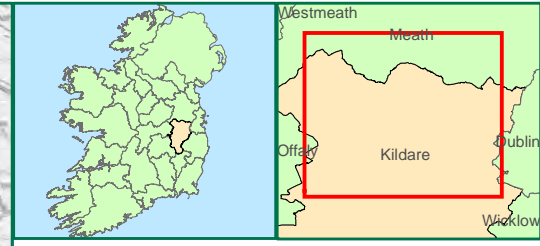
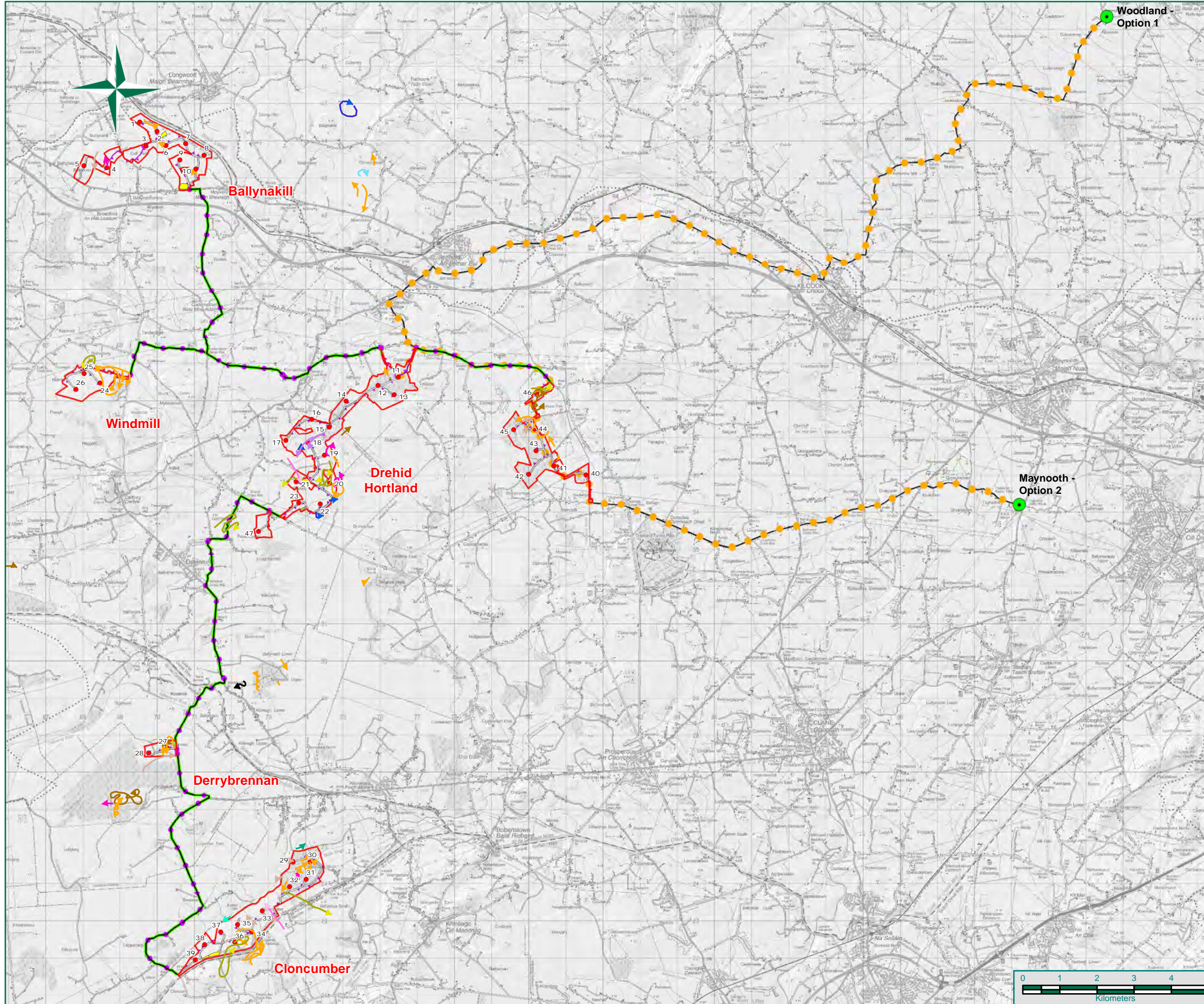


Appendix 6

Maps Volume





- Legend**
- Turbine Location
 - Wind Farm Cluster Boundary
 - ▲ Proposed Met Mast Locations
 - Proposed Borrow Pit Locations
 - Proposed Compound Location
 - Proposed Substation Footprint
 - Indicative Access Track
 - MV Cable Route (Internal to Cluster)
 - MV Cable Route (External to Cluster)
 - Irish Grid Connection Point
 - HV Cable Route
- M B&S Flightlines of Note**
- Mallard
 - Mute Swan
 - Black-headed Gull
 - Peregrine
 - Buzzard
 - Snipe
 - Golden Plover
 - Sparrowhawk
 - Kestrel
 - Whooper Swan
 - Kingfisher
 - Lapwing

Date 26/03/2015

Name Of Client
Element Power Ireland

Name Of Job
Maighne Wind Farm

Title Of Figure
Modified Brown and Shepherd (B&S) Flightlines of Note

Scale Used 1:100,000 @ A3

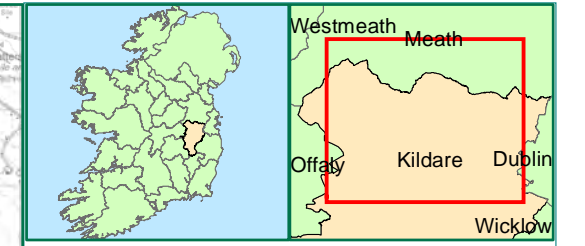
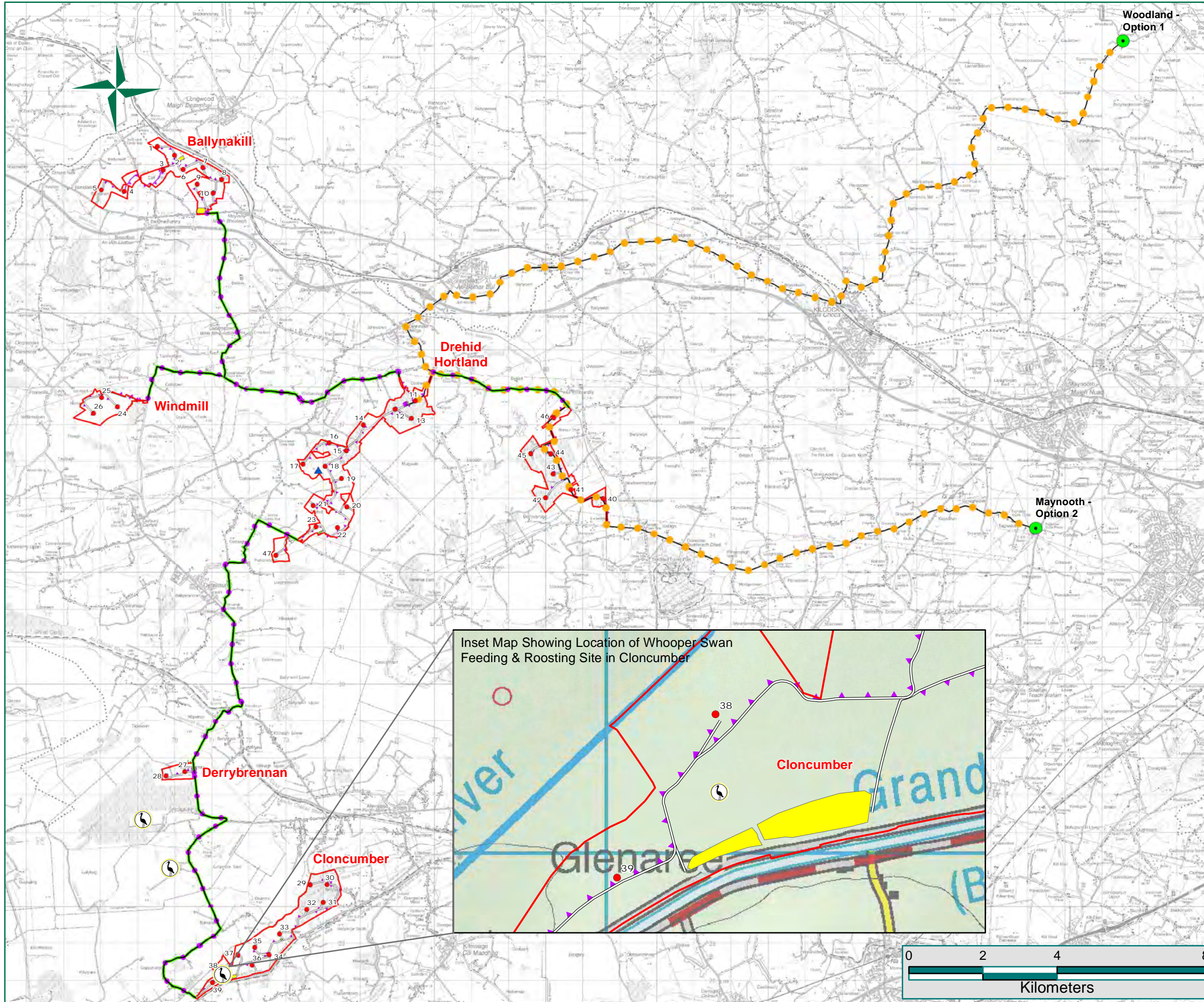
Figure No. 7.2. Rev A

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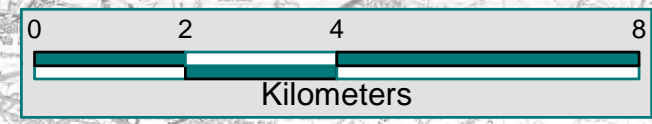
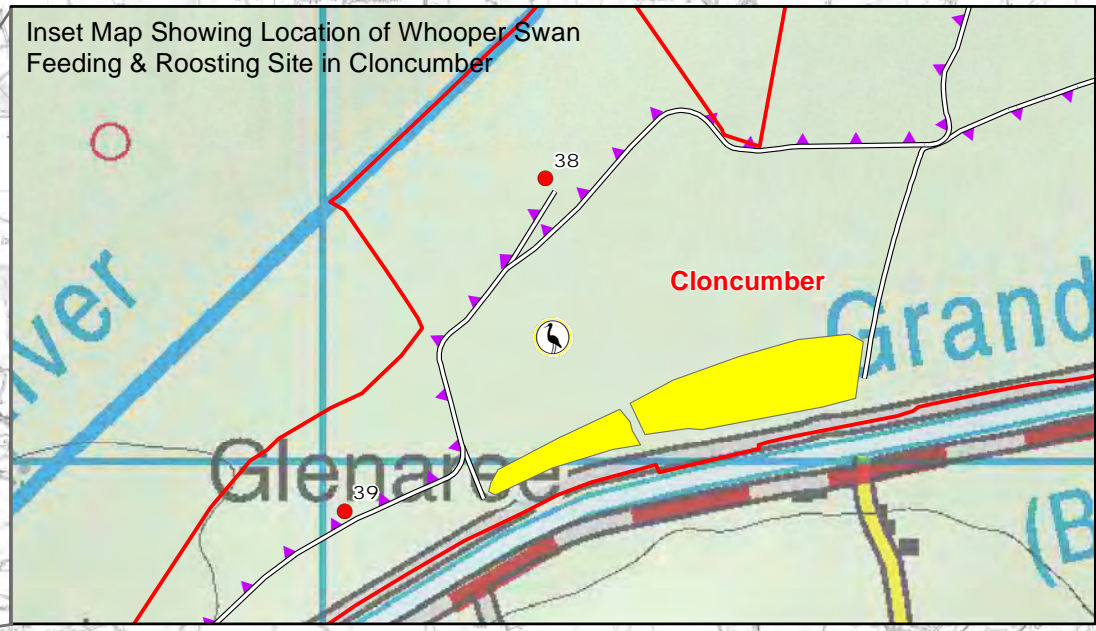
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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (External to Cluster)
- ▲— MV Cable Route (Internal to Cluster)
- HV Cable Route
- Irish Grid Connection Point
- Whooper Swan Feeding & Roosting Sites

Date	31/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Whooper Swan Feeding & Roosting Sites	
Scale Used	1:100,000 @ A3	
Figure No.	7.3.	Rev A

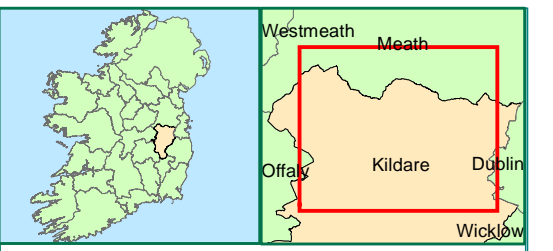
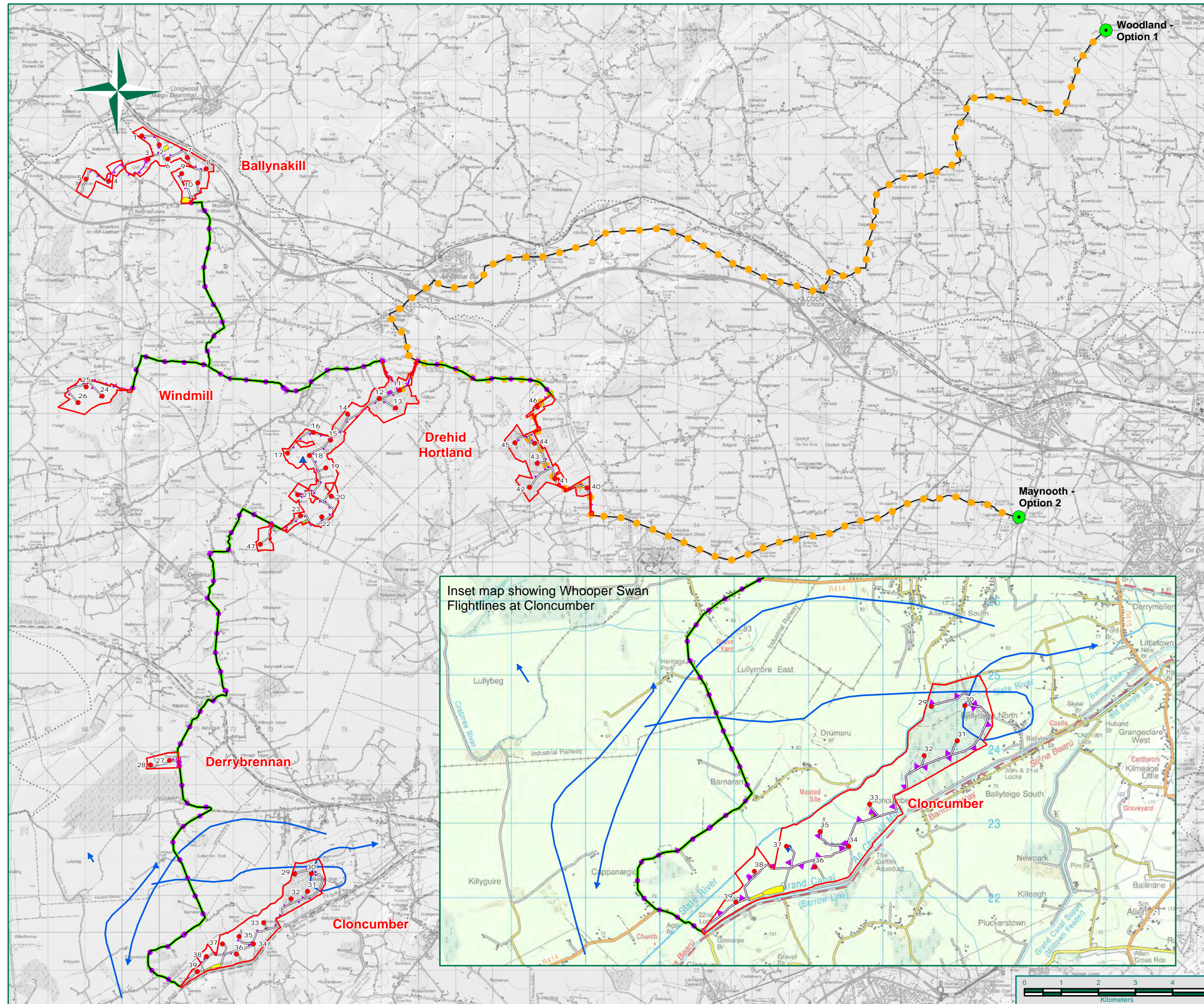



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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- MV Cable Route (Internal to Cluster)
- MV Cable Route (External to Cluster)
- Indicative Access Track
- Irish Grid Connection Point
- HV Cable Route
- Whooper Swan Flightline

Date 26/03/2015

Name Of Client
Element Power Ireland

Name Of Job
Maighne Wind Farm

Title Of Figure
Whooper Swan Cumulative Flight Activity
Winter Bird Survey - Year 2

Scale Used 1: 100,000 @ A3

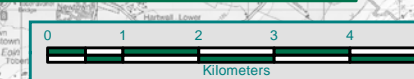
Figure No. 7.4. Rev A

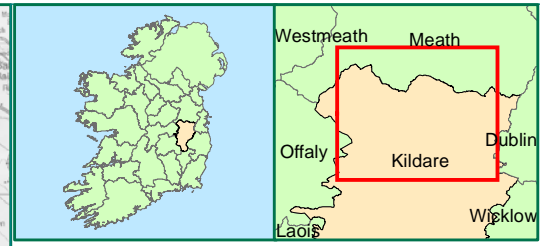
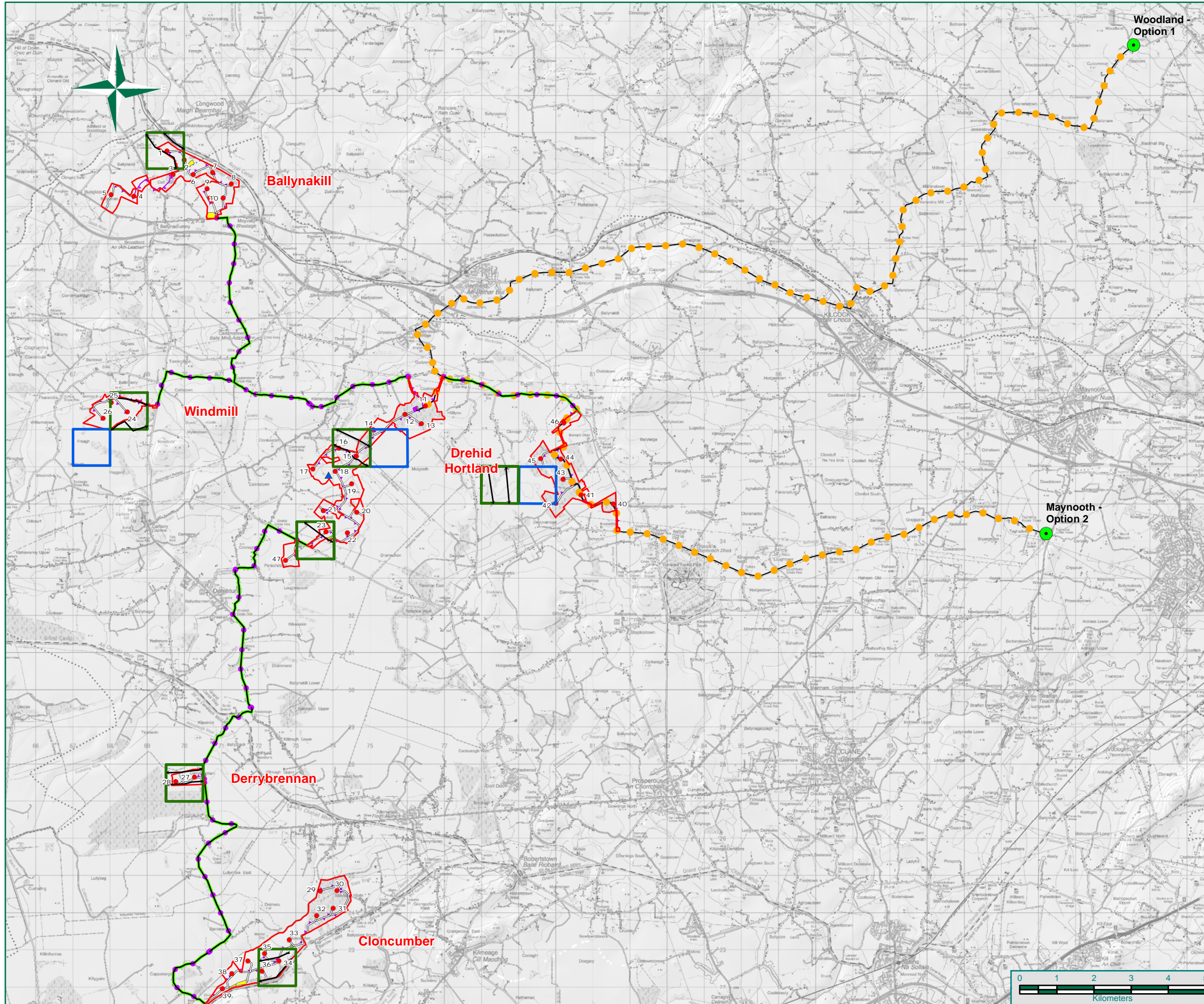
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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (Internal to Cluster)
- MV Cable Route (External to Cluster)
- Irish Grid Connection Point
- HV Cable Route
- CBS Transects
- CBS 1km Survey Square
- Merlin 1km Survey Square

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Survey Squares Overview	
Scale Used	1:100,000 @ A3	
Figure No.	7.5.	Rev A

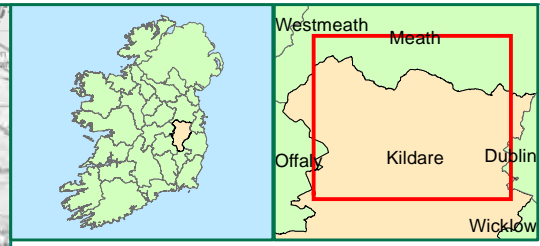
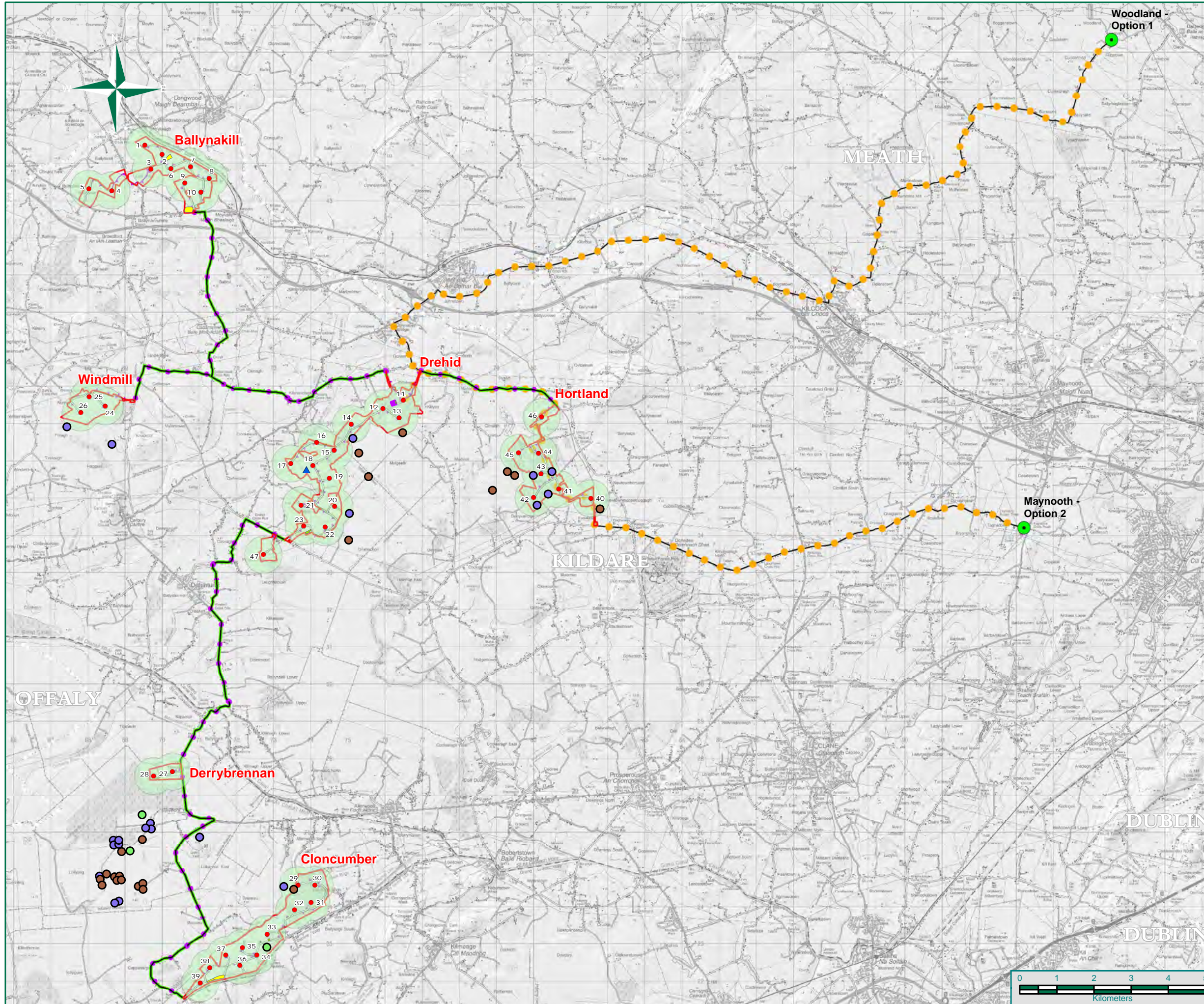
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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- 500m Buffer
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (External to Cluster)
- MV Cable Route (Internal to Cluster)
- HV Cable Route
- Irish Grid Connection Point

Breeding Wader Location

- Lapwing L.
- Snipe SN
- Woodcock WK

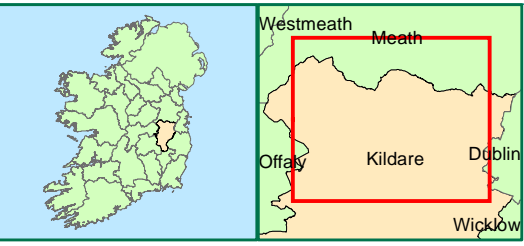
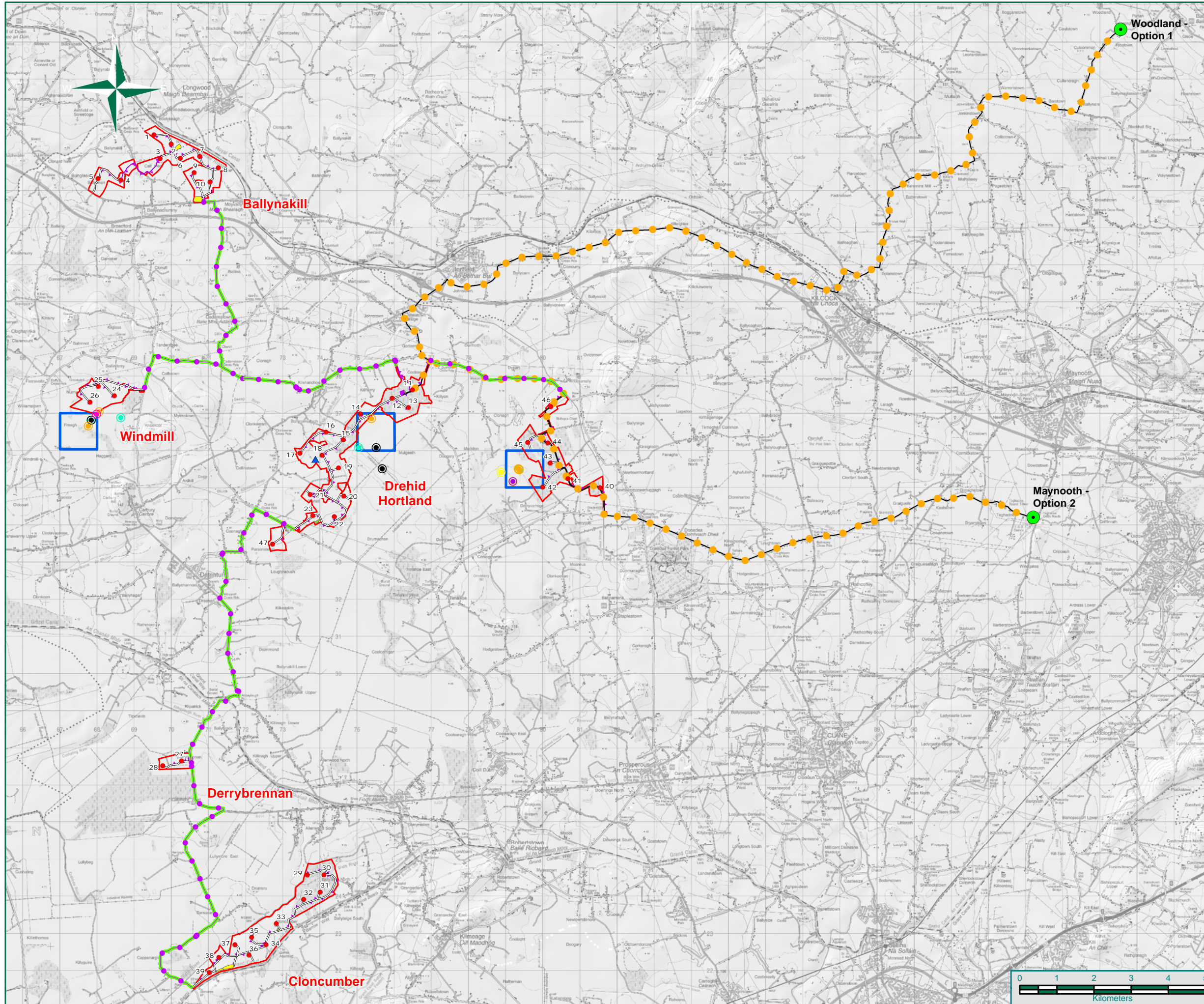
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Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Breeding Wader Results	
Scale Used	1:100,000 @ A3	
Figure No.	7.6.	Rev A

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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (External to Cluster)
- MV Cable Routes (Internal to Cluster)
- Irish Grid Connection Point
- HV Cable Route
- Merlin 1km Survey Square

Merlin Survey Results

- Other
- Moth Wing
- Pellets
- Plucked Item
- Pellets + Plucked Item
- Whitewash

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Merlin Results Maighne Overview	
Scale Used	1:100,000 @ A3	
Figure No.	7.7.	Rev A

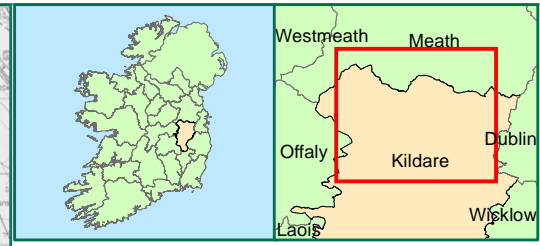
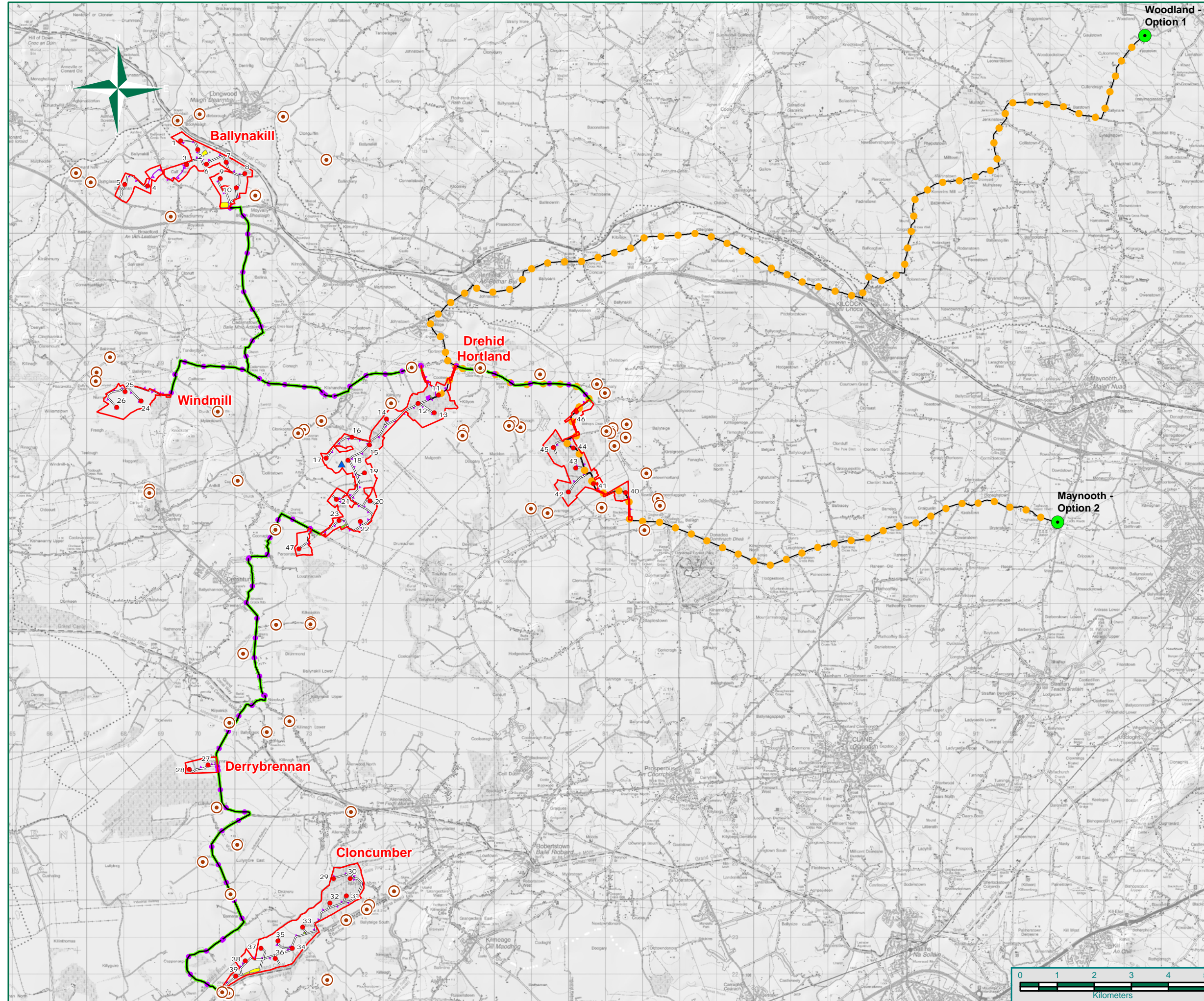
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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Routes (Internal to Cluster)
- MV Cable Route (External to Cluster)
- Irish Grid Connection Point
- HV Cable Route
- Barn Owl Observation Locations

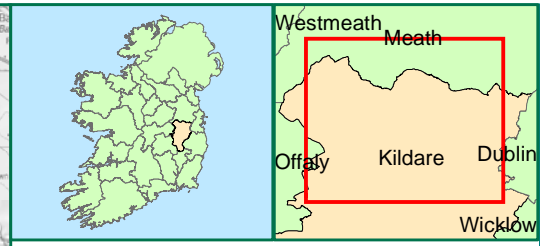
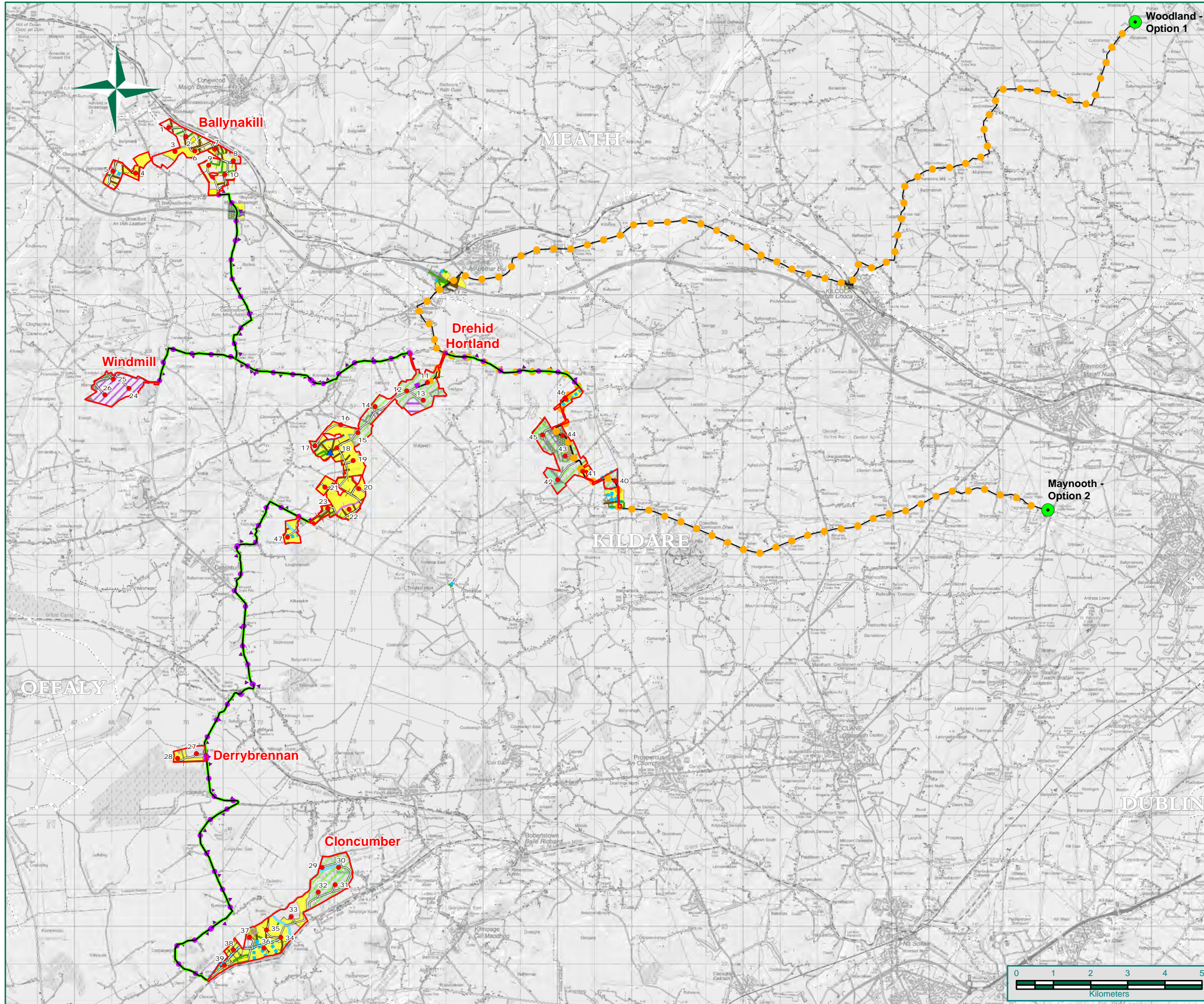
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Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Barn Owl Results Maighne Overview	
Scale Used	1:100,000 @ A3	
Figure No.	7.8	Rev A

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Legend

- Turbine Location
- ▲ Proposed Met Mast Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Indicative Access Track
- MV Cable Route (Internal to Cluster)
- MV Cable Route (External to Cluster)
- Irish Grid Connection Point
- HV Cable Route
- Proposed Substation Location

Habitat Survey

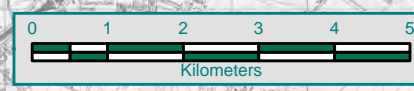
BC1: Arable crops	PB4/GS1: Mosaic
BC3: Tilled land	PB4: Cutover bog
BC4: Flower beds and borders	Pond/FL8: Mosaic
BL3: Buildings and artificial surfaces	WD1: (Mixed) broadleaved woodland
FL8: Other artificial lakes and ponds	WD2: Mixed broadleaved/conifer woodland
FW3: Canals	WD3: (Mixed) conifer woodland
GA1/GS4: Mosaic	WD4/PB4: Mosaic
GA1/WS1: Mosaic	WD4/WD2: Mosaic
GA1: BL3: Buildings and artificial surfaces/Improved agricultural grassland	WD4/WS2: Mosaic
GA1: Improved agricultural grassland	WD4: Conifer plantation
GA2/WS3: Mosaic	WN7: Bog woodland
GA2: Amenity grassland (improved)	WS1/WS2: Mosaic
GS1: Dry calcareous and neutral grassland	WS1: Scrub
GS2/WS2: Mosaic	WS2: Immature woodland
GS2/WS3: Mosaic	WS3/GA2: Mosaic
GS4/GS1: Mosaic	WS3: Ornamental/non-native shrub
GS4: Wet grassland	WS5: Recently-felled woodland
PB1: Raised bog	BL3/GS2: Mosaic
	FW2: Depositing/lowland rivers
	FW4: Drainage ditches
	WL1/WL2: Mosaic
	WL1: Hedgerows
	WL2: Treelines

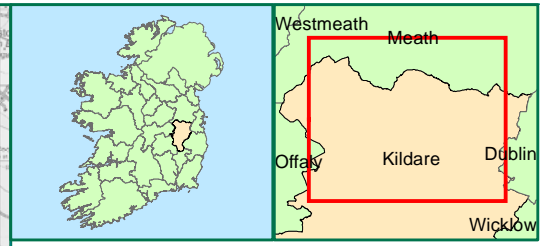
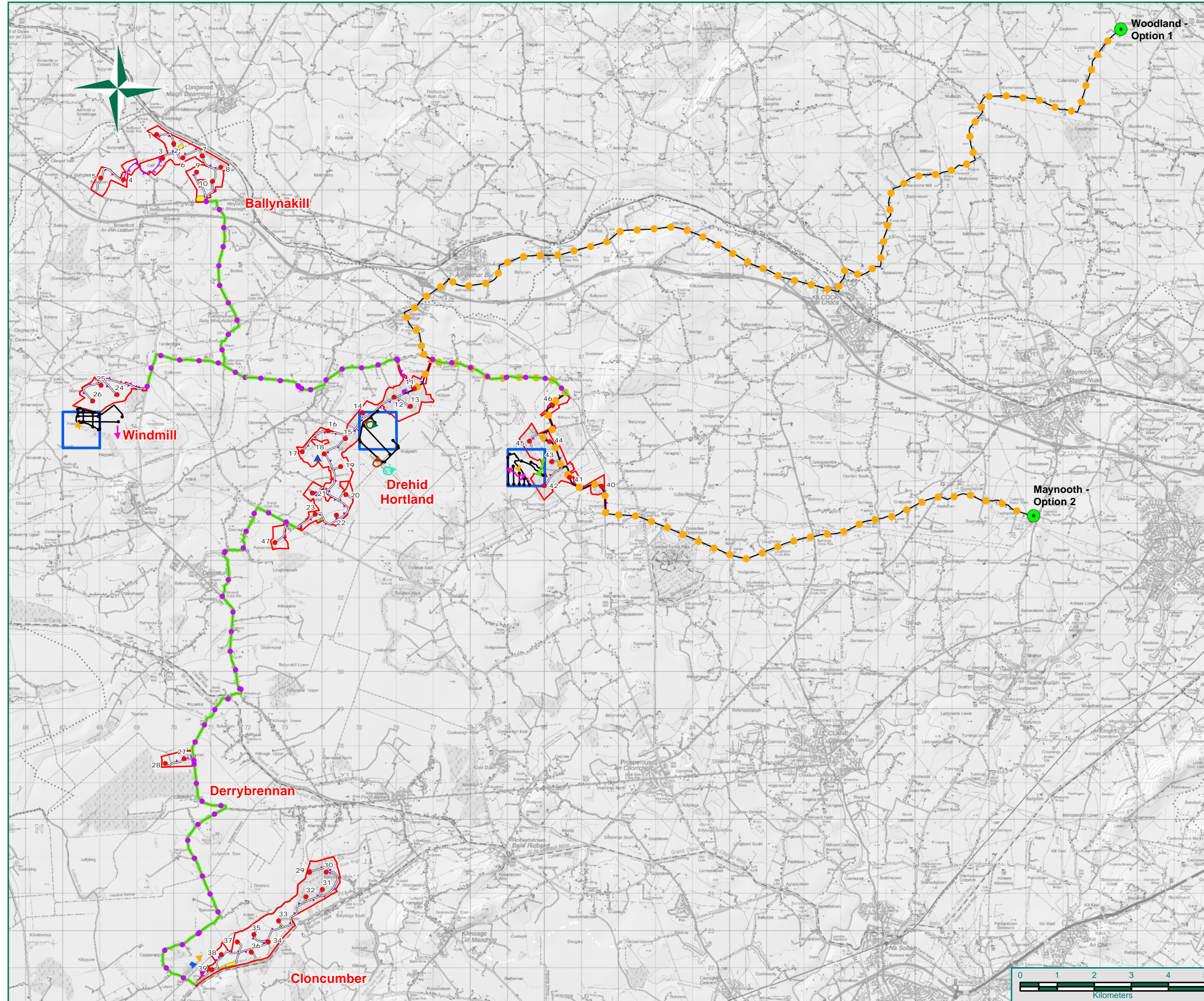
Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maigne Wind Farm	
Title Of Figure	Habitat Map Overview	
Scale Used	1:100,000 @ A3	
Figure No.	7.9.	Rev A

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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (External to Cluster)
- MV Cable Route (Internal to Cluster)
- Irish Grid Connection Point
- HV Cable Route
- Merlin 1km Survey Square
- Merlin Transect

Additional Sightings

- Raven
- Buzzard
- Hen Harrier
- Kestrel
- Mallard
- Snipe
- Sparrowhawk
- Woodcock

Date: 26/03/2015

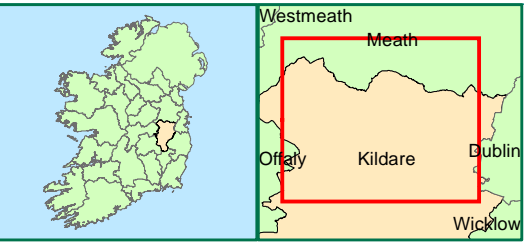
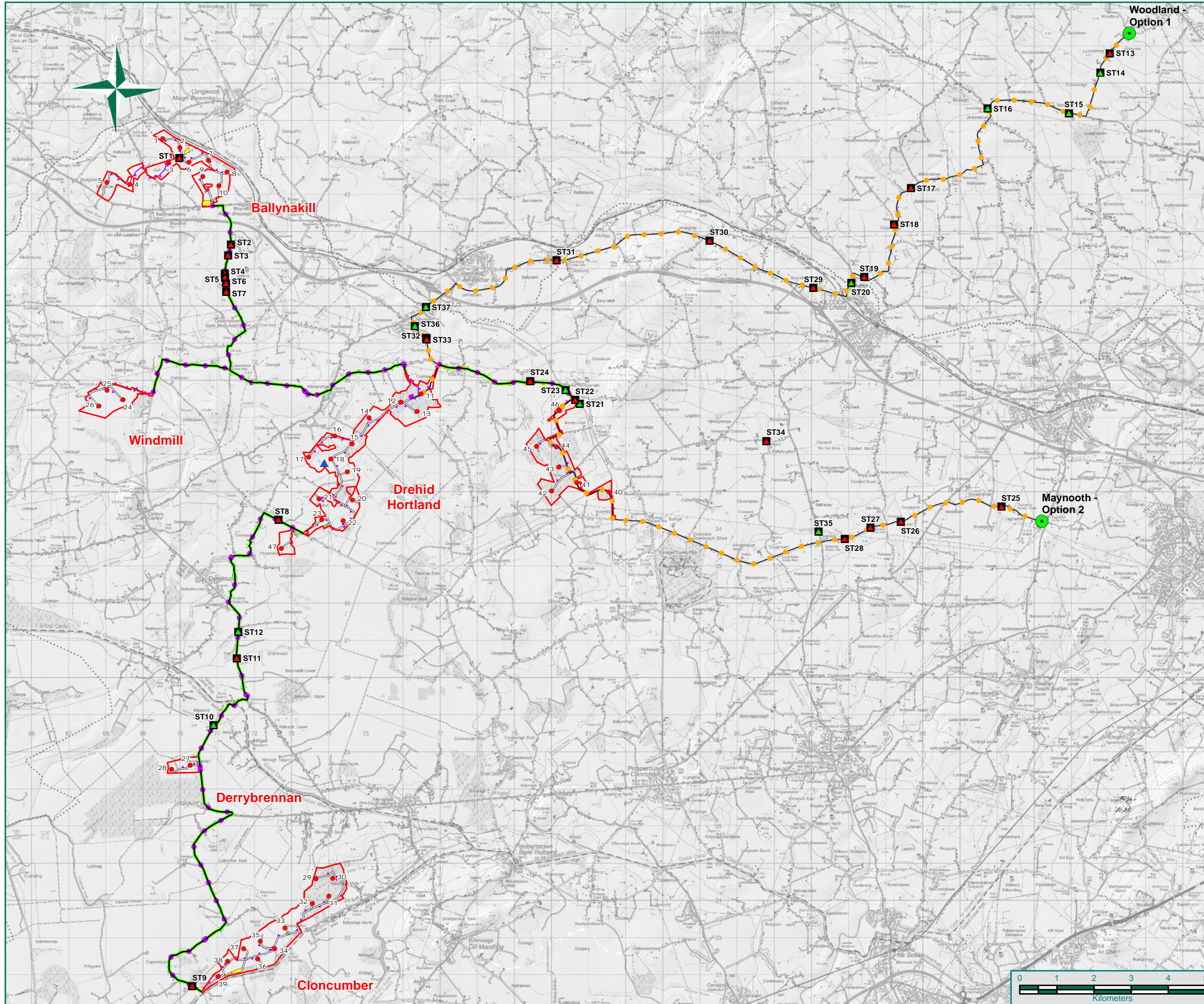
Name Of Client	
Element Power Ireland	
Name Of Job	
Maighne Wind Farm	
Title Of Figure	
Merlin Transects and Additional Sightings Maighne Overview	
Scale Used	1:100,000 @ A3
Figure No.	7.10.
	Rev A

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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (Internal to Cluster)
- MV Cable Route (External to Cluster)
- Irish Grid Connection Point
- HV Cable Route

Structures

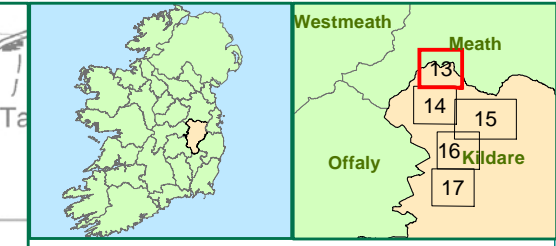
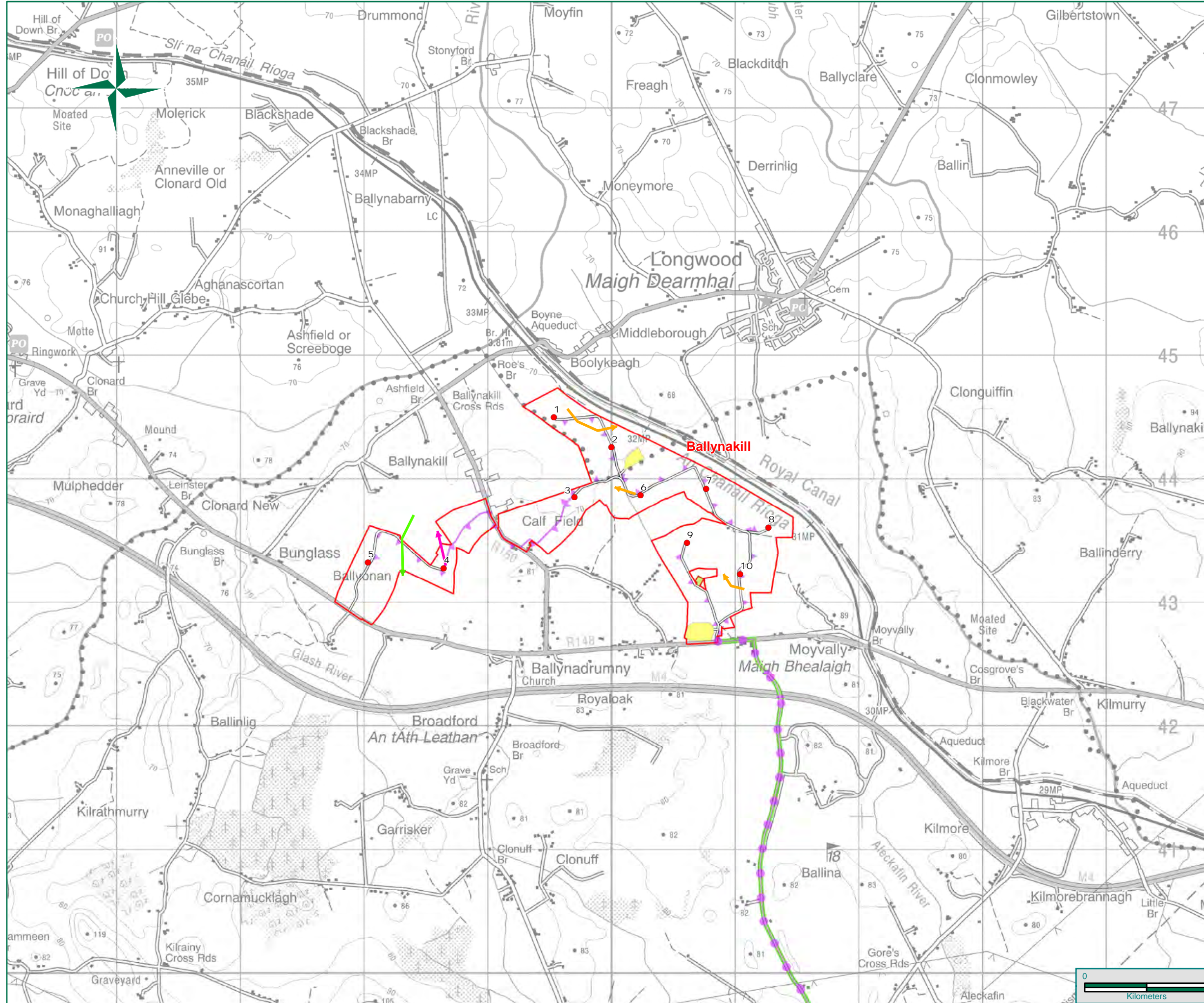
- No Otter Presence
- Possible Otter Presence
- Confirmed Otter Presence

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maigne Wind Farm	
Title Of Figure	Structures Maigne Overview	
Scale Used	1:100,000 @ A3	
Figure No.	7.11	Rev A

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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (Internal to Cluster)
- MV Cable Route (External to Cluster)
- HV Cable Route
- Irish Grid Connection Point

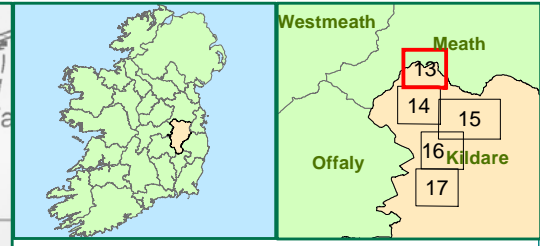
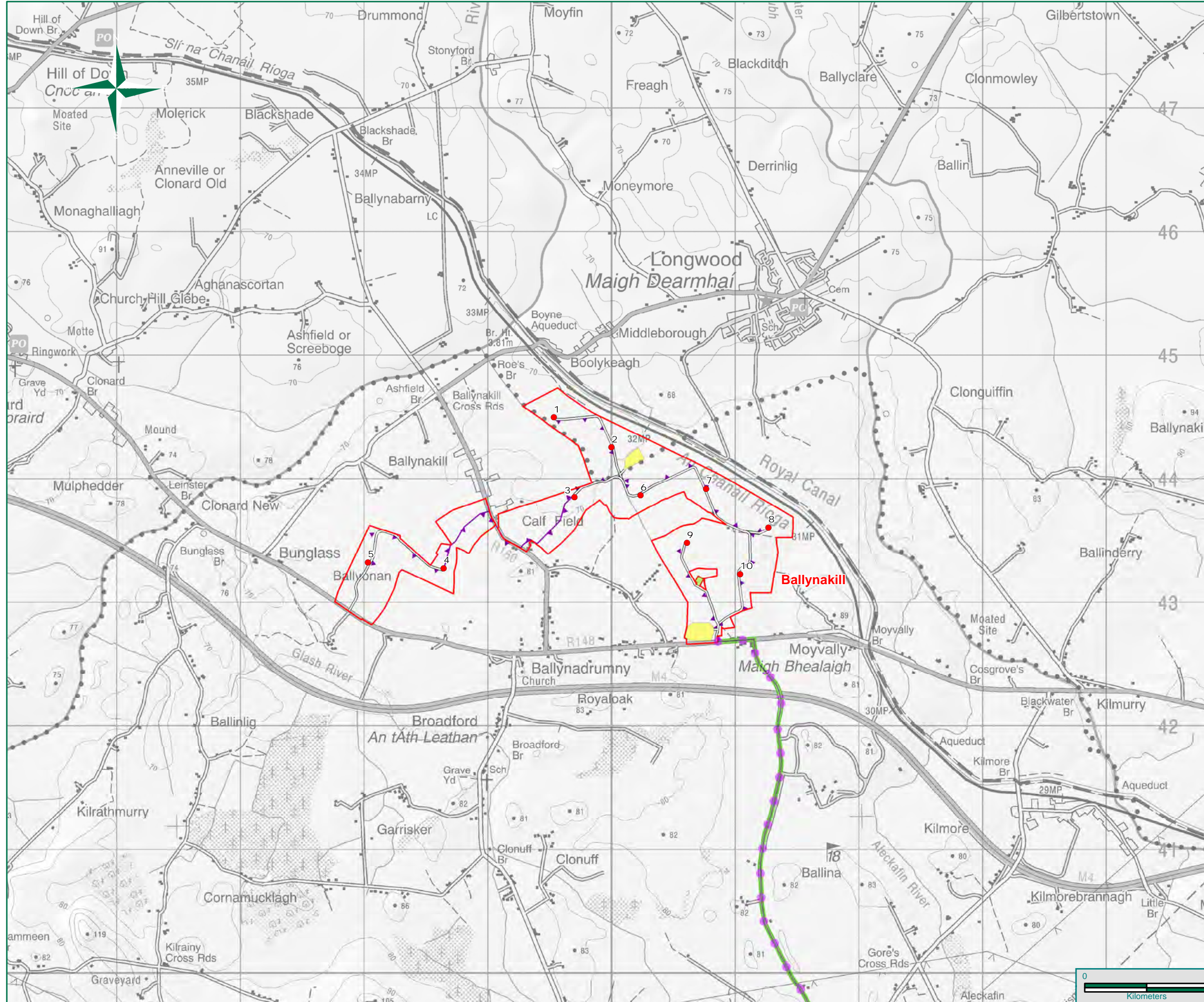
MB&S Flightlines of Note

- Buzzard
- Kestrel
- Sparrowhawk

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Modified Brown and Shepherd (B&S) Flightlines of Note Ballynakill Submap 1 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.13.0	Rev A

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Legend

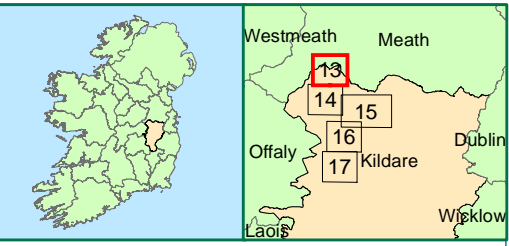
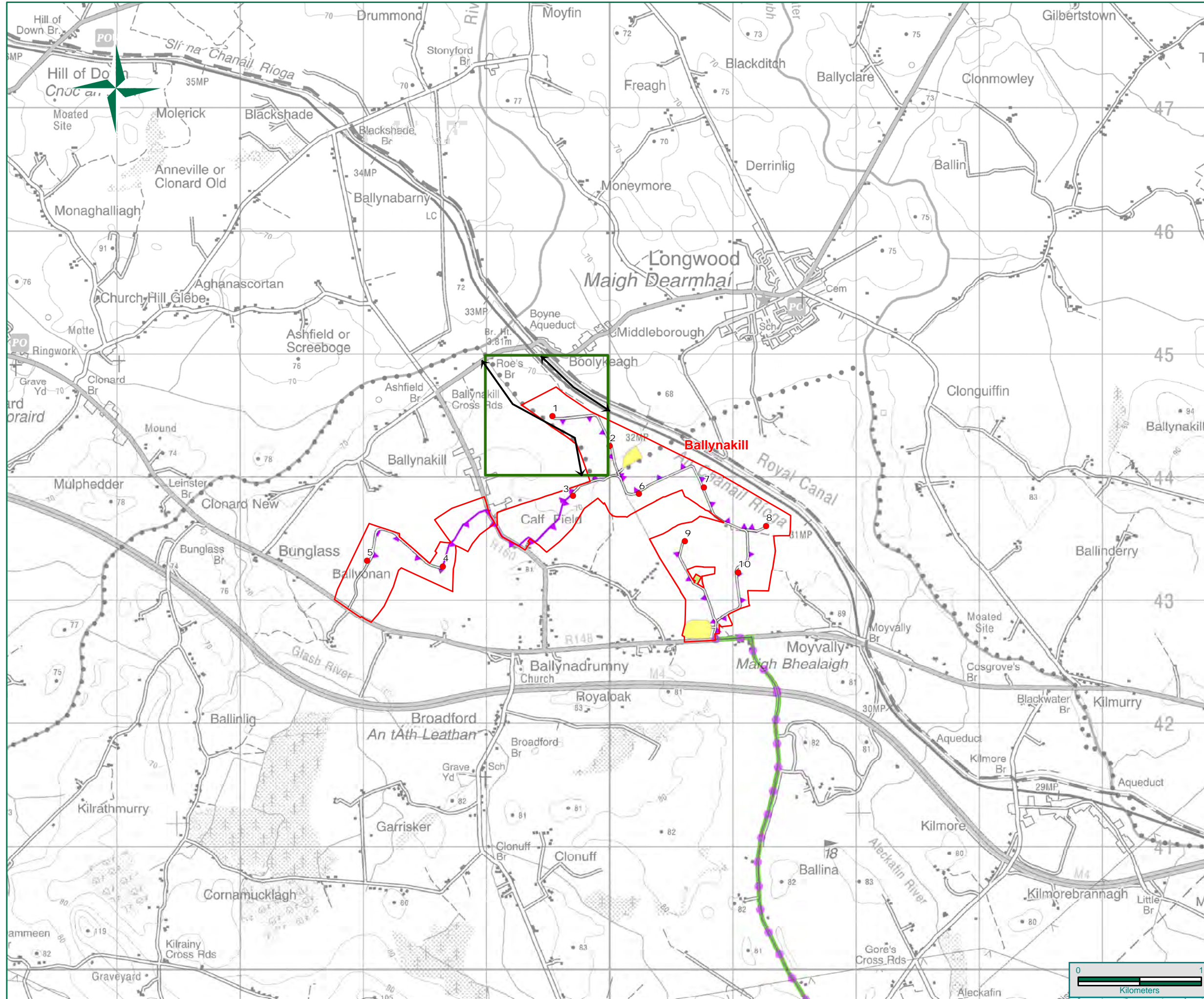
- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- ▲— MV Cable Route (Internal to Clusters)
- MV Cable Route (External to Clusters)
- HV Cable Route
- Irish Grid Connection Point

Whooper Swan Flightline (Number of Observations)

- (0)

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Whooper Swan Cumulative Flightlines Ballynakill Submap 1 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.13.1	Rev A

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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- ▲—▲—▲— MV Cable Route (Internal to Clusters)
- MV Cable Route (External to Clusters)
- Irish Grid Connection Point
- HV Cable Route
- ←→ CBS Transects
- CBS 1km Survey Square

NOTE: This cluster has no merlin survey squares

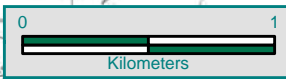
Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Survey Squares Ballynakill Submap 1 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.13.2	Rev A

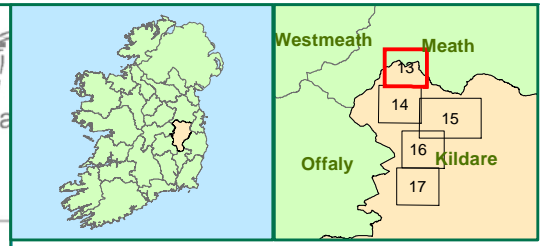
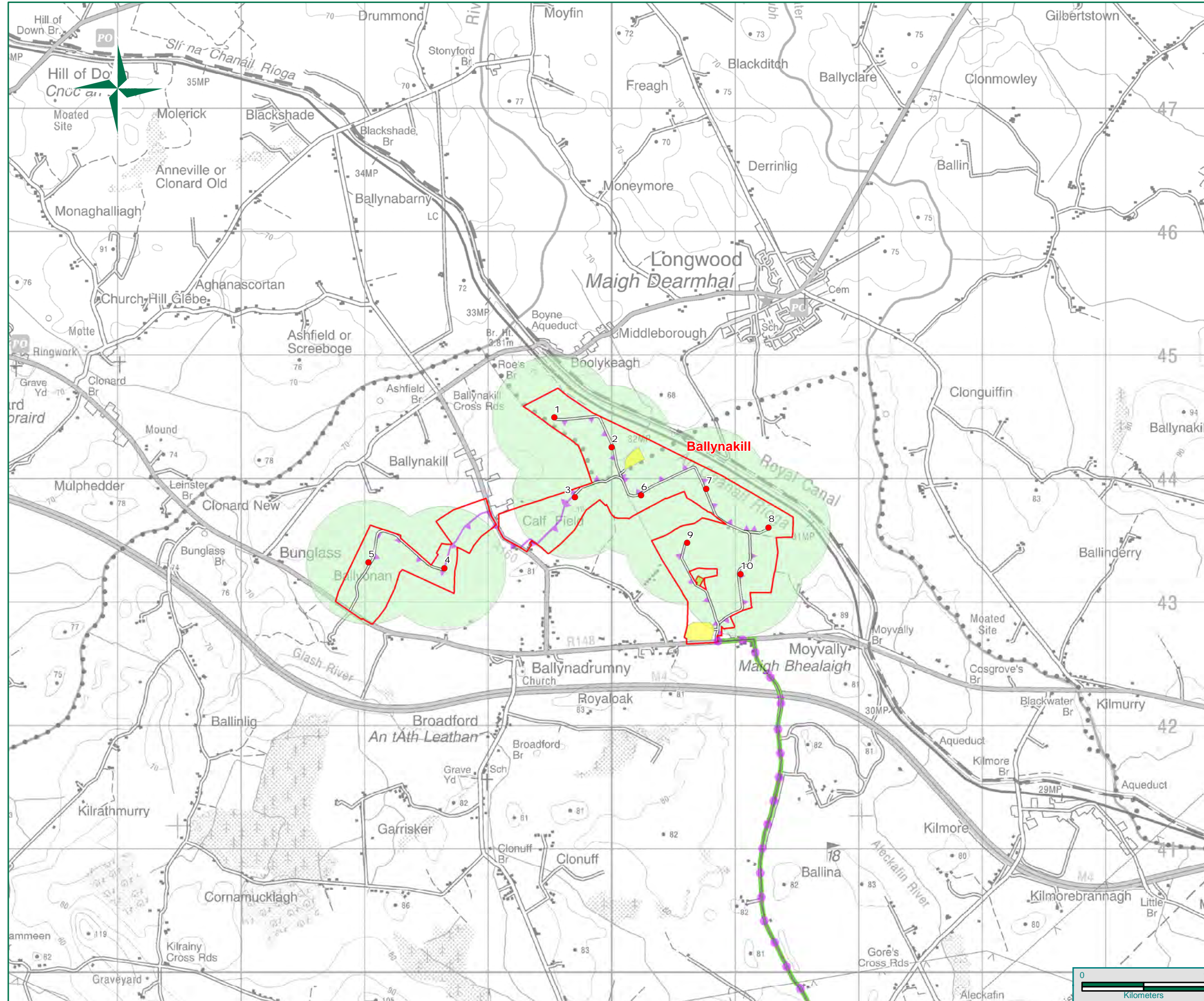
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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Location
- Proposed Substation Location
- Proposed Compound Location
- ▲ Proposed Met Mast Location
- Indicative Access Tracks
- MV Cable Route (External to Cluster)
- ▲—▲—▲— MV Cable Route (Internal to Cluster)
- Irish Grid Connection Points
- HV Cable Route
- 500m Survey Envelope

Breeding Wader Locations (Number of Observations)

- Lapwing L. (0)
- Snipe SN (0)
- Woodcock WK (0)

Date: 26/03/2015

Name Of Client:
Element Power Ireland

Name Of Job:
Maighne Wind Farm

Title Of Figure:
Breeding Wader Results
Ballynakill Submap 1 of 5

Scale Used: 1:30,000 @ A3

Figure No.: 7.13.3 Rev A

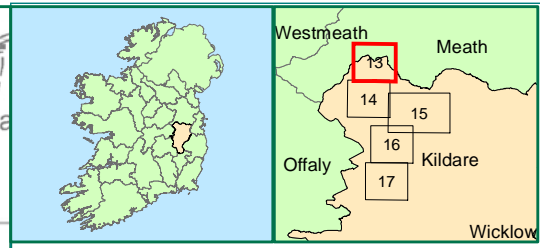
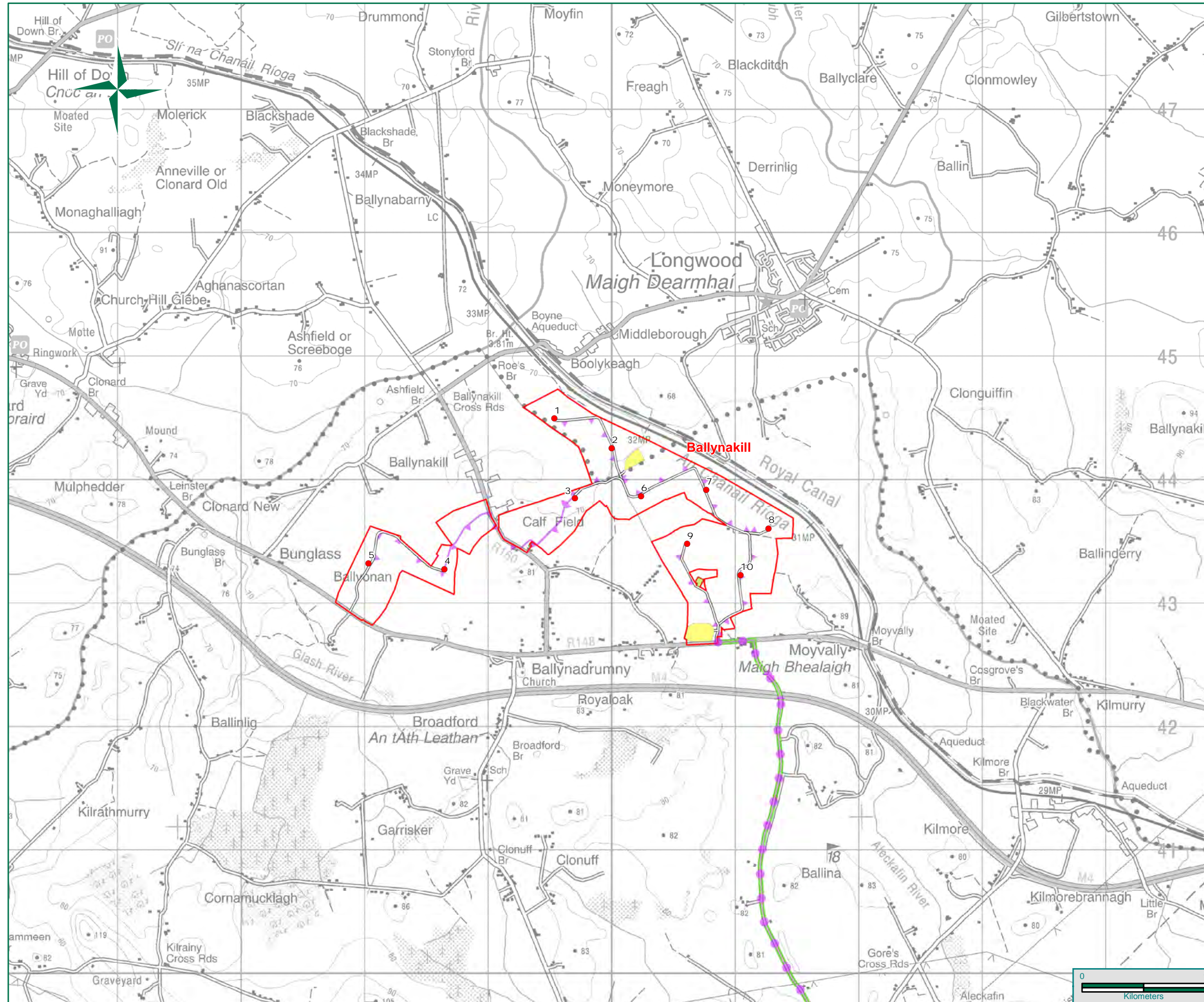
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Legend

- Turbine Locations
- Wind Farm Cluster Boundary
- Proposed Borrow Pit Locations
- Proposed Compound Location
- Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- ▲— MV Cable Route (Internal to Cluster)
- MV Cable Route (External to Cluster)
- Irish Grid Connection Points
- HV Cable Route

Additional Sightings (Number of Observations)

- Mallard (0)
- Raven (0)
- Buzzard (0)
- Snipe (0)
- Hen Harrier (0)
- Sparrowhawk (0)
- Kestrel (0)
- Woodcock (0)

NOTE: This cluster has no merlin transects

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Merlin Transects and Additional Sightings Ballynakill Submap 1 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.13.4	Rev A

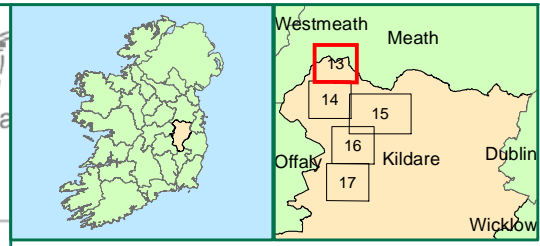
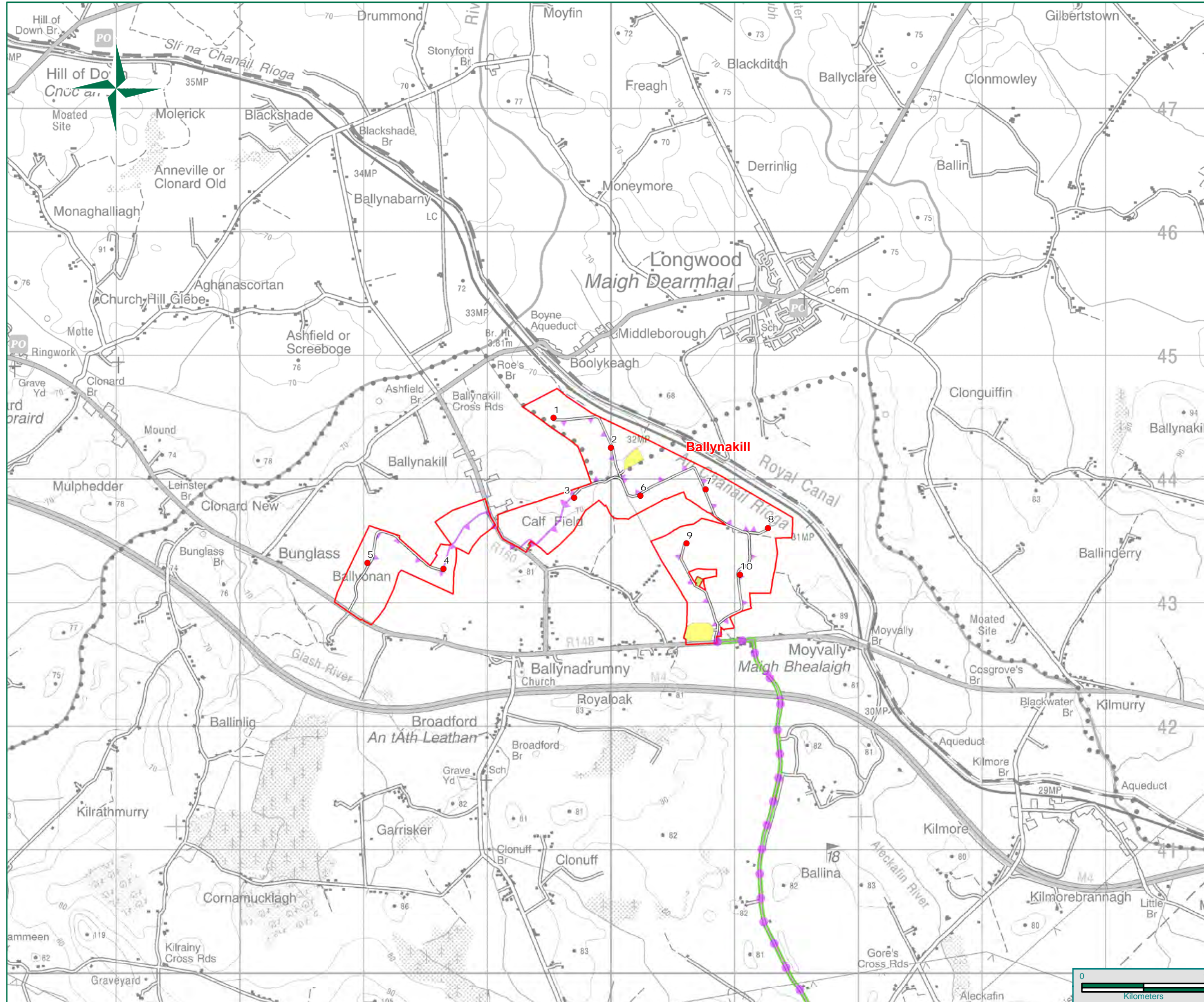
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Legend

- Turbine Location
- Wind Farm Cluster Boundary
- Proposed Substation Location
- Proposed Borrow Pit Location
- Proposed Compound Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (External to Cluster)
- ▲— MV Cable Route (Internal to Cluster)
- Irish Grid Connection Point
- HV Cable Route

Merlin Survey Results (Number of Observations)

- MW: Moth Wing (0)
- P: Pellets (0)
- PI: Plucked Item (0)
- PPI: Pellets + Plucked Item (0)
- W: Whitewash (0)
- O: Other (0)

NOTE: This cluster has no merlin survey squares

Date 26/03/2015

Name Of Client
Element Power Ireland

Name Of Job
Maighne Wind Farm

Title Of Figure
Merlin Results
Ballynakill Submap 1 of 5

Scale Used 1:30,000 @ A3

Figure No. 7.13.5 Rev A

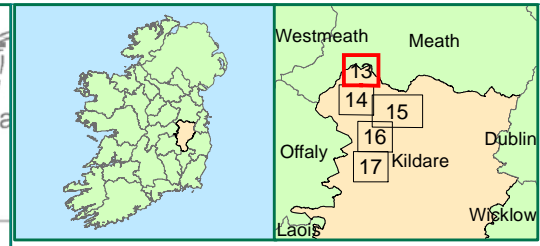
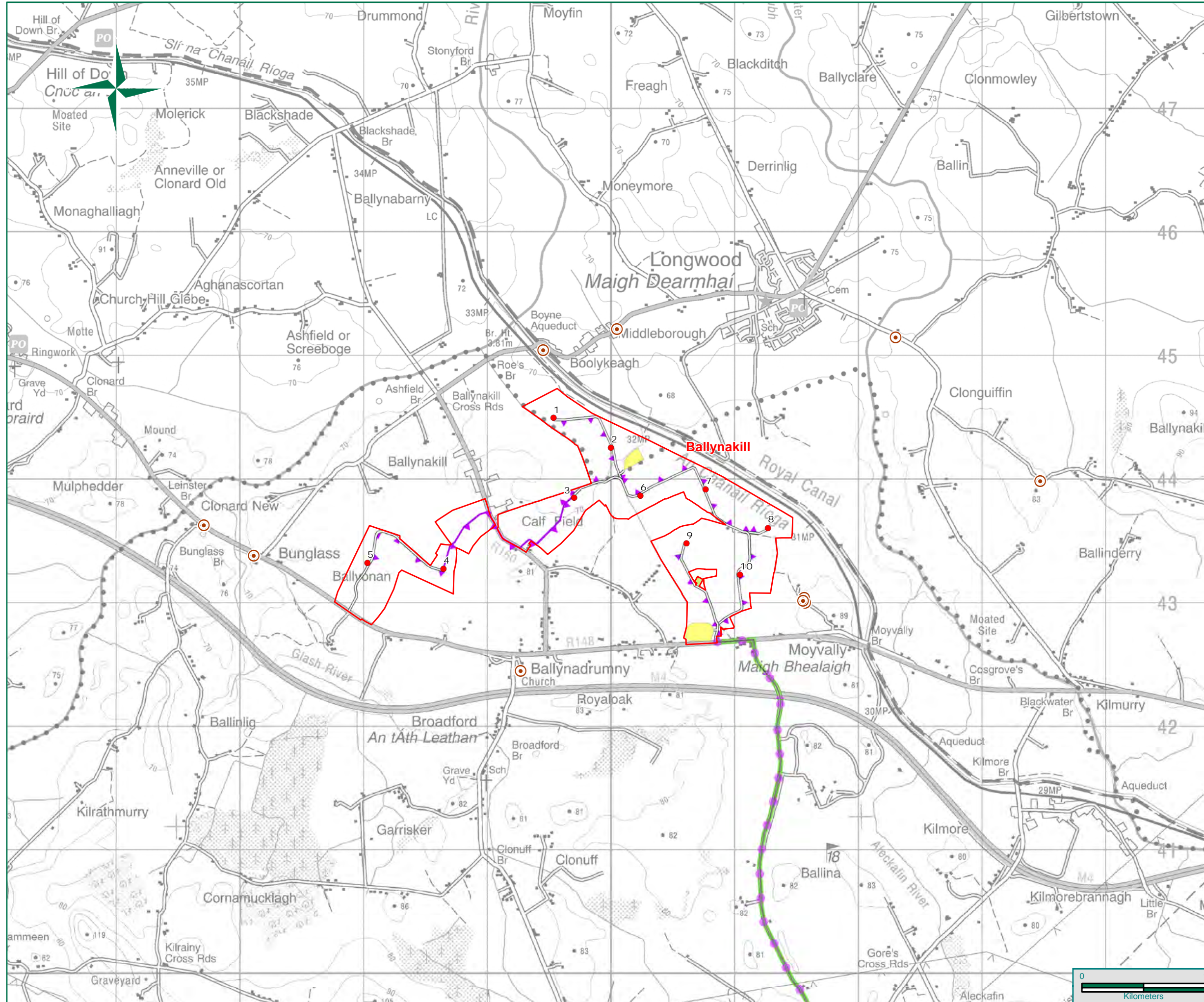
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Legend

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- HV Cable Route

Barn Owl Survey Location (Number of Observations)

- Barn Owl Survey Location (Number of Observations) (10)

Date: 26/03/2015

Name Of Client:
Element Power Ireland

Name Of Job:
Maighne Wind Farm

Title Of Figure:
Barn Owl Results
Ballynakill Submap 1 of 5

Scale Used: 1:30,000 @ A3

Figure No.: 7.13.6 Rev A

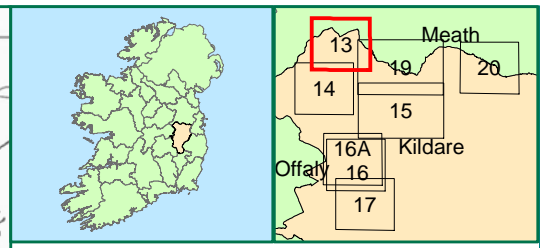
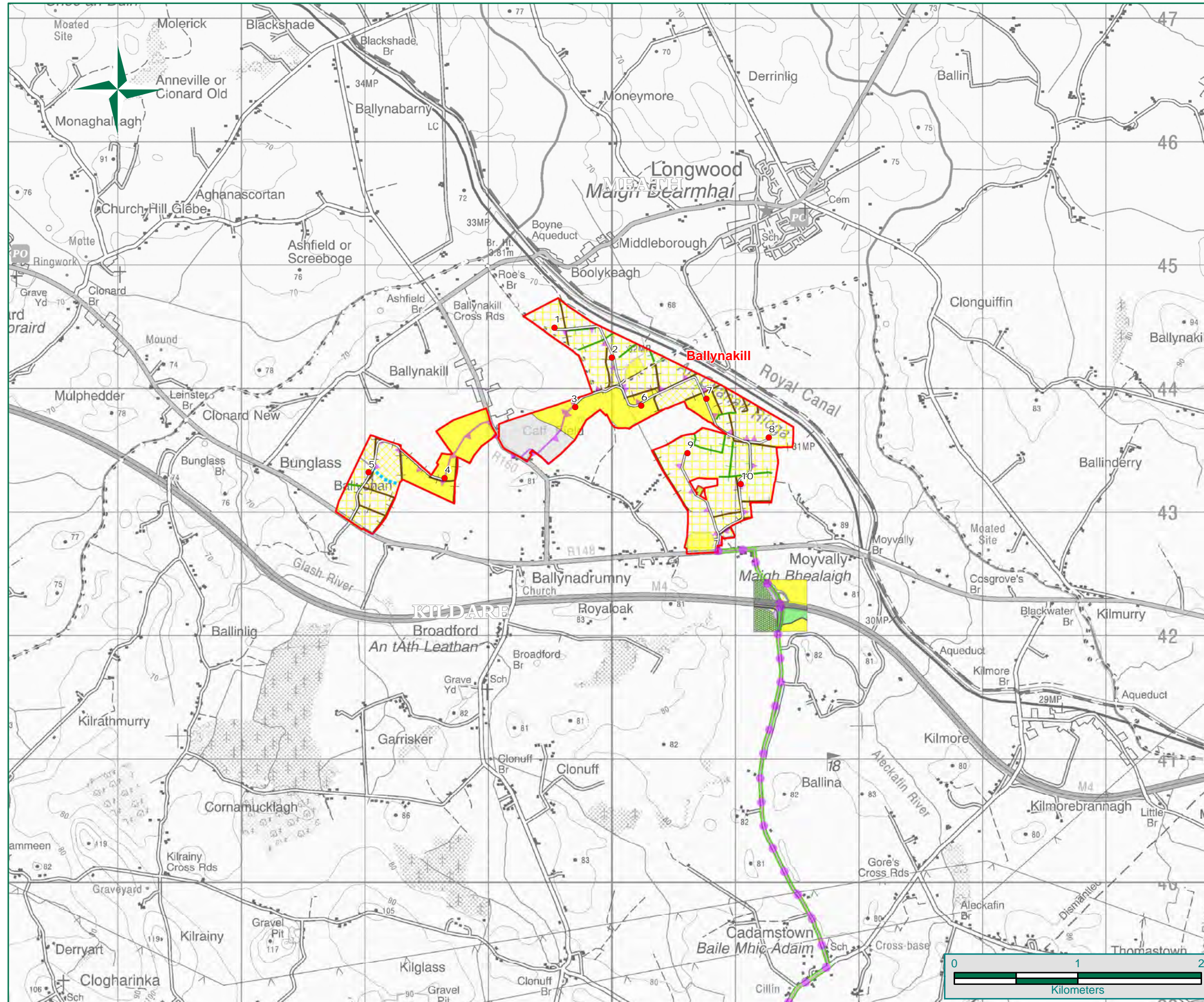
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Legend

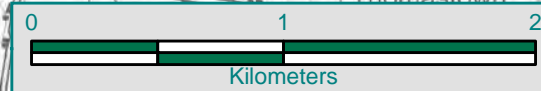
- Turbine Location
- ▭ Wind Farm Cluster Boundary
- ▭ Proposed Compound Location
- ▭ Proposed Borrow Pit Location
- ▭ Proposed Substation Location
- ▲ Proposed Met Mast Location
- Indicative Access Track
- MV Cable Route (Internal to Cluster)
- MV Cable Route (External to Cluster)
- HV Cable Route
- Irish Grid Connection Points

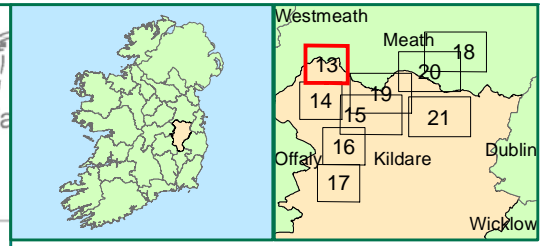
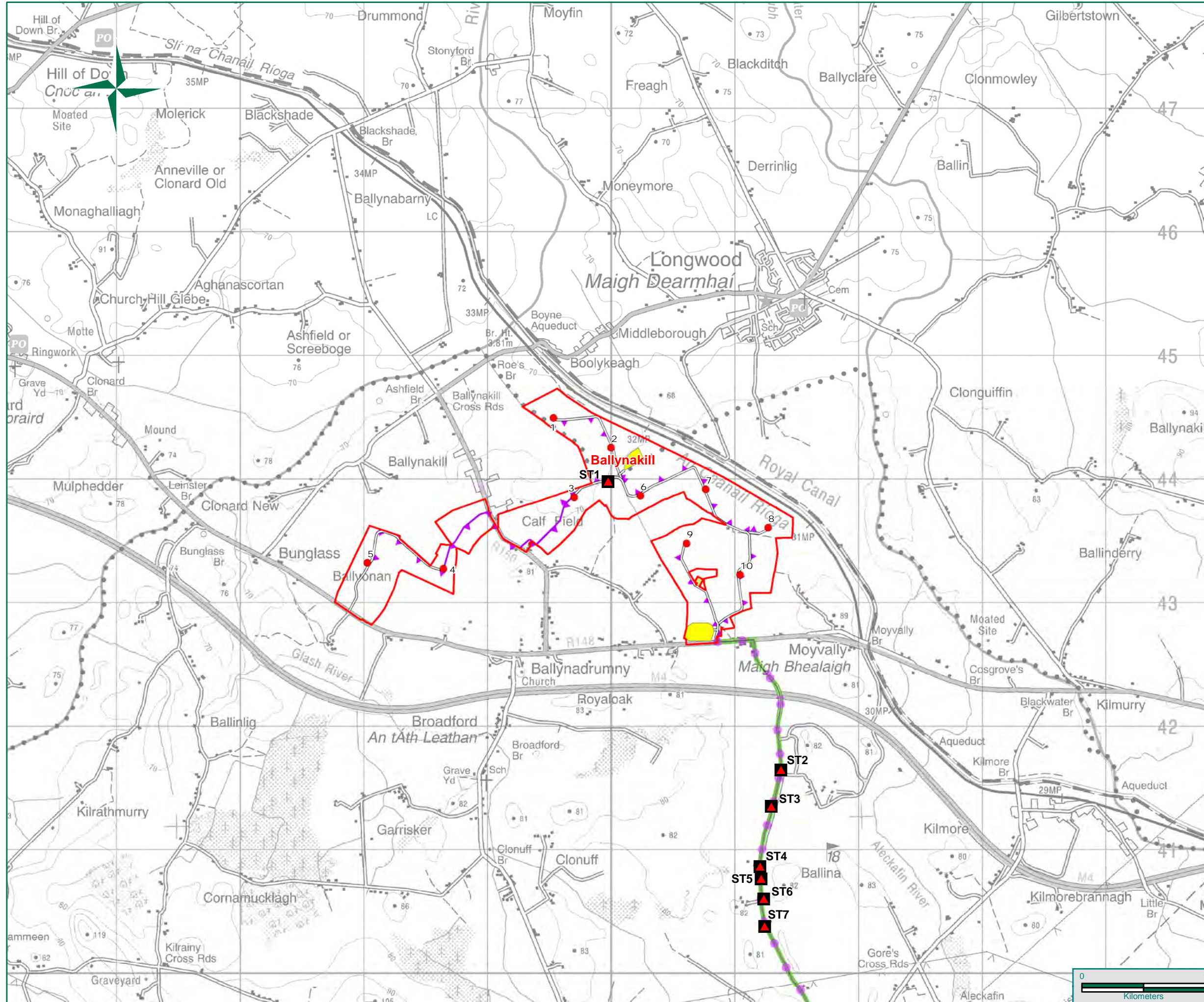
Habitat Survey

- BC1: Arable crops
- BL3: Buildings and artificial surfaces
- GA1/WS1: Mosaic
- GA1: Improved agricultural grassland
- GA2/WS3: Mosaic
- GA2: Amenity grassland (improved)
- GS1: Dry calcareous and neutral grassland
- GS2/WS2: Mosaic
- GS2/WS3: Mosaic
- GS2: Dry meadows and grassy verges
- GS4: Wet grassland
- WN7: Bog woodland
- WS1/WS2: Mosaic
- WS1: Scrub
- FW4: Drainage ditches
- WL1: Hedgerows
- WL2: Treelines

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Habitat Map Ballynakill Submap 1 of 8	
Scale Used	1:30,000 @ A3	
Figure No.	7.13.7	Rev A

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Legend

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Structures

- ▲ No Otter Presence
- ▲ Possible Otter Presence
- ▲ Confirmed Otter Presence

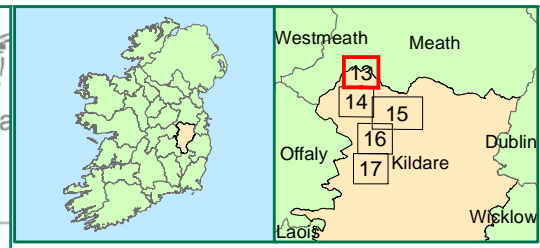
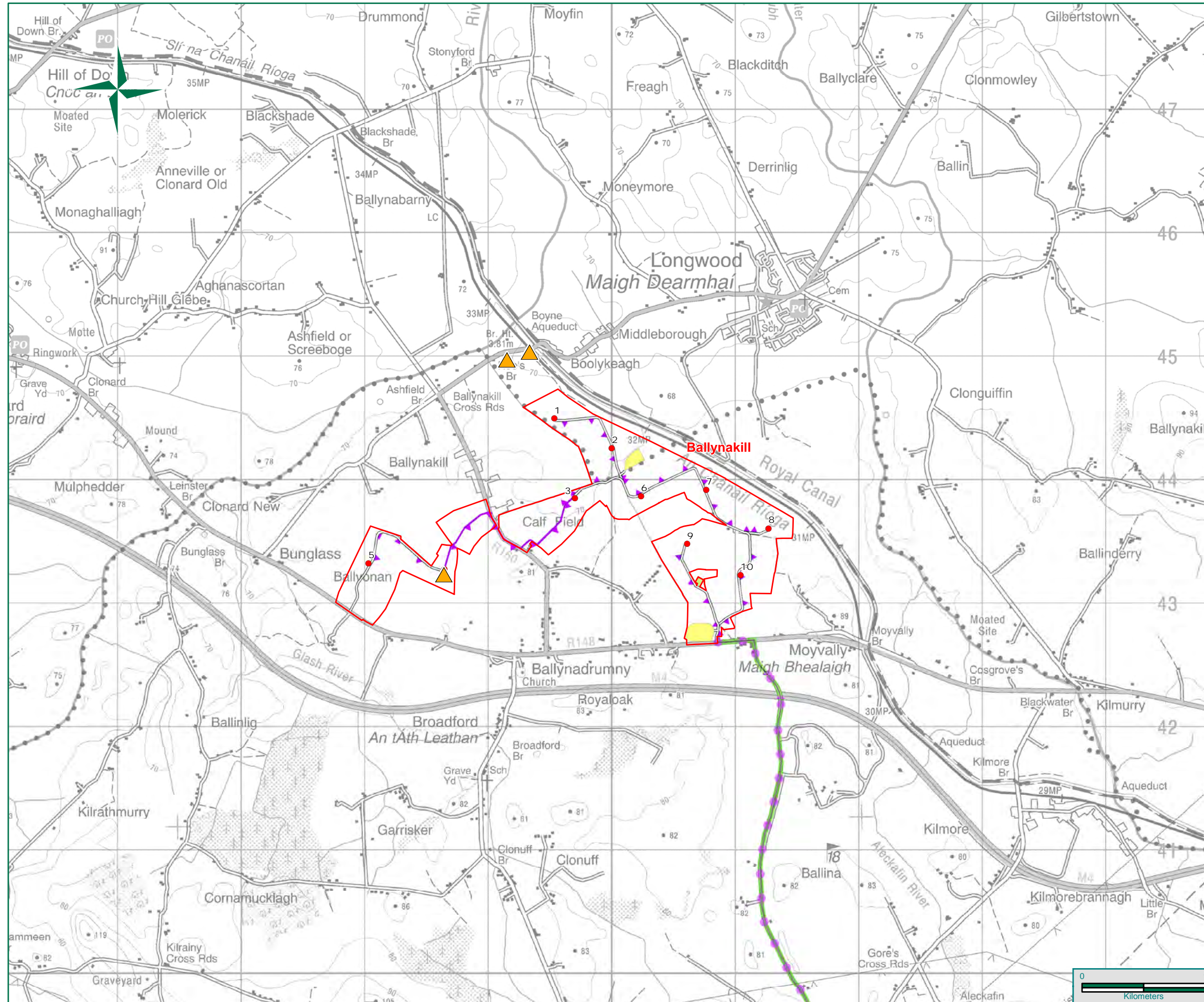
Date	27/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Structures Ballynakill Submap 1 of 9	
Scale Used	1:30,000 @ A3	
Figure No.	7.13.8	Rev A

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Legend

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- HV Cable Route

Mammal Sightings (Number of Observations)

- ▲ Badger (3)
- ▲ Otter (0)

Date	27/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Mammal Sightings Ballynakill Submap 1 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.13.9	Rev A

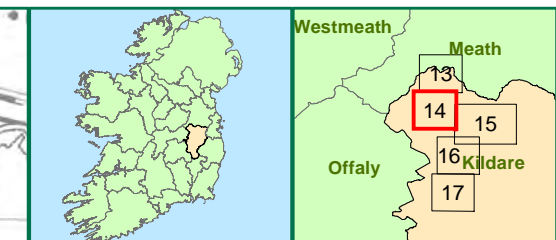
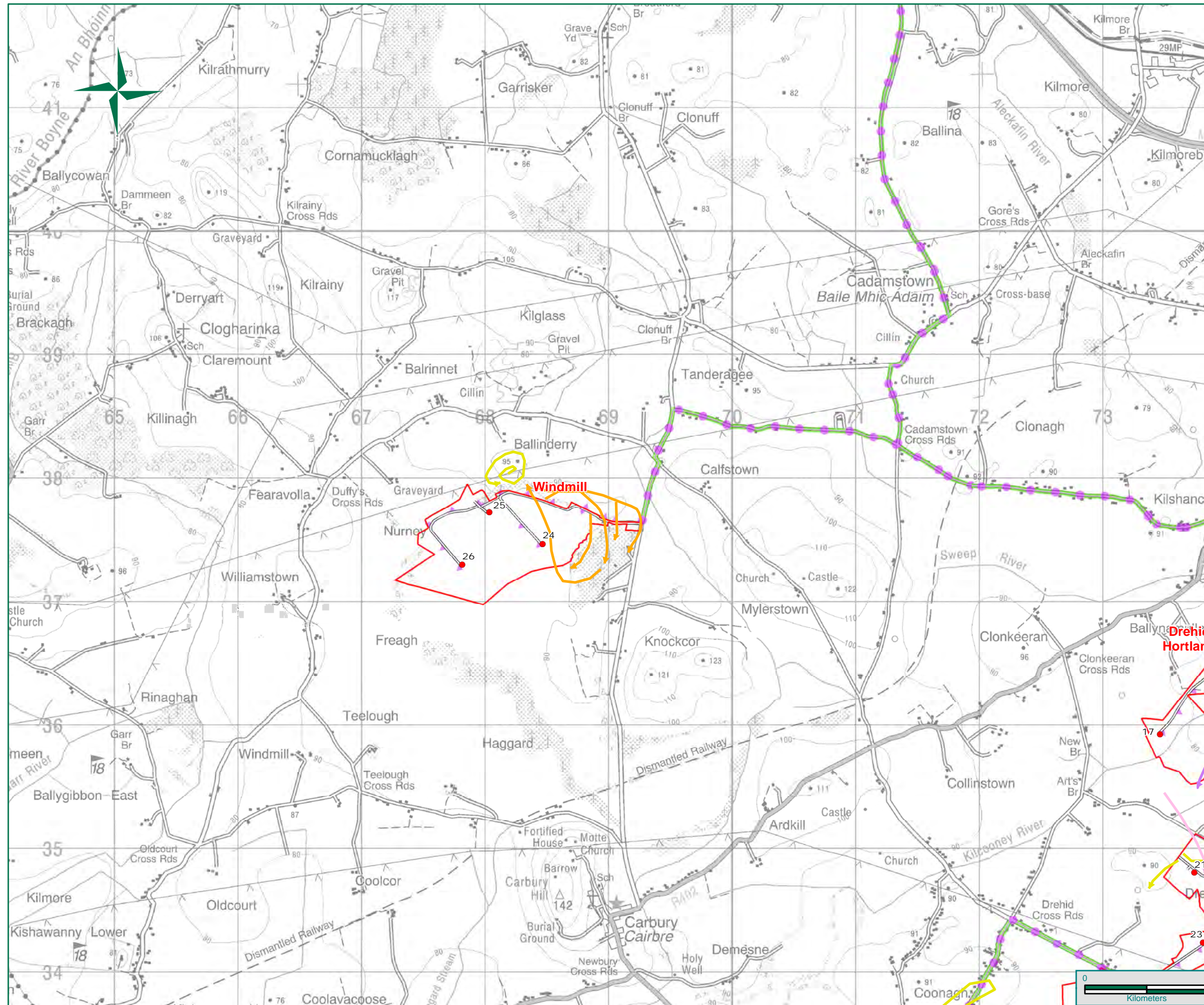
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Legend

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MB&S Flightlines of Note

- Buzzard
- Golden Plover
- Mute Swan
- Whooper Swan

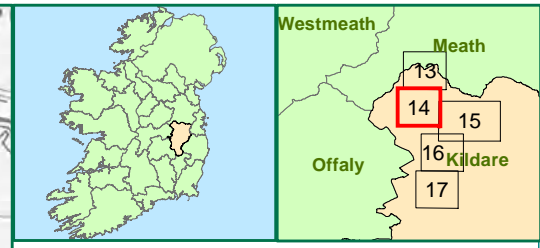
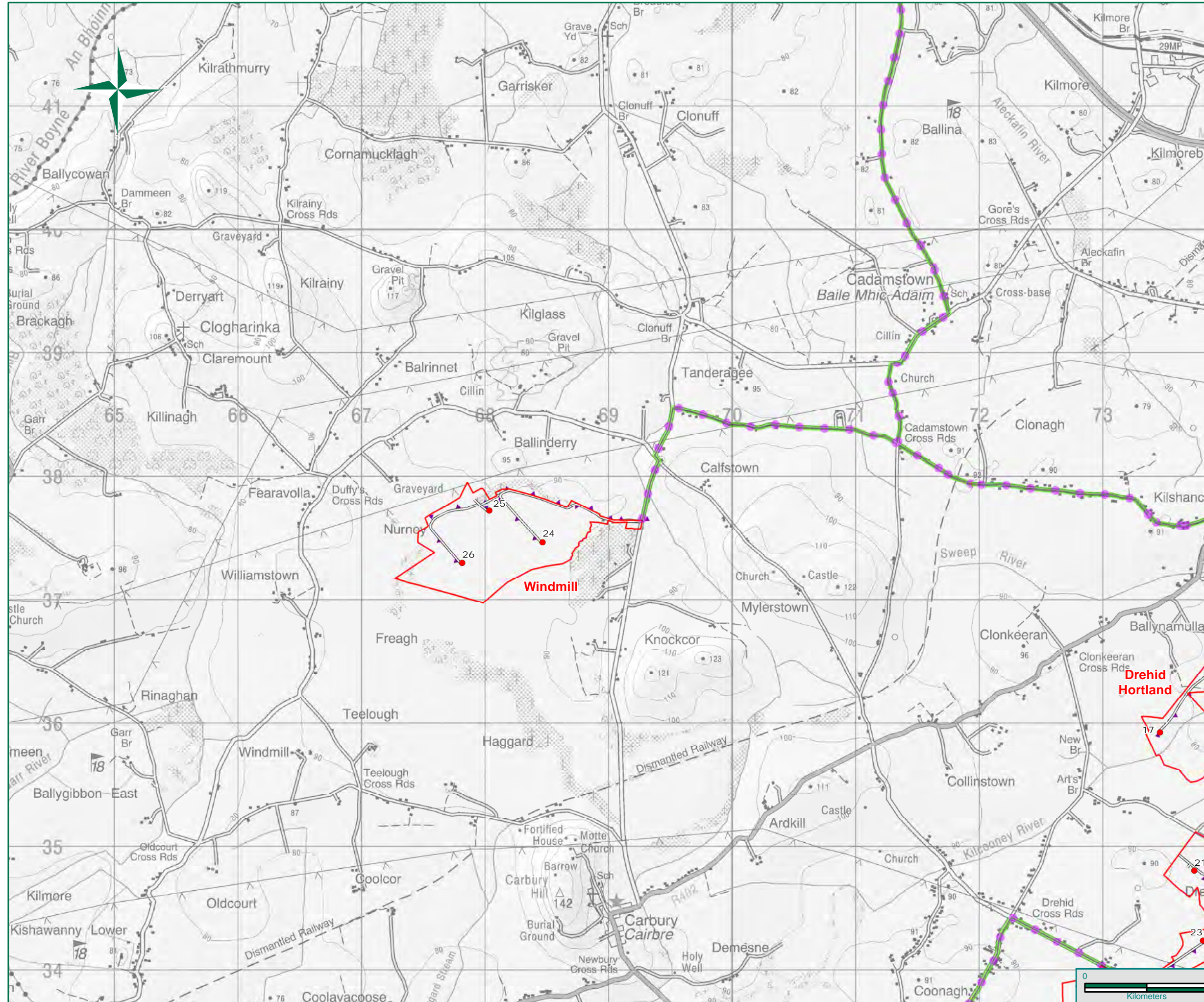
Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Modified Brown and Shepherd (B&S) Flightlines of Note Windmill Submap 2 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.14.0	Rev A

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Legend

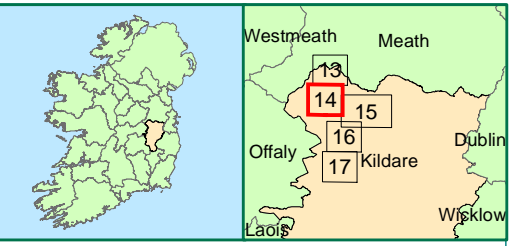
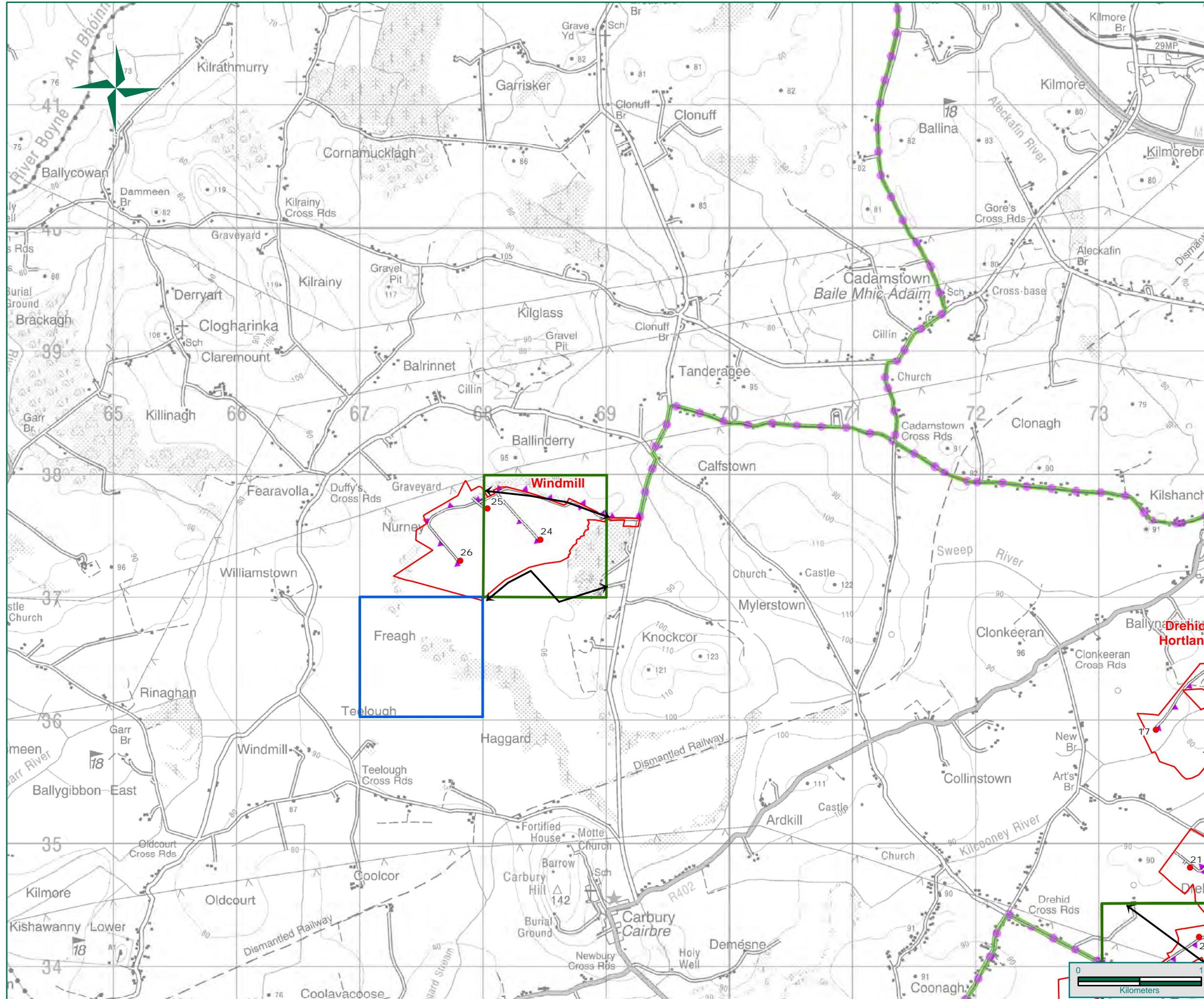
- Turbine Location
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- HV Cable Route
- Irish Grid Connection Point

Whooper Swan Flightline (Number of Observations)

→ (0)

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Whooper Swan Cumulative Flightlines Windmill Submap 2 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.14.1	Rev A

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- ### Legend
- Turbine Location
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 - Proposed Substation Location
 - ▲ Proposed Met Mast Location
 - Indicative Access Track
 - ▲—▲—▲ MV Cable Route (Internal to Clusters)
 - MV Cable Route (External to Clusters)
 - Irish Grid Connection Point
 - HV Cable Route
 - ↔ CBS Transects
 - CBS 1km Survey Square
 - Merlin 1km Survey Square

Date	26/03/2015	
Name Of Client	Element Power Ireland	
Name Of Job	Maighne Wind Farm	
Title Of Figure	Survey Squares Windmill Submap 2 of 5	
Scale Used	1:30,000 @ A3	
Figure No.	7.14.2	Rev A

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