Light Valley Solar

Preliminary Environmental Information Report

Volume 3, Appendix 12.1: Breeding Bird Survey Report

June 2025

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Breeding Bird Survey Report

Light Valley Solar

June 2025

TG Report No. 16807_R01b_LJ

Tyler Grange

Project No:	Report No.	Date	Revision
16807	R01b	22nd May 2025	B

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Section 1: Introduction and Context

1.1. This breeding bird survey report has been produced by Tyler Grange Limited on behalf of Light Valley Solar Limited (Applicant) and relates to the Proposed Development of solar photovoltaic (PV) modules, Battery Energy Storage System (BESS) and associated infrastructure.

1.2. The Proposed Development's boundary, herein referred to as the Site Location and PEIR Assessment Area (Figure 1.1 (PEIR Volume 2)), is made up of two broad areas, the Solar Development Sites and the Cable Corridor Options Area. The total area within the Solar Development Sites is approximately 1,022 ha. The entirety of the PEIR Assessment Area is within the administrative area of North Yorkshire Council and falls within what was Selby district.

1.3. The Solar Development Sites and Cable Corridor Options Area will be subject to refinement as the design and interlinked environmental assessment progress, and taking account of consultation and engagement feedback. Optioneering is ongoing to finalise the best Cable Corridor locations for underground electric cable connections linking the Solar Development Sites and the existing Monk Fryston Substation, where the Proposed Development will connect to the National Grid.

1.4. The Solar Development Sites are split across a total of seven separate land parcels (Solar Development Sites 1-4 and 6-8) as presented in the Indicative Site Layout Plan (Figure 2.1 (PEIR Volume 2)). The Solar Development Sites 1-4 comprise parcels of agricultural fields bound by hedgerows, ditches, and some mature trees, with small blocks of woodland and scrub.

1.5. Solar Development Site 6, 7 and 8 have not yet been subject to breeding bird surveys as these Solar Development Sites were added into the PEIR Assessment Area after the 2024 breeding bird season (April-June). The surveys of Solar Development Sites 6-8 will therefore be completed between April and June 2025, and the results will inform the ES for inclusion within the DCO Application. From aerial mapping, Solar Development Sites 6-8 appear to mainly comprise large open agricultural fields, similar to the habitats provided in Solar Development Sites 1-4.

1.6. Following the completion of the breeding bird surveys within Solar Development Site 5, the Solar Development Site was subsequently removed from the PEIR Assessment Area. However, the results of the breeding bird surveys within Solar Development Site 5 are still included within this appendix as the habitats provided within Solar Development Site 5 are representative of the remaining Solar Development Sites, and the results provide additional context into the breeding bird assemblage within the local area.

1.7. At present, no breeding bird surveys have been completed for the Cable Corridor Options Area, and as such, this report covers survey results for the Solar Development Sites 1-4 only. Surveys of the Cable Corridor Options Area will be undertaken in 2025.

Quality Control

1.8. All ecologists at Tyler Grange Group Limited are members of the Chartered Institute of Ecology and Environmental Management (CIEEM) or are working towards membership, and act under the direction of members and abide by the Institute's Code of Professional Conduct[1].

[1] CIEEM (2022) Code of Professional Conduct, CIEEM, Winchester

Section 2: Legislation and Conservation Status

2.1. All birds are protected under the provisions of the Wildlife and Countryside Act (WCA) 1981 (as amended). Some receive additional protection under Schedule 1 of the Act.

2.2. Several bird species are listed as a Priority Species in the UK Post-2010 Biodiversity Framework which provides a statutory list of priority species in England, Scotland, Wales and Northern Ireland, as required under Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006 (England), Section 7 of the Environment (Wales) Act 2016, Section 2(4) of the Nature Conservation (Scotland) Act 2004, and Section 3(1) of the Wildlife and Natural Environment Act (Northern Ireland) 2011. Decision-makers such as Local Planning Authorities must have regard to Priority species in all their activities, including when making decisions on planning applications.

2.3. The Birds of Conservation Concern (BoCC)[2] compiled by Royal Society for the Protection of Birds (RSPB) / British Trust for Ornithology (BTO), commonly referred to as the UK Red List for birds, provides detail on the conservation status of all regular breeding and wintering bird species in the United Kingdom (U.K), Channel Islands and the Isle of Man. Bird species have been assigned to one of three groups (Red, Amber or Green) based on their conservation status, with each group defined as follows:

- RED List species are those that are globally threatened according to the International Union for Conservation of Nature (IUCN) criteria; those whose population or range has declined rapidly (≥ 50%) in recent years; and those that have declined historically and not shown a substantial recent recovery;
- AMBER List species are those with an unfavourable conservation status in Europe, those whose population or range has declined moderately (25%-49%) in recent years; those whose population has declined historically but made a substantial recent recovery; rare breeders; and those with internationally important or localised populations; and
- GREEN List species are the remaining species and being on this list indicates that they are of low conservation priority, although population sizes should be monitored.

[2] Stanbury, A., Eaton, M., Aebischer, N., Balmer, D., Brown, A., Douse, A., Lindley, P., McCulloch, N., Noble, D., and Win I. (2021) The status of our bird populations: the fifth Birds of Conservation Concern in the United Kingdom, Channel Islands and Isle of Man and second IUCN Red List assessment of extinction risk for Great Britain. *British Birds* **114**: 723-747

Section 3: Methodology

Breeding Bird Survey

3.1. Four breeding bird surveys were undertaken between April and June over seven transects spanning the four Solar Development Sites. Surveys were undertaken by experienced ecologists and comprised walked transect surveys, as shown on **Plans 16807/P06-9**, using methods based on a territory mapping methodology in accordance with published guidance[3] [4].

3.2. The survey visits were conducted during the period between one hour after sunrise and approximately 10:00 for dawn surveys, as this is considered to be the optimal time to record bird breeding activity. The dusk survey visit was conducted during the period between 'the last few hours of the day, and extending beyond sunset for at least one hour[5]. The identity and activity of all birds, either seen or heard inside the Solar Development Sites, or within 50 m of their boundary, were recorded on maps of a suitable scale.

3.3. Although the same survey routes were used during all visits, the starting point and survey direction were alternated during each survey so that all areas were covered at varied times after sunrise to ensure even coverage during the peak period of bird activity.

3.4. Bird species were noted using the standard British Trust for Ornithology (BTO) codes. Behaviour considered likely to indicate breeding included: singing, display flights, mating and courtship displays, nesting, carrying of nesting material and birds showing fidelity to a particular patch of ground or vegetation. An aggregation of two or more sightings of a species was taken to be an indication that breeding was likely. Also, if specific behaviours (such as the gathering of nest material, copulations, adults carrying food or recently fledged young) were observed, this was also taken to indicate breeding.

3.5. 'Probable' breeding status was attributed to those species that were regularly recorded within the Solar Development Sites in proximity to suitable nesting habitat but with insufficient data to confirm breeding. 'Possible' breeding status was attributed to those species that were recorded within the Solar Development Sites but with a general lack of suitable nesting habitat present within the Solar Development Site.

3.6. Over-flying bird species were noted but where no suitable nesting habitat for these species was noted within the Solar Development Site, territory mapping was not undertaken.

3.7. The results of each visit were then transcribed onto a summary map in order to identify species showing fidelity to areas of habitat over several survey visits.

3.8. The conservation status of the birds observed was ascertained through consultation of national, regional and local bird reports.

3.9. Dates, times and weather conditions are presented below in **Tables 3.1 – 3.5.**

[3] Bibby, C.J., Burgess, N.D., Hill, D.A. and Mustoe, S.H. (2000) *Bird census techniques*. Academic Press, London.
[4] Gilbert, G., Gibbons, D.W., & Evans, J. (1998) *Bird Monitoring Methods: A Manual of Techniques for UK Key Species*. The Royal Society for the protection of Birds, Sandy, Bedfordshire, England.
[5] https://birdsurveyguidelines.org/methods/survey-method/

Table 3.1: Date, time and weather conditions during the four survey visits for Solar Development Site 1 (Transect 1)

Visit	Date	Start Time	End Time	Weather Start	Weather End
1	08/04/2024	06:00	09:00	Temperature: 11°C, Cloud Cover: 100%, Wind: 2/12, Precipitation: 1.	Temperature: 12°C, Cloud Cover: 100%, Wind: 2/12, Precipitation: 1.
2	07/05/2024	05:45	09:00	Temperature: 11°C, Cloud Cover: 70%, Wind: 1/12, Precipitation: 0.	Temperature: 12°C, Cloud Cover: 100%, Wind: 2/12, Precipitation: 0.
3	21/05/2024	06:00	09:00	Temperature: 9°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 2.	Temperature: 13°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 1.
4	02/07/2024	05:30	08:30	Temperature: 13°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 0.	Temperature: 15°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 0.

Table 3.2: Date, time and weather conditions during the four survey visits for Solar Development Site 2 & 3 (Transect 5)

Visit	Date	Start Time	End Time	Weather Start	Weather End
1	24/04/2024	05:55	10:16	Temperature: 5°C, Cloud Cover: 95%, Wind: 2/12, Precipitation: 0.	Temperature: 8.5°C, Cloud Cover: 50%, Wind: 1/12, Precipitation: 0.
2	08/05/2024	05:22	09:37	Temperature: 9°C, Cloud Cover: 100%, Wind: 2/12, Precipitation: 0.	Temperature: 11°C, Cloud Cover: 70%, Wind: 1/12, Precipitation: 0.
3	21/05/2024	18:31	22:07	Temperature: 17°C, Cloud Cover: 90%, Wind: 1/12, Precipitation: 0.	Temperature: 16°C, Cloud Cover: 90%, Wind: 1/12, Precipitation: 0.
4	03/07/2024	04:54	08:15	Temperature: 11°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 1.	Temperature: 12°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 0.

Table 3.3: Date, time and weather conditions during the four survey visits for Solar Development Site 4 (Transect 6, 7 and 8)

Visit	Date	Start Time	End Time	Weather Start	Weather End

1	24/04/2024	06:00	10:00	Temperature: 5°C, Cloud Cover: 90%, Wind: 1/12, Precipitation: 0.	Temperature: 7°C, Cloud Cover: 50%, Wind: 2/12, Precipitation: 0.
2	09/05/2024	05:15	09:20	Temperature: 11°C, Cloud Cover: 95%, Wind: 0/12, Precipitation: 0.	Temperature: 16°C, Cloud Cover: 70%, Wind: 0/12, Precipitation: 0.
3	21/05/2024	05:00	09:00	Temperature: 8°C, Cloud Cover: 80%, Wind: 0/12, Precipitation: 0.	Temperature: 10°C, Cloud Cover: 70%, Wind: 0/12, Precipitation: 0.
4 (T6&T7)	17/06/2024	20:00	23:15	Temperature: 17°C, Cloud Cover: 70%, Wind: 1/12, Precipitation: 0.	Temperature: 13°C, Cloud Cover: 10%, Wind: 1/12, Precipitation: 0.
4 (T8)	20/06/2024	20:10	23:50	Temperature: 20°C, Cloud Cover: 70%, Wind: 0/12, Precipitation: 0.	Temperature: 14°C, Cloud Cover: 40%, Wind: 0/12, Precipitation: 0.

Table 3.4: Date, time and weather conditions during the four survey visits for Solar Development Site 5 (Transect 9)

Visit	Date	Start Time	End Time	Weather Start	Weather End
1	25/04/2024	05:52	09:34	Temperature: 5°C, Cloud Cover: 100%, Wind: 2/12, Precipitation: 1.	Temperature: 7.5°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 0.
2	09/05/2024	05:20	09:19	Temperature: 12°C, Cloud Cover: 95%, Wind: 1/12, Precipitation: 0.	Temperature: 17°C, Cloud Cover: 95%, Wind: 1/12, Precipitation: 0.
3	22/05/2024 (abandoned)	18:15	19:06	Temperature: 13°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 1.	Temperature: 13°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: Heavy rain.
3	23/05/2024	04:51	08:22	Temperature: 12°C, Cloud Cover: 95%, Wind: 3/12, Precipitation: 0.	Temperature: 14°C, Cloud Cover: 100%, Wind: 2/12, Precipitation: 0.
4	04/07/2024	18:35	22:38	Temperature: 18°C, Cloud Cover: 80%, Wind: 3/12, Precipitation: 0.	Temperature: 14°C, Cloud Cover: 85%, Wind: 3/12, Precipitation: 0.

Table 3.5: Date, time and weather conditions during the four survey visits for Solar Development Site 5 (Transect 10)

Visit	Date	Start Time	End Time	Weather Start	Weather End
1	26/04/2024	05:48	09:22	Temperature: 1°C, Cloud Cover: 20%, Wind: 1/12, Precipitation: 0.	Temperature: 7°C, Cloud Cover: 30%, Wind: 1/12, Precipitation: 0.
2	10/05/2024	05:15	08:56	Temperature: 11°C, Cloud Cover: 60%, Wind: 1/12, Precipitation: 0.	Temperature: 13°C, Cloud Cover: 100%, Wind: 1/12, Precipitation: 0.
3	23/05/2024	18:00	21:47	Temperature: 14°C, Cloud Cover: 100%, Wind: 2-3/12, Precipitation: 0.	Temperature: 12.5°C, Cloud Cover: 100%, Wind: 2-3/12, Precipitation: 0.
4	04/07/2024	04:42	08:03	Temperature: 9.5°C, Cloud Cover: 5%, Wind: 1/12, Precipitation: 0.	Temperature: 12°C, Cloud Cover: 70%, Wind: 3/12, Precipitation: 0.

Limitations

3.10. During survey visit 3 dusk survey for Transect 9 within Solar Development Site 5, the survey had to be cancelled due to heavy rain and poor survey conditions. The survey was completed as a dawn survey the following day. The dusk survey was then rearranged and completed during survey visit 4. There were no other limitations experienced during the breeding bird surveys.

Section 4: Results

4.1. Based on the survey results obtained, twelve bird species of Conservation Concern have been recorded as probable breeders within the Solar Development Sites, as described in **Tables 4.1-4.4**. The table also provides information on the conservation status of each of these species.

4.2. To summarise, within Solar Development Site 1, eight bird species of Conservation Concern were recorded as confirmed/probable breeders within the Solar Development Site, with one confirmed breeding territory for lapwing *Vanellus vanellus* (Red List BoCC species) noted from nestlings being observed on survey visit 3. Skylark *Alauda arvensis* (five territories) and yellowhammer *Emberiza citrinella* (two territories) which are Red List BoCC species were recorded as probable breeders. In addition, dunnock *Prunella modularis* (four territories), wren *Troglodytes troglodytes* (16 territories), song thrush *Turdus philomelos* (four territories), whitethroat *Sylvia communis* (two territories) and willow warbler *Phylloscopus trochilus* (two territories), all of which are Amber List BoCC species, were recorded as probable breeders.

4.3. Within Solar Development Site 2, six bird species of Conservation Concern have been recorded as probable breeders within the Solar Development Site, with Red List BoCC species skylark (two territories) and yellowhammer (one territory) being recorded during the breeding bird survey visits. Additionally, Amber List BoCC species wren (one territory), reed bunting *Emberiza schoeniclus* (one territory), whitethroat (one territory) and willow warbler (one territory) were recorded on the breeding bird surveys.

4.4. Within Solar Development Site 3, four bird species of Conservation Concern were recorded as probable breeders within the Solar Development Site. Red List BoCC species yellowhammer (two territories) was recorded, as well as Amber List BoCC species dunnock (one territory), wren (two territories) and whitethroat (one territory), all of which showed an affinity to the hedgerows and trees.

4.5. Within Solar Development Site 4, a total of nine bird species of Conservation Concern were recorded as confirmed/probable breeders within the Solar Development Site. Greylag geese *Anser anser* (Amber List BoCC species) were noted as confirmed breeders, with juveniles being recorded during survey visits 1, 2 and 3, as well as two nests being recorded during survey visit 2. Four confirmed breeding territories were recorded for skylark, with two confirmed nests being noted during survey visit 1 and two nests with juveniles observed during survey visit 2, five probable breeding territories were also recorded for skylark showing affinity to the open agricultural fields. Additionally, Red List BoCC species lapwing (one territory), corn bunting *Emberiza calandra* (two territories), yellow wagtail *Motacilla flava* (one territory) and yellowhammer (one territory) and Amber List BoCC species song thrush (one territory), whitethroat (three territories) and willow warbler (one territory) were recorded during the breeding bird surveys.

4.6. Within Solar Development Site 5, a total of five bird species of Conservation Concern were recorded as probable breeders within the Solar Development Site. Red List BoCC species skylark (10 territories), corn bunting (two territories) and yellowhammer (three territories), as well as Amber List BoCC species wren (10 territories) and whitethroat (four territories) were recorded. Skylark showed an affinity to the open agricultural fields and the other species showed an affinity to the field boundary hedgerows and trees. Following the completion of the breeding bird surveys within Solar Development Site 5, the Solar Development Site was subsequently removed from the PEIR Assessment Area. However, the results of the breeding bird surveys within Solar Development Site 5 are still included as the habitats provided within Solar Development Site 5 are representative of the remaining Solar Development Sites, and the results provide additional context into the breeding bird assemblage within the local area.

4.7. The distribution of probable/known breeding territories is shown on **Plans 16807/P01-P05**.

4.8. Other red and amber list species which have been noted within the Solar Development Sites however did not display any breeding behaviour include black-headed gull *Chroicocephalus ridibundus*, corncrake *Crex crex*, curlew *Numenius arquata*, gadwall *Anas strepara*, great white egret *Ardea alba*, greenfinch *Carduelis chloris*, grey partridge *Perdix perdix*, herring gull *Larus argentatus*, house sparrow *Passer domesticus*, kestrel *Falco tinnunculus*, lesser black-backed gull *Larus fuscus*, linnet *Carduelis cannabina*, mallard *Anas platyrhynchos*, marsh tit *Poecile palustris*, meadow pipit *Anthus pratensis*, mistle thrush *Turdus viscivorus*, moorhen *Gallinula chloropus*, oystercatcher *Haematopus ostralegus*, rook *Corvus frugilegus*, sedge warbler *Acrocephalus schoenobaenus*, starling *Sturnus vulgaris*, swift *Apus apus* and woodpigeon *Columba palumbus*.

4.9. It was not considered necessary to provide a territory map of 'Green' list species due to their conservation status however, **Table 4.5** lists the species recorded, their breeding status and affinity to a particular habitat/other observations.

Table 4.1: Birds of conservation concern recorded within Solar Development Site 1

Species	BTO Cons. Status	SoPI	Breeding Status	Number of Territories	Habitat/ Notes
Dunnock	Amber	No	Probable breeder	4	Birds observed/recorded showed affinity to field boundary hedgerows.
Skylark	Red	Yes	Probable breeder	5	Five probable breeding sites within the open agricultural fields.
Lapwing	Red	Yes	Confirmed breeder	2	One confirmed nest on visit 3 of the surveys, with two nestlings observed and one probable breeding site. Birds observed/recorded showed affinity to the agricultural fields.
Wren	Amber	No	Probable breeder	16	Birds observed/recorded showed an affinity to hedgerows surrounding agricultural fields, with multiple registrations recorded at different locations within the Solar Development Site associated with boundary vegetation.
Song Thrush	Amber	Yes	Probable breeder	4	Four probable breeding sites, birds showed affinity to the scattered trees and treelines in the field boundaries.
Whitethroat	Amber	No	Probable breeder	2	Birds observed/recorded showed affinity to field boundary scattered trees.
Willow warbler	Amber	No	Probable breeder	2	Birds observed/recorded showed affinity to the woodland onsite.
Yellowhammer	Red	Yes	Probable breeder	2	Two probable breeding sites within the field boundary hedgerows.

Table 4.2: Birds of conservation concern within Solar Development Site 2

Species	BTO Cons. Status	SoPI	Breeding Status	Number of Territories	Habitat/ Notes
Skylark	Red	Yes	Probable breeder	2	Two probable breeding sites within the open agricultural fields.

Wren	Amber	No	Probable breeder	6	Birds observed/recorded showed an affinity to hedgerows surrounding agricultural fields, with multiple registrations recorded at different locations within the site associated with boundary vegetation.
Reed bunting	Amber	Yes	Probable breeder	1	One probable breeding site, birds showed affinity to the open agricultural field.
Whitethroat	Amber	No	Probable breeder	1	Birds observed/recorded showed affinity to field boundary hedgerows/trees.
Willow warbler	Amber	No	Probable breeder	1	Birds observed/recorded showed affinity to the woodland adjacent to the site.
Yellowhammer	Red	Yes	Probable breeder	1	One probable breeding sites within the field boundary hedgerows/trees.

Table 4.3: Birds of conservation concern within Solar Development Site 3

Species	BTO Cons. Status	SoPI	Breeding Status	Number of Territories	Habitat/ Notes
Dunnock	Amber	No	Probable breeder	1	Birds observed/recorded showed affinity to field boundary hedgerows.
Wren	Amber	No	Probable breeder	2	Birds observed/recorded showed an affinity to hedgerows surrounding agricultural fields, with multiple registrations recorded at different locations within the site associated with boundary vegetation.
Whitethroat	Amber	No	Probable breeder	1	Birds observed/recorded showed affinity to field boundary hedgerows/trees.
Yellowhammer	Red	Yes	Probable breeder	2	Two probable breeding sites within the field boundary hedgerows/trees.

Table 4.4: Birds of conservation concern within Solar Development Site 4

Species	BTO Cons. Status	SoPI	Breeding Status	Number of Territories	Habitat/ Notes
Skylark	Red	Yes	Confirmed breeder	9	Four confirmed breeding sites and five probable breeding sites within the open agricultural fields. Two nests were recorded on T7 during visit 1 and two recordings of juveniles on T6 during visit 2.
Lapwing	Red	Yes	Probable breeder	1	One probable breeding site within the open agricultural fields on T8.
Corn Bunting	Red	Yes	Probable breeder	2	Two probable breeding sites, birds showed affinity to the open agricultural field.
Greylag Goose	Amber	No	Confirmed breeder	*Unknown	During the transect 8, greylag geese were recorded in the pond adjacent to the Solar Development Site. During visit 1, four confirmed breeding pairs were recorded with juveniles being present. During visit 2, adults and juveniles were recorded using

Species	BTO Cons. Status	SoPI	Breeding Status	Number of Territories	Habitat/ Notes
					the pond and two confirmed nests with clutches of goslings were recorded. During visit 3 a group of 60 adults were recorded with groups of juveniles. *Due to the large groups of greylag geese, a specific number of confirmed breeding pairs were not able to be calculated.
Song Thrush	Amber	Yes	Probable breeder	1	One probable breeding site recorded in the adjacent woodland to transect 8.
Whitethroat	Amber	No	Probable breeder	3	Birds observed/recorded showed affinity to field boundary hedgerows/trees.
Willow warbler	Amber	No	Probable breeder	1	Birds observed/recorded showed affinity to the southern field boundary trees.
Yellow Wagtail	Red	Yes	Probable breeder	1	One probable breeding territory within the Solar Development Site within the open agricultural fields on transect 7.
Yellowhammer	Red	Yes	Probable breeder	1	One probable breeding sites within the field boundary hedgerows/trees.

Table 4.5: Birds of conservation concern within Solar Development Site 5

Species	BTO Cons. Status	SoPI	Breeding Status	Number of Territories	Habitat/ Notes
Skylark	Red	Yes	Probable breeder	10	10 probable breeding sites within the open agricultural fields of transect 9 and transect 10.
Wren	Amber	No	Probable breeder	10	Birds observed/recorded showed an affinity to hedgerows surrounding agricultural fields, with multiple registrations recorded at different locations within the site associated with boundary vegetation of transect 9 and transect 10.
Corn bunting	Red	Yes	Probable breeder	2	Two probable breeding sites, birds showed affinity to field boundary hedgerows/trees on transect 9.
Whitethroat	Amber	No	Probable breeder	4	Birds observed/recorded showed affinity to field boundary hedgerows/trees on transect 10.
Yellowhammer	Red	Yes	Probable breeder	3	Three probable breeding sites within the field boundary hedgerows/trees of transect 9 and transect 10.

Table 4.5: Green list species within the Solar Development Sites

Species	Breeding Status	Habitat/ Notes
Red-legged partridge	Confirmed breeder	Confirmed nest on transect 6, birds observed/recorded showed affinity to open agricultural fields.
Blue Tit	Probable breeder	Birds showed affinity to field boundary hedgerows/trees.
Chaffinch	Probable breeder	Birds showed affinity to field boundary hedgerows/trees.
Chiffchaff	Probable breeder	Birds showed affinity to field boundary hedgerows/trees.
Great Tit	Probable breeder	Birds showed affinity to field boundary hedgerows/trees.
Robin	Probable breeder	Birds showed affinity to field boundary hedgerows/trees.

Plans

Plan 1: **Site 1 Breeding Bird Survey Results 16807/P01**

Plan 2: **Site 2 Breeding Bird Survey Results 16807/P02**

Plan 3: **Site 3 Breeding Bird Survey Results 16807/P03**

Plan 4: **Site 4 Breeding Bird Survey Results 16807/P04**

Plan 5: **Site 5 Breeding Bird Survey Results 16807/P05**

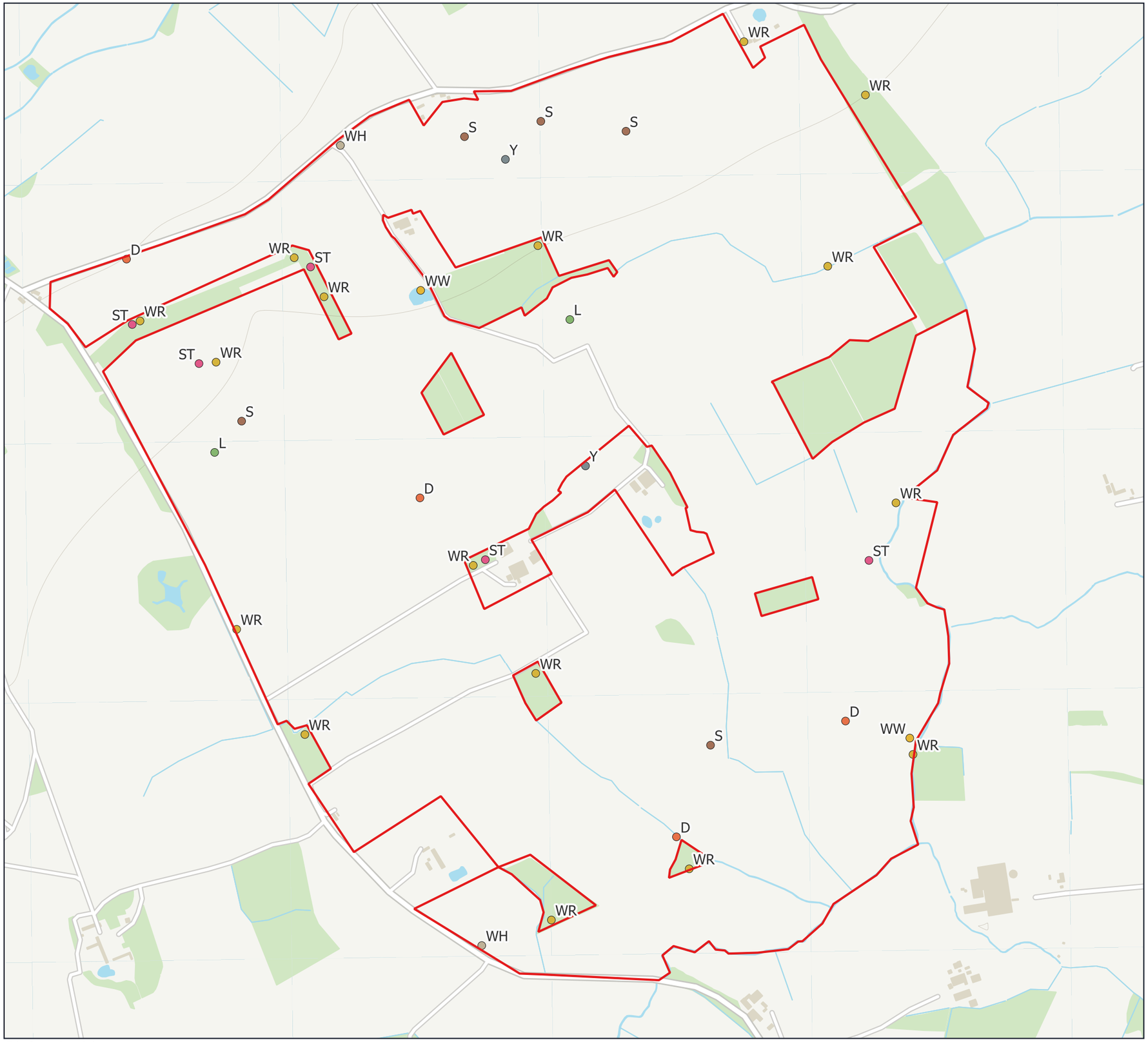
Plan 6: **Site 1 Breeding Bird Survey Transect Route 16807/P06**

Plan 7: **Site 2 Breeding Bird Survey Transect Route 16807/P07**

Plan 8: **Site 3 Breeding Bird Survey Transect Route 16807/P08**

Plan 9: **Site 4 Breeding Bird Survey Transect Route 16807/P09**

Plan 10: **Site 5 Breeding Bird Survey Transect Route 16807/P10**



Red line boundary
D - Dunnock
S - Skylark
L - Lapwing
ST - Song Thrush
WH - Whitethroat
WR - Wren
WW - Willow Warbler
Y - Yellowhammer

N

0 250 500 m

Project	Light Valley Solar
Drawing Title	Site 1 Breeding Bird Survey Results
Scale	As Shown (Approximate)
Drawing No.	16807/P01
Date	June 2025
Checked	LJ

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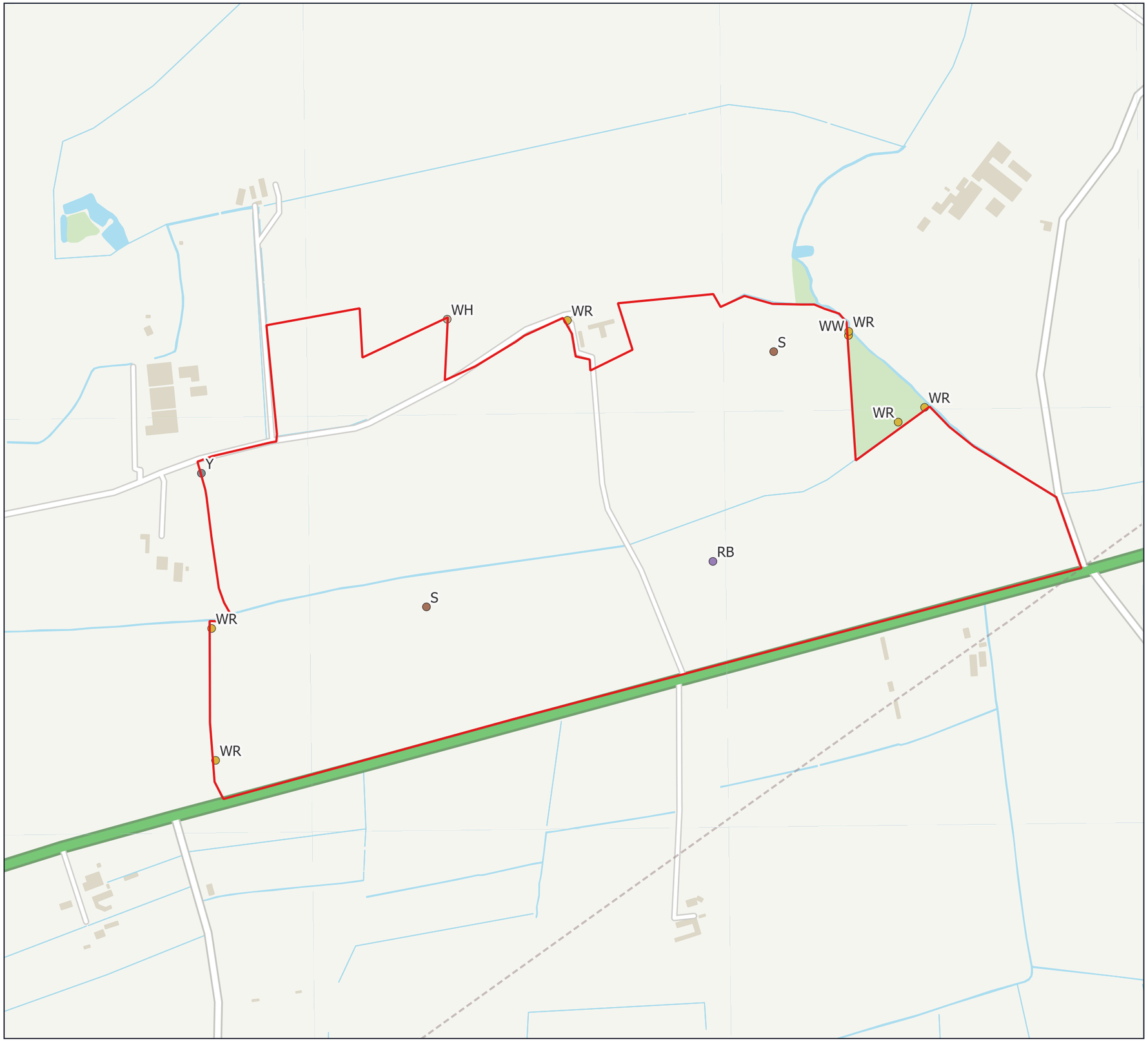

Red line boundary
WR - Wren
S - Skylark
Y - Yellowhammer
WW - Willow Warbler
WH - Whitethroat
RB - Reed Bunting

N

0 200 400 m

Project	Light Valley Solar
Drawing Title	Site 2 Breeding Bird Survey Results
Scale	As Shown (Approximate)
Drawing No.	16807/P02
Date	June 2025
Checked	LJ

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Red line boundary
WR - Wren
Y - Yellowhammer
Dunnock
WH - Whitethroat

N

0 120 240 m

Project	Light Valley Solar
Drawing Title	Site 3 Breeding Bird Survey Results
Scale	As Shown (Approximate)
Drawing No.	16807/P03
Date	June 2025
Checked	LJ

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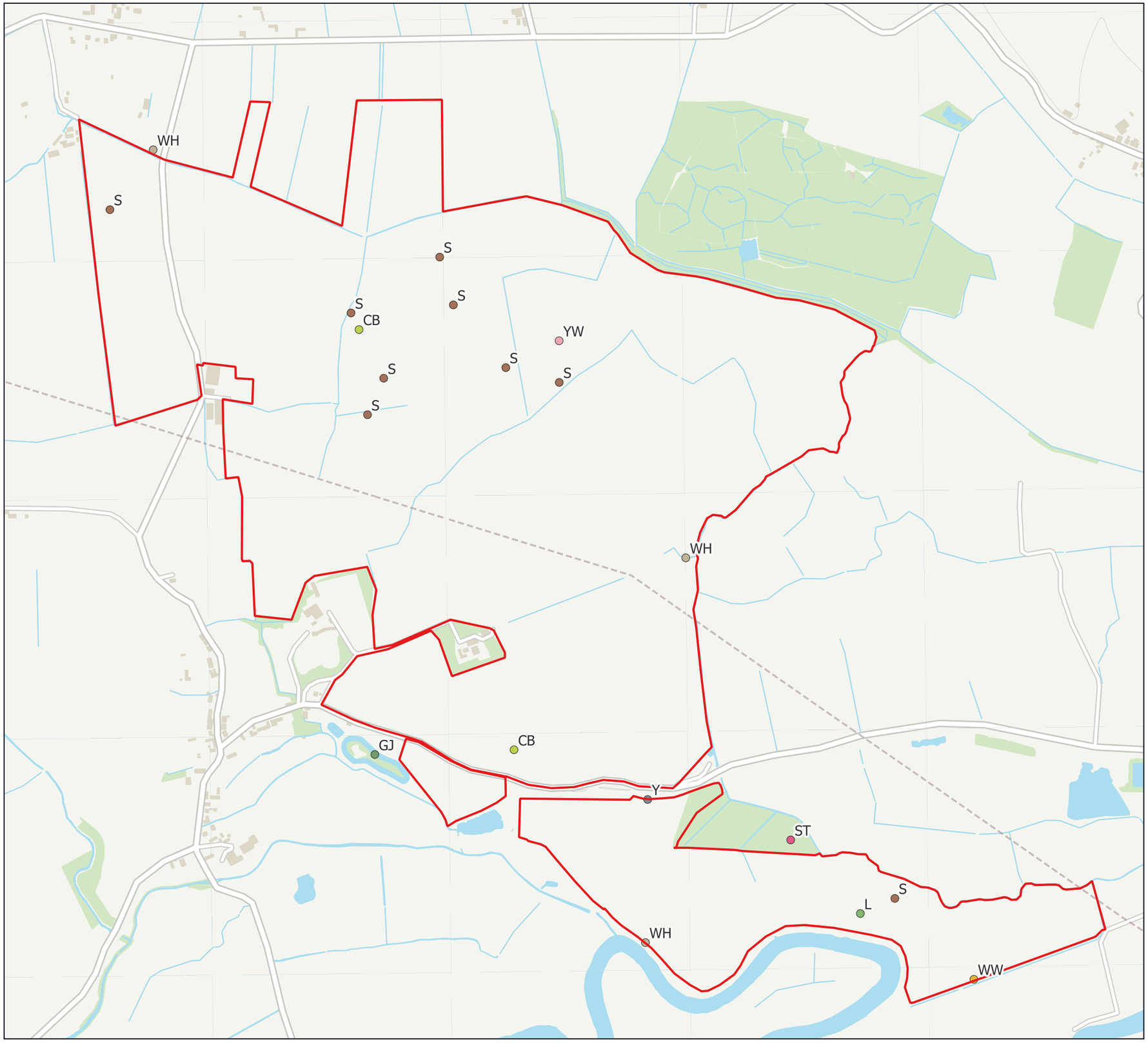

Red line boundary
GJ - Greylag Goose
S - Skylark
L - Lapwing
Y - Yellowhammer
WW - Willow Warbler
ST - Song Thrush
WH - Whitethroat
CB - Corn Bunting
YW - Yellow Wagtail

N

0 120 240 m

Project	Light Valley Solar
Drawing Title	Site 4 Breeding Bird Survey Results
Scale	As Shown (Approximate)
Drawing No.	16807/P04
Date	June 2025
Checked	LJ

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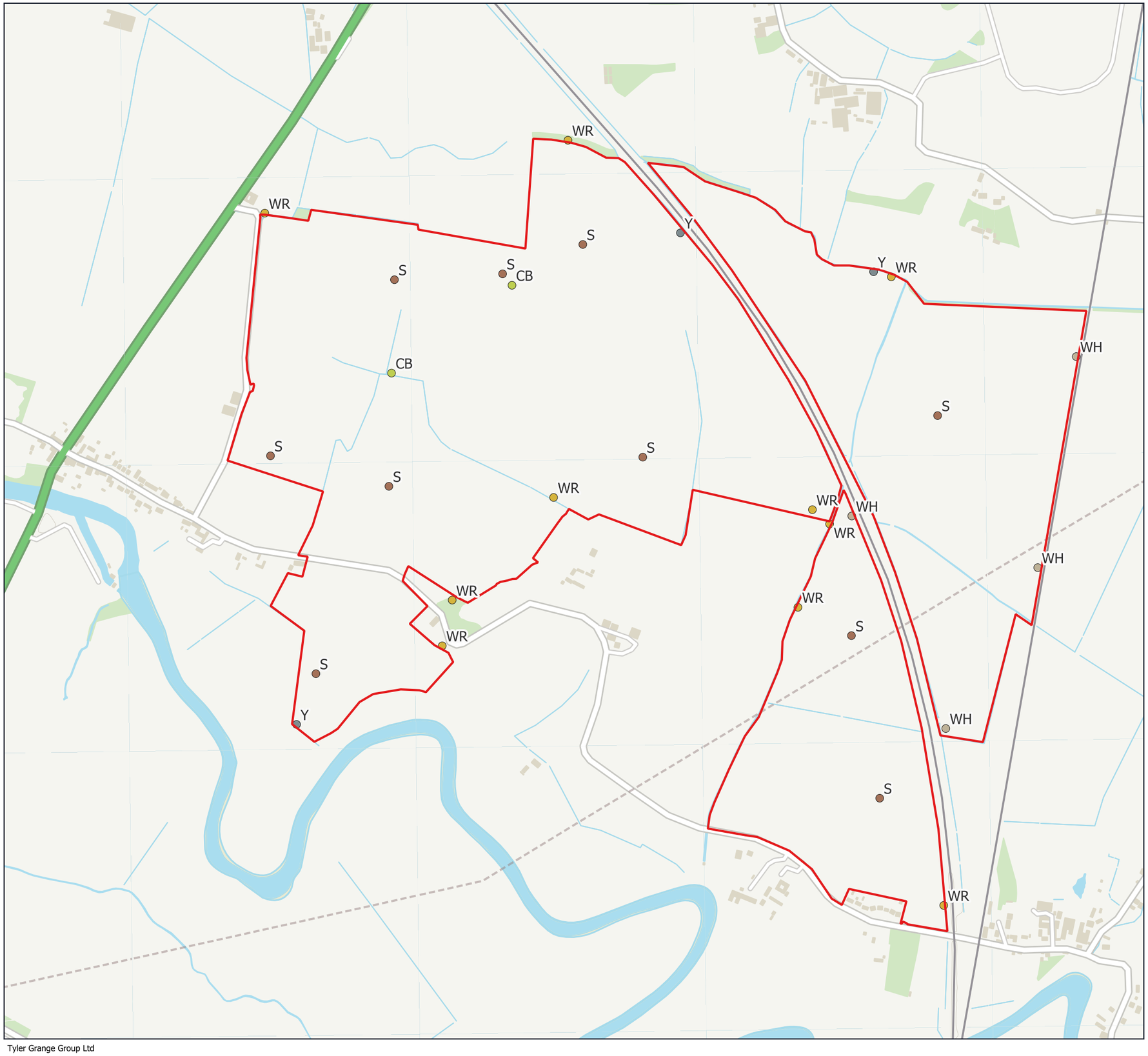

- Red line boundary
- WR - Wren
- S - Skylark
- Y - Yellowhammer
- WH - Whitethroat
- CB - Corn Bunting

N

0 120 240 m

Project	Light Valley Solar
Drawing Title	Site 5 Breeding Bird Survey Results
Scale	As Shown (Approximate)
Drawing No.	16807/P05
Date	June 2025
Checked	LJ

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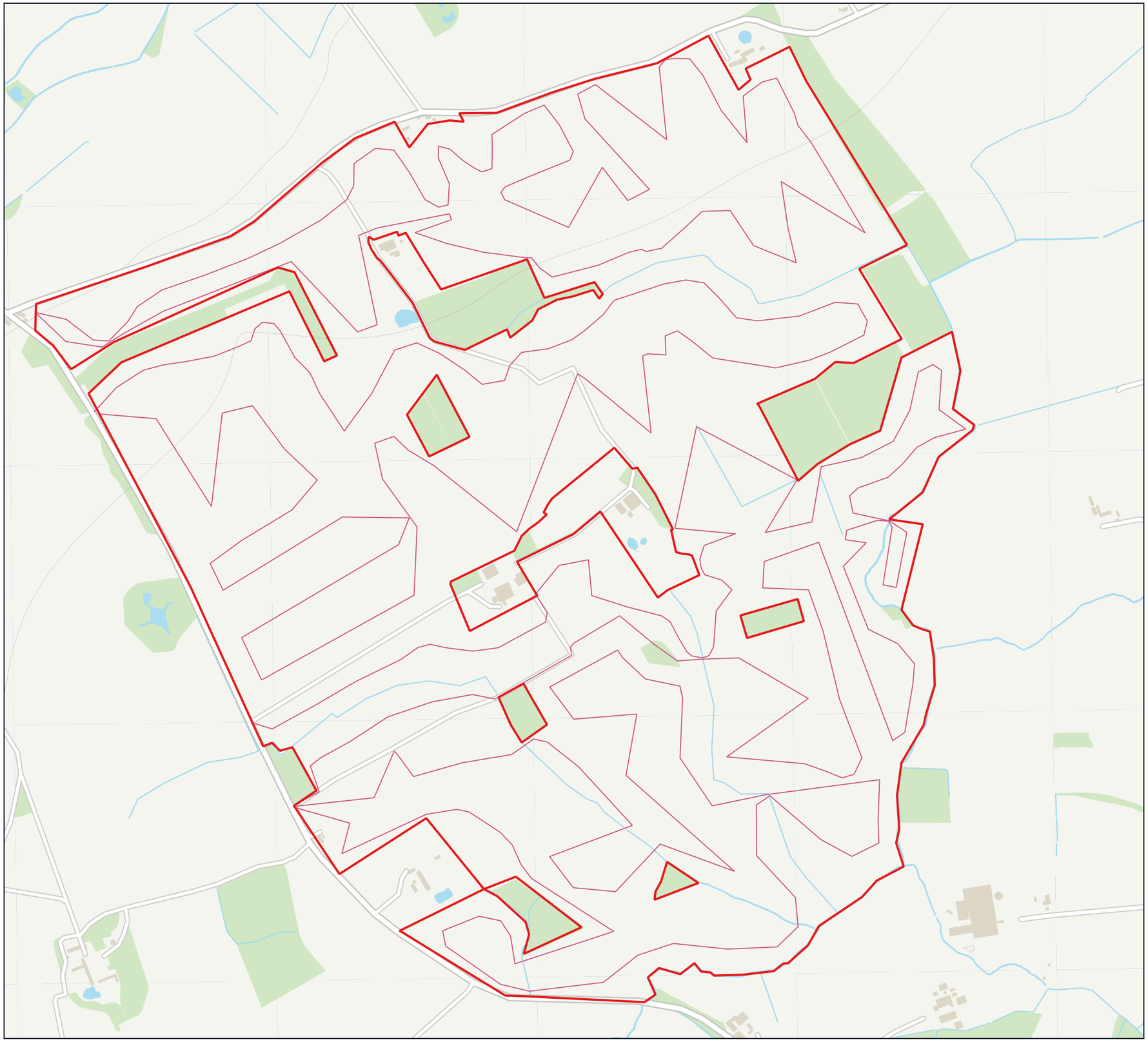

Red line boundary
Transect route 1

N

0 200 400 m

Project	Light Valley Solar
Drawing Title	Site 1 Breeding Bird Transect Route
Scale	As Shown (Approximate)
Drawing No.	16807/P06
Date	June 2025
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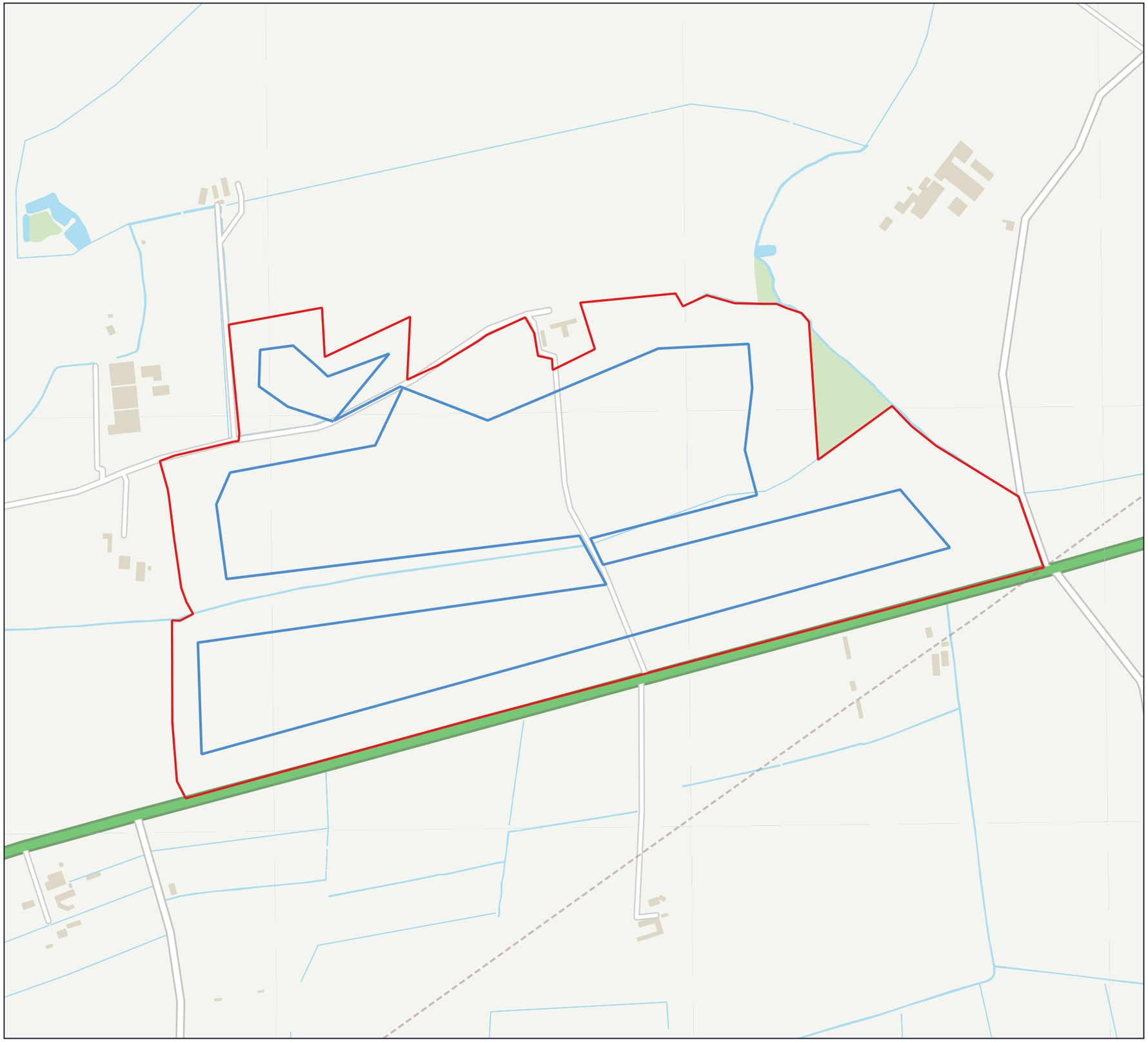

Red line boundary
Transect route 5

N

0 250 500 m

Project	Light Valley Solar
Drawing Title	Site 2 Breeding Bird Transect Route
Scale	As Shown (Approximate)
Drawing No.	16807/P07
Date	June 2025
Checked	LJ

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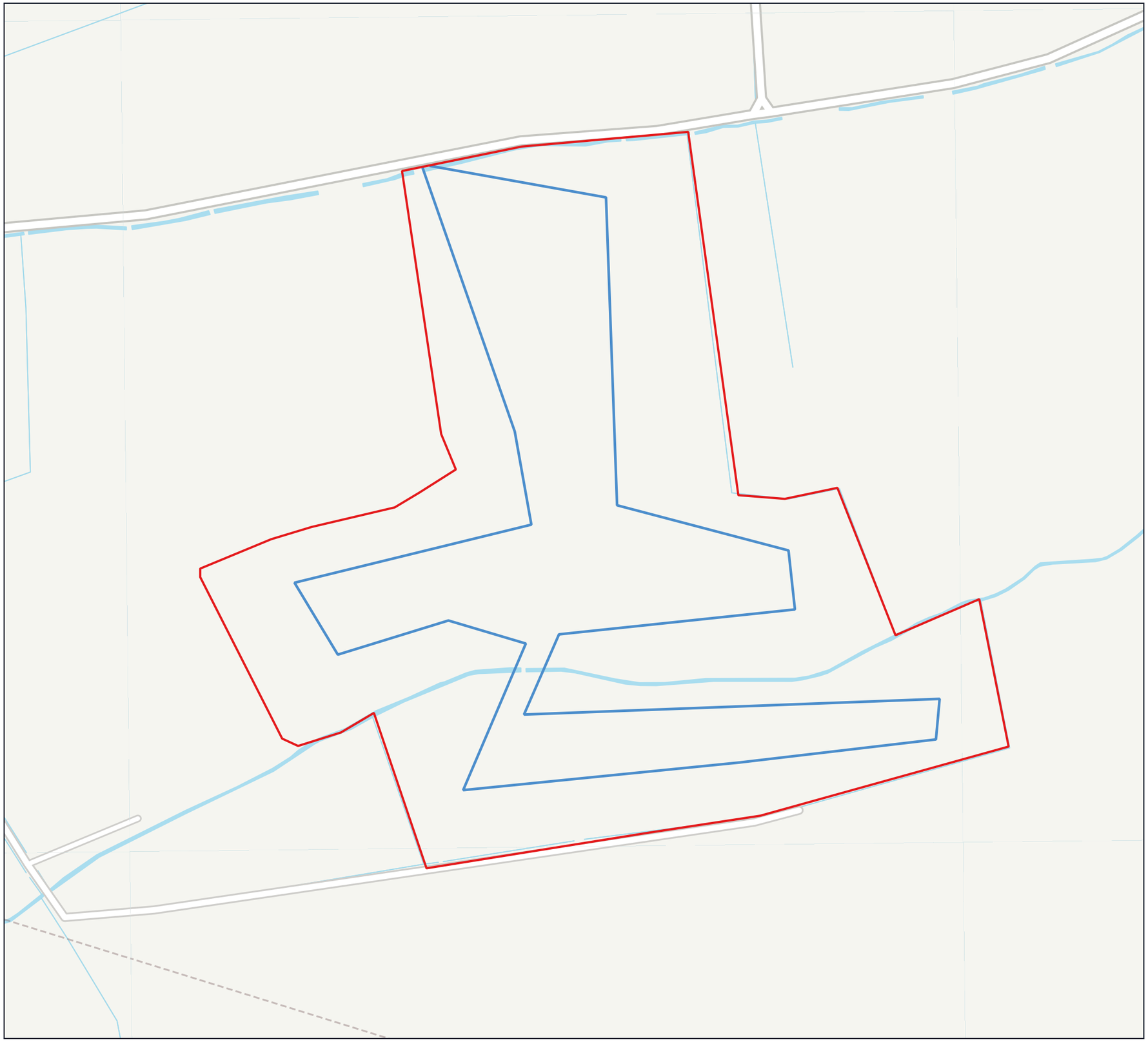

Red line boundary
Transect route 5

N

0 75 150 m

Project	Light Valley Solar
Drawing Title	Site 3 Breeding Bird Transect Route
Scale	As Shown (Approximate)
Drawing No.	16807/P08
Date	June 2025
Checked	LJ

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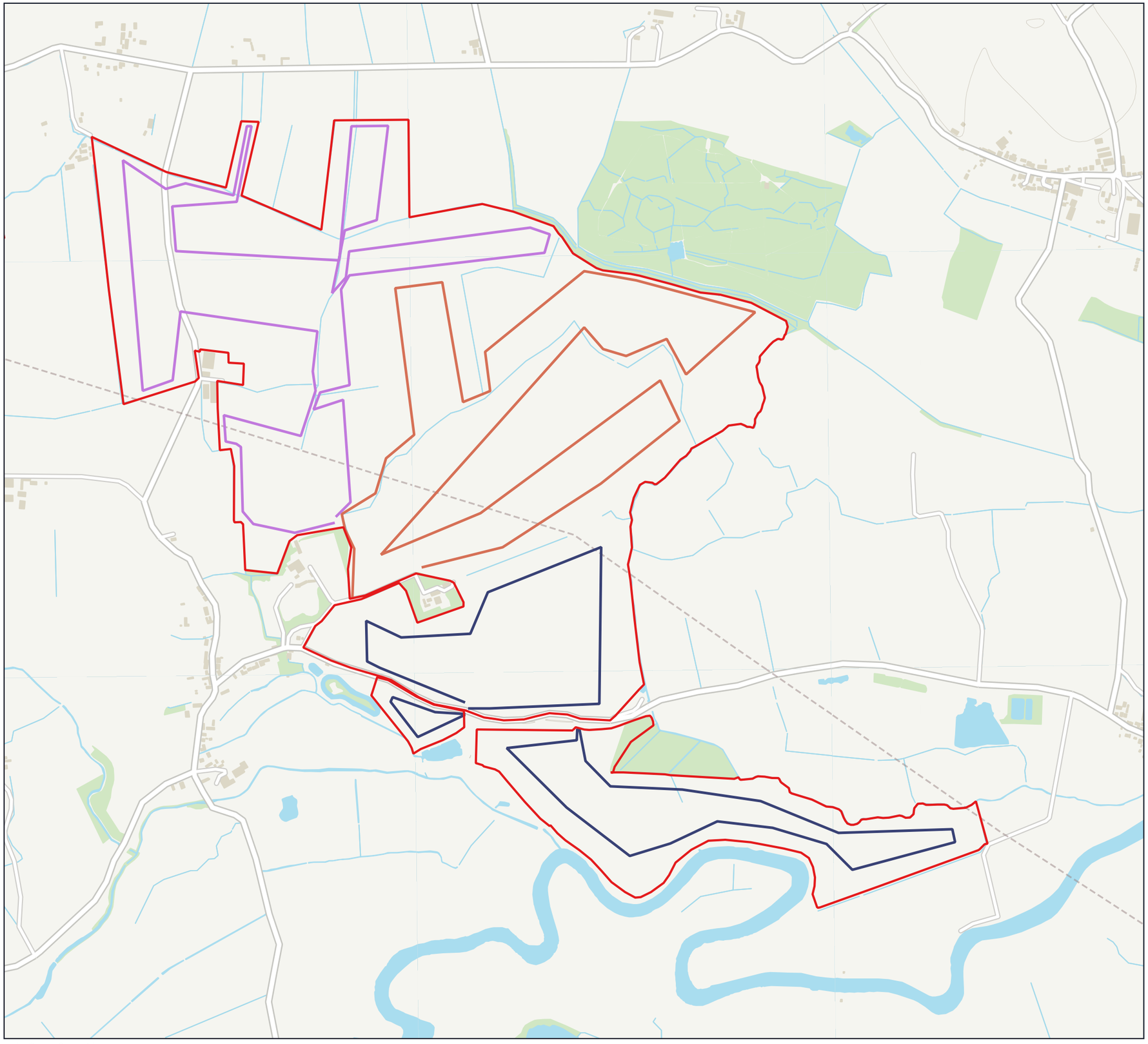

N

0 200 400 m

Project	Light Valley Solar
Drawing Title	Site 4 Breeding Bird Transect Route
Scale	As Shown (Approximate)
Drawing No.	16807/P09
Date	June 2025
Checked	LJ

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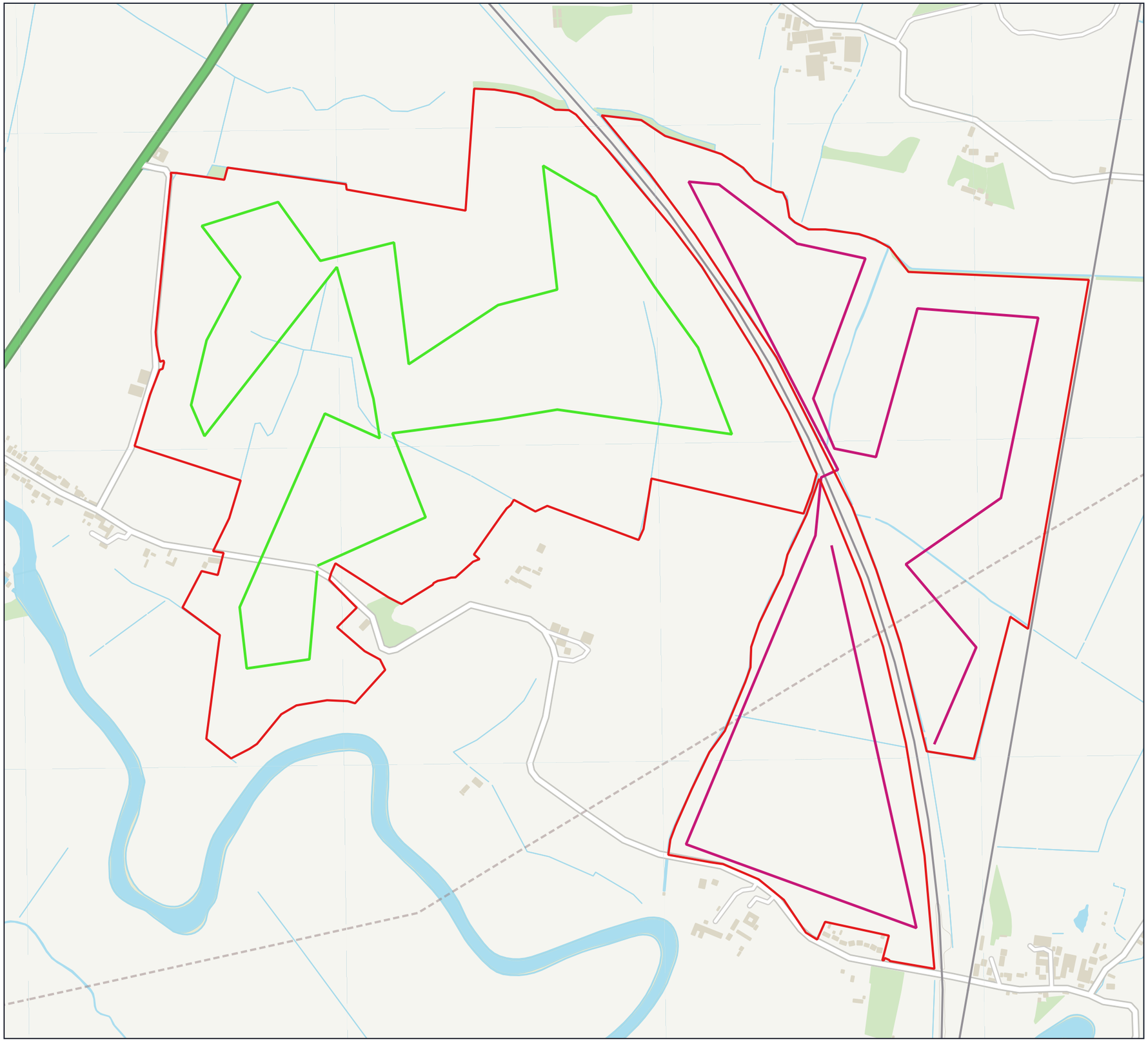

Red line boundary
Transect route 9
Transect route 10

N

0 200 400 m

Project	Light Valley Solar
Drawing Title	Site 5 Breeding Bird Transect Route
Scale	As Shown (Approximate)
Drawing No.	16807/P10
Date	June 2025
Checked	LJ

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