitat features on site likely to be used by roosting bats.
Low	A structure with one or more potential roost sites that could be used by individual bats opportunistically. However, these potential roost sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats. A tree of sufficient size and age to contain potential roost sites but with none seen from the ground or features seen with only very limited roosting potential.
Moderate	A structure or tree with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation status.

[3] Collins, J. (ed) (2016) Bat Surveys for Professional Ecologists: Good practice Guidelines (3rd edn). The Bat Conservation Trust, London.

Potential roost suitability	Requirements
High	A structure or tree with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat.

Aerial roost inspection survey

2.3.4 In accordance with good practice guidance[4], all trees assessed as having moderate or high suitability were subject to further bat surveys to determine presence/likely absence of roosting bats. Surveys were undertaken using aerial roost inspection surveys, using tree climbing techniques by a team of two surveyors to access and inspect potential roost features which were identified during the ground level roost assessments. The lead surveyor climbed the tree to inspect each potential roost feature for bats or evidence of roosting activity such as presence of bats, urine stains and droppings and to assess tree features for bat roost suitability with the aid of a torch and an endoscope. A second surveyor was employed as H&S aerial rescue support.

2.3.5 Where droppings were identified, surveyors were tasked with attempting to retrieve samples for DNA analysis to identify species. To date, it has not been possible to retrieve any droppings.

2.3.6 Each tree within the survey area that was identified as having high or moderate suitability during the preliminary ground level roost assessments were subject to two aerial roost inspection survey visits. One survey visit was undertaken during the active season (March to October) and one survey visit in the hibernation season (November to February). If during either survey the close inspection of features resulted in downgrading of the tree to Low or Negligible roost potential, then no further climbs were undertaken. Surveys were carried out across active and hibernation seasons in between July 2022 January 2024 inclusive.

Personnel

2.3.7 The preliminary ground level roost assessments were led by experienced bat surveyors and the aerial roost inspection surveys were led by bat licensed surveyors, supported by aerial rescue trained health and safety support staff.

[4] Collins, J. (ed) (2016) Bat Surveys for Professional Ecologists: Good practice Guidelines (3rd edn). The Bat Conservation Trust, London.

2.4 Constraints

Access limitations

2.4.1 With the change of scope from a 70m corridor to the Preliminary Order Limits plus 10m buffer, there are areas along the entire length of all four corridors that require ground level assessments and may subsequently require aerial inspections and these will be taken into consideration as part of the ongoing surveys.

2.4.2 A total of 46 trees could not be climbed due to health and safety issues or due to potential for injury to bats roosting in ivy (six trees along the Western, seven along the Northern, 25 along the Eastern and eight along the Southern Corridors). A further 16 trees could not be climbed due to access not being granted and two due to flooding. Surveys were incomplete (i.e further surveys visit will be required) at a total of 82 locations (including a group of 20+ trees). These limitations will be taken into consideration as part of the ongoing surveys.

2.4.3 Constraint information at individual locations is included in the results data presented in **Annex 5E 1 to Annex 5E 4**.

3. Results

3.1 Field Survey

Roost identification in trees

3.1.1 The results of the preliminary ground level roost assessments and aerial roost inspection surveys are set out at **Annex 5E 1 to Annex 5E 4** and are illustrated on Figure 5E.1 Tree Location Plan with Bat Roost Potential Categories in **Annex 5E 5**. The results of the surveys are summarised in **Table 5E 3.1**. Numbers in brackets indicate the number of trees with incomplete surveys (one or both aerial survey visits pending). Only trees falling within the POL +10m survey buffer are included in the Table.

Table 5E 3.1 Summary Results of Bat Tree Surveys

Corridor	Confirmed Roosts	Trees with High Suitability	Trees with Moderate Suitability	Trees with Low Suitability
Western	0	7 (6)	7	22
Northern	1	12 (6)	18 (12)	33
Eastern	3 (1)	24 (11)	35 (20*)	63
Southern	0	23 (15)	23 (11)	70
Totals	4 (1)	66 (38)	83 (43*)	188

Numbers in brackets indicate the number of trees within incomplete surveys (2 or 1 aerial survey visit pending)
*In addition, there is a group of 20+ trees (location T154) requiring aerial roost inspection surveys

3.1.2 Trees T29 on the Northern Corridor and trees T107, T220 and T470 on the Eastern Corridor are the four trees with confirmed bat roosts. In three cases roost identification was based on droppings only. It was not possible to reach the droppings to collect for analysis and therefore bat species is unknown. In tree T470 two Myotis species bats were present at the far end of the cavity.

4. Summary

4.1 Overview

4.1.1 Following ground based and aerial tree inspections during 2022 and 2023 and early 2024, a total of 188 trees were assessed as having Low suitability within the survey area, 83 trees (plus one tree group) with Moderate suitability and 67 trees with High suitability to support roosting bats. Evidence of roosting bats was found in four trees: T29 (Northern Corridor) and T107 and T220 and T470 (all on the Eastern Corridor).

4.1.2 A total of 46 trees could not be climbed due to health and safety issues or due to potential for injury to bats roosting in ivy (six trees along the Western, seven along the Northern, 25 along the Eastern and eight along the Southern Corridors). A further 16 trees could not be climbed due to access not being granted and two due to flooding. Surveys were incomplete (i.e further surveys visit will be required) at a total of 82 locations (including a group of 20+ trees). These limitations will be taken into consideration as part of the ongoing surveys, with repeat surveys added where possible/appropriate.

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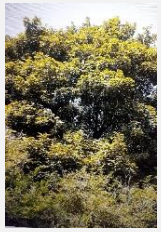
Annex 5E 1
Bat Tree Survey Results: Western Corridor

*Feature visited on this date but was unsafe to climb, so aerial inspection not completed

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
12		Poplar	Tree on the edge of the lane. Potential features: Flaky bark, split Central branch at 8m, some small wood pecked holes on south aspect at 12m.	18/07/2022	Low No evidence recorded	N			Aerial not required		Low
13		Birch	Mature tree on edge of lane. Potential features: Flaking bark and narrow hole at 5m on west side of tree.	18/07/2022	Low No evidence recorded	N			Aerial not required		Low
14	Photo Unavailable	Ash	Large tree on edge of woodland. Potential features: Flaked bark and split branches at 7m on east aspect.	18/07/2022	Low No evidence recorded	N			Aerial not required		Low

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
15		Silver Birch	Mature tree within woodland in the east. Potential features: Woodpecker holes in the main trunk at 8m on east aspect.	18/07/2022	High No evidence recorded	Y	Active: 20/06/2023 Hibernation: N/A	15.1	Photo Unavailable	Multiple silver birches that had fallen, multiple with the same features, unable to locate exact tree. All trees visually looked at were poor habitat for roosting bats.	Negligible
16		Ash	Mature tree on western edge of southern woodland. Potential features: Flaky and cracked bark all over trunk.	18/07/2022	Low No evidence recorded	N			Aerial not required		Low
17		Carob	Tree on edge of woodland and top of hill. Potential features: Deep cracks in bark on main trunk.	19/07/2022	Low No evidence recorded	N			Aerial not required		Low

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
18		Ash	Mature tree on edge of woodland. Potential features: Deep cracks in bark on main trunk	19/07/2022	Low No evidence recorded	N			Aerial not required		Low
19		Poplar	Group of 3 large trees. Potential features: Unknown, foliage obscuring view.	19/07/2022	Precautionary Moderate No evidence recorded	Y			Aerial still required		Precautionary Moderate
20		Crack Willow	Large mature tree. Potential features: Deep ridges in bark on main trunk.	19/07/2022	Moderate No evidence recorded	Y			Aerial still required		Moderate
21		Crack Willow	Mature tree on edge of woodland. Potential features: Split branch on	19/07/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 03/01/2024	21.1	Photo Unavailable	Crack on limb, east facing: • Height: 10m • DPH: 20cm • Entrance height: 7cm • Entrance width: 10cm • Internal height: 2cm • Internal width: 2cm	Low

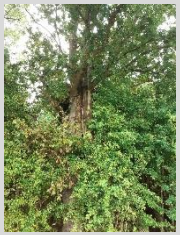
Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			western aspect at 10m.							• Internal depth: 0cm Additional information: Feature is superficial.	
								21.2	Photo Unavailable	Split branch on limb, west facing: • Height: 10m • DPH: 30cm • Entrance height: 10cm • Entrance width: 20cm • Internal height: 10cm • Internal width: 40cm • Internal depth: 15cm Additional information: Feature was opening and closing in the wind. Bats may be crushed if inside. May be used as an occasional night roost in good weather.	
22		Norway Maple	Large mature tree on woodland edge. Potential features: Foliage obscuring potential features over whole tree.	19/07/2022	Low No evidence recorded	N		Aerial not required			Low

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
33		Birch	Tree southwest of golf hole, approx. 10m tall. Potential features: Dead branch with a large hole on the underside at 4m on east side.	20/07/2022	High No evidence recorded	Y	Active: 05/09/2022 Hibernation: 25/01/2023	33.1		Woodpecker hole, east facing: • Height: 3m • DPH: 45cm • Entrance height: 7cm • Entrance width: 7cm • Internal height: 15 cm • Internal width: 10 cm • Internal depth: 10 cm Additional information: Shallow woodpecker hole with no significant cavity and old nesting materials at base. Clean, dry, dome apex shape. Possible competition from nesting / predatory birds. Could be used by single or low number of bats.	Low No longer within survey area due to revised Preliminary Order Limits
34	Photo Unavailable	Sycamore	Semi-mature tree, south of footpath, approx. 15m tall. Potential features: Knot hole at 4m on west aspect of main trunk.	20/07/2022	Moderate No evidence recorded	Y	Active: 05/09/2022 Hibernation: 25/01/2023	34.1		Tear-out on stem, west facing: • Height: 3.5m • DPH: 25cm • Entrance height: 50cm • Entrance width: 5cm • Internal height: N/A • Internal width: N/A • Internal depth: N/A Additional information:	Negligible

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										Feature is superficial with exposed heartwood, but no suitable cavity.	
35		Unknown	Dead tree west of fence edge of treeline, approx. 7m tall. Potential features: Multiple woodpecker holes up trunk mostly at 5m on southwest aspect.	20/07/2022	High No evidence recorded	Y	Active: N/A Hibernation:14/02/2023	35.1		This is a largely dead tree with a monolith, endoscoped as much as possible from the ground with an extension but couldn't endoscope all of it. Emergence survey required.	High No longer within survey area due to revised Preliminary Order Limits
36	Photo Unavailable	Field Maple	In corner of golf course north of fence, approx. 12m tall. Potential features: Ivy clad tree group. no apparent Potential Roost Feature (PRF)_but obscured by ivy.	20/07/2022	Precautionary Moderate No evidence recorded	Y	Active: N/A Hibernation:25/01/2023	36.1	Photo Unavailable	Ivy is bushy but sparse. No suitable roosting features found during climbed inspection.	Negligible No longer within survey area due to revised Preliminary Order Limits

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
68		Oak sp.	Mature tree on field boundary, approx. 10m tall. Potential features: Large split in trunk that could lead to cavity on northwest aspect.	11/08/2022	Moderate No evidence recorded	Y	Active: 11/08/2022 Hibernation: 16/01/2023	68.1	Photo Unavailable	Split in main stem with exposed heartwood and gaps between heartwood and callus rolls, northwest facing: • Height: 3m • DPH: 80cm • Entrance height: 100cm • Entrance width: 2cm • Internal height: 120cm • Internal width: 2cm • Internal depth: >10cm Additional information: Gap between callus rolls and exposed heartwood on right side of feature, no downward travel, 20cm above entrance, travels around between heartwood and cambium for more than 10cm. Smooth substrate, wedge shaped apex. Flat cavity between desiccated heartwood and cambium, thin entrance unlikely to be used by nesting birds, no indications of use by bats.	Moderate

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
69		Oak sp.	Mature tree on edge of field boundary. Potential features: Foliage obscuring features so precautionary suitability assigned	11/08/2022	Precautionary Moderate No evidence recorded	Y	Active: 11/08/2022 Hibernation: N/A	69.1	Photo Unavailable	Split in main stem, southeast facing: • Height: 2m • DPH: 90cm • Entrance height: 200cm • Entrance width: 30cm • Internal height: N/A • Internal width: N/A • Internal depth: N/A Additional information: Split in main stem with 2m x 30cm (max) of exposed heartwood callus sealed tightly against heartwood with no suitable cavities.	Negligible
72		Oak sp.	Semi-mature tree on field boundary approx. 8-10m tall. Potential features: Trunk split with hollow open cavity from base of tree on the northern aspect.	11/08/2022	High No evidence recorded	Y	Active: 11/08/2022 Hibernation: 16/01/2023	72.1	Photo Unavailable	Split in main stem, northwest facing: • Height: 5m • DPH: 70cm • Entrance height: 450cm • Entrance width: 30cm • Internal height: 500cm • Internal width: 40cm • Internal depth: 40cm Additional information: Exposed heartwood on northwest side of main stem from base to 5m, open at the sides of	Moderate

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										heartwood with wide cavity from base to 5m, the top 50cm is covered and has a domed apex. Nesting birds at base, no shelves higher up. Top 50cm of cavity are covered and could support moderate numbers of roosting bats.	
74		Oak sp.	Mature tree on woodland edge at Chester services. Potential features: Knot holes, cracks in trunk and flaky bark all over tree.	11/08/2022	Low No evidence recorded	N	Aerial not required				Low
131		Large-leaved Lime	Tall mature tree beside rail bridge and A road, approx. 100cm DBH (diameter at breast height). Potential features: North-reaching broken bough at 15m. Looks to have number of fissures but	18/08/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 03/01/2024	131.1	Photo Unavailable	No features present	Negligible

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
			cannot fully assess from ground level. Very large tree with dense leaf cover.								
132		Lime	Large mature lime in good overall condition. Unable to fully assess. Requires access to fenced area on north side to view potential features on north aspect.	18/08/2022	Precautionary Moderate No evidence recorded	Y	Active: N/A Hibernation: 03/01/2024*	132.1		Unsafe to climb as overhanging a 60mph road	Precautionary Moderate

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
133		Poplar	Large mature tree with entire crown broken and split (lightening strike?). approx. 100cm DBH. Potential features: Cavity at callous roll in broken branch at 4m and 6m on east aspect.	18/08/2022	Low No evidence recorded	N			Aerial not required		Low
134		Poplar	Potential features: Exposed heartwood in main stem with number of splits at 6m on east aspect. Limited access from ground. South-reaching broken boughs at	18/08/2022	Precautionary High No evidence recorded	Y	Active: N/A Hibernation: 03/01/2024	134.1	Photo Unavailable	Rot in stem, east facing: • Height: 3m • DPH: 90cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 15cm • Internal width: 20cm • Internal depth: 30cm Additional information: Multi-small cavities downward facing. Wet, flat apex shape with evidence of nesting birds. Tree	Low

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			8m. Very hard to get a good view due to dense understory but appear to have number of splits. Cluttered drop zone limits potential.							has been struck by lightning and tree has fully collapsed.	
								134.2	Photo Unavailable	Rot in stem, north facing: • Height: 2m • DPH: 90cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 30cm Additional information: Multi-small cavities downward facing. Wet, flat apex shape with evidence of nesting birds. Tree has been struck by lightning and tree has fully collapsed.	
261		Crack Willow	On the bank of canal. Potential features: Pruned bough with deep split at 1.5m, looks vulnerable to ingress. Limited suitability.	18/08/2022	Low No evidence recorded	N		Aerial not required			Low

Western Corridor											
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288		Oak sp.	Small mature oak on arable field boundary. Approx. 65cm DBH. Has number tree D992/0992 (difficult to read). Potential features: Deep rolled cleft in upper bough at 5-7m on northwest aspect. Numerous entrances over c. 1.5 m fault. Clean, clear entrances. Additional potential cavity in broken bough which is leaning away from the base of this cleft.	05/09/2022	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
289		Oak sp.	Mature tree on arable field boundary.	05/09/2022	Moderate	Y	Active: 24/10/2022	289.1	Photo Unavailable	No change since previous aerial inspection. No droppings or other indications of use present.	High

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
			Approx. 70cm DBH. Potential features: Woodpecker hole in 25cm wide branch at 7m on northwest aspect. Clean entrance.		No evidence recorded		Hibernation:16/01/2023	289.2	Photo Unavailable	No change since previous aerial inspection. No droppings or other indications of use present.	
290		Oak sp.	Small tree, largely dead, to arable field margin. Approx. 40cm DBH. Has number tag 0075. Potential features: Broken bough end with two small cavities, one at 6m, the other at 5.5m down the same bough on	05/09/2022	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			northwest aspect, the highest with little wood remaining above it. Both limited and unlikely to be suitable for more than individual bats.								
291		Oak sp.	Small mature tree on arable field margin. Approx. 50cm DBH. Tree tag 0177. Potential features: Large fault running through entire stem and main leader on southwest aspect. Possible lightning strike. Many	05/09/2022	Precautionary Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: N/A	291.1	Photo Unavailable	Lightning strike on southwest aspect of tree: • Height: 3m • DPH: 0cm • Entrance height: 25cm • Entrance width: 3cm • Internal height: 60cm • Internal width: 6cm • Internal depth: 3cm Additional information: Crack down the side of lightning strike feature extends upwards, joining up with other small holes	Precautionary Moderate No longer within survey area due to revised Preliminary Order Limits

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
			fissures though most look superficial from ground.							where light can be seen. Rough substrate, dry, with chambered apex shape and no evidence of nesting birds or roosting bats.	
292		Oak sp.	Mature tree in small copse within arable field. Approx. 100cm DBH. Potential features: Exposed deadwood within main stem from 4m upwards and running up into numerous branches in canopy. Many small fissures but all appear superficial from the ground.	05/09/2022	Precautionary Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: N/A	292.1	Photo Unavailable	Desiccated branch, south facing: • Height: 4m • DPH: 0cm • Entrance height: 20cm • Entrance width: 7cm • Internal height: 10cm • Internal width: 7cm • Internal depth: 7cm Additional information: Hole at base of desiccated branch, extends downwards and quite exposed as can see to the bottom. Fissures in desiccated wood are superficial, a few photos included as examples Dirty substrate, damp, with cone-shaped apex shape and no evidence of nesting birds or roosting bats.	Precautionary Moderate No longer within survey area due to revised Preliminary Order Limits

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
318		Crack Willow	Mature tree with large crack visible from aerial.	20/09/2022	High No evidence recorded	Y	Active: N/A Hibernation:14/02/2023	318.1		There are a few low potential features including minor cracks which are largely exposed but throughout given the damaged nature of the tree. Not recommended to access this tree from the Ash Rd side to the west as several watercourses need crossing.	Low
347		Sycamore	tree in group of trees by rowing club, approx. 15m tall. Potential features: Woodpecker hole at 5m on northeast aspect.	12/01/2023	Low No evidence recorded	N	Aerial not required				Low No longer within survey area due to revised Preliminary Order Limits
348		Silver Birch	Mature tree. Potential features: Bat box on trees	12/01/2023	High No evidence recorded	Y	Active: N/A Hibernation:31/01/2023	348.1	Photo Unavailable	Bat boxes on two cherry trees to the rear of rowing club buildings, adjacent fence line and embankment. No droppings present.	High No longer within survey area due to revised Preliminary Order Limits

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
399		Poplar	Mature tree within roadside treeline. Potential features: Wound at 0.5m on northern aspect, extending upwards within trunk	20/02/2023	High No evidence recorded	Y	Active: N/A Hibernation: 31/01/2023*			Unsafe to climb as surrounded by deep silt.	High

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
400		Poplar	Potential features: Split main trunk at 1-3m, crevice opportunities within top of split	20/02/2023	Low No evidence recorded	N			Aerial not required		Low

Western Corridor											
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401	 	Poplar	Roadside tree in linear tree line. Potential features: Large trunk split from ground level to 3m on north aspect, extending upwards to provide a cavity space	20/02/2023	Moderate No evidence recorded	Y	Active: 21/09/2023 Hibernation: 04/01/2024	401.1	Photo Unavailable	Split trunk, northwest facing: • Height: 1-3m • DPH: 30cm • Entrance height: 300cm • Entrance width: 15cm • Internal height: >50cm • Internal width: 15cm • Internal depth: 8cm Additional information: More than 50cm of upward travel into a dry cavity. Rough substrate, dry, with cylinder-shaped apex shape and evidence of nesting birds. Suitable for a moderate number of bats.	Moderate
402		Sycamore	Mature tree on embankment with dense ivy cover. Potential features: Cavity within base of tree on southeast aspect and dense ivy cover which may be obscuring further features.	20/02/2023	Moderate No evidence recorded	Y	Unsafe to climb				Moderate

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
431		Unknown	Mature tree located on bank approx. 9m tall. Potential features: Knot hole on southwest stem at 4m. Tear outs on southeast stem at 5m. 3 wounds on northwest stem at 4-5m. Lifted bark.	01/03/2023	Moderate No evidence recorded	Y	Active: 20/06/2023 Hibernation: N/A	431.1	Photo Unavailable	No cavities present.	Negligible No longer within survey area due to revised Preliminary Order Limits

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
432		Unknown	Mature tree within scrubby bank adjacent to Bridge over M56. Potential features: Tear out at 6m on east aspect.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low

Western Corridor											
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433		Norway Maple	Mature tree, approx. 9m tall, at top of bank next to road. Potential features: Wound at 1m on primary stem facing northeast. Unable to closely inspect due to no access.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low
434		Norway Maple	Mature tree, approx. 8m tall with 2 stems. At top of bank next to road. Potential features: Knot hole at 4m facing northeast. Wound at 2m facing south. Tear out of a stem from trunk at base (50cm). Unable to closely inspect features.	01/03/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 03/01/2024	434.1	Photo Unavailable	Lifting bark on stem, north facing: • Height: 2m • DPH: 30cm • Entrance height: 5m • Entrance width: 5cm • Internal height: 4cm • Internal width: 3cm • Internal depth: 7cm Additional information: The lifting bark is very rough. Rough substrate, dry, dome apex shape. Very poor feature.	Negligible

Western Corridor											
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			Unsure if features lead to cavities. The wound doesn't seem to have an entry point for bats.					434.2	Photo Unavailable	Knot hole on limb, northeast facing: • Height: 3m • DPH: 15cm • Entrance height: 4m • Entrance width: 6cm • Internal height: 2cm • Internal width: 2cm • Internal depth: 2cm Additional information: Not a suitable feature.	

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
435		Hawthorn	Approx. 6m tall multi stemmed tree along edge of golf course. Potential features: Shearing crack at 3m on northeast stem facing east.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
436		Leyland Cypress	Approx. 3m tall dead tree along edge of golf course. Potential features: Multiple stems/branches snapped off leaving tear outs.	01/03/2023	High No evidence recorded	Y			Aerial no longer required		High No longer within survey area due to revised Preliminary Order Limits

Western Corridor											
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437		Leyland Cypress	Approx. 12m tall mature tree along edge of golf course. Coniferous trees so difficult to see any further potential features further up due to leaf cover. Potential features: Snapped branch at 3m.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits
438		Sycamore	Approx. 10m tall semi mature tree along edge of golf course. Potential features: Knot hole at 4m facing south on northern limb. Does appear to lead into a cavity. Knot holes at 6m and 7m on eastern limb facing south.	01/03/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits

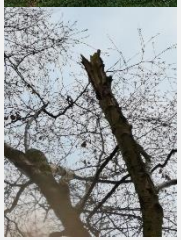
Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
											
439		Sycamore	Semi mature tree, approx. 10m tall along edge if golf course. Potential features: Knot hole facing west at 4m. Knot hole facing south at 6m. Knot holes facing southeast at 7m.	01/03/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits

Western Corridor											
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440		Silver Birch	Approx. 12m tall tree within plantation woodland next to road. Potential features: Dense ivy cover to 5-6m. May also be concealing features.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low

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441		Silver Birch	Approx. 10m tall tree within plantation woodland next to road. Potential features: Ivy cover to 6m, may be obscuring features.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low
442		Sycamore	Two stemmed, ivy covered, mature, approx. 14m tall. Potential features: Ivy may be obscuring additional PRFs. Several holes in snapped branches at 3m, 6m, 7m on southern stem. 2 knot holes on northern stem on main trunk, at 3m and 4m. One knot hole on branch leading west.	01/03/2023	Moderate No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	442.1	Photo Unavailable	Knot hole in stem, north facing: • Height: 3m • DPH: 7cm • Entrance height: 6cm • Entrance width: 3cm • Internal height: 6cm • Internal width: 3cm • Internal depth: <5cm Additional information: Damp, cone apex shape with no suitability for roosting bats.	Negligible
								442.2	Photo Unavailable	Knot hole in stem, north facing: • Height: 5m • DPH: 7cm • Entrance height: 6cm • Entrance width: 3cm • Internal height: 6cm • Internal width: 3cm	

Western Corridor											
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										• Internal depth: <5cm Additional information: Damp, cone apex shape with no suitability for roosting bats.	
								442.3	Photo Unavailable	Knot hole in limb, west facing: • Height: 6m • DPH: 10cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm Additional information: Damp, cone apex shape with no suitability for roosting bats.	

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
443		Sycamore	Approx. 14m tall tree, ivy covered. Two stems. Potential features: Ivy may be concealing potential PRFs and has thick stems in some places so may be a feature itself. No other features visible.	01/03/2023	Precautionary Moderate No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	443.1	Photo Unavailable	Ivy across the whole stem, does not form a suitable feature.	Negligible No longer within survey area due to revised Preliminary Order Limits
444		Sycamore	Mature, ivy covered. Potential features: Ivy may be concealing potential PRFs and has thick stems in some places so may be a feature itself. No other features visible.	01/03/2023	Precautionary Moderate No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	444.1	Photo Unavailable	Ivy across the whole stem, does not form a suitable feature.	Negligible No longer within survey area due to revised Preliminary Order Limits

Western Corridor											
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445		Silver Birch	Ivy covered, approx. 12m tall. Potential features: Covered in ivy so may be concealing Potential PRFs. Ivy stems relatively thin so not a feature itself. No PRFs noted.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits
446	 	Silver Birch	Ivy covered, approx. 12m tall, within plantation woodland next to road. Potential features: Ivy covered, relatively thin stems so not a feature itself but may be concealing potential PRFs. Broken branch at 10m facing south.	01/03/2023	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
447		Silver Birch	Approx. 10m tall, ivy covered to 4m, in plantation broadleaved woodland next to road. Potential features: Ivy not a feature and not concealing any features. 2 knot holes at 4m facing east. Snapped branch at 6m facing east. Knot holes and snapped branch don't look like they lead into a cavity but not 100% sure.	01/03/2023	Precautionary Moderate No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	447.1	Photo Unavailable	Knot hole in stem, east facing: • Height: 3m • DPH: 20cm • Entrance height: 6cm • Entrance width: 4cm • Internal height: 4cm • Internal width: 6cm • Internal depth: 5cm Additional information: Damp, cone apex shape with no suitability for roosting bats.	Negligible No longer within survey area due to revised Preliminary Order Limits
								447.2	Photo Unavailable	Knot hole in stem, east facing: • Height: 3.5m • DPH: 20cm • Entrance height: 6cm • Entrance width: 4cm • Internal height: 4cm • Internal width: 6cm • Internal depth: 5cm Additional information: Damp, cone apex shape with no suitability for roosting bats.	

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448		Sycamore	Approx. 6m tall located in woodland down bank. Potential features: Knot hole south facing at 2m and knot hole at 5m North facing. Several broken/snapped branches, unsure if they lead to cavities.	01/03/2023	Moderate No evidence recorded	Y	Active: 15/06/2023 Hibernation: N/A			No suitable features.	Negligible

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Western Corridor											
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449		Oak sp.	Dead / dying tree with bracket fungi at base, loads of exposed heartwood and snapped limbs. Within hedge line separating fields. Approx. 5m tall, 1m dbh. Potential features: Large bark plate pockets at 1.5m on southwest aspect. Hole in exposed heartwood leading into cavity. Approx. 2.25m on southwest aspect. Large tear out, upwards facing possible sheltered areas, upwards orientated. Large cavity in main trunk at base, extending upwards.	02/03/2023	High No evidence recorded	Y	Active: N/A Hibernation:13/03/2023*	449.1	Photo Unavailable	Unsafe to climb.	High

Western Corridor											
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450		Willow sp.	Approx. 12m tall, mature, located on top of bank next to school. Potential features: Snapped branches. At 1.5m east facing, 8m east facing, 9m on crown facing upwards.	02/03/2023	Moderate No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	450.1	Photo Unavailable	Snapped branch, east facing: • Height: 1.5m • DPH: 20cm • Entrance height: 13cm • Entrance width: 10cm • Internal height: 8cm • Internal width: 6cm • Internal depth: 5cm Additional information: Damp, cone apex shape, open to the elements. No suitability.	Negligible No longer within survey area due to revised Preliminary Order Limits

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Western Corridor											
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451			Approx. 4m tall dead tree in plantation woodland next to pylon. Potential features: Numerous woodpecker holes over tree.	02/03/2023	High No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	451.1	Photo Unavailable	Dead tree, no suitable features found.	Negligible No longer within survey area due to revised Preliminary Order Limits
452		Unknown	Approx. 10m tall mature tree next to pylon in plantation woodland.	02/03/2023	Moderate No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	452.1	Photo Unavailable	Knot hole, east facing: • Height: 5m • DPH: 30cm • Entrance height: 6cm • Entrance width: 6cm	Low No longer within survey area due to

Western Corridor											
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			Potential features: Two knot holes, one at 5m facing east, and one at 7m facing east.							• Internal height: 6cm • Internal width: 5cm • Internal depth: 10cm Additional information: Dry, dome apex shape with evidence of nesting birds.	revised Preliminary Order Limits
								452.2	Photo Unavailable	Knot hole, east facing: • Height: 7m • DPH: 30cm • Entrance height: 15cm • Entrance width: 6cm • Internal height: 6cm • Internal width: 8cm • Internal depth: <5cm Additional information: Dry, dome apex shape with evidence of nesting birds. Not suitable for roosting bats.	

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
453		Unknown	Approx. 10m tall mature tree in plantation woodland. Potential features: Top of main stem snapped off, dead.	02/03/2023	Moderate No evidence recorded	Y	Active: 31/05/2023 Hibernation: N/A	453.1	Photo Unavailable	No suitable features found	Negligible No longer within survey area due to revised Preliminary Order Limits

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
454		Unknown	Approx. 12m tall mature tree in plantation woodland on top of bank. Potential features: Snapped branch at 9m facing east.	02/03/2023	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits
456		Oak sp.	Tree within hedgerow approx. 7m tall, wire fence embedded in lower trunk. Potential features: Cavity in trunk at 1m, south facing, but obscured. Splits at 4m on south extending branch.	02/03/2023	Moderate No evidence recorded	Y	Active: 20/06/2023 Hibernation: N/A	456.1	Photo Unavailable	Cavity in stem, south facing: • Height: <1m • DPH: 50cm • Entrance height: 7cm • Entrance width: 15cm • Internal height: 5cm • Internal width: 3cm • Internal depth: 5cm Additional information: Barbed wire over the entrance, tube-shaped apex.	Negligible

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
											
457		Oak sp.	Tree in hedge line with wire fence, which is embedded in bark. Approx. 7m tall. Potential features: Split in east-extending limb at 4m, entrance west facing, potentially leading into cavity. Knot hole x 2 on east face of trunk, 2 and 3.5 m high.	02/03/2023	High No evidence recorded	Y	Active: N/A Hibernation: 13/03/2023	457.1	Photo Unavailable	Oak tree in field hedgerow boundary. No suitable features.	Negligible

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			Downwards facing split, partially occluded, unsure if extends into a cavity due to lighting issues, North extending branch, 4.5m.								

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
458		Oak sp.	Tree at edge of fence line / field entrance. Approx. 7m tall, semi mature. Potential features: Large fissure, with exposed heartwood, with various crevices and gnarls. at apex, large cavity, extending upward. feature starts at ground level to approx. 4m high, on south aspect.	02/03/2023	High No evidence recorded	Y	Active: 20/06/2023 Hibernation:13/03/2023	458.1	Photo Unavailable	Wound in the stem, north facing: • Height: 0-8m • DPH: 60cm • Entrance height: 6cm • Entrance width: 20cm • Internal height: 50cm • Internal width: 10cm • Internal depth: 2cm Additional information: Series of gaps between callous rolls, multiple chambers. Smooth internal substrate, dry with chambered aspect with evidence of nesting birds.	High

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
459		Hawthorn	Hawthorn on Bank of ditch and adjacent to rail land. Approx. 8m tall. Potential features: Snapped limb. with exposed heartwood with small cavity behind. south facing. Weld of two stems forming dark cavity, south facing.	03/03/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:13/03/2023	459.1	Photo Unavailable	Hawthorn adjacent drainage ditch. No suitable features.	Negligible

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
460		Hawthorn	Hawthorn in hedgerow on ditch Bank, twin stem, starting to split. Approx. 4m tall. Potential features: Tear out wound forming cavity on west aspect at 2m.	03/03/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:13/03/2023	460.1	Photo Unavailable	Hawthorn adjacent drainage ditch. No suitable features.	Negligible
461		Hawthorn	Hawthorn on Bank of ditch, semi mature, approx. 5m tall. Potential features: Snapped limb, east-extending, with splintered heartwood. unknown if cavity extends into branch / stem.	03/03/2023	High No evidence recorded	Y	Active: N/A Hibernation:13/03/2023	461.1	Photo Unavailable	Hawthorn adjacent drainage ditch. No suitable features.	Negligible

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
											
462		Hawthorn	Hawthorn, on Bank in group. Approx. 5m tall. Potential features: Split in bark, with possible heartwood cavity behind.	03/03/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:13/03/2023	462.1	Photo Unavailable	Hawthorn adjacent drainage ditch. No suitable features.	Negligible
463		Hawthorn	Large multi-stem Hawthorn, with approx. 13 stems. Approx. 5m tall. Potential features: Two	03/03/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:13/03/2023	463.1	Photo Unavailable	Hawthorn adjacent drainage ditch. No suitable features.	Negligible

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			small rot holes near ditch base.								
464		Hawthorn	Multi-stem Hawthorn, approx. 5m height, on ditch Bank. Potential features: Cavity, North facing, on main stem, 1m up. Split in southwest extending branch, may offer shelter and Cavity towards stem. Split in heartwood on south extending branch, 2.5m up.	03/03/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:13/03/2023	464.1	Photo Unavailable	Hawthorn adjacent drainage ditch. No suitable features.	Negligible

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
											
490	Photo Unavailable	Sycamore	Dead wood standing. Tree more than 5m from crop edge, down bank. Approx. 6m+, dbh 75cm. Potential features: snapped trunk, potentially open down centre	07/03/2023	Moderate No evidence recorded	Y	Active: 15/06/2023*Hibernation: N/A	490.1	Photo Unavailable	Dead tree with trunk cavity. Tree down a steep embankment of 50ft, unsafe for any access. From ground inspection tree has no features.	Negligible
491	Photo Unavailable	Alder	Multi-stem tree in bottom of triangular cutting, near water	07/03/2023	Moderate No evidence recorded	Y	Active: 15/06/2023	491.1	Photo Unavailable	Trunk fissure, west facing at 4m. No suitability.	Negligible

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			course. Approx. 30-40cm dbh, 10m+ height. Potential features: East facing trunk fissure on central stem				Hibernation: N/A				
492	Photo Unavailable	Alder	Multi-stem tree in bottom of triangular cutting, near water course, at point. Approx 75cm dbh largest stem, 10m+. Potential features: Southwest broken branch on main stem; west split under branch off main stem.	07/03/2023	Moderate No evidence recorded	Y	Active: 15/06/2023 Hibernation: N/A	492.1	Photo Unavailable	Broken branch, southwest facing: • Height: 6m • DPH: 75cm • Entrance height: 10cm • Entrance width: 15cm • Internal height: 7cm • Internal width: 7cm • Internal depth: 10cm Additional information: Wet, tube apex shape with woodlice present.	Negligible
493	Photo Unavailable	Sycamore	Mature tree, 12m +, down bank. Potential features: Ivy clad trunk	07/03/2023	Moderate No evidence recorded	Y	Active*: 15/06/2023 Hibernation: 08/01/2024	493.1	Photo Unavailable	17+ Bee hives at base of trees, unable to get close enough to even ground inspect on first visit (active). Bee hives had been closed by the winter visit (hibernation) so the aerial inspection was completed.	Low

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
494	Photo Unavailable	Sycamore	At track edges, part way down bank. Water course below. Approx. 10m+ tall. Potential features: Ivy clad trunk, trunk rolls on south side.	07/03/2023	Moderate No evidence recorded	Y	Active*: 15/06/2023 Hibernation: N/A	494.1	Photo Unavailable	17+ Bee hives at base of trees, unable to get close enough to even ground inspect	Moderate No longer within survey area due to revised Preliminary Order Limits
495	Photo Unavailable	Sycamore	On side of track near hedgerow and water course, past field entrance. Approx. 10m+ tall, 75cm dbh, mature tree. Potential features: southeast trunk roll; northwest branch split.	07/03/2023	Moderate No evidence recorded	Y	Active*: 15/06/2023 Hibernation: 08/01/2024	495.1	Photo Unavailable	17+ Bee hives at base of trees, unable to get close enough to even ground inspect on first visit (active). Bee hives had been closed by the winter visit (hibernation) so the aerial inspection was completed.	High
496	Photo Unavailable	Sycamore	On side of track near hedgerow and water course. Approx. 10m+, mature tree. Potential features: Ivy clad trunk.	07/03/2023	Moderate No evidence recorded	Y	Active*: 15/06/2023 Hibernation: 08/01/2024	496.1	Photo Unavailable	17+ Bee hives at base of trees, unable to get close enough to even ground inspect on first visit (active). Bee hives had been closed by the winter visit (hibernation) so the aerial inspection was completed.	High

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
497	Photo Unavailable	Unknown	Potential features: Ivy clad trunk	07/03/2023	Moderate No evidence recorded	Y	Active*: 15/06/2023 Hibernation: 08/01/2024	497.1	Photo Unavailable	17+ Bee hives at base of trees, unable to get close enough to even ground inspect on first visit (active). Bee hives had been closed by the winter visit (hibernation) so the aerial inspection was completed.	Negligible
498	Photo Unavailable	Unknown	Potential features: Ivy clad trunk	07/03/2023	Moderate No evidence recorded	Y	Active*: 15/06/2023 Hibernation: 08/01/2024	498.1	Photo Unavailable	17+ Bee hives at base of trees, unable to get close enough to even ground inspect on first visit (active). Bee hives had been closed by the winter visit (hibernation) so the aerial inspection was completed.	Negligible
499	Photo Unavailable	Unknown	Potential features: Ivy clad trunk	07/03/2023	Moderate No evidence recorded	Y	Active*: 15/06/2023 Hibernation: N/A	499.1	Photo Unavailable	17+ Bee hives at base of trees, unable to get close enough to even ground inspect	Moderate No longer within survey area due to revised Preliminary Order Limits

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
519		Sycamore	Mature, approx. 20m tall. Potential features: Hole in trunk at 3m facing South	23/03/2023	Low No evidence recorded	N			Aerial not required		Low
520	 	Willow sp.	Approx. 12m mature multi stemmed tree in scrubby boggy area within industrial estate. Potential features: Wound on W stem at 8m. Several knot holes. Knot hole on southwest stem at 0.8m leading to cavity. Woodpecker hole at 7m and 10m on northwest stem.	23/03/2023	High No evidence recorded	Y	Active: 20/06/2023*Hibernation: N/A	520.1	Photo Unavailable	Power lines within 5m of the tree, so unsafe to climb.	High

Western Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
											

Western Corridor

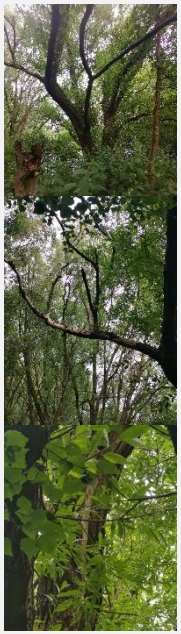
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
521		Hawthorn	Mature multi-stemmed hawthorn in swampy area. Potential features: Densely covered in Ivy with thick stems. No other PRFs observed but may be hidden by ivy.	23/03/2023	Low No evidence recorded	N			Aerial not required		Low

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
522		Willow sp.	Approx. 12m mature willow in swampy woodland in industrial estate. Potential features: One of the stems has snapped off onto the floor. Deadwood with large cavity. Wound present on northern stem facing south at 3m.	23/03/2023	Moderate No evidence recorded	Y	Active: 20/06/2023*Hibernation: N/A	522.1	Photo Unavailable	Power lines within 5m of the tree, so unsafe to climb	High
528		Willow sp.	Mature willow with dead rotten central bough. Potential features: Opening at top of central rotten bough at 5m	24/03/2023	Low No evidence recorded	N	Aerial not required				Low No longer within survey area due to revised Preliminary Order Limits
635		Hawthorn	Approx. 6m hawthorn in woodland next to fence. Potential	27/06/2023	Moderate No evidence recorded	Y	Active: 21/09/2023	635.1	Photo Unavailable	Rot hole on a limb, south facing: • Height: 1m • DPH: 10cm • Entrance height: 4cm	Low

Western Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			features: Cavity at base of tree and cavity at 80cm from base facing north.				Hibernation: N/A			• Entrance width: 4cm • Internal height: 6cm • Internal width: 6cm • Internal depth: 50cm Additional information: Rot hole on the south facing aspect with 50cm of downward travel. Open at both ends. Cobwebs present. Smooth internal substrate, dry with no evidence of nesting birds. Suitable for a single number of bats.	
								635.2	Photo Unavailable	Tear-out on the stem, northeast facing: • Height: 1m • DPH: 17cm • Entrance height: 30cm • Entrance width: 7cm • Internal height: 7cm • Internal width: 7cm • Internal depth: 30cm Additional information: Tear out on the northeast aspect with 50cm of downward travel into the base of the tree with a separate cavity inside, suitable	

Western Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										for single or low number of bats. Smooth internal substrate, dry with a flat apex shape and no evidence of nesting birds. Suitable for a single bat.	
636		Willow sp.	Tall tree with two main stems at edge of powerline easement/clearing. Potential features: Vertical slit on South leading main stem at 5m. Feature northeast facing. unable to see clearly from ground level.	27/06/2023	Moderate No evidence recorded		Active: 21/09/2023 Hibernation: N/A	636.1	Photo Unavailable	Cannot be climbed. Tree is 5m from a power line. Ground inspection from safe distance with binoculars and torch. Feature does not look to travel more than 10cm upwards. Very cobwebbed to the entrance. New growth has started outside of the feature obscuring the entrance which would make it unlikely to be used by bats	Low

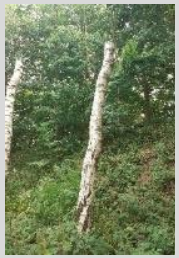
Western Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
637		Willow sp.	Approx. 12m mature willow on steep bank in woodland. Potential features: No obvious entry points but tree is suitable size and maturity to support bat's and also has some small, snapped branches, deadwood, sealed wounds and lifted bark. unable to fully inspect due to steep slope and vegetation.	27/06/2023	Low No evidence recorded	N			Aerial not required		Low

HyNet North West Hydrogen Pipeline

Delivering clean growth

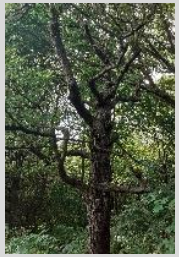
Annex 5E 2
Bat Tree Survey Results: Northern Corridor

*Feature visited on this date but was unsafe to climb, so aerial inspection not completed.

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
24		Birch	Dead tree, next to footpath, approx. 6m tall. Potential features: Woodpecker hole at 5.5m on west aspect.	22/07/2022	High	Y	Active: 07/09/2022* Hibernation: N/A	24.1	Photo Unavailable	Woodpecker hole in stem, west facing: • Height: 6m • DPH: 30cm • Entrance height: 3cm • Entrance width: 3cm Additional information: Unsafe to climb checked from base with binoculars.	Negligible
25		Birch	Fallen tree held up by sycamore. Next to footpath. Approx. 3m tall. Potential features: Lifted bark on underside on south aspect.	22/07/2022	Low	N			Aerial not required		Low

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
26		Birch	Approx. 12m tall, next to footpath. Potential features: Trunk cavity at 1.5m on north aspect.	22/07/2022	Moderate	Y	Active: 07/09/2022 Hibernation: 24/01/2023	26.1	Photo Unavailable	Basal cavity in stem, north facing: • Height: <1.5m • DPH: 80cm • Entrance height: 1.5cm • Entrance width: 60cm • Internal height: 60cm • Internal width: 30cm • Internal depth: 20cm Additional information: Main stem cavity on north side from base to 1.5m with 60cm high enclosed cavity at the top. Damp, dome apex shape.	Moderate No longer within survey area due to revised Preliminary Order Limits
27		Sycamore	Approx. 12m tall, 5m south of footpath. Potential features: Knot hole at 5m on northwest aspect.	22/07/2022	Moderate	Y	Active: 07/09/2022 Hibernation: N/A	27.1	Photo Unavailable	Knot hole in stem, northwest facing: • Height: 3m • DPH: 40cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 7cm • Internal width: 3cm • Internal depth: 2cm Additional information: Minor cavity behind plate of dead heartwood. Damp, cone apex	Low No longer within survey area due to revised Preliminary Order Limits

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										shape with woodlice and slugs present. Suitable for a single bat.	
28		Birch	Dead tree, next to footpath and other dead tree, approx. 6m tall. Potential features: dead wood and cavities at 6m on north aspect.	22/07/2022	Moderate	Y	Active: 07/09/2022* Hibernation: 24/01/2023	28.1	Photo Unavailable	Woodpecker hole in stem, north facing: • Height: 6m • DPH: 20cm • Entrance height: 7cm • Entrance width: 7cm Additional information: Unsafe to climb, checked with binoculars from the ground. Evidence of nesting birds.	Moderate
29		Unknown	Potential features: Bat box in tree.	22/07/2022	High	Y	Active: 07/09/2022 Hibernation: 24/01/2023	29.1	Photo Unavailable	Bat box on stem, north facing: • Height: 6m Additional information: Door of bat box is fused shut and could not be opened. Bat droppings at base of box on top of bird nesting materials. Checked with endoscope, no bats seen in top of box.	Confirmed

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
30		Hazel	Tree on northern field edge, approx. 5m tall. Potential features: Several holes at 4m high. appear shallow on east aspect.	22/07/2022	Moderate	Y	Active: 07/09/2022 Hibernation: 24/01/2023	30.1	Photo Unavailable	Cavity in stem, multiple entrances: • Height: N/A • DPH: N/A • Entrance height: N/A • Entrance width: N/A • Internal height: 150cm • Internal width: 20cm • Internal depth: 20cm Additional information: Stem is fully hollow from above 2m with several entrances. Wet cavity with evidence of predatory birds and squirrels.	Low
31		Oak sp.	Located next to path, approx. 15m tall. Potential features: Large holes on southern branch between 5-10m.	22/07/2022	Moderate	Y	Active: 07/09/2022 Hibernation: 24/01/2023	31.1	Photo Unavailable	Rot holes in limb, south facing: • Height: 3m • DPH: 35cm • Entrance height: 20cm • Entrance width: 10cm • Internal height: >50cm • Internal width: 20cm • Internal depth: 20cm Additional information: Two rot holes on side of diagonal limb leading into the same cavity. Unable to fully check as cavity meanders and splits. Dry feature	High

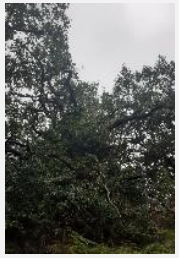
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										with evidence of squirrel and nesting birds.	
32	Photo Unavailable	Ash	Located south of gravel track, east of ditch, Approx. 12m tall. Potential features: Large hole at 8m north aspect of main trunk.	22/07/2022	Moderate	Y	Active: 07/09/2022 Hibernation: 24/01/2023	32.1		Woodpecker hole in stem, north facing; • Height: 8.5m • DPH: 25cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 30cm • Internal width: 15cm • Internal depth: 15cm Additional information: Dry, dome apex shape with evidence of predatory birds.	High
53	Photo Unavailable	Willow sp.	Mature multi-stem tree, approx. 20m tall, DBH 1.5m. Potential features: Crack on northern aspect at 8m on main bow.	19/07/2022	Low	N			Aerial not required		Low

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
54	Photo Unavailable	Poplar	Semi-mature multi-stem. Approx. 10m tall, DBH 1m. Next to road.	19/07/2022	Low	N			Aerial not required	Potential features: Deep crack in main branch on south aspect facing road at 1m.	Low
55	Photo Unavailable	Oak sp.	Mature oak, approx. 20m tall, DBH 2m. Located within garden on edge of road.	19/07/2022	Negligible	N			Aerial not required	Potential features: No roost features but good foraging potential.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
56	Photo Unavailable	Unknown	Good linear corridor of low lying scrub and grassland ride bordered by semi mature plantation broadleaved woodland. Potential features: No roost features but good foraging potential.	19/07/2022	Negligible	N			Aerial not required		Negligible
57		Oak sp.	Mature tree with two stems on edge of track near bridge over canal. Potential features: Dense ivy cover across whole tree obscuring	20/07/2022	Moderate	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			potential features.								
58		Oak sp.	Large tree on edge of field in residential garden. Potential features: Dense foliage cover across whole tree obscuring potential features.	20/07/2022	Moderate	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
59		Oak sp.	Mature ivy-clad tree on edge of field next to canal. Potential features: Dense ivy cover across whole tree obscuring potential features.	20/07/2022	Moderate	Y	Active: N/A Hibernation: 04/01/2024	59.1	Photo Unavailable	Ivy cover on stem, north facing: • Height: 13m • DPH: 70cm Additional information: Ivy does not form a feature.	Negligible

Northern Corridor											
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60		Oak sp.	Mature ivy-clad tree next tow path. Potential features: Dense ivy cover across whole tree obscuring potential features.	20/07/2022	Moderate	Y	Active: N/A Hibernation: 27/03/2023	60.1	Photo Unavailable	Dense ivy could provide individual roosting points for single bats. No crevices or cavities present for larger numbers.	Low
61		Oak sp.	Group of ivy-clad semi-mature trees on bank of canal. Potential features: Dense ivy cover across whole tree obscuring potential features.	20/07/2022	Precautionary Moderate	Y	Active: N/A Hibernation: 27/03/2023*	61.1		Group of trees on south side of canal. Trees are overhanging the canal and unsafe to climb. Light ivy on some, but no significant features found.	Low

Northern Corridor											
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62		Oak sp.	Mature tree next to canal, approx. 30m tall. Potential features: Split branch on west aspect at 5m, ivy clad and foliage obscuring potential features.	20/07/2022	Moderate	Y	Active: N/A Hibernation: 27/03/2023	62.1		Oak on north bank of canal with light ivy cover. No suitable features present.	Negligible
63		Oak sp.	Large tree on north of canal. Potential features: Large tear out in central branch at 5m with broken branches lying around it, ivy clad obscuring potential features.	20/07/2022	Moderate	Y	Active: N/A Hibernation: 27/03/2023	63.1		Oak on north bank of canal with collapsed limbs, light ivy cover, and rotting limbs and branches. No suitable features.	Negligible

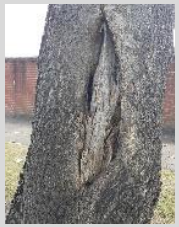
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
64		Oak sp.	Mature tree on south bank of canal, approx. 15m tall. Potential features: Dense ivy cover across whole tree obscuring potential features.	20/07/2022	Moderate	Y	Active: N/A Hibernation: 27/03/2023	64.1		Mature oak tree on south bank of canal. Light ivy cover. No suitable features present.	Negligible
113		Oak sp.	Mature oak (100cm DBH) in front of hedgerow. Looks to be in good overall condition but visibility very limited by leaf clutter. May require further assessment after leaf-fall.	18/08/2022	Precautionary Moderate	Y			Aerial still required		Moderate

Northern Corridor											
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			Precautionary 'moderate' to trigger further survey. Potential features: Split north-reaching branch at 4m high. Limited potential.								
114		Oak sp.	Mature oak, good overall condition. Potential features: Knot hole in large branch at 2.5m on south aspect - cannot determine from ground with torch if hole leads into branch.	18/08/2022	Moderate	Y	Active: 20/10/2022 Hibernation: N/A	114.1	Photo Unavailable	Tree downgraded following climb. Feature is more likely to be used by nesting birds and is open to the elements and to predators.	Low

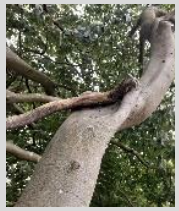
Northern Corridor											
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115		Hawthorn	Mature, multi-stemmed hawthorn by barbed fence. Potential features: Branch cavity at 1.5m on west aspect where two leading branches merge. Appears to lead upwards some way. Accessible from ground and no signs of use.	18/08/2022	Low	N			Aerial not required		Low

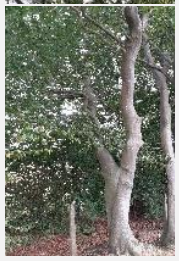
Northern Corridor											
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116		Oak sp.	Oak beside barbed fence, 65cm DBH. Potential features: Trunk cavity in rotted knot hole at 2m high on north aspect. Hole in top of cavity leading up into the trunk. Can be endoscopes from the ground.	18/08/2022	Moderate	Y	Active: 05/09/2022 Hibernation: 24/01/2023	116.1	Photo Unavailable	Knot hole in stem, north facing: • Height: 2m • DPH: 60cm • Entrance height: 20cm • Entrance width: 15cm • Internal height: 20cm • Internal width: 15cm • Internal depth: 20cm Additional information: Large opening on north side of main stem. Open to the elements. Feature is more likely to be used by nesting birds and is open to the elements and to predators. Minor fissures above could be used by individual bats, and the tree cannot be safely climbed. Wet, dome apex shame with evidence of birds.	Moderate

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117		Oak sp.	Large mature oak on the boundary of small deciduous woodland. Potential features: Large vertical split in main stem at 6m on east aspect. With torch, appears to lead into upward cavity.	18/08/2022	Moderate	Y			Aerial still required		Moderate

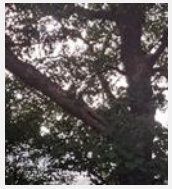
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
189	 	Oak sp.	Semi-mature tree on amenity grassland at edge of Sherdley Road, north of other oak. Potential features: Damage on west aspect of tree at 1m, small crevice at top, doesn't appear to lead to large crevice. access hole 2x4cm.	16/08/2022	Moderate	Y	Active: 26/09/2022 Hibernation: N/A	189.1	Photo Unavailable	Wound in stem, west facing; • Height: 1m • DPH: 50cm • Entrance height: 40cm • Entrance width: 20cm Additional information: Wound on main stem of tree with exposed heartwood but no suitable cavity.	Negligible

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190	 	Oak sp.	Young oak 1m from fence in strip of woodland with tree saplings. Accessed from duel carriageway side. Just outside route boundary. Potential features: Snapped branch at 2m on east aspect may provide small shelter for 1 bat.	16/08/2022	Low	N			Aerial not required		Low

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222	 	Beech	Semi-mature tree with three stems on east of footpath, west of fence posts, next to other beech. Potential features: Weld at 2.5m on west aspect where branch from middle stem fused to south-western stem.	16/08/2022	Low	N			Aerial not required		Low

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224	  	Beech	East of path, north of T1, semi-mature beech with two stems. Potential features: Knot hole at 4.5m on underside of eastern branch.	16/08/2022	Moderate	Y	Active: 07/07/2023 Hibernation: N/A	224.1	Photo Unavailable	Knot hole in limb, east facing: • Height: 4.5m • DPH: 10cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 20cm • Internal width: 6cm • Internal depth: 5cm Additional information: Upward travel blocked by nesting bird material. Could not be climbed.	Precautionary Moderate

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225	 	Beech	Semi-mature beech with two stems, next to another beech of similar size. east of path, slightly down slope, west of fence. Potential features: Weld at 1m on west aspect where two stems are fused. Cavity goes approx. 6cm deep.	16/08/2022	Low	N			Aerial not required		Low

Northern Corridor											
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226	 	Sycamore	Mature sycamore in hedgerow on west of Twyford Lane. Second tree from the south. Potential features: Knot hole on southern branch on Eastern aspect at 5m. May lead to cavity. Crack on east of southern branch at 5m. Doesn't appear to lead to crevice.	16/08/2022	High	Y	Active: 07/07/2023 Hibernation: N/A	226.1 226.2	Photo Unavailable Photo Unavailable	Tree not safe to climb. Located at the side of a 60mph road. Binocular and inspection from ground. Tree does appear to have features but unable to inspect further.	Precautionary Moderate

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228	 	Ash	Semi-mature ash with some signs of dieback on west of lane in hedgerow with ivy covering. Potential features: Rot hole at end of branch at 5m on northeast aspect. May lead to cavity. Also, ivy could be hiding other cavities but not a feature itself. No view of western aspect.	16/08/2022	Precautionary High	Y	Active: 07/07/2023 Hibernation: N/A	228.1	Photo Unavailable	Tree not safe to climb. Located at the side of a 60mph road. Ground inspection carried out with binoculars and torch, rot hole as per notes not suitable for bats as does not travel.	Negligible

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229		Oak sp.	Semi-mature oak in hedge on west of lane. Potential features: None viewed but no view of west of tree so can't discount.	16/08/2022	Precautionary Moderate	Y	Active: 07/07/2023 Hibernation: N/A	229.1	Photo Unavailable	Tree not safe to climb. Located at the side of a 60mph road. Ground survey carried out. As per notes from original ground inspection no feature can be seen.	Negligible
293	Photo Unavailable	Oak sp.	Mature tree in centre of field, approx. 10+m tall, 1m dbh. Potential features: West cracked branch on upper side, trunk knot at 4m. North broken branch at 6m, west broken branch at 6m, south lifting bark	06/09/2022	Moderate	Y	Active: 26/09/2022 Hibernation: N/A	293.1	Photo Unavailable	Fused limbs on stem, southwest facing: • Height: 6m • DPH: 0cm • Entrance height: 15cm • Entrance width: 3cm • Internal height: 15cm • Internal width: 3cm • Internal depth: 6cm Additional information: Two overlapping limbs leave a small cavity full of leaves, the cavity is open either side and can be looked through but partially obscured by leaves. Dry, wedge apex shape. All other features seen from the ground are superficial.	Low

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			on upper side at 8 m.								
294	Photo Unavailable	Oak sp.	Approx. 8m+ tall semi-mature in hedge. Some die back. 75cm dbh. Potential features: South side branch cavity at 6m, north side lifting bark at 7m, dead branches with lifting bark on northwest and southwest sides.	06/09/2022	Low	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits
295	Photo Unavailable	Oak sp.	Dying oak in copse of trees around pond, on south side, in hy900 hedgerow.	06/09/2022	Moderate	Y	Active: 30/09/2022 Hibernation: N/A	295.1	Photo Unavailable	Old knot hole in stem, west facing: • Height: 4.5m • DPH: 0cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 7cm	Low

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			50cm dbh, 5m+ tall. Potential features: South branch cavity at 3m, north aspect trunk cavity at 3m.							• Internal width: 5cm • Internal depth: 25cm Additional information: Hole at top of snapped, desiccated trunk. Extends horizontally. Dry, tube apex shape with woodlice and old nesting bird material present.	
								295.2	Photo Unavailable	Desiccated trunk cavity in stem, northwest facing: • Height: 3m • DPH: 0cm • Entrance height: 10cm • Entrance width: 5cm • Internal height: 10cm • Internal width: 5cm • Internal depth: 15cm Additional information: Cavity extends upwardly. Damp, dome apex shape with woodlice present.	
								295.3	Photo Unavailable	Dead limb on stem, south facing at 3m. No PRF present, holes extend through the limb and no cavity is formed.	
								295.4	Photo Unavailable	Desiccated trunk cavity in stem, northwest facing:	

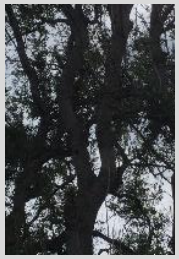
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										• Height: 3m • DPH: 0cm • Entrance height: 40cm • Entrance width: 10cm • Internal height: 15cm • Internal width: 10cm • Internal depth: 40cm Additional information: Two open chambers with central enclosed section with a drey in it. Enclosed section is 49cm long, entry point at top and bottom. Dry, tube apex shape with a squirrel drey.	
296	Photo Unavailable	Oak sp.	Semi mature oak on southern boundary of pond copse, 8m+ tall, 50cm dbh. Potential features: South facing small knot hole, possible branch cavity.	06/09/2022	Low	N			Aerial not required		Low

Northern Corridor

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297	 	Ash	Mature tree in west field boundary hedgerow. Approx 70cm at dbh, 6+m tall. Potential features: Trunk cavity on south side, trunk hole on east limb at 4m up on east side, branch cavity at 7m on south aspect.	06/09/2022	Moderate	Y	Active: 13/06/2023 Hibernation: 13/02/2023	297.1		Knot hole in limb, east facing: • Height: 3.5m • DPH: 60cm • Entrance height: 20cm • Entrance width: 7cm • Internal height: 35cm • Internal width: 5cm • Internal depth: 250cm Additional information: Dry, dome apex shape.	High
								297.2		Knot hole in limb, north facing: • Height: 5m • DPH: 30cm • Entrance height: 15cm • Entrance width: 7cm • Internal height: 4cm • Internal width: 9cm • Internal depth: 0cm Additional information: Damp, dome apex shape.	
								297.3		Butt-rot on stem, south facing: • Height: Base to 2.5m • DPH: 90cm • Entrance height: 250cm • Entrance width: 15cm • Internal height: 250cm • Internal width: 50cm	

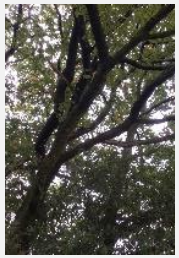
Northern Corridor											
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										• Internal depth: To ground Additional information: Dry, chambered apex shape, woodlice present.	
298		Oak sp.	Semi mature dying tree in west field boundary hedgerow 6m tall, 50cm dbh. Potential features: Knot hole on east side approx. 4.5m high, branch cavity on northside, 4m high.	06/09/2022	Moderate	Y	Active: 13/06/2023 Hibernation: 13/02/2023	298.1		Tear-out in stem, west facing: • Height: 2.5m • DPH: 60cm • Entrance height: 50cm • Entrance width: 15cm • Internal height: 90cm • Internal width: 15cm • Internal depth: 0cm Additional information: Excellent feature extends upwards with multiple small pockets. Dry, chambered apex shape, woodlice present.	High
								298.2		West facing desiccation-fissure in stem: • Height: 3m • DPH: 10cm • Entrance height: 4cm • Entrance width: 4cm • Internal height: 0cm • Internal width: 4cm • Internal depth: 0cm	

Northern Corridor											
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										Additional information: Low potential for a single bat. Dry, tube apex shape, woodlice present.	
								298.3		Knot hole in stem, south facing: • Height: 3m • DPH: 50cm • Entrance height: 2cm • Entrance width: 4cm • Internal height: 2cm • Internal width: 4cm • Internal depth: 15cm Additional information: Potential for a small number of bats. Dry, dome apex shape, old birds nest present.	
299		Ash	Mature tree in southwest corner of copse, multi-stemmed. 100cm dbh +, 10+m high. Possible die back. Potential	06/09/2022	Moderate	Y	Active: 13/06/2023 Hibernation: 13/02/2023	299.1		Knot hole in limb, north facing: • Height: 5m • DPH: 40cm • Entrance height: 20cm • Entrance width: 10cm • Internal height: 0cm • Internal width: 15cm • Internal depth: 10cm Additional information: Damp, spire apex shape.	High

Northern Corridor										
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	 		features: Woodpecker hole on north side 8+m, central stem, south side broken limb, cracks, 6m up.					299.2		Pruning wound in limb, north facing: • Height: 2.5m • DPH: 15cm • Entrance height: 6cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 4cm • Internal depth: 15cm Additional information: Dry, spire apex shape.	
								299.3		Knot hole in limb, north facing: • Height: 8m • DPH: N/A • Entrance height: 8cm • Entrance width: 5cm • Internal height: 1cm • Internal width: 7cm • Internal depth: 20cm Additional information: Potential for a small number of bats. Dry, dome apex shape, old birds nest present.	
								299.4		Pruning wound in limb, south facing: • Height: 4m	

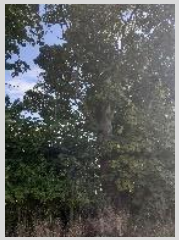
Northern Corridor											
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										• DPH: 50cm • Entrance height: 15cm • Entrance width: 40cm • Internal height: 9cm • Internal width: 20cm • Internal depth: 120cm Additional information: Cavity tapers to 100cm before changing direction and extending upwards to a small dome shaped cavity for 10-15cm, difficult to fully endoscope due to change in direction but no bat evidence. Dry, tube apex shape, old birds nest present.	
								299.5		Wound in limb, south facing: • Height: 5m • DPH: 15cm • Entrance height: 4cm • Entrance width: 2cm • Internal height: 10cm • Internal width: 2cm • Internal depth: 0cm Additional information: Feature extends upwards a short distance, dirty and damp at the end of cavity. Damp, spire apex shape.	

Northern Corridor											
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								299.6		Tear-out in limb, south facing: • Height: 5m • DPH: 20cm • Entrance height: 40cm • Entrance width: 8cm • Internal height: 60cm • Internal width: 2cm • Internal depth: 0cm Additional information: Dry, spire apex shape with old bird nest.	
300		Oak sp.	Dying tree, trunk cavity, 3m+ tall, 80+cm duh, corner near pond, adjacent to gate. Potential features: Trunk cavity through central trunk.	06/09/2022	Moderate	Y	Active: N/A Hibernation: 13/02/2023	292		Tear-out in limb, east facing: • Height: 2m • DPH: 30cm • Entrance height: 8cm • Entrance width: 100cm • Internal height: 4cm • Internal width: 4cm • Internal depth: 3cm Additional information: Dry, dome apex shape.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
301		Oak sp.	Immature tree in west field boundary copse, 10+m tall, 50cm+ dbh. Potential features: Branch crack approx. 1m long on northeast side of tree.	06/09/2022	Low	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits
302	Photo Unavailable	Oak sp.	Mature oak by gateway on east side. 80cm dbh, 10+m tall. Potential features: Branch fold/broken branch on southeast aspect at 5m	06/09/2022	Moderate	Y	Active: N/A Hibernation: 13/02/2023	302.1		South facing desiccation-fissure in limb: • Height: 4m • DPH: 30cm • Entrance height: N/A • Entrance width: N/A • Internal height: N/A • Internal width: N/A • Internal depth: N/A Additional information: Stripped bark with exposed, desiccated heartwood. Between dead heartwood and live wood there are a few small cavities a single bat could roost	Low

Northern Corridor											
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										opportunistically but low potential.	
309		Oak sp.	Semi-mature oak on north of ditch, south of fence, behind hawthorn and sycamore. Potential features: Knot hole on west at 2.5m and crack above at 3m.	15/09/2022	High	Y	Active: 26/09/2022 Hibernation: 16/01/2023	309.1	Photo Unavailable	Knot hole in stem, north facing at 2.5m. Superficial, appears to be a knot hole from the ground but is just loose hollow bark, not a PRF.	Negligible
								309.2	Photo Unavailable	Cracked limb, north facing at 3m. Cracks are open and superficial, no cavity is formed, not a PRF.	
								309.3	Photo Unavailable	Tear-out in stem, southwest facing: • Height: 3m • DPH: 0cm • Entrance height: 10cm • Entrance width: 15cm • Internal height: 8cm • Internal width: 10cm • Internal depth: 50cm Additional information: Initially high, but found to be open above and very wet on second survey, so thought unlikely that it would be used by roosting bats	
310		Sycamore	Mature sycamore, south of	15/09/2022	High	Y	Active: 26/09/2022	310.1	Photo Unavailable	Knot hole in stem, northeast facing: • Height: 6m	Low

Northern Corridor

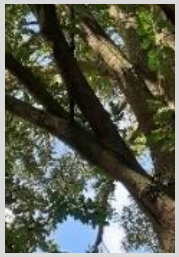
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
			fence, north of ditch. Potential features: Knot hole on north aspect at 6m. Knot hole on north aspect at 5m.				Hibernation: N/A			• DPH: 0cm • Entrance height: 20cm • Entrance width: 15cm • Internal height: 18cm • Internal width: 13cm • Internal depth: 30cm Additional information: Knot hole extends downwardly, leaving an exposed upwards facing cavity of very limited suitability. Dry, dome apex shape.	
								310.2	Photo Unavailable	Tear-out in stem, southeast facing: • Height: 5m • DPH: 0cm • Entrance height: 30cm • Entrance width: 15cm • Internal height: 25cm • Internal width: 14cm • Internal depth: 20cm Additional information: Tear-out extends to an upwards facing cavity of very limited suitability. Wet, dome apex shape with woodlice present.	

Northern Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
								310.3	Photo Unavailable	Knot hole in stem, northeast facing: • Height: 4.5m • DPH: 0cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 9cm • Internal width: 9cm • Internal depth: 25cm Additional information: Knot hole extend downwards. Dry, dome apex shape with cobwebs present.	
								310.4	Photo Unavailable	Tear-out in limb, east facing: • Height: 4.5m • DPH: 0cm • Entrance height: 25cm • Entrance width: 10cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 15cm Additional information: Dry, tube apex shape with woodlice present.	
								310.5	Photo Unavailable	Knot hole in stem, southeast facing: • Height: 4.5m	

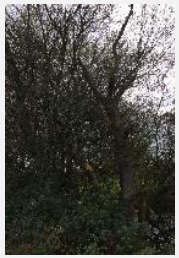
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										• DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 20cm Additional information: Knot hole extends into tree outwards facing. Dry, tube apex shape.	
								310.6	Photo Unavailable	Knot hole in stem, south facing: • Height: 4.75m • DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 25cm Additional information: Dry, tube apex shape with cobwebs present.	
311		Oak sp.	Mature oak south of fence. Potential	15/09/2022	High	Y	Active: 26/09/2022 Hibernation: N/A	311.1	Photo Unavailable	Possible cavity in stem, north facing at 2m. Suspected PRFs shown to not be PRFs in inspection.	Negligible

Northern Corridor											
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	 		features: Knot hole with decaying branch at 5m on the northwest aspect. Cavity at 2m on the north aspect.					311.2	Photo Unavailable	Cracked branch in limb, northwest facing at 5m. Suspected PRFs shown to not be PRFs in inspection.	
312		Sycamore	Semi-mature sycamore,	15/09/2022	High	Y	Active: 26/09/2022	312.1	Photo Unavailable	Knot hole in limb, north facing at 3m. Suspected PRFs shown to not be PRFs in inspection.	Negligible

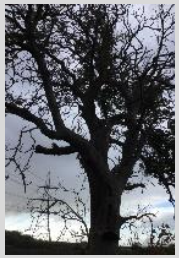
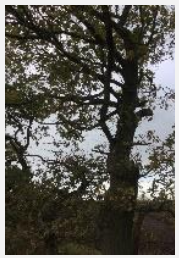
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			next to Tree 311, south of fence. Potential features: 2 knot holes on north aspect at 3m. Could lead to cavities.				Hibernation: N/A	312.2	Photo Unavailable	Knot hole in limb, north facing at 3m. Suspected PRFs shown to not be PRFs in inspection	
313		Sycamore	Mature sycamore with hawthorn at base. Some ivy present. Potential features: knot hole in branch on northwest at 7. Could lead to cavity. Also cut branch with damage at 5m north.	15/09/2022	High	Y	Active: 26/09/2022 Hibernation: N/A	313.1	Photo Unavailable	Knot hole in limb, northeast facing at 7m. Suspected PRFs shown to not be PRFs in inspection	Negligible
								313.2	Photo Unavailable	Pruning wound in limb, north facing at 5m. Suspected PRFs shown to not be PRFs in inspection	

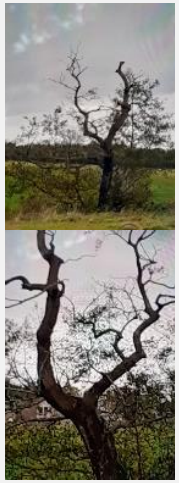
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
314	 	Oak sp.	Semi-mature oak with two main stems, 2m from edge of woodland with mammal hole at base. Potential features: Weld where two branches meet at 4m on south of Western branch.	15/09/2022	Low	N			Aerial not required		Low
315		Silver birch	Mature tree with covering of ivy on bank in woodland. Potential feature: Covering of ivy creates features suitable to provide	15/09/2022	High	Y	Active: 26/09/2022 Hibernation: N/A	315.1	Photo Unavailable	Base cavity in stem, northeast facing: • Height: 0.3m • DPH: 60cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 40cm • Internal width: 40cm • Internal depth: 40cm	Low

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			cover for a small number of bats. May also hide other features due to condition of tree.							Additional information: Base cavity with no upward travel. Dry, dome apex shape with evidence of small mammals present. More likely to be used by small mammals than roosting bats.	
316		Silver birch	Mature tree with secondary stem, 3m from fence. Potential features: Hollow trunk, accessed from gap left by decayed branch at 0.5m on east aspect. Appears to lead to hollow trunk.	15/09/2022	High	Y	Active: 26/09/2022 Hibernation: 13/02/2023	316.1	Photo Unavailable	Dense ivy cover across whole tree. Unable to climb as potential for damage to anything roosting within ivy. Potential for bats to roost between mat of ivy and tree stems.	High

Northern Corridor											
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332		Dead wood standing. Possibly willow sp.	Two stems, dead wood over pond. 30cm dbh per limb, approx. 4m tall. Crown lost. Potential features: East side cracked bark on trunk, hollow branch at top. South limb hollow trunk.	31/10/2022	Moderate	Y	Active: N/A Hibernation: 14/11/2022	332.1	Photo Unavailable	Downgraded following climb, all identified features are superficial.	Negligible No longer within survey area due to revised Preliminary Order Limits
333		Alder	Three stem, 40cm dbh, approx. 6+m tall. Edge of pond, near hedgerow. Potential features: East side stem split with cavity and multiple access holes.	31/10/2022	Moderate	Y	Active: N/A Hibernation: 14/11/2022	333.1	Photo Unavailable	Downgraded following climb, all identified features are superficial.	Negligible No longer within survey area due to revised Preliminary Order Limits

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334		Oak sp.	Dying semi mature tree in hedgerow by brook. Next to power lines. Multi stem. Main stem 50cm+ dbh, approx. 6+m tall. Potential features: Hollow branch at 2m on southeast aspect, northwest split branch 3m.	31/10/2022	Moderate	Y	Active: N/A Hibernation: 14/11/2022	334.1	Photo Unavailable	Downgraded following climb, all identified features are superficial.	Negligible

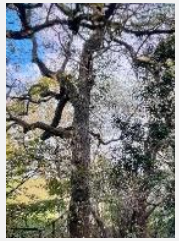
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335	 	Ash	Partially dead semi mature tree. Two stem. Dbh 75cm and 50cm, approx. 6+m tall. Potential features: North side, dead branch, east side trunk cavity at 3 & 4 m, south side knot hole at 5m	31/10/2022	Moderate	Y	Active: N/A Hibernation: 14/11/2022	335.1	Photo Unavailable	Downgraded following climb, all identified features are superficial.	Negligible
336			Mature single stem on side of brook. Tree boundary, 7+m tall. 50+cm dbh. Potential features: Branch split on west side.	31/10/2022	Low	N			Aerial not required		Low

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337	Photo Unavailable	Willow sp.	Trees around old pond, small scrubby - all negligible. Potential features: None.	08/11/2022	Negligible	N			Aerial not required		Negligible No longer within survey area due to revised Preliminary Order Limits
338		Oak sp.	Old mature tree in group in centre of field. 10-15 metres in height. Potential features: Large hole on east aspect could lead to larger cavity at 5m, large hole on northeast aspect at 8m, broken branch on South aspect at 10m.	08/11/2022	High	Y	Active: N/A Hibernation: 31/01/2023	338.1	Photo Unavailable	Tree is unstable, and is not safe to climb	High

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339		Oak sp.	Group of three mature oak trees in middle of field. Trees at least 15m in height. Potential features: Woodpecker holes and cavities on east aspect at 8-12m high	08/11/2022	Moderate	Y	Active: N/A Hibernation: 31/01/2023	339.1		Deadwood in crown and knotholes on limbs and main stem. All are superficial, with no suitable for use by roosting bats.	Negligible
341	Photo Unavailable	Oak sp.	Group of three mature oak trees in middle of field. Trees at least 15m in height. Potential features: Woodpecker holes and	08/11/2022	Moderate	Y	Active: N/A Hibernation: 31/01/2023	341.1	Photo Unavailable	Knot hole in stem, north facing: • Height: 3m • DPH: 60cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 10cm Additional information:	Low

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			cavities on east aspect at 8-12m high							Minor cavity with 10cm of upward travel. Wet, dome apex shape with evidence of nesting birds. Potentially suitable for single or low numbers of bats.	
342	Photo Unavailable	Oak sp.	Group of three mature oak trees in middle of field. Trees at least 15m in height. Potential features: Woodpecker holes and cavities on east aspect at 8-12m high	08/11/2022	Moderate	Y	Active: N/A Hibernation: 31/01/2023	342.1	Photo Unavailable	Numerous tear outs and knot holes, all checked, all are superficial with no cavities suitable for roosting bats.	Negligible No longer within survey area due to revised Preliminary Order Limits
343		Alder	Ivy covered mature tree adjacent to the stream. Potential features: Ivy cover obscuring potential features.	08/11/2022	Low	N			Aerial not required		Low

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344		Unknown	Mature tree next to stream. Potential features: Large broken branch tear out at 5m on South aspect, large cavity which may lead to further hole.	08/11/2022	Moderate	Y	Active: N/A Hibernation: 14/11/2022	333.1	Photo Unavailable	Downgraded following climb, all identified features are superficial.	Negligible
345		Ash	Mature tree on bank of stream, 18m in height. Potential features: Woodpecker and knot holes on trunk between 5-8m on south aspect, large hole on northeast aspect at	08/11/2022	High	Y	Active: 05/07/2023 Hibernation: 14/11/2022	345.1	Photo Unavailable	Tear-out in stem, east facing: • Height: 6m • DPH: 80cm • Entrance height: 30cm • Entrance width: 25cm • Internal height: N/A • Internal width: N/A • Internal depth: N/A Additional information: Unable to carry out full inspection due to nesting Raptor located. Feature potentially travels downwards but cannot fully inspect	Precautionary moderate

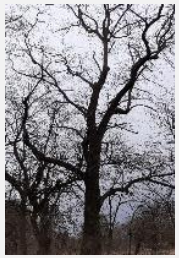
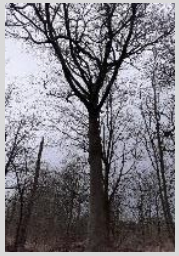
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	 		10m which could lead to larger cavity within tree.					345.2	Photo Unavailable	Knot hole in stem, north facing: • Height: 7m • DPH: 80cm • Entrance height: 7cm • Entrance width: 7cm • Internal height: N/A • Internal width: N/A • Internal depth: N/A Additional information: Unable to carry out full inspection due to nesting Raptor located. Feature potentially travels downwards but cannot fully inspect.	
346		Alder	Mature alder on bank of stream, 15m in height. Potential features: Large knot hole on east aspect at 8m.	08/11/2022	Moderate	Y	Active: 05/07/2023 Hibernation: 14/11/2022	346.1	Photo Unavailable	Rot hole in stem, southeast facing: • Height: 3.5m • DPH: 40cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 20cm • Internal width: 30cm • Internal depth: 30cm Additional information:	Moderate

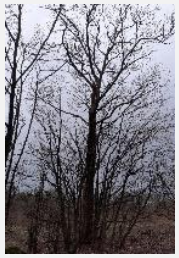
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										More than 30cm of upward and downward travel. Nesting birds near to location so not able to fully inspect.	
349	 	Sycamore	Multi-stemmed sycamore next to pavement. Potential features: Hole in east aspect on opposite side of tree to road, around 2m high, potentially leads to cavity.	17/01/2023	Moderate	Y	Active: N/A Hibernation: 02/02/2023	349.1		Knot hole in stem, south facing: • Height: 2m • DPH: 5cm • Entrance height: 8cm • Entrance width: 5cm • Internal height: 4cm • Internal width: 4cm • Internal depth: 4cm Additional information: Extends downwards. Damp, flat apex shape.	Negligible

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350		Sycamore	Two stemmed mature sycamore by wooden fence. Potential features: Large split in trunk on southern aspect that extends up into trunk cavity.	17/01/2023	Moderate	Y	Active: 13/06/2023 Hibernation: 02/02/2023	350.1		Wound in stem, south facing: • Height: 0.9m • DPH: 7cm • Entrance height: 55cm • Entrance width: 4cm • Internal height: 10cm • Internal width: 5cm • Internal depth: 5cm Additional information: Damp, dome apex shape. Low numbers of bats could use regularly, shelter at top of feature.	Moderate
351		Oak sp.	Semi-dead oak tree by wooden fence, large open cavity in lower trunk. Potential features: Cavity leads up into trunk	17/01/2023	Moderate	Y	Active: 13/06/2023 Hibernation: 02/02/2023	351.1		Knot hole in stem, east facing: • Height: 1.5m • DPH: 3cm • Entrance height: 8cm • Entrance width: 6cm • Internal height: 3cm • Internal width: 4cm • Internal depth: 3cm Additional information:	Moderate No longer within survey area due to revised Preliminary Order Limits

Northern Corridor											
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	 		which could be suitable for hibernation.					351.2		Dry, dome apex shape. Butt-rot in stem, west facing: • Height: 1m • DPH: 15cm • Entrance height: 100cm • Entrance width: 6cm • Internal height: 20cm • Internal width: 5cm • Internal depth: 6cm Additional information: Dry, peak/wedge apex shape. Could provide shelter for more than 2 but unlikely to be used for roost of high importance due to size and opening.	
352		Sycamore	Large two trunk sycamore with open wound at the base. Potential features: Wound leads to	17/01/2023	High	Y	Active: N/A Hibernation: 02/02/2023	352.1		Wound in stem, west facing: • Height: 1.5m • DPH: 10cm • Entrance height: 150cm • Entrance width: 10cm • Internal height: 25cm • Internal width: 5cm • Internal depth: 5cm	Low

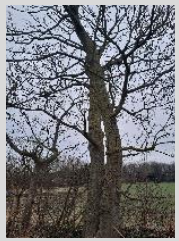
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			open cavity in trunk which may be suitable for resting or hibernating bats.							Additional information: Damp, peak/wedge apex shape.	
								352.2		Butt-rot in stem, west facing: • Height: 0.5m • DPH: 10cm • Entrance height: 50cm • Entrance width: 25cm • Internal height: 50cm • Internal width: 10cm • Internal depth: 5cm Additional information: Damp, peak/wedge apex shape with slugs present.	
353		Silver birch	Group of silver birch trees ivy clad which could be obscuring potential features. Potential features: Ivy cover	17/01/2023	Low	N			Aerial not required		Low

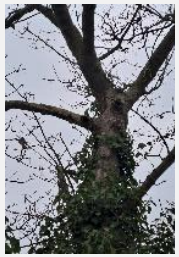
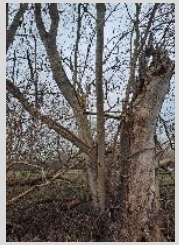
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
373		Oak sp.	Large tree on the side of the road mature oak. Potential features: Woodpecker holes on roadside on west aspect at 10m.	01/02/2023	Moderate	Y	Active: N/A Hibernation: 14/02/2023	373.1		Tear-out in limb, west facing: • Height: 3m • DPH: 20cm • Entrance height: 25cm • Entrance width: 5cm • Internal height: 10cm • Internal width: 5cm • Internal depth: 10cm Additional information: Damp, spire apex shape with evidence of birds. All other features identified in the ground-based survey were superficial.	Low No longer within survey area due to revised Preliminary Order Limits
374		Beech	Mature beech on roadside. Potential features: Large woodpecker hole on north side, 5m high.	01/02/2023	Moderate	Y	Active: N/A Hibernation: 14/02/2023	374.1		Knot hole on stem, west facing: • Height: 4m • DPH: 90cm • Entrance height: 12cm • Entrance width: 5cm • Internal height: 40cm • Internal width: 15cm • Internal depth: 15cm Additional information: Squirrel gnawing around edge. Cavity goes initially downwards and then upwards for 40cm. Dry, dome apex. Excellent feature for multiple bats but no evidence.	High

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
375		Sycamore	Mature sycamore on roadside. Potential features: Three woodpecker holes on road side and north aspect.	01/02/2023	Moderate	Y			Aerial still required		Moderate
377	 	Unknown	Roadside tree in hedgerow boundary. Potential features: Some deadwood in canopy, crevice spaces within cracks and wounds present at 0.5m within trunk union.	15/02/2023	Moderate	Y	Active: 01/06/2023 Hibernation: N/A	377.1	Photo Unavailable	Dead limb, south facing: • Height: 1.5m • DPH: 15cm • Entrance height: 10cm • Entrance width: 6cm • Internal height: 10cm • Internal width: 5cm • Internal depth: 15cm Additional information: Dry, dome apex. No suitable features found.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
378	 	Alder	Multi-stem alder in hedgerow. Potential features: Welds at 1m within stem unions and knot hole at 5m on west aspect which appears superficial but will require further inspection.	15/02/2023	Moderate	Y	Active: N/A Hibernation: 27/03/2023	378.1	Photo Unavailable	No suitable features found.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
379	 	Alder	Alder with ivy cover situated within hedgerow. Potential features: Wound at 3m on western branch, cavity leading upward within branch.	15/02/2023	Moderate	Y	Active: N/A Hibernation: 27/02/2023	379.1	Photo Unavailable	All features open to the elements so no suitability.	Negligible
380		Alder	Mature alder in hedgerow and ditch with running water. Potential features: Knot hole at 2m on western aspect, couldn't	15/02/2023	Precautionary Moderate	Y	Active: N/A Hibernation: 27/02/2023	380.1	Photo Unavailable	No suitable features found.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			inspect fully from bankside therefore a precautionary categorisation has been given.								
381	 	Sycamore	Sycamore within field hedgerow. Potential features: Wound within branch at 2m on western aspect of northern stem, small cavity extends into branch.	15/02/2023	Moderate	Y	Active: N/A Hibernation: 27/03/2023	381.1	Photo Unavailable	No suitable features found.	Negligible

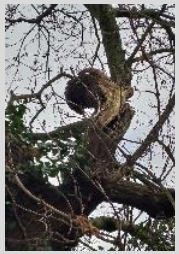
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
382	 	Sycamore	Sycamore in northern hedgerow field boundary. Potential features: Knot hole at 8m on southern aspect, cavity extending into branch.	15/02/2023	Moderate	Y			Aerial still required		Moderate
383		Ash	Ash in Northern field boundary hedgerow. Potential features: Bark rolls present from previous healing	15/02/2023	Moderate	Y			Aerial still required		Moderate

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			wounds at 1m on south aspect, as well as lifting bark and decay cavities in main trunk on the south aspect.								

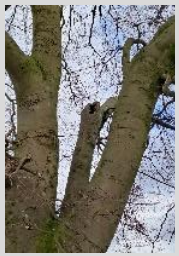
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
384	  	Sycamore	Standalone sycamore within field boundary, within large gap between hedgerows. Potential features: Cavity feature on trunk at 1m on eastern aspect and 7m on southwest aspect which may extend into tree but could be superficial. Also, wooden board at 3m on southeast aspect may provide individual roosting opportunities.	15/02/2023	Moderate	Y	Active: N/A Hibernation: 06/03/2023	384.1	Photo Unavailable	No suitable features found.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
417		Sycamore	Ivy clad sycamore on roadside. Potential features: Ivy obscuring potential features.	28/02/2023	Low	N			Aerial not required		Low
418	 	Sycamore	Ivy clad sycamore on roadside. Potential features: Ivy clad obscuring potential features, small hole in upper branch on West aspect at 12m.	28/02/2023	Moderate	Y	Active: 01/06/2023 Hibernation: N/A	418.1	Photo Unavailable	Not suitable to be climbed as on roadside.	Moderate

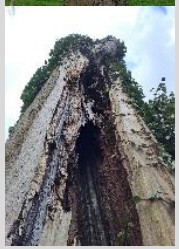
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
419		Oak sp.	Ivy clad mature oak on roadside. Potential features: Ivy may be obscuring potential features.	28/02/2023	Low	N			Aerial not required		Low
420		Oak sp.	Mature oak next to ditch, ivy clad with broken branches. Potential features: Broken branches on east aspect, ivy clad obscuring potential features or thick stem creating feature.	28/02/2023	Moderate	Y	Active: N/A Hibernation: 14/03/2023	420.1	Photo Unavailable	No suitable features found.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
421	 	Oak sp.	Mature oak on ditch side, some ivy cover. Potential features: Broken branch on South aspect at 10m, could lead to cavity.	28/02/2023	Moderate	Y	Active: N/A Hibernation: 14/03/2023	421.1	Photo Unavailable	Wound on stem, north facing: • Height: 0-2m • DPH: 60cm • Entrance height: 200cm • Entrance width: 10cm • Internal height: 50cm • Internal width: 5cm • Internal depth: 5cm Additional information: Cavity at top of split in stem with multiple chambers. Dry, chambered apex shape. Multiple chambers in main stem cavity. Potentially suitable for larger numbers of bats.	High

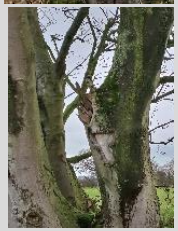
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
422	 	Oak sp.	Small mature tree with decaying trunk, entrances which may lead to further cavity. Potential features: Large openings in main trunk.	28/02/2023	High	Y	Active: N/A Hibernation: 14/03/2023	422.1	Photo Unavailable	Wound on stem, south facing: • Height: 0-3m • DPH: 60cm • Entrance height: 30cm • Entrance width: 30cm • Internal height: 50cm • Internal width: 20cm • Internal depth: 20cm Additional information: Opening at top of split, opens into main stem with more than 50cm upward travel. Dry, chambered apex shape with evidence of nesting birds. Main stem cavity potentially suitable for larger numbers of bats.	High

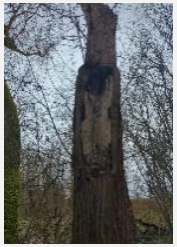
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
426	 	Beech	Mature tree in field on roadside. Potential features: Upwards facing hole on central branch could lead to larger cavity.	28/02/2023	Moderate	Y	Active: 01/06/2023 Hibernation: N/A	426.1	Photo Unavailable	Not suitable to be climbed as next to 60mph road.	Moderate
427		Beech	Mature tree on roadside. Potential features: Large wound on east aspect at 8m where branch has broken in main stem	28/02/2023	Moderate	Y	Active: 01/06/2023 Hibernation: N/A	427.1	Photo Unavailable	Tear-out on stem, southwest facing: • Height: 6m • DPH: 70cm • Entrance height: 40cm • Entrance width: 20cm • Internal height: 20cm • Internal width: 10cm • Internal depth: 30cm	Low

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			may lead to cavity.							Additional information: Dry, dome apex shape with evidence of nesting birds. Owl pellet in the base of the feature.	
428		Oak sp.	Ivy clad oak tree next to the pond. Potential features: Ivy obscuring potential features.	28/02/2023	Low	N			Aerial not required		Low
429		Oak sp.	Ivy clad mature oak roadside. Potential features: Ivy obscuring potential features.	28/02/2023	Low	N			Aerial not required		Low

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
430	 	standing deadwood, likely beech	Standing deadwood pollards with large open cavity on east aspect, may be enclosed cavity in top of tree. Potential features: Large opening on east side of trunk.	28/02/2023	High	Y	Active: N/A Hibernation: 17/01/2024	430.1	Photo Unavailable	Rot on stem, east facing: • Height: 1.5m • DPH: 100cm • Entrance height: 250cm • Entrance width: 50cm • Internal height: 400cm • Internal width: 50cm • Internal depth: 50cm Additional information: Open to predators. Cone apex shape which is wet at the bottom but dry at the top and has evidence of nesting birds. Could be a roost for a large number of bats, but very open and more likely be birds that use it.	Moderate

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
503		Beech	Mature roadside beech. 15m+ tall, DBH 0.9m. Potential features: Transverse snap south facing on southwest-reaching branch at 4m high.#	15/03/2023	Moderate	Y	Active: 01/06/2023 Hibernation: N/A	503.1	Photo Unavailable	Not suitable to be climbed as next to 60mph road.	Moderate

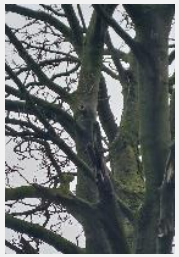
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
507	  	Sycamore	Mature multi-stemmed on pond edge. Approx. 15m tall. DBH approx.0.4m of thickest stem. Potential features: Snapped branches and possible knot hole on east aspect. Hard to tell from other side of pond if they lead anywhere. All 1.5-4m above water level.	16/03/2023	Low	N			Aerial not required		Low

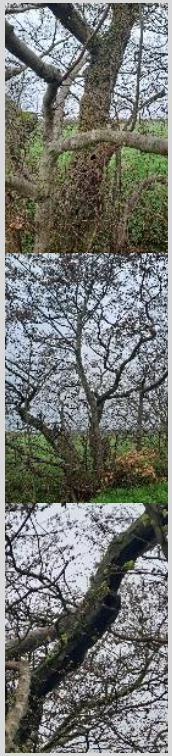
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
508		Willow sp.	Mature tree, approx. 14 m tall. Potential features: Several splits and holes up the main trunk on all aspects.	16/03/2023	Low	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits
509		Willow sp.	Mature pollarded tree. Potential features: 4 bat boxes on the tree.	16/03/2023	Moderate	Y	Active: 01/06/2023 Hibernation: 04/01/2024	509.1-4	Photo Unavailable	4 bat boxes on stem of tree, west facing at 4m. No bats present in any of the boxes.	High
510		Willow sp.	Mature pollarded tree. Potential features: Woodpecker hole in trunk on south aspect at 6m.	16/03/2023	Moderate	Y	Active: 01/06/2023 Hibernation: N/A	510.1	Photo Unavailable	West facing woodpecker hole on stem: • Height: 5m • DPH: 25cm • Entrance height: 6cm • Entrance width: 4cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										Additional information: Dry, dome apex shape.	
529	 	Willow sp.	Semi-mature crack willow on eastern bank of pond with branch falling into pond. Potential features: Damage to trunk where branch torn at 5m on west aspect.	30/03/2023	High	Y			Aerial still required		High

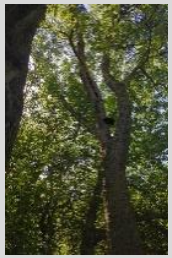
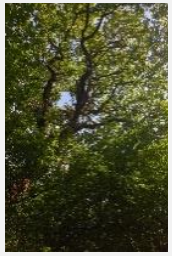
Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
541	 	Oak sp.	Mature multi stemmed oak in ditch, approx. 12m tall. Potential features: Two snapped branches. One at 4m and one at 8m, both facing south.	05/04/2023	Low	N			Aerial not required		Low

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
542	  	Sycamore	20m mature sycamore on southern ditch bank. Potential features: Knot hole southwest facing on trunk 2.5m, facing downward but can't see if goes further, weld in trunk east facing can't see due to ditch location, possibly goes up, large tree possibly other features higher up.	05/04/2023	Moderate	Y	Active: N/A Hibernation: 25/01/2024	542.1	Photo Unavailable	Rot hole on limb, southeast facing: • Height: 2.5m • DPH: 35cm • Entrance height: 20cm • Entrance width: 20cm • Internal height: 20cm • Internal width: 20cm • Internal depth: 10cm Additional information: Wet, flat apex shape. Evidence of nesting birds.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
543	 	Sycamore	20m tall sycamore on southern edge ditch bank, epicormic growth. Potential features: Small knot hole southern aspect 10m, no other visible features but large tree may have more higher up.	05/04/2023	Low	N			Aerial not required		Low

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
544		Oak sp.	12.5m tall tree intertwined with alder trunk on southern bank of ditch. Potential features: Deadwood with gaps 1m but exposed, three visible knot holes 2.5m south/south eastern facing, cannot see northern aspect may hide features.	05/04/2023	Moderate	Y	Active: N/A Hibernation: 25/01/2024	544.1	Photo Unavailable	Rot holes on limb, southeast facing: • Height: 2m • DPH: 20cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm Additional information: Multiple small rot holes all 5cm on the tree. None of them have any travel.	Negligible

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
638		Oak sp.	Mature Oak 12m tall. Potential features: Hole in lower limb facing south. 3m high.	29/06/2023	Low	N			Aerial not required		Low
639		Ash	Mature ash, 20m tall. Potential features: Hole where limb has dropped off. Facing west at 4m.	29/06/2023	Moderate	Y	Active: N/A Hibernation: 04/01/2024	639.1	Photo Unavailable	Knot hole on stem, southwest facing: • Height: 3m • DPH: 50cm • Entrance height: 6cm • Entrance width: 6cm • Internal height: 15cm • Internal width: 7cm • Internal depth: 25cm Additional information: 25cm downward travel, 10cm upward travel. Wet, cone apex shape with fungus present.	Moderate
								639.2	Photo Unavailable	Snapped branch on limb, west facing: • Height: 4m • DPH: 25cm • Entrance height: 10cm • Entrance width: 12cm • Internal height: 5cm	

Northern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										• Internal width: 6cm • Internal depth: 4cm Additional information: Not a suitable feature.	
640		Ash	Mature ash. 20m tall. Potential features: Large cavity in limb at fork. Facing north at a height of 7m.	29/06/2023	Low	N			Aerial not required		Low
641		Oak sp.	Mature Oak 25m tall. Potential features: Branch over the path at 12m with hole facing southwest.	29/06/2023	Low	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits

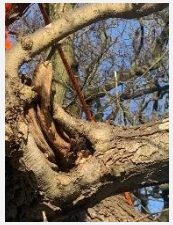
HyNet North West Hydrogen Pipeline
Delivering clean growth

Annex 5E 3
Bat Tree Survey Results: Eastern Corridor

* Feature visited on this date but was unsafe to climb, so aerial inspection not completed

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
44		Elder	Part dead elder West of road, approx. 6m tall. Potential features: Upwards facing hole in trunk on east aspect at 6m.	21/07/2022	Low No evidence recorded	N			Aerial not required		Low
45		Holly	Dead ivy clad any features obscured, approx. 6m tall. Potential features: Ivy cover.	21/07/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 06/02/2023	45.1		Tree not suitable for climbing.	Moderate
46	Photo Unavailable	Oak sp.	Mature tree, approx. 18m tall next to track. Potential features: Broken limb northwest aspect underside, at 6m	21/07/2022	Low No evidence recorded	N			Aerial not required		Low

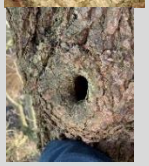
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
47		Oak sp.	North side of copse in field. Potential features: Knot hole on northern aspect on trunk, broken branch at 3m high.	21/07/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 06/02/2023	47.1	 	Tear-out on limb, east facing: • Height: 5m • DPH: 60cm • Entrance height: 120cm • Entrance width: 5cm • Internal height: 50cm • Internal width: 7cm • Internal depth: 0cm Additional information: Linked to knot hole. Dry, tube apex shape with possible old birds' nests present.	High
								47.2		Knot hole on stem, east facing: • Height: 2m • DPH: 70cm • Entrance height: 7cm • Entrance width: 3cm • Internal height: 9cm • Internal width: 5cm • Internal depth: 15cm Additional information: Extends horizontally into stem. Dry, spire apex shape with no signs of nesting birds.	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
48	Photo Unavailable	Alder	Approx. 12m tall in the southwest of a copse in field. Potential features: Knot hole main trunk on the south aspect, southwest branch damage at 6m high.	21/07/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 06/02/2023	48.1		Please note knot hole noted in ground based assessment doesn't form a PRF. Wound on limb, south facing: • Height: 2.5m • DPH: 15cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 3cm • Internal width: 2cm • Internal depth: 15cm Additional information: Feature extends along branch. Dry, tube apex shape with no signs of nesting birds.	Low
49	Photo Unavailable	Oak sp.	Approx. 12m tall in the southeast of a copse. Potential features: Rot hole on the southwest aspect of the main trunk at 7m high.	21/07/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 06/02/2023	49.1		Desiccation-fissure on stem, north facing: • Height: 4m • DPH: 70cm • Entrance height: 15cm • Entrance width: 1.5cm • Internal height: 40cm • Internal width: 2cm • Internal depth: 10cm Additional information: Damp, flat apex shape with woodlice and no signs of nesting birds.	High

Eastern Corridor

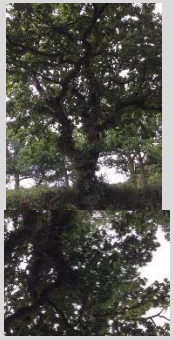
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
50		Alder	Approx. 15m tall in the centre of a copse. Potential features: Knot holes up trunk on the south aspect, broken branch on the west aspect, all at 5m.	21/07/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 06/02/2023	50.1		Knot hole on stem, west facing: • Height: 2m • DPH: 75cm • Entrance height: 9cm • Entrance width: 8cm • Internal height: 80cm • Internal width: 10cm • Internal depth: unknown Additional information: Dry, tube apex shape with grey squirrel present and no signs of nesting birds or roosting bats.	High
								50.2	Photo Unavailable	Knot hole on stem, east facing: • Height: 1.8m • DPH: 90cm • Entrance height: 9cm • Entrance width: 6cm • Internal height: unknown • Internal width: 8cm • Internal depth: 20cm Additional information: Dry, dome apex shape with grey squirrel present and no signs of nesting birds or roosting bats.	

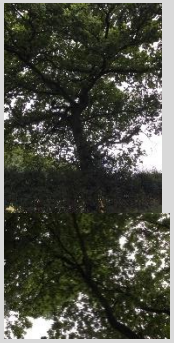
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								50.3		Knot hole on limb, west facing: • Height: 7m • DPH: 20cm • Entrance height: 6cm • Entrance width: 4cm • Internal height: unknown • Internal width: 3cm • Internal depth: 100cm Additional information: Feature extends downwards along the branch. Damp, spire apex shape with no signs of nesting birds or roosting bats.	
								50.4		Knot hole on limb, north facing: • Height: 8m • DPH: 20cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: unknown • Internal width: 2cm • Internal depth: 20cm Additional information: Cavity extends downwards. Damp, spire apex shape with woodlice and no signs of nesting birds or roosting bats.	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								50.5		Knot hole on limb, north facing: • Height: 8m • DPH: 20cm • Entrance height: 5cm • Entrance width: 6cm • Internal height: 4cm • Internal width: 5cm • Internal depth: 12cm Additional information: Damp, spire apex shape with no signs of nesting birds or roosting bats.	
								50.6	  	Three linked knot holes on stem, north, west, and south facing: • Height: 4.5m • DPH: 80cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: unknown • Internal width: 3cm • Internal depth: 80cm Additional information: Dry, tube apex shape with no signs of nesting birds or roosting bats.	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								50.7		Knot hole on stem, west facing: • Height: 3m • DPH: 80cm • Entrance height: 8cm • Entrance width: 6cm • Internal height: 2cm • Internal width: 2cm • Internal depth: 95cm Additional information: Beyond entrance PRF narrows quickly into a small tube. Dry, tube apex shape with no signs of nesting birds or roosting bats.	
51	Photo Unavailable	Oak sp.	Approx. 6m tall on the south side of road. Potential features: Lateral cavity in the trunk at 3m on the north aspect.	21/07/2022	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits
52	Photo Unavailable	Oak sp.	Approx. 14m tall on the north side of road. Potential features: Wound running up the whole trunk and branches, starts at 1m.	21/07/2022	Low No evidence recorded	N			Aerial not required		Low

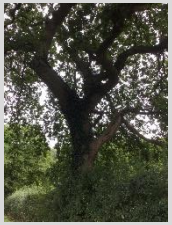
Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
93		Oak sp.	Mature tree, in hedgerow along roadside, approx. 4m to trunk division into 2, tree approx. 12m+ tall. Potential features: Dead ivy stems round the whole trunk; branch lifting bark, possible crevice; same branch has bark fold on east aspect.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A			Unsafe to climb	Moderate
94		Oak sp.	Mature tree on north side road in hedgerow. Single stem trunk, main branch on southwest side. Approx. 12+m tall. Potential features: Dead ivy stems on trunk creating potential crevice roost sites. Full foliage on tree may cover other potential roost site.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2023* Hibernation: N/A			Unsafe to climb	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
95		Oak sp.	Mature oak, north side of road in hedgerow. Approx. 12+m tall. Potential features: Bark fold on the upside of the branch on west side of tree, over road. Southeast side branch has lifting bark. Westside branch has a bark fold, east side branch has lifting bark at 5m.	16/08/2022	Low No evidence recorded	N			Aerial not required		Low
96		Oak sp.	Semi mature, approx. 10m+ tall in hedgerow on south side of road. Potential features: Dead ivy stems across whole tree may provide day roost crevice but limited.	16/08/2022	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
97		Oak sp.	Mature tree in hedgerow on south side of hedgerow. Potential features: Dead ivy stems, potential crevices, possibly obscuring trunk crevices. Dead wood lifting on upper side north branch over road. Tree in full foliage, tree only accessed from road.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A	97.1	Photo Unavailable	Cavity does not extend as far as first thought, could be used by single or low number of bats. Unsafe to climb, on a busy road.	Low
98		Oak sp.	Mature tree in hedgerow on south side of road, approx..12m tall. Potential features: Dead ivy stems up trunk. Tree in full foliage obscuring some areas of trunk/branches.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A	98.1	Photo Unavailable	Cavity does not extend as far as first thought, could be used by single or low number of bats. Unsafe to climb, on a busy road.	Low

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
99		Oak sp.	Mature oak in hedgerow on north side of road, Approx. 12+m tall. Potential features: Northeast side of tree branch cavity approx 1.5m length. Northeast branch cavity at 2m.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A			Unsafe to climb	Moderate
100		Oak sp.	Mature tree in north side of road, within hedgerow. Potential features: Possible cavity behind dead branch on west side of tree.; lifting bark on underside of branch in west side; lifting bark on branch on east side at 4.5m.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A			Unsafe to climb	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
101		Oak sp.	Ivy clad trunk, mature tree, in hedgerow on north side of road, approx. 10+m tall. Potential features: Underneath ivy on trunk. Dense ivy on trunk possibly providing crevice roost sites and obscuring trunk/ branch cavities.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A			Unsafe to climb	Moderate
102	 	Oak sp.	Mature oak in hedgerow on north side of road, approx. 10m+ tall. Potential features: West side branch cavity, south side trunk cavity, at approx. 3m.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A			Unsafe to climb	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
103		Oak sp.	Semi-mature tree, within hedgerow in east side of drive, approx. 8+m tall. Potential features: Branch scar on west side of tree, lifting bark, bark roll and dead branch northwest side of tree at approx. 7m. Cavity between two stems, dead branch northeast side.	16/08/2022	Moderate No evidence recorded	Y	Active: 12/09/2022 Hibernation: N/A	103.1	Photo Unavailable	Split on stem, west facing: • Height: 3m • DPH: 90cm • Entrance height: 50cm • Entrance width: 25cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 10cm Additional information: Callus rolls tight against heartwood. 10cm of upward travel on left side of cavity. No downward. Used by nesting birds and squirrels. Dry, cone apex shape with no signs of roosting bats. Could be used by single or low number of bats.	Low
104	Photo Unavailable	Oak sp.	Mature tree, ivy on trunk, approx. 10m+ tall, in hedgerow on west side of drive. Potential features: Northeast, dead branch lifting bark.	16/08/2022	Low No evidence recorded	N			Aerial not required		Low

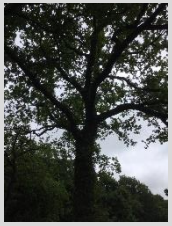
Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
105		Oak sp.	Semi-mature oak, east side of drive in hedgerow, approx. 8+m tall, ivy at base of trunk. Potential features: Dead and broken branches in centre of tree at 6m, possible cavities.	16/08/2022	Moderate No evidence recorded	Y	Active: 12/09/2022 Hibernation: N/A	105.1	Photo Unavailable	Dead branches, but no suitable cavities.	Negligible
106	 	Oak sp.	Dying tree in hedgerow on west side of drive. Potential features: Dead branches on east and west sides of tree. Hole in trunk on northeast side at approx. 6m. Possible cavity in broken branch on northeast side.	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: 28/11/2022	106.1	Photo Unavailable	Tree is rotten, and not safe to climb. Knot hole on stem, east facing: • Height: 6m • DPH: 50cm • Entrance height: 7cm • Entrance width: 7cm Additional information: Not safe to climb as rotten, potentially leads into main stem cavity. Used by nesting birds.	High
								106.2	Photo Unavailable	Tree is rotten, and not safe to climb. Tear out on limb, east facing: • Height: 8m • DPH: 25cm • Entrance height: 5cm • Entrance width: 5cm	

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										Additional information: Not safe to climb as tree is rotten. Potentially leads into limb cavity. Used by nesting birds	
107	 	Oak sp.	Semi-mature tree in west side of hedgerow along drive. Approx. 8+m tall. Potential features: Trunk cavity at 2.5m on south side, ivy round whole trunk	16/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: 28/11/2022	107.1	Photo Unavailable	Tear out on stem, south facing: • Height: 2.5m • DPH: 60cm • Entrance height: 40cm • Entrance width: 10cm • Internal height: >50cm • Internal width: 5cm • Internal depth: 5cm Additional information: Series of small chambers and cavities leading upward from tear out on south side of main stem. Downward travel to opening on west side of main stem. Droppings found, unable to take samples. Roosting position above feature entrance. Tree has a hollow main stem with opening at the base on east side and opening above tear out on south side.	Confirmed

Eastern Corridor											
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108		Oak sp.	Mature tree in hedgerow on east side of drive, approx. 10+m tall. Potential features: Lifting bark on dead branch on southwest side of trunk.	16/08/2022	Low No evidence recorded	N			Aerial not required		Low
109		Oak sp.	Semi-mature tree in hedgerow on west side of drive. Approx. 10+m tall. Potential features: Knot hole on branch on south side . Knot hole on branch on northeast side over drive, possible depth, ivy stems dead on trunk at 2m crown. Potential roost sites but very limited.	16/08/2022	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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110		Oak sp.	Mature tree, sparse ivy on trunk. In hedgerow on east side of drive. Potential features: South east branch lifting bark at 5m.	16/08/2022	Low No evidence recorded	N			Aerial not required		Low
111		Oak sp.	Mature tree, damage to branches, on west side of drive in hedgerow, approx. 12+m tall. Potential features: South side damaged branch by trunk, lifting bark; west side damaged branch, fold on top, possible crevice at 10m.	16/08/2022	Moderate No evidence recorded	Y	Active: 12/09/2022 Hibernation: N/A	111.1	Photo Unavailable	Dead branches but no suitable cavities.	Negligible

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
118			Approx. 12+m tall mature tree in field boundary hedgerow. Dying. Potential features: North side main trunk three holes, trunk cavities. Main branch south side one trunk hole facing up. All at 4-8m.	18/08/2022	High No evidence recorded	Y	Active: 30/08/2022 Hibernation: N/A	118.1	Photo Unavailable	Tree has been felled	N/A

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
119	Photo Unavailable	Oak sp.	Approx. 12+m tall mature tree in field hedgerow. Full foliage, ivy on base of tree. Potential features: Lifting bark on trunk at 8m north and northeast side.	18/08/2022	Moderate No evidence recorded	Y	Active: 30/08/2022 Hibernation: N/A	119.1	Photo Unavailable	Features identified have limited potential and do not extend as far as first thought, tree downgraded following climb.	Low
120		Oak sp.	Mature tree in northeast field boundary hedgerow, full foliage, ivy on trunk, approx. 10+m tall. Potential features: Ivy up trunk, dead branch with cavity on south east side of tree, lifting bark on branches on south side	18/08/2022	Moderate No evidence recorded	Y	Active: 30/08/2022 Hibernation: N/A	120.1	Photo Unavailable	Ivy cover from base into crown, and some dead, rotting, and failed limbs & branches. No suitable features found.	Low
121		Ash	Mature tree approx. 12m+ tall in field near south/southeast boundary. Potential features: Full foliage obscuring view of trunk	18/08/2022	Moderate No evidence recorded	Y	Active: 30/08/2022 Hibernation: N/A	121.1	Photo Unavailable	Knot hole on limb, east facing: • Height: 9m • DPH: 20cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 5cm • Internal width: 5cm	Low

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			across the whole tree.							• Internal depth: 15cm Additional information: Horizontal tapering cavity with 15cm of travel. Hornet found within trunk. Potentially better suited to nesting birds than roosting bats.	
122		Oak sp.	In roadside hedgerow on east side of road. Semi mature, approx. 8m tall. Potential features: Ivy clad trunk. Limited features behind ivy due to size of tree.	18/08/2022	Moderate No evidence recorded	Y	Active: 30/08/2022 Hibernation: N/A	122.1	Photo Unavailable	Not safe to climb, on a main road	Low
123		Sycamore	Mature tree in hedgerow on west side of road. Approx. 10+m tall. Potential features: Dead ivy stems on trunk providing limited crevice roosts potential.	18/08/2022	Moderate No evidence recorded	Y	Active: 12/08/2022 Hibernation: N/A	123.1	Photo Unavailable	Not safe to climb, on a main road	Low

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
124		Oak sp.	Mature, in hedgerow on west side of road, approx. 10m+ tall. Potential features: Lifting bark on centre branches above trunk split. Visible on east side. Ivy on trunk. Knot holes. At around 4m high.	18/08/2022	Moderate No evidence recorded	Y	Active: 12/08/2022 Hibernation: N/A	124.1	Photo Unavailable	Not safe to climb, on a main road	Moderate
125		Oak sp.	Semi-mature tree in hedgerow between crop fields. Approx. 8m high. Potential features: Lifting bark and branch crevices in bark splits on south side of crown at 4m. Full potential difficult to assess due to foliage.	18/08/2022	Moderate No evidence recorded	Y	Active: 29/08/2022 Hibernation: 28/11/2022	125.1	Photo Unavailable	Tear out on stem, east facing: • Height: 4m • DPH: 50cm • Entrance height: 50cm • Entrance width: 20cm • Internal height: 60cm • Internal width: 20cm • Internal depth: 20cm Additional information: Tear out with main stem cavity packed with squirrel nesting materials. Dry, smooth, domed apex shape. Potentially better suited to nesting birds and squirrels.	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
126		Oak sp.	Mature tree in south hedgerow, approx. 10+m tall, full foliage. Potential features: Southeast dead branches, lifting bark, centre north dead branches at 4-8m.	18/08/2022	Moderate No evidence recorded	Y	Active: 30/08/2022 Hibernation: N/A	126.1	Photo Unavailable	Not safe to climb, on a main road	Low
127		Oak sp.	Mature tree, approx. 10m+ tall, full foliage, east side of road. Potential features: Ivy clad trunk, features obscured by foliage.	18/08/2022	Moderate No evidence recorded	Y	Active: 30/08/2022 Hibernation: N/A	127.1	Photo Unavailable	Not safe to climb, on a main road	Moderate
129		Oak sp.	Full foliage mature tree approx 10+m tall. Ivy clad stem. In west side of road hedgerow. Potential features: Dense ivy on stem. Branch cavity on south side of tree over field.	18/08/2022	High No evidence recorded	Y	Active: 29/08/2022 Hibernation: 28/11/2022	129.1	Photo Unavailable	Ivy cover on stem, all aspects. Dense ivy cover from base into crown. Tree can only be climbed from the west side as east side overhangs road. Ivy could conceal features on east side. Could have competition from nesting birds.	Moderate

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
142		Oak sp.	Large oak on roadside, ivy at base of trunk, large, sprawling limbs. Potential features: broken branches, hole in branch on west aspect.	11/08/2022	Moderate No evidence recorded	Y	Active: 28/09/2022 Hibernation: N/A	142.1	Photo Unavailable	Small tear-out on limb, west facing. No suitable cavity formed; end of broken branch is sealed with the exception of a 2cm exposed hole with woodlice in. Not a PRF.	Negligible
143		Oak sp.	Large oak tree on side of road, mature, large canopy. Potential features: Hole in branch on west aspect, large opening on east aspect could lead to larger cavity.	11/08/2022	High No evidence recorded	Y	Active: 28/09/2022 Hibernation: N/A	143.1	Photo Unavailable	Possible cavity on west side of tree from old tear-out, SW facing but aerial confirmed not a PRF, tear-out sealed.	Low
								143.2	Photo Unavailable	Large upwards facing cavity on eastern side, extends 1m from top to bottom, partially enclosed at the top 5x5cm, possible for 1-2 bats as terminal end but quite exposed. Southeast facing. • Height: 3.5m • DPH: 0cm • Entrance height: 70cm • Entrance width: 10cm • Internal height: 100cm • Internal width: 30cm • Internal depth: 40cm Additional information: Quite open, partially enclosed at top could be used by a small	

Eastern Corridor											
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										number of bats. Dry, with slugs present.	
144		Ash	Semi-mature tree on side of road next to gate, ivy clad. Potential features: split branch on central trunk, ivy could be hiding potential features.	11/08/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 16/01/2023	144.1	Photo Unavailable	Not safe to climb, on a main road	Precautionary moderate
145		Oak sp.	Mature oak on field boundary, within hedgerow. dead ivy on trunk. Potential features: split branch on southwest aspect at 7m.	11/08/2022	Moderate No evidence recorded	Y	Active: 30/05/2023 Hibernation: N/A	145.1	Photo Unavailable	Ivy across stem, north facing: • Height: 0-7m • DPH: 60cm Additional information: The ivy present is tight but does not form a feature.	Negligible
								145.2	Photo Unavailable	Split branch on limb, southwest facing: • Height: 7m • DPH: 20cm • Entrance height: 30cm • Entrance width: 10cm • Internal height: 7cm • Internal width: 7cm • Internal depth: 8cm Additional information:	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										Not suitable for roosting bats.	
146		Silver Birch	Mature multi-stemmed silver birch, ivy clad. Potential features: Ivy obscuring potential features, precautionary assessment made.	11/08/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 16/01/2023	146.1	Photo Unavailable	No suitable roosting features present.	Negligible
147		Silver Birch	Mature multi-stemmed silver birch, ivy clad. Potential features: hole on north aspect that could lead to a cavity, ivy obscuring potential features, precautionary assessment made.	11/08/2022	Moderate No evidence recorded	Y	Active: 28/09/2022 Hibernation: N/A	147.1	Photo Unavailable	Hole in dead branch, north facing: • Height: 3m • DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 15cm Additional information: Upwards facing hole to 15cm, completely exposed providing no cover so not a suitable PRF.	Negligible

Eastern Corridor

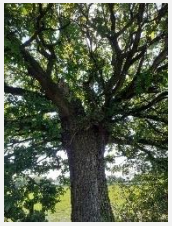
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
148		Alder	Mature tree, ivy clad. Potential features: ivy obscuring potential features.	11/08/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 16/01/2023	148.1	Photo Unavailable	No suitable roosting features present.	Negligible
149	 	Oak sp.	Mature oak on field boundary. Potential features: split branch, dead branches, ivy and foliage obscuring potential features.	11/08/2022	Moderate No evidence recorded	Y	Active: 28/09/2022 Hibernation: 16/01/2023	149.1	Photo Unavailable	Split limb, west facing at 3.5m. Does not form a PRF.	High
							Active: 28/09/2022 Hibernation: 16/01/2023	149.2	Photo Unavailable	Cavity in dead limb, southwest facing: • Height: 8m • DPH: 0cm • Entrance height: 8cm • Entrance width: 12cm • Internal height: 6cm • Internal width: 7cm • Internal depth: 60cm Additional information: Tubular cavity extends upwards 50cm and downwards 10cm,	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										excellent feature but no bat evidence.	
150	Photo Unavailable	Oak sp.	Mature oak on side of lane. Potential features: Woodpecker holes on north aspect, foliage obscuring other potential features.	11/08/2022	Moderate No evidence recorded	Y	Active: 30/05/2023 Hibernation: N/A	150.1	Photo Unavailable	Woodpecker hole in limb, north facing: • Height: 3m • DPH: 15cm • Entrance height: 15cm • Entrance width: 5cm • Internal height: 7cm • Internal width: 7cm • Internal depth: 7cm Additional information: Unable to inspect fully due to presence of nesting birds.	Moderate
151		Willow sp.	No mature trees in group, mostly willow scrub and hawthorn bushes - no further survey.	11/08/2022	Negligible No evidence recorded	N	Aerial not required				Negligible
152		Oak sp.	Mature oak on side of lane, large canopy. Potential features: Hole on east aspect at 12m could lead to bigger cavity.	11/08/2022	Moderate No evidence recorded	Y	Active: 30/05/2023 Hibernation: N/A	152.1	Photo Unavailable	Rot hole in limb, east facing: • Height: 5m • DPH: 10cm • Entrance height: 10cm • Entrance width: 7cm • Internal height: 5cm • Internal width: 5cm	Precautionary High

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										• Internal depth: 5cm Additional information: Unable to inspect tree fully due to presence of nesting birds and location on lane	
								152.2	Photo Unavailable	Rot hole in limb, east facing: • Height: 3m • DPH: 10cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 10cm Additional information: Dry, dome apex shape. Black staining at entrance.	
153		Oak sp.	Large mature ivy clad oak on side of lane. Potential features: Ivy obscuring potential features so precautionary assessment made	11/08/2022	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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154		Oak sp.	Mature oaks within small woodland area, partially dead in some places, broken branches and splits. Potential features: Broken branches and splits in branches.	11/08/2022	Moderate No evidence recorded	Y	Aerial still required – multiple trees within small woodland				Moderate
155		Oak sp.	ivy clad oak tree in strip of woodland next to motorway bridge. Potential features: Ivy obscuring potential features.	11/08/2022	Low No evidence recorded	N			Aerial not required		Low
156		Oak sp.	Mature oak on filed boundary. Potential features: Flaking bark.	11/08/2022	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
157		Oak sp.	Small mature oak in ditch on edge of field boundary. Potential features: Split in central trunk which could lead to a larger cavity.	11/08/2022	High No evidence recorded	Y	Active: 27/06/2023 Hibernation: N/A	157.1	Photo Unavailable	Deadwood in stem: • Height: 3.5m • DPH: 30cm • Entrance height: 15cm • Entrance width: 7cm • Internal height: 5cm • Internal width: 5cm • Internal depth: <5cm Additional information: Feature is open to the elements. Not a suitable feature. Wet tapering cavity.	Negligible
158		Oak sp.	Large mature oak tree on field boundary. Potential features: broken branch in central trunk could lead to hollow cavity.	11/08/2022	High No evidence recorded	Y	Active: N/A Hibernation: 18/01/2024	158.1	Photo Unavailable	Deadwood in stem, north facing: • Height: 3m • DPH: 80cm • Entrance height: 30cm • Entrance width: 30cm • Internal height: 40cm • Internal width: 30cm • Internal depth: 40cm Additional information: Can not fully inspect. Squirrel drey and squirrels present at time of survey. Feature is fully open above. Squirrel drey takes up the full feature.	Negligible

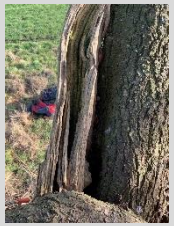
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
165		Poplar	Dead tree. Potential features: South facing woodpecker hole.	17/08/2022	High No evidence recorded	Y	Active: 30/09/2022 Hibernation: N/A	165.1	Photo Unavailable	Woodpecker hole in stem, south facing. Not safe to climb. • Height: 6m • DPH: 20cm • Entrance height: 7cm • Entrance width: 7cm Additional information: Nesting birds present and has potential for use by roosting bats.	High
166		Oak sp.	Mature oak near to motorway. Potential features: A dropped branch with horizontal split.	17/08/2022	Moderate No evidence recorded	Y	Active: 12/09/2022 Hibernation: N/A	166.1	Photo Unavailable	Failed Limb, east facing: • Height: 3m • DPH: 20cm Additional information: Failed limb with open splits along length of branch. Splits are shallow, open to the elements, and do not offer sufficient shelter for roosting bats.	Negligible
167		Poplar	Dead poplar. Potential features: Fallen stem with split and desiccation.	17/08/2022	Low No evidence recorded	N	Aerial not required				Low

Eastern Corridor											
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168		Oak sp.	Mature oak on edge of plantation woodland. Potential features: South facing knot hole with desiccation leading to a cavity.	17/08/2022	Moderate No evidence recorded	Y	Active: 12/09/2022 Hibernation: 28/11/2022	168.1	Photo Unavailable	Tear-out on stem, southeast facing: • Height: 1.5m • DPH: 100cm • Entrance height: 1.2cm • Entrance width: 5cm • Internal height: >100cm • Internal width: Unknown • Internal depth: 5cm Additional information: Tear out on side of main stem with exposed heartwood. Gap between callus and heartwood leads into cavity between desiccated heartwood and cambium, potentially leads all around stem. Unable to fully check with endoscope. Cavity is dry and has potential for larger numbers of bats (and nesting birds).	High
169		Oak sp.	Mature oak on edge of plantation woodland. Potential features: Hollow stem with small cavities majority of which are quite exposed but some smaller	17/08/2022	Moderate No evidence recorded	Y	Active: 12/09/2022 Hibernation: 28/11/2022	169.1		Hole in stem, northeast facing: • Height: 2m • DPH: 70cm • Entrance height: 5cm • Entrance width: 3cm • Internal height: 10cm • Internal width: 5cm	Moderate

Eastern Corridor											
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			more covered cavities present.							• Internal depth: 5cm Additional information: Small cavity behind bark, smooth wood inside. Dry, dome apex shape with potential for nesting birds. Cavity has potential for low number of roosting bats.	
170		Oak sp.	Mature oak in arable field. Potential features: north east facing desiccation on main stem on upper branches these are well occluded.	17/08/2022	Moderate No evidence recorded	Y	Active: 12/09/2022 Hibernation: 28/11/2022	170.1		Split in stem, north facing: • Height: 8m • DPH: 30cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: >50cm • Internal width: 5cm • Internal depth: 5cm Additional information: Split on north side of main stem from base into crown. Healed lower down, opens at 7m with exposed heartwood and callus rolls. Entrance leads into 5cm diameter cavity with more than 50cm upward travel. Dry with potential for nesting birds. Cavity has potential for maternity colony.	High

Eastern Corridor

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171		Alder	Along roadside. Potential features: Ivy clad. ivy isn't feature but may be obscuring other PRFs. tree is of a sufficient age and size to have PRFs.	17/08/2022	Moderate No evidence recorded	Y	Active: 30/09/2022* Hibernation: N/A	171.1	Photo Unavailable	Unsafe to climb, on a busy road	Moderate
172		Oak sp.	Along roadside. Potential features: Dense ivy cover, ivy not the feature but may be obscuring other PRFs. It is highly cluttered so not a lot of places for bats to land and crawl or make straight entrance into any possible roost.	17/08/2022	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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173		Oak sp.	On the edge of Caldwell brook. Potential features: large desiccation on the eastern aspect of the main stem lots of cavities	17/08/2022	Moderate No evidence recorded	Y	Active: 27/06/2023 Hibernation: 30/01/2023	173.1	 	Desiccation-fissure in stem. North facing: • Height: 3.5m • DPH: 70cm • Entrance height: 350cm • Entrance width: 10cm • Internal height: 350cm • Internal width: 6cm • Internal depth: 10cm Additional information: Desiccated stem, multiple access holes lead into same PRF, including a feature from above not seen from ground as shown in photo.	High

Eastern Corridor											
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192		Oak sp.	On boundary of the route. On the west of back lane in hedgerow. Potential features: Covering of ivy may mask features on trunk but isn't dense enough to be a feature itself. Ground to 10m on all aspects of trunk. Snapped branch on north-west of trunk, holds cracks that may lead to larger crevices. Knot hole with small dead branch in branch on north of tree. May lead to crevice. On the southern aspect at 6m.	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: N/A	192.1	Photo Unavailable	Ivy cover across stem. All aspects: • Height: 0-16m • DPH: 90cm Additional information: Ivy tight against the tree. Has not delaminated and does not make features or cavities anywhere within the tree. Ivy obscures some dead branches that hold no cavities suitable for bats. No further surveys required, not suitable for bats.	Negligible
195		Ash	Mature Ash in hedgerow on west o road, just south of Tree 192. Potential features: Cavity where branch has fallen and healed,	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: N/A	195.1		Tear-out on limb, northeast facing: • Height: 5.5m • DPH: 50cm • Entrance height: 90cm • Entrance width: 15cm • Internal height: 15cm	Moderate

Eastern Corridor

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			with cracks, could lead to cavity, on the NW aspect at 4m. Ivy up to 10m may mask features and no view of west so could be other features not visible from the road.							• Internal width: 15cm • Internal depth: 100cm Additional information: More than 1m of downward travel. Owl pellets to the base of the feature. From entrance the feature has downward travel into a ball shaped cavity with a flat bottom.	
								195.2	Photo Unavailable	Ivy cover from base to 14m. Starting to delaminate and come away from the tree creating very small pockets that could be used as suitable cavities if the ivy continues to come away from the tree. At present it is not suitable for bats but within time could become much more suited to roosting bats.	
								195.3	Photo Unavailable	Basal cavity in stem, west facing: • Height: 0m • DPH: 90cm • Entrance height: 40cm • Entrance width: 30cm • Internal height: 50cm • Internal width: 50cm	

Eastern Corridor											
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										• Internal depth: 100cm Additional information: Basel cavity at ground level with more than 1m of upward travel into a tapering cavity. Currently being occupied by a mammal from nesting material that is present in cavity. Currently being occupied by a mammal from nesting material that is present in cavity.	
197	 	Ash	Semi-mature tree on east of back lane in hedgerow, just north of Tree 195 with some crown dieback. Potential features: Hollow stem on south-western aspect appears open at top and includes knot hole and crack at side at 6m. Large knot hole appears to lead down into large cavity. Large opening therefore unlikely to hold	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023* Hibernation: N/A	197.1	Photo Unavailable	Multiple dead limbs with suitable features. Main stem dead/dying with multiple features. Unsafe to climb further surveys required	High

Eastern Corridor											
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	 		suitable conditions for maternity or hibernation roost. North-west of northern stem at 6.5m. Several knot holes in branches high in canopy on north. Could lead to cavities. North aspect at 8-9m. Other features may be present not visible from roadside or due to presence of ivy, ground to crown.								
201		Oak sp.	Mature oak on boundary to field on west of road. Potential features: 2 branches with damage and knot holes at base that may lead to cavity. Southeast at 2m and 3m.	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: N/A	201.1		Knot hole on stem, east facing. • Height: 3.5m • DPH: 100cm • Entrance height: 20cm • Entrance width: 20cm • Internal height: 20cm • Internal width: 20cm • Internal depth: 30cm Additional information: Old knot hole with 30cm downward travel into a tapering cavity. Padded out at the	Negligible

Eastern Corridor											
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										bottom from possible bird use. Open to the elements. Multiple small, snapped branches and cracks throughout the tree from 3 - 8m but don't provide cavities for roosting bats.	
204	 	Oak sp.	Semi-mature oak on field boundary, west of road with ivy covering. Potential features: Crack on branch at 5m on SE of Northern stem could provide space for a few bats. Knot hole on south of branch at 6m extending over field, may lead to cavity. Ivy (ground level to 4m) with thick stems up to 6cm wide, creates small cavities under where 1 or 2 bats could shelter.	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: N/A	204.1		Snapped branch on limb, west facing. • Height: 4m • DPH: 45cm • Entrance height: 20cm • Entrance width: 10cm • Internal height: 10cm • Internal width: 6cm • Internal depth: 15cm Additional information: 15cm of downward travel into a tapering cavity. Dry, dome apex shape with potential for nesting birds.	Low
								204.2	Photo Unavailable	Knot hole in limb, south facing: • Height: 4m • DPH: 15cm • Entrance height: 3cm	

Eastern Corridor											
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										• Entrance width: 6cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm Additional information: Dry, dome apex shape with woodlice. Not a suitable cavity for roosting bats.	
								204.3	Photo Unavailable	Ivy cover on stem, all aspects: • Height: 0-15m • DPH: 80cm Additional information: Ivy is tight against the tree but small cavities are starting to appear. Potential for single bat use.	
207		Oak sp.	Mature trees on field boundary on west of road, canopy spreads over road. Potential features: Knot hole including the end of a dead branch, could lead to cavity. At 4m on the north aspect. 3	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: N/A	207.1		Rot hole in limb, northwest facing: • Height: 4m • DPH: 90cm • Entrance height: 7cm • Entrance width: 6cm • Internal height: 10cm • Internal width: 12cm • Internal depth: 15-20cm Additional information:	Low

Eastern Corridor											
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			x knot holes with dead / cracked branches high in canopy on south aspect at 9-10m.							Rot hole at the base of a snapped limb. Feature is full of water with slugs present. If feature dries out it could be a good cavity to be used by a hibernating bat.	
								207.2	Photo Unavailable	Rot hole in limb, north facing: • Height: 4m • DPH: 10cm • Entrance height: 2cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm Additional information: Further rot hole located within piece of dead wood with 5cm of upward and downward travel. Wet, dome apex shape. Not suitable for roosting bats.	
209		Oak sp.	Mature oak with ivy covering on east of road in hedgerow. Potential features: Ivy could be a feature in branches where 6cm wide and could be masking other	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: N/A	209.1		Ivy on stem across all aspects: • Height: 0-15m • DPH: 100cm Additional information: Ivy is starting to delaminate and create cavities throughout the whole of the tree. Not safe to climb as may cause damage to	High

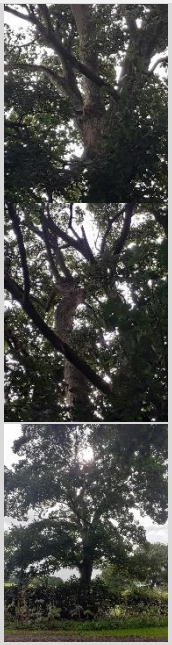
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			features. Also, no view of east of tree.							roosting bats. Further surveys required.	
210		Oak sp.	Mature oak on east of road in hedgerow with ivy. Potential features: No view of east of tree so can't discount features not visible also features may be obscured with ivy.	17/08/2022	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: N/A	210.1	Photo Unavailable	Ivy on stem across all aspects: • Height: 0-14m • DPH: 60cm Additional information: Ivy does make good features throughout the tree. Good delamination and good cavities behind the ivy. Unable to fully inspect.	Precautionary moderate
211	 	Aspen	Mature tree in hedgerow on east of road, most southerly tree in route boundary. Some ivy on lower trunk. Potential features: 2 pruning cuts on southern aspect, 1 may provide shelter for 1 bat, cavity doesn't extend far into tree, on southern aspect at 2m.	17/08/2022	Low No evidence recorded	N	Aerial not required				Low

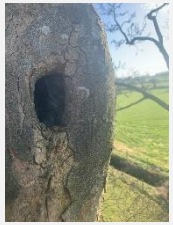
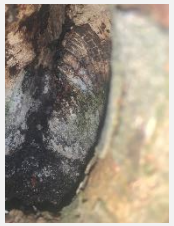
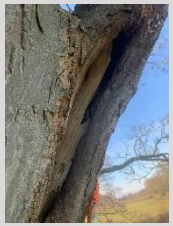
Eastern Corridor

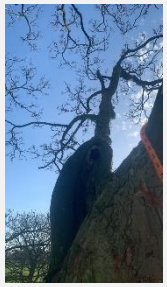
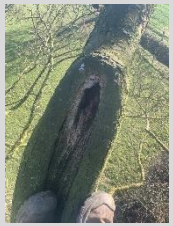
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
212		Alder	Mature tree on west of road next to fence with covering of ivy. Some branch dieback. Next to stream & culvert. Potential features: Snapped branch on south at 4m left open at end and hollow. Cavity could extend further into tree. Branch on north with 4 knotholes. May lead to cavities large enough for bats. On the northern aspect at 6-6.5m. Covering of ivy may mask features, cavities possible due to age of tree and damage on visible areas. Ivy at the base of the tree to 9m on all aspects.	17/08/2022	High No evidence recorded	Y	Active: 30/09/2022 Hibernation: N/A			Not safe to climb, on a road	High

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
215		Sycamore	Mature sycamore at edge of field. approx. 7m West of hedgerow into field. No features present and age condition of tree unlikely to have features hidden by ivy.	26/09/2022	Negligible No evidence recorded		Aerial not required				Negligible
216	 	Oak sp.	Mature oak tree at edge of road on west. With sycamore hedge at base. Potential features: Trunk crack at 7m on north/ centre. Main stem cracked off leaving crack into trunk that could be large feature. Extends downwards into trunk. Snapped branch with crack along branch and into trunk at 4m on the north aspect. Could provide a feature for a number of bats.	17/08/2022	High No evidence recorded	Y	N/A			Unsafe to climb, on road	High

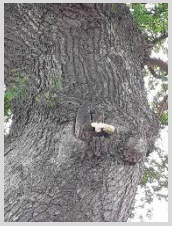
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			Knot hole with dead branch remaining. crack extends into trunk on the southwest aspect at 3m, could lead to cavity.								
220		Sycamore	Mature sycamore in hedgerow on east of road, just offset from road by mown grass. Potential features: Knot hole on west of trunk at approx. 7m. May lead to cavity.	17/08/2022	High No evidence recorded	Y	Active: 26/09/2022 Hibernation: 06/02/2023	220.1	Photo Unavailable	Limb tear-out, north facing: • Height: 8m • DPH: 25cm • Entrance height: 10cm • Entrance width: 7cm • Internal height: 30cm • Internal width: 7cm • Internal depth: 7cm Additional information: Wet, dome apex shape, with potential for nesting birds.	Confirmed
								220.2	Photo Unavailable	Knot hole in stem, west facing: • Height: 11m • DPH: 40cm • Entrance height: 7cm • Entrance width: 5cm Additional information:	

Eastern Corridor											
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										Complex cavity with multiple chambers, droppings at base, seen on endoscope. Cavity with 30cm of downward travel, and 30cm of upward travel in multiple directions.	
								220.3	Photo Unavailable	Knot hole in stem, north facing: • Height: 6m • DPH: 40cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 15cm Additional information: Tapering horizontal cavity with 15cm travel. Wet, open to the elements. More likely to be used by nesting birds, but suitable for single or low numbers of bats.	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								220.4	 	Knot hole in stem, west facing. • Height: 11m • DPH: 50cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 15cm • Internal width: 5cm • Internal depth: unknown Additional information: Small chambers within knot hole, cavity does not extend downwards. Dry, chambered apex shape with woodlice present. Suspected droppings at base, crumbled.	
								220.5		Tear-out in limb, south facing. • Height: 6m • DPH: 30cm • Entrance height: 50cm • Entrance width: 5cm • Internal height: 30cm • Internal width: 4cm • Internal depth: 30cm Additional information: Tear out with desiccated heartwood, feature extends upwards and downwards. Old birds nest at base.	

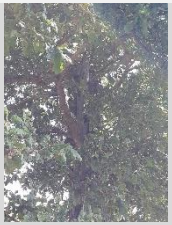
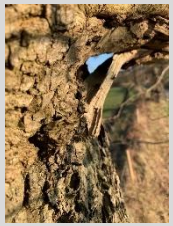
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								220.6		Tear-out on limb, north facing: • Height: 7m • DPH: 30cm • Entrance height: 9cm • Entrance width: 9cm • Internal height: 8cm • Internal width: 8cm • Internal depth: 20cm Additional information: Feature extends upwards along branch. Wet, tube apex shape with woodlice present.	
							Active: 26/09/2022 Hibernation: 06/02/2023	220.7		Tear-out on limb, north facing: • Height: 7m • DPH: 30cm • Entrance height: 15cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 20cm Additional information: Feature extends upwards, wet and dirty at end, spire apex shape.	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
221		Sycamore	Mature tree leaning over ditch with shoots at base. between two fences, approx. 10m east of road. Potential features: No access to field so can't inspect fully. A branch is snapped at 4m on south, can't confirm if holds features and could be other features present not visible from road.	17/08/2022	High No evidence recorded	Y	Active: 28/06/2023 Hibernation: 31/01/2023	221.1		Tear-out on limb, west facing: • Height: 3.5m • DPH: 20cm • Entrance height: 15cm • Entrance width: 4cm • Internal height: 15cm • Internal width: 2cm • Internal depth: 40cm Additional information: Damp, wedge-shaped crack along broken branch, most exposed but last 15cm towards stem is covered.	Low
230		Oak sp.	Mature oak on field boundary west of road and stream. Potential features: cavity in trunk on the northeast aspect at 4m left by dead branch. May lead to cavity. Crack left by pruning cut gives a small crevice on north aspect at 2.5m. Large cavity	17/08/2022	High No evidence recorded	Y	Active: 26/09/2022 Hibernation: 30/01/2023	230.1		Tear-out on limb, northeast facing: • Height: 4m • DPH: 0cm • Entrance height: 5cm • Entrance width: 3cm • Internal height: 4cm • Internal width: 3cm • Internal depth: 15cm Additional information: Dry, dome apex shape, with cobwebs and old birds nest present.	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
	 		in trunk from base to 2m on southwest aspect, may lead to smaller cavities or cracks extending into trunk.					230.2	Photo Unavailable	Pruning wound in limb at 3m, northeast facing. Not a PRF, no cavity.	
								230.3	Photo Unavailable	Trunk rot in stem, southwest facing: • Height: 2m • DPH: 0cm • Entrance height: 3cm • Entrance width: 3cm • Internal height: 2cm • Internal width: 2cm • Internal depth: 3cm Additional information: Hole in decayed bark. Dry, dome apex shape, with no evidence of nesting birds or roosting bats.	
233		Oak sp.	Semi-mature tree on north-east of Norman's Lane in fence line. Potential features: Hollow branch with several cracks where bats could	17/08/2022	High No evidence recorded	Y	Active: 26/09/2022 Hibernation: 30/01/2023	233.1		West facing cavity at end of dead branch: • Height: 3m • DPH: 0cm • Entrance height: 2cm • Entrance width: 7cm • Internal height: 5cm • Internal width: 60cm	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
	  		access on the west aspect at 3m. Tear out on trunk at 2 to 3m, no crevice at top but may lead downwards into tree. Branch cavity on east aspect at 4m may lead to hollow branch.							• Internal depth: 40cm Additional information: Cylindrical hollow in dead limb. Dry, tube apex shape, woodlice present. Downgraded from high to moderate on second visit due to increased rot and more light present.	
								233.2	Photo Unavailable	Tear-out in stem, west facing: • Height: 3m Additional information: Not a PRF, no cavity.	
								233.3	Photo Unavailable	Tear-out in limb, east facing: • Height: 6m Additional information: Not a PRF, no cavity.	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
											
236	 	Oak sp.	Semi-mature tree by fence line on roadside on east of Norman's Lane. Next to Tree 235. Potential features: Trunk cracked from base to 5m on northeast aspect. Cracks and crevices present that could provide shelter for a number of bats. Cavity extends to hollow dead stem with knot hole. Knot hole at 2m on	17/08/2022	High No evidence recorded	Y	Active: 26/09/2022 Hibernation: 13/02/2023	236.1	Photo Unavailable	Tear-out in stem, northeast facing: • Height: 0-5m • DPH: 0cm • Entrance height: 0cm • Entrance width: 0cm • Internal height: 500cm • Internal width: 10-30cm • Internal depth: 15cm Additional information: Either side of tear-out there are gaps of 1cm wide on eastern side and up to 10cm on western side. The feature is one large PRF with multiple access points so entrance dimensions not provided.	High

Eastern Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
	 		south east aspect, may lead to cavity.					236.2		Wound in stem, south facing: • Height:2m • DPH: 120cm • Entrance height: 18cm • Entrance width: 7cm • Internal height: 40cm • Internal width: 5cm • Internal depth: unknown Additional information: Feature extends upwards diagonally towards road. Dry, spire apex shape.	
								236.3		Bark-plate lifting in limb, south facing: • Height: 3.5m • DPH: 15cm • Entrance height: 3cm • Entrance width: 4cm • Internal height: 2cm • Internal width: 3cm • Internal depth: 5cm Additional information: Lifted bark at base of limb forming very small cavity. Low potential for a single bat.	
								236.4	Photo Unavailable	Knot hole in limb, southwest facing:	

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										• Height: 3m Additional information: Not a PRF, no cavity.	
237	 	Oak sp.	Mature oak on northeast of Norman's Lane. Just outside of boundary. Potential features: Knot hole on southeast at 3m. May lead to cavity. Vertical crack on main stem at 4 to 6m on the south aspect. Continues at 8 to 10m on west. May lead to crevices suitable for a number of bats.	17/08/2022	High No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	237.1		Knot hole in stem, southeast facing: • Height: 3m • DPH: 0cm • Entrance height: 7cm • Entrance width: 6cm • Internal height: 6cm • Internal width: 5cm • Internal depth: 15cm Additional information: Cavity extends downwards. Dry, dome apex shape with slugs and woodlice present.	Low
								237.2	Photo Unavailable	Crack in stem, southeast facing: • Height: 9m • DPH: 0cm • Entrance height: 30cm • Entrance width: 1cm • Internal height: 30cm • Internal width: 1cm • Internal depth: 1cm Additional information:	

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										1cm wide crack at 9m extends downwards 30cm into a small dome of 3x3cm.	
269		Sycamore	Semi-mature tree located within a hedgerow. Potential features: Two knot holes with cavities on the northwest and west aspects, both at approximately 4m high.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: 05/12/2022	269.1	Photo Unavailable	Knot hole in stem, northwest facing: • Height: 4m • DPH: 0cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 8cm • Internal width: 8cm • Internal depth: 25cm Additional information: Feature tapers to a cone, full of cobwebs and large spider present. Suitable for multiple bats.	Moderate
								269.2	Photo Unavailable	Knot hole in stem, west facing: • Height: 4m • DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 6cm • Internal width: 7cm • Internal depth: 25cm Additional information:	

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										Tapers to a cone, woodlice present, room for 2-3 bats.	
270		Sycamore	Semi-mature tree located within a hedgerow next to tree 269. Potential features: Knot hole northwest facing at approximately 6m high.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: 05/12/2022	270.1	Photo Unavailable	Tear-out in limb, northwest facing: • Height: 5m • DPH: 0cm • Entrance height: 10cm • Entrance width: 5cm • Internal height: 10cm • Internal width: 5cm • Internal depth: 20cm Additional information: Tapers to a cone horizontally. Spider present.	Moderate
								270.2	Photo Unavailable	Tear-out in stem, west facing: • Height: 3m • DPH: 0cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 9cm • Internal width: 9cm • Internal depth: 15cm Additional information: Quite exposed but could be used by 1-2 bats.	

Eastern Corridor											
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272		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Knot hole with desiccation on the western aspect which appears to go into a small cavity.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	272.1	Photo Unavailable	Knot hole in stem, southwest facing: • Height: 3m • DPH: 0cm • Entrance height: 4cm • Entrance width: 3cm • Internal height: 3cm • Internal width: 3cm • Internal depth: 10cm Additional information: Hole in former tear out. Woodlice present.	Low
273		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Knot hole on the west aspect with desiccation and cavity.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: 05/12/2022	273.1	Photo Unavailable	Knot hole in stem, southwest facing: • Height: 3.5m • DPH: 0cm • Entrance height: 15cm • Entrance width: 13cm • Internal height: 12cm • Internal width: 10cm • Internal depth: 20cm Additional information: Deadwood in knot hole has rotted away. The hole goes inwards horizontally 15cm but also upwards along the limb where a little owl is nesting so full depth unknown, very	High if owl absent

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										suitable feature for bats if owl was absent.	
								273.2	Photo Unavailable	Knot hole in stem, northwest facing: • Height: 3m • DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 10cm Additional information: Knot hole extends back a short distance. Dry, dome apex shape, no evidence of nesting birds or roosting bats.	
274		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Large hollow cavity in the main stem on the northwest aspect which may extend upward.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	274.1	Photo Unavailable	Heart-rot in stem, north facing: • Height: 3.5m • DPH: 0cm • Entrance height: 200cm • Entrance width: 15cm • Internal height: 200cm • Internal width: 20cm • Internal depth: 20cm Additional information: Hollow stem from 3.5 to 4.5m, dimensions vary but generally	Low

Eastern Corridor											
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										10-20cm wide and 15-20cm deep along the 200cm feature. Evidence of bird nesting. several entry points include a hole on the west side and southeast side. All lead to a hollow chamber which is quite exposed so of limited suitability.	
275		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Large cavity on the southeast aspect of the main stem. Desiccated branch and split on the west aspect.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	275.1	Photo Unavailable	Potential cavity from old tear out, southeast facing at 4m. There is no cavity present, whilst the heart wood is exposed the edges are sealed and there is no PRF	Negligible
								276.1	Photo Unavailable	Tear-out in limb, west facing at 4m. Not a PRF, no cavity present	Negligible

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
277		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Small cavity in main stem on west aspect around 2m high.	05/09/2022	Precautionary Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	277.1	Photo Unavailable	Cavity in stem, west facing: • Height: 2m • DPH: 0cm • Entrance height: 8cm • Entrance width: 1.5cm • Internal height: 5cm • Internal width: 3cm • Internal depth: 2cm Additional information: Small tubular cavity with slugs and woodlice.	Low
278		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Desiccated branch/knot hole on west aspect at approximately 9m high.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	278.1	Photo Unavailable	Possible knot hole in limb, west facing at 8m. Aerial confirmed no PRF present, heartwood branch sticks out of former broken limb but there is no cavity.	Negligible
280		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: east leading branch with Cavity and severe desiccation on east-reaching	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: 05/12/2022	280.1	Photo Unavailable	Possible cavity in stem at 3m, west facing. Aerial confirmed no PRF, cracks are open and exposed, no cavities formed	High
								280.2	Photo Unavailable	Knot hole in limb, west facing: • Height: 4.5m • DPH: 0cm • Entrance height: 20cm	

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			branch at union. Knot hole and desiccated branch on west aspect of south reaching branch.							• Entrance width: 5cm • Internal height: 10cm • Internal width: 4cm • Internal depth: 2cm Additional information: PRF extends upwards 10cm, no evidence of roosting seen.	
								280.3	Photo Unavailable	Knot hole in limb, east facing: • Height: 4m • DPH: 0cm • Entrance height: 10cm • Entrance width: 8cm • Internal height: 8cm • Internal width: 6cm • Internal depth: 1.35m Additional information: Cylindrical cavity extends downwards 85cm and upwards 50cm, excellent feature but no evidence of bats.	

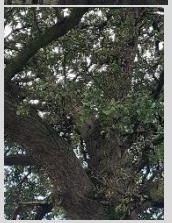
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
281		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Transverse snap on northeast reaching branch	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	281.1	Photo Unavailable	Transverse snap on stem at 6m, northeast facing. No cavity present	Negligible
282		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Large cavity in main stem with severe desiccation on northwest aspect.	05/09/2022	High No evidence recorded	Y	Active: 26/09/2022 Hibernation: 05/12/2022	282.1	Photo Unavailable	Large cavity in main stem, NW facing: • Height: 3m • DPH: 0cm • Entrance height: 200cm • Entrance width: 20cm • Internal height: 200cm • Internal width: 15cm • Internal depth: 10cm Additional information: Hollow in stem from 300 to 500cm, exposed heartwood with gaps to provide potential access points of 1cm either side. Some of the hollow is open and there is evidence of bird nesting, parts are open and superficial but some areas could be used by bats.	Moderate

Eastern Corridor											
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283		Oak sp.	On edge of arable field large mature tree which has partially fallen. Potential features: Large transverse snap and a cavity on northeast aspect of remaining standing stem.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: 05/12/2022	283.1	Photo Unavailable	Cavity formed after transverse snap, northeast facing: • Height: 4m • DPH: 0cm • Entrance height: 10cm • Entrance width: 15cm • Internal height: 9cm • Internal width: 12cm • Internal depth: 45cm Additional information: Tubular hollow within snapped stem, quite open but upwards facing and could be used opportunistically.	Moderate
284		Oak sp.	Located within a hedgerow. Potential features: desiccation and cavity on east aspect at approximately 4m.	05/09/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	284.1	Photo Unavailable	Large crack in stem, east facing: • Height: 3m Additional information: Crack is open with exception of two short sections which are open at either end so very limited suitability.	Negligible

Eastern Corridor											
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286		Oak sp.	Located within a hedgerow. Potential features: None seen however not visible all the way around.	05/09/2022	Precautionary Low No evidence recorded	N			Aerial not required		Low
287		Oak sp.	Located within a hedgerow. Potential features: None seen however not visible all the way around.	05/09/2022	Precautionary Low No evidence recorded	N			Aerial not required		Low
317		Unknown	No trees with bat roost potential along motorway. Viewed from field hy291.	15/09/2022	Negligible No evidence recorded	N			Aerial not required		Negligible

Eastern Corridor											
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319		Sycamore	No features present after closer inspection. Ivy is present but provides no bat features and the age and condition of tree unlikely to hold features hidden by ivy.	26/09/2022	Negligible No evidence recorded	N			Aerial not required		Negligible
320		Alder	Semi-mature alder with 4 stems. mostly appears dead but some shoots from lower south-western stem. Adjacent to pond. Just outside site boundary. Potential features: Knot hole on south aspect at 3m, leads downwards into trunk. Tree likely to hold trunk cavities/ decay as its partly dead.	26/09/2022	High No evidence recorded	Y	Active: N/A Hibernation: 24/01/2024*	320.1	Photo Unavailable	Unable to climb as standing deadwood	High

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
321	  	Oak sp.	Semi-mature oak in fence line in corner of field by gate. Potential features: Several knot holes; on east aspect at 6m and 9m, south aspect at 7m, west aspect at 3m and north aspect at 5m. Could lead to crevices suitable for a number of bats. Dead branch with cracks on south aspect at 6m. Also, smaller dead branch on north at 3m.	26/09/2022	High No evidence recorded	Y			Aerial no longer required		High No longer within survey area due to revised Preliminary Order Limits

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
323		Oak sp.	Tall, semi-mature oak on south of ditch. Potential features: Knot hole with dead branch on north aspect of trunk at 5m. Appears to lead to cavity at base. Also 2 on east aspect of south reaching branch.	26/09/2022	Moderate No evidence recorded	Y	Active: 11/10/2022 Hibernation: 05/12/2022	323.1	Photo Unavailable	Two know holes in limb, south facing: • Height: 6m • DPH: 0cm • Entrance height: 5cm • Entrance width: 6cm • Internal height: 30cm • Internal width: 7cm • Internal depth: 23cm Additional information: Two knot holes that link up on southwest leading limb, minor cavity at base of trunk is at ground level and does not extend more than a few cm and no PRF present.	Moderate
324		Oak sp.	Semi-mature oak in south of ditch, 3rd tree on west of post. Potential features: Cut branch stump on north aspect above branch at 4m. Cracks present which may lead to cavity. Cracked branch on south aspect at 5m. May	26/09/2022	High No evidence recorded	Y	Active: 11/10/2022 Hibernation: N/A	324.1	Photo Unavailable	Pruning cut in stem at 4m, north facing. No PRF, no cavities or other PRF in the pruning cut, cracks are open and exposed.	Negligible
								324.2	Photo Unavailable	Tear-out in limb at 5m, south facing. Broken branch has heartwood on the upper elevation but it is sealed, no PRF.	

Eastern Corridor											
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			provide cavity for a number of bats.								
326		Ash	Mature tree with some dieback at crown. 2nd tree west of post on south bank of ditch. Potential features: Snapped off branch on top of west branch at 6m. Cracks appear to lead onto branch.	26/09/2022	High No evidence recorded	Y	Active: 11/10/2022 Hibernation: N/A	326.1	Photo Unavailable	Tear-out on limb at 6m, west facing. Broken branch has cracks on the upper side but they're all superficial and no PRF is formed, there is also an upward facing knot hole at the base of the tear-out which is full of water and not a suitable PRF.	Negligible
327		Oak sp.	Semi-mature oak on southern Bank of ditch, 8m west of post. Potential features: Dead branch in centre of trunk, crevice leads down into tree on north aspect at 3m.	26/09/2022	High No evidence recorded	Y	Active: 11/10/2022 Hibernation: N/A	327.1	Photo Unavailable	Tear-out in stem, northeast facing: • Height: 3m • DPH: 0cm • Entrance height: 6cm • Entrance width: 6cm • Internal height: 0cm • Internal width: 6cm • Internal depth: 25cm Additional information: Small hole at base of tear out, extends downwards and is full of water.	Negligible

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
328		Alder	Semi-mature tree on southern bank of ditch, 2m west of corner of fence. Potential features: Rot hole on north aspect at 2m on north trunk. leads up into trunk.	26/09/2022	High No evidence recorded	Y	Active: 11/10/2022 Hibernation: 05/12/2022	328.1	Photo Unavailable	Tear-out in stem, northeast facing: • Height: 3m • DPH: 0cm • Entrance height: 23cm • Entrance width: 4cm • Internal height: 18cm • Internal width: 4cm • Internal depth: 15cm Additional information: Tear out extends upwards, woodlice at end of cavity.	Moderate
329		Alder	Alder with several stems on south Bank of ditch, north of wooden fence. Potential features: Cavity leading up into the trunk at 1.5m on north aspect of northern stem.	26/09/2022	High No evidence recorded	Y	Active: 11/10/2022 Hibernation: 05/12/2022	329.1	Photo Unavailable	Tear-out in stem, northeast facing: • Height: 1.5m • DPH: 0cm • Entrance height: 21cm • Entrance width: 7cm • Internal height: 16cm • Internal width: 4cm • Internal depth: unknown Additional information: Tear out extends upwards, spider at end of cavity.	Moderate

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
330		Oak sp.	Semi-mature tree located within a hedgerow. Potential features: Cavity on the north aspect of a east-reaching branch. Basal cavity in main stem on east aspect large bulge in stem suggesting leading to a large cavity. Knot hole on east aspect at approximately 5m high.	05/09/2022	High No evidence recorded	Y	Active: 26/09/2023 Hibernation: 05/12/2022	330.1	Photo Unavailable	Crack in limb, west facing: • Height: 3.5m • DPH: 0cm • Entrance height: 3cm • Entrance width: 3cm • Internal height: 2cm • Internal width: 2cm • Internal depth: 10cm Additional information: Crack is upwards facing and superficial but there is a small cavity at the top.	Moderate
								330.2	Photo Unavailable	Knot hole in limb, east facing: • Height: 4m • DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 6cm • Internal width: 6cm • Internal depth: 15cm Additional information: Knot hole goes in horizontally and slightly upwards.	

Eastern Corridor											
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331		Sycamore	Located within a hedgerow. Potential features: Small knot hole on southeast aspect approximately 4m high.	05/09/2022	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
355		Oak sp.	Along footpath near to field entrance point. Potential features: Knot hole on south aspect at 5m high, seems fairly superficial	23/01/2023	Low No evidence recorded	N			Aerial not required		Low
356	Photo Unavailable	Oak sp.	On side of footpath. Potential features: Dropped limb with desiccation on north aspect.	23/01/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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357		Oak sp.	Located in an overgrown field. Potential features: Tree has multiple small cankers and snapped branches around whole trunk.	23/01/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 30/01/2023	357.1		No PRFs identified, one upwards facing feature with negligible potential so not recorded	Negligible
358		Oak sp.	Located on a field boundary. Potential features: Thick ivy cover particularly at the base forming plates at approx. 1m on north aspect.	23/01/2023	Moderate No evidence recorded	Y	Active: 22/06/2023 Hibernation: 30/01/2023	358.1	 	Ivy on stem, east facing: • Height: 1m • DPH: 120cm • Entrance height: 20cm • Entrance width: 4cm • Internal height: 100cm • Internal width: 3cm • Internal depth: 50cm Additional information: Feature visible from roadside at 6m doesn't form a PRF. Ivy starting to come away, currently doesn't form a feature, but within time this could change.	Low

Eastern Corridor											
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								358.2		Tear-out in stem, west facing: • Height: 0.9m • DPH: 70cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 4cm • Internal width: 3cm • Internal depth: 2cm Additional information: Hole at base of old tear out. Dry, dome apex shape, mouse nest found within feature.	
359		Oak sp.	Located on the edge of a brook. Potential features: Limb with desiccation and a small cavity at union on southeast aspect at approx. 5m.	23/01/2023	Moderate No evidence recorded	Y	Active: 22/06/2023 Hibernation: 31/01/2023	359.1		Tear-out in stem, north facing: • Height: 5m • DPH: 80cm • Entrance height: 12cm • Entrance width: 10cm • Internal height: 20cm • Internal width: 7cm • Internal depth: 20cm Additional information: Hollow formed in old tear out, extends upwards. Dry, dome apex shape, woodlice present.	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								359.2		Bark-plate lifting on stem, north facing: • Height: 4.75m • DPH: 70cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 3cm • Internal width: 15cm • Internal depth: 3cm Additional information: Lifted bark around joint where limb is missing. Dry, flat apex shape with woodlice present.	
								359.3		Tear-out in stem, north facing: • Height: 4.5m • DPH: 80cm • Entrance height: 9cm • Entrance width: 13cm • Internal height: 7cm • Internal width: 15cm • Internal depth: 15cm Additional information: Dry, dome apex shape with woodlice present.	

Eastern Corridor

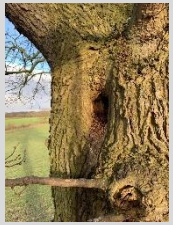
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
360		Oak sp.	Located on the edge of a brook. Potential features: Branch in top of canopy on northwest aspect with desiccation and small cavities at approx. 8m.	23/01/2023	Moderate No evidence recorded	Y	Active: 22/06/2023 Hibernation: 31/01/2023	360.1		Desiccation-fissure in limb, west facing: • Height: 8m • DPH: 20cm • Entrance height: 150cm • Entrance width: 7cm • Internal height: 150cm • Internal width: 10cm • Internal depth: 8cm Additional information: Desiccated limb, PRF open at times and partially closed with decayed bark.	Moderate
								360.2		Wound in limb, east facing: • Height: 4m • DPH: 40cm • Entrance height: 8cm • Entrance width: 8cm • Internal height: 0cm • Internal width: 15cm • Internal depth: 35cm Additional information: Old pruning cut wound with two entrances. Feature extends down. Dirty and damp at bottom of PRF, dry at top.	

Eastern Corridor											
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361		Oak sp.	Located at the field boundary. Potential features: Large trunk cavity on northwest aspect at approx. 2m.	23/01/2023	High No evidence recorded	Y	Active: N/A Hibernation: 24/01/2024	361.1	Photo unavailable	Limb tear out, northwest facing: • Height: 3m • DPH: 70cm • Entrance height: 40cm • Entrance width: 20cm • Internal height: 40cm • Internal width: 20cm • Internal depth: 60cm Additional information: Drops down into a flat base, no upward cavity. To the rear is a small rot hole that leads behind exposed heartwood, creating a small tube cavity. Currently dry space with dome shaped apex but very open to the elements. Owls roosting in box on neighbouring tree.	Low
362		Oak sp.	Large oak with barn owl box. Potential features: Large cavity in limb with desiccation on southeast aspect approx. 6m high.	23/01/2023	High No evidence recorded	Y	Active: 29/09/2023 Hibernation: 30/01/2023	362.1		Desiccation-fissure on limb, east facing: • Height: 6m • DPH: 70cm • Entrance height: 20cm • Entrance width: 6cm • Internal height: 30cm • Internal width: 7cm • Internal depth: 0cm Additional information:	High

Eastern Corridor											
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										Partially desiccated limb, woodlice at end of PRF. Precautionary High suitability due to survey restriction from occupied barn owl box.	
								362.2	Photo Unavailable	Owl in box situated on side of tree. Owl spotted whilst in company of the landowner. Not suitable to inspect due to potential owl having young.	
363		Oak sp.	Large tree with barn owl box. Potential features: Cavity on top side on northwest aspect on a west reaching branch approx. 5m high.	23/01/2023	High No evidence recorded	Y	Active: 27/09/2023 Hibernation: 30/01/2023	363.1		Desiccation-fissure on limb, east facing: • Height: 5m • DPH: 60cm • Entrance height: 100cm • Entrance width: 15cm • Internal height: 120cm • Internal width: 12cm • Internal depth: unknown Additional information: Partially desiccated limb, woodlice at end of PRF. Precautionary High suitability due to survey restriction from occupied barn owl box.	High
								363.2	Photo Unavailable	Owl in box situated on side of tree. Owl spotted whilst in company of the landowner. Not	

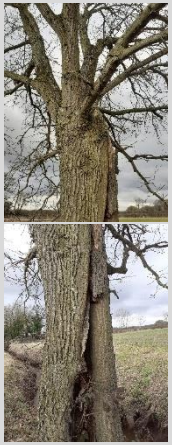
Eastern Corridor											
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										suitable to inspect due to potential owl having young.	
364		Oak sp.	Large tree with barn owl box. Potential features: Woodpecker hole on northwest aspect on south reaching branch at approx. 6m.	23/01/2023	High No evidence recorded	Y	Active: 27/09/2023 Hibernation: 30/01/2023	364.1		Woodpecker hole on stem, north facing: • Height: 5.5m • DPH: 110cm • Entrance height: 8cm • Entrance width: 7cm • Internal height: 15cm • Internal width: 10cm • Internal depth: 15cm Additional information: Dry, tube apex shape with old nesting bird material present. 2 young barn owls found deceased at the base of the tree on the second survey, looked to have been attacked by bird of prey. Precautionary High suitability due to survey restriction from occupied barn owl box.	High
								364.2	Photo Unavailable	Owl in box situated on side of tree. Owl spotted whilst in company of the landowner. Not suitable to inspect due to potential owl having young	

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
365		Oak sp.	Large tree with barn owl box. Potential features: Cavity just under the union on west aspect at 4m high.	23/01/2023	Moderate No evidence recorded	Y	Active: 27/09/2023 Hibernation: 30/01/2023	365.1		Desiccation-fissure in limb, east facing: • Height: 6m • DPH: 70cm • Entrance height: 20cm • Entrance width: 6cm • Internal height: 30cm • Internal width: 7cm • Internal depth: unknown Additional information: Dry, spire apex shape, woodlice at end of PRF. Precautionary High suitability due to survey restriction from occupied barn owl box.	High
								365.2	Photo Unavailable	Owl in box situated on side of tree. Owl spotted whilst in company of the land owner. Not suitable to inspect due to potential owl having young	
								365.3	Photo Unavailable	Tear-out on stem, west facing: • Height: 4m • DPH: 120cm • Entrance height: 10cm • Entrance width: 8cm • Internal height: 7cm • Internal width: 15cm	

Eastern Corridor											
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										• Internal depth: 25cm Additional information: Dry, dome apex shape.	
366		Willow sp.	Large ivy-covered mature tree on edge of pond. Potential features: Dense ivy cover and flaking bark across whole tree.	27/01/2023	Low No evidence recorded	N			Aerial not required		Low
367		Oak sp.	Mature ivy-covered tree on brook bank. Potential features: Dense Ivy cover obscuring potential features.	27/01/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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368		Oak sp.	Mature ivy-covered tree on brook bank. Potential features: Dense Ivy cover obscuring potential features.	27/01/2023	Low No evidence recorded	N			Aerial not required		Low
369		Oak sp.	Mature ivy-covered tree on brook bank. Potential features: Dense Ivy cover obscuring potential features.	27/01/2023	Low No evidence recorded	N			Aerial not required		Low
370		Oak sp.	Mature tree on brook bank. Potential features: Large tear out in the centre of the tree which could lead to cavity.	27/01/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 30/01/2023	370.1		None of the features previously identified form PRFs	Negligible

Eastern Corridor											
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371		Oak sp.	Semi-mature tree on brook bank with open cavity in trunk. Potential features: Open cavity in trunk may lead to hollow trunk	27/01/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 30/01/2023	371.1	 	Tear-out on stem, south facing: • Height: 2m • DPH: 80cm • Entrance height: 0cm • Entrance width: 15cm • Internal height: 20cm • Internal width: 18cm • Internal depth: 8cm Additional information: Dry, flat apex shape, woodlice present.	Low

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
465	 	Oak sp.	Located in field boundary hedgerow. Potential features: Snap out has caused cavity at 4m on west aspect which may extend into stem.	08/03/2023	Moderate No evidence recorded	Y	Active: 14/06/2023 Hibernation: N/A	465.1	Photo Unavailable	Oak tree in field boundary hedgerow, with minor areas of peeling bark. No suitable cavities.	Negligible

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
466	 	Oak sp.	Field boundary tree on corner of field. Potential features: Small cavity in branch at 4m on East aspect.	08/03/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits

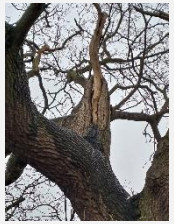
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
467	 	Oak sp.	Located in field boundary hedgerow. Potential features: Large cavity at 3m on south aspect of the trunk which extends into trunk plus deadwood in canopy.	08/03/2023	High No evidence recorded	Y			Aerial still required		High

Eastern Corridor											
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468	 	Oak sp.	Tree on ditch embankment. Potential features: Deadwood with cavity at 5m on northern aspect with lifted bark.	08/03/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
469	 	Oak sp.	Located in small strip of woodland on field boundary. Potential features: Split in deadwood branch at 6m on south aspect.	08/03/2023	Low No evidence recorded	N			Aerial not required		Low

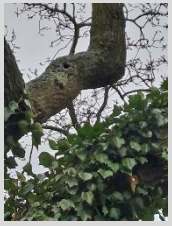
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
470	 	Oak sp.	Mature tree on field boundary. Potential features: Branch cavity at 6m on south aspect with cavity facing the floor.	08/03/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 08/01/2024	470.1	Photo unavailable	Rot hole on stem, south facing: • Height: 5m • DPH: 20cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 7cm • Internal width: 5cm • Internal depth: 40cm Additional information: Two Myotis bats seen at far end of cavity (40cm from entrance). Only a few droppings seen, indicating only low numbers roost here. The cavity is dry with smell of urine.	Confirmed
471	 	Oak sp.	Located in tree line on field boundary. Potential features: Bark split at 6m on south aspect.	08/03/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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472		Oak sp.	Small tree in boundary tree line. Potential features: Cavity in trunk at 5m on south aspect.	08/03/2023	High No evidence recorded	Y	Active: 14/06/2023 Hibernation: N/A	472.1	Photo Unavailable	Wound on stem, south facing: • Height: 4m • DPH: 20cm • Entrance height: 0cm • Entrance width: 0cm • Internal height: 10cm • Internal width: 5cm • Internal depth: 5cm Additional information: Dry, dome apex shape, minor enclosed cavity above rot hole and missing bark.	Low
473		Oak sp.	Located in field boundary tree line. Potential features: Three cavities on western aspect at 6, 7 and 9m that may extend into trunk.	08/03/2023	Moderate No evidence recorded	Y	Active: 14/06/2023 Hibernation: N/A	473.1		Oak tree in line of trees on field boundary, with no suitable cavities. Negligible.	Negligible

Eastern Corridor											
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474		Oak sp.	Located on northern field boundary. Potential features: Cavity in deadwood on northern aspect at 6m.	08/03/2023	Moderate No evidence recorded	Y	Active: 14/06/2023* Hibernation: N/A	474.1		Unsafe to climb as on main road.	Moderate
500	 	Oak sp.	Mature tree. Potential features: Dead branch with cavity where it meets the larger stem at 6m on the east aspect which may extend downwards.	14/03/2023	Moderate No evidence recorded	Y	Active: 27/06/2023 Hibernation: 18/01/2024	500.1		Callusing on stem, east facing: • Height: 4m • DPH: 30cm • Entrance height: 15cm • Entrance width: 5cm • Internal height: 15cm • Internal width: 5cm • Internal depth: 20cm Additional information: Small callusing below shallow features. Dry, tube apex shape, unable to fully inspect due to nesting bird in summer visit but in winter confirmed no evidence of bats.	Low

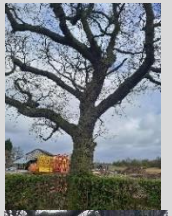
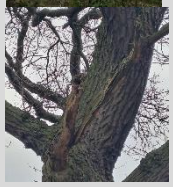
Eastern Corridor											
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501	 	Elder	Small tree with significant deadwood. approx. 3m tall. Potential features: Dead main stem hollowed out with cavity leading down and up.	14/03/2023	Low No evidence recorded	N			Aerial not required		Low
502		Elder	Old tree with significant deadwood failed stems. Potential features: Large cavity on main stem in deadwood at 1.5m on south aspect. Extends up and down.	14/03/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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504		Unknown	Ivy covered tree on embankment of stream. Potential features: Knot hole on east aspect at 3m which may extend into branch.	15/03/2023	Moderate No evidence recorded	Y	Active: 28/06/2023 Hibernation: N/A	504.1		Ivy cover does not make a feature. No notable PRFs.	Negligible
505		Oak sp.	Tree on stream embankment, light ivy cover. Potential features: no features seen from ground however no access to south aspect.	15/03/2023	Moderate No evidence recorded	Y	Active: 28/06/2023 Hibernation: N/A	505.1	Photo Unavailable	Ivy cover does not make a feature. No notable PRFs.	Negligible
506		Unknown	Mature tree on south side of stream, only accessed from North during survey, needs further inspection. Potential features: Snap outs and split beams on western aspect at 4 and 6m which may provide	15/03/2023	Moderate No evidence recorded	Y	Active: 28/06/2023 Hibernation: N/A	506.1	Photo Unavailable	Ivy cover does not make a feature. No notable PRFs.	Negligible

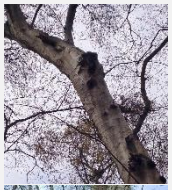
Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			crevices or further cavity space.								
545		Unknown	Near edge of plantation. Potential features: Small cavity above branch on southern aspect, may be shallow but can't see.	11/04/2023	Low No evidence recorded	N			Aerial not required		Low
546		Oak sp.	Tree on Lane, ivy clad trunk. Potential features: Knot hole 4m western facing, small holes, not obviously woodpecker, at 7m on the south aspect.	11/04/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 16/01/2024*	546.1	Photo Unavailable	Unable to climb as tree overhands a narrow 60mph road with traffic. Additional control measures required.	Moderate

Eastern Corridor											
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547		Oak sp.	Located on Lane, ivy clad trunk and branches. Potential features: No specific features but mature with ivy around whole trunk.	11/04/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
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548		Oak sp.	Located on Lane, ivy clad trunk and branches, approx. 20m tall. Potential features: Thick ivy stems south aspect, crack in limb on east aspect, both at 3m.	11/04/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 16/01/2024*	548.1	Photo Unavailable	Unable to climb as tree overhands a narrow 60mph road with traffic. Additional control measures required.	Moderate
549		Oak sp.	Located on lane, approx. 15m tall. Potential features: Knot hole at 7m, cavity in root at 30cm, both features on west aspect.	11/04/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 16/01/2024*	549.1	Photo Unavailable	Unable to climb as tree overhands a narrow 60mph road with traffic. Additional control measures required.	Moderate

Eastern Corridor											
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550	 	Oak sp.	Located in field boundary in hedgerow North of road. Potential features: Deadwood branch on south aspect at 3m, may not extend into the tree, could be superficial.	13/04/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor

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551	  	Birch	Mature birch in woodland. Potential features: Trunk cavity at 10m on east aspect plus branch cavity at 2.5m on south aspect.	19/04/2023	High No evidence recorded	Y	Active: 22/09/2023 Hibernation: N/A	551.1	Photo Unavailable	Rot hole on stem, south facing: • Height: 2m • DPH: 30cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 12cm Additional information: Less than 10cm of downward travel into a tapering cavity. Open to the elements, slugs at the base. Wet, dome apex shape with evidence of nesting birds. Not suitable for bats.	Low
								551.2	Photo Unavailable	Woodpecker hole on stem, north facing: • Height: 5m • DPH: 30cm • Entrance height: 7cm • Entrance width: 8cm • Internal height: 10cm • Internal width: 8cm • Internal depth: 15cm Additional information: Woodpecker hole to the north aspect with 15cm of downward travel. Nesting material to the	

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										base. Grey fur around the entrance of the hole. Potentially being used by a squirrel although not present at time of the survey. Dry, dome apex shape with some evidence of squirrel. Potential for low number of bats.	
552	 	Birch	Dead tree standing in woodland. Potential features: Cavity at base extending upwards, and split trunk at top of trunk at 10m on east aspect with possible crevice features.	19/04/2023	High No evidence recorded	Y			Aerial no longer required		High No longer within survey area due to revised Preliminary Order Limits

Eastern Corridor											
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553		Birch	Mature birch in woodland. Potential features: Cavity at 2m on south aspect from branch wound.	19/04/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
554		Birch	Woodland tree approx. 5m from field boundary. Potential features: Cavity at 3m on east aspect, possibly leading to larger cavity space within trunk.	19/04/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
555		Oak sp.	Tree on woodland, above field boundary ditch. Potential features: Tear out branch with split at 3m on south aspect, providing possible crevice space for day roost. Trunk cavity at 10m on east aspect.	19/04/2023	Low No evidence recorded	N			Aerial not required		Low

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556		Oak sp.	Multi-stemmed tree in woodland, lots of epicormic growth. Potential features: Former branch wound at 6m on south aspect. Trunk cavity at 10m on east aspect.	19/04/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
557	 	Oak sp.	Tree on edge on woodland adjacent to field boundary ditch. Potential features: Woodpecker hole in dead branch on north aspect at 12m.	19/04/2023	High No evidence recorded	Y	Active: N/A Hibernation: 25/01/2024	557.1	Photo Unavailable	Rot hole on limb, north facing: • Height: 9m • DPH: 15cm • Entrance height: 7cm • Entrance width: 7cm Additional information: Woodpecker test hole.	Negligible
558		Oak sp.	Tree on edge of woodland adjacent to field boundary ditch. Potential features: Cavity in trunk at 3m on south aspect, extending upwards, and stem wounds at 6-7m on south aspect open to the elements.	19/04/2023	High No evidence recorded	Y	Active: N/A Hibernation: 25/01/2024	558.1	Photo Unavailable	Tear out on stem, south facing: • Height: 3m • DPH: 40cm • Entrance height: 300cm • Entrance width: 50cm • Internal height: 400cm • Internal width: 50cm • Internal depth: 40cm Additional information: Open above and below. Tree is in poor condition. Feature is fully open and no suitable cavity.	Negligible

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559	 	Oak sp.	Tree on edge of woodland, above field boundary ditch. Potential features: Large branch tear out on north aspect at 4m, possibly leader to larger internal cavity.	19/04/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 25/01/2024	559.1	Photo Unavailable	Tear out on stem, north facing: • Height: 4m • DPH: 70cm • Entrance height: 70cm • Entrance width: 40cm • Internal height: 70cm • Internal width: 40cm • Internal depth: 20cm Additional information: Tear out with some small cavities around the callus. Small dry cavity suitable for a single bat with some potential for nesting birds.	Low
560		Oak sp.	Tree on edge of woodland above field boundary ditch. Potential features: Branch cavity at 6m on northern aspect. Woodpecker holes at 6m on north and west aspect of trunk.	19/04/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 25/01/2024	560.1	Photo Unavailable	Woodpecker hole on stem, north facing: • Height: 4m • DPH: 60cm • Entrance height: 7cm • Entrance width: 7cm • Internal height: 15cm • Internal width: 6cm • Internal depth: 10cm Additional information: Downward and upward travel. Dry, dome apex shape with potential for low number of bats	Moderate

Eastern Corridor											
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										and competition from nesting birds.	
								560.2	Photo Unavailable	Woodpecker hole on stem, south facing: • Height: 4m • DPH: 60cm • Entrance height: 6cm • Entrance width: 5cm • Internal height: 10cm • Internal width: 6cm • Internal depth: 1cm Additional information: Downward travel. Dry, dome apex shape with potential for low number of bats and competition from nesting birds.	
								560.3	Photo Unavailable	Woodpecker hole on stem, east facing: • Height: 4.5m • DPH: 60cm • Entrance height: 7cm • Entrance width: 7cm • Internal height: 12cm • Internal width: 6cm • Internal depth: 10cm Additional information:	

Eastern Corridor											
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										Upward travel. Dry, dome apex shape with potential for low number of bats and competition from nesting birds.	
								560.4	Photo Unavailable	Woodpecker hole on stem, west facing: • Height: 4.75m • DPH: 60cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 6cm • Internal depth: 10cm Additional information: Downward travel. Dry, dome apex shape with potential for low number of bats and competition from nesting birds.	
562		Oak sp.	Mature tree on roadside, approx. 15m high. Potential features: Snapped branch and hole in main branch at 3m.	20/04/2023	High No evidence recorded	Y	Active: 14/06/2023 Hibernation: 18/01/2024	562.1	Photo Unavailable	Rot hole on stem, east facing: • Height: 3.5m • DPH: 50cm • Entrance height: 25cm • Entrance width: 25cm • Internal height: 20cm • Internal width: 20cm • Internal depth: >100cm Additional information:	High

Eastern Corridor

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										Upward travel, feature cannot be fully inspected due to length of endoscope. No downward travel. Dry, with evidence of nesting birds.	
								562.2	Photo Unavailable	Snapped branch, east facing: • Height: 6m • DPH: 40cm • Entrance height: 20cm • Entrance width: 7cm • Internal height: 10cm • Internal width: 6cm • Internal depth: 25cm Additional information: 25cm of upward and 10cm of downward travel. Dry, tube apex shape with woodlice and cobwebs present.	
572		Oak sp.	Semi-mature tree on hedge and ditch line, approx. 8m tall. Potential features: Large tear out on southwest aspect, exposed heartwood with	02/05/2023	Moderate No evidence recorded	Y	Active: 28/06/2023 Hibernation: N/A	572.1		Large tear out on western aspect with rot hole, south facing: • Height: 2m • DPH: 80cm • Entrance height: 10cm • Entrance width: 20cm • Internal height: 8cm • Internal width: 8cm	Low

Eastern Corridor

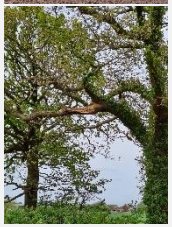
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
			numerous small holes, cracks and splits. May offer suitability for low numbers of bats.							• Internal depth: 30cm Additional information: Horizontal travel. 30cm Tapering Cavity. Dry tube apex shape, cobwebs present.	
								572.2	Photo Unavailable	Large tear out on western aspect with rot hole, south facing: • Height: 3m • DPH: 80cm • Entrance height: 10cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 30cm Additional information: Dry tube apex shape, cobwebs present.	
573		Oak sp.	Mature tree on ditch side. Potential features: Woodpecker hole on west aspect 6m high.	02/05/2023	Moderate No evidence recorded	Y	Active: 28/06/2023 Hibernation: N/A	573.1	Photo Unavailable	Rot hole in stem, east facing: • Height: 5m • DPH: 30cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 10cm	Negligible

Eastern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										Additional information: 10cm horizontal into a wet/damp cavity. Damp, tube apex shape, woodlice present.	
574		Oak sp.	Mature tree in hedgerow. Potential features: Small knot hole 2-3 metres high on north aspect, and large tear out with exposed heart wood northwest extending branch and cavity extending towards the stem, knot hole on north extending branch, frost crack on northwest extending branch with cavity.	02/05/2023	High No evidence recorded	Y	Active: 28/06/2023 Hibernation: N/A	574.1	Photo Unavailable	Knot hole in stem, north facing: • Height: 3m • DPH: 70cm • Entrance height: 15cm • Entrance width: 8cm • Internal height: 0cm • Internal width: 0cm • Internal depth: <5cm Additional information: Wood still present in knot hole, does not make a feature.	Negligible
								574.1	Photo Unavailable	Knot hole in stem, north facing: • Height: 4m • DPH: 70cm • Entrance height: 7cm • Entrance width: 6cm • Internal height: 0cm • Internal width: 0cm • Internal depth: <5cm Additional information: Wood still present in knot hole, does not make a feature.	

Eastern Corridor											
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								574.3	Photo Unavailable	Knot hole in limb, north facing: • Height: 0m • DPH: 60cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 4cm • Internal width: 4cm • Internal depth: 15cm Additional information: Open to elements, around 15cm of downward travel.	
								574.4	Photo Unavailable	Snapped limb, south facing: • Height: 5m • DPH: 60cm • Entrance height: N/A • Entrance width: N/A • Internal height: N/A • Internal width: N/A • Internal depth: N/A Additional information: Exposed heart wood, no suitable cavity.	

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575		Oak sp.	Potential features: Cavity in trunk on north side, at 1m extends up into trunk - cobwebs present.	02/05/2023	Moderate No evidence recorded	Y	Active: 28/06/2023 Hibernation: N/A	575.1	Photo Unavailable	Trunk cavity in stem, southeast facing: • Height: 0m • DPH: 30cm • Entrance height: 40cm • Entrance width: 15cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 15cm Additional information: Upward travel of approx 15cm into a tapering cavity. Small cavity suitable for single or low number of hibernating bats. Wet tube apex shape.	Low

Eastern Corridor											
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591	 	Oak sp.	Mature tree on roadside. DBH approx.1m, approx. 15m tall. Potential features: Snapped limb at 5m high on south aspect. Largely upwards facing and doesn't appear to have any crevices beyond superficial ones. Cannot see fully into canopy but tree of age and size that it could have some features.	03/05/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
592		Oak sp.	Mature roadside tree, 2 main branches off main trunk. DBH c.0.8m, approx. 15m tall. Potential features: Knot hole at 4m high on south reaching branch, south facing.	03/05/2023	Moderate No evidence recorded	Y	Active: 11/07/2023* Hibernation: N/A			Unsafe to climb	Moderate

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
593	 	Oak sp.	Mature roadside tree. DBH approx.0.7m, approx. 20m tall. Potential features: 3 snapped branches, one approx. 5m high extending south on south aspect of tree, one approx. 5m high extending west on west aspect of tree, one approx. 5m high extending east on east aspect of tree.	03/05/2023	Low No evidence recorded	N			Aerial not required		Low
594		Oak sp.	Mature roadside tree. DBH approx. 0.7m, approx. 13m tall. Potential features: Ivy cover over trunk and some branches around whole tree.	03/05/2023	Low No evidence recorded	N			Aerial not required		Low

Eastern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
595		Oak sp.	Approx. 15m tall mature tree, ivy clad trunk and limbs. Potential features: no obvious features but some ivy could provide opportunist roost.	03/05/2023	Low No evidence recorded	N			Aerial not required		Low
596		Oak sp.	Mature roadside tree. DBH approx. 0.5m, approx. 14m tall. Potential features: Ivy cover on main stem across whole tree.	03/05/2023	Low No evidence recorded	N			Aerial not required		Low

HyNet North West Hydrogen Pipeline

Delivering clean growth

Annex 5E 4
Bat Tree Survey Results: Southern Corridor

* Feature visited on this date but was unsafe to climb, so aerial inspection not completed

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
37		Sycamore	Mature tree in hedgerow. 12m+ tall. Potential features: Some lifting bark on branch on southwest side of tree, parallel to hedgerow. Shallow folds in trunk off potential single bat daytime roosts on the west and south aspects. All at 5m.	20/07/2022	Low No evidence recorded	N			Aerial not required		Low
38		Oak sp.	Mature oak, 12+m tall, in hedgerow on field boundary. Potential features: Broken branch ends on east and west aspects, on the west of the centre branch folded around	20/07/2022	Moderate No evidence recorded	Y	Active: 10/10/2022 Hibernation: 30/01/2023	38.1	Photo Unavailable	Wound on stem, north facing: • Height: 3.5m • DPH: N/A • Entrance height: 6cm • Entrance width: 6cm • Internal height: 0cm • Internal width: 5cm • Internal depth: 27cm	Moderate

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			possible crevice at 4m.							Additional information: Knot hole in stem, extends downwards, squirrel chewing around entrance. Dry, dome apex shape.	
								38.2	Photo Unavailable	Pruning wound on limb, south facing: • Height: 6.5m • DPH: N/A • Entrance height: 5cm • Entrance width: 30cm • Internal height: 0cm • Internal width: 35cm • Internal depth: 10cm Additional information: Hole in old pruning cut extends downwards. Dry, cone apex shape.	
								38.3	Photo Unavailable	Pruning wound on limb, south facing: • Height: 5m • DPH: N/A • Entrance height: 10cm • Entrance width: 9cm • Internal height: 0cm • Internal width: 7cm • Internal depth: 50cm Additional information:	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										Two holes in pruning wound only one forms a PRF. Dry, cone apex shape.	
39		Oak sp.	Mature tree, 12+m tall. Full leaf, in hedgerow field boundary. Potential features: Dead wood, lifting bark, branches in centre of crown. Northeast aspect of trunk has deadwood and lifting bark.	20/07/2022	Low No evidence recorded	N			Aerial not required		Low
40		Oak sp.	Mature tree in field boundary hedgerow 6+m tall. Potential features: Deadwood on end of branches on southwest aspect. Possible fissure in centre of tree where branches cross. Difficult to tell due to foliage and small branch growth at 6m.	20/07/2022	Moderate No evidence recorded	y	Active: 10/10/2022 Hibernation: N/A	40.1		Tear-out on limb, northeast facing: • Height: 3.5m • DPH: 35cm • Entrance height: 10cm • Entrance width: 3cm • Internal height: 10cm • Internal width: 4cm • Internal depth: 0cm Additional information: Feature open at bottom, extends upwards, damp and dirty. Damp, wedge apex shape, with woodlice present.	Low
41		Oak sp.	Mature tree in field boundary hedgerow,	20/07/2022	Moderate	Y	Active: 10/10/2022	41.1	Photo Unavailable	Tear-out on limb, northwest facing:	High

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			approx. 10+m tall. Potential features: Dead trunk and dead ivy trunks on northwest aspect, lifting bark branch on northeast aspect, all at 7m.		No evidence recorded		Hibernation: 30/01/2023			• Height: 5m • DPH: 32cm • Entrance height: 21cm • Entrance width: 6cm • Internal height: 100cm • Internal width: 12cm • Internal depth: 0cm Additional information: Tubular cavity top side of limb extends along south west leading branch, cannot endoscope past 1m, because sharp change in direction of PRF but likely joins higher PRF. Damp, tube apex shape.	
								41.2	Photo Unavailable	Tear-out on limb, east facing: • Height: 5m • DPH: 32cm • Entrance height: 1cm • Entrance width: 4cm • Internal height: 65cm • Internal width: 12cm • Internal depth: 100cm Additional information: Old tear out with small entrance leads into large horizontal hollow, joins lower PRF on same limb. Dry, tube apex shape, with woodlice present.	

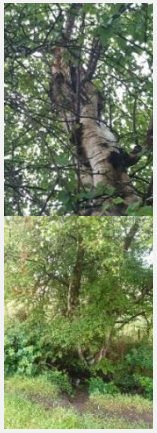
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
42	Photo Unavailable	Oak sp.	Semi-mature, bifurcated stem 10m+ tall. Potential features: Bark fold on upper side of south aspect at 7m.	20/07/2022	Low No evidence recorded	N			Aerial not required		Low
43		Oak sp.	Mature tree, 10m+ tall, in field boundary hedgerow. Potential features: Possible hollow dead branch on west aspect, deadwood on east aspect, dead ivy stems on northwest aspect, all 5m.	21/07/2022	Moderate No evidence recorded	Y	Active: 10/10/2022 Hibernation: N/A	43.1	Photo Unavailable	No suitable features found at height with the exception of light ivy cover with no suitability.	Negligible
65		Alder	Mature hedge tree. 8m tall. Potential features: Large cavity main stem, facing west.	22/07/2022	High No evidence recorded	Y	Active: 22/08/2022 Hibernation:24/01/2023	65.1		Tear-out on limb, west facing: • Height: 4m • DPH: 40cm • Entrance height: 5cm • Entrance width: 8cm • Internal height: 7cm • Internal width: 100cm • Internal depth: 8cm Additional information: Cavity extends along the branch 60cm and into stem 40cm where the tree is hollow. Dry, chambered apex shape.	Moderate

Southern Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
								65.2		Wound on stem, west facing: • Height: 3.5m • DPH: 100cm • Entrance height: 30cm • Entrance width: 8cm • Internal height: 150cm • Internal width: 40cm • Internal depth: 50cm Additional information: Main stem is hollow from around 300 to 450cm, multiple access points lead to same PRF. Damp, chambered apex shape, with an old bird's nest present.	
								65.3		Tear-out on limb, east facing: • Height: 5m • DPH: 40cm • Entrance height: 12cm • Entrance width: 7cm • Internal height: 100cm • Internal width: 10cm • Internal depth: 0cm Additional information: PRF extends upwards, formed at the top of an old tear out. Damp, chambered apex shape.	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
66		Silver birch	Large mature tree in hedge. 16m± tall. Potential features: Multiple cavities under trunk swellings. 3 counted at 1.5m around main stem. Only northwest side surveyed due to access.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation:24/01/2023	66.1		Butt-rot on stem, south facing: • Height: 1m • DPH: 150cm • Entrance height: 6cm • Entrance width: 5cm • Internal height: 100cm • Internal width: 40cm • Internal depth: 100cm Additional information: Large hollow in base of stem with hole amongst ivy. Potential for multiple bats but no evidence and no flight path in summer. Dry, tube apex shape.	Moderate
								66.2		Canker on stem, west facing: • Height: 2m • DPH: 150cm • Entrance height: 0cm • Entrance width: 3cm • Internal height: 5cm • Internal width: 3cm • Internal depth: 0cm Additional information: Dry, wedge apex shape.	

Southern Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
								66.3		Canker on stem, south facing: • Height: 2m • DPH: 150cm • Entrance height: 0cm • Entrance width: 3cm • Internal height: 5cm • Internal width: 3cm • Internal depth: 0cm Additional information: Dry, wedge apex shape.	
								66.4		Fluting on stem, north facing: • Height: 0.9m • DPH: 200cm • Entrance height: 15cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 3cm • Internal depth: 0cm Additional information: Dry, wedge apex shape.	

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
67		Silver birch	Growing on southeast side of stream. Potential features: Large branch failure on south-reaching branch at 5m. Deadwood present. Unable to get a good view; Small gaps around trunk base.	22/07/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation:24/01/2023	67.1		None of the features identified are PRFs.	Negligible
70		Oak sp.	Very large mature tree. 18m tall. Located on field boundary. Potential features: Large desiccated branch and transverse snap adjacent. Approx. 9m. East and West facing. Visible from NW side.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 (Unable to complete due to cows and bulls in field) Hibernation:23/01/2023	70.1		Desiccation-fissure on limb, west facing: • Height: 8m • DPH: 50cm • Entrance height: 15cm • Entrance width: 10cm • Internal height: 15cm • Internal width: 15cm • Internal depth: 0cm Additional information: Small chamber below squirrel drey on partially desiccated limb. Damp, tube apex shape.	Moderate

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
								70.2		Hazard-beam on limb, north facing. • Height: 8.5m • DPH: 30cm • Entrance height: 8cm • Entrance width: 25cm • Internal height: 20cm • Internal width: 80cm • Internal depth: 15cm Additional information: Squirrel drey. Dry, tube apex shape.	
71		Hawthorn	Group of 4 trees on field boundary. Potential features: No PRFs noted.	<Null>	Negligible No evidence recorded	N				Aerial not required	Negligible

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
73		Aspen	Mature tree. 10m tall. Potential features: Failed south-reaching branch at 8m. Recent.	22/07/2002	Low No evidence recorded	N			Aerial not required		Low
75	Photo Unavailable	Poplar	20m tall on embankment slope. Potential features: Broken branch on south aspect. Underside cavity at 6m.	22/07/2002	Moderate No evidence recorded	Y	Active: 11/08/2022 Hibernation:24/01/2023	75.1	Photo Unavailable	Split in limb, southwest facing: • Height: 10m • DPH: 30cm • Entrance height: 10cm • Entrance width: 40cm • Internal height: 10cm • Internal width: 40cm • Internal depth: 10cm Additional information: Split on underside of limb leading into linear cavity with domed chamber at one end. Dry, domed apex shape with evidence of nesting birds.	Moderate No longer within survey area due to revised Preliminary Order Limits
								75.2		Split in limb, southeast facing:	

Southern Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										• Height: 10m • DPH: 30cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 10cm • Internal width: 30cm • Internal depth: 10cm Additional information: Split on underside of limb leading into linear cavity with domed chamber at one end. Dry, domed apex shape with evidence of nesting birds.	
								75.3		Tear-out in limb, west facing: • Height: 10m • DPH: 50cm • Entrance height: 10cm • Entrance width: 12cm • Internal height: 8cm • Internal width: 10cm • Internal depth: 90cm Additional information: Tear out at end of limb appears as broken limb from ground. Dry, tube apex shape with evidence of nesting birds. Not found in previous survey.	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								75.4		Desiccation-fissure in limb, south facing: • Height: 10m • DPH: 30cm • Entrance height: 10cm • Entrance width: 40cm • Internal height: 10cm • Internal width: 40cm • Internal depth: 10cm Additional information: Linear cavity with small chamber. Dry, dome apex shape with evidence of nesting birds.	
								75.5		Tear-out in limb, south facing: • Height: 10m • DPH: 30cm • Entrance height: 7cm • Entrance width: 10cm • Internal height: 6cm • Internal width: 15cm • Internal depth: 0cm Additional information: Cavity on underside of, split leading to small cavity, possible old birds' nest in split. Dry, spire apex shape with evidence of nesting birds.	
76		Unknown	Dead tree with 2 stems on field	22/07/2002	Moderate	Y	Active: 30/09/2022	76.1	Photo Unavailable	Cavity in desiccated limb on stem, south facing:	Low

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			boundary, 8m tall. Potential features: Cavity on upper side of secondary stem at 4m. Failed branch of main stem with potential cavity at 5m. Upright branch.		No evidence recorded		Hibernation: N/A			• Height: 3m • DPH: 0cm • Entrance height: 10cm • Entrance width: 5cm • Internal height: 15cm • Internal width: 3cm • Internal depth: 25cm Additional information: Branch completely hollow from ivy up at about 3m, cannot fully endoscope branch as not accessible but majority inspected, cavity extends up and narrows and is wet and dirty, extends downwardly also where an old bird's nest is present, this section is dry. Wet and dry, tube apex shape with evidence of nesting birds.	
								76.2	Photo Unavailable	Transverse snap on stem, south facing: • Height: 4m • DPH: 0cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 0cm • Internal width: 10cm • Internal depth: 10cm Additional information:	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										Open, upwards facing cavity full of water. Wet, dome apex shape.	
77		Aspen	Aspen tree 10m tall. Located on field boundary on the edge of a woodland block. Potential features: Cavity on main trunk. North facing. 1.5m high. Also dedicated limb with possible cavity at 1.5m.	22/07/2002	High No evidence recorded	Y	Active: 22/08/2022 Hibernation: 23/01/2023	77.1	Photo Unavailable	Knot hole on stem, northwest facing: • Height: 1.5m • DPH: 40cm • Entrance height: 10cm • Entrance width: 5cm • Internal height: 70cm • Internal width: 15cm • Internal depth: 15cm Additional information: Main stem cavity 70cm up, 10cm down. Dry, dome apex shape with evidence of nesting birds and squirrels. Big enough to support larger numbers of bats.	High
								77.2		Knot hole on stem, west facing: • Height: 1.5m • DPH: 40cm • Entrance height: 9cm • Entrance width: 5cm • Internal height: 80cm • Internal width: 15cm • Internal depth: 10cm Additional information: Excellent feature but no evidence of bats. Damp, tube apex shape	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										with evidence of nesting birds and squirrels.	
								77.3		Knot hole on limb, east facing: • Height: 1.75m • DPH: 20cm • Entrance height: 4cm • Entrance width: 5cm • Internal height: 15cm • Internal width: 3cm • Internal depth: 0cm Additional information: Knot hole on fallen limb. Damp, spire apex shape.	
78	Photo Unavailable	Sycamore	20m tall on a canal embankment. Potential features: Knot hole at 6m, south aspect of branch.	22/07/2002	Precautionary Moderate No evidence recorded	Y	Active: 11/08/2022 Hibernation: N/A	78.1	Photo Unavailable	Knot hole on limb, south facing: • Height: 4m • DPH: 35cm • Entrance height: 7cm • Entrance width: 7cm • Internal height: 7cm • Internal width: 7cm • Internal depth: 20cm Additional information: Knot hole on side of diagonal limb to south side of tree. Tapering Horizontal cavity. Dry, cone apex shape with evidence of nesting birds. Open to the elements, unlikely to be used by roosting bats.	Negligible

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
								78.2	Photo Unavailable	Knot hole on stem, south facing: • Height: 4m • DPH: 40cm • Entrance height: 15cm • Entrance width: 10cm • Internal height: 15cm • Internal width: 10cm • Internal depth: 15cm Additional information: Upward facing cone shaped cavity, open to the elements. Dry, cone apex shape, evidence of nesting birds.	
79		Pine	Large mature pine tree at corner field boundary. Potential features: Large failed northeast-reaching branch. Potential for small gaps but very exposed.	<Null>	Negligible No evidence recorded	N		Aerial not required			Negligible
80	Photo Unavailable	Sycamore	Ivy clad, 12m tall. Potential features: Ivy hiding features across the whole tree.	22/07/2022	Moderate No evidence recorded	Y	Active: 11/08/2023 Hibernation: N/A	80.1	Photo Unavailable	Ivy cover on main stem from base. Ivy does not cover any other roosting features and does not form a suitable roosting feature itself.	Negligible No longer within survey area due to revised Preliminary Order Limits

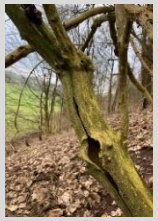
Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
81		Elder	Tree with considerable deadwood and some regen growth. Potential features: Knot hole at 1.5m on west aspect of main stem. Not visible from field. Several failed dead branches with cavities.	22/07/2022	High No evidence recorded	Y	Active: 22/08/2022 Hibernation:23/01/2023	81.1	Photo Unavailable	Knot hole on stem, west facing: • Height: 1.5m • DPH: 25cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 40cm • Internal width: 15cm • Internal depth: 15cm Additional information: Knot hole at 1.5m on west side into dry cavity with multiple small chambers, and secondary entrance on east side. At least 40 cm of upward travel, 10cm downward. No droppings present, smooth sides, multiple chambers could not be fully inspected.	High

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								81.2		Knot hole on stem, west facing: • Height: 1.5m • DPH: 25cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 30cm • Internal width: 15cm • Internal depth: 40cm Additional information: Two entrance holes into PRF, one faces west and one east. 30cm apart. Damp, tube apex shape.	
								81.3	Photo Unavailable	Desiccation-fissure in limb, east facing: • Height: 1.2m • DPH: 20cm • Entrance height: 25cm • Entrance width: 2cm • Internal height: 50cm • Internal width: 12cm	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										• Internal depth: 70cm Additional information: Damp, tube apex shape.	
82		Elder	Dead tree with some regeneration growth located on bank between field and golf course. Potential features: Cavity on main stem at 1m. Possibly limited but goes down.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation: N/A	82.1		Knot hole on stem, north facing: • Height: 1m • DPH: 10cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 7cm • Internal width: 1cm • Internal depth: 10cm Additional information: Minor main stem cavity with slugs and nesting birds present. Dry, tapering apex shape. Small cavity with minor upward travel in thin crack. Too small above, lower cavity open to elements.	Negligible
83		Elder	Small tree with deadwood on bank between field and golf course. Potential features: Cavity on north-reaching branch at 1m. Downward facing. Goes up.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation:23/01/2023	83.1	Photo Unavailable	Knot hole in limb, north facing: • Height: 1.5m • DPH: 10cm • Entrance height: 10cm • Entrance width: 5cm • Internal height: 40cm • Internal width: 4cm • Internal depth: 4cm Additional information:	Moderate No longer within survey area due to revised Preliminary Order Limits

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										Tapering cavity running from split toward tip of branch. Dry inside packed with woodlice. Could be used by lower number of day roosting bats.	
								83.2		Desiccation-fissure in limb, south facing: • Height: 1.5m • DPH: 10cm • Entrance height: 10cm • Entrance width: 5cm • Internal height: 40cm • Internal width: 4cm • Internal depth: 4cm Additional information: Feature on desiccated branch extends and tapers upwards. Dry, spire apex shape.	Moderate
84		Elder	Dead tree. Thin trunk. Potential features: 2 cavities, one on each stem at 1.75m. North facing. Fairly exposed and limited in size.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation:23/01/2023	84.1	Photo Unavailable	Knot hole on stem, north facing: • Height: 1.5m • DPH: 7cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 100cm • Internal width: 4cm • Internal depth: 4cm Additional information: Tapering cavity leading upward along stem. Less than 2cm after	Moderate

Southern Corridor											
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										20cm along the feature. Dry, tapering apex shape with evidence of nesting birds. Could be used by lower number of day roosting bats.	
								84.2	Photo Unavailable	Knot hole on stem, north facing: • Height: 1.5m • DPH: 7cm • Entrance height: 30cm • Entrance width: 5cm • Internal height: 100cm • Internal width: 5cm • Internal depth: 5cm Additional information: Tapering cavity leading upward along stem. Less than 2cm after 20cm along the feature. Dry, tapering apex shape with evidence of nesting birds. Could be used by lower number of day roosting bats.	
								84.3		Desiccation-fissure on limb, north facing: • Height: 1m • DPH: 10cm • Entrance height: 4cm • Entrance width: 3cm • Internal height: 15cm • Internal width: 5cm	

Southern Corridor											
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										• Internal depth: 20cm Additional information: Damp, tube apex shape.	
								84.4		Desiccation-fissure on limb, north facing: • Height: 1.3m • DPH: 10cm • Entrance height: 0cm • Entrance width: 4cm • Internal height: 40cm • Internal width: 3cm • Internal depth: 0cm Additional information: Damp, spire apex shape.	

Southern Corridor											
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85		Pine	Large mature pine at top of bank near to large Sycamore. Potential features: appears to be large cavity on main stem at 7m. Northwest facing. Unable to see if it goes anywhere from ground.	22/07/2022	High No evidence recorded	Y	Active: 22/08/2022 Hibernation: N/A	85.1	Photo Unavailable	Tear-out on stem, north facing: • Height: 8m • DPH: 40cm • Entrance height: 10cm • Entrance width: 4cm • Internal height: 10cm • Internal width: 4cm • Internal depth: 3cm Additional information: Tear out with no suitable cavity.	Negligible No longer within survey area due to revised Preliminary Order Limits

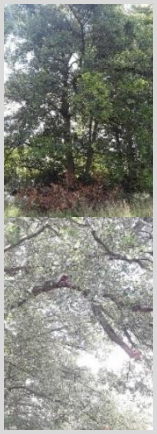
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
86		Sycamore	Thin upright tree. 9m tall. Located on steep bank. 7m away from Tree 85. Potential features: Appears to be cavity on main stem. Northwest facing at 7m. Unable to clearly see from ground with rain and no torch.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation: N/A	86.1	Photo Unavailable	Tear-out on stem, northwest facing: • Height: 10m • DPH: 20cm • Entrance height: 10cm • Entrance width: 4cm • Internal height: 10cm • Internal width: 4cm • Internal depth: 3cm Additional information: Tear out with no suitable cavity.	Negligible No longer within survey area due to revised Preliminary Order Limits
87		Oak sp.	12m tall Oak in field boundary. Potential features: Split up main trunk on the south aspect.	22/07/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: N/A	87.1	Photo Unavailable	Desiccation on stem, south facing: • Height: 2.5m • DPH: 0cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 3cm • Internal width: 3cm • Internal depth: 2cm Additional information: Rot in trunk on south side, small hole of 5x4 at the top, extends downwards 4cm and upwards 3cm. Dry, dome apex shape.	Low No longer within survey area due to revised Preliminary Order Limits

Southern Corridor											
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88		Oak sp.	15m tall Oak, field boundary. Potential features: Dead split branch on southeast side. Underside cavity opening at 15m.	22/07/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 Hibernation: N/A	88.1	Photo Unavailable	Knot hole on stem, east facing: • Height: 2.5m • DPH: 0cm • Entrance height: 15cm • Entrance width: 15cm • Internal height: 20cm • Internal width: 20cm • Internal depth: 35cm Additional information: Two interlinked knot hole with squirrel drey. Dry, cone apex shape.	Low No longer within survey area due to revised Preliminary Order Limits
								88.2	Photo Unavailable	Dead desiccated branch, southeast facing: • Height: 2.5m Additional information: Holes go through either side, open and exposed and no suitable PRF present, desiccated branch is very loose.	
89		Silver birch	Mature tree approx. 10m tall. Leaning Northeast. Potential features: No cavities visible. Main stem as depressions typical of birch trees that could offer temporary shelter for single	22/07/2022	Precautionary moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation: N/A	89.1		Fluting on stem, north facing. All open to the elements no suitable cavities.	Negligible No longer within survey area due to revised Preliminary Order Limits

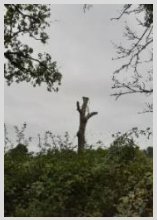
Southern Corridor											
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			bats. However, quite exposed.								
90		Sycamore	Large mature multi-stemmed tree at top of bank slope. 12m+ tall. Potential features: Northwest slit in stem at 1m. Opens into cavity above and goes up.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation: N/A	90.1		Split on stem, west facing: • Height: 1m • DPH: 40cm • Entrance height: 60cm • Entrance width: 3cm • Internal height: 5cm • Internal width: 3cm • Internal depth: 2cm Additional information: Split in main stem with minor cavity above. Dry, tapering apex shape with slugs and woodlice present.	Negligible No longer within survey area due to revised Preliminary Order Limits
91		Sycamore	Small tree 6m tall. Middle of slope. Leans Southeast. Potential features: Small cavity on main stem southeast facing. Appears very narrow. May go up into branch. At 1.5m. Limited space.	22/07/2022	Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation: N/A	91.1		Split on stem, southeast facing: • Height: 2m • DPH: 20cm • Entrance height: 15cm • Entrance width: 5cm • Internal height: 7cm • Internal width: 2cm • Internal depth: 2cm Additional information: Y shaped split in bark with minor upward cavity, filled with woodlice.	Negligible No longer within survey area due to revised Preliminary Order Limits

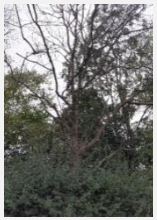
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
92		Unknown	Possibly dead tree with ivy covering obscuring trunk and upper branches. Located on roadside opposite footpath crossing. Potential features: Ivy may be obscuring features.	22/07/2022	Precautionary Moderate No evidence recorded	Y	Active: 22/08/2022 Hibernation: N/A	92.1	Photo Unavailable	Ivy on stem, across whole stem. Ivy clad from base to top of crown. Ivy tight against tree. Not making any suitable features. Tree cannot be fully inspected due to poor condition.	Negligible
130		Oak sp.	Mature oak in fair condition (some signs of stress, epicormic and basal growth, etc). 100cm DBH. Likely more features that cannot be seen given dense leaves. Potential features: Cavity in bough at historic pruning cut. 15cm opening and appears to lead deeply in.	18/08/2022	High No evidence recorded	Y	Active: 20/10/2022 Hibernation: N/A	130.1	Photo Unavailable	Tree downgraded following climb, feature did not extend as far as first thought, suitable for use by one bat at most.	Low

Southern Corridor											
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138		Alder	Mature alder with dead bough, leaning over brook. Potential features: Woodpecker hole in east aspect of dead bough at 4m. Possible staining, could not inspect further as leaning over brook. Not safe to climb.	18/08/2022	High No evidence recorded	Y	Active: N/A Hibernation: N/A			Unsafe to climb	High
139		Alder	Mature alder on bank of brook. 120cm DBH (combining the three leading stems). Potential features: Woodpecker hole at 8m on northeast aspect but no further features seen.	18/08/2022	Moderate No evidence recorded	Y	Active: N/A Hibernation: 10/01/2024	139.1	Photo Unavailable	Woodpecker hole on stem, northeast facing: • Height: 4m • DPH: 30cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm Additional information: Woodpecker test hole with very little travel.	Negligible

Southern Corridor											
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140		Alder	Mature alder on north bank of brook. 100cm DBH (combined diameter of two leading stems). Potential features: Northeast-reaching broken branch at 6m with a couple of small fissures at broken elbow. Suitable for individual or small number of bats on irregular basis only.	18/08/2022	Low No evidence recorded	N			Aerial not required		Low
141		Oak sp.	Mature tree. Potential features: Number of broken branches on west and south aspects at 10-12m with splits suitable for small numbers on transient basis.	18/08/2022	Low No evidence recorded	N			Aerial not required		Low
174		Ash	Large partially dead Ash tree, with old ivy cover. around 30m in height within hedgerow on side of the road. Potential features: Large hole where main branch	18/08/2022	High No evidence recorded	Y	Active: N/A Hibernation: 22/01/2024 *	174.1	Photo Unavailable	Unsafe to climb as overhanging the road	High

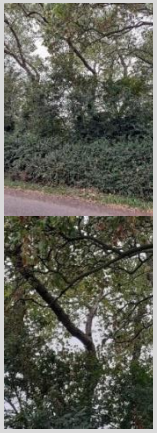
Southern Corridor											
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			has broken off, big cavity.								
175		Ash	Large partially dead Ash tree with old ivy cover. 10m in height. Potential features: Large tear out on road side likely leads to large internal cavity.	18/08/2022	High No evidence recorded	Y	Active: 26/09/2022 *Hibernation: N/A	175.1	Photo Unavailable	Unsafe to climb	High
176		Oak sp.	Mature partially dead oak tree within hedgerow next to road, 20m in height. Potential features: Dead branches, flaking bark, internal cavity possible.	18/08/2022	High No evidence recorded	Y	Active: 20/10/2022 *Hibernation: N/A	176.1	Photo Unavailable	Unsafe to climb	High
177		Oak sp.	Semi-mature oak tree on roadside, 10m in height. Potential features: Tear out in main trunk and large hole could lead to a cavity.	18/08/2022	High No evidence recorded	Y	Active: 28/09/2022 Hibernation: 25/01/2023	177.1	Photo Unavailable	Tear-out on stem, west facing: • Height: 4m • DPH: 0cm • Entrance height: 7cm • Entrance width: 8cm • Internal height: 6cm • Internal width: 7cm • Internal depth: 60cm Additional information: Tubular shaped cavity extends upwards to 60cm formed in old	High

Southern Corridor											
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										tear-out. Excellent feature but no bat evidence.	
								177.2	Photo Unavailable	Checked from the ground only, on the side of a road, unsafe to climb	
178		Oak sp.	Semi-mature oak in roadside hedge, ivy cover. Potential features: Ivy cover obscuring potential features.	18/08/2022	Precautionary moderate No evidence recorded	Y	Active: N/A Hibernation:25/01/2023*	178.1	Photo Unavailable	Checked from the ground only, on the side of a road, unsafe to climb	Low
179		Unknown, likely oak looking at bark	Large mature dead tree in middle of field. Potential features: Large cavity, likely hollow trunk.	18/08/2022	High No evidence recorded	Y	Active: 26/09/2022 *Hibernation: N/A	179.1	Photo Unavailable	Unsafe to climb	High
180		Ash	Partially dead Ash tree on roadside, partially dead. Potential features: Ivy covering potential features.	18/08/2022	Precautionary moderate No evidence recorded	Y	Active: N/A Hibernation:25/01/2023*	180.1	Photo Unavailable	Checked from the ground only, on the side of a road, unsafe to climb	Low

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181		Oak sp.	Mature large oak tree on roadside, Ivy covered trunk, over 30m on height, large canopy. Potential features: Ivy cover and foliage obscuring potential features.	18/08/2022	Moderate No evidence recorded	Y	Active: 26/09/2022 * Hibernation: N/A	181.1	Photo Unavailable	Unsafe to climb. Ivy very dense and climb isn't effective as features likely to be concealed and can't be found from climbing with any accuracy.	Moderate
182		Ash	Dead young Ash tree on other side of hedge. Potential features: Crack along branch on east aspect at 3m, could provide cover for a small number of bats.	17/08/2022	Low No evidence recorded	N	Aerial not required				Low
183		Poplar	Tall poplar in strip of woodland approx. 5m west of road. Potential features: knot hole at 8m on east. May lead to cavity. Could also be other features as no access so viewed from road.	17/08/2022	High No evidence recorded	Y	Active: 06/06/2023 Hibernation: N/A	183.1	Photo Unavailable	Unable to fully inspect as nesting birds seen using the feature. Access not granted in winter.	Moderate

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184		Poplar	Tall poplar, north of Tree 183 in woodland. viewed across hedge. Potential features: Knot hole on east at 9m may lead to cavity.	17/08/2022	High No evidence recorded	Y	Active: 06/06/2023 Hibernation: N/A	184.1	Photo Unavailable	Ivy cover across stem from base to 10m. Slight delamination at 6m and 9m.	Low
185		Poplar	Mature tree in woodland over hedgerow. Recommended getting access to woodland. Potential features: May have suitable features due to size of tree but can't confirm as view obscured by foliage.	17/08/2022	High No evidence recorded	Y			Aerial still required		High
186		Poplar	Tall poplar in woodland, between 2 poplars. Potential features: Snapped branch at 9m on east, may be features not visible from road.	17/08/2022	High No evidence recorded	Y			Aerial still required		High

Southern Corridor

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187		Poplar	Potential features: Snapped off branch at 8m on north aspect, could provide feature, also could be other features visible from other side.	17/08/2022	High No evidence recorded	Y	Active: 06/06/2023 Hibernation: N/A	187.1	Photo Unavailable	Deadwood in limb, north facing: • Height: 8m • DPH: 40cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: 8cm • Internal width: 5cm • Internal depth: 10cm Additional information: Wet, flat apex shape. Feature full of water.	Negligible
188		Poplar	Tall poplar in woodland, set back from road, viewed over hedge. Potential features: View of tree obscured by vegetation, tree similar in age to the trees adjacent with features present.	17/08/2022	High No evidence recorded	Y			Aerial still required		High

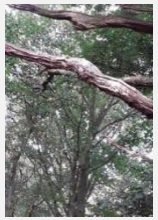
Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
240		Oak sp.	Mature oak on field edge. Potential features: Broken branches on northwest aspect, could be hollow and lead to larger cavity.	01/09/2022	Moderate No evidence recorded	Y	Active: 04/10/2022 Hibernation: N/A	240.1	Photo Unavailable	All features are superficial	Negligible
241		Oak sp.	Mature ivy-clad oak tree in hedgerow. Potential features: Ivy-clad obscuring potential features, hollow branch on northwest aspect.	01/09/2022	High No evidence recorded	Y	Active: 04/10/2022 Hibernation: N/A	241.1	Photo Unavailable	Dead branch, northwest facing: • Height: 6m Additional information: There is no cavity formed, the dead branch has some minor peeling bark but no PRF is formed, branch very loose and likely to fall off soon.	Low
								241.2	Photo Unavailable	Hazard beam on limb, south facing: • Height: 6m • DPH: 0cm • Entrance height: 5cm • Entrance width: 25cm • Internal height: 15cm • Internal width: 6cm • Internal depth: 0cm Additional information: Hazard beam with small cavity at base. Dry, wedge apex shape.	

Southern Corridor											
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								241.3	Photo Unavailable	Hazard beam on limb, south facing: • Height: 6m • DPH: 0cm • Entrance height: 60cm • Entrance width: 14cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 0cm Additional information: Cavity at top of hazard beam extends upwards. Dry, wedge apex shape.	
242		Oak sp.	Mature oak in corner of field, ivy clad. Potential features: Ivy may be obscuring potential features, ivy branches form suitable crevices.	01/09/2022	Moderate No evidence recorded	Y	Active: 04/10/2022 Hibernation: N/A	242.1	Photo Unavailable	No PRFs found, however it's not possible to check behind all of the dense ivy which provides a potential PRF throughout.	Low
243		Oak sp.	Mature oak on field edge. Potential features: Tear out on east aspect, may lead to larger cavity.	01/09/2022	High No evidence recorded	Y	Active: N/A Hibernation: 05/01/2024	243.1	Photo Unavailable	Snapped branch on limb, southeast facing: • Height: 5m • DPH: 40cm • Entrance height: 70cm • Entrance width: 20cm • Internal height: 10cm • Internal width: 10cm	Negligible

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										• Internal depth: 10cm Additional information: Wet, flat based apex with evidence of nesting birds. Not a suitable feature as fully open to the elements and predators.	
244		Oak sp.	Mature oak next to gate into field. Potential features: Some broken branches across all aspects.	01/09/2022	Low No evidence recorded	N			Aerial not required		Low
245		Oak sp.	Large mature oak in good overall condition. 100cm DBH. Potential features: Cavity in end of broken branch on southwest aspect at 12m.	02/09/2022	Moderate No evidence recorded	Y	Active: 03/10/2023 Hibernation: 30/01/2023	245.1		Rot hole on limb, southwest facing: • Height: 8.5m • DPH: 0cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 5cm • Internal width: 4cm • Internal depth: 25cm Additional information: Rot hole end of southwest facing broken branch, cavity extends upwards. Dry, tube apex shape.	Moderate No longer within survey area due to revised Preliminary Order Limits
246		Oak sp.	Mature oak beside paddock and public	02/09/2022	High	Y	Active: 03/10/2023	246.1	Photo Unavailable	Major damage to trunk possible old lightning strike leaves a large	Moderate

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			path. Large fault within main stem leading almost from 2m high hole into the crown. Potential features: Trunk cavity in old tear (to west) but looks as though rotted through stem, right up into canopy where deadwood offers splits.		No evidence recorded		Hibernation: 30/01/2023			hollow which is open, potential for nesting birds but not bats.	No longer within survey area due to revised Preliminary Order Limits
								246.2		Rot hole on limb, north facing: • Height: 8m • DPH: 0cm • Entrance height: 8cm • Entrance width: 5cm • Internal height: 70cm • Internal width: 15cm • Internal depth: 8cm Additional information: Cavity extends upwards where there is a hole at the end of the limb where daylight can be seen. Dry, tube apex shape.	
								246.3	Photo Unavailable	Crack on limb, north facing: • Height: 5m • DPH: 0cm • Entrance height: 6cm • Entrance width: 1.5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 60cm Additional information: Cavity extends downwards, light can be seen at the end of the cavity. Dry, tube apex shape.	

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247		Oak sp.	Huge mature oak at woodland edge. 200cm DBH. Potential features: Trunk cavity 2.5m high, on east aspect. Nice clear opening, leading upwards into large bough.	02/09/2022	Moderate No evidence recorded	Y	Active: 03/10/2022 Hibernation:30/01/2023	247.1		Tear-out on stem, east facing: • Height: 2.5m • DPH: 0cm • Entrance height: 20cm • Entrance width: 8cm • Internal height: 20cm • Internal width: 8cm • Internal depth: 5cm Additional information: Feature extends upwards 20cm. Dry, cone apex shape.	Moderate No longer within survey area due to revised Preliminary Order Limits
248	 	Oak sp.	Huge old oak in pasture field. 150cm DBH. Potential features: Large complex tears to south facing at 4m trunk/boughs.	02/09/2022	Moderate No evidence recorded	Y	Active: 03/10/2022 Hibernation: N/A	248.1		Tear-out on stem, south facing: • Height: 4m • DPH: 0cm • Entrance height: 3cm • Entrance width: 3cm • Internal height: 5cm • Internal width: 3cm • Internal depth: 1.5cm Additional information: S mall hole at the base of a stem tear-out. Dry, wedge apex shape.	Low No longer within survey area due to revised Preliminary Order Limits
								248.2	Photo Unavailable	Tear-out on limb, west facing: • Height: 5m • DPH: 0cm • Entrance height: 50cm • Entrance width: 5cm • Internal height: 50cm	

Southern Corridor											
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										• Internal width: 5cm • Internal depth: 3cm Additional information: Old tear-out forming linear cavity. Dry, cone apex shape.	
								248.3	Photo Unavailable	Woodpecker hole on limb, north facing: • Height: 7.5m • DPH: 0cm • Entrance height: 2cm • Entrance width: 2cm • Internal height: 2cm • Internal width: 2cm • Internal depth: 4cm Additional information: Dry, dome apex shape with woodlice present.	
250		Oak sp.	Large mature oak in pasture field. Stem and boughs covered in burrs. Potential features: Broken bough with large split. Looks fairly open to elements. Potential cavity below though looks blind with bins and torch.	02/09/2022	Low No evidence recorded	N		Aerial not required			Low No longer within survey area due to revised Preliminary Order Limits

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
251		Oak sp.	Mature oak in pasture field. 130cm DBH. Potential features: Splits and cavities to two northwest - leaning branches, 6m high. Split on southwest aspect at 7m in south-reaching dead branch. Number of dead branches to east aspect.	02/09/2022	Moderate No evidence recorded	Y	Active: 03/10/2022 Hibernation: 30/01/2023	251.1	Photo Unavailable	Old tear-out on limb, south facing: • Height: 8m • DPH: 0cm • Entrance height: 2cm • Entrance width: 5cm • Internal height: 2cm • Internal width: 15cm • Internal depth: 4cm Additional information: Old tear-out with desiccated wood meeting live wood. On west leading limb facing south. Cavity extends horizontally along branch. Damp, cone apex shape with woodlice present.	Moderate No longer within survey area due to revised Preliminary Order Limits
								251.2	Photo Unavailable	Old tear-out on limb, northwest facing: • Height: 5m • DPH: 0cm • Entrance height: 6cm • Entrance width: 2cm • Internal height: 50cm • Internal width: 4cm • Internal depth: 2cm Additional information: Hole in desiccated wood extending upwards along a south leading limb. Dry, chambered	

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										apex shape with woodlice present.	
254		Oak sp.	Mature oak in pasture field. 100cm DBH. Potential features: Dead upward branch with multiple splits. May be more features obscured by foliage.	02/09/2022	Moderate No evidence recorded	Y	Active: 03/10/2022 Hibernation: N/A	254.1	Photo Unavailable	There are several, large, dead and desiccated branches that extend upwards, these are largely hollow and include potential access points but they're of limited potential because they're generally open or open at both ends with limited cover.	Low No longer within survey area due to revised Preliminary Order Limits
								254.2	Photo Unavailable	Old tear-out on stem, north facing: • Height: 5m • DPH: 0cm • Entrance height: 10cm • Entrance width: 2cm • Internal height: 30cm • Internal width: 2cm • Internal depth: 4cm Additional information: Small slit along edge of desiccated wood and live wood. Extends upwards. Damp, tube apex shape with woodlice present.	

Southern Corridor											
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255		Crack Willow	Crack willow with large fallen and twisted trunk. Potential features: Fissures within split trunk on south aspect at 1.5m. Low feature but multiple clear entrances.	02/09/2022	Moderate No evidence recorded	Y	Active: 04/10/2022 Hibernation: N/A	255.1	Photo Unavailable	Tear-out on stem, south facing: • Height: 1.5m • DPH: 0cm • Entrance height: 20cm • Entrance width: 4cm • Internal height: 10cm • Internal width: 4cm • Internal depth: 40cm Additional information: Major stem tear-out in fallen, twisted willow, several access points into the same feature which is a horizontal cavity extending slightly downwards. Dry, wedge apex shape.	Low
256		Crack Willow	Crack willow on bank of the Dean. Potential features: Branch cavity with clear entrance on northeast aspect at 7m.	02/09/2022	Moderate No evidence recorded	Y	Active: 04/10/2022 Hibernation: 23/01/2023	256.1		Tear-out on limb, north facing: • Height: 5.5m • DPH: 0cm • Entrance height: 15cm • Entrance width: 20cm • Internal height: 15cm • Internal width: 110cm • Internal depth: 15cm Additional information: Cavity formed in old tear-out, extends horizontally towards the end of the branch 70cm and up the branch 40cm, cavity narrows either side of entrance. Mainly dry	Moderate

Southern Corridor											
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										and dusty but becomes damp moving towards the stem. Dry, tube apex shape with woodlice present.	
257		Poplar	Mature poplar, 2m DBH. Potential features: Large basal cavity with two entrances. Possible hibernation potential (huge trunk). Trunk cavity at 7m on south aspect with clear entrance - looks to lead both further into trunk and into a second cavity going upwards.	02/09/2022	High No evidence recorded	Y	Active: 04/10/2022 Hibernation: 23/01/2023	257.1		Butt rot basal cavity on stem, north facing: • Height: 0.5m • DPH: 0cm • Entrance height: 80cm • Entrance width: 15cm • Internal height: 0cm • Internal width: 50cm • Internal depth: 0cm Additional information: Large basal cavity extends upwards, over 1m and it is very difficult to endoscope beyond this height and navigate the feature which extends beyond 1m. There is also a smaller access point 0.6m above ground level on the southern side. Dry, tube apex shape.	Moderate
								257.2	Photo Unavailable	Tear-out on stem, southwest facing: • Height: 7m • DPH: 0cm • Entrance height: 50cm • Entrance width: 5cm • Internal height: 80cm	

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
										• Internal width: 10cm • Internal depth: 15cm Additional information: Cavity extends upwards, squirrel at 80cm cavity may extend further but blocked by squirrel. Dry, tube apex shape.	
259		Crack Willow	Mature Crack Willow to bank of the Dane. Large broken bow. 130cm DBH. Potential features: Two large cavities on east side, facing the river. Hard to see from west bank. Tawny owl flew out when we arrived.	02/09/2022	High No evidence recorded	Y	Active: 04/10/2022 Hibernation: 23/01/2023	259.1	Photo Unavailable	Transverse on stem, south facing: • Height: 3m • DPH: 0cm • Entrance height: 7cm • Entrance width: 4cm • Internal height: 6cm • Internal width: 5cm • Internal depth: 50cm Additional information: Cavity at base of transverse snap, extends downwards and narrows at base. Dry, cone apex shape.	Moderate
								259.2	Photo Unavailable	Tear-out on limb, west facing: • Height: 3.5m • DPH: 0cm • Entrance height: 30cm • Entrance width: 4cm • Internal height: 10cm • Internal width: 2cm	

Southern Corridor											
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										• Internal depth: 2cm Additional information: Small cavity at the top of an old tear out. Dry, cone apex shape.	
								259.3	Photo Unavailable	Tear-out on stem, east facing: • Height: 3m • DPH: 0cm • Entrance height: 20cm • Entrance width: 25cm • Internal height: 40cm • Internal width: 70cm • Internal depth: 70cm Additional information: Large void in stem, potential owl roost, internally a dome shaped chamber is formed. Dry, dome apex shape.	
260		Oak sp.	Mature oak in pasture, 75cm DBH. Potential features: Trunk cavity on southwest aspect at 5m. Possibly does not lead into wood. Entrance covered in spider webs.	02/09/2022	Moderate No evidence recorded	Y	Active: 04/10/2022 Hibernation: N/A	260.1		Pruning cut on stem, west facing: • Height: 4.5m • DPH: 0cm • Entrance height: 10cm • Entrance width: 15cm • Internal height: 10cm • Internal width: 15cm • Internal depth: 20cm Additional information:	Low

Southern Corridor											
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										Cavity in old pruning wound, extends in horizontally, full of cobwebs. Dry, cone apex shape.	
								260.2	Photo Unavailable	Tear-out on stem. The tear-out above the pruning cut is not a PRF, no suitable features present	
303		Oak sp.	Mature oak at southeast end of pond/trees/shrubs. Start of fence line. To north of drive. Dbh approx. 1m, 8+m tall. Potential features: Branch split underside at 3m on south aspect, east branch cavity, north branch cavity. Trunk cavity at 5m on north aspect.	14/09/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: N/A	303.1	Photo Unavailable	Heartwood is open and exposed, small cup at bottom filled with wet material, not a PRF.	Low
								303.2	Photo Unavailable	Rot hole on stem, north facing: • Height: 6m • DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 15cm • Internal depth: 40cm Additional information: Small hole at end of rot hole so light visible either side.	
								303.3	Photo Unavailable	Dead limb with rot hole, north facing. Hole extends into opposite side, no cavity present, not a PRF	
								303.4	Photo Unavailable	Rot hole in dying branch, southeast facing. Hole linked to another hole above, no cavity or PRF	

Southern Corridor											
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								303.5	Photo Unavailable	Cracked branches, southeast facing. Cracks are superficial, no cavity present, hole extends out other side, not a PRF	
								303.6	Photo Unavailable	Lifted bark in limb, southeast facing. Bark close to falling off, cobwebs underneath	
304		Oak sp.	Dying tree along fence line, 1m dbh, 6m tall. Leaning to south. Potential features: Trunk cavity from base of tree on northeast aspect. Branch cavity south side at 4m. Dead branches lifting bark south side	14/09/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: 23/01/2023	304.1	Photo Unavailable	Lifted bark in limb, southeast facing. Lifted bark throughout nothing of any real depth	Moderate
								304.2	Photo Unavailable	Rotten limb with multiple interlinked access points and lifted bark, south facing at 3.5m. Multiple open ended holes and peeling bark in dying limb which is 2m long.	
								304.3	Photo Unavailable	Trunk cavity on stem, northeast facing: • Height: 3.5m • DPH: 0cm • Entrance height: 2cm • Entrance width: 20cm • Internal height: 2cm • Internal width: 20cm • Internal depth: 5cm Additional information: Trunk cavity open except for terminal end where there is a	

Southern Corridor											
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										small cavity. Damp, overhang with evidence of nesting birds.	
305		Oak sp.	Dying tree along fence line 50cm dbh, 5m+ tall. Potential features: North branch split on northeast aspect, truck lifting bark along the side and top where bark has been lost on northeast side. South side branch cracks on under side.	14/09/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: 23/01/2023	305.1	Photo Unavailable	Lifted bark on limb, east facing. Sections of lifted bark along west leading limb. Dry, wedge apex shape.	Moderate
								305.2	Photo Unavailable	Rot hole on stem, west facing: • Height: 5m • DPH: 0cm • Entrance height: 7cm • Entrance width: 4cm • Internal height: 25cm • Internal width: 4cm • Internal depth: 4cm Additional information: Hole at base of cavity extends downwards 25 cm. Dry, tube apex shape.	
								305.3	Photo Unavailable	Cracks are superficial, no cavity present.	
								305.4	Photo Unavailable	Cracks are superficial, no cavity present.	
306		Oak sp.	Mature oak along fence line.1m dbh, 8m+ tall. Potential features: Trunk cavity access on	14/09/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: 23/01/2023	306.1	Photo Unavailable	Trunk cavity in stem, east facing: • Height: 3.5m • DPH: 0cm • Entrance height: 15cm • Entrance width: 6cm	Moderate

Southern Corridor

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			east aspect at 3m, north at 3.5 & 4m, south 6m on second limb.							• Internal height: 35cm • Internal width: 10cm • Internal depth: 15cm Additional information: Cavity with corvid nest extends upwards full of twigs and debris. Dry, tube apex shape.	
								306.2	Photo Unavailable	Trunk cavity in stem, north facing: • Height: 4.5m • DPH: 0cm • Entrance height: 30cm • Entrance width: 15cm • Internal height: 1000cm • Internal width: 20cm • Internal depth: 30cm Additional information: Large cylindrical cavity extends downwards, two barn owls flew out on arrival.	
								306.3	Photo Unavailable	Trunk cavity in stem, east facing: • Height: 5m • DPH: 0cm • Entrance height: 12cm • Entrance width: 6cm • Internal height: 40cm • Internal width: 15cm • Internal depth: 15cm	

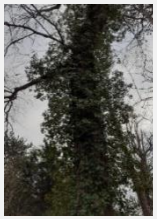
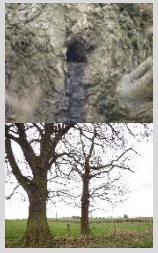
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										Additional information: Feature extends downwards full of leaves and twigs. Dry, cone apex shape with a possible old drey or birds nest present.	
								306.4	Photo Unavailable	Tear-out in limb, south facing: • Height: 6.5m • DPH: 0cm • Entrance height: 40cm • Entrance width: 8cm • Internal height: 7cm • Internal width: 3cm • Internal depth: 3cm Additional information: Small cavity in dead stag horn, extends upwards a short distance with a large opening bellow. Damp, tube apex shape.	
								306.5	Photo Unavailable	Hole in dead branch in limb, east facing: • Height: 5m • DPH: 0cm • Entrance height: 3cm • Entrance width: 1.5cm • Internal height: 10cm • Internal width: 3cm • Internal depth: 2cm Additional information:	

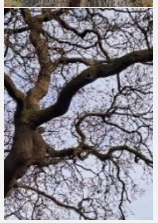
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										Hole where dead wood meets live extends upwards of limited suitability. Dry, tube apex shape.	
307		Oak sp.	Mature oak, standing inside field corner away from fences and other trees.m1m+ dbh, 10+m tall. Potential features: Northwest broken branch, possible cavity at 5m; centre west branch cavity, southwest dead branch crack at 8m.	14/09/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: N/A	307.1	Photo Unavailable	No cavity or other PRF present	Low
								307.2	Photo Unavailable	No cavity, tear out fully sealed, no PRF	
								307.3	Photo Unavailable	No cavity, tear out fully sealed, no PRF	
								307.4	Photo Unavailable	No cavity or other PRF present	
								307.5	Photo Unavailable	No cavity or other PRF present	
								307.6	Photo Unavailable	Cavity in limb, south facing: • Height: 12m • DPH: 0cm • Entrance height: 2cm • Entrance width: 5cm • Internal height: 2cm • Internal width: 4cm • Internal depth: 40cm Additional information: Upwards facing cavity, damp extends upwards at 45 degree angle for 40cm, lots of woodlice at the end.	

Southern Corridor

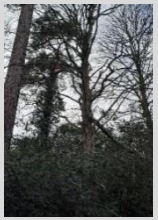
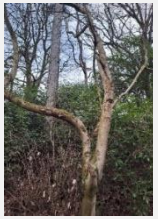
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308		Oak sp.	Mature tree standing in field. 1m+ dbh, 10m+ tall. Potential features: Trunk cavity western limb at 3.5m on south aspect. Dead branch with possible cavity on upside of north aspect at 6+m. Trunk cavity access on northeast aspect at 5m. Branch split, underside on northwest aspect at 4m.	14/09/2022	Moderate No evidence recorded	Y	Active: 30/09/2022 Hibernation: 23/01/2023	308.1	Photo Unavailable	Cavity from old tear-out in limb, south facing: • Height: 3.5m • DPH: 0cm • Entrance height: 20cm • Entrance width: 7cm • Internal height: 15cm • Internal width: 7cm • Internal depth: 5cm Additional information: Extends a short distance, limited suitability. Dry, tube apex shape.	Moderate
								308.2	Photo Unavailable	Cavity at the base of a dead branch in limb, east facing: • Height: 6m • DPH: 0cm • Entrance height: 12cm • Entrance width: 3cm • Internal height: 50cm • Internal width: 3cm • Internal depth: 3cm Additional information: Cavity extends downwards 50cm, lots of leaves at the end, possible old birds' nest or drey. Dry, tube apex shape.	
								308.3	Photo Unavailable	Knot hole in limb, north facing: • Height: 8m	

Southern Corridor											
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										• DPH: 0cm • Entrance height: 7cm • Entrance width: 4cm • Internal height: 3cm • Internal width: 2cm • Internal depth: 30cm Additional information: Cavity extends upwards, lots of woodlice at the end otherwise a good feature. Damp, dome apex shape.	
								308.4	Photo Unavailable	Cavity in limb, east facing: • Height: 8m • DPH: 0cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 3cm • Internal width: 3cm • Internal depth: 30cm Additional information: Cavity extends upwards 30cm, lots of woodlice. Dry, tube apex shape.	
								308.5	Photo Unavailable	Dead branch on the underside of the limb, south facing at 5m. No cavity present, not a PRF.	
								308.6	Photo Unavailable	Dead branch with possible cavity at join with limb, northwest facing	

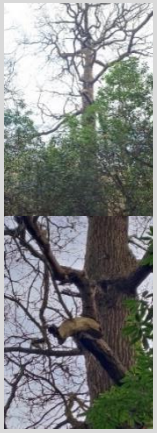
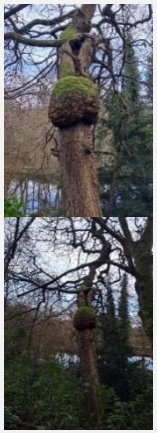
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										at 5m. No cavity present, not a PRF.	
372		Beech	Mature ivy clad beech tree 20m tall next to road. Potential features: Ivy obscuring potential features.	27/01/2023	Low No evidence recorded	N			Aerial not required		Low
385	 	Oak sp.	Boundary tree along fence line. Potential features: Longitudinal cracks along deadwood and deadwood cavity features at 8m on east aspect, appear possibly superficial from ground level.	15/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:28/02/2023	385.1		Knot hole on stem, north facing: • Height: 6m • DPH: 40cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 15cm • Internal width: 5cm • Internal depth: 5cm Additional information: Dying oak tree at west end of group of three trees on field boundary. Tree is dead above, and so a detailed inspection of features above 6m was not possible. Minor wet cavity above entrance hole. Wet, dome apex shape with evidence of nesting birds.	Moderate

Southern Corridor											
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386		Oak sp.	Field boundary oak on fence line. Potential features: deadwood branch snap out on eastern aspect at 6m which may provide a cavity within.	15/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:28/02/2023	386.1		Middle oak tree in group of three in field boundary. No suitable features.	Negligible
387		Oak sp.	Field boundary tree on fence line. Potential features: Tear out at 6m on eastern aspect, may lead to cavity or crevice space.	15/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:28/02/2023	387.1		Eastern oak tree in group of three in field boundary. No suitable features.	Negligible
388	 	Oak sp.	Field boundary lone tree on fence line. Potential features: Deadwood branch wound with crevices opportunities surrounding at 6m on east aspect; knot hole at 8m on southern branch with feature facing west; large tear in trunk at 0.5m and 6m on west aspect union	15/02/2023	Moderate No evidence recorded	Y	Active: 21/06/2023 Hibernation: 28/02/2023	388.1		Pruning wound on stem, east facing: • Height: 5m • DPH: 40cm • Entrance height: 2cm • Entrance width: 2cm • Internal height: 10cm • Internal width: 2cm • Internal depth: 20cm Additional information: 2cm gap around cut heartwood at entrance with horizontal cavity leading 30cm back into main stem. Dry, chambered apex	Moderate

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			which may lead to cavity.							shape with evidence of nesting birds.	
								388.2		Tear-out on limb, north facing: • Height: 7m • DPH: 20cm • Entrance height: 7cm • Entrance width: 4cm • Internal height: 3cm • Internal width: 5cm • Internal depth: 40cm Additional information: 20 cm upward & 20 cm downward travel in dry cavity. Dry, chambered apex shape.	
								388.3		Wound in stem, west facing: • Height: 2m • DPH: 70cm • Entrance height: 2cm • Entrance width: 20cm • Internal height: 10cm • Internal width: 15cm • Internal depth: 5cm Additional information: Large split on west side of main stem from base to 2m. Small covered area, more likely to be used by nesting birds. Dry, dome apex shape with evidence of nesting birds.	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
389		Cherry	Split trunk lying at angle on embankment. Potential features: Split at end of trunk at 2m.	<Null>	Low No evidence recorded	N			Aerial not required		Low
390		Sycamore	Sycamore on embankment of footpath. Potential features: Multiple knot holes up the main trunk on all aspects at multiple heights.	15/02/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
391		Sycamore	Sycamore midway up embankment of footpath. Potential features: 2 knot holes at 5m and 7m on southern aspect of trunk.	15/02/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
392		Sycamore	Young sycamore on footpath edge. Potential features: Crack in trunk at 3m on east aspect which may lead up stem.	15/02/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
393		Oak sp.	Mature oak on lower embankment towards river. 1m from footpath. Potential features: Multiple branch cavities which may lead to further cavities and potentially large roost spaces. Wound at 8m on western branch and at 12 on southern branch near trunk.	15/02/2023	High No evidence recorded	Y			Aerial not required		High No longer within survey area due to revised Preliminary Order Limits
394		Oak sp.	Mature oak on embankment of river 1m from pathway. Potential features: Large cavity at 8m on west aspect of trunk, and lower knot hole at 5m on west aspect.	15/02/2023	High No evidence recorded	Y			Aerial not required		High No longer within survey area due to revised Preliminary Order Limits

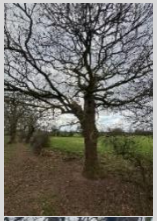
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
395		Oak sp.	Oak on embankment of river 2m from footpath. Potential features: Tear out at 8m and 6m on west and south aspects with snapped crevice features within fallen branch and remains of branch on trunk.	15/02/2023	Low No evidence recorded	N			Aerial not required		Low No longer within survey area due to revised Preliminary Order Limits

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
396		Sycamore	Sycamore on steep embankment from field to footpath. Potential features: Knot holes at 8 and 10m on south aspect of trunk.	15/02/2023	Moderate No evidence recorded	Y			Aerial still required		Moderate
397		Ash	Stump, still alive but decaying. Potential features: Potential cracks and crevices within stump at 0.5m.	15/02/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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398		Oak sp.	Field boundary tree in hedgerow. Potential features: Large trunk split on southern aspect at 3m that extends up the trunk.	15/02/2023	High No evidence recorded	Y	Active: N/A Hibernation: 09/01/2024	398.1	Photo Unavailable	Split trunk in stem, south facing: • Height: 0-3m • DPH: 90cm • Entrance height: 280cm • Entrance width: 50cm • Internal height: 300cm • Internal width: 50cm • Internal depth: 40cm Additional information: Barn owl was in the feature. Looks to have plenty of single tube cavities inside. More than 10 owl pellets at the base of the feature. If the owl wasn't present the feature could be good for a large maternity roost. Remains High in case the owl moves on.	High

Southern Corridor											
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403		Oak sp.	Oak on Bank adjacent to pond. barb wire fence attached to trunk. Potential features: Deadwood limbs on all aspects with cavities and peeling bark which may provide roosting opportunities.	27/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 10/01/2024	403.1	Photo Unavailable	Peeling bark on stem, south facing. No suitable cavity formed.	Negligible

Southern Corridor											
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404		Oak sp.	Oak on large pond embankment and field boundary. Deadwood mid-way up stem on east aspect. Potential features: Deadwood with lifted bark at 6m on east aspect and possible cavities.	27/02/2023	Moderate No evidence recorded	Y			Aerial no longer required		Moderate No longer within survey area due to revised Preliminary Order Limits
405		Oak sp.	Oak on northern pond embankment. Potential features: Woodpecker hole at 5m in centre of trunk on west aspect.	27/02/2023	High No evidence recorded	Y	Active: N/A Hibernation: 10/01/2024	405.1	Photo Unavailable	Woodpecker hole in stem, north facing: • Height: 3m • DPH: 20cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 7cm • Internal width: 7cm • Internal depth: 15cm Additional information: Dry, tube apex shape with evidence of nesting birds. More suited to birds, lots of bird dropping at the base. If birds not using could be used by a single bat as a night roost.	Moderate

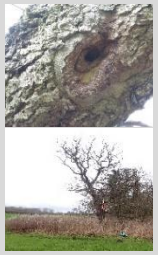
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								405.2	Photo Unavailable	Rot hole in stem, south facing: • Height: 2.5m • DPH: 35cm • Entrance height: 15cm • Entrance width: 15cm • Internal height: 40cm • Internal width: 15cm • Internal depth: 15cm Additional information: Large ball feature with a tube at the back that travels upwards for 40cm. Dry, tube apex shape with evidence of nesting birds. If bats were to find the secondary cavity at the back of the feature it could be used by a number of bats.	
406	 	Oak sp.	Oak on field boundary tree line. Potential features: Large trunk cavity and deadwood limb with cavity on northern aspect.	27/02/2023	High No evidence recorded	Y	Active: N/A Hibernation: 10/01/2024	406.1	Photo Unavailable	Tear-out in stem, west facing: • Height: 3m • DPH: 80cm • Entrance height: 15cm • Entrance width: 40cm • Internal height: 100cm • Internal width: 50cm • Internal depth: N/A Additional information: Internal cannot be fully check due to squirrel and squirrel drey in tree. The feature extends more	High

Southern Corridor											
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										than 1 meter up the tree as we can see multiple entrances on the West and Northeast side. All of the travel is upwards and is closed at the top. Squirrel present. Would be a good maternity roost if squirrel wasn't present.	
407	 	Oak sp.	Mature oak in tree line. Potential features: Large crack at 4m on northern aspect of trunk to ground level.	27/02/2023	High No evidence recorded	Y			Aerial no longer required		High No longer within survey area due to revised Preliminary Order Limits

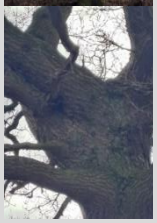
Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
408		Oak sp.	Large oak on scrub boundary field edge. Potential features: Large crack on Eastern aspect from ground to 3m.	27/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation: 10/01/2024	408.1	Photo Unavailable	Crack in stem, north facing: • Height: 0-3m • DPH: 100cm • Entrance height: 300cm • Entrance width: 6cm • Internal height: 300cm • Internal width: 6cm • Internal depth: 100cm Additional information: Large Cracks on main stem on N, E, S, W Sides. Tree is cracked on all sides more than half the depth of the tree; the Cracks open up into several or more cavities inside. They range from 1m-3m upward travel in dry smooth tube cavities. Due to the depth of the cavities, they cannot all be fully inspected. The south side cavities cannot be checked as this part of the tree hangs over the pond. Multiple chambers for a large number of bats	High
409		Oak sp.	Ivy-clad oak. Potential features: Ivy covering tree and thick stems at base potential crevices.	27/02/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor

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410		Oak sp.	Mature oak tree next to ditch on corner of field. Potential features: Woodpecker holes all over the tree 8+ holes.	27/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:06/03/2023*	410.1		Knot hole in limb, east facing: • Height: 3m • DPH: 20cm • Entrance height: 3cm • Entrance width: 3cm • Internal height: 3cm • Internal width: 3cm • Internal depth: 45cm Additional information: Alder with numerous knot holes and woodpecker holes. Unsafe to climb in top of tree. Horizontal cavity leading back toward main stem.	High
								410.2		Knot hole in limb, east facing: • Height: 6m • DPH: 20cm • Entrance height: 7cm • Entrance width: 5cm • Internal height: 7cm • Internal width: 7cm • Internal depth: 50cm Additional information: Cavity runs upward and along the limb toward the tip. Dry, chambered apex shape with evidence of nesting birds.	

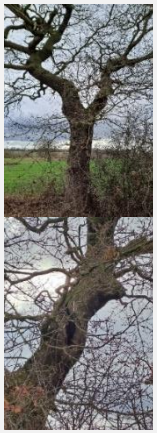
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								410.3		Series of woodpecker holes in crown, unsafe to climb as only rotten wood above.	
411	 	Oak sp.	Mature oak tree next to path up to bridge. Potential features: Knot hole on the northern aspect on branch	27/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:06/03/2023	411.1		Wound in limb, north facing: • Height: 4m • DPH: 15cm • Entrance height: 5cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 20cm Additional information: Horizontal tapering cavity. Damp, spire apex shape with evidence of nesting birds.	High
								411.2		Woodpecker hole in stem, south facing: • Height: 10m • DPH: 25cm • Entrance height: 7cm • Entrance width: 7cm Additional information: Unsafe to access as rotten below feature.	

Southern Corridor											
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412		Ash	Mature ash next to vehicle path near railway bridge. Potential features: Holes in bark, split in tree trunk, broken branches.	27/02/2023	Moderate Evidence of bats recorded.	Y	Active: N/A Hibernation:06/03/2023	412.1		Dying ash tree. Covered in cankers, holes, with dead and rotten timber. Not safe to climb.	High
413	 	Oak sp.	Field boundary tree within hedgerow. Potential features: Deadwood stump on southern aspect at 6m with possible cavity space entering the trunk.	27/02/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor

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414		Oak sp.	Tree on field boundary, adjacent to site red line. Potential features: Trunk tear out and deadwood cavity at 8m on northern aspect.	27/02/2023	Moderate No evidence recorded	Y	Active: N/A Hibernation:06/03/2023	414.1		Oak tree on corner of woodland. Dead limbs in the crown. No suitable features.	Negligible No longer within survey area due to revised Preliminary Order Limits

Southern Corridor

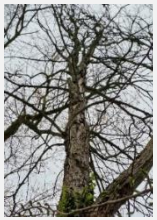
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
415		Oak sp.	Field boundary tree in hedgerow. Potential features: Tear out cracks and deadwood at 3m on west aspect which may support opportunistic roosting in summer but appear exposed to the elements.	27/02/2023	Low No evidence recorded	N			Aerial not required		Low
416		Oak sp.	Mature oak in hedge boundary. Potential features: 2 woodpecker holes on south aspect of main trunk at 4 and 5m, one large opening on Eastern branch that may lead to a cavity.	27/02/2023	High No evidence recorded	Y	Active: 04/07/2023 and 22/09/2023 Hibernation: 02/03/2023	416.1		Knot hole in stem, east facing: • Height: 2.5m • DPH: 60cm • Entrance height: 10cm • Entrance width: 10cm • Internal height: N/A • Internal width: N/A • Internal depth: N/A Additional information: Oak tree in field boundary. Unable to climb and inspect fully as in use by squirrels. Multiple entrances into hollow main stem and limbs.	High

Southern Corridor

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								416.1	Photo Unavailable	Unable to check internal dimensions due to tree occupied by multiple squirrels	
423		Oak sp.	Semi-mature oak in hedgerow East of driveway. Potential features: Rot hole at 2m on south aspect which leads down into trunk, may lead to large cavity. Suitable for hibernation roosts as large opening. Trunk cavity at 4m on southeast aspect where branch ripped. Rot hole at 0.5m on west aspect, leads up into trunk.	28/02/2023	High No evidence recorded	Y	Active: 04/07/2023 Hibernation: N/A	423.1	Photo Unavailable	Tear-out in stem, west facing: • Height: 2m • DPH: 50cm • Entrance height: 100cm • Entrance width: 30cm • Internal height: 30cm • Internal width: 40cm • Internal depth: 50cm Additional information: Tear out is open to the elements and other predators. Dry, flat apex shape.	High
								423.2	Photo Unavailable	Tear-out in stem, west facing: • Height: 4m • DPH: 20cm • Entrance height: 15cm • Entrance width: 7cm • Internal height: 6cm • Internal width: 6cm • Internal depth: 30cm Additional information: Dry, cone apex shape. Could be a good feature for bats if/when woodlouse vacate.	

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								423.3	Photo Unavailable	Tear-out in stem, southeast facing: • Height: 4m • DPH: 70cm • Entrance height: 40cm • Entrance width: 15cm • Internal height: 15cm • Internal width: 15cm • Internal depth: N/A Additional information: Floor of cavity full of pellets at base. Nesting birds inside feature. 2 baby owls located within feature; no further inspection carried out.	
								423.4	Photo Unavailable	Rot hole in stem, west facing at 0.5m. Unable to carry out further inspection due to wasp nest located inside.	
563		Sycamore	Semi-mature tree, with peeling bark and ivy cover. Potential features: North facing peeling bark, on stem and branches throughout. South facing flaky / lifted bark.	24/04/2023	Low No evidence recorded	N		Aerial not required			Low

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564		Willow sp.	Large, leaning mature willow (fragilis). approx. 20m tall in woodland. Potential features: Possible cavity in stem, lateral, 10m up extending into stem. West facing.	24/04/2023	Moderate No evidence recorded	Y	Active: 06/06/2023 Hibernation: N/A	564.1	Photo Unavailable	No suitable features found on tree.	Negligible
565		Willow sp.	Mature willow on field edge, 22m tall. Potential features: Possible crack on underside of limb at 12m, hard to see from ground.	24/04/2023	Low No evidence recorded	N			Aerial not required		Low
566	 	Buds not viewable, suspected willow.	Semi-mature, 20m tall, in woodland. Potential features: Knot hole, south facing at 2.25 m.	24/04/2023	Moderate No evidence recorded	Y	Active: 06/06/2023 Hibernation: N/A	566.1	Photo Unavailable	Knot hole on stem, south facing: • Height: 2.5m • DPH: 40cm • Entrance height: 7cm • Entrance width: 6cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 0cm Additional information: Wet, flat apex shape.	Negligible

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567		Willow sp.	Approx. 10m tall, near Jack Lane. Potential features: Lifted bark along trunk at all orientations, southern most lifted	24/04/2023	Low No evidence recorded	N			Aerial not required		Low
568	Photo Unavailable	Willow sp.	Large willow mostly leant over towards Lane. Potential features: some lifted bark around whole tree.	24/04/2023	Low No evidence recorded	N			Aerial not required		Low
569		Sycamore	Semi-mature, in wooded area, 12m tall, ivy clad. Potential features: Ivy clad, particularly at upper levels across all aspects.	24/04/2023	Low No evidence recorded	N			Aerial not required		Low
570		Sycamore	Mature sycamore, ivy clad trunk.	24/04/2023	Moderate	Y	Active: 06/06/2023	570.1	Photo Unavailable	Knot hole on stem, east facing: • Height: 4m	Negligible

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			Potential features: Small knot hole southern facing at 3m; knot hole at 8m on the south west aspect.		No evidence recorded		Hibernation: N/A			• DPH: 8cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 4cm • Internal width: 4cm • Internal depth: 15cm Additional information: Wet, dome apex shape with woodlice present.	
								570.2	Photo Unavailable	Knot hole on stem, southwest facing: • Height: 8m • DPH: 8cm • Entrance height: 5cm • Entrance width: 4cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 7cm Additional information: Wet, dome apex shape with woodlice present.	
571		Sycamore	Semi-mature, in woods, 12m tall, ivy clad. Potential features: Dense ivy throughout.	24/04/2023	Low No evidence recorded	N		Aerial not required			Low

Southern Corridor

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576		Oak sp.	Semi-mature on South facing rail embankment. Potential features: Tear-out northeast facing, possible cavity, snapped limb with exposed heart wood splintered and fissure to the south. All between 2-3m.	02/05/2023	Moderate No evidence recorded	Y	Active: 20/09/2023 Hibernation: N/A	576.1	Photo Unavailable	Tear-out in stem, northeast facing: • Height: 4m • DPH: 40cm • Entrance height: 40cm • Entrance width: 10cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 50cm Additional information: Large tear out on the NE aspect of the tree. Exposed heart wood to the top of the feature with callus rolls that provide no cavity. Downward travel within the feature, nesting bird material to the base. Fully open to the elements. Dry, dome apex shape.	Low
								576.2	Photo Unavailable	Tear-out in limb, northeast facing: • Height: 3.5m • DPH: 15cm • Entrance height: 3cm • Entrance width: 12cm • Internal height: 3cm • Internal width: 3cm • Internal depth: 0cm Additional information: Tear out on East facing limb, no upward or downward travel. Wet,	

Southern Corridor											
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										flat apex shape with woodlice present.	
577	Photo Unavailable	Oak sp.	Semi-mature oak tree on rail embankment. Potential features: Tear out on northeast-reaching branch close to stem at 2m, possible cavity.	02/05/2023	Moderate No evidence recorded	Y	Active: 20/09/2023 Hibernation: N/A	577.1	Photo Unavailable	Rot hole in stem, east facing: • Height: 3m • DPH: 30cm • Entrance height: 8cm • Entrance width: 5cm • Internal height: 6cm • Internal width: 5cm • Internal depth: 10cm Additional information: Rot hole on main stem. 5cm of horizontal travel. Cobwebs and woodlouse present. Damp, cone apex shape.	Negligible
								577.2	Photo Unavailable	Tear-out in limb, east facing: • Height: 3m • DPH: 10cm • Entrance height: 15cm • Entrance width: 5cm • Internal height: 0cm • Internal width: 5cm • Internal depth: 5cm Additional information: Tear out on the east limb downward travel of 5cm. Woodlouse present. Dry, dome apex shape.	

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								577.3	Photo Unavailable	Rot hole in stem, northwest facing: • Height: 3.5m • DPH: 30cm • Entrance height: 8cm • Entrance width: 5cm • Internal height: 6cm • Internal width: 5cm • Internal depth: 10cm Additional information: Rot hole out on the east limb downward travel of 10cm. Woodlouse present. Dry, dome apex shape.	
578		Oak sp.	Semi-mature 8m tall on rail embankment. Potential features: Lightning strike wound that has become tear out at 3m on east aspect.	02/05/2023	Low No evidence recorded	N			Aerial not required		Low
579		Oak sp.	Mature oak on dry ditch. Potential features: pruning wound on west branch, cavity on exposed heart wood, south facing pruning wound and deep cracks and splits,	02/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 and 20/09/2023 Hibernation: N/A	579.1	Photo Unavailable	None of the features identified form PRFs	Negligible

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			tear out with cavity at base south facing 7m high.								
580		Oak sp.	Mature oak tree on ditch side. Potential features: Woodpecker hole facing north roughly 8m high.	02/05/2023	High No evidence recorded	Y	Active: 07/06/2023 Hibernation: 09/01/2024	580.1	Photo Unavailable	Woodpecker hole in stem, north facing: • Height: 4.5m • DPH: 25cm • Entrance height: 6cm • Entrance width: 6cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 20cm Additional information: Dry, flat apex shape with evidence of nesting birds.	High
581		Oak sp.	Mature oak tree on ditch side. Potential features: Sheared branch south facing with split heartwood producing small crevices x2, another pruning wound with deep crevices in heart wood south westerly facing.	02/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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582		Oak sp.	Mature oak tree on side of ditch. Potential features: Pruning wound southwest facing, dead limb with associated split 7m high entrance cluttered by epicormic growth, crack in north facing side.	02/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 Hibernation: N/A	582.1	Photo Unavailable	No suitable features found	Negligible
583		Oak sp.	Mature oak on stream side. Potential features: Dead limb on north facing side, possible hole about 3m high and gaps in bark.	02/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 Hibernation: N/A	583.1	Photo Unavailable	No suitable features found	Moderate
584		Oak sp.	Tree on field on own, 10m tall. Potential features: Hole 1m tall northern elevation, two deadwood limbs at 2 and 3m, possible cracks go deeper, hole in limb at 2.5m, may lead to roost.	03/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 Hibernation: 09/01/2024	584.1	Photo Unavailable	Tear-out in stem, north facing: • Height: 0.5m • DPH: 50cm • Entrance height: 100cm • Entrance width: 30cm • Internal height: 8cm • Internal width: 6cm • Internal depth: <5cm Additional information: Dry, dome apex shape.	High

Southern Corridor											
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
								584.2	Photo Unavailable	Rot hole in stem, north facing: • Height: 2.5m • DPH: 50cm • Entrance height: 15cm • Entrance width: 6cm • Internal height: 6cm • Internal width: 4cm • Internal depth: 15cm Additional information: Dry, cone apex shape. Potential night roost.	
								584.3	Photo Unavailable	Tear-out in limb, south facing: • Height: 3.5m • DPH: 40cm • Entrance height: 30cm • Entrance width: 15cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 10cm Additional information: Feature is open above and wet	
								584.4	Photo Unavailable	Tear-out in limb, south facing: • Height: 4m • DPH: 30cm • Entrance height: 30cm • Entrance width: 6cm • Internal height: 6cm • Internal width: 6cm	

Southern Corridor											
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										• Internal depth: >40cm Additional information: Dry, cone apex shape.	
585		Willow sp.	Willow leant over in woodland. Potential features: North-facing hole/crack at base, 30cm high, possible hibernation roost, to be endoscoped.	03/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 Hibernation: N/A	585.1	Photo Unavailable	Basal cavity in stem, north facing: • Height: 0.5m • DPH: 15cm • Entrance height: 30cm • Entrance width: 20cm • Internal height: 20cm • Internal width: 20cm • Internal depth: 25cm Additional information: Dry, cone apex shape with evidence of use by mammals. Open to the elements.	Negligible No longer within survey area due to revised Preliminary Order Limits

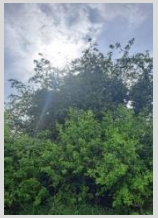
Southern Corridor

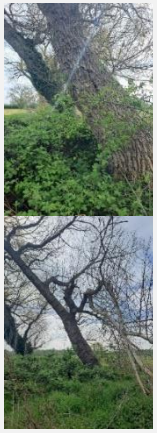
ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
586		Oak sp.	20m tall mature oak edge of woodland, 3m from quarry barrier. Potential features: Split and holes down underside of dead limb on north aspect at 7m.	03/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 Hibernation: N/A	586.1	Photo Unavailable	Dead limb, north facing: • Height: 7m • DPH: N/A • Entrance height: 200cm • Entrance width: 10cm • Internal height: 3cm • Internal width: 10cm • Internal depth: 200cm Additional information: Horizontal travel on the underside of limb. Dry, cone apex shape. Open to the elements, limb is extremely dead and loose with a lot of movement.	Low
587		Willow sp.	Twin stemmed, DBH each of 0.8m, up to 10m tall due to leaning branches. Potential features: Massive failure of both leaders with large splits and cracks, some of which appear to lead to large internal cavities, protected from the elements. All aspects of tree, most below 3m high.	03/05/2023	High No evidence recorded	Y			Aerial no longer required		High No longer within survey area due to revised Preliminary Order Limits

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
											
588		Oak sp.	29m tall mature oak near quarry barrier. Potential features: None observed but of an age and size where some may he hidden from view	03/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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589		Willow sp.	Mature willow on woodland edge, adjacent to quarry. Potential features: none seen but of an age and size where features could be hidden.	03/05/2023	Low No evidence recorded	N			Aerial not required		Low
590	 	Willow sp.	Mature willow next to another, both only trees present in pond, this one 20m and bat box present on stem. Potential features: Cracked underside of limb approx. 15m high on south aspect.	03/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 Hibernation: N/A			Tree cannot be climbed as in middle of a pond, unable to gain access	Moderate
597		Alder	Mature tree on ditch embankment 70cm width and 10 m high. Potential features: Hole 1m from base of tree, west facing and possible cavity, woodpecker hole south facing 4m from base of tree with possible cavity and	04/05/2023	High No evidence recorded	Y	Active: 06/06/2023 Hibernation: N/A	597.1	Photo Unavailable	Woodpecker hole in stem, south facing: • Height: 3.5m • DPH: 50cm • Entrance height: 3cm • Entrance width: 4cm • Internal height: 3cm • Internal width: 3cm • Internal depth: 10cm Additional information:	Moderate

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			possible large knot hole just above woodpecker hole.							Damp, dome apex shape.	
								597.2	Photo Unavailable	Rot hole in stem, south facing: • Height: 4m • DPH: 50cm • Entrance height: 10cm • Entrance width: 7cm • Internal height: 10cm • Internal width: 5cm • Internal depth: 15cm Additional information: Dry, flat apex shape with evidence of nesting birds. Open to the elements.	
								597.3	Photo Unavailable	Basal cavity in stem, south facing: • Height: 0.5m • DPH: 50cm • Entrance height: 30cm • Entrance width: 20cm • Internal height: 20cm • Internal width: 20cm • Internal depth: 50cm Additional information: Dry, dome apex shape with evidence of mammals. Potential for winter roosting bats.	
								597.4	Photo Unavailable	Tear-out in stem, north facing: • Height: 3m	

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
										• DPH: 50cm • Entrance height: 15cm • Entrance width: 5cm • Internal height: 10cm • Internal width: 10cm • Internal depth: 30cm Additional information: Dry, dome apex shape.	
598		Hawthorn	Semi-mature hawthorn in middle of hedgerow. 8m tall, 1m wide but split into multiple smaller trunks. Potential features: Ivy covered with crevices between ivy stems (ivy only suitable to support low numbers of bats due to structure).	04/05/2023	Low No evidence recorded	N		Aerial not required			Low
599		Sycamore	Mature, located opposite large pond, 20m tall and 1.5m wide. Potential features: Covered in ivy, some thick stems creating crevices, possible knot hole leading to cavity 1(ivy only	04/05/2023	Moderate No evidence recorded	Y	Active: 07/06/2023 Hibernation: N/A	599.1	Photo Unavailable	Ivy across entire stem from base to 3.5m. Does not form a suitable feature	Low
								599.2	Photo Unavailable	Knot hole in limb, north facing: • Height: 6.5m • DPH: 15cm • Entrance height: 7cm • Entrance width: 10cm	

Southern Corridor											
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			suitable for small numbers of bats due to structure) 2m high on north-reaching branch, flaked bark just above knot hole as well.							• Internal height: 7cm • Internal width: 6cm • Internal depth: 10cm Additional information: Dry, dome apex shape with evidence of nesting birds.	
600		Sycamore	Mature sycamore with significant broken branch, directly next to other mature sycamore. Potential features: Small hole on west side of trunk roughly 2m from ground could lead to large internal cavity.	04/05/2023	Moderate No evidence recorded	Y			Aerial still required		Moderate
601		Willow sp.	Cracked willow on edge of fishing lake, 2m in width and 20m in height. Potential features: 4 large cracks in branches from 2m to 6 m, one above the water and other 3 facing east.	04/05/2023	Moderate No evidence recorded	Y			Aerial still required		Moderate

Southern Corridor											
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603		Oak sp.	Mature tree on field boundary, DBH approx.1m, height approx.20m. Potential features: Snapped branch 9m high extending east. Crevice beneath twisted limb approx.6m high, extending south but crevice facing downwards.	12/05/2023	Low No evidence recorded	N			Aerial not required		Low
604		Unknown	Partially dead tree near ditch with 2 leaders. Species unknown as leaves or buds not visible. Potential features: Large knothole/tear out on main trunk. Approx. 4m high, S	12/05/2023	High No evidence recorded	Y	Active: 21/06/2023 Hibernation: 09/01/2024	604.1	Photo Unavailable	Tear-out in stem, south facing: • Height: 3.5m • DPH: 40cm • Entrance height: 60cm • Entrance width: 10cm • Internal height: 30cm • Internal width: 10cm • Internal depth: 7cm	High

Southern Corridor											
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			facing. Also upwards facing snapped branch off secondary, dead trunk approx.2m high, extending east.							Additional information: More than 30cm of upward and downward travel within cavity, nesting bird material within the feature. Feature may continue past but unable to check. Dry, dome apex shape with evidence of nesting birds.	
								604.2	Photo Unavailable	Snapped branch, southeast facing: • Height: 2m • DPH: 20cm • Entrance height: 20cm • Entrance width: 10cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm Additional information: Dry, circle apex shape.	
605		Sycamore	10m tall, leaning toward river, no stems away from river. Lots of ivy high up. Potential features: Ivy near crown (ivy only suitable for small numbers of bats due to structure).	19/05/2023	Low No evidence recorded	N		Aerial not required			Low

Southern Corridor

ID	Photo	Tree species	Tree description	Ground level roost assessment survey date	Preliminary bat roost suitability category from GLA	Aerial survey required (Y/N)	Aerial survey dates	Aerial object ID	Photo	Description of potential roost features	Revised roost suitability category after aerial inspection
606		Sycamore	Semi-mature tree DBH approx.0.4m, 15m tall. Potential features: Three large knotholes leading into trunk. One approx.2m high facing west, one approx.1.5m high facing north, one approx.3m high facing south.	19/05/2023	Moderate No evidence recorded	Y	Active: 21/06/2023 Hibernation: N/A	606.1		Tear-out on stem, west facing: • Height: 2m • DPH: 30cm • Entrance height: 30cm • Entrance width: 10cm • Internal height: 7cm • Internal width: 4cm • Internal depth: 60cm Additional information: 60cm of upward travel leading to another rot hole. Suitable for night roost for single bats. Damp, tube apex shape.	Low
								606.2		Rot hole on stem, south facing: • Height: 2m • DPH: 15cm • Entrance height: 30cm • Entrance width: 6cm • Internal height: 5cm • Internal width: 5cm • Internal depth: <5cm Additional information: Damp, tube apex shape.	

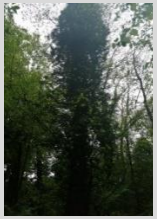
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
								606.3		Rot hole on stem, west facing: • Height: 1.5m • DPH: 15cm • Entrance height: 100cm • Entrance width: 5cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 10cm Additional information: Damp, tube apex shape.	
								606.4	Photo Unavailable	Rot hole on stem, west facing: • Height: 2.5m • DPH: 15cm • Entrance height: 15cm • Entrance width: 6cm • Internal height: 5cm • Internal width: 5cm • Internal depth: 5cm Additional information: 5cm of upward travel. Damp, dome apex shape.	
								606.5	Photo Unavailable	Rot hole on stem, west facing: • Height: 1m • DPH: 8cm • Entrance height: 8cm • Entrance width: 5cm • Internal height: 6cm • Internal width: 6cm	

Southern Corridor											
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										• Internal depth: 15cm Additional information: 15cm of upward travel. Damp, tube apex shape.	
								606.6	Photo Unavailable	Rot hole on stem, west facing: • Height: 6m • DPH: N/A • Entrance height: 50cm • Entrance width: 6cm • Internal height: 7cm • Internal width: 5cm • Internal depth: 30cm Additional information: 30cm of upward travel. Dry, tube apex shape. Suitable for single or low number of bats	
607	Photo Unavailable	Sycamore	10m tall adjacent to river, ivy on stem. Potential features: Dense ivy on stem (ivy only suitable for small number of bats due to structure).	19/05/2023	Low No evidence recorded	N		Aerial not required			Low

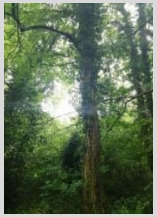
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
608		Ash	15m tall, ash. Die-back and dead crown. Dense ivy on main stem. Potential features: Dense ivy main stem (ivy only suitable for small numbers of bats due to structure).	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
609		Sycamore	Semi-mature tree beyond railway fence so only observed from one side. DBH approx.0.3m, approx.15m tall. Potential features: Ivy cover on all aspects. May form cover for individual bat due to structure.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
610		Oak sp.	15m tall. Potential features: Dense ivy from base to crown ivy only suitable to support small numbers of bats due to structure.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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611		Oak sp.	Mature tree beyond railway fence so only observed from one side. DBH approx.1m, approx.20m tall. Potential features: Ivy on trunk with some thick strands potentially large enough to provide shelter to individual bats due to structure.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
612		Oak sp.	20m tall oak, leaning northwest, just across rail fence next to path. Potential features: Dead established ivy up stems with nooks (only suitable for small numbers of bats due to structure).	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
613		Unknown	Dead tree stump beyond railway fence so only observed from one side. DBH approx.0.5m, approx.10m tall. Potential features: Ivy cover around	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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			stump. May provide cover for individual bats.								
614		Ash	Mature tree with 2 leaders. DBH approx.1.5m, approx.25m tall. Potential features: Thick ivy stems on west leader. May provide cover for individual bats.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
615		Alder	Mature tree with no lower branches. DBH approx.0.5m, approx.20m tall. Potential features: Thick ivy stems on trunk, particularly 0-3m high. Creating crevice between ivy and trunk	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
616		Ash	20n tall ash. Standing deadwood. Adjacent to railway fence. Potential features: Dense ivy up stem, ivy only suitable to support small numbers of	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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			roosting bats due to structure.								
617		Sycamore	Mature tree DBH approx.0.4m approx.25m tall. Potential features: Thick ivy stems around trunk, creating crevice between ivy and trunk.	19/05/2023	High No evidence recorded	Y	Active: 22/09/2023 hibernation : N/A	617.1	Photo Unavailable	Ivy on stem from base to 10m.	Negligible
618		Alder	12 m tall. Single stem with dense ivy to crown. Potential features: Ivy only suitable to support low numbers of roosting bats due to structure.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
619		Sycamore	Mature tree with 2 leaders. DBH approx..1.5m, approx.20m tall. Potential features: Thick ivy stems particularly on main leader, only support low numbers of bats due to structure of ivy.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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620		Unknown, cannot see any leaves thought view blocked by ivy	Mature tree on edge of stream. DBH approx. 0.8m, approx.20m tall. Potential features: Thick ivy stems on trunk, may have crevice between ivy and trunk suitable for individual bats .	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
621		Sycamore	15m tall, single main stem with dense ivy near crown. Potential features: Dense ivy near crown	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
622		Sycamore	25m tall. Potential features: Dense ivy from around 5m to crown.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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623		Fallen dead trunk	Fallen trunk, DBH approx. 0.7m. Potential features: Split in fallen trunk leading a little way in. approx.1m high, entrance facing west. Doesn't provide much shelter.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
624		Sycamore	25m tall, no stems on west aspect to crown. Potential features: Dense ivy from 5m to crown.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
625		Sycamore	25 tall, main stem up to 10m. Dead wood leaning against stem. Potential features: Dense ivy from 10m to 15m on stem.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
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626		Sycamore	Mature tree on steep bank leading down to stream. DBH approx.0.6m, approx.25m tall. Potential features: Ivy on trunk, some lower down stems may be thick enough to provide cover for individual bat.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
627		Unknown	20m tall. Potential features: Dense ivy on stem.	<Null>	Low No evidence recorded	N			Aerial not required		Low
628		Unknown	20m tall. Potential features: Dense ivy on stem.	<Null>	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
629		Sycamore	Mature tree on steep slope down to stream. Three main trunks. DBH approx.0.6m, approx.20m tall. Potential features: Ivy on trunks, may be thick enough in places to provide cover for individual bats.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
630		Ash	20m tall ash, bare branches from dieback. Against field margin/fence. Nest hole on base. Potential features: Potential crack 8-10m up on southwest aspect.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

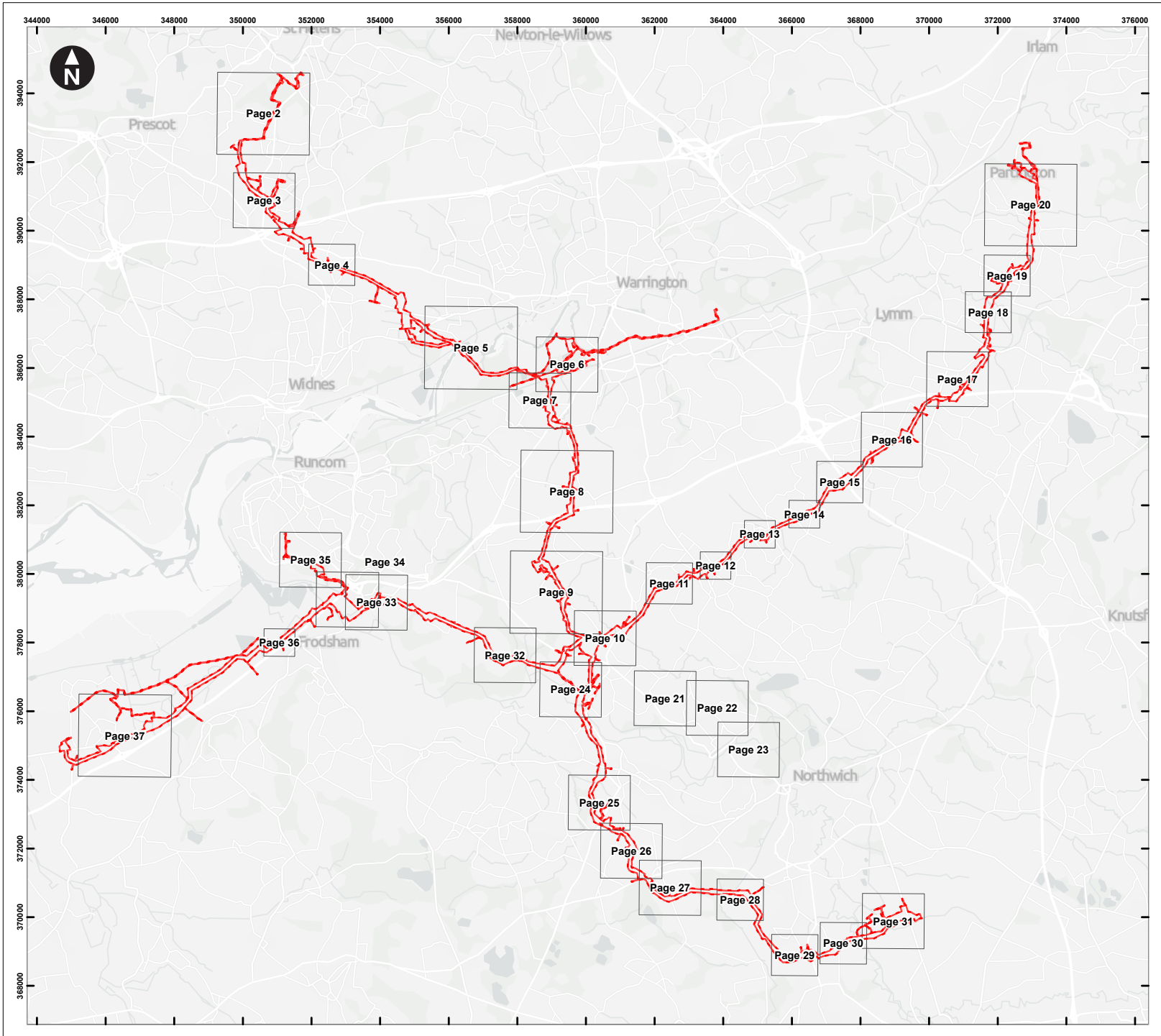
Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
631		Oak	Mature tree on edge of woodland. DBH approx.1.5m, approx. 25m tall. Potential features: Thick ivy stems on south aspect. Snapped limbs visible higher in canopy but cannot see if they have any PRFs. Tree of size and shape to contain features higher up that cannot be viewed from ground.	19/05/2023	Moderate No evidence recorded	Y	Aeiral still required	631.1		Access not granted	Moderate
632		Birch	15m tall birch with heavily knotted stem. Lots of cracks. Potential features: Cracks along main stem.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
633		Sycamore	Mature tree with multiple leaders. DBH approx.0.8m, approx.20m tall. Potential features: Ivy on trunk. Stems thicker towards base of trunk. May provide	19/05/2023	Low No evidence recorded	N			Aerial not required		Low

Southern Corridor											
ID	**Photo**	**Tree species**	**Tree description**	**Ground level roost assessment survey date**	**Preliminary bat roost suitability category from GLA**	**Aerial survey required (Y/N)**	**Aerial survey dates**	**Aerial object ID**	**Photo**	**Description of potential roost features**	**Revised roost suitability category after aerial inspection**
			cover for individual bats.								
634		Oak	Mature oak, 30m tall. Broken stem on east aspect, 2m up. 2 remaining stems to 30m. Potential features: Cracked stem 2m up on east aspect.	19/05/2023	Low No evidence recorded	N			Aerial not required		Low
642		Oak	Mature oak tree approximately 9m tall in hawthorn hedgerow on the side of a driveway. Potential features: Whole trunk and branches covered in dense ivy which may be hiding features or create a feature itself.	17/07/2023	Low No evidence recorded	N			Aerial not required		Low

HyNet North West Hydrogen Pipeline

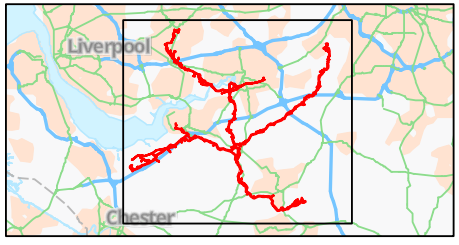
Delivering clean growth

Annex 5E 5 Figure 5E.1 Tree Location Plan with Bat Roost Potential Categories



Key

- Preliminary order limits
- Preliminary order limits - 10m buffer



Scale at A3: 1:110,000

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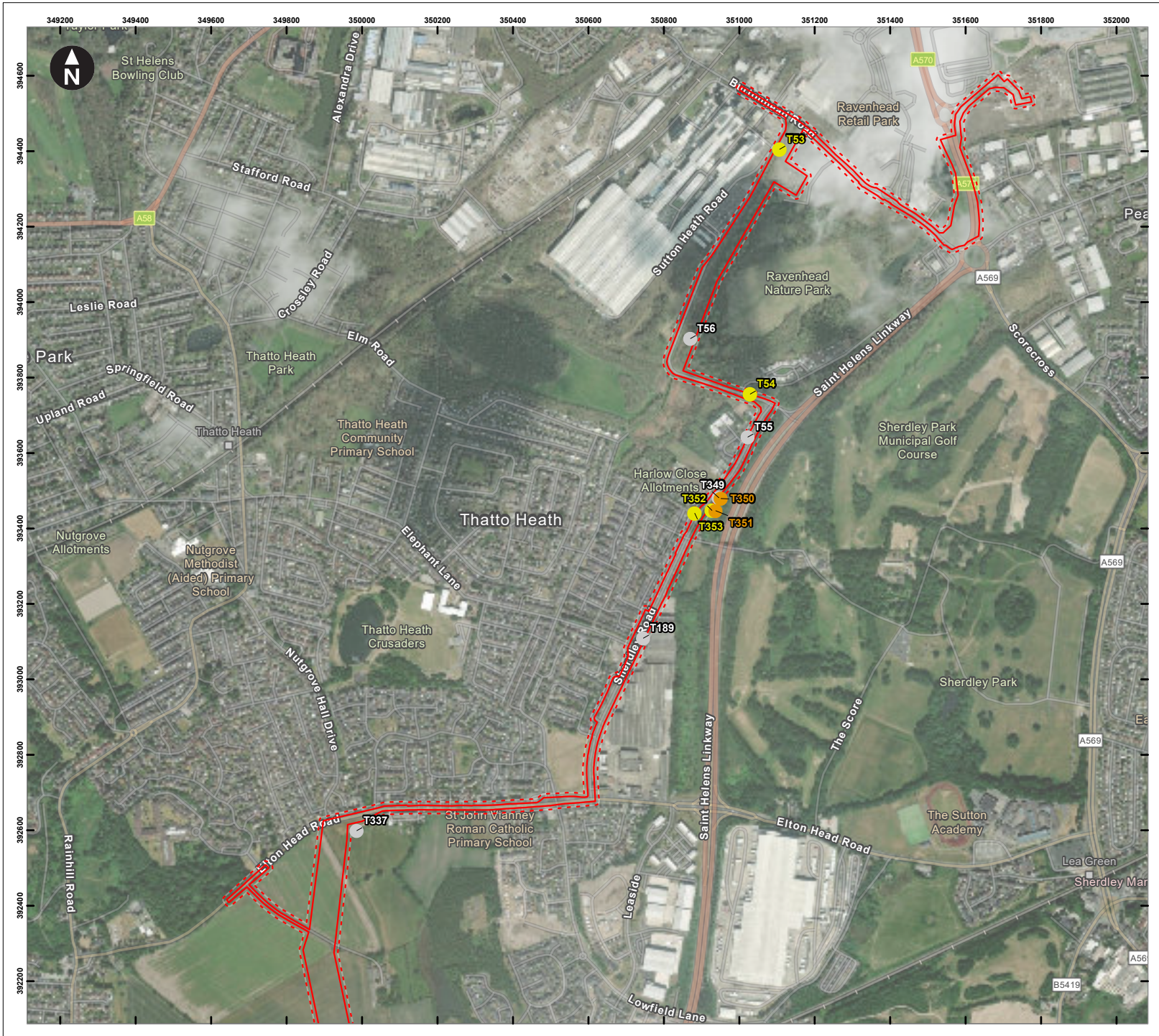
Client

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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories
Page 1 of 37

April 2024

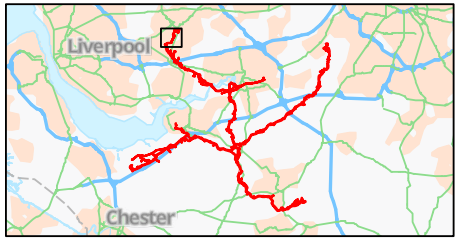


Key

- Preliminary order limits
- Preliminary order limits - 10m buffer

Bat Roost Potential

- Confirmed roost
- High
- Moderate
- Low
- Negligible
- Surveys incomplete - category may change



Scale at A3: 1:10,000

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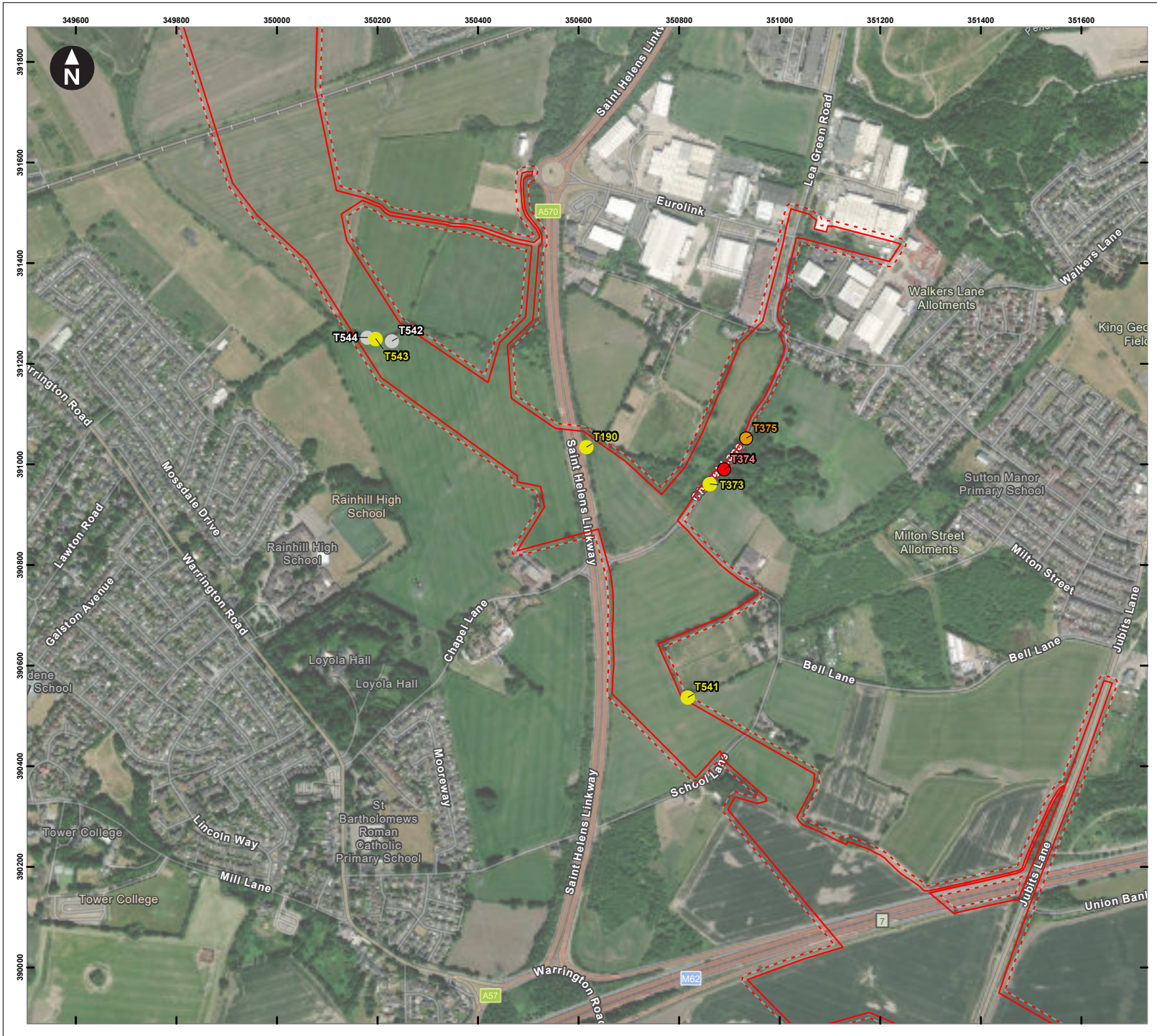
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 2 of 37

TEP wsp

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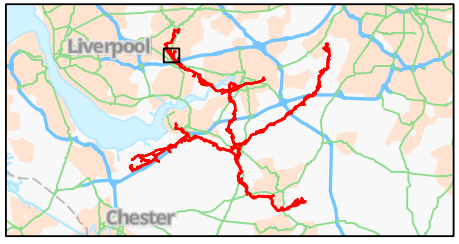


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Scale at A3: 1:7,500

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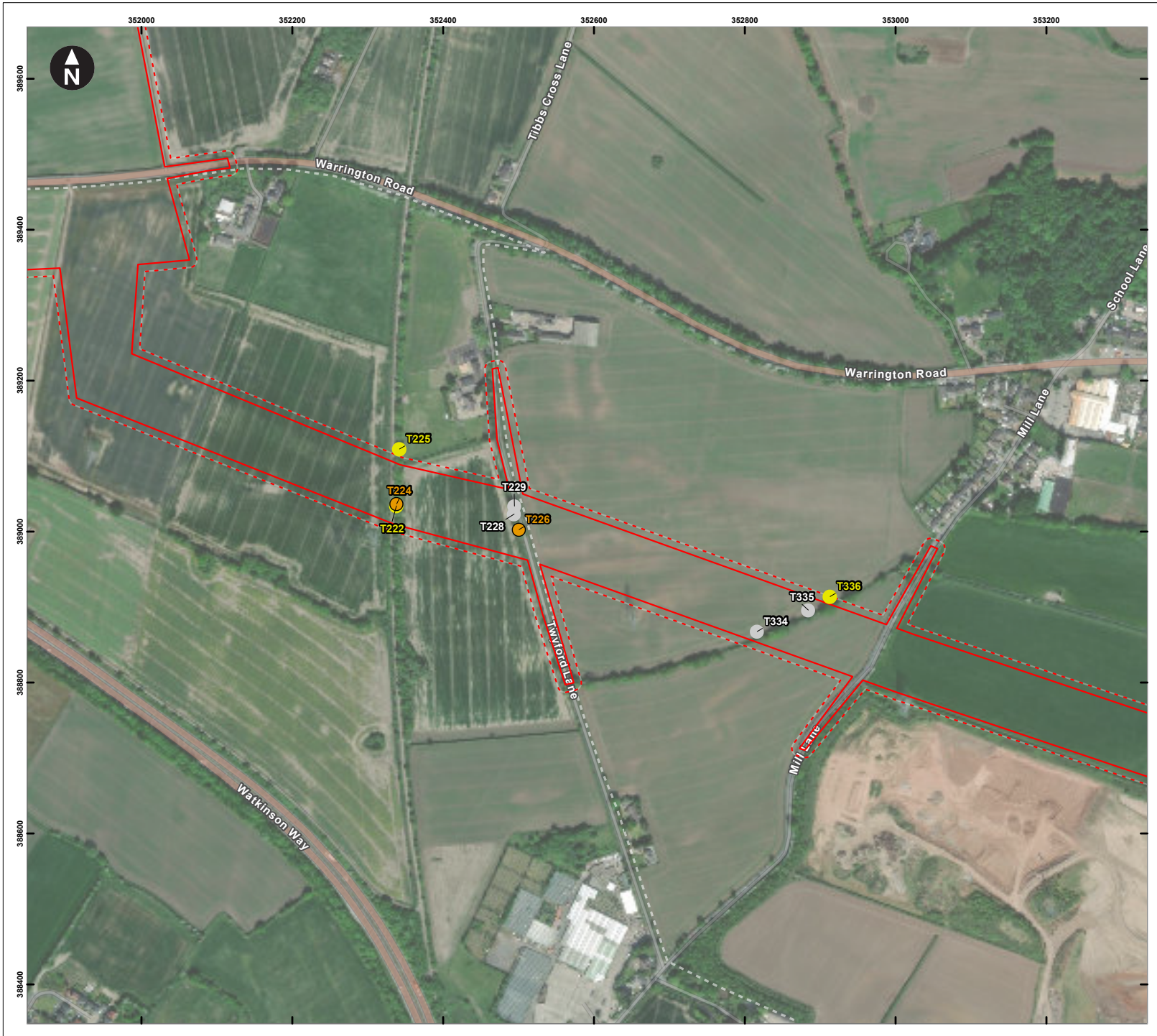
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 3 of 37

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Bat Roost Potential

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0 0.35 Km

Scale at A3: 1:5,000

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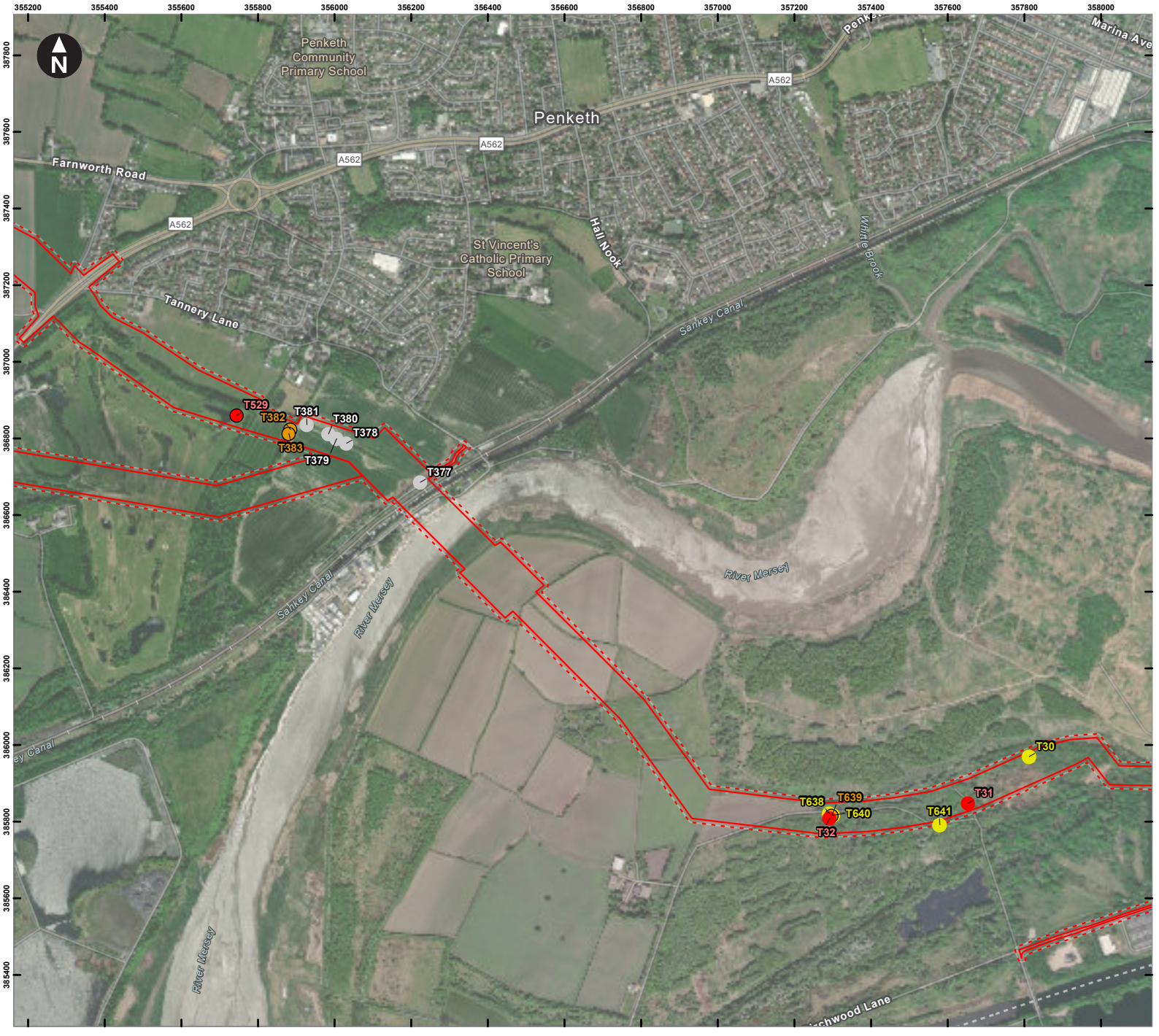
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 4 of 37

TEP wsp

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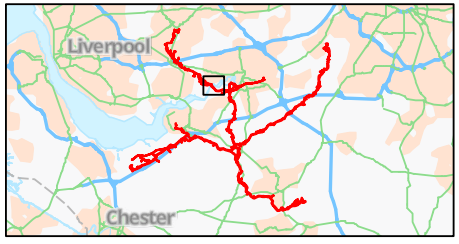


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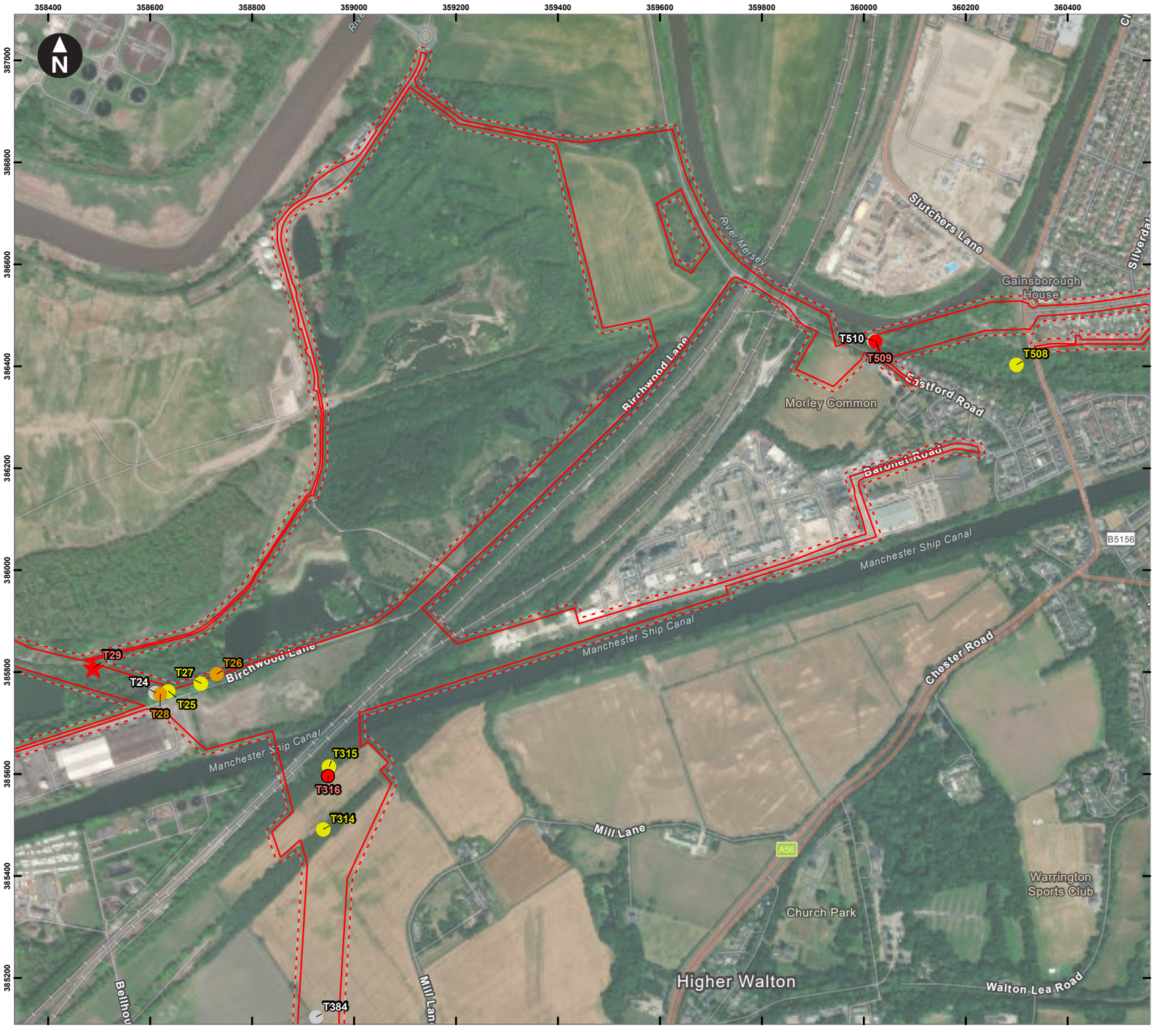
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 5 of 37

TEP wsp

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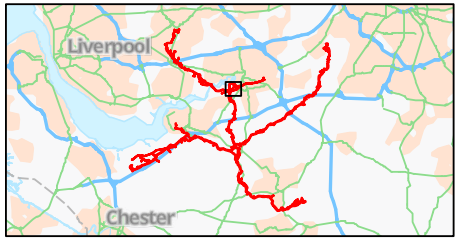


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Scale at A3: 1:7,500

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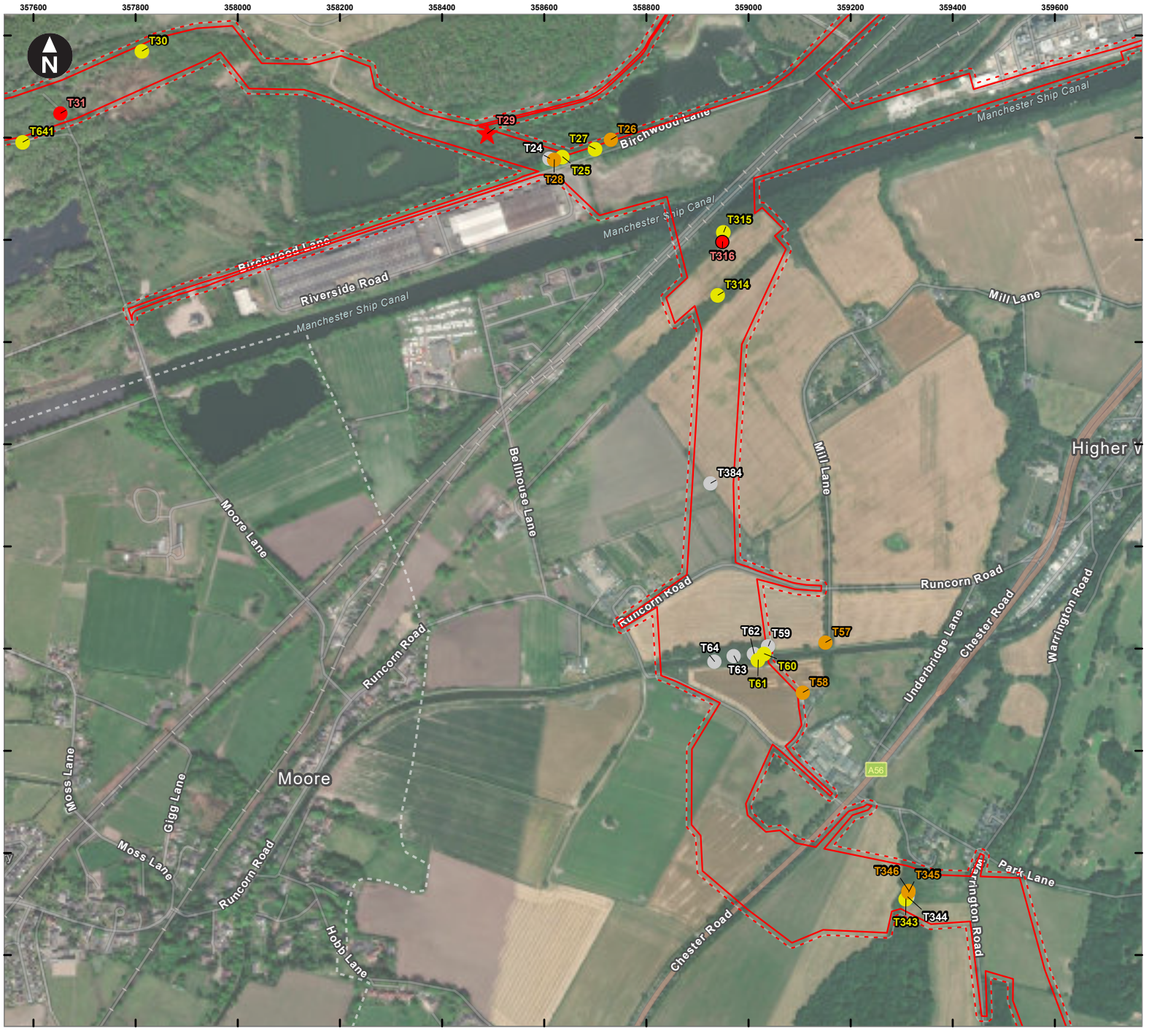
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 6 of 37

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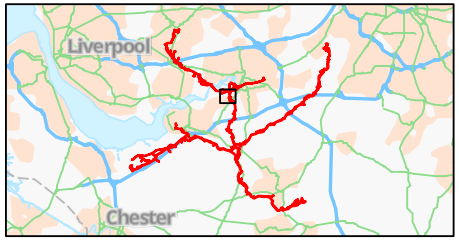


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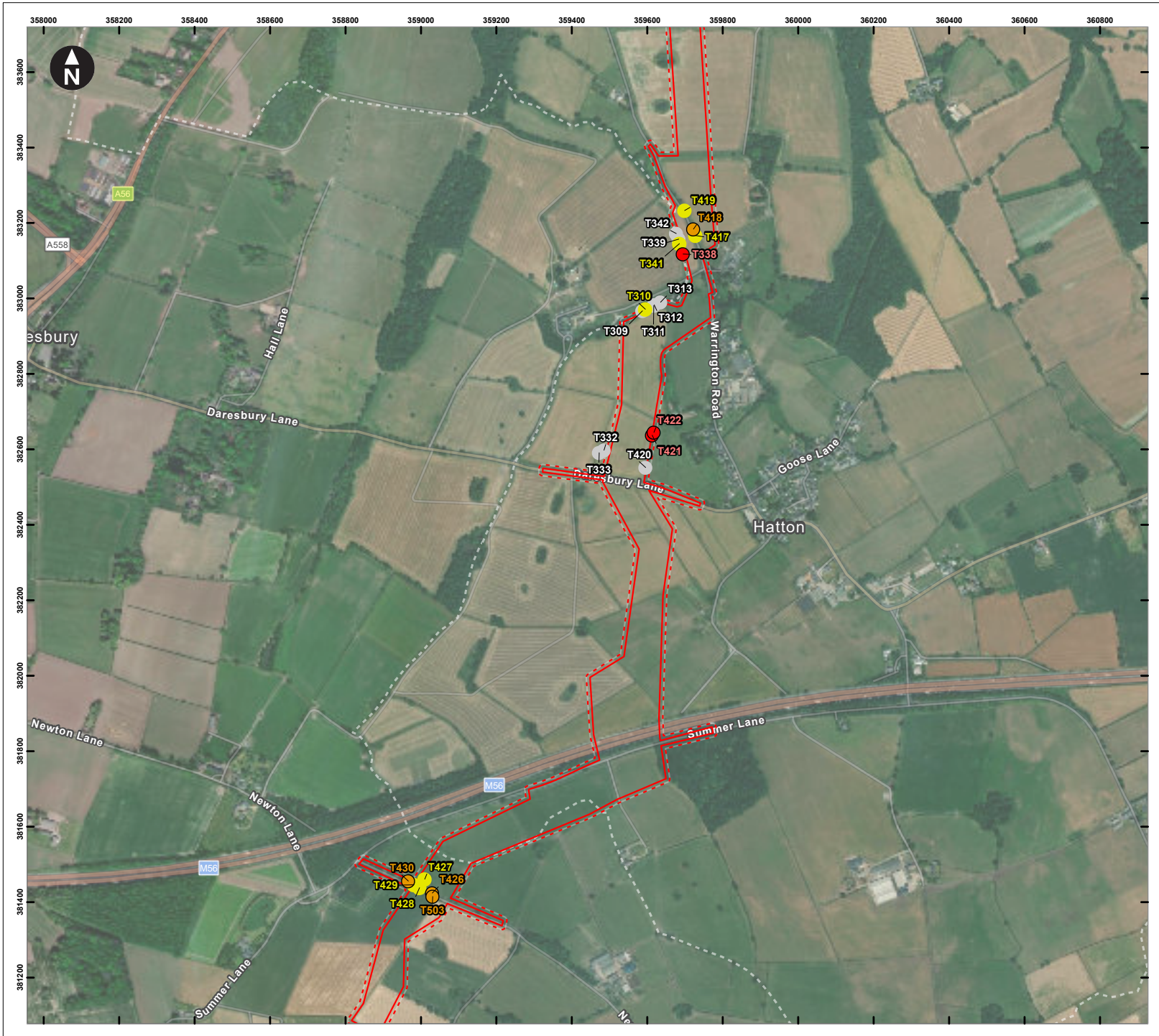
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 7 of 37

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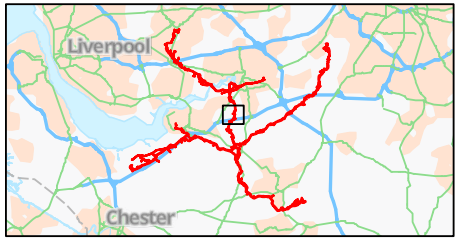


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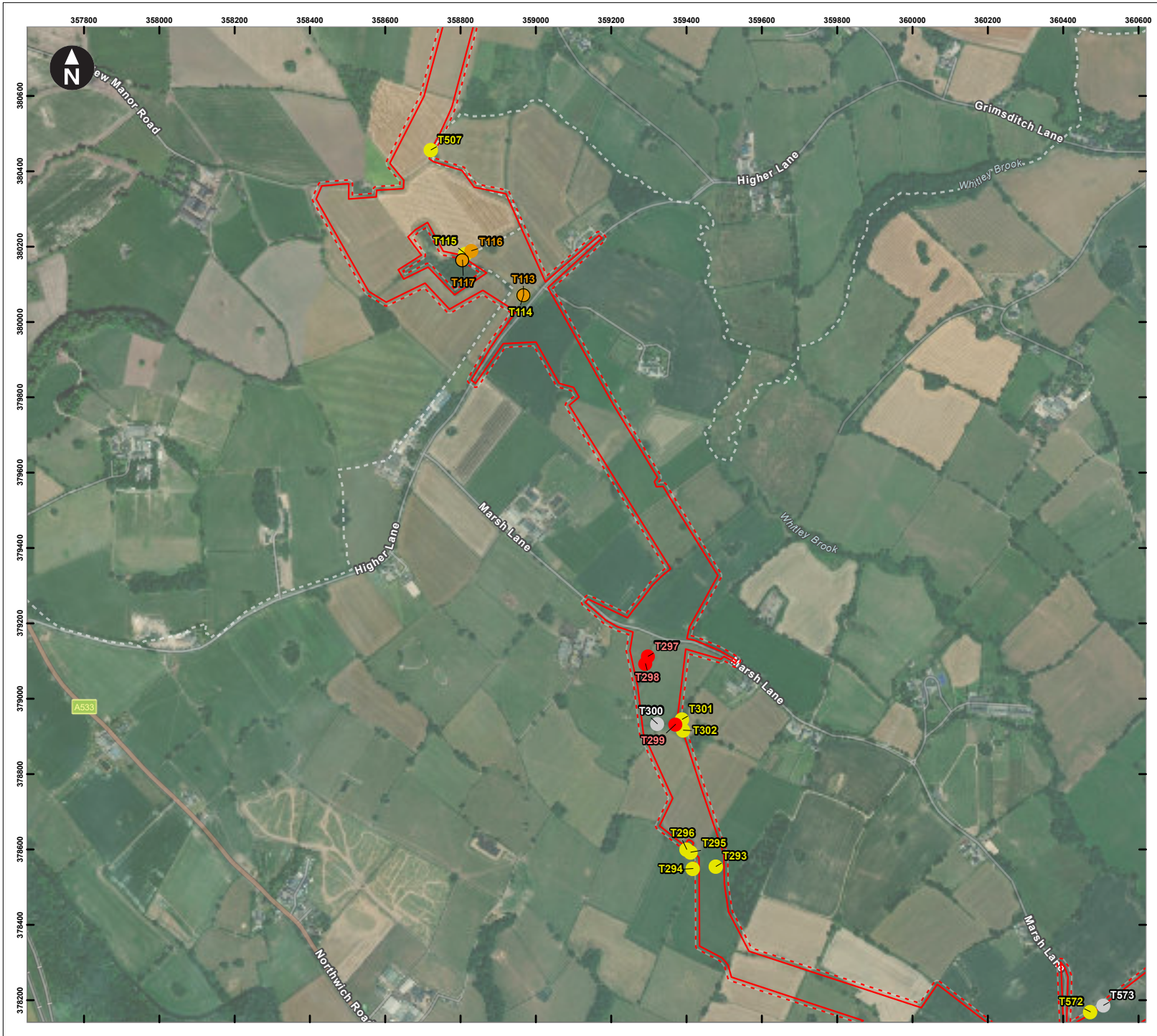
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Chapter 5: Biodiversity
Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 8 of 37

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Key

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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 9 of 37

TEP wsp

April 2024

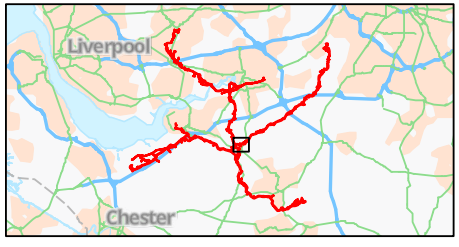


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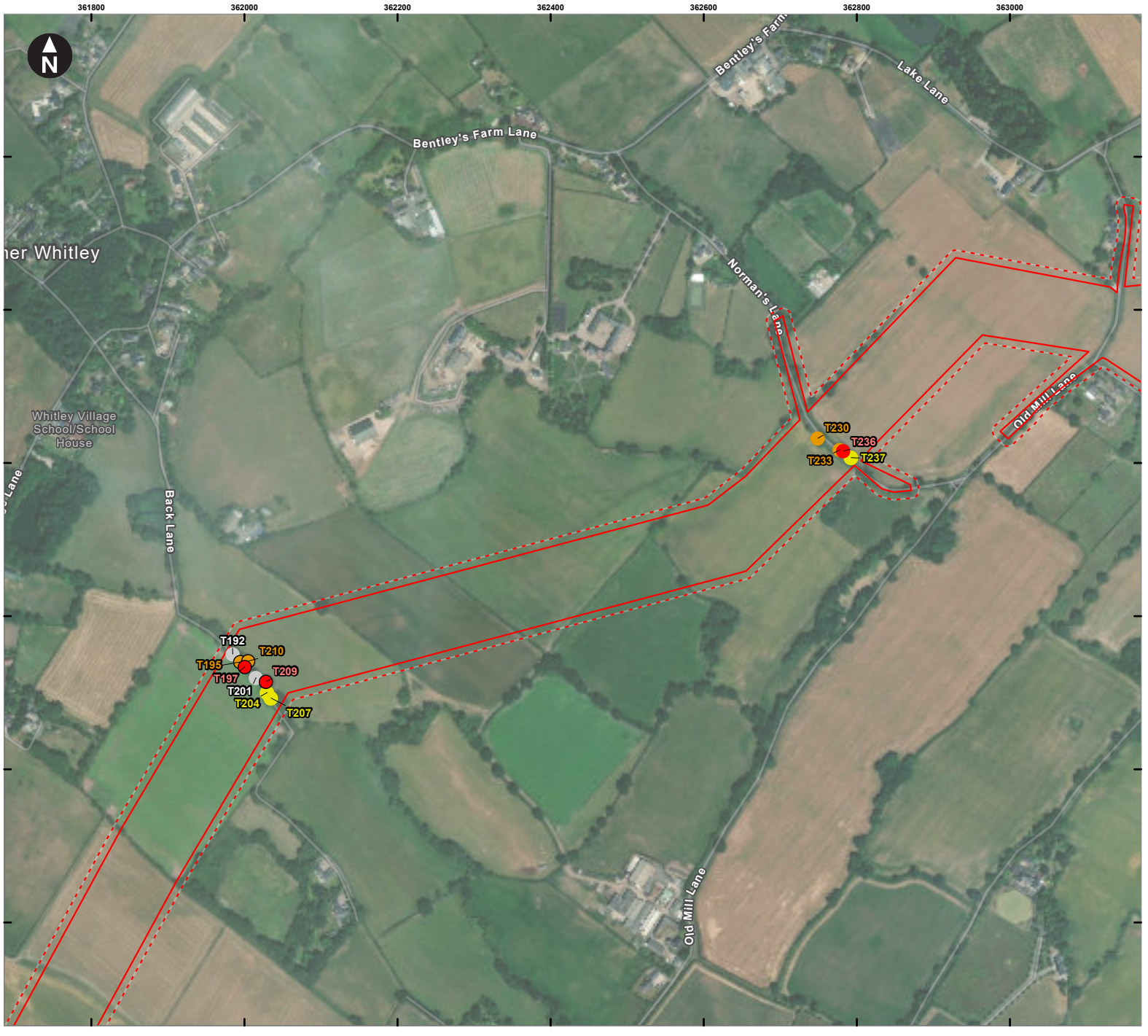
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Chapter 5: Biodiversity
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 10 of 37

TEP wsp

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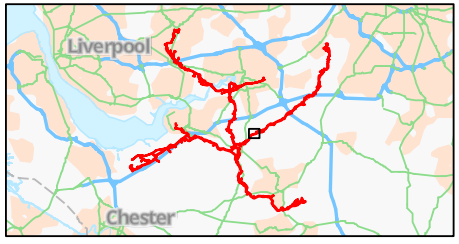


Key

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Scale at A3: 1:5,000

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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 11 of 37

TEP wsp

April 2024



Key

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Bat Roost Potential

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0 0.35 Km

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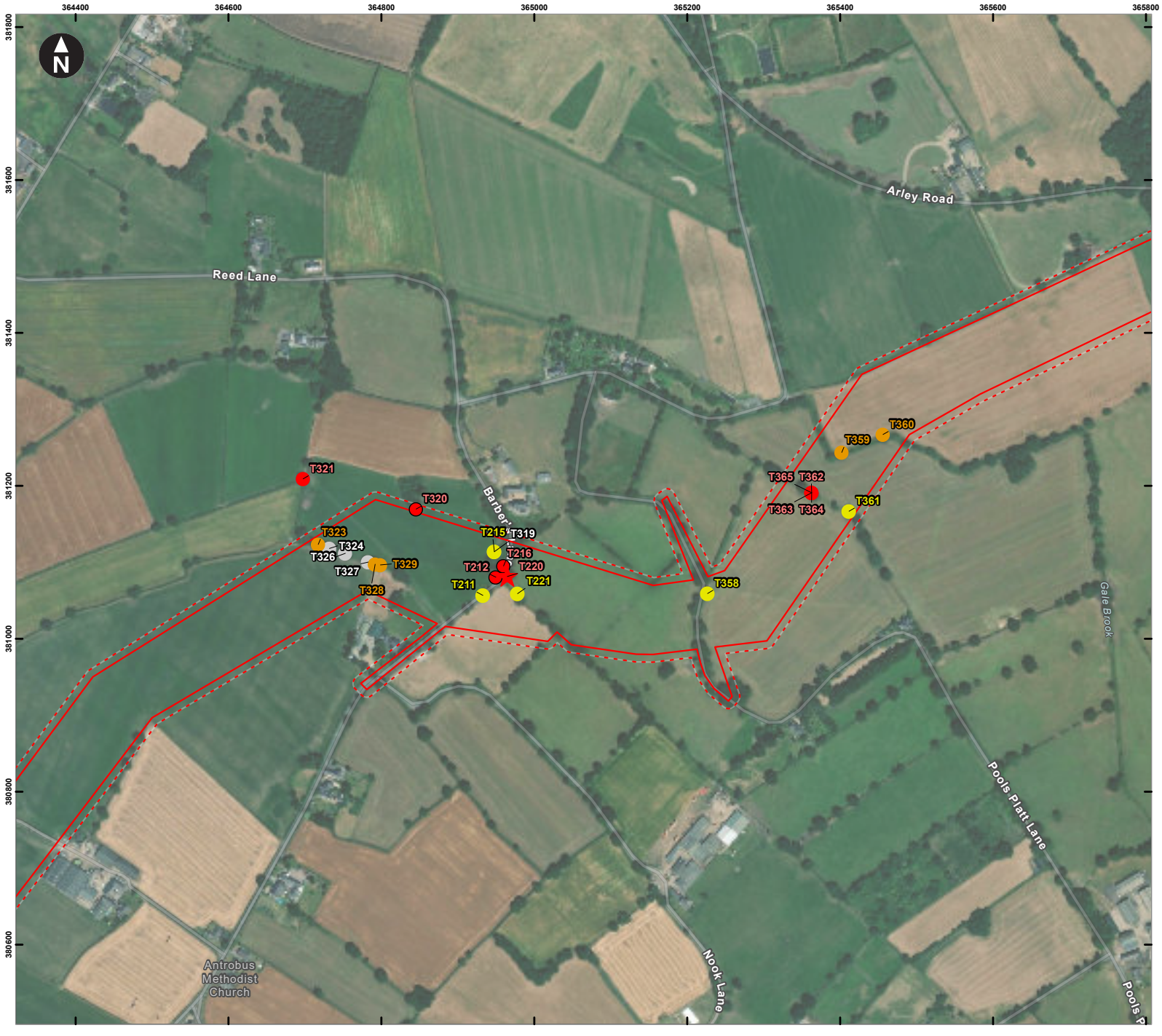
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Chapter 5: Biodiversity
Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 12 of 37

April 2024

TEP WSP

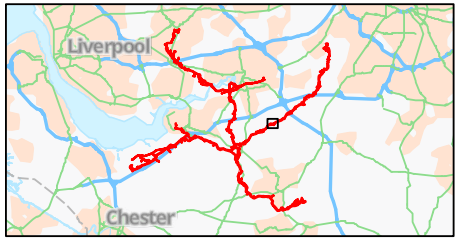


Key

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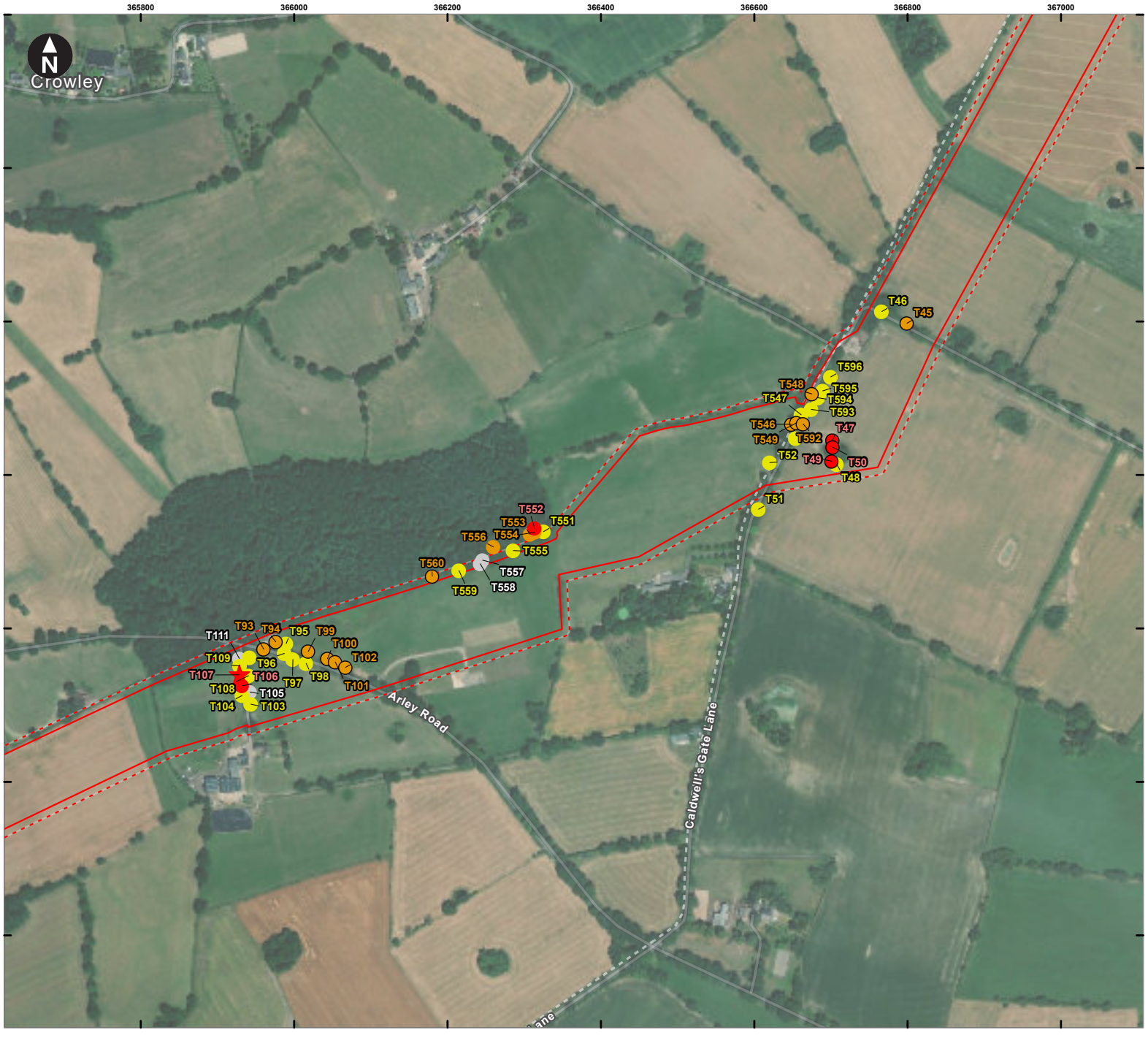
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Chapter 5: Biodiversity
Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 13 of 37

April 2024

TEP wsp



Key

Preliminary order limits

Preliminary order limits - 10m buffer

Bat Roost Potential

Confirmed roost

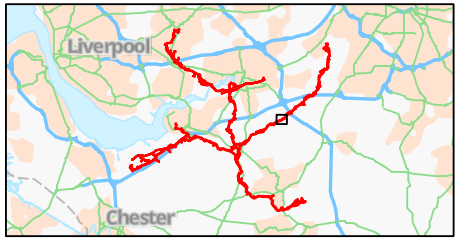
High

Moderate

Low

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Surveys incomplete - category may change



Scale at A3: 1:5,000

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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 14 of 37

TEP wsp

April 2024

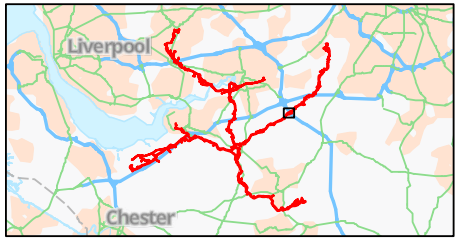


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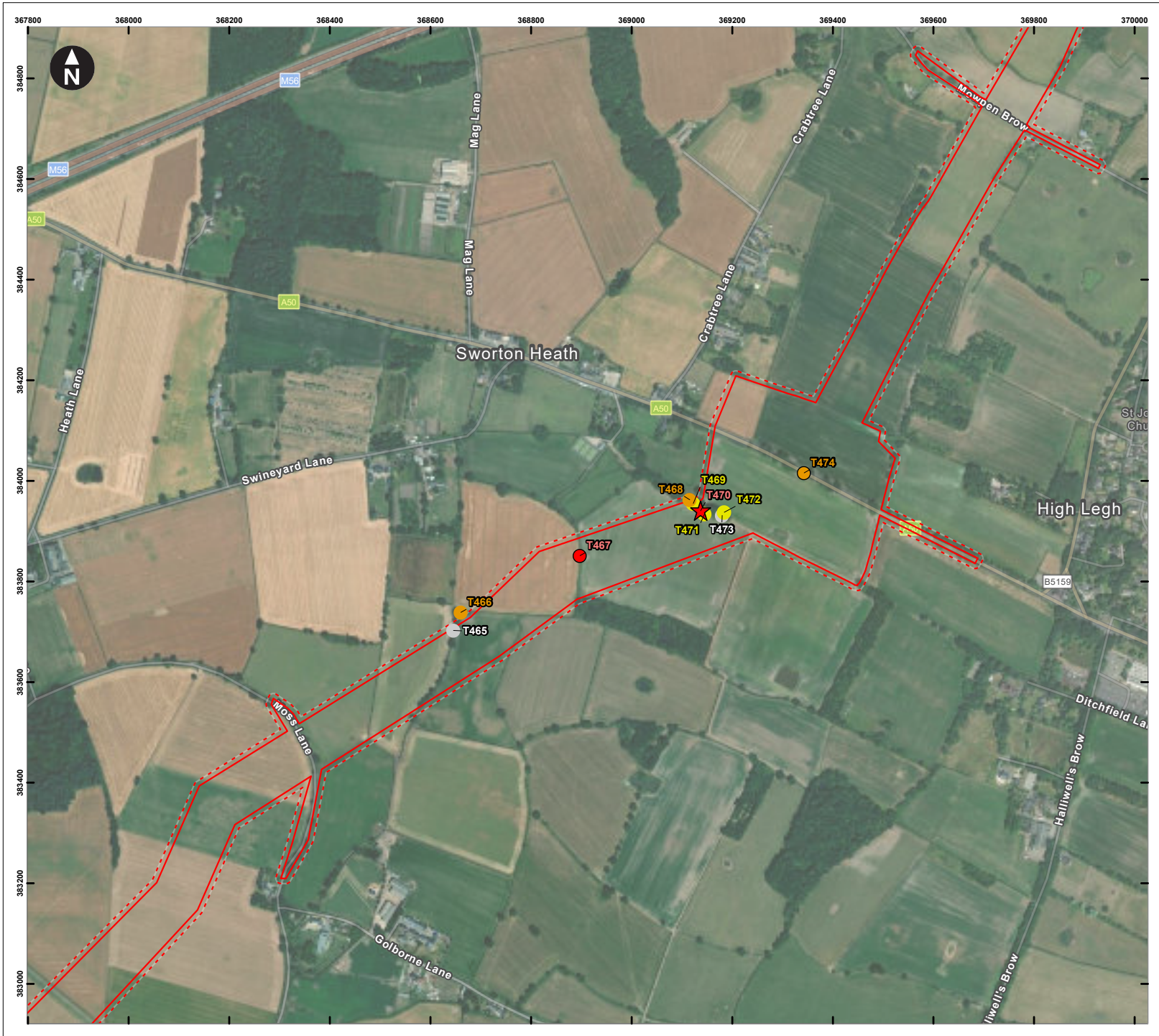
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Chapter 5: Biodiversity
Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 15 of 37

April 2024

TEP wsp



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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 16 of 37

April 2024

TEP wsp

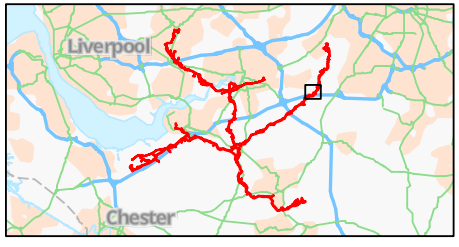


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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 17 of 37

April 2024

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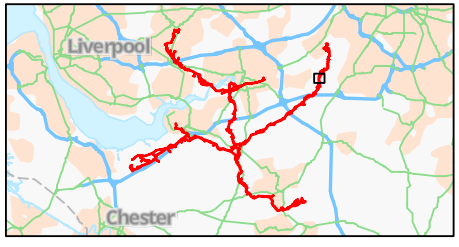


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- Moderate
- Low
- Negligible
- Surveys incomplete - category may change



Scale at A3: 1:5,000

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Tree Location Plan with Bat Roost Potential Categories Page 18 of 37

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TEP wsp

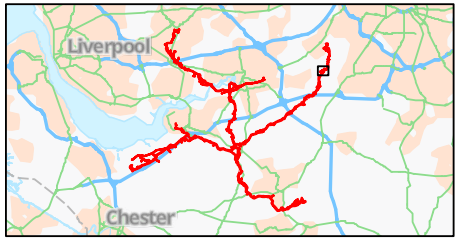


Key

- Preliminary order limits
- Preliminary order limits - 10m buffer

Bat Roost Potential

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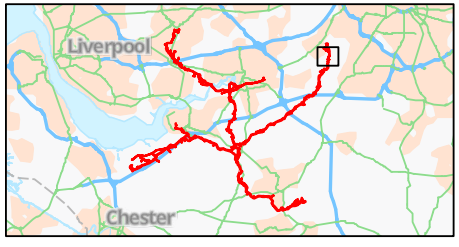


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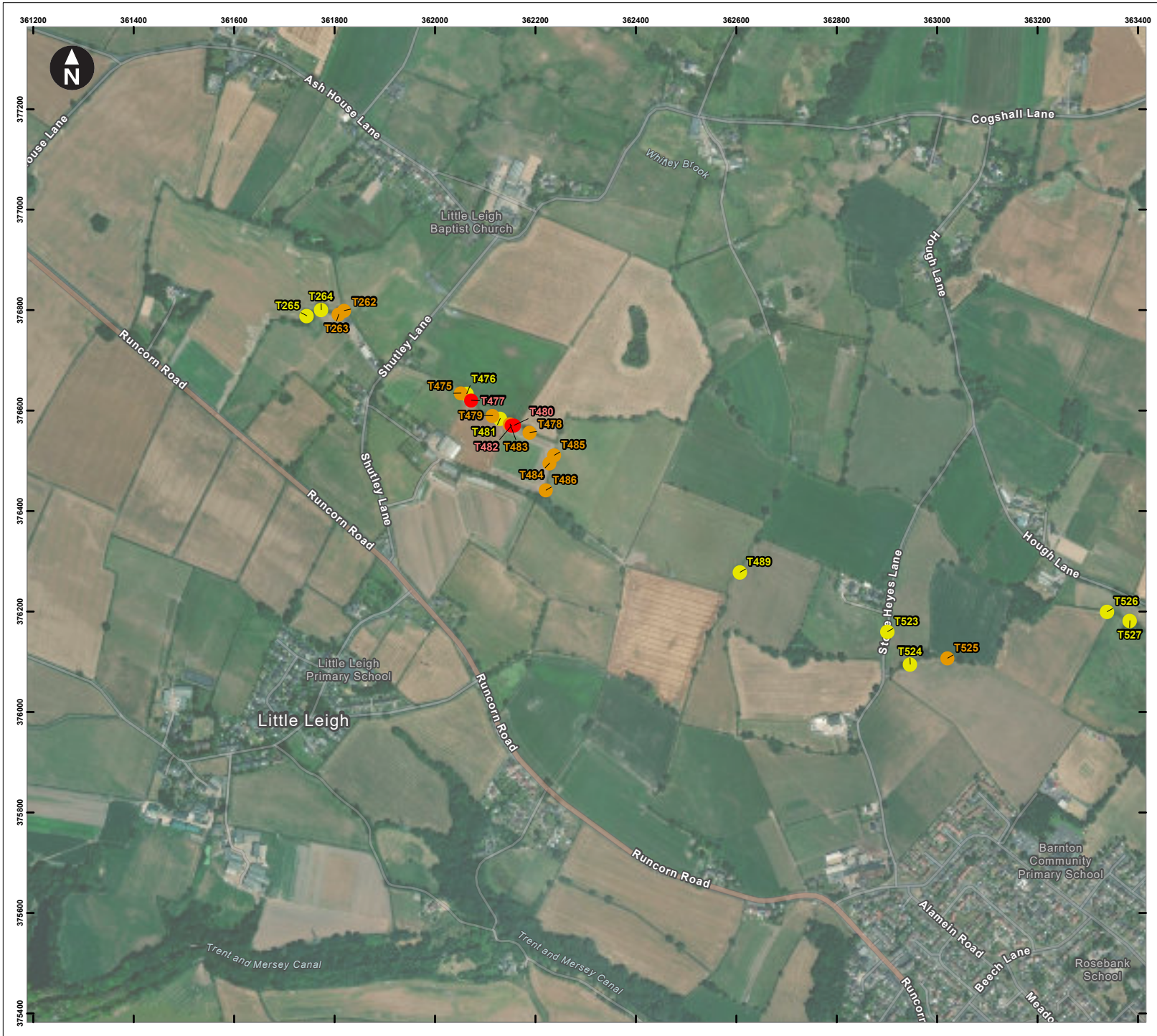
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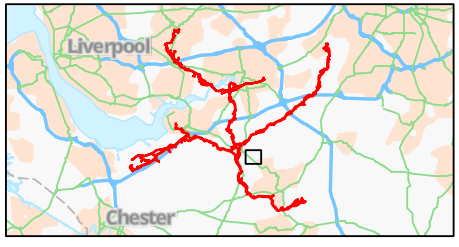


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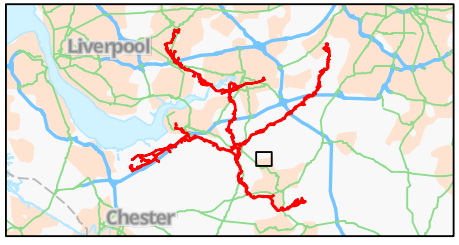


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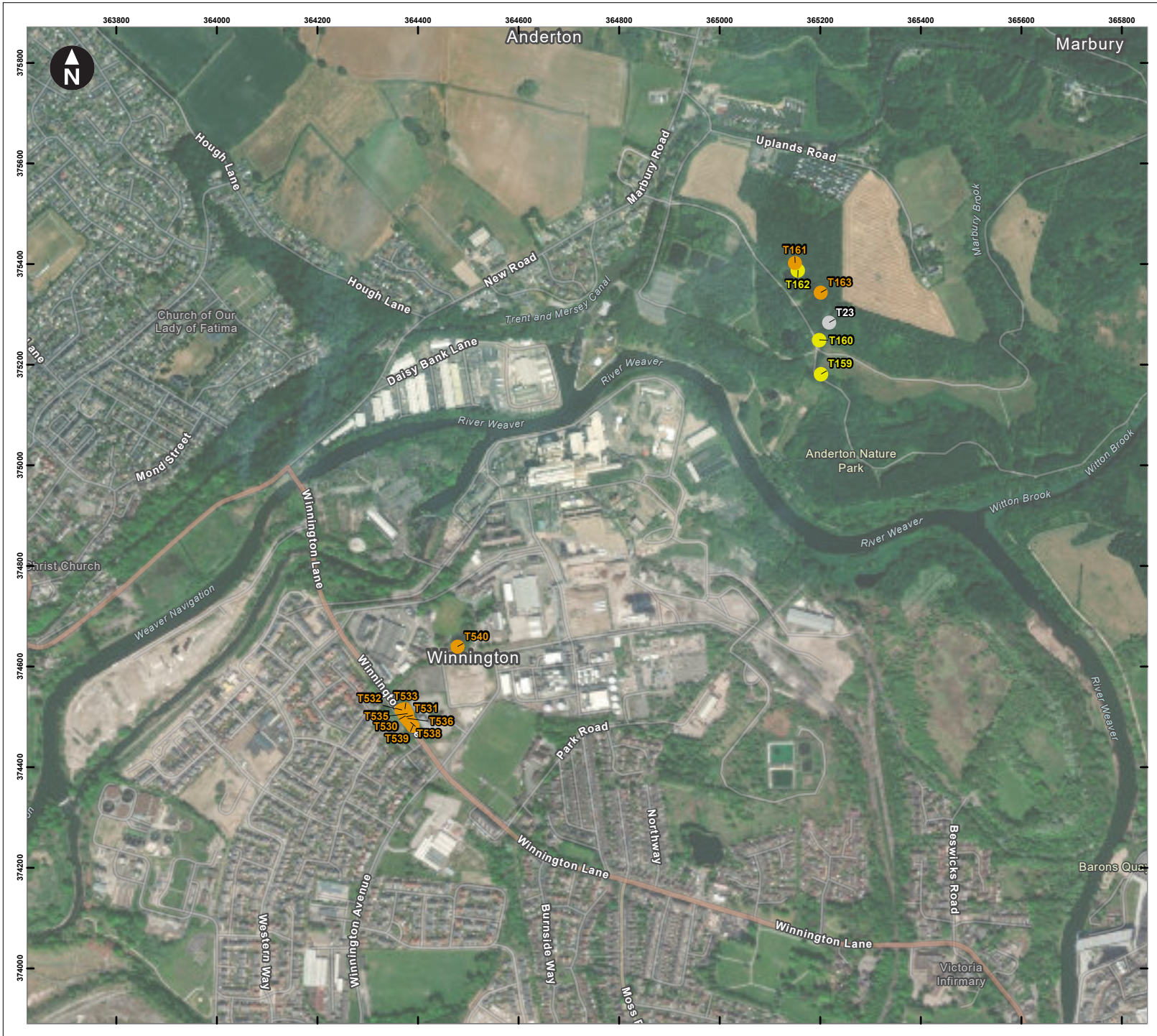
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 22 of 37

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Key

Preliminary order limits

Preliminary order limits - 10m buffer

Bat Roost Potential

Confirmed roost

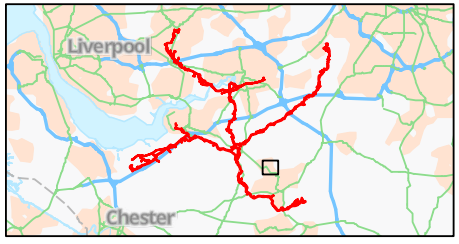
High

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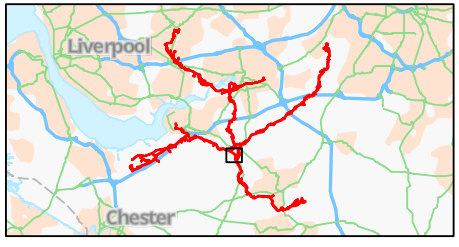


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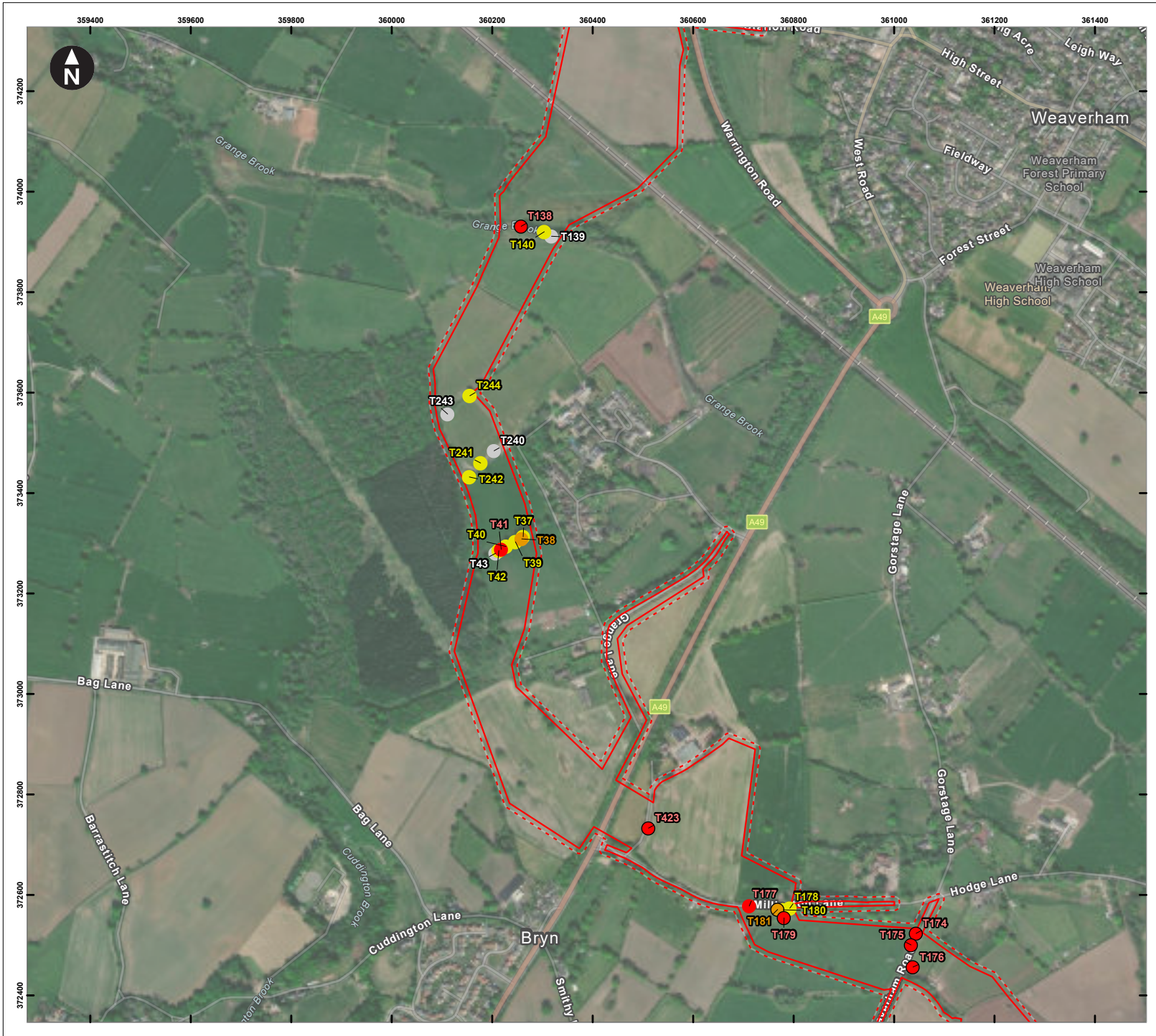
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Chapter 5: Biodiversity
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 24 of 37

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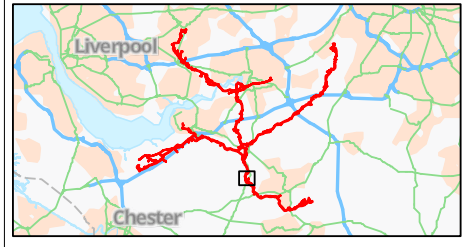


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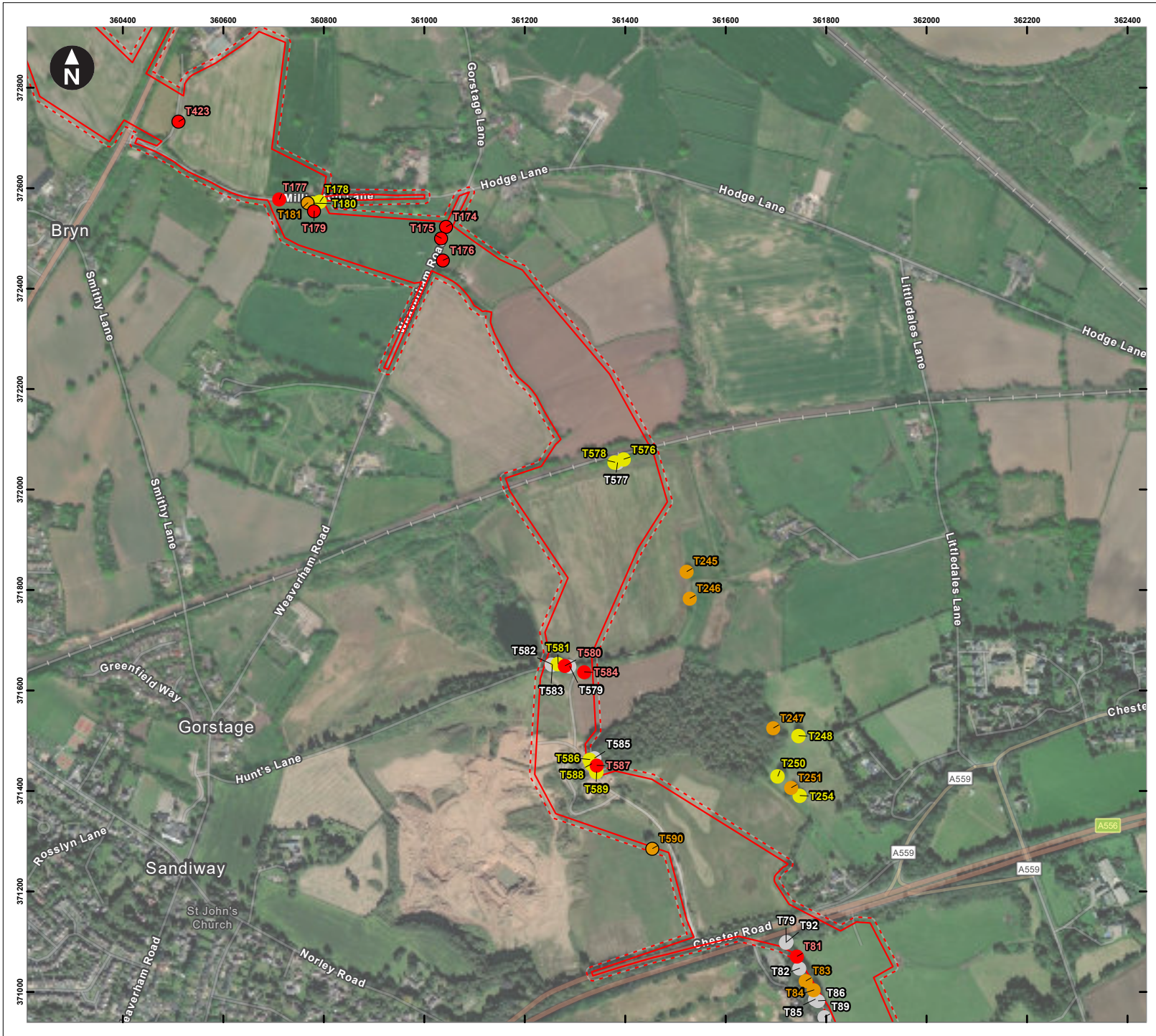
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Chapter 5: Biodiversity
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Tree Location Plan with Bat Roost Potential Categories Page 25 of 37

April 2024

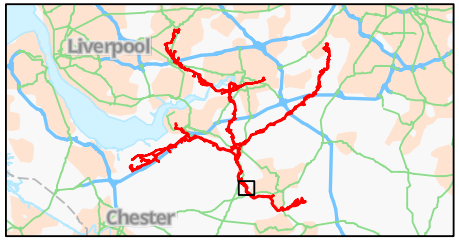


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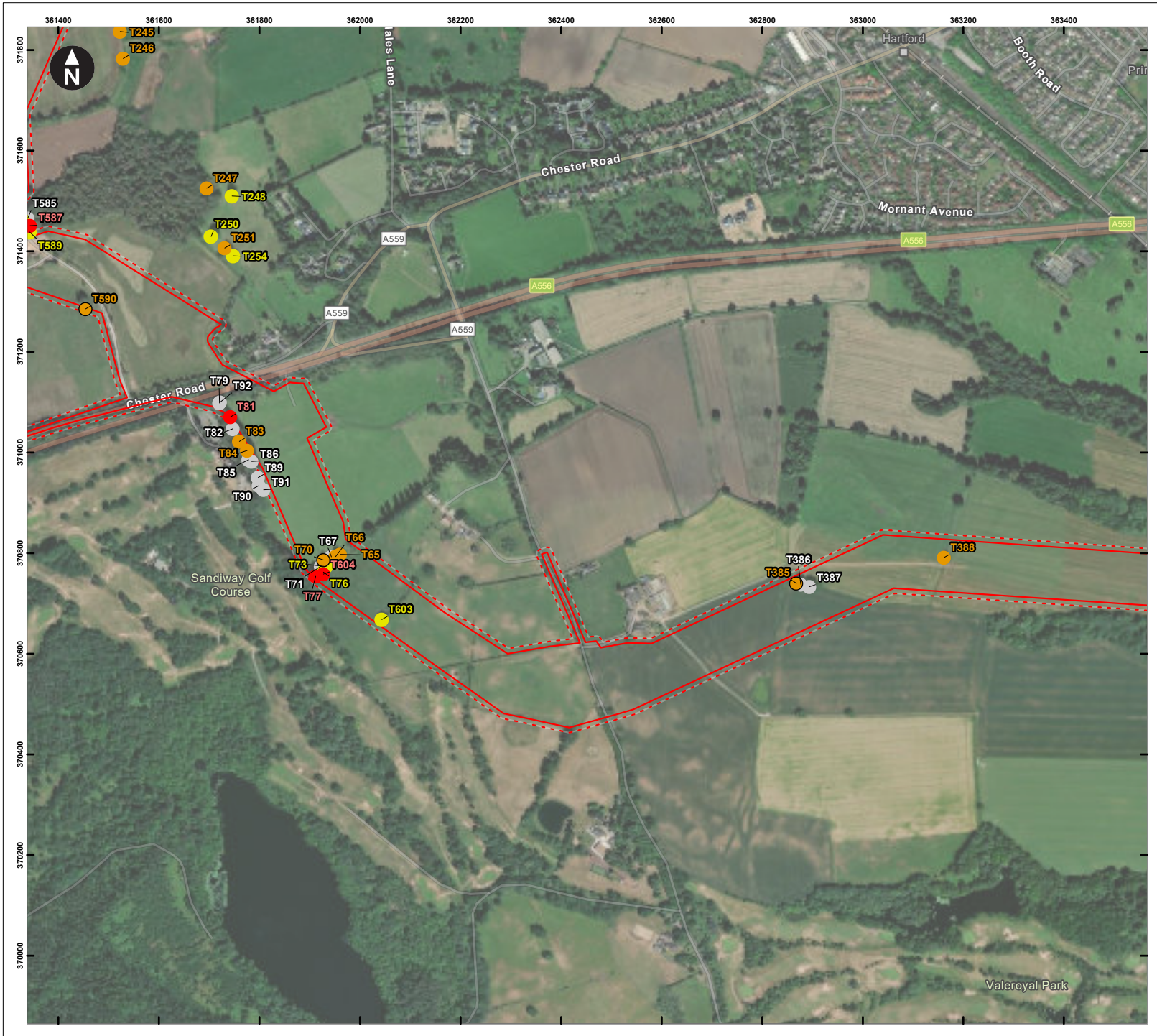
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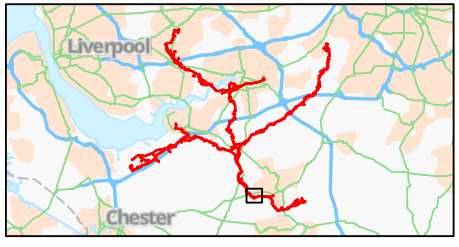


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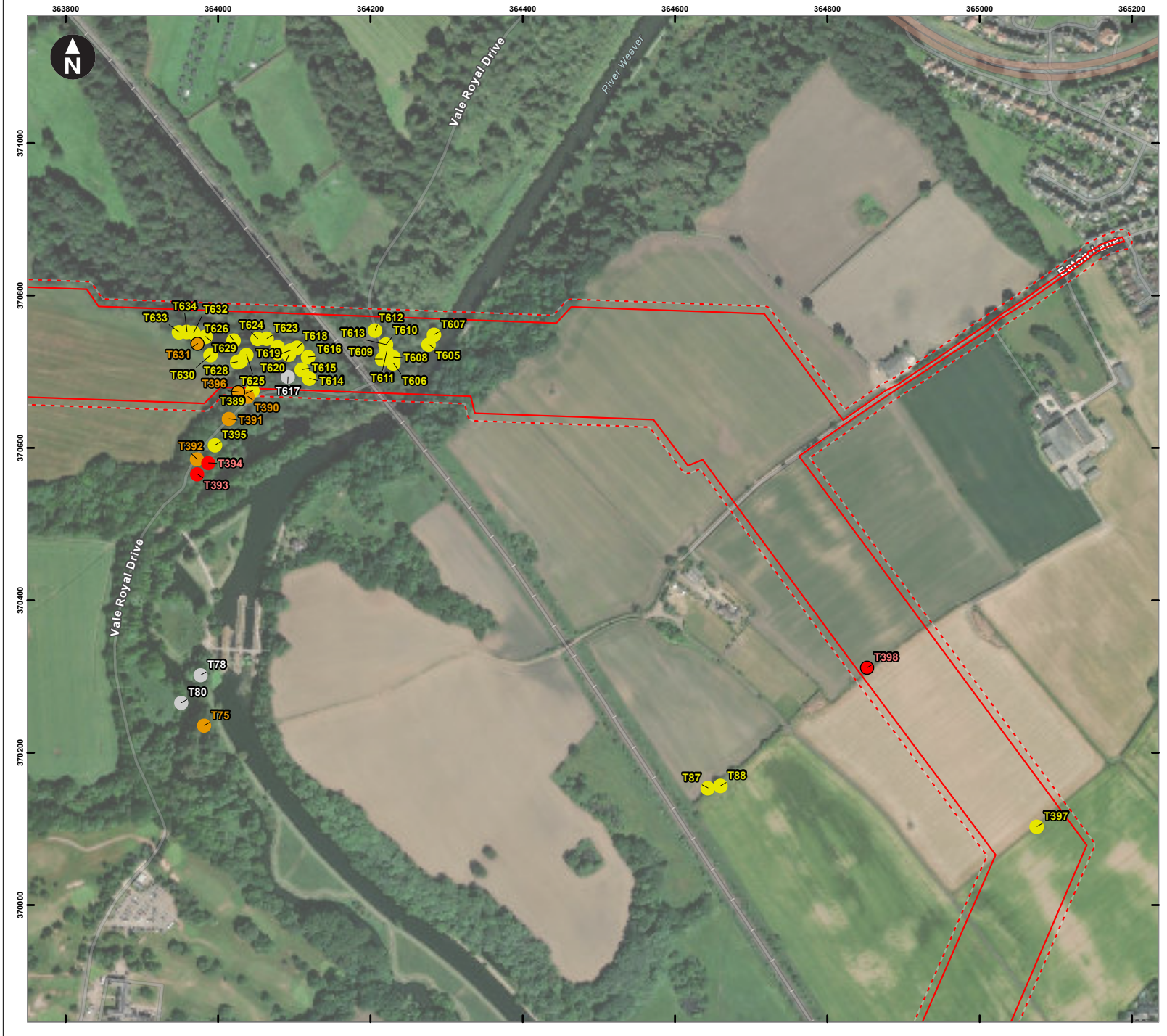
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Chapter 5: Biodiversity
Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 27 of 37

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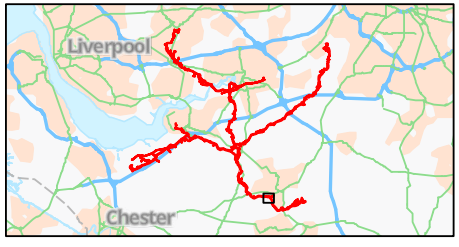


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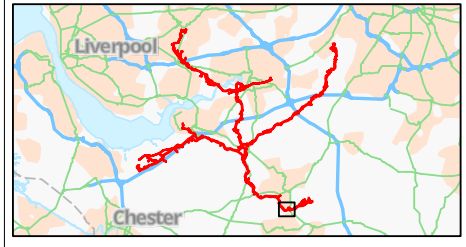


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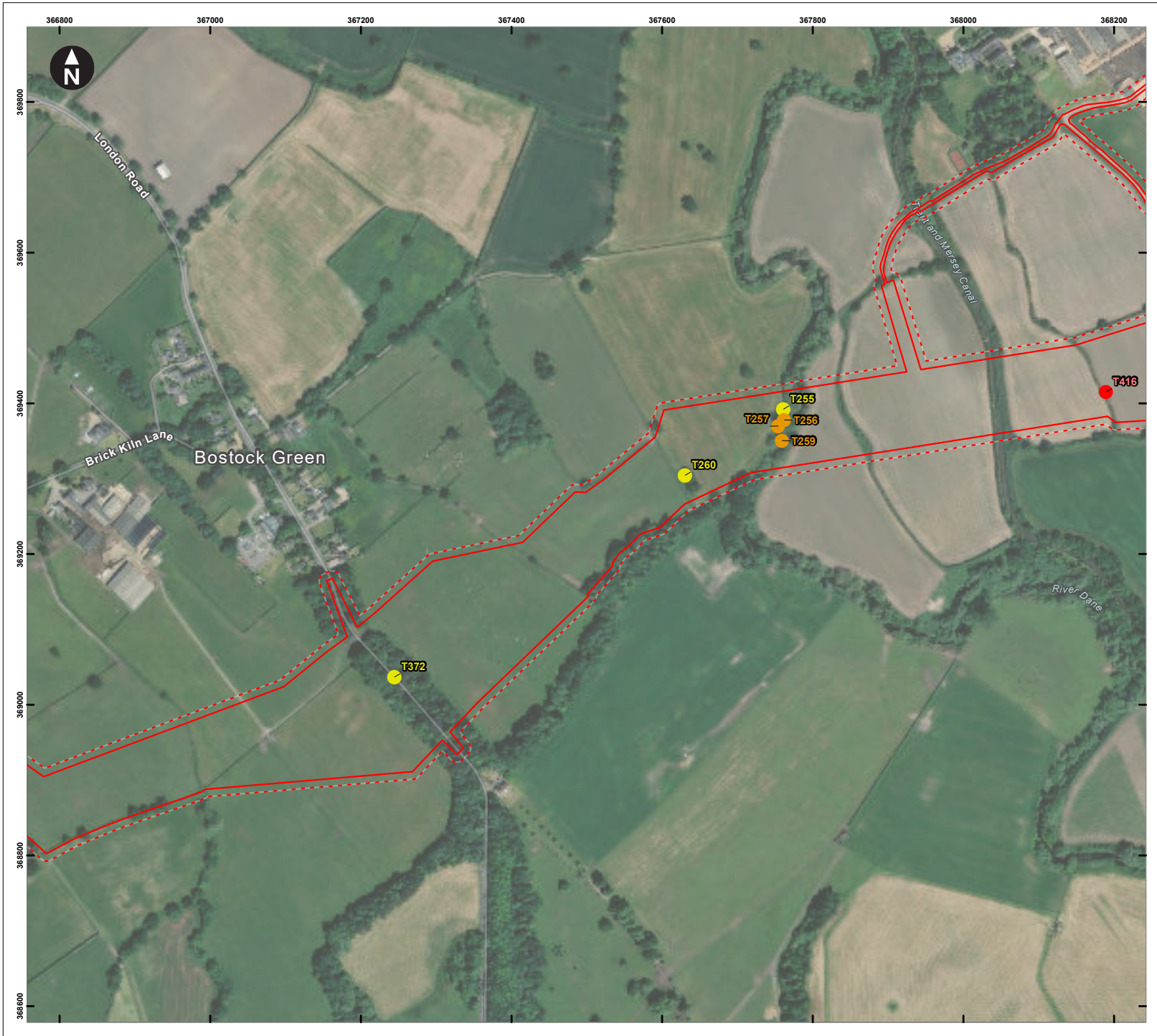
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Chapter 5: Biodiversity
Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 29 of 37

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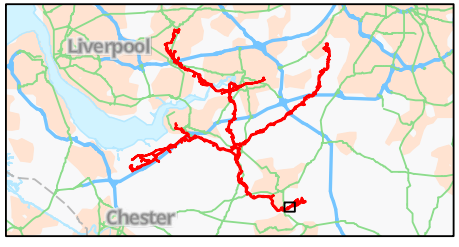


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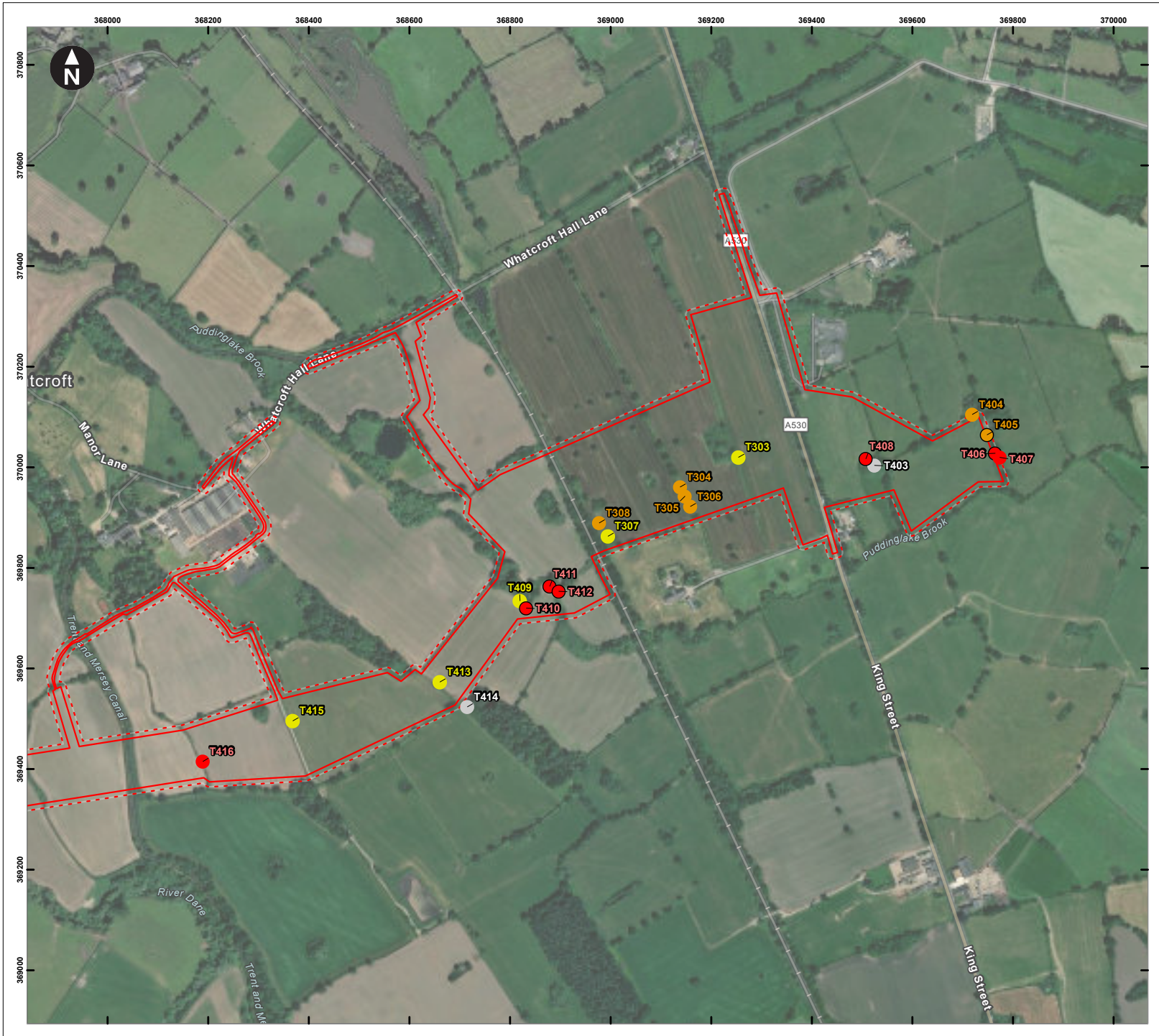
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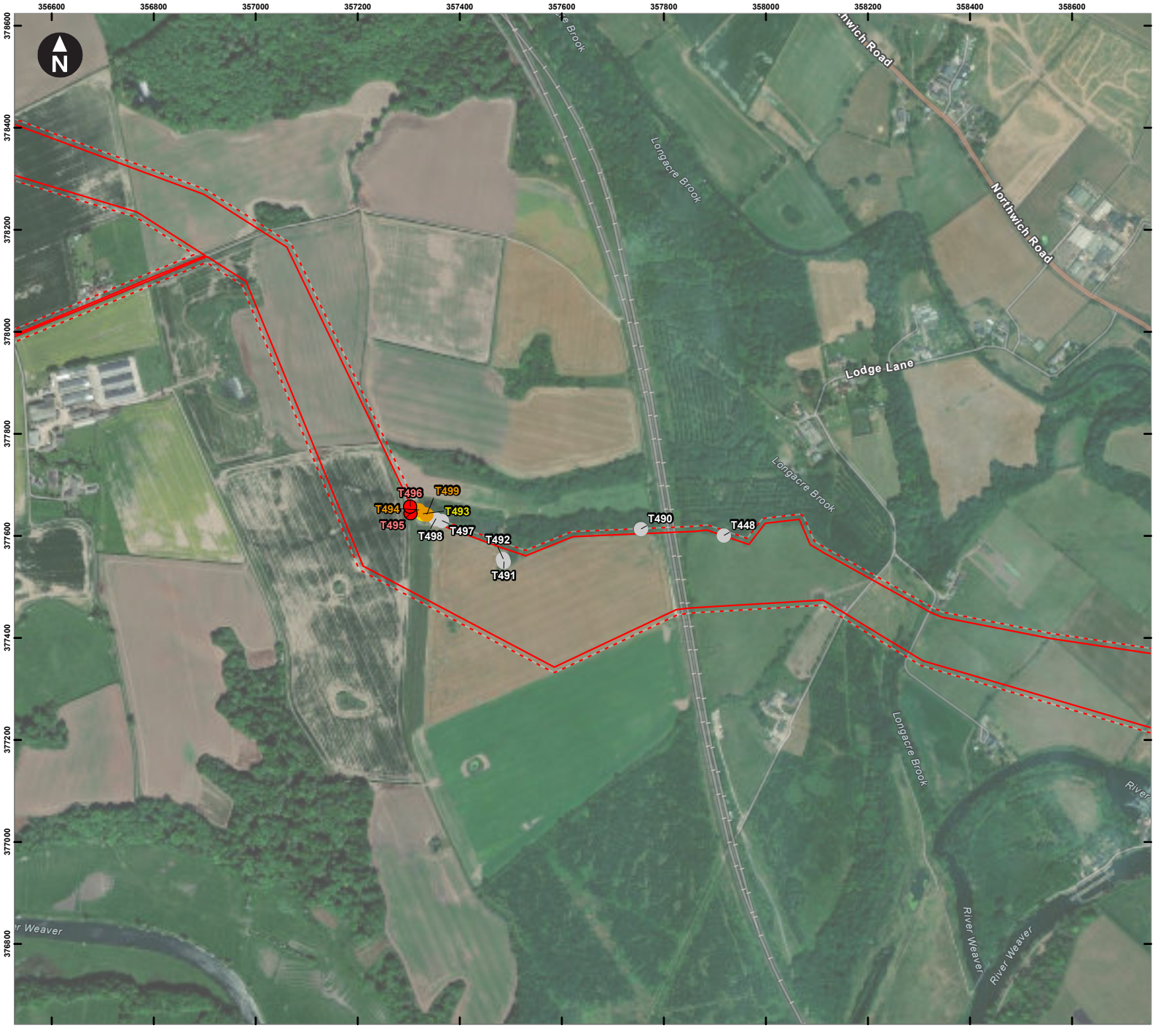
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Hynet Technical Appendix 5E - Bat Tree Surveys

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Tree Location Plan with Bat Roost Potential Categories Page 31 of 37

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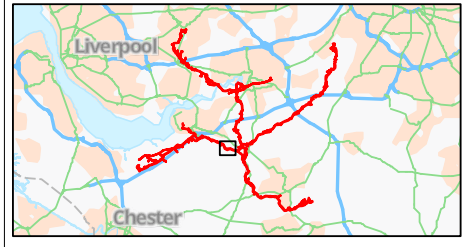


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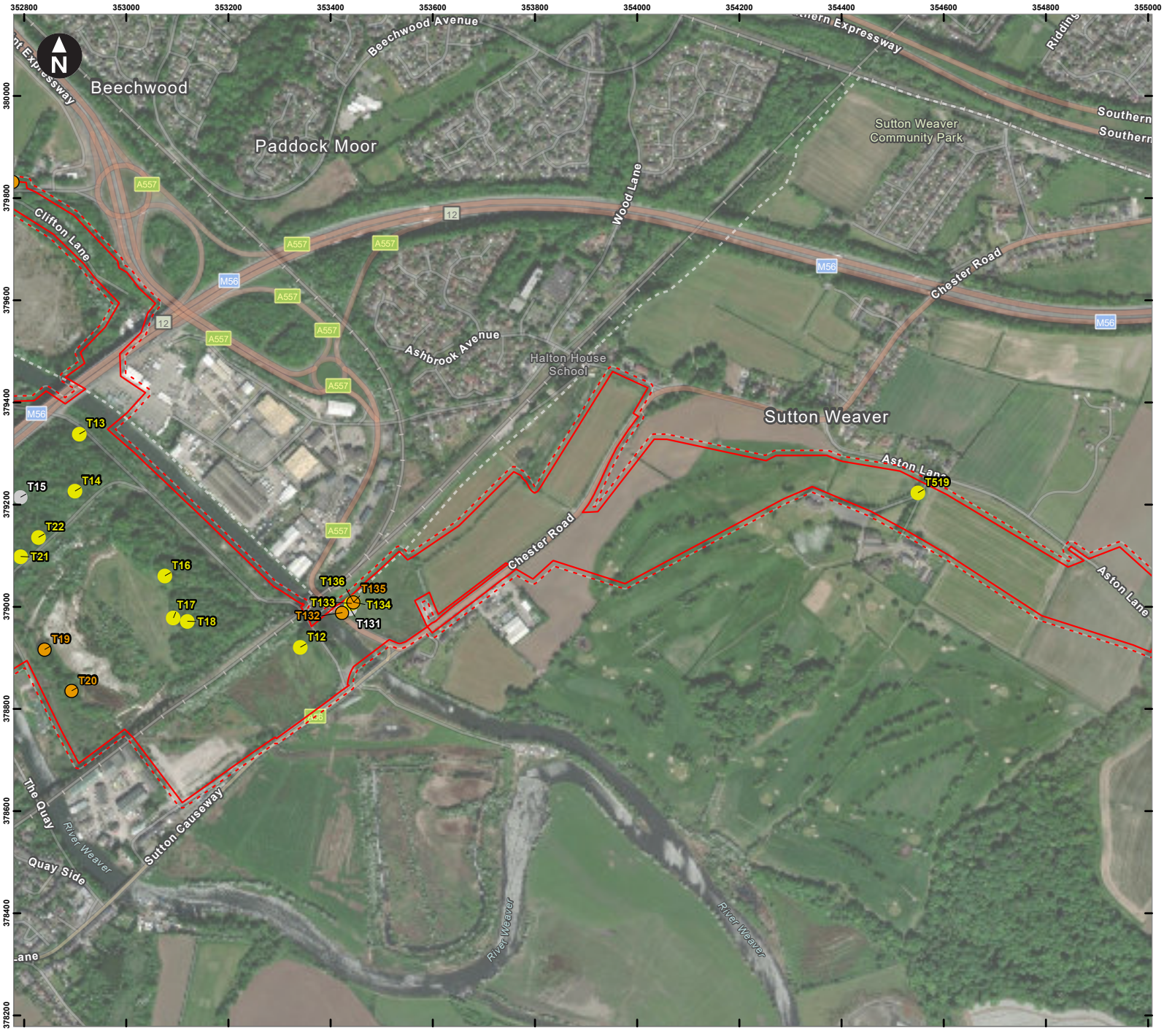
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Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 32 of 37

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TEP wsp

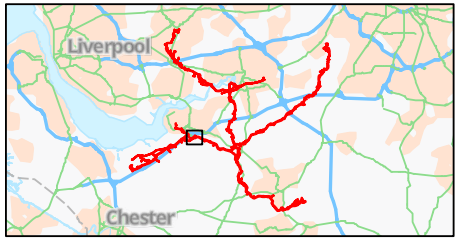


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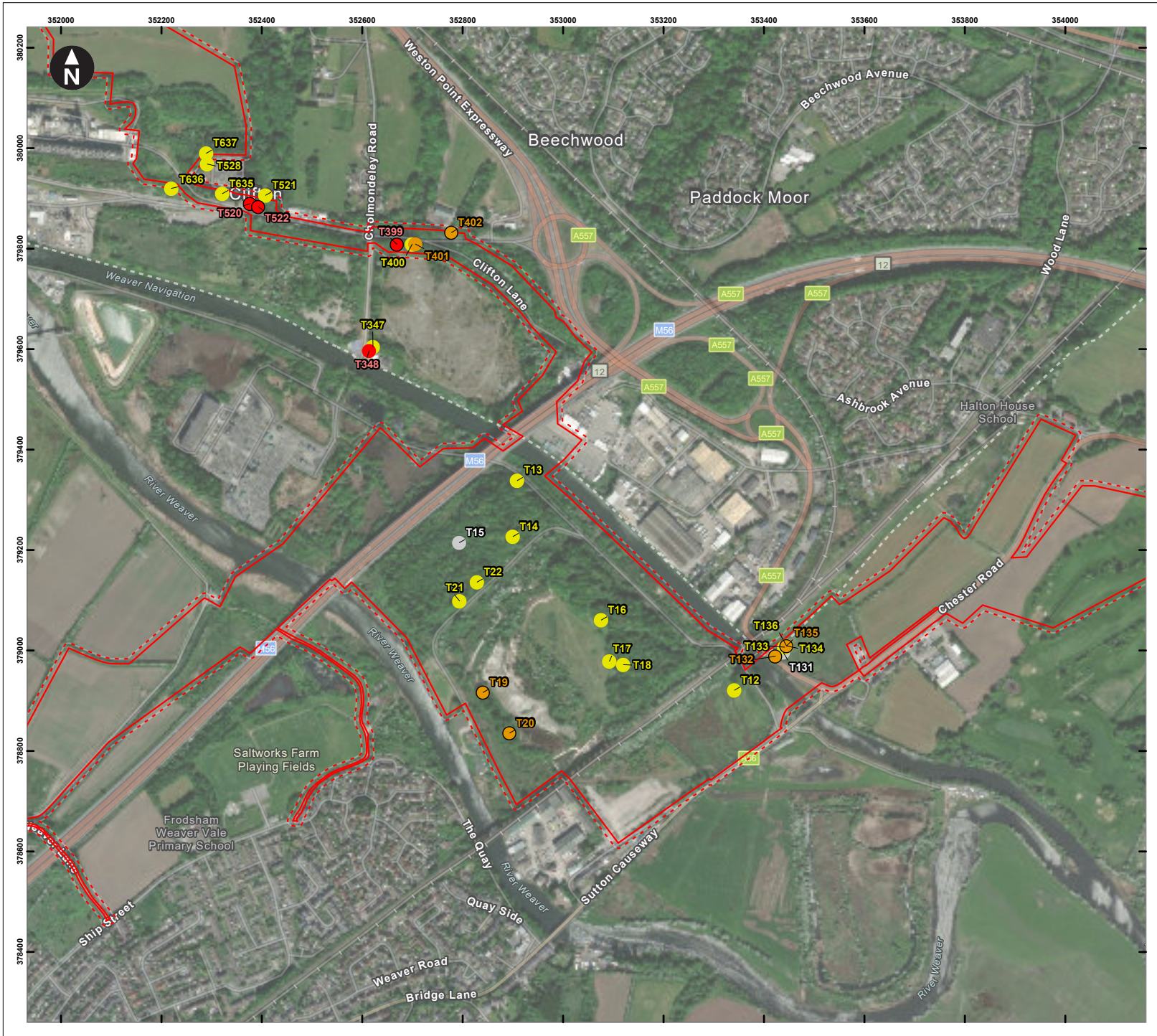
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Chapter 5: Biodiversity
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Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 33 of 37

April 2024

TEP wsp

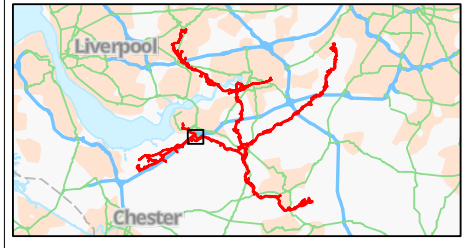


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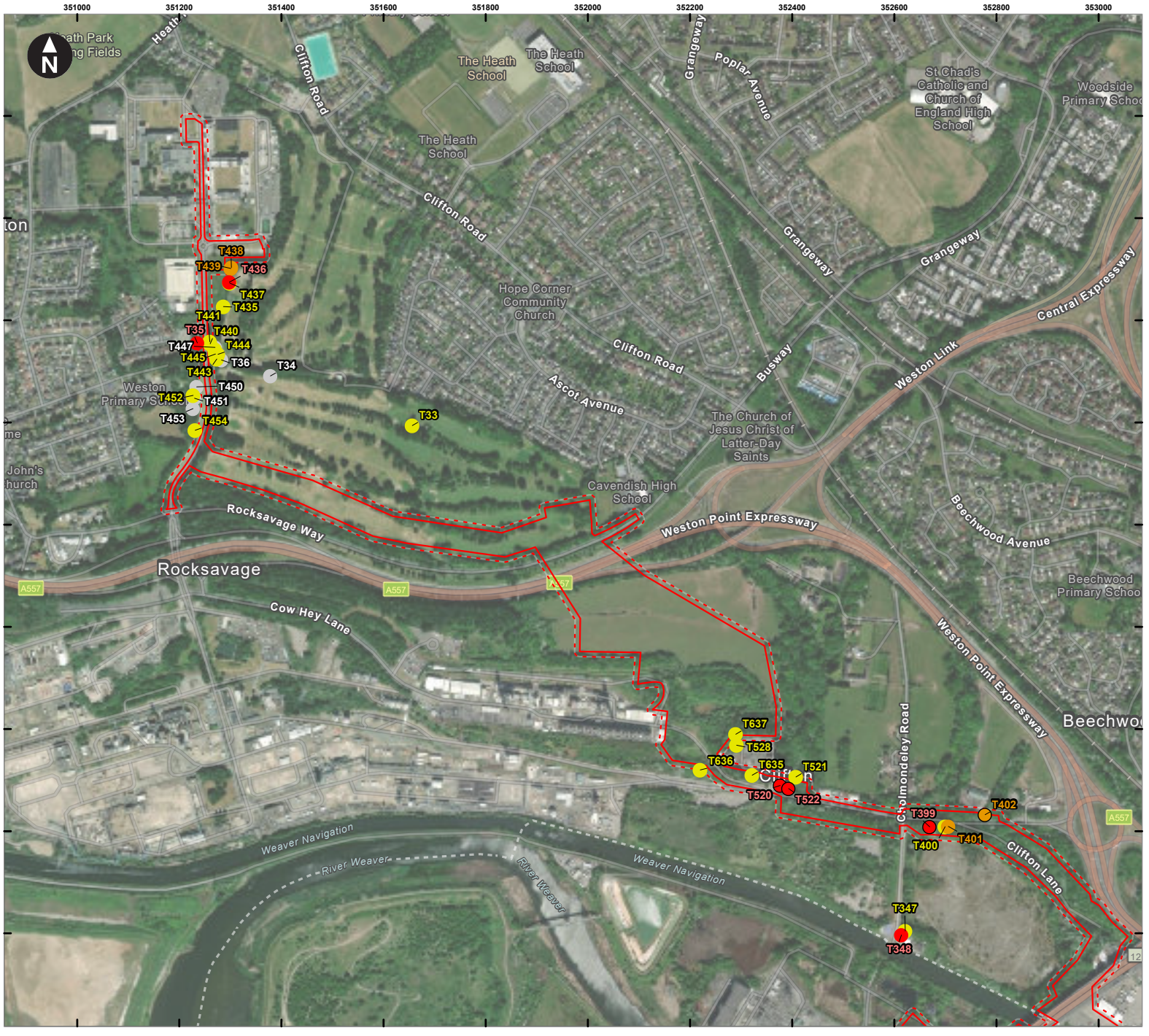
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Tree Location Plan with Bat Roost Potential Categories Page 34 of 37

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TEP wsp

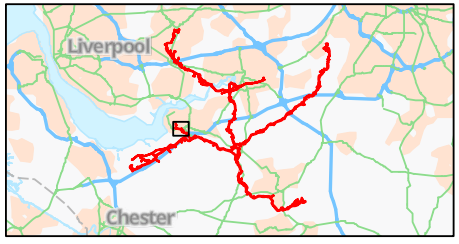


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Hynet Technical Appendix 5E - Bat Tree Surveys

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Tree Location Plan with Bat Roost Potential Categories Page 35 of 37

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TEP wsp

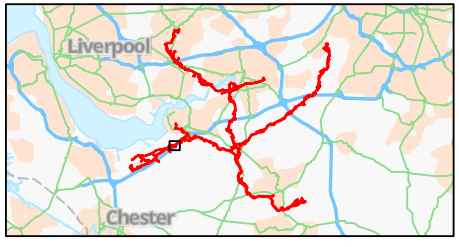


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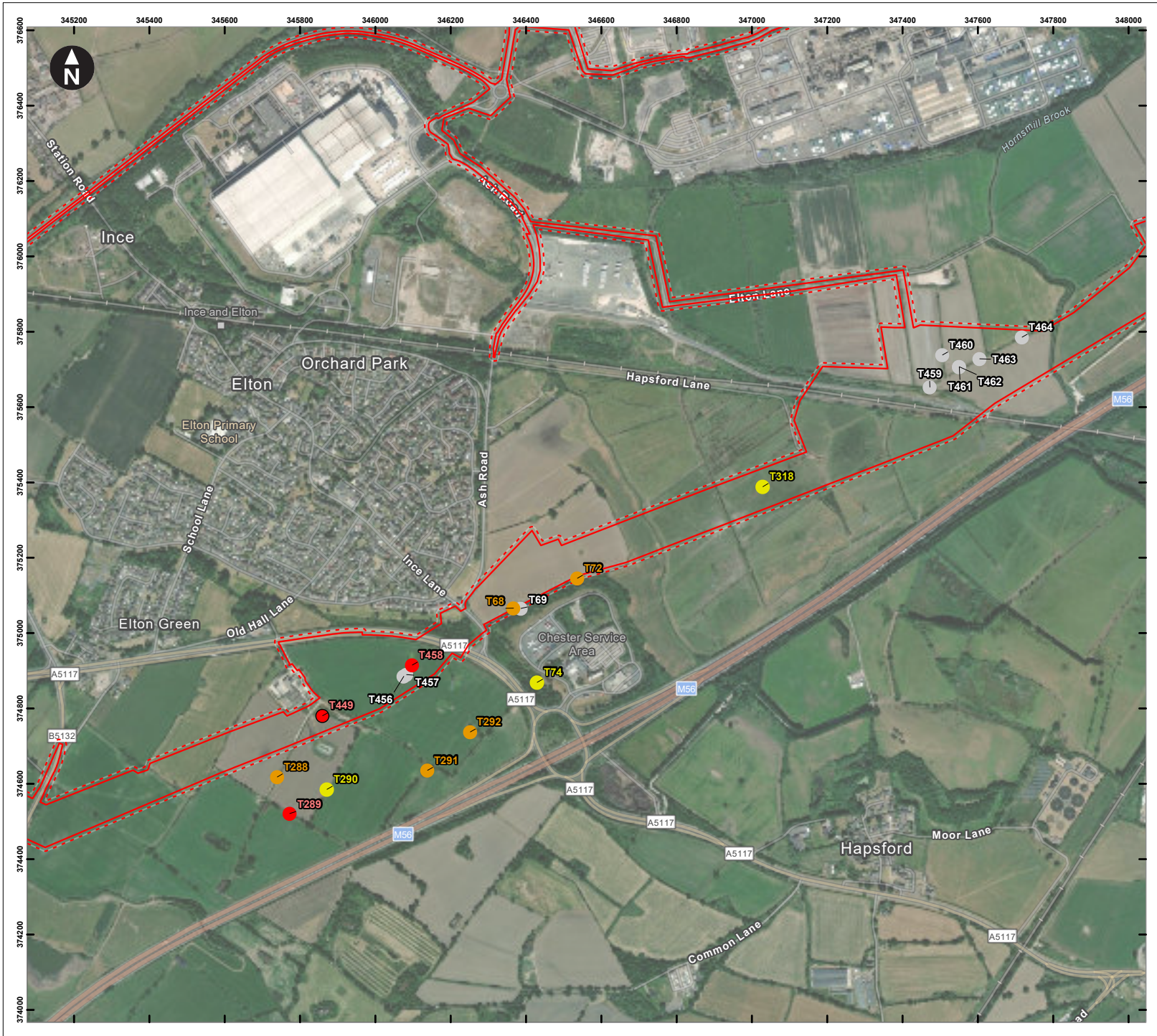
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Tree Location Plan with Bat Roost Potential Categories Page 36 of 37

April 2024

TEP wsp

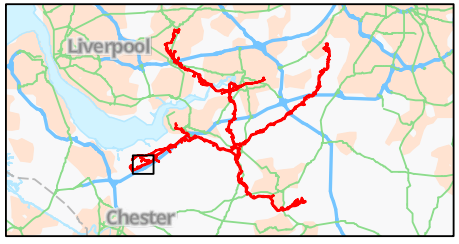


Key

- Preliminary order limits
- Preliminary order limits - 10m buffer

Bat Roost Potential

- Confirmed roost
- High
- Moderate
- Low
- Negligible
- Surveys incomplete - category may change



Scale at A3: 1:10,000

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Hynet Technical Appendix 5E - Bat Tree Surveys

Figure 5E.1
Tree Location Plan with Bat Roost Potential Categories Page 37 of 37

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Key

- Preliminary order limits
- Automated monitoring location
- Transect route



0 0.25 0.5 Km

Scale at A3: 1:7,500

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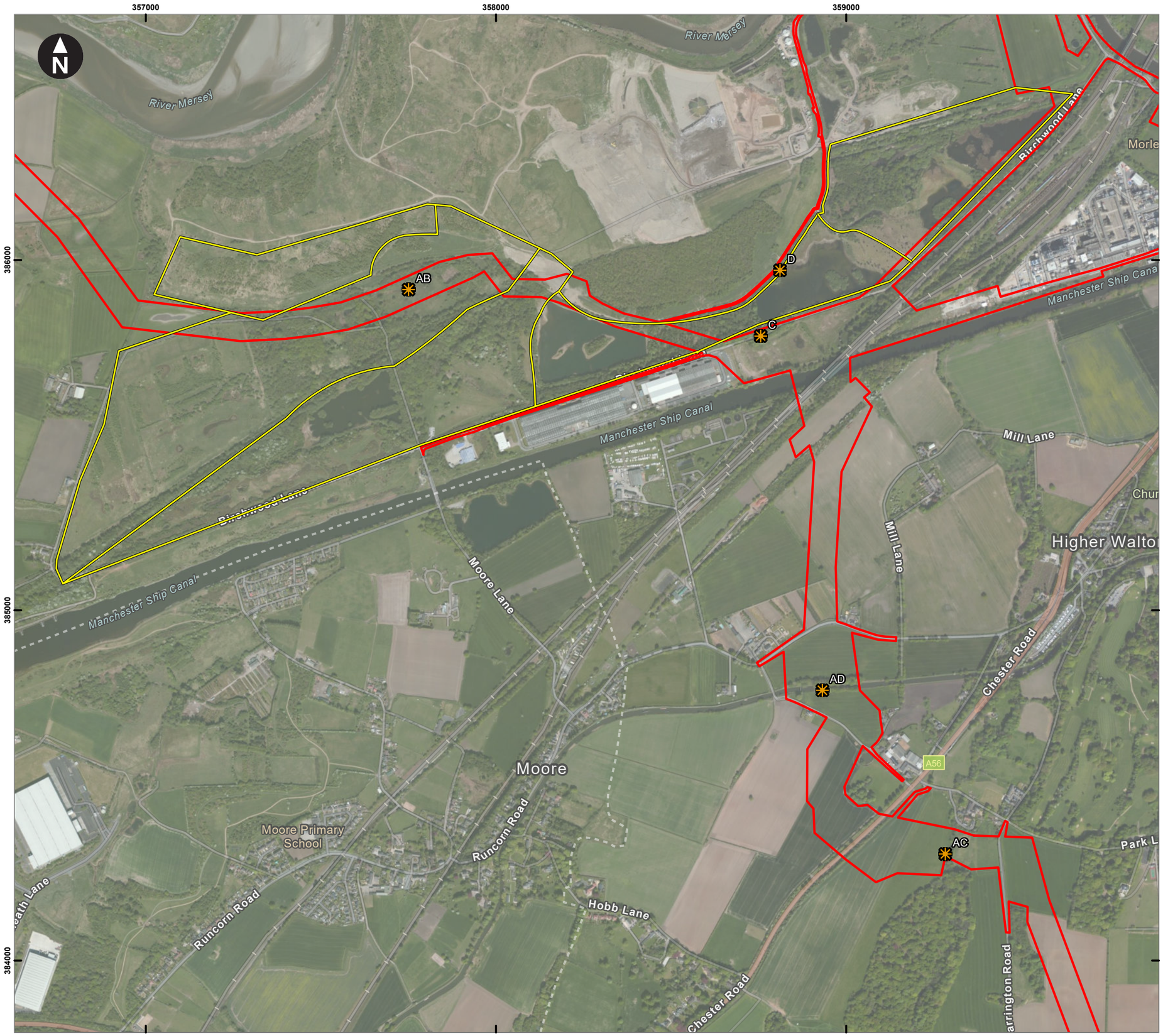
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HyNet Technical Appendix 5E – Bat Activity Survey

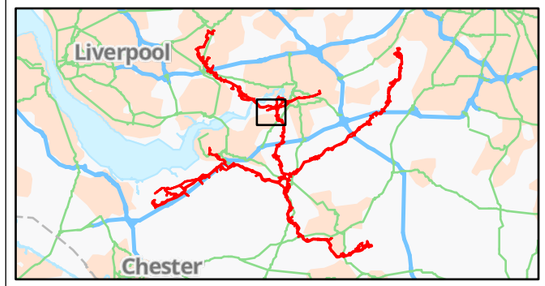
Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Area 1

February 2024



Key

- Preliminary order limits
- Automated monitoring location
- Transect route



0 0.4 0.8 Km

Scale at A3: 1:11,000

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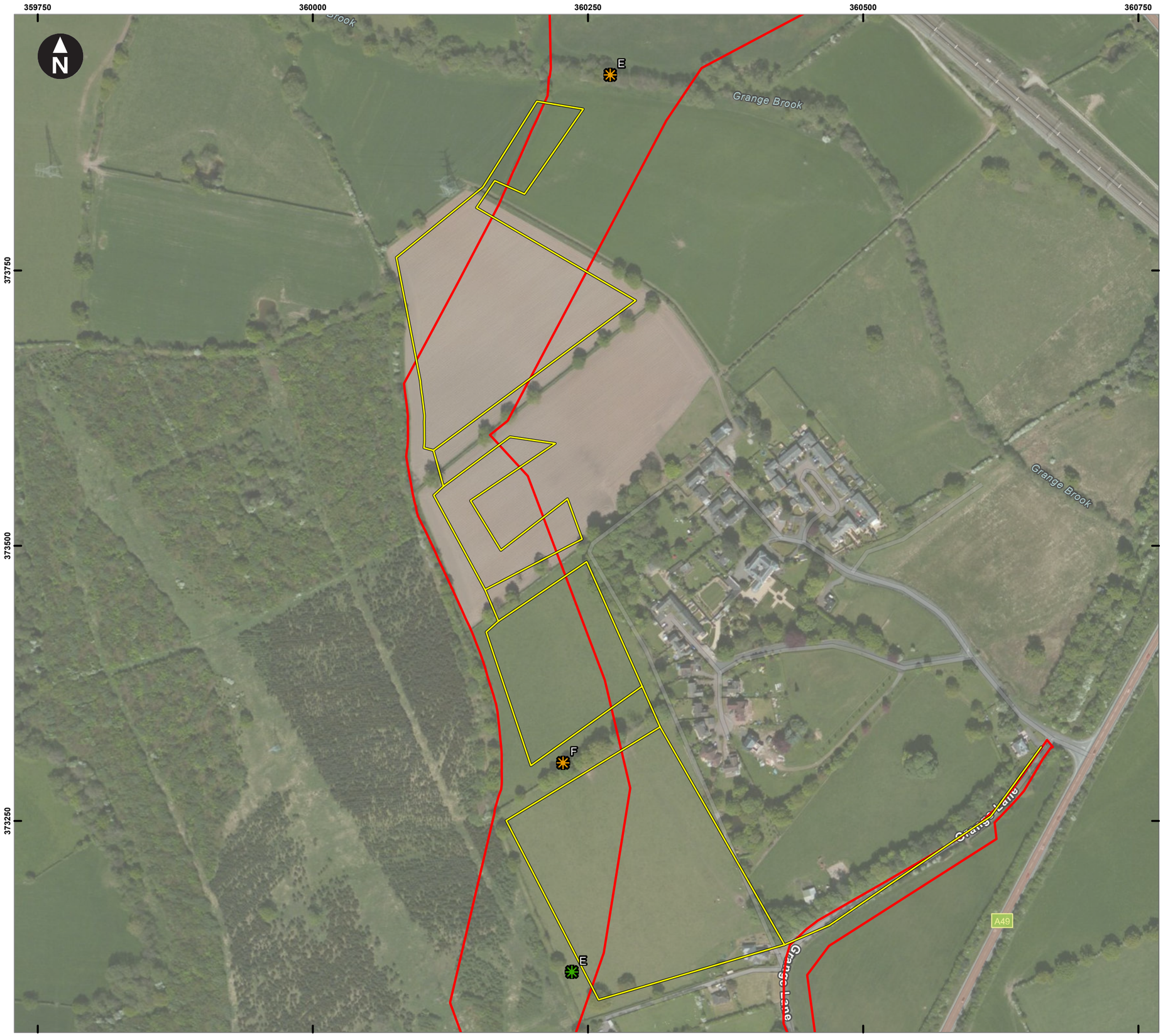
Client

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HyNet Technical Appendix 5E – Bat Activity Survey

Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Area 2

February 2024



Key

- Preliminary order limits
- Automated monitoring location
- Alternative location used for May survey only due to lack of access to northern location
- Transect route



0 0.1 0.2 Km

Scale at A3: 1:3,500

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Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Area 3

February 2024

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Key

- Preliminary order limits
- Automated monitoring location
- Transect route



0 0.05 0.1 Km

Scale at A3: 1:2,250

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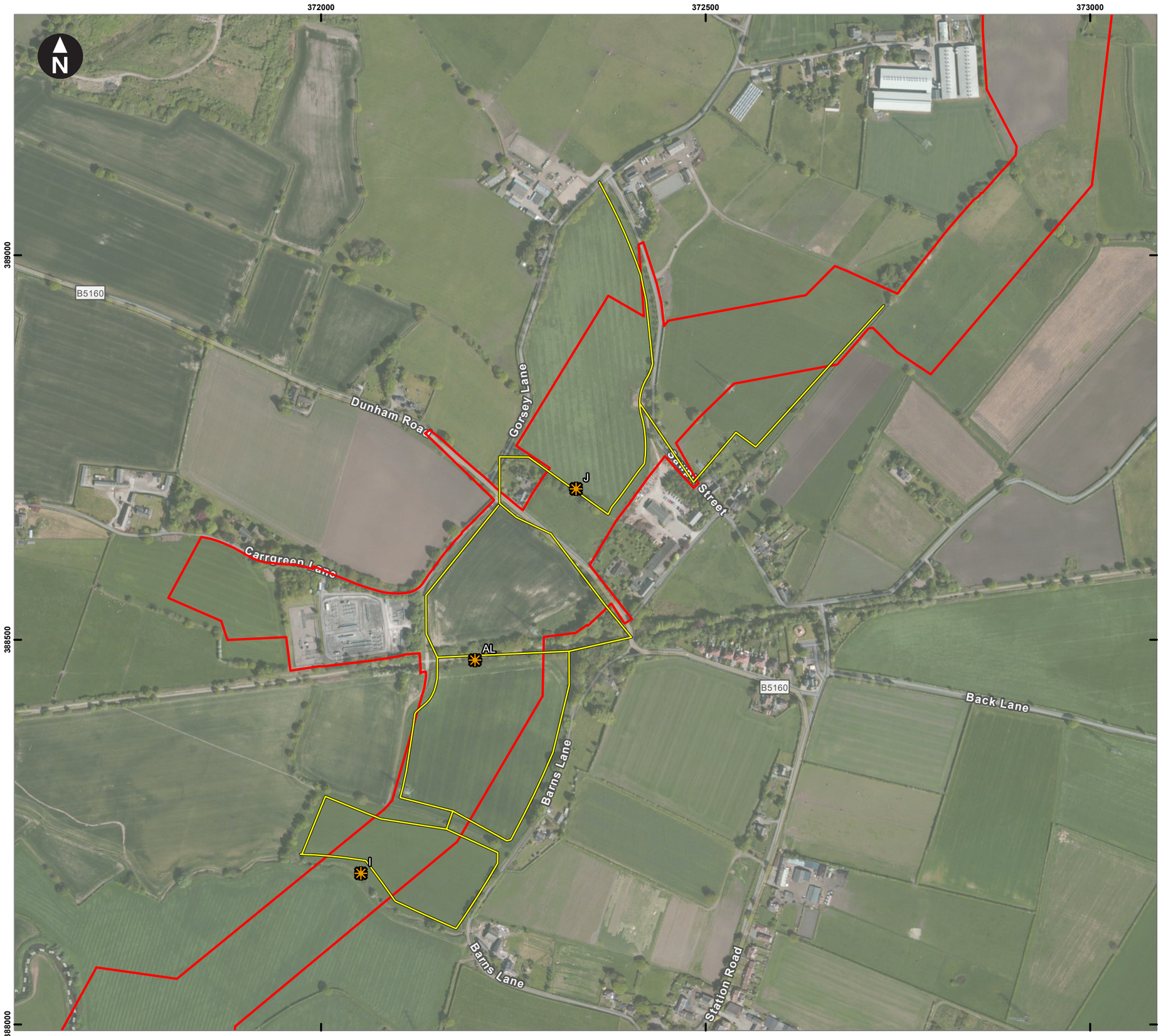
Client

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Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Area 4

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Key

- Preliminary order limits
- Automated monitoring location
- Transect route



0 0.1 0.2 Km

Scale at A3: 1:5,000

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Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Area 5

February 2024



Key

- Preliminary order limits
- Automated monitoring location
- Transect route



0 0.1 0.2 Km

Scale at A3: 1:4,000

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Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Area 6

February 2024

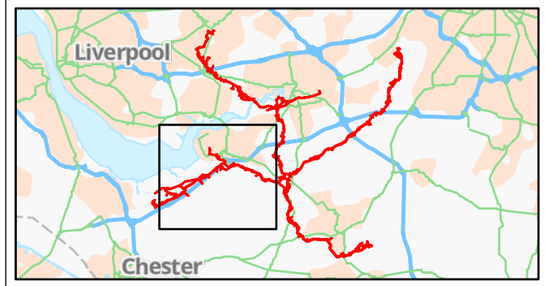
TEP wsp



Key

Preliminary order limits

Automated monitoring location



Scale at A3: 1:45,000

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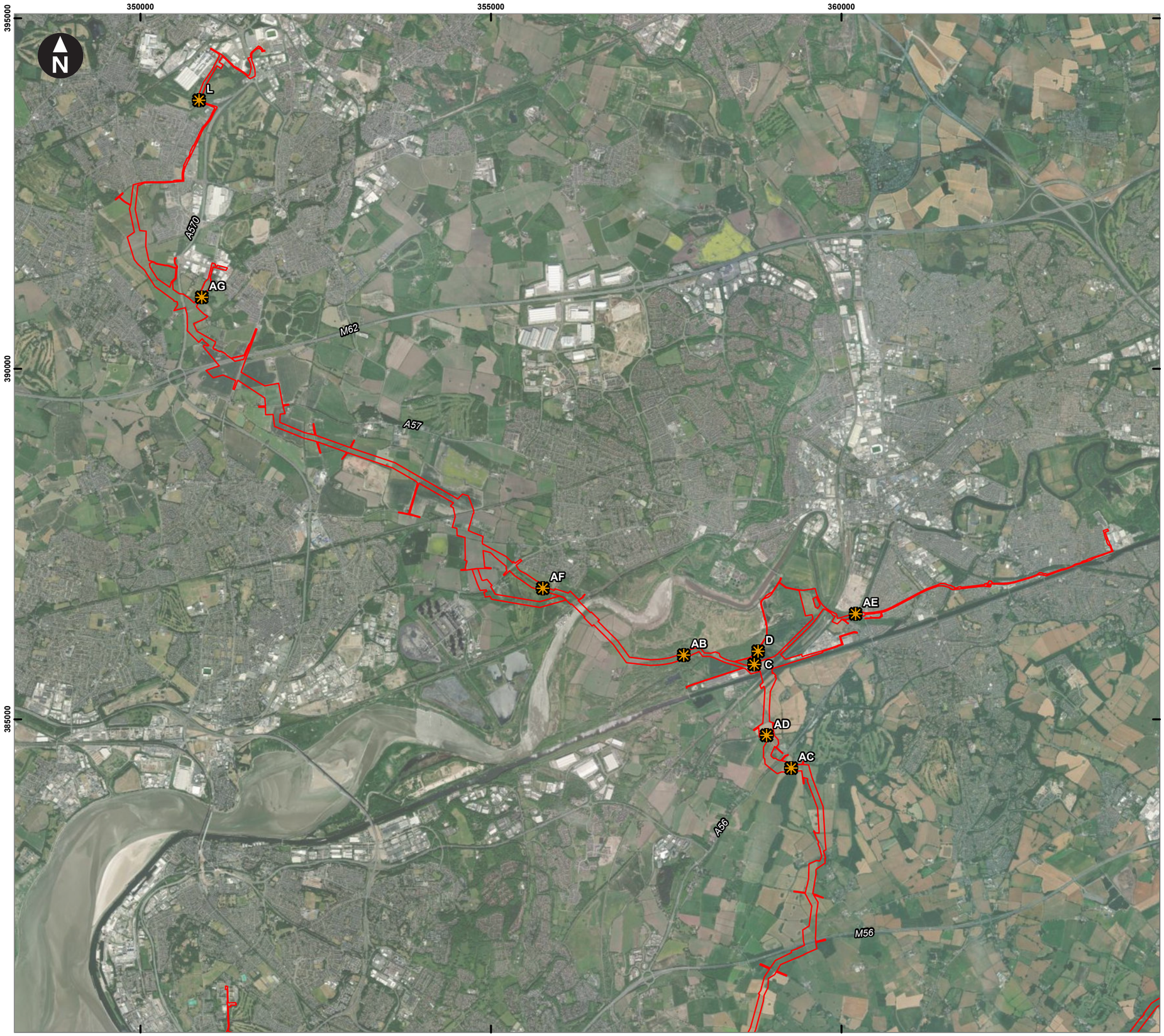
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HyNet Technical Appendix 5E – Bat Activity Survey

Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Automated Monitoring Locations - Western Mainline

TEP wsp

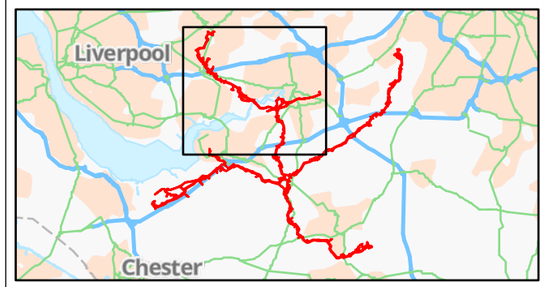
February 2024



Key

Preliminary order limits

Automated monitoring location



Scale at A3: 1:55,000

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Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Automated Monitoring Locations - Northern Mainline

February 2024

360000

365000

370000

375000

370000

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A533

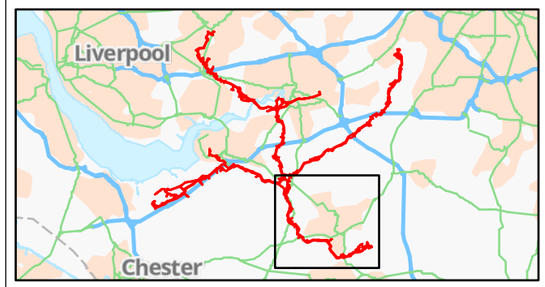
A556

A530

Key

Preliminary order limits

Automated monitoring location



0 1 2 3 Km

Scale at A3: 1:40,000

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Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Automated Monitoring Locations - Southern Mainline

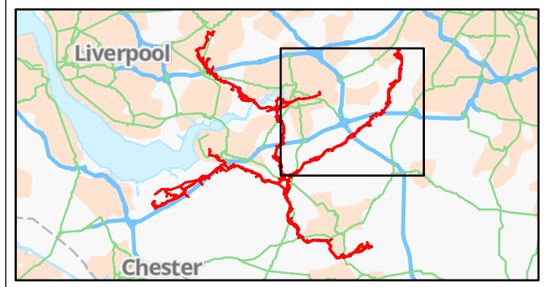
February 2024



Key

Preliminary order limits

Automated monitoring location



Scale at A3: 1:55,000

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Figure 5E.2
Bat Transect Route and Automated Monitoring Locations - Automated Monitoring Locations - Eastern Mainline

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