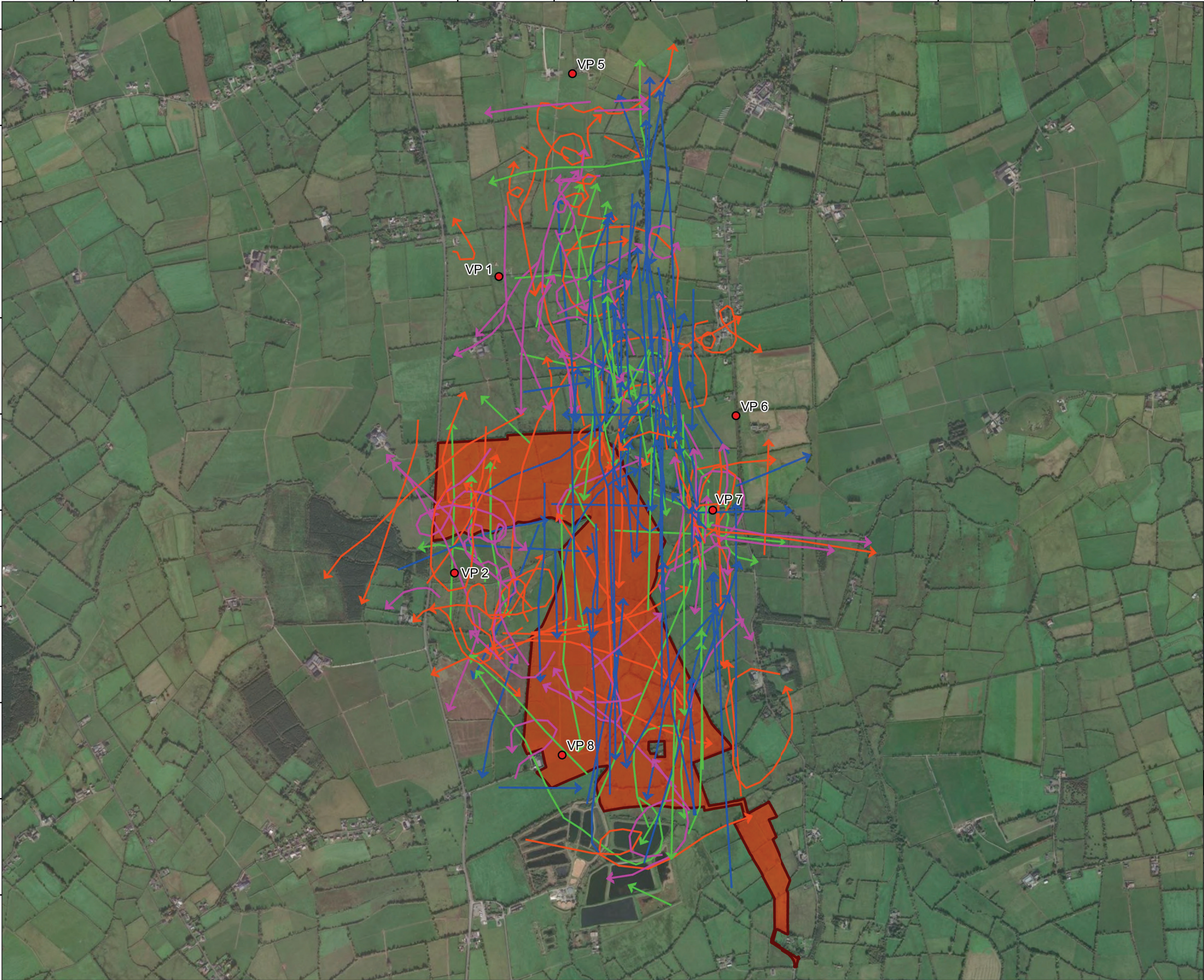




Legend:

- Site boundary
- Vantage Point Location (VP)
- JM Summer 2024 Breeding Bird Species Flightlines
  - Buzzard
  - Cormorant
  - Kestrel
  - Mallard



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| Rev | Date       | Description | Drn | Chk | App |

Bird Survey Garrane Wind Farm



TITLE: Figure 6d (Page 1 of 2):  
Flight Observations from VP Surveys  
for Target Species during the  
2024 Breeding Bird Season

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Metres

SCALE: 1:18,500 @ A3

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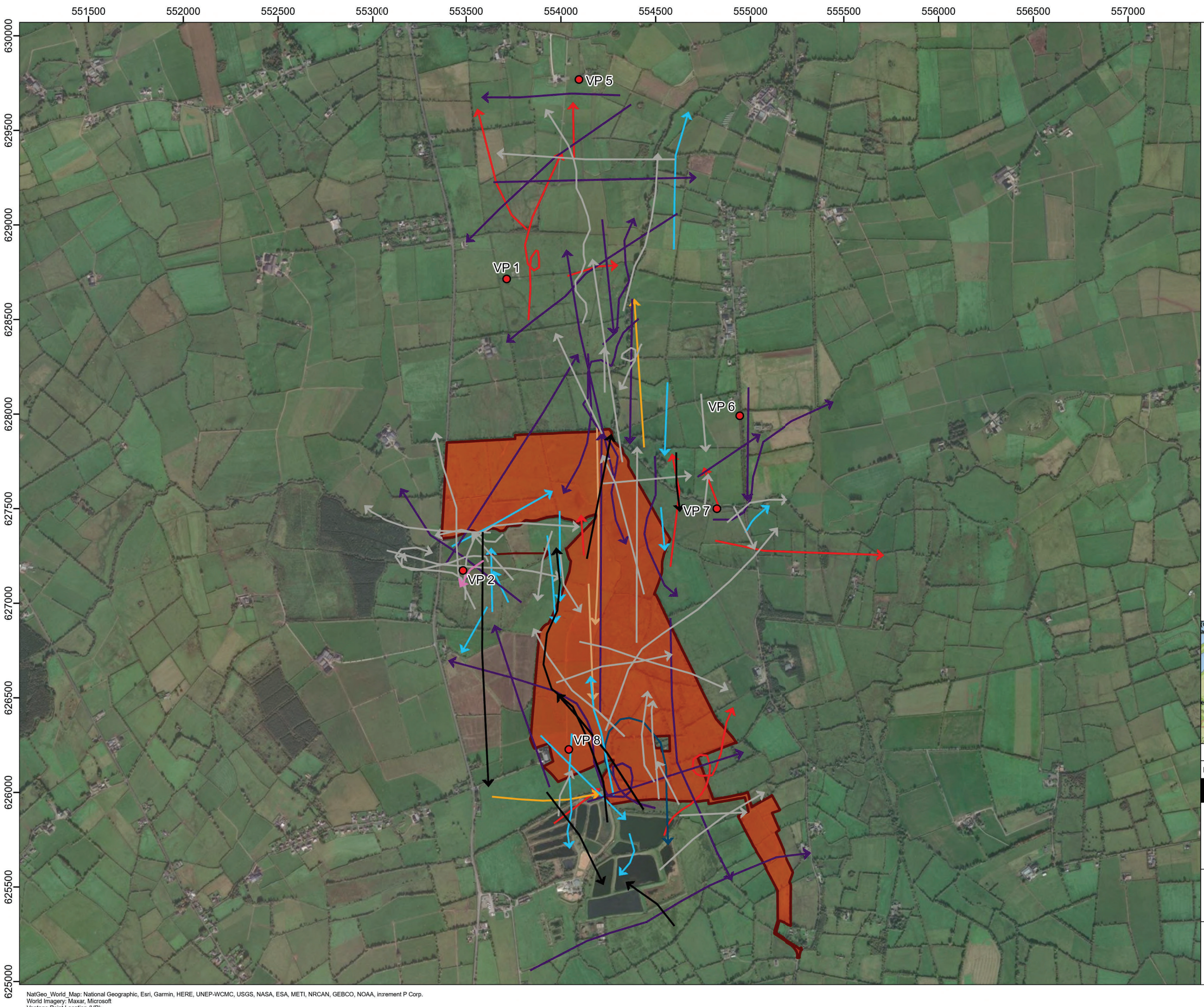
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- Legend:**
- Site boundary
  - Vantage Point Location (VP)
  - JM Summer 2024 Breeding Bird Species Flightlines**
  - Barn Owl
  - Black-headed gull
  - Grey heron
  - Lesser black-backed gull
  - Little egret
  - Moorhen
  - Mute swan
  - Snipe
  - Sparrowhawk
  - Whimbrel

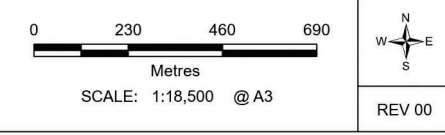


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| Rev | Date       | Description | Drn | Chk | App |

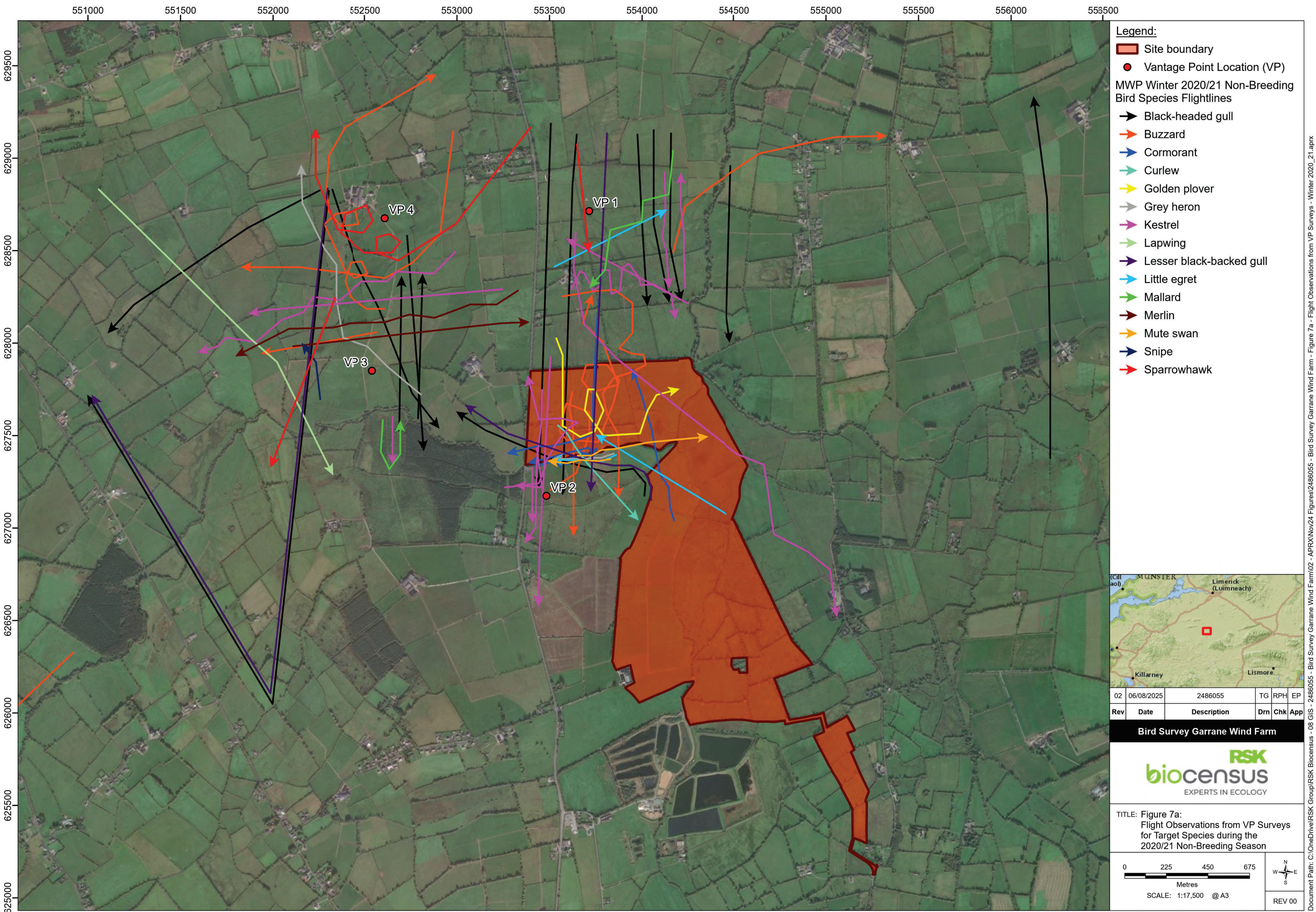
Bird Survey Garrane Wind Farm



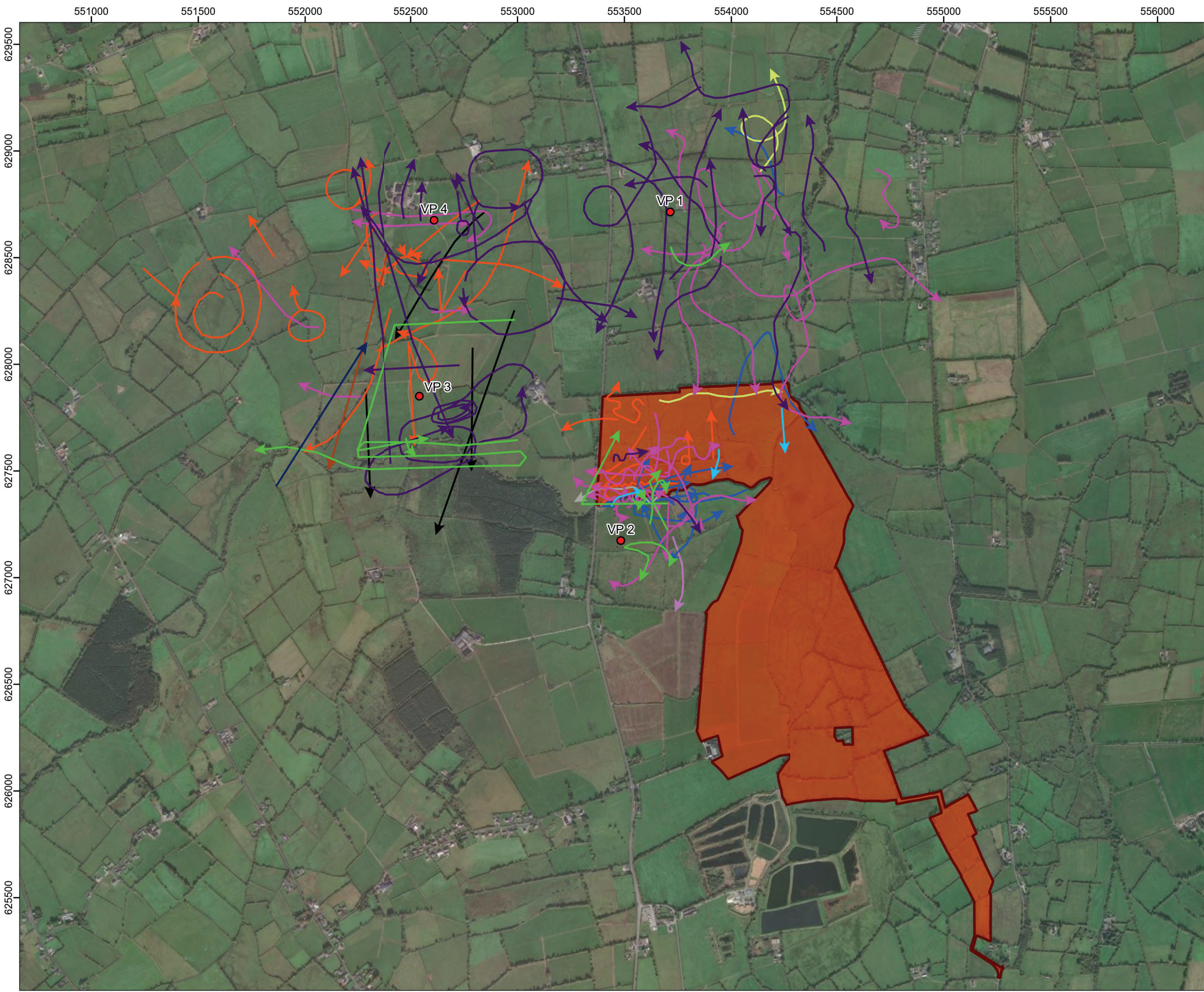
TITLE: Figure 6d (Page 2 of 2):  
Flight Observations from VP Surveys  
for Target Species during the  
2024 Breeding Bird Season











**Legend:**

- Site boundary
- Vantage Point Location (VP)
- MWP Winter 2021/22 Non-Breeding Bird Species Flightlines
- Black-headed gull
- Buzzard
- Common gull
- Cormorant
- Great black-backed gull
- Grey heron
- Herring gull
- Kestrel
- Lesser black-backed gull
- Little egret
- Mallard
- Snipe

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| Rev | Date       | Description | Drn | Chk | App |

**Bird Survey Garrane Wind Farm**

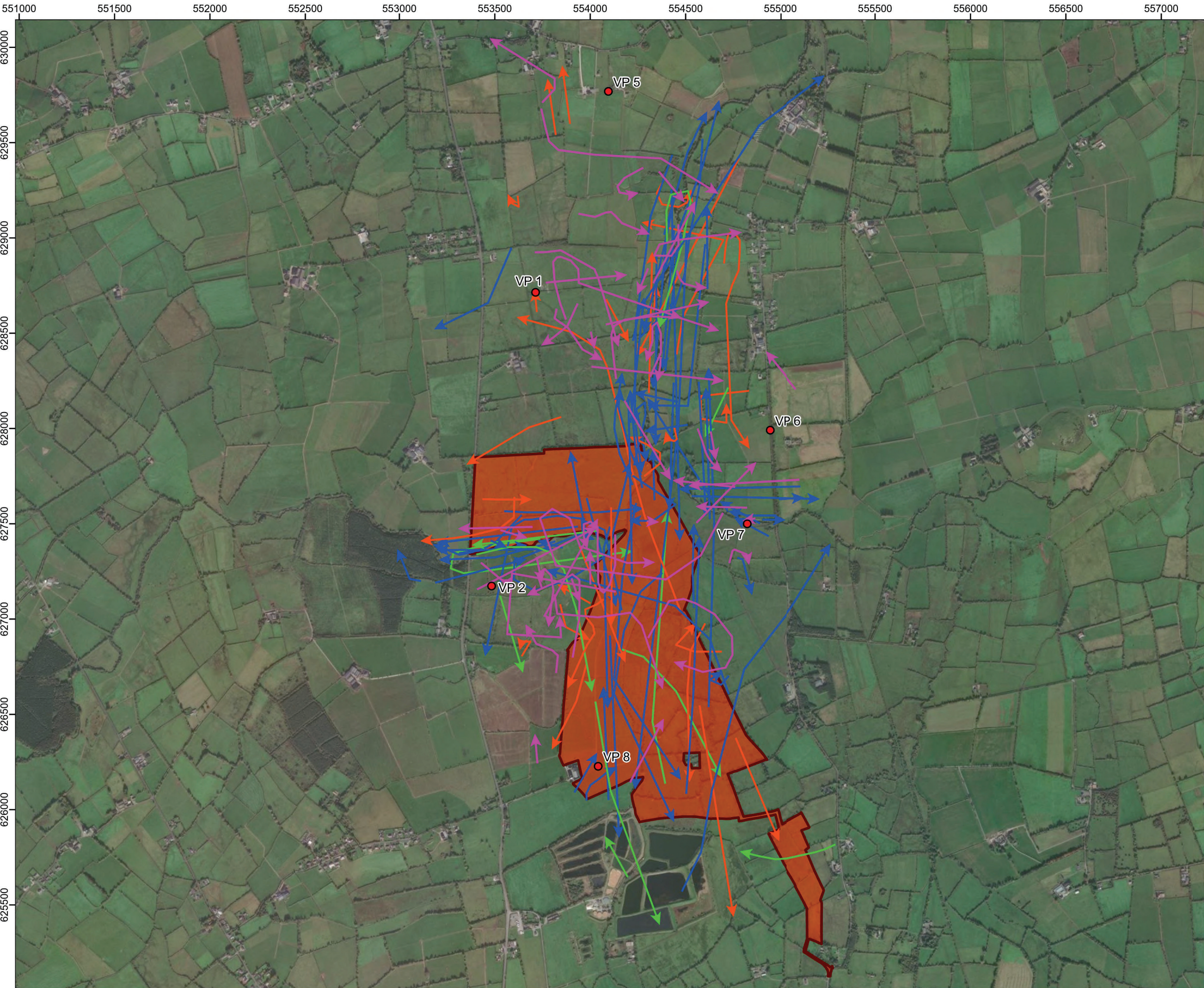
EXPERTS IN ECOLOGY

**TITLE:** Figure 7b:  
Flight Observations from VP Surveys  
for Target Species during the  
2021/22 Non-Breeding Season

SCALE: 1:16,500 @ A3

REV 00





**Legend:**

- Site boundary
- Vantage Point Location (VP)
- JM Winter 2022/23 Non-Breeding Bird Species Flightlines
- Buzzard
- Cormorant
- Kestrel
- Mallard



| 02  | 06/08/2025 | 2486055     | TG  | RPH | EP  |
|-----|------------|-------------|-----|-----|-----|
| Rev | Date       | Description | Drn | Chk | App |

**Bird Survey Garrane Wind Farm**



TITLE: Figure 7c (Page 1 of 2):  
Flight Observations from VP Surveys  
for Target Species during the  
2022/23 Non-Breeding Season

0230460690

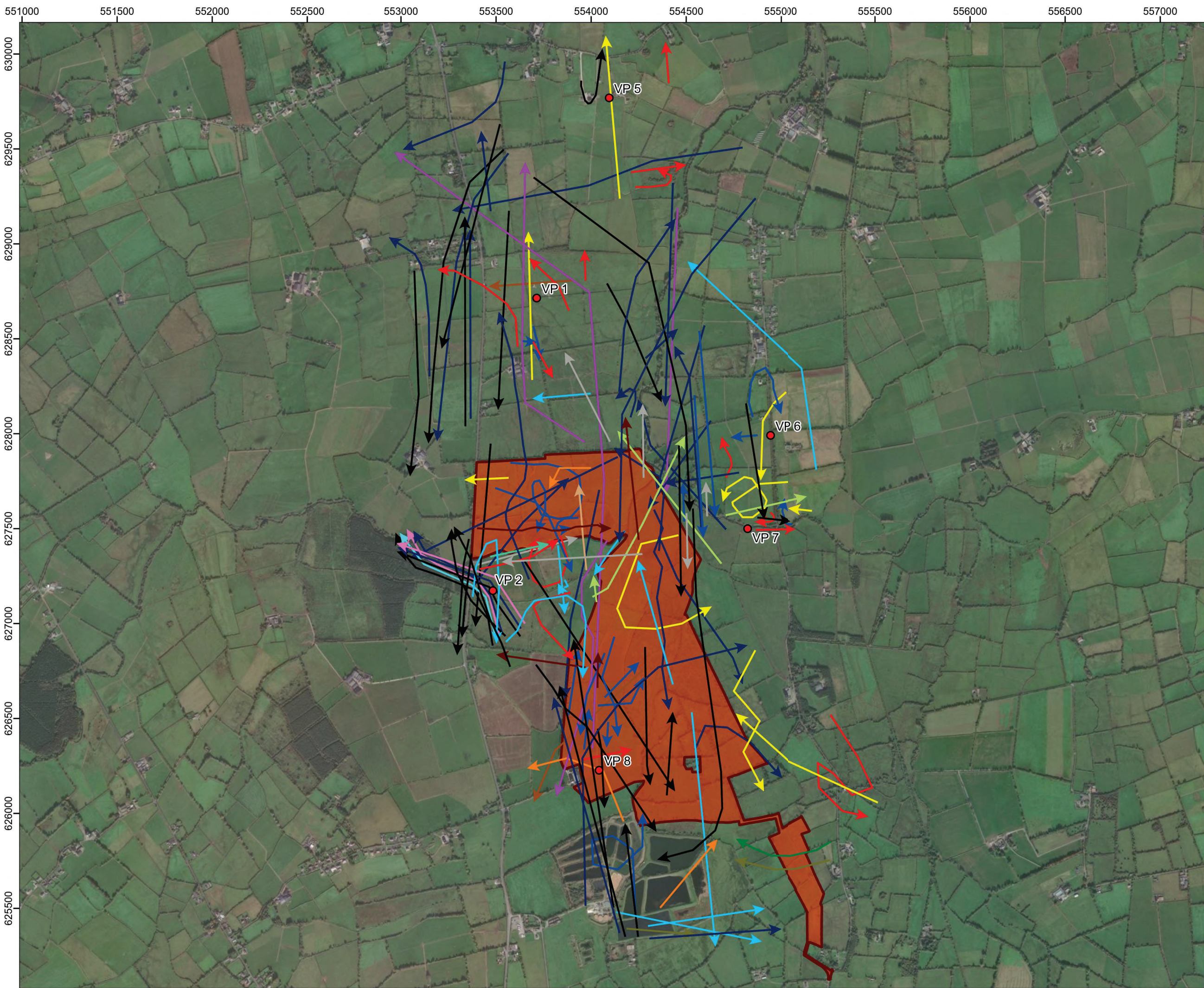
Metres

SCALE: 1:18,500 @ A3

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- Legend:**
- Site boundary
  - Vantage Point Location (VP)
  - JM Winter 2022/23 Non-Breeding Bird Species Flightlines
  - Black-headed gull
  - Common gull
  - Golden plover
  - Grey heron
  - Greylag goose
  - Hen harrier
  - Herring gull
  - Lapwing
  - Lesser black-backed gull
  - Little egret
  - Mediterranean gull
  - Merlin
  - Mute swan
  - Shoveler
  - Snipe
  - Sparrowhawk
  - Teal
  - Wigeon

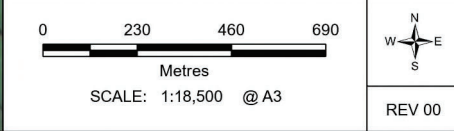


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| Rev | Date       | Description | Drn | Chk | App |

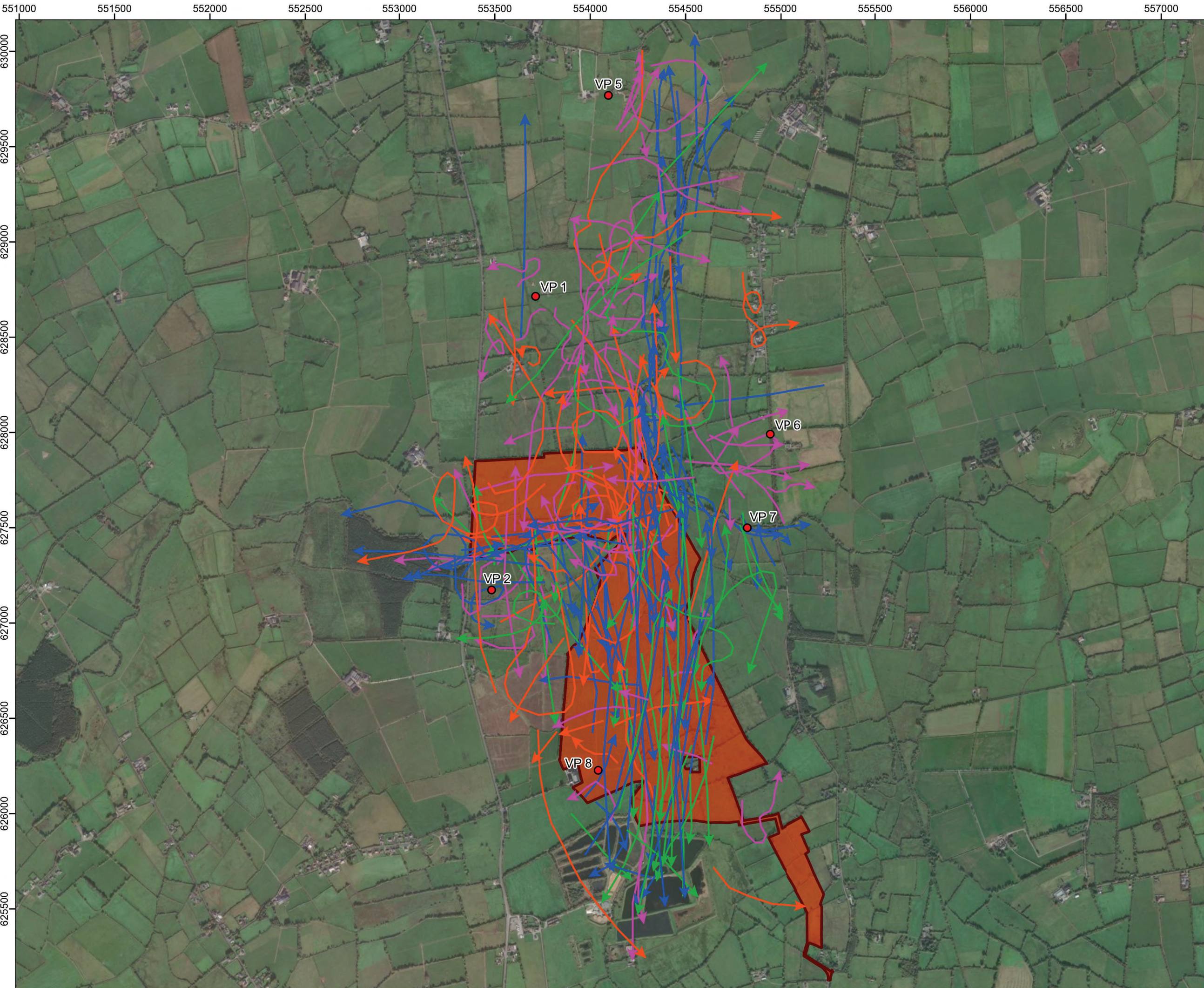
Bird Survey Garrane Wind Farm



TITLE: Figure 7c (Page 2 of 2):  
Flight Observations from VP Surveys  
for Target Species during the  
2022/23 Non-Breeding Season







**Legend:**

- Site boundary
- Vantage Point Location (VP)
- JM Winter 2023/24 Non-Breeding Bird Species Flightlines
- Buzzard
- Cormorant
- Kestrel
- Mallard



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|-----|------------|-------------|-----|-----|-----|
| Rev | Date       | Description | Drn | Chk | App |

Bird Survey Garrane Wind Farm



TITLE: Figure 7d (Page 1 of 2):  
Flight Observations from VP Surveys  
for Target Species during the  
2023/24 Non-Breeding Season

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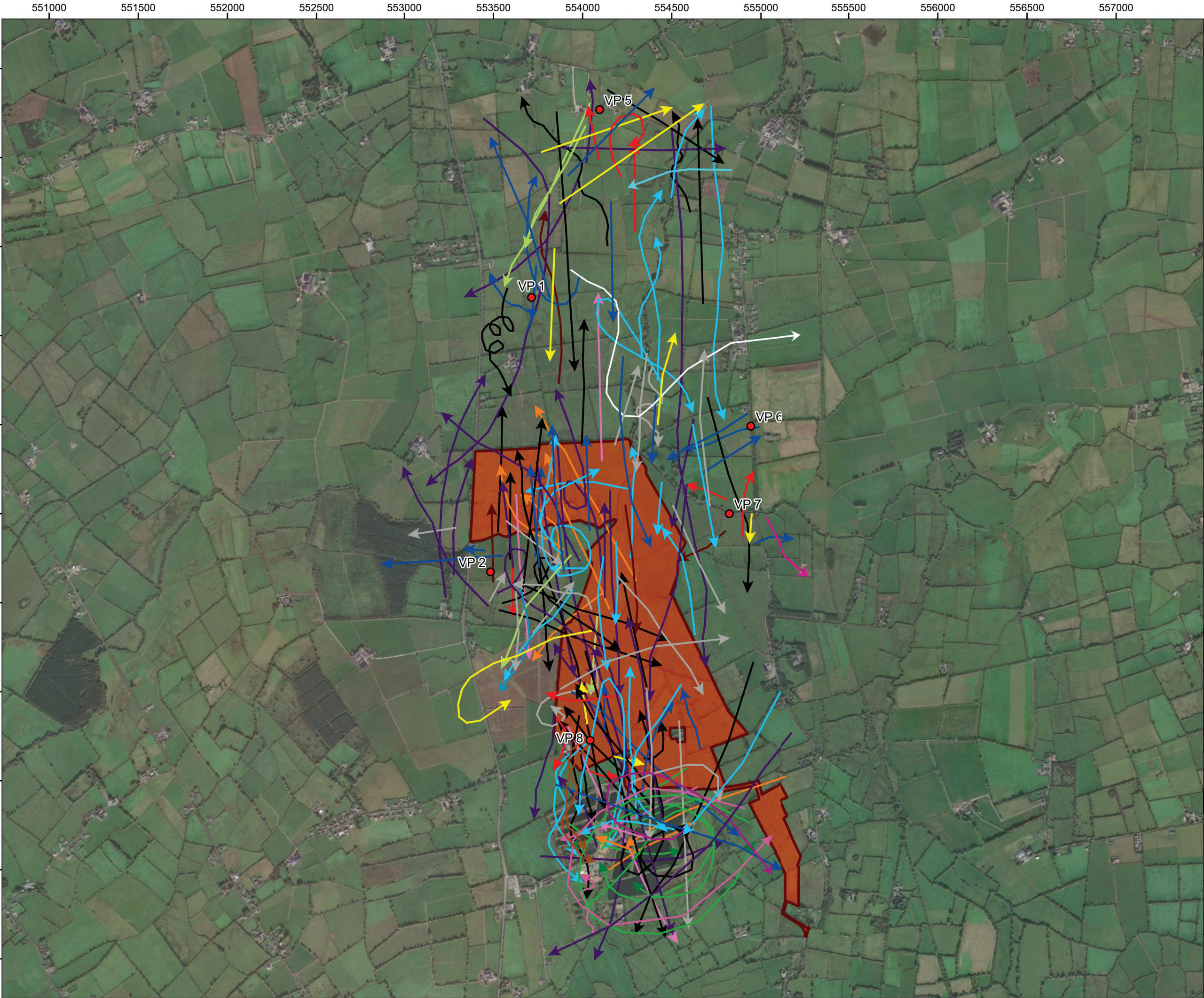
Metres

SCALE: 1:18,500 @ A3

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- Legend:
- Site boundary
  - Vantage Point Location (VP)
  - JM Winter 2023/24 Non-Breeding Bird Species Flightlines
  - Barn owl
  - Black-headed gull
  - Cattle egret
  - Common gull
  - Curlew
  - Golden plover
  - Grey heron
  - Greylag Goose
  - Hen harrier
  - Lapwing
  - Lesser black-backed gull
  - Little egret
  - Mute swan
  - Short-eared owl
  - Shoveler
  - Snipe
  - Sparrowhawk
  - White-tailed eagle
  - Wigeon

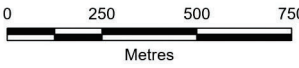


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|-----|------------|-------------|-----|-----|-----|
| Rev | Date       | Description | Drn | Chk | App |

Bird Survey Garrane Wind Farm

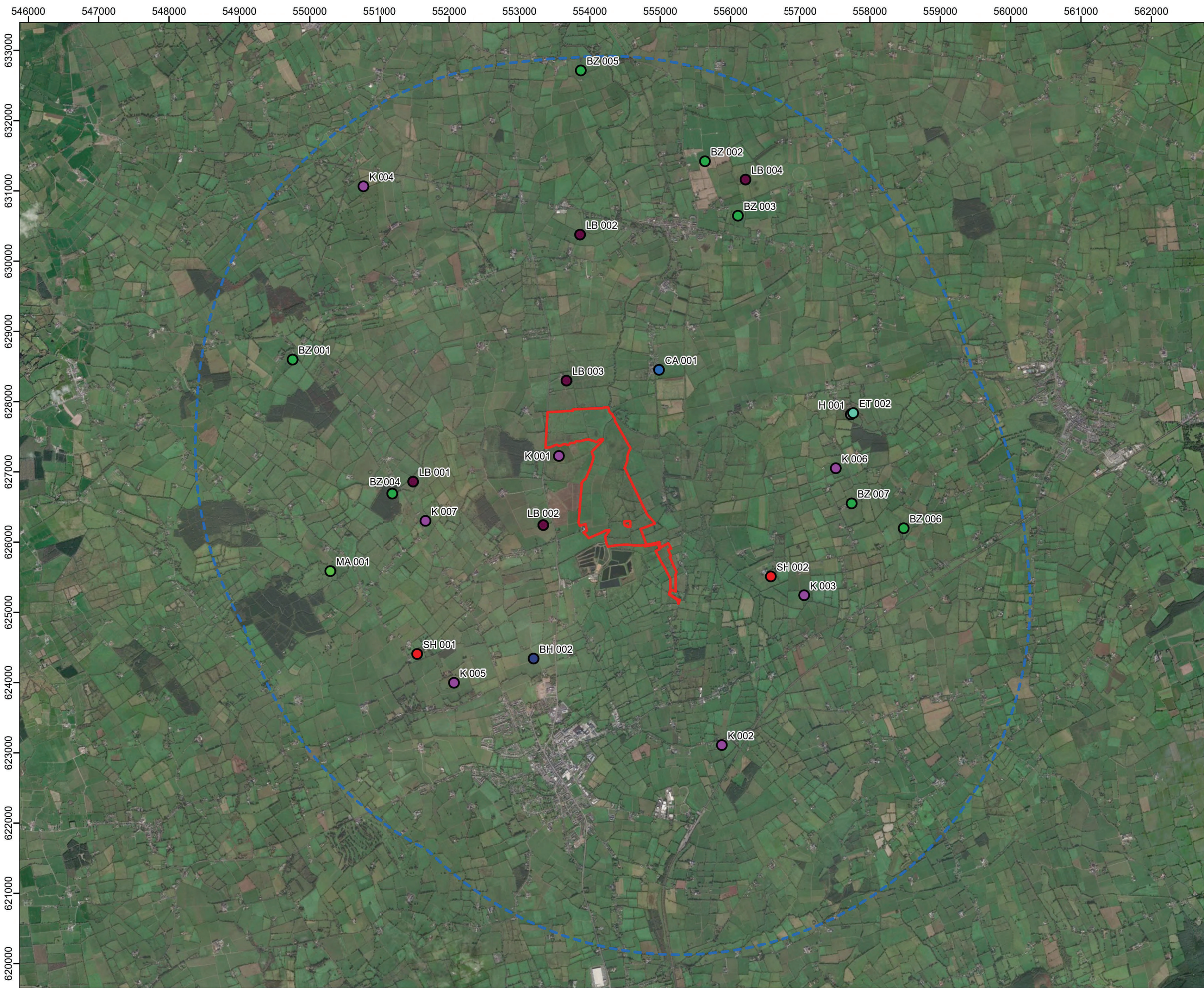


TITLE: Figure 7d (Page 2 of 2):  
Flight Observations from VP Surveys  
for Target Species during the  
2023/24 Non-Breeding Season



REV 00





Legend:

- Site boundary
- 5km survey area

Hinterland Species Results

- Black-headed gull
- Buzzard
- Cormorant
- Dipper
- Grey heron
- Grey wagtail
- Kestrel
- Lesser black-backed gull
- Little egret
- Mallard
- Sparrowhawk

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|-----|------------|-------------|-----|-----|-----|
| Rev | Date       | Description | Drn | Chk | App |

**Bird Survey Garrane Wind Farm**

EXPERTS IN ECOLOGY

TITLE: Figure 8a:  
Additional Area Survey Results  
Hinterland

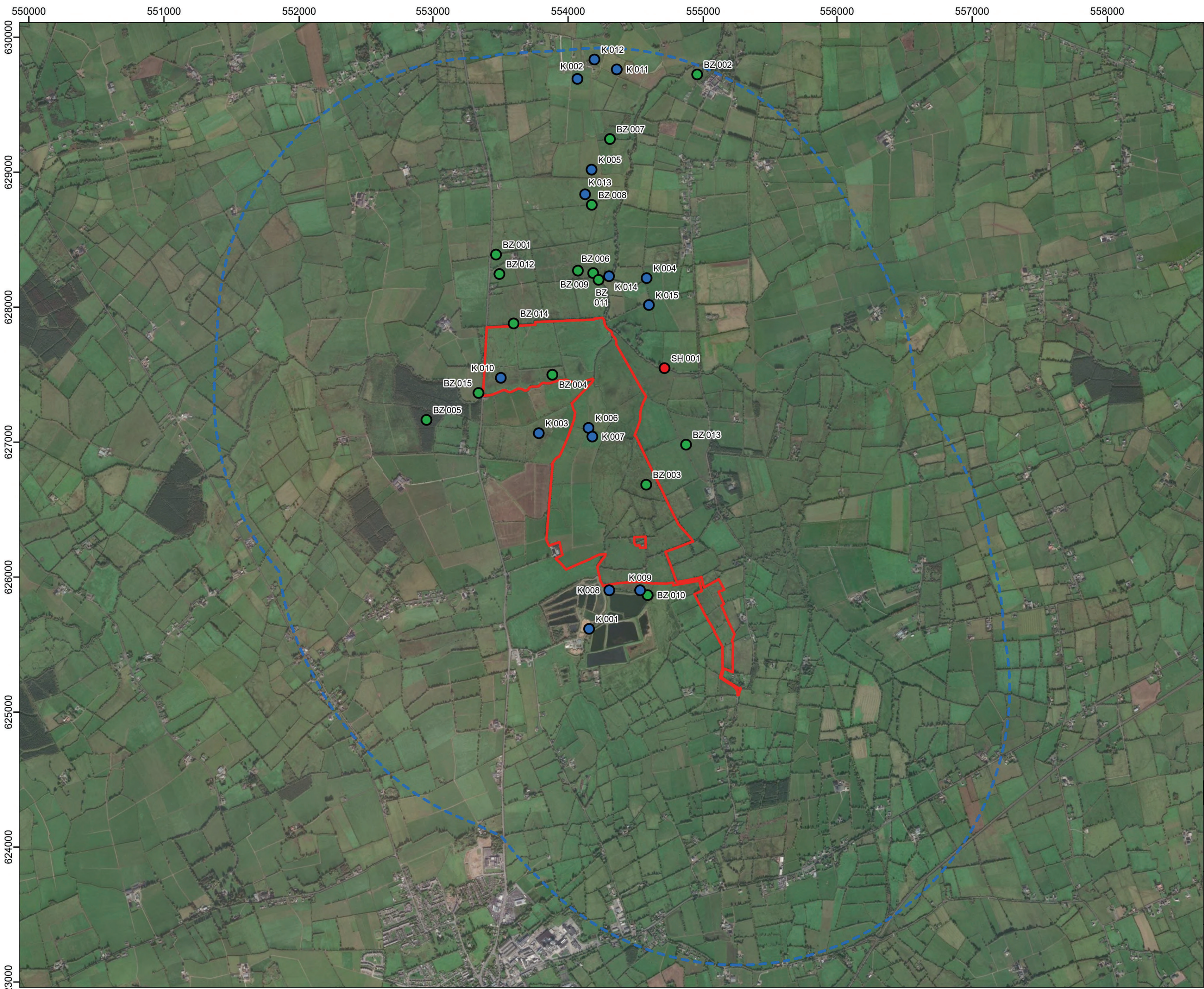
062512501875

Metres

SCALE: 1:50,000 @ A3

REV 00





**Legend:**

- Site boundary
- 2km site buffer

**Raptor Species Recorded**

- Buzzard
- Kestrel
- Sparrowhawk

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|-----|------------|-------------|-----|-----|-----|
| Rev | Date       | Description | Drn | Chk | App |

**Bird Survey Garrane Wind Farm**

EXPERTS IN ECOLOGY

**TITLE: Figure 8b:**

**Additional Area Survey Results  
Raptors**

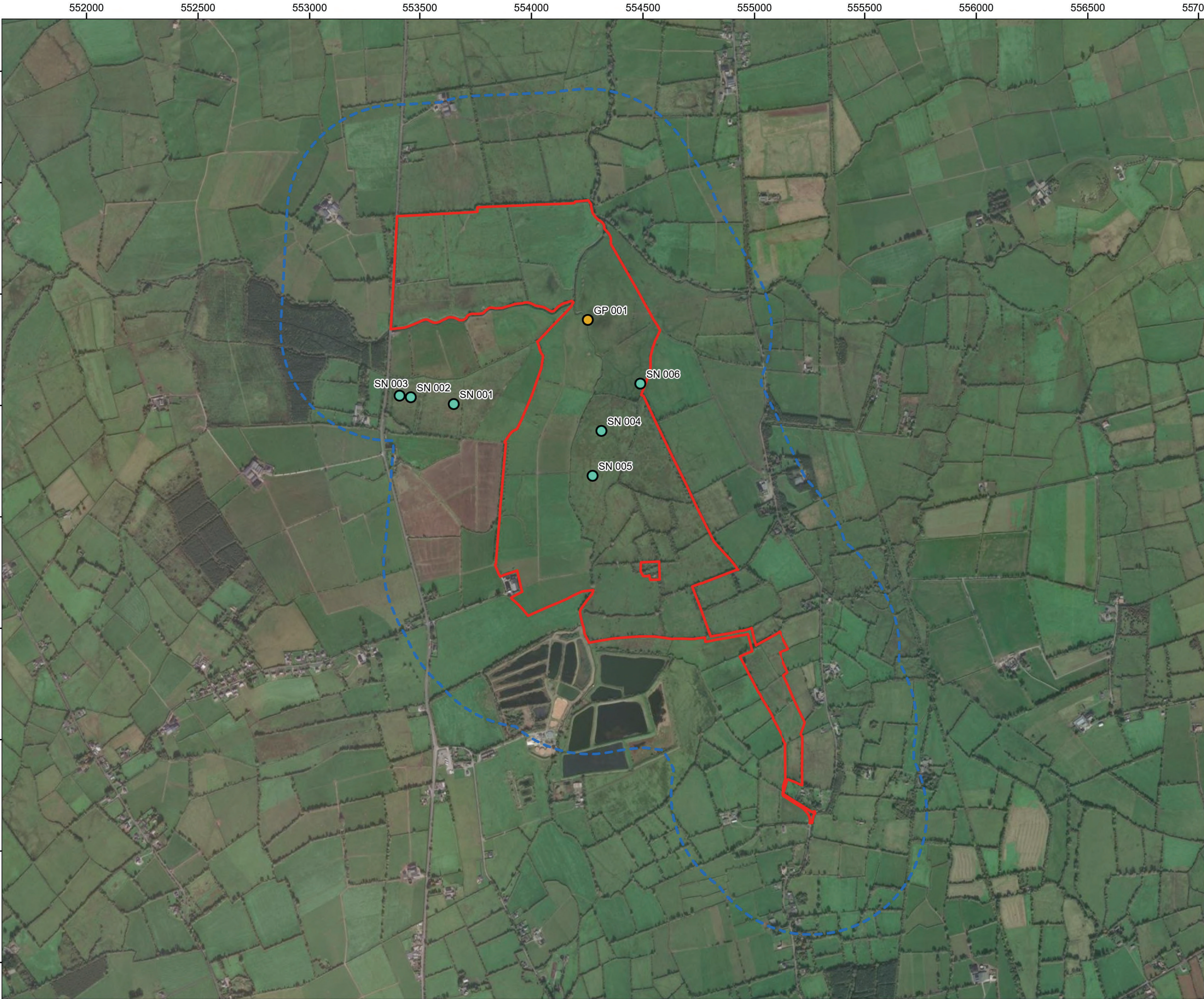
0330660990

Metres

SCALE: 1:26,000 @ A3

REV 00





Legend:

- Site boundary
- 500m site buffer

Wader Species Recorded

- Golden plover
- Snipe

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|-----|------------|-------------|-----|-----|-----|
| Rev | Date       | Description | Drn | Chk | App |

Bird Survey Garrane Wind Farm

EXPERTS IN ECOLOGY

TITLE: Figure 8c:

Additional Area Survey Results  
Waders

0

200

400

600

Metres

SCALE: 1:16,000 @ A3

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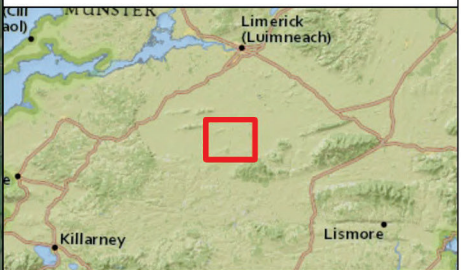
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- Legend:
- Site boundary
  - 5km site buffer
  - Charleville Lagoons
  - Whooper swan flightline
  - Incidental sighting within the lagoons area



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|-----|------------|-------------|-----|-----|-----|
| Rev | Date       | Description | Drn | Chk | App |

Bird Survey Garrane Wind Farm



TITLE: Figure 8d:  
Additional Area Survey Results  
Whooper Swan

