

PROJECT: KNOWES WIND FARM

CLIENT: KNOWES RENEWABLES LLP

FIGURE 3.34

Viewpoint 12 - Crieff

Photo taken in the town on the A85 road.

Scale: 1:20,000

Checked by: AF

Drawn by: AE

Date: 04/04/2014

VIEWPOINT DATA

Grid Reference 286966, 721980

Elevation 105m

Distance to nearest turbine 17.4km

PHOTOGRAPHY

Height above ground 1.5m

Camera Canon EOS 5D

Focal length 50mm

Photography date 10/03/2014

Photography time 14:00

PREDICTED TURBINE VISIBILITY

Number of turbine tips visible 24

Number of turbine hubs visible 8

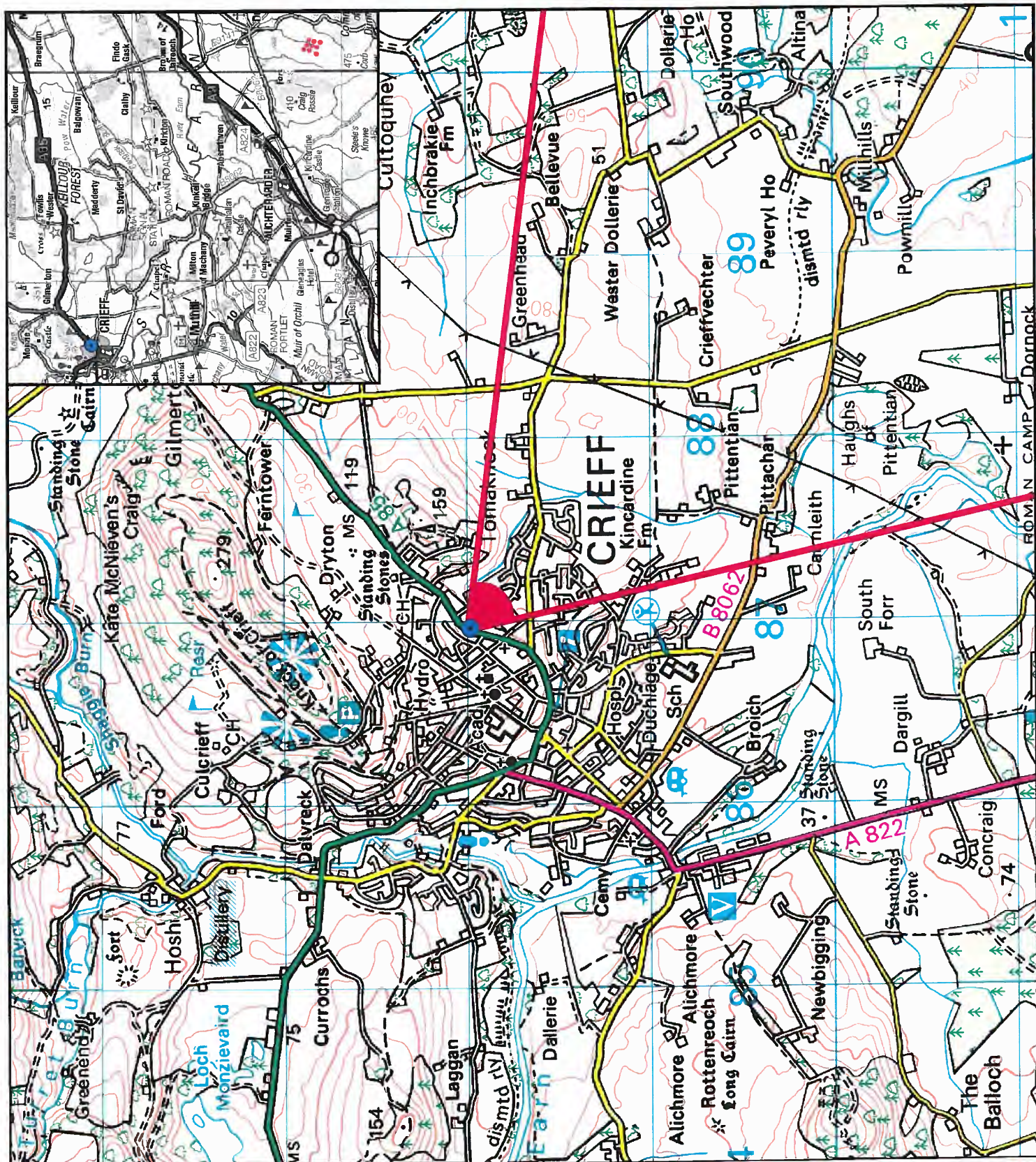
0 0.25 0.5 1 1.5

Kilometers

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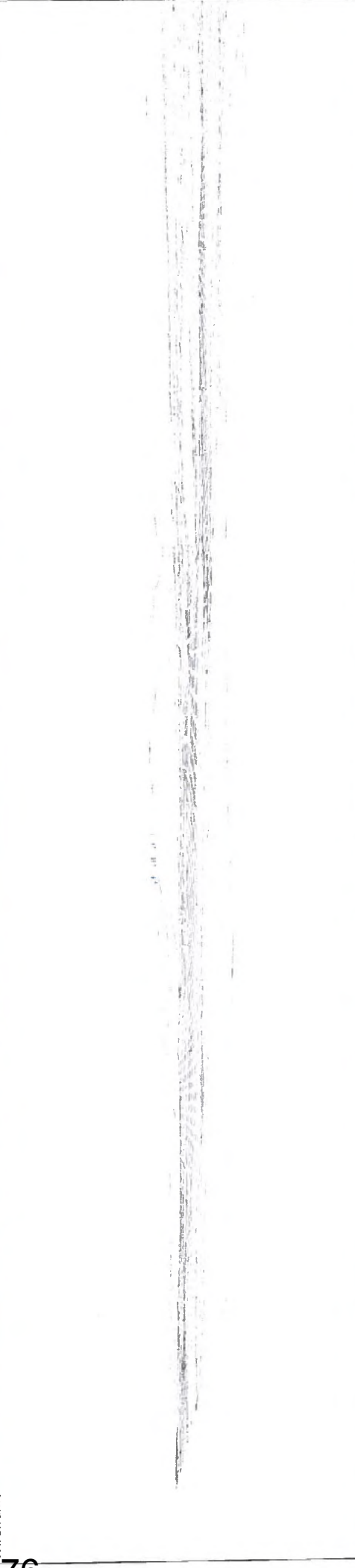


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Wireframe



VIEWPOINT 12b

Recommended viewing distance when viewed with both eyes: 330mm

IMPORTANT VIEWING INSTRUCTIONS

The following photomontages are composite images made up of multiple 50mm photographs joined together horizontally to form an overall field of view which may be wider than that seen in detail by the human eye. For correct perspective viewing, the following images must be viewed at their recommended viewing distance. This image should only be assessed in the real landscape from the same viewpoint.

Horizontal View Angle: 70°



Cumulative Wireframe

Locheilbank

Knowes

Green Knowes



VIEWPOINT 12c

Recommended viewing distance when viewed with both eyes: 330mm

IMPORTANT VIEWING INSTRUCTIONS

The following photomontages are composite images made up of multiple 50mm photographs joined together horizontally to form an overall field of view which may be wider than that seen in detail by the human eye. For correct perspective viewing, the following images must be viewed at their recommended viewing distance. This image should only be assessed in the real landscape from the same viewpoint.

Horizontal View Angle: 70°

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FIGURE 3.35

Viewpoint 13 - Innerdouny Hill

Photo taken from the summit of the hill.

Scale: 1:20,000
Drawn by: AE
Checked by: AF
Date: 04/04/2014

VIEWPOINT DATA

Grid Reference 303222, 707316
Elevation 497m
Distance to nearest turbine 4.1km

PHOTOGRAPHY

Height above ground 1.5m
Camera Canon EOS 5D
Focal length 50mm
Photography date 12/03/2014
Photography time 12:15

PREDICTED TURBINE VISIBILITY

Number of turbine tips visible 24
Number of turbine hubs visible 9

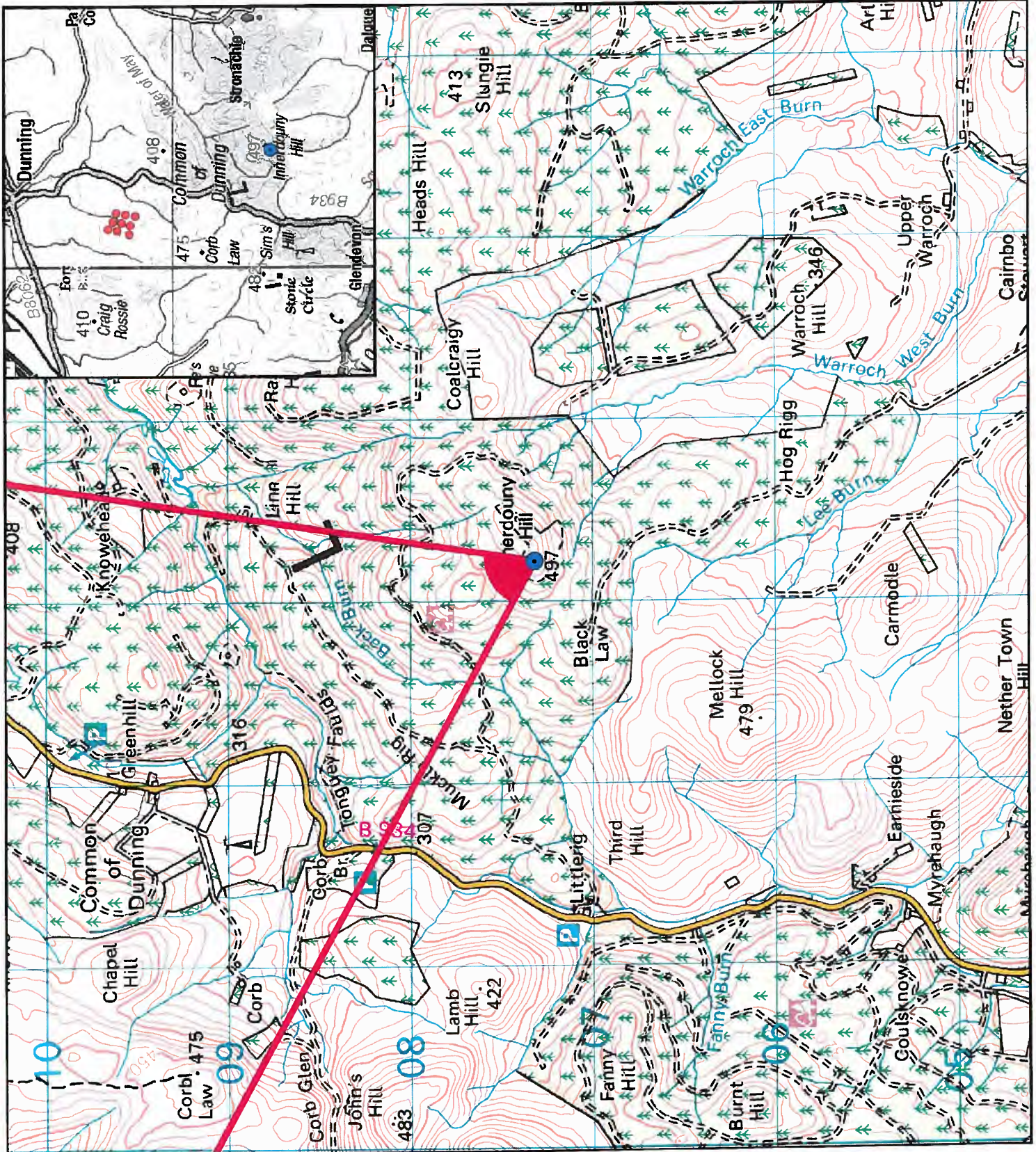


North

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VIEWPOINT 13: Innerdouny Hill

Photograph



VIEWPOINT 13a

Recommended viewing distance when viewed with both eyes: 330mm

IMPORTANT VIEWING INSTRUCTIONS

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Horizontal View Angle: 70°



1780



VIEWPOINT 13b

Recommended viewing distance when viewed with both eyes: 330mm

IMPORTANT VIEWING INSTRUCTIONS

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Horizontal View Angle: 70°

180° WIREFRAMES ILLUSTRATING CUMULATIVE CONTEXT

Wireframe

Knowes

Cumulative Wireframe

Burnfoot Hill
Burnfoot Hill Extension
Rhodders
Green Knowes

Knowes

VIEWPOINT 13c

Recommended viewing distance when viewed with both eyes: 130mm

Horizontal View Angle: 180°

IMPORTANT VIEWING INSTRUCTIONS

The following photomontages are composite images made up of multiple 50mm photographs joined together horizontally to form an overall field of view which may be wider than that seen in detail by the human eye. For correct perspective viewing, the following images must be viewed at their recommended viewing distance. This image should only be assessed in the real landscape from the same viewpoint.

Viewpoint 14 - Scone Palace

Photo taken in the gardens to the southeast of the palace.

Scale: 1:20,000
Checked by: AF
Drawn by: AE
Date: 04/04/2014

VIEWPOINT DATA

Grid Reference 311422, 726491

Elevation 21m

Distance to nearest turbine 18.0km

PHOTOGRAPHY

Height above ground

Camera

Focal length

Photography date 10/03/2014

Photography time 11:00

PREDICTED TURBINE VISIBILITY

Number of turbine tips visible

Number of turbine hubs visible 2

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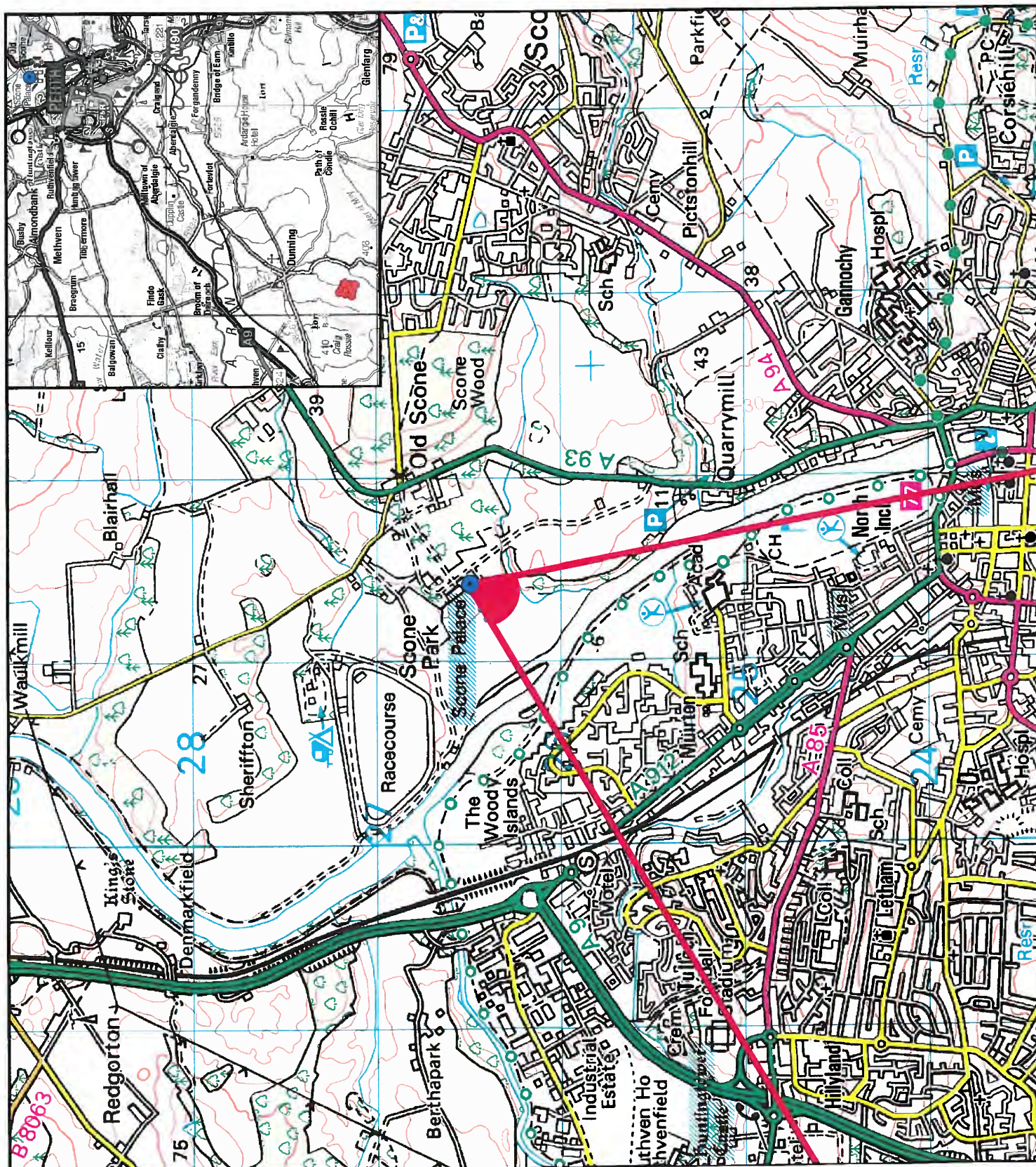


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VIEWPOINT 14: Scone Palace

Photograph



VIEWPOINT 14a

Recommended viewing distance when viewed with both eyes: 330mm

IMPORTANT VIEWING INSTRUCTIONS

The following photomontages are composite images made up of multiple 50mm photographs joined together horizontally to form an overall field of view which may be wider than that seen in detail by the human eye. For correct perspective viewing, the following images must be viewed at their recommended viewing distance. This image should only be assessed in the real landscape from the same viewpoint.

Horizontal View Angle: 70°

Photomontage



Wireframe

Knowes



VIEWPOINT 14b

Recommended viewing distance when viewed with both eyes: 330mm

IMPORTANT VIEWING INSTRUCTIONS

The following photomontages are composite images made up of multiple 50mm photographs joined together horizontally to form an overall field of view which may be wider than that seen in detail by the human eye. For correct perspective viewing, the following images must be viewed at their recommended viewing distance. This image should only be assessed in the real landscape from the same viewpoint.

Horizontal View Angle: 70°

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FIGURE 5.1

10 x Rotor diameter separation from
houses (520m)

Scale: 1:7,500
Drawn by: DT
Checked by: AF
Date: 02/05/2014

- Key:**
- Knowes Turbines
 - Houses
 - 10x rotor diameter buffer

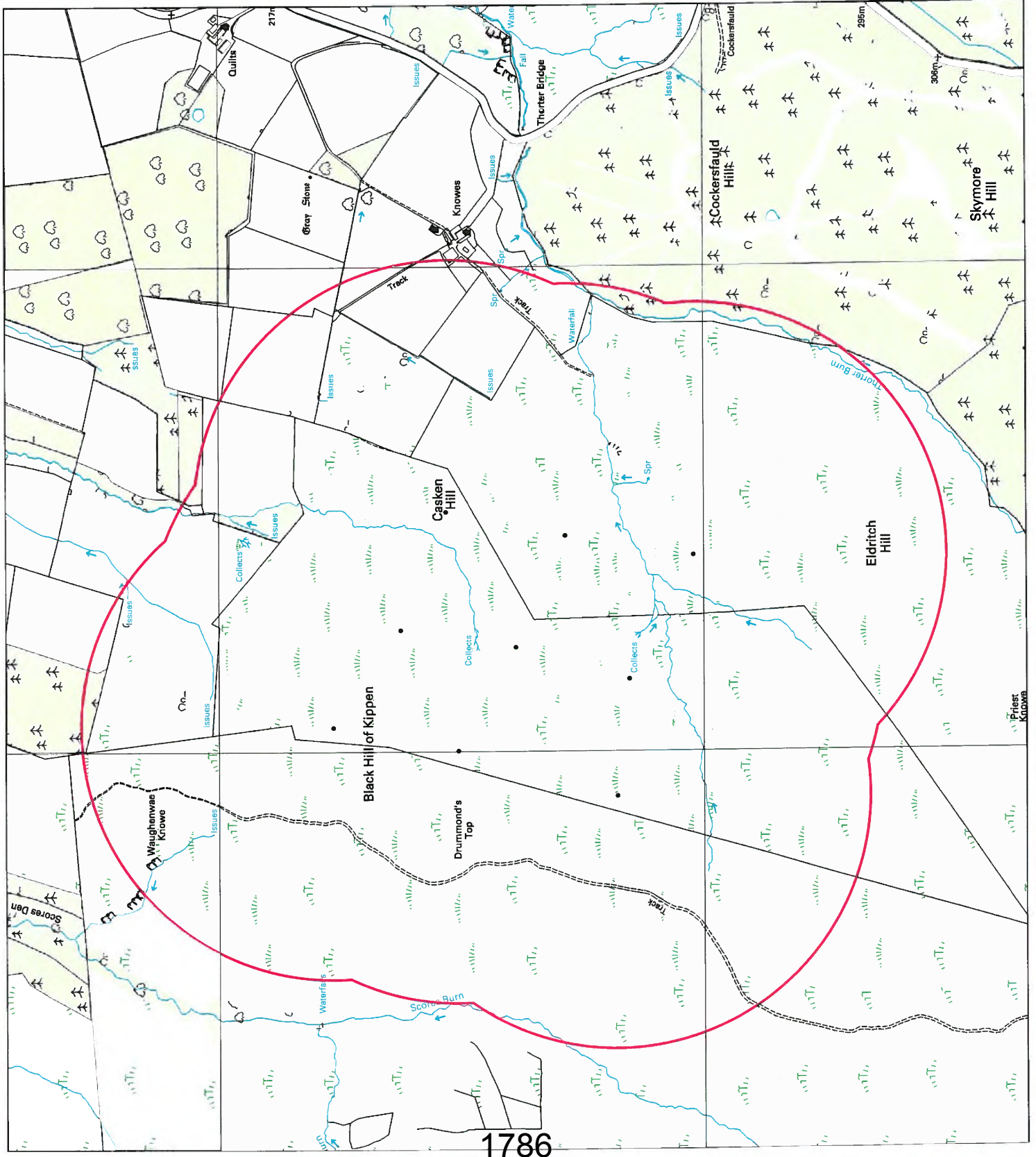
Meters
0 45 90 180 270 360 450

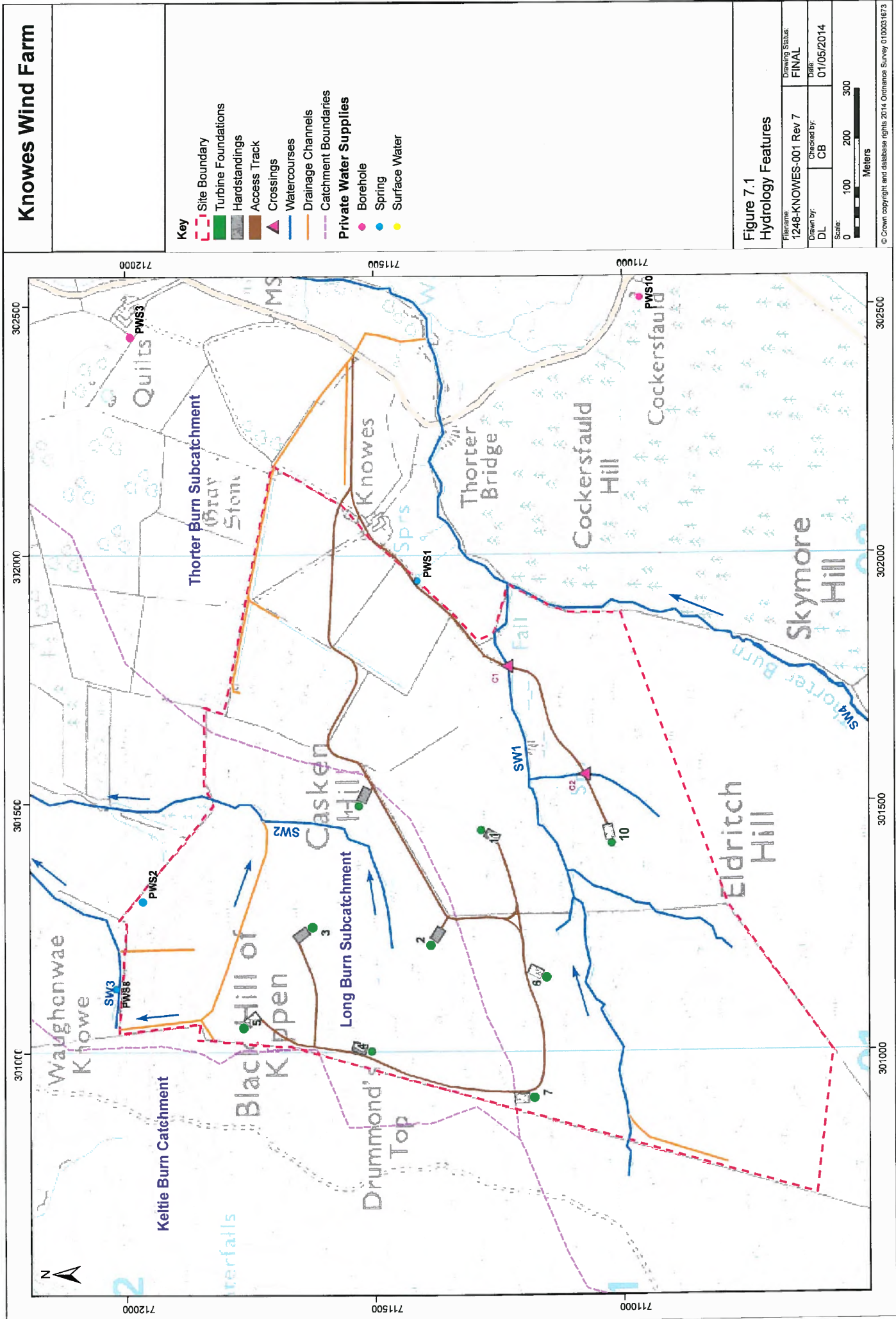


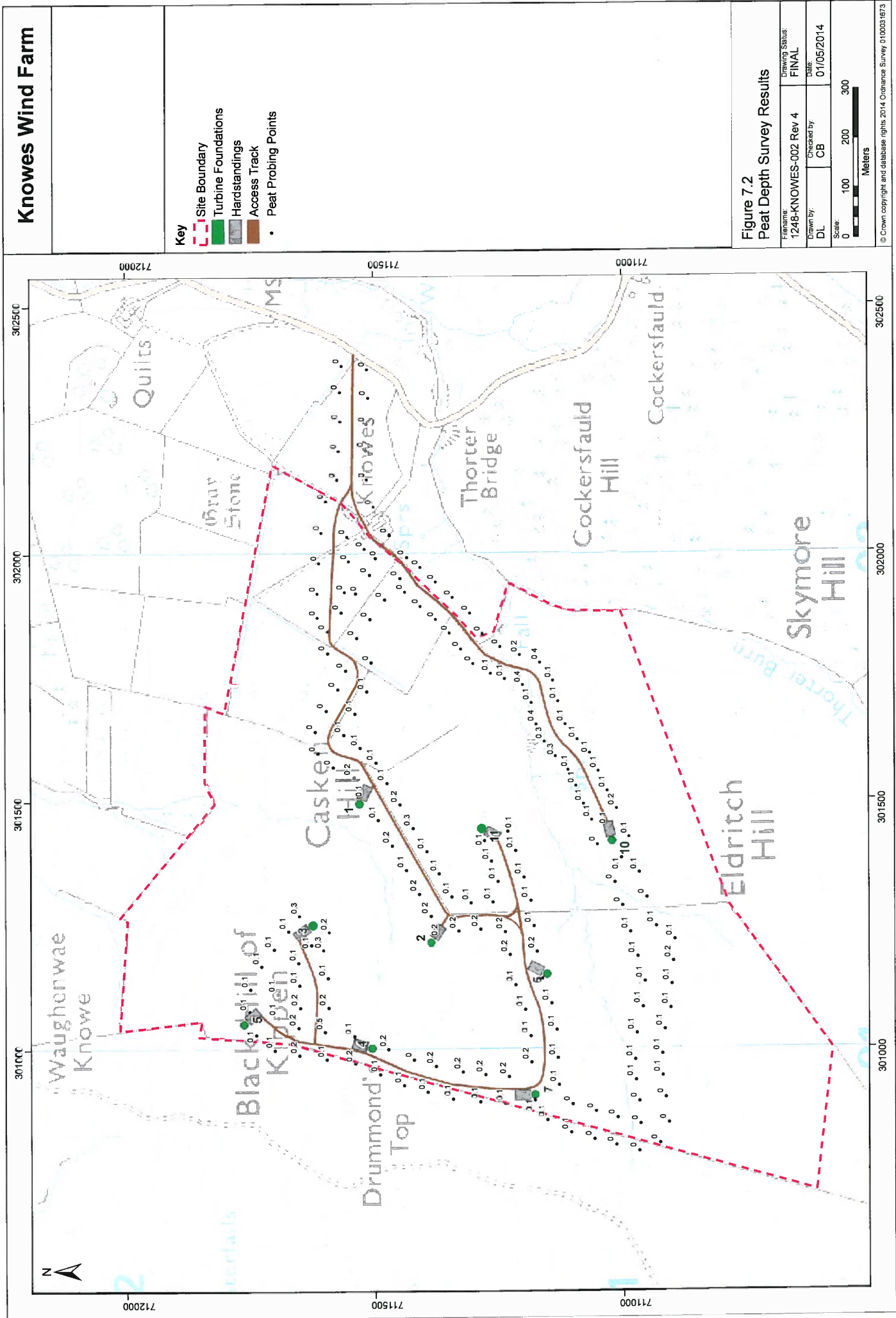
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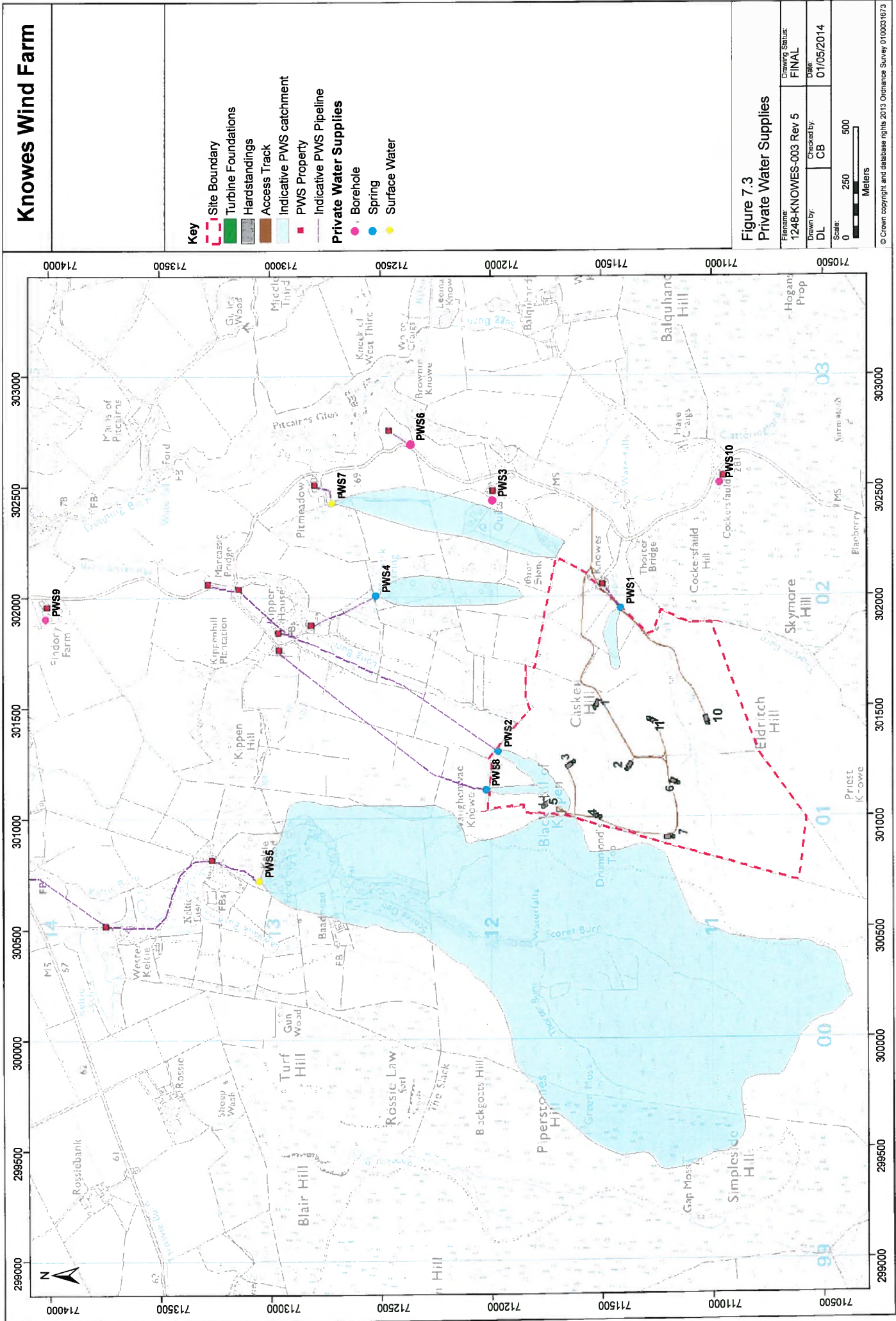


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FIGURE 8.1

Scope of cultural heritage
assessment

Scale: 1:75,000
Drawn by: DT
Checked by: AF
Date: 04/04/2014

Key:

•



Meters

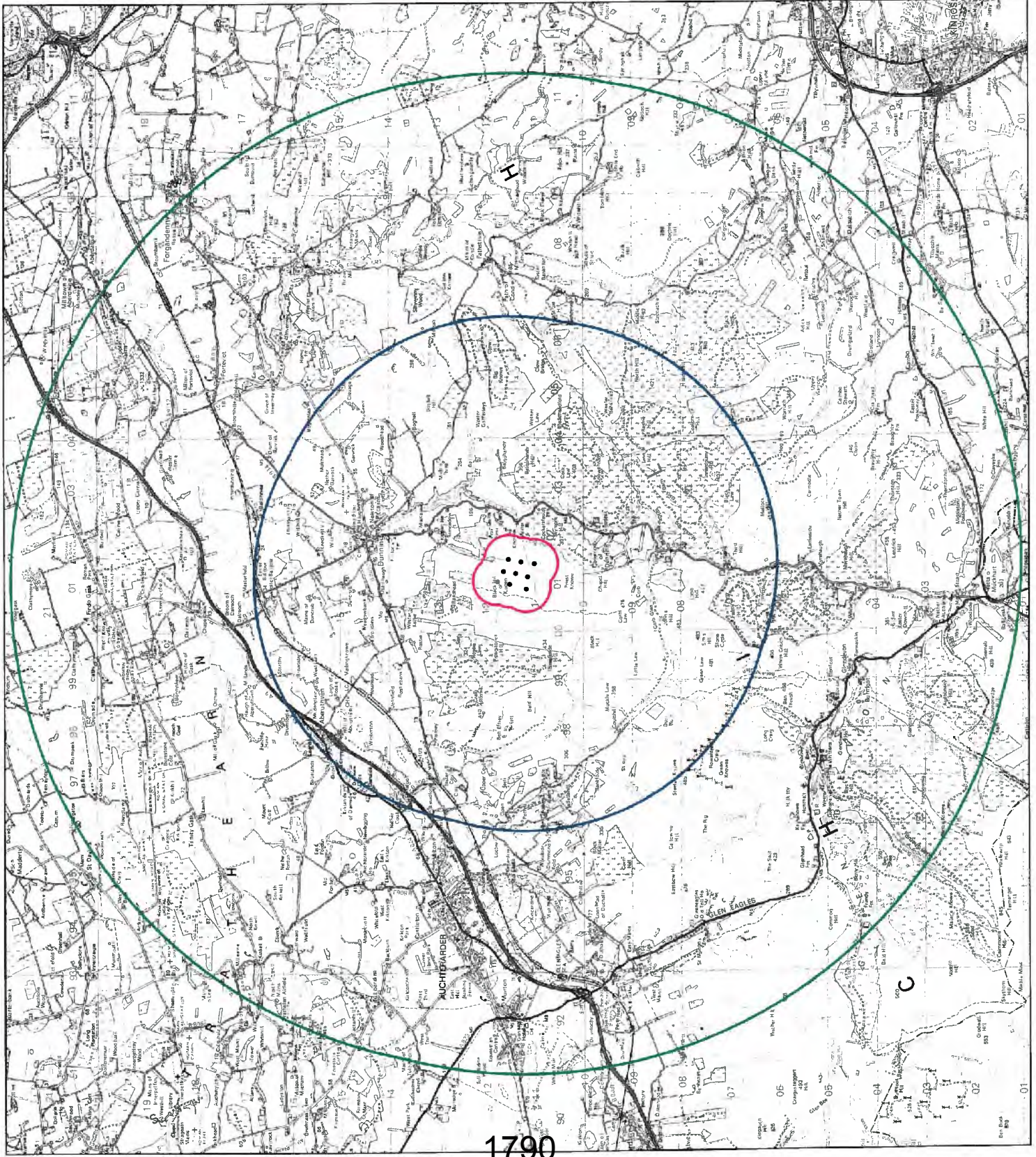
0437 875 1,750 2,625 3,500 4,375



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FIGURE 8.2

Cultural heritage features within
Area A (500m)

Scale: 1:7,500 Checked by: AF
Drawn by: DT Date: 04/04/2014

Key:

- Knowes turbines
- Turbine foundations
- Hardstanding
- Land ownership boundary
- Area A (500m)
- Access Track
- Historic Environment records
- Canmore records

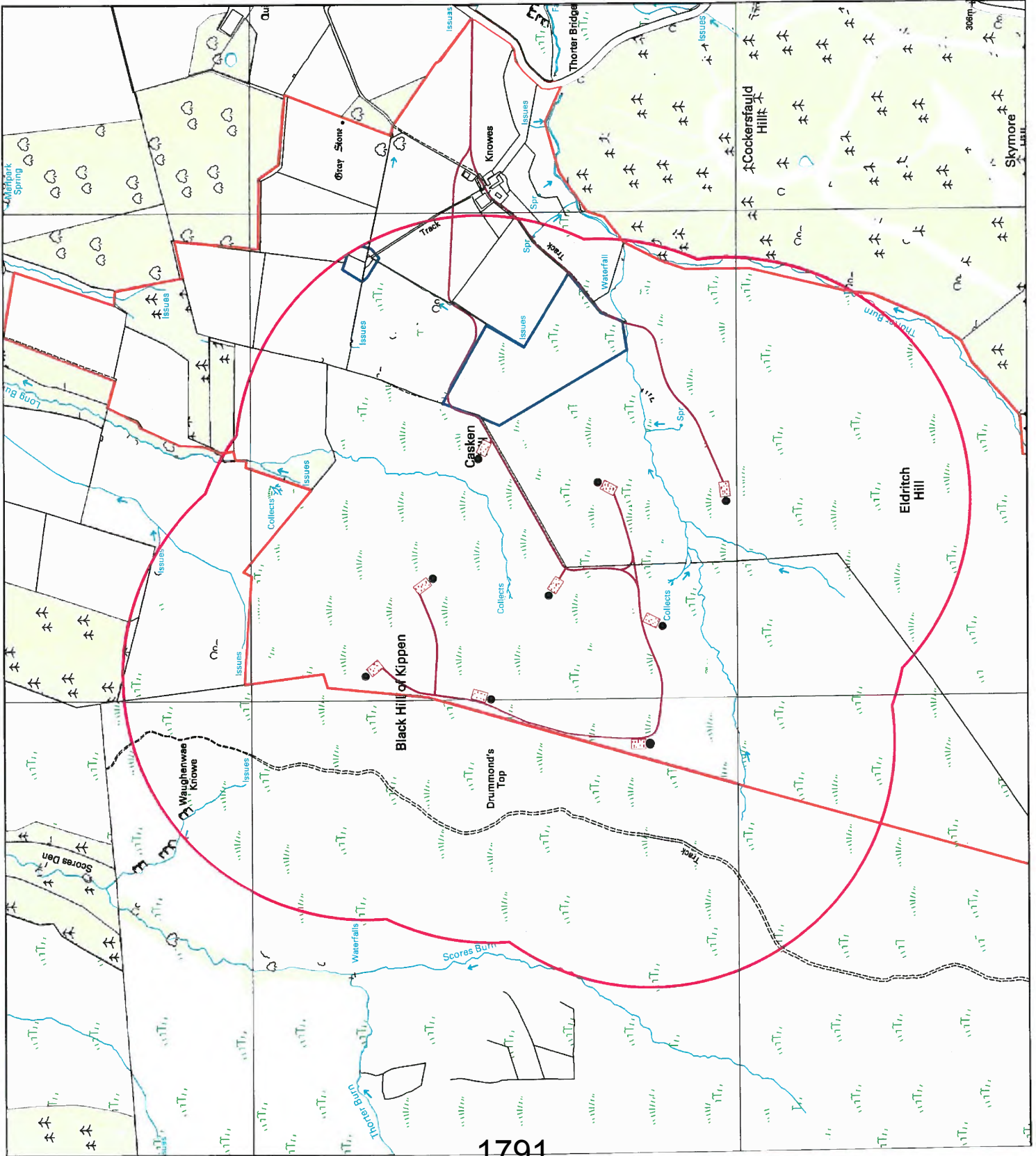
Meters
0 45 90 180 270 360 450



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FIGURE 8.3

Cultural heritage features within Area
B (5km)

Scale: 1:40,000 Checked by: AF
Drawn by: DT Date: 04/04/2014

Key:

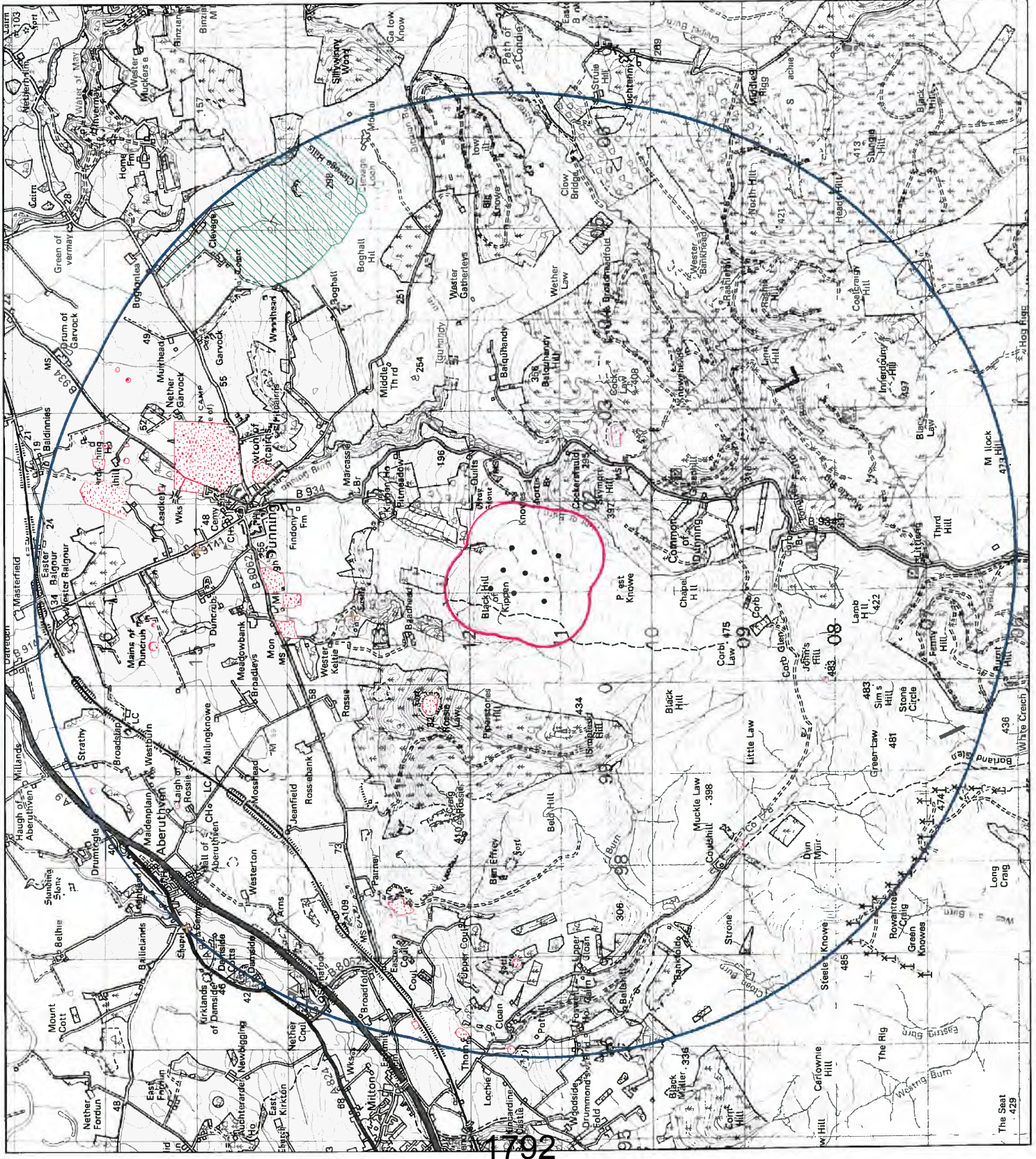
- Knowes turbines
- Area A (500m)
- Area B (5km)
- Gardens and Designed Landscapes
- Scheduled Monuments
- Category A listed buildings

Kilometers
0 0.250.5 1 1.5 2 2.5

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FIGURE 8.4

Cultural heritage features within Area
C (10km)

Scale: 1:80,000 Checked by: AF
Drawn by: DT Date: 04/04/2014

Key:

- Knowes turbines

Area A (500m)

Area B (5km)

Area C (10km)

Scheduled Monuments

Gardens and Designed Landscapes

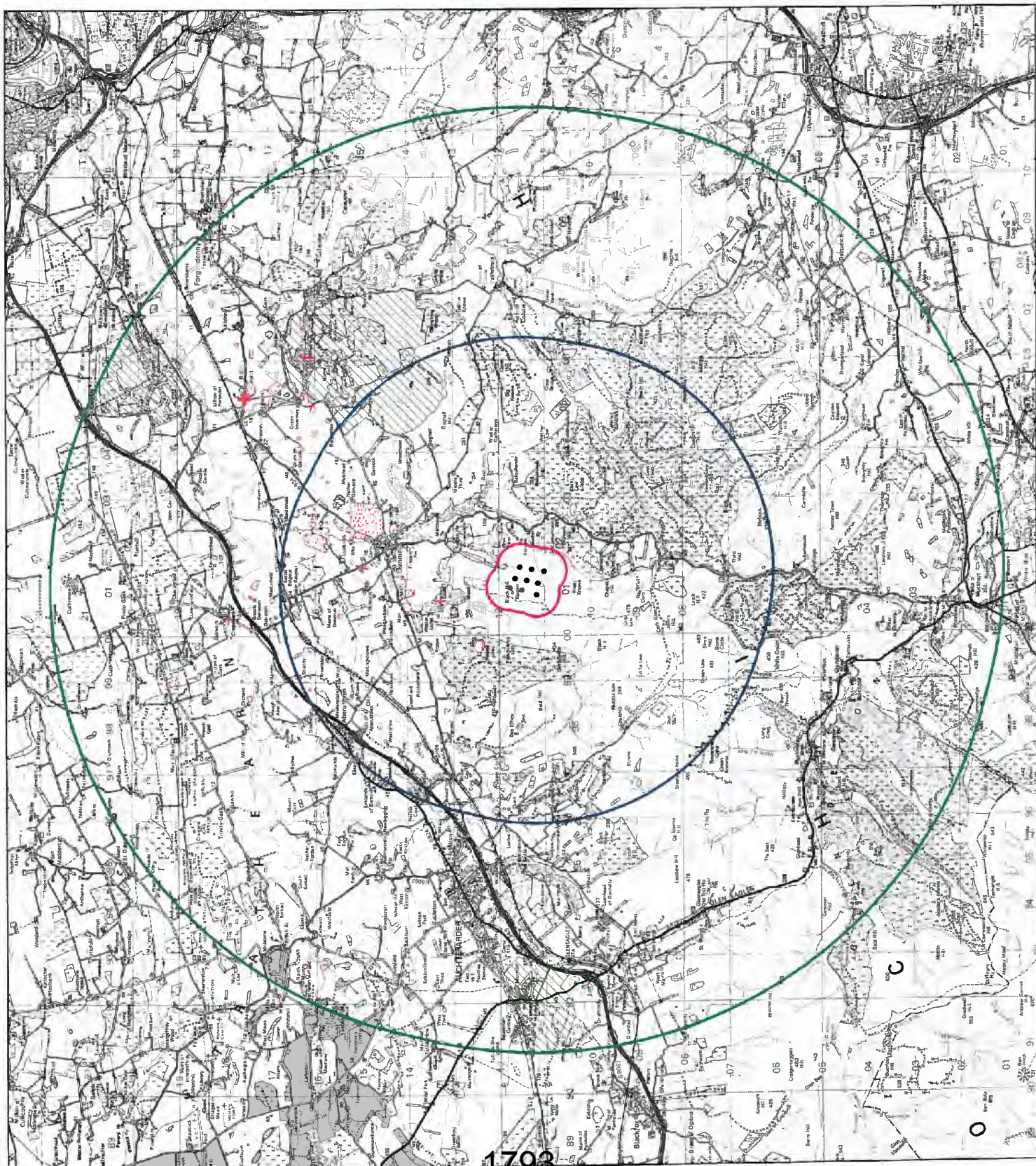
Category A listed buildings

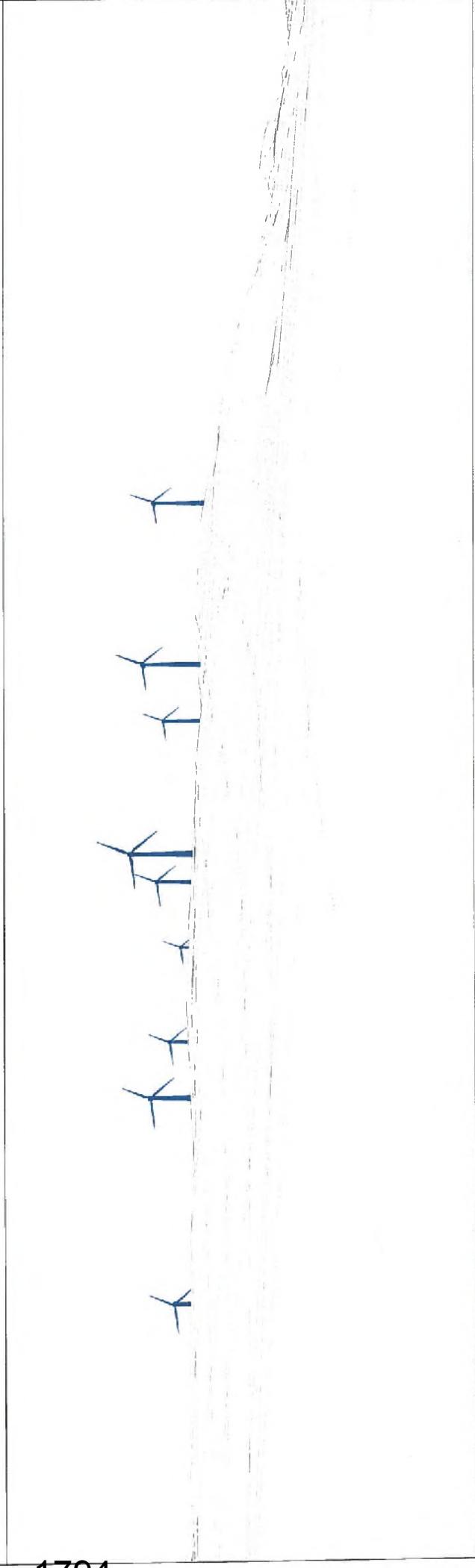
Kilometers
0 0.5 1 2 3 4 5

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Horizontal View Angle: 80°

FIGURE 8.5 Gray Stone standing stone

Recommended viewing distance when viewed with both eyes: 290mm



This image was taken from Google Earth. © 2014 Getmapping plc.

FIGURE 8.6 Keltie Castle

Recommended viewing distance when viewed with both eyes: 190mm

Horizontal View Angle: 120°



FIGURE 8.6 Keltie Castle

Recommended viewing distance when viewed with both eyes: 190mm

Horizontal View Angle: 120°