

# Southampton to London Pipeline Project

## **Scoping Report** **Volume 2: Appendices Figures**

PINS Reference Number EN070005  
July 2018



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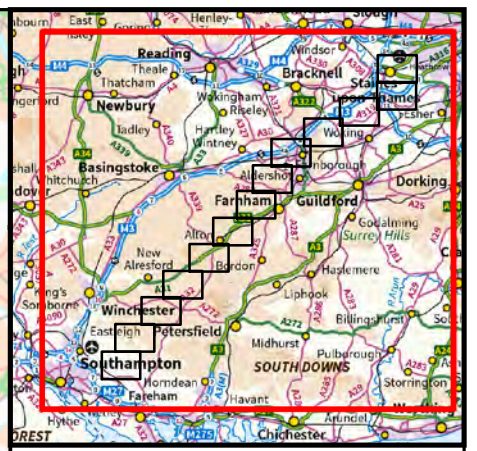
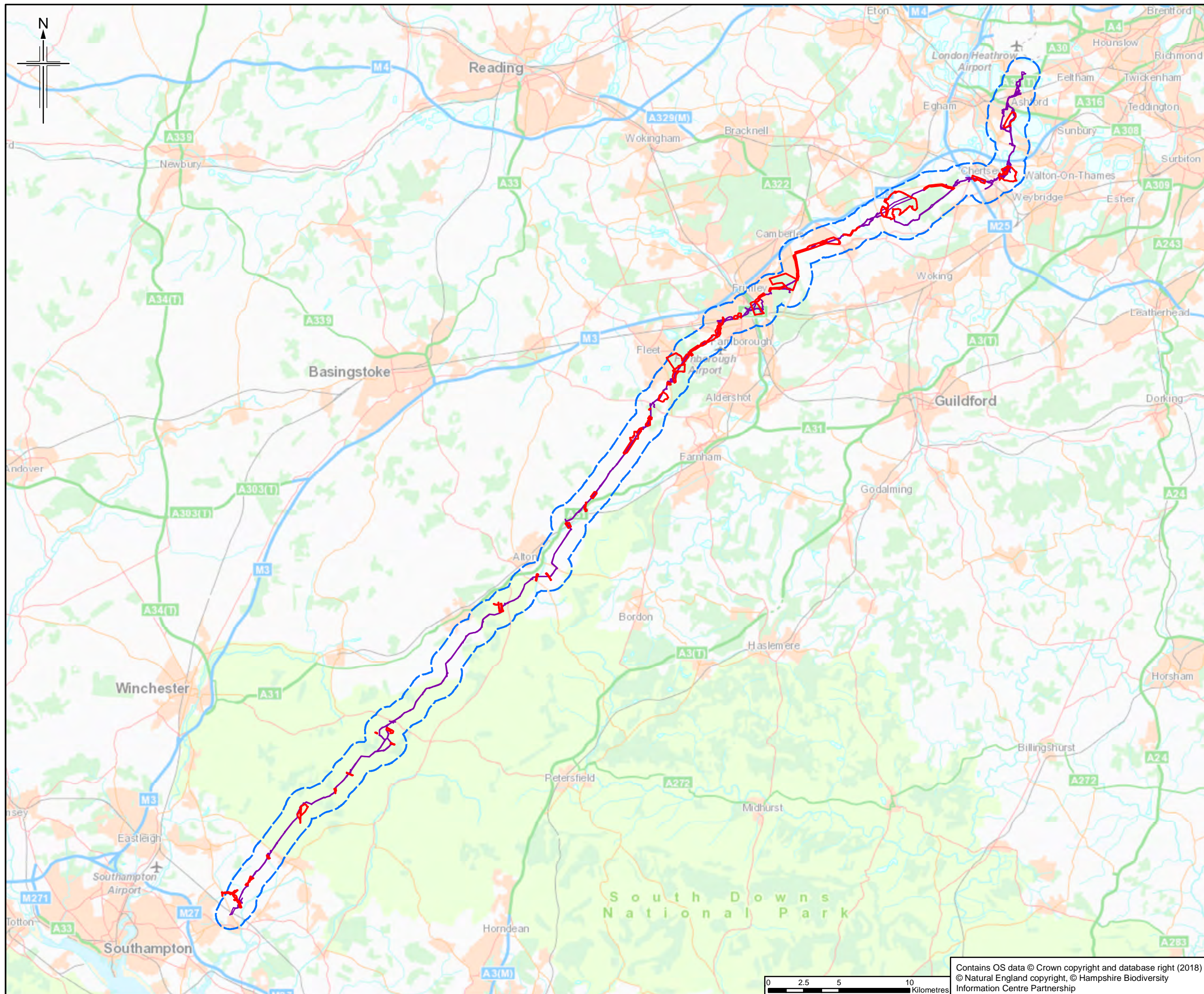
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- Order Limits
- - - Order Limits 1km Buffer
- Survey Area

See Sheets 2 to 14 for details. The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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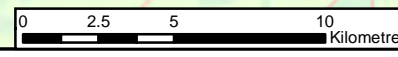
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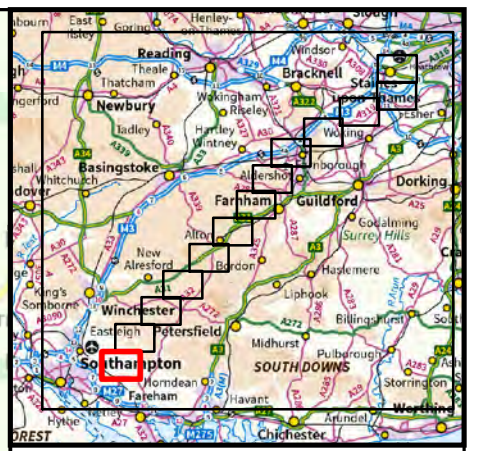
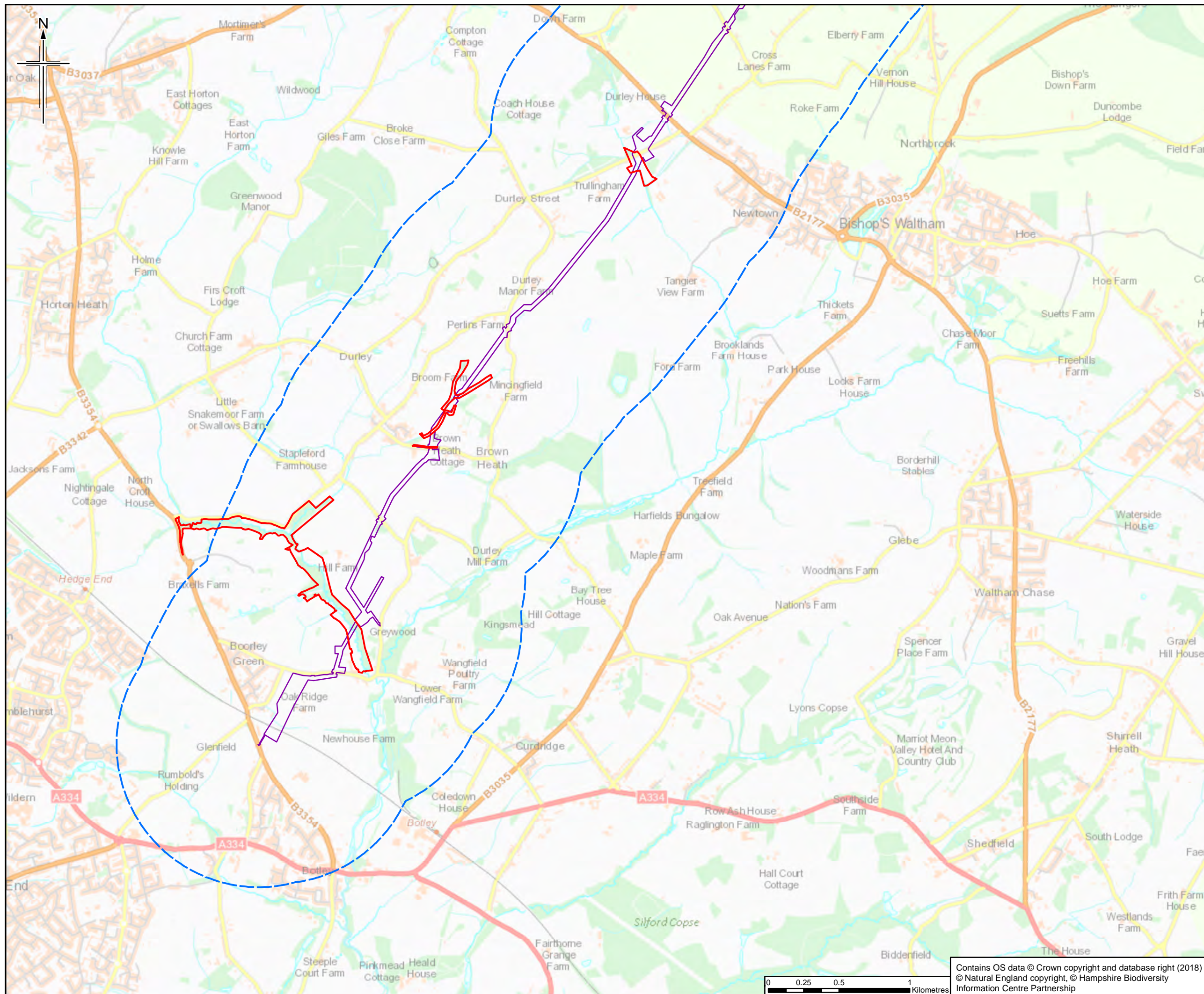
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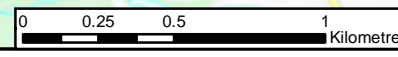
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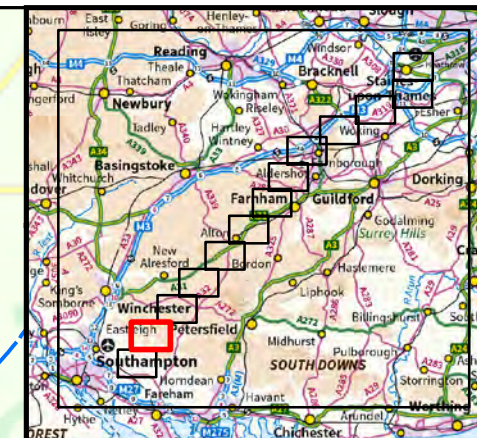
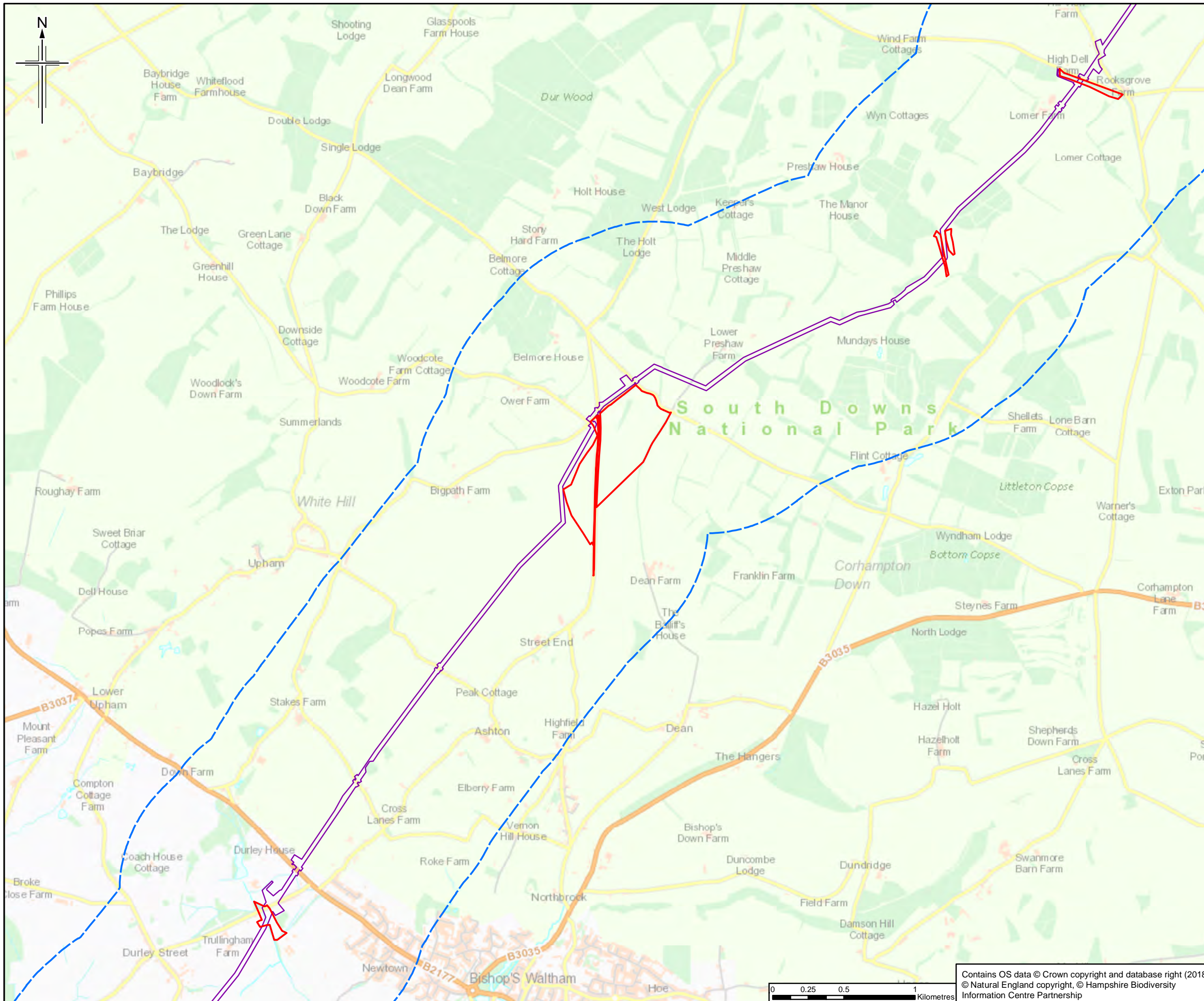
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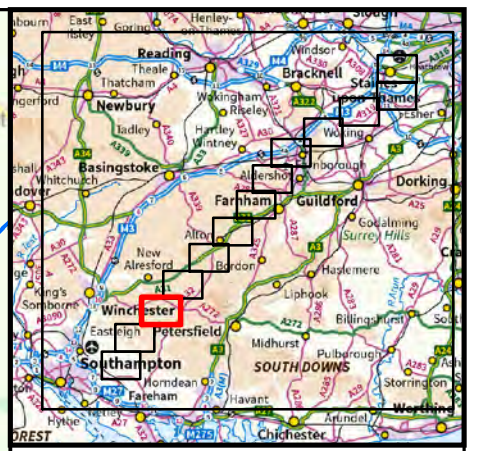
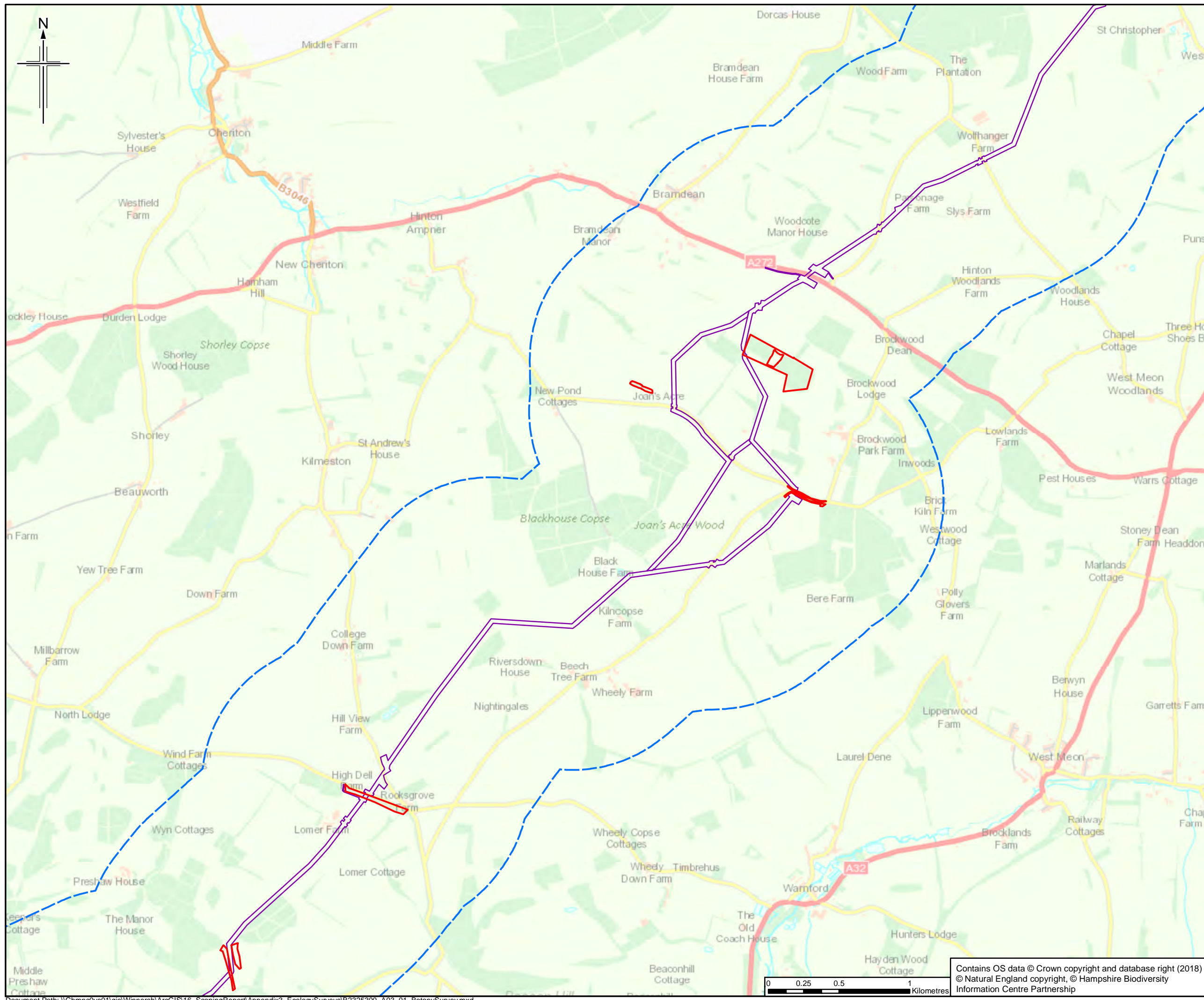
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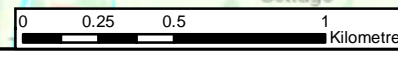
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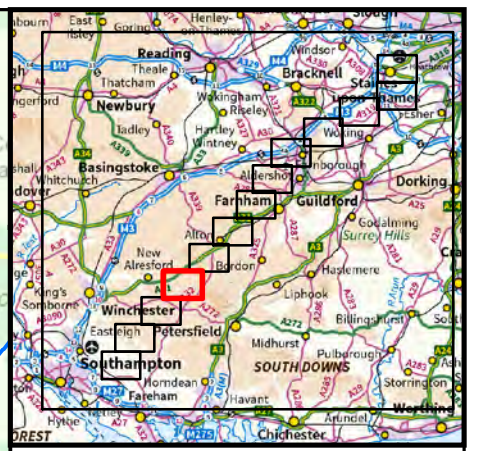
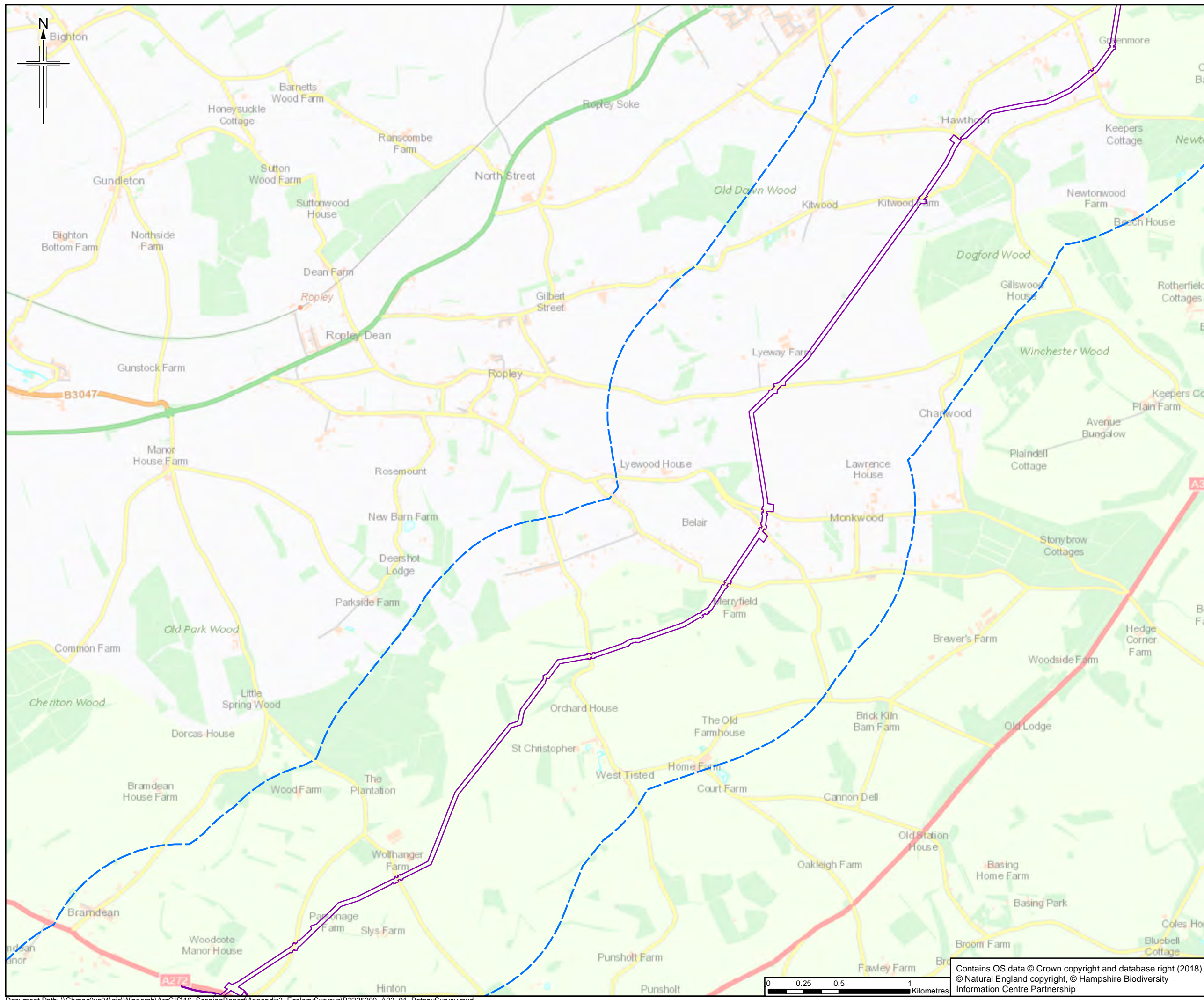
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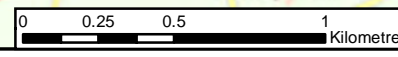
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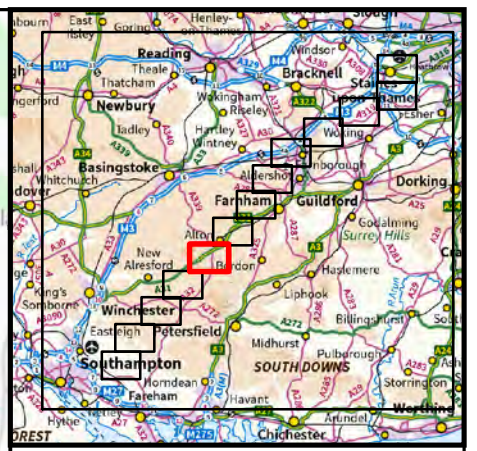
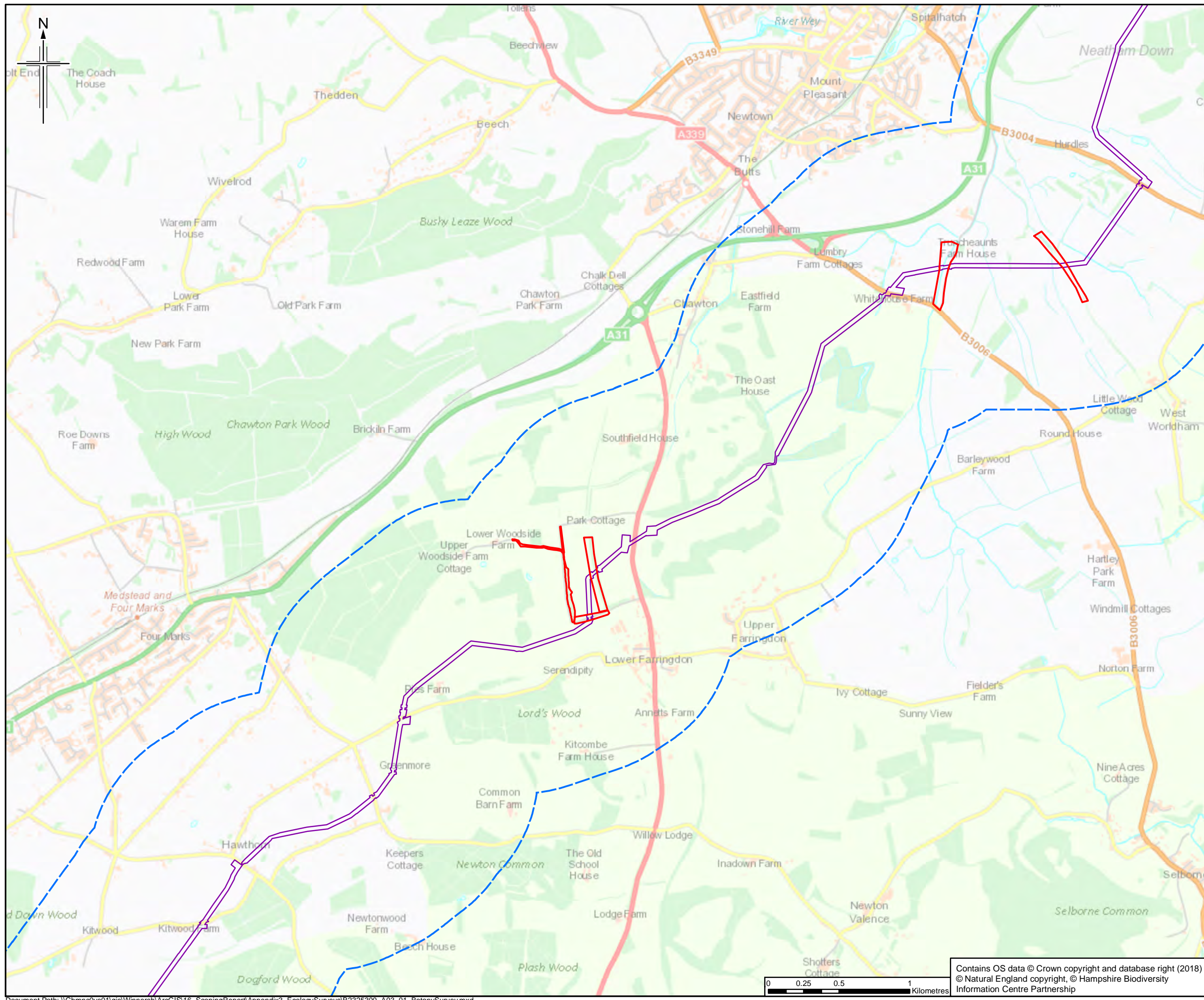
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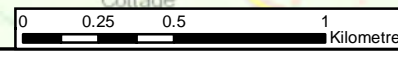
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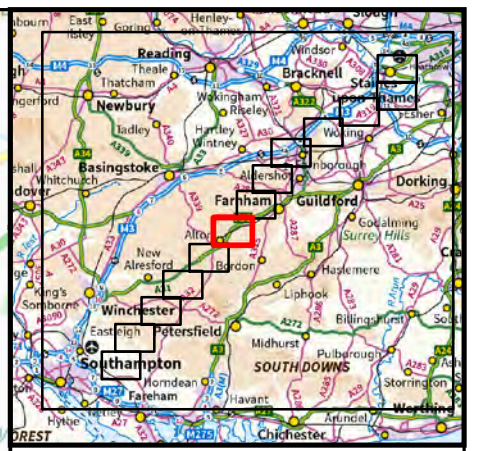
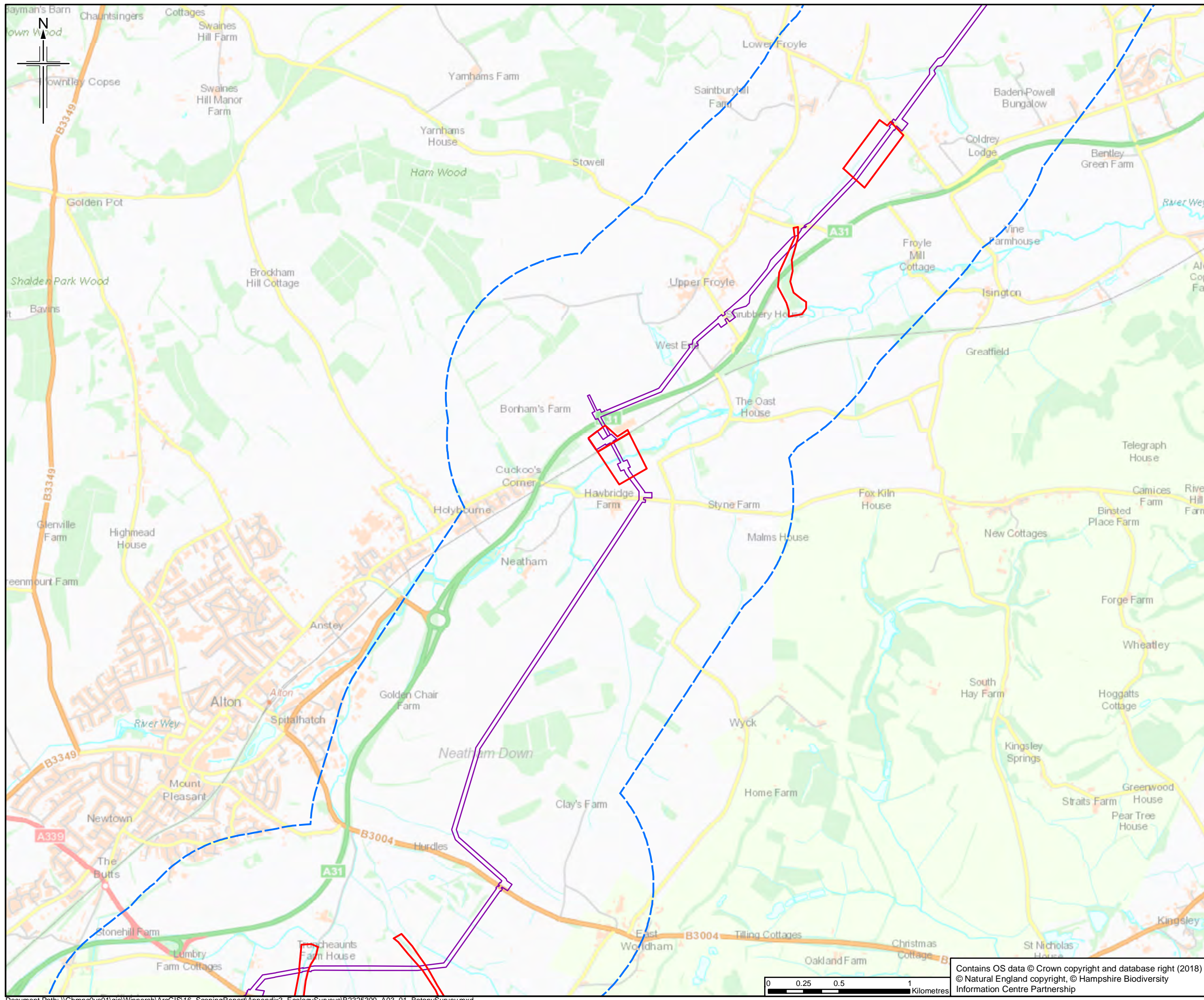
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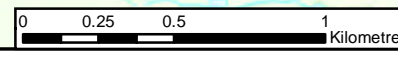
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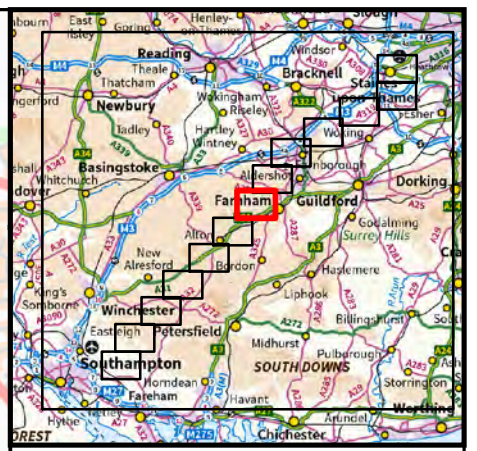
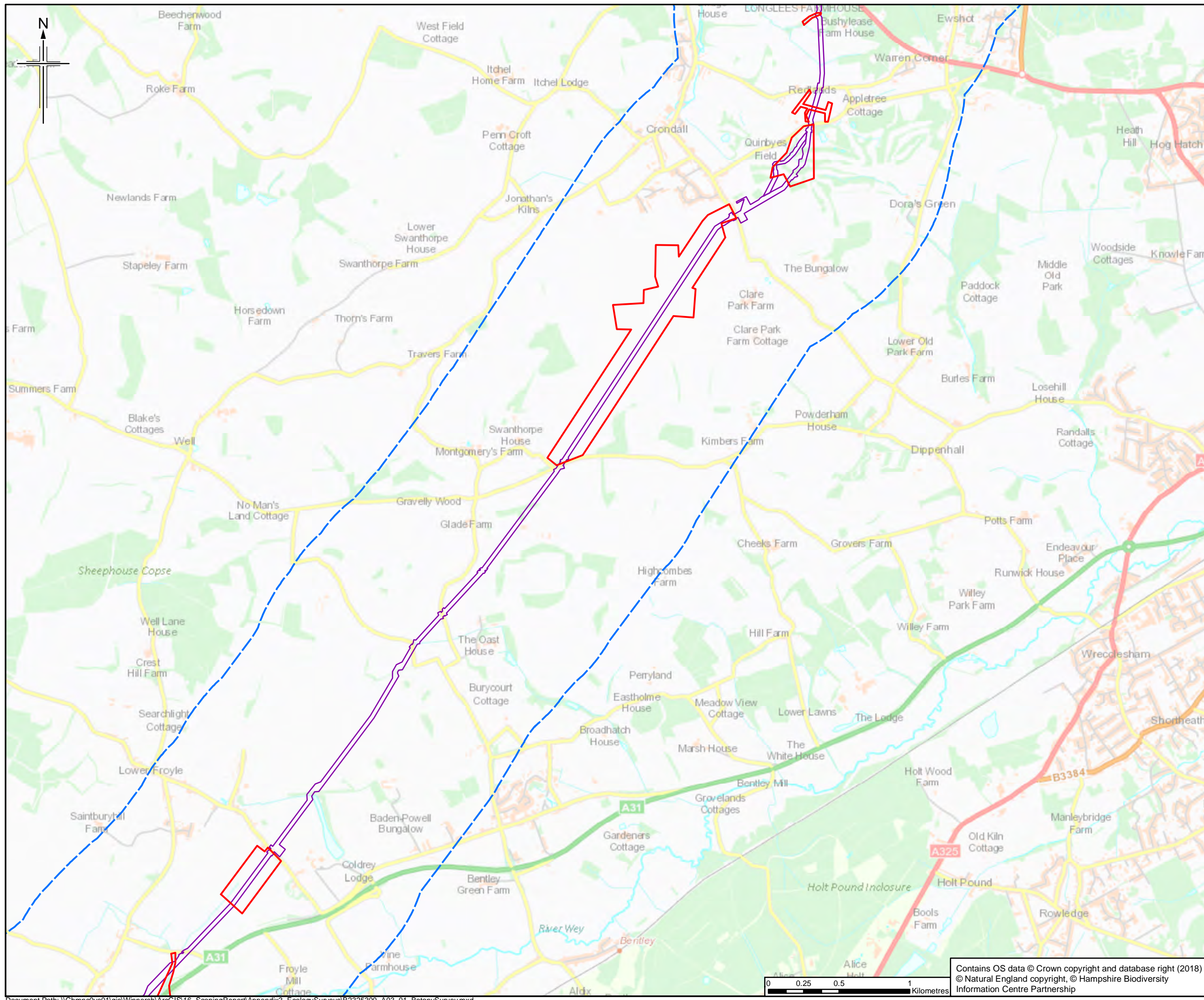


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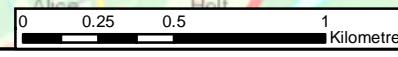
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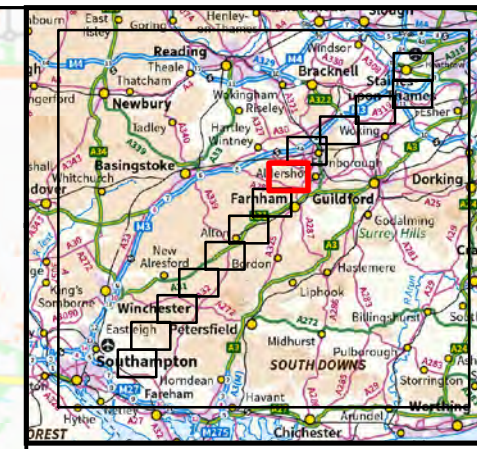
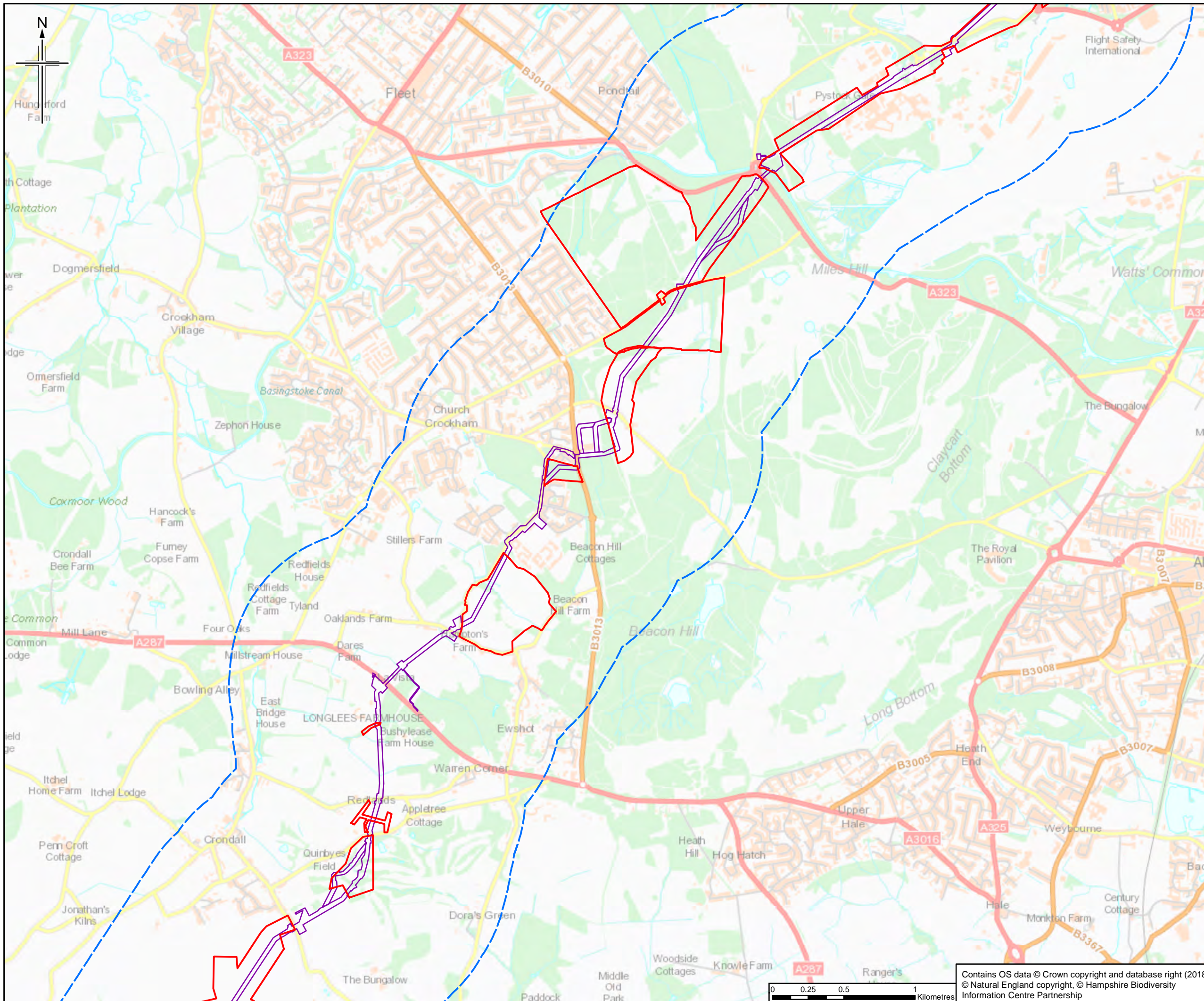
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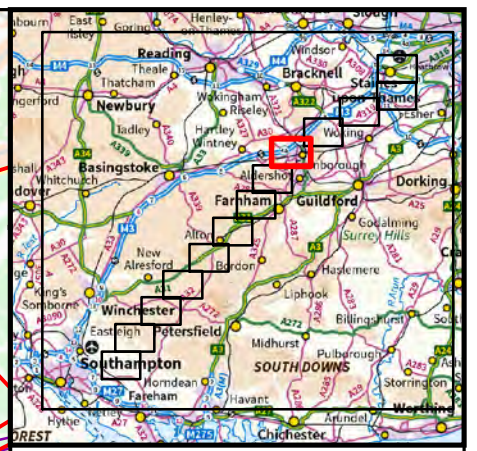
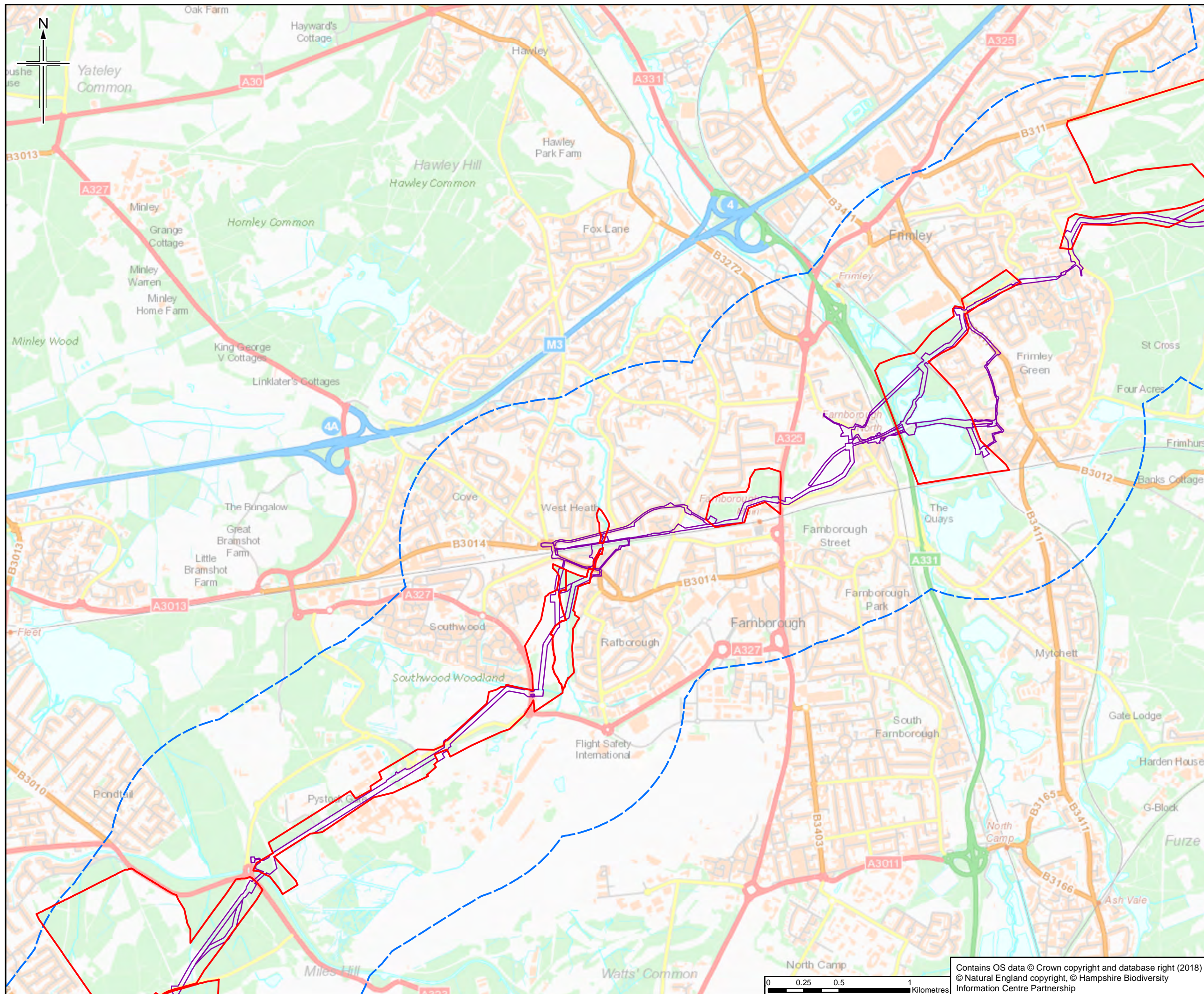
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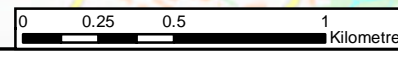
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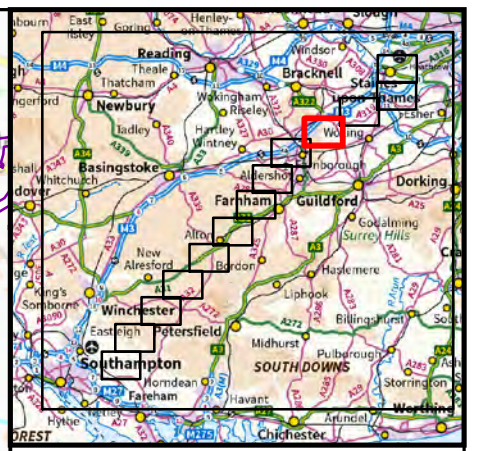
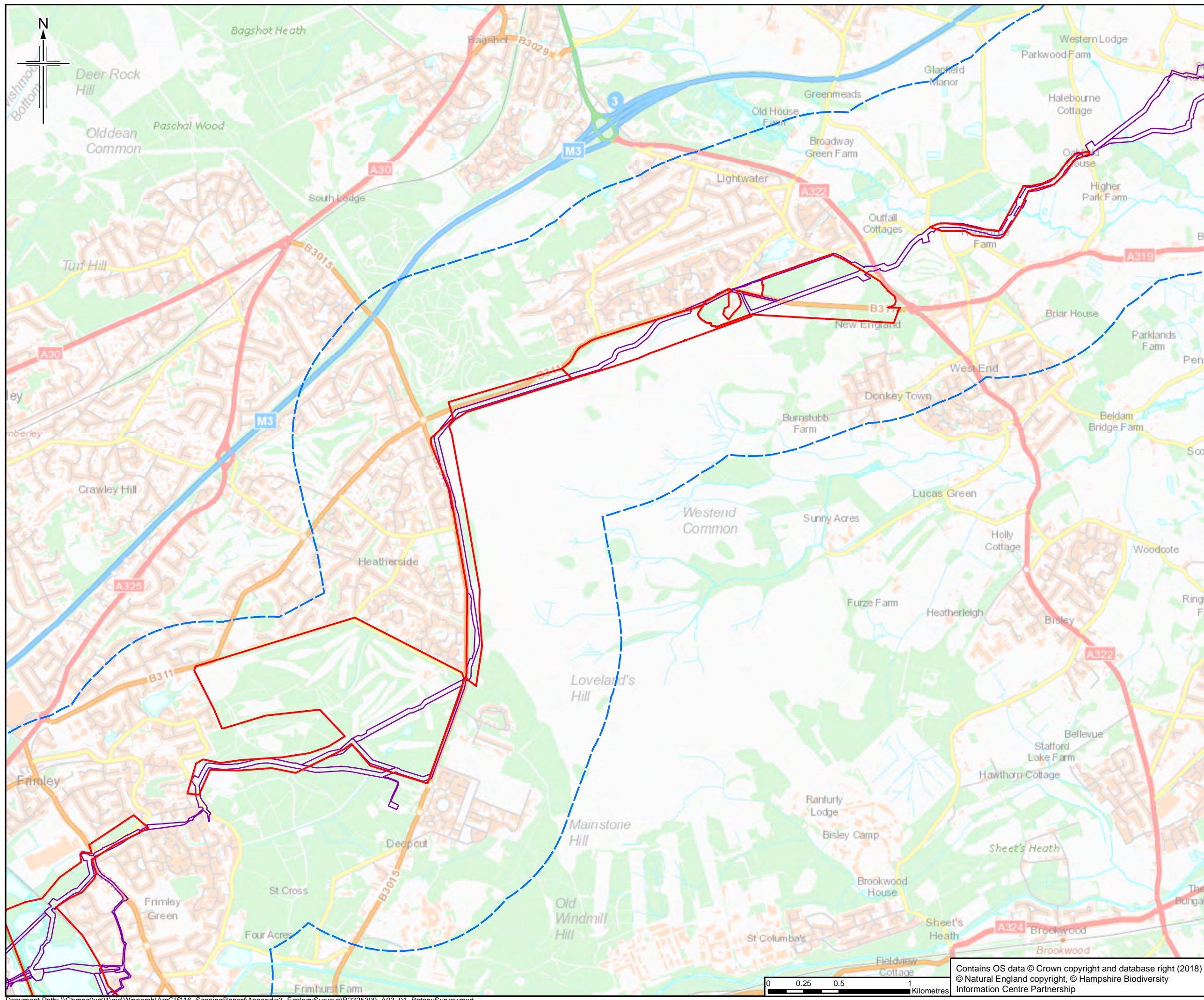
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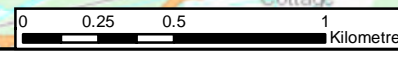
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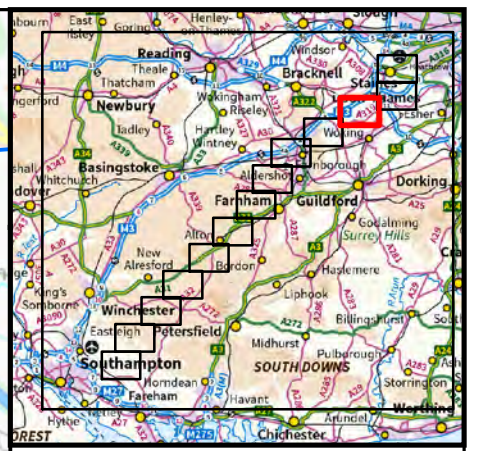
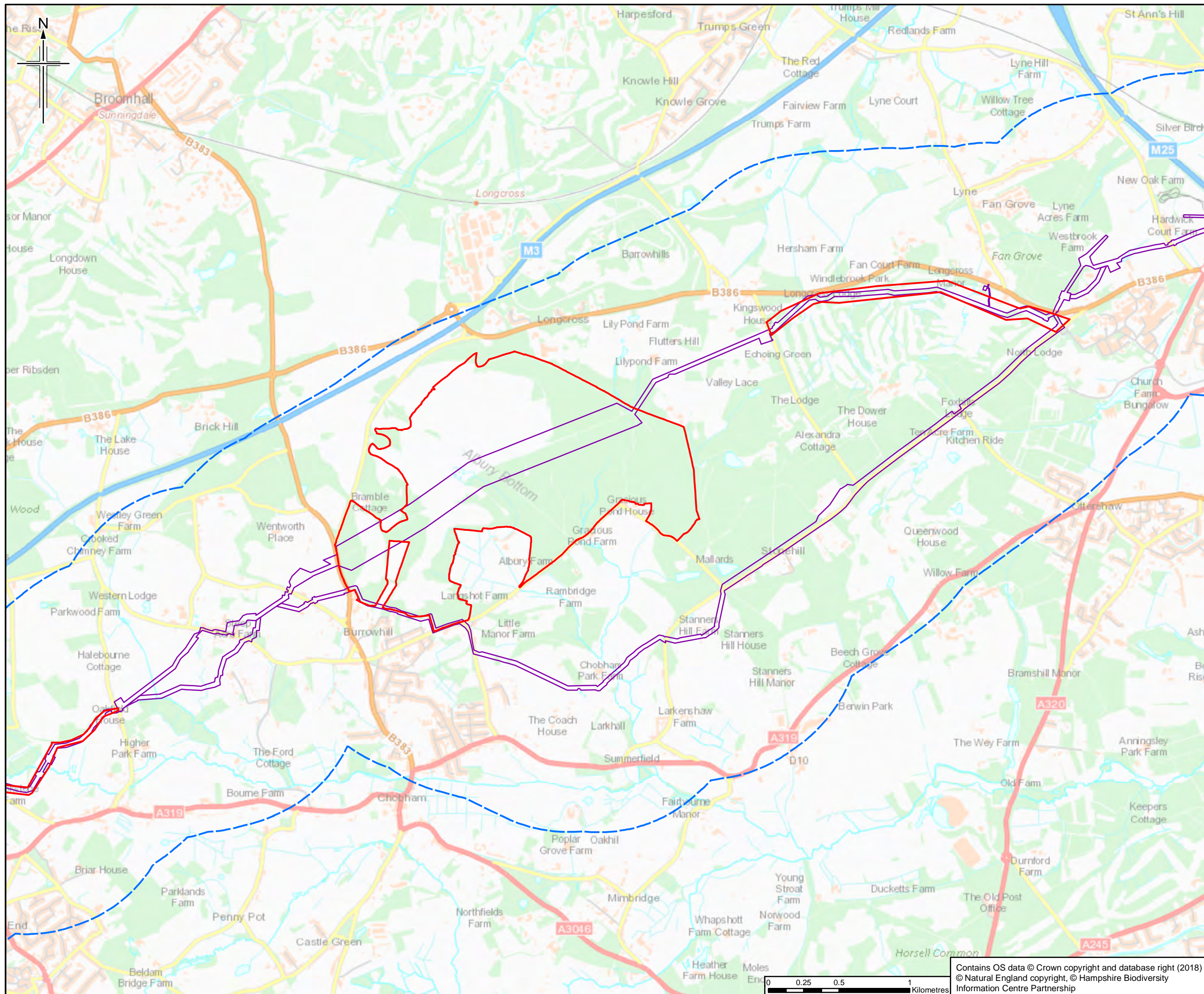


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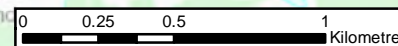
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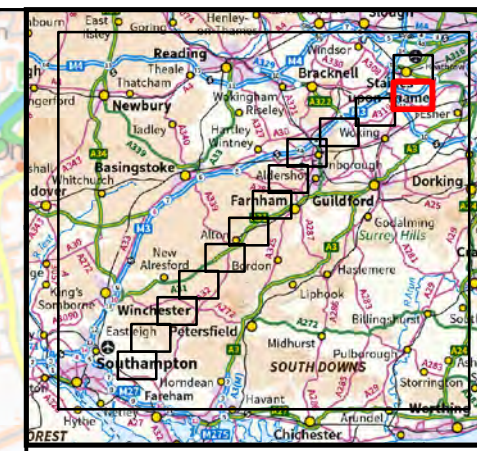
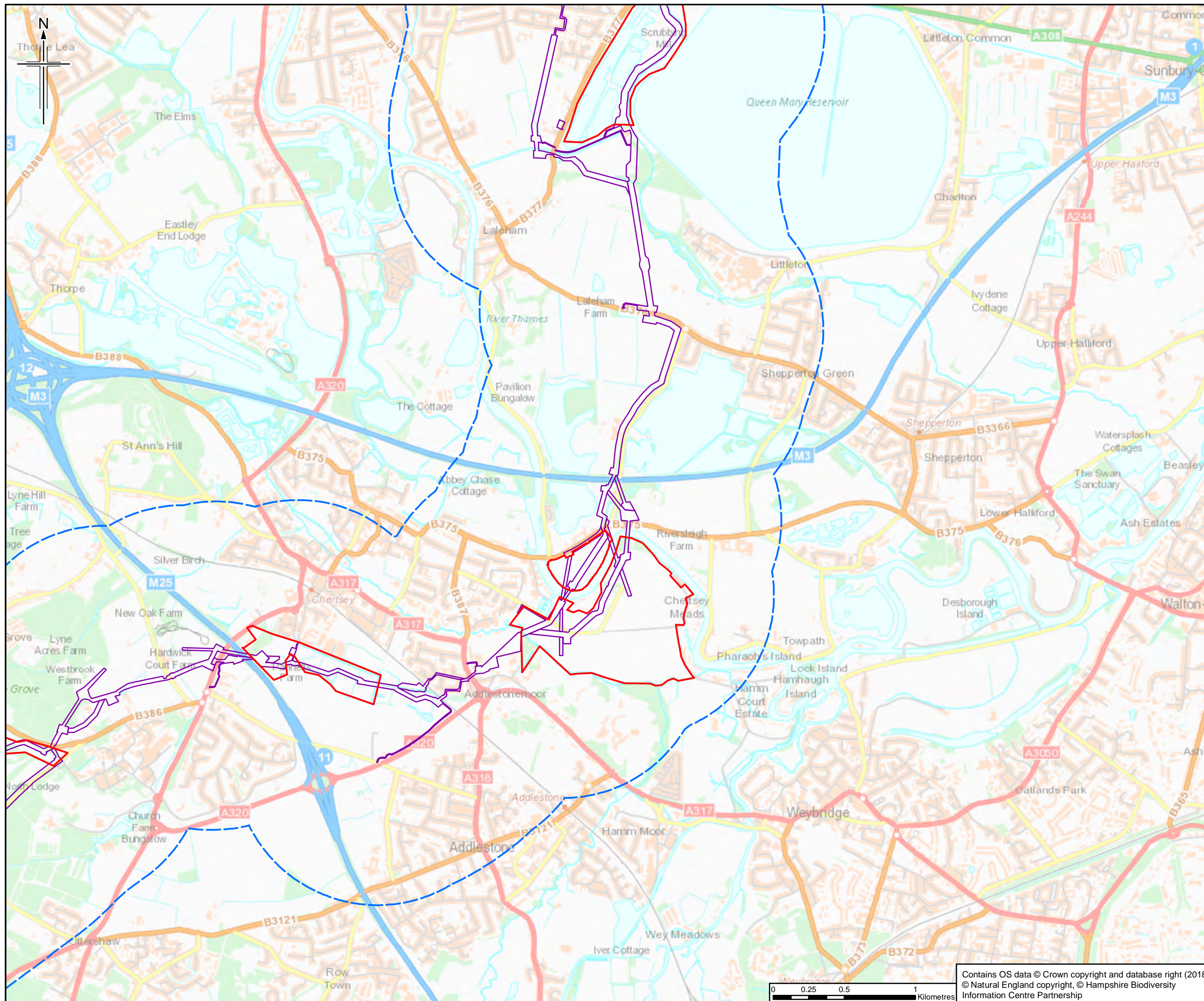
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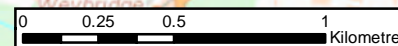


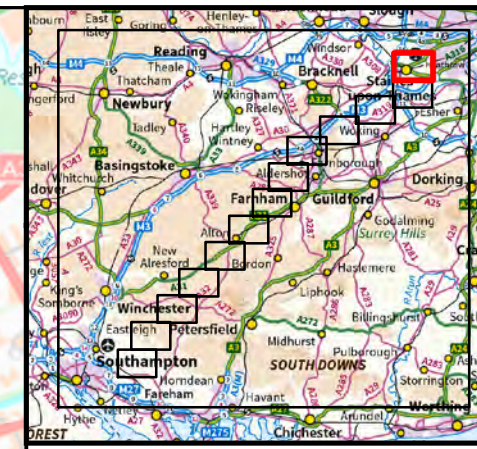
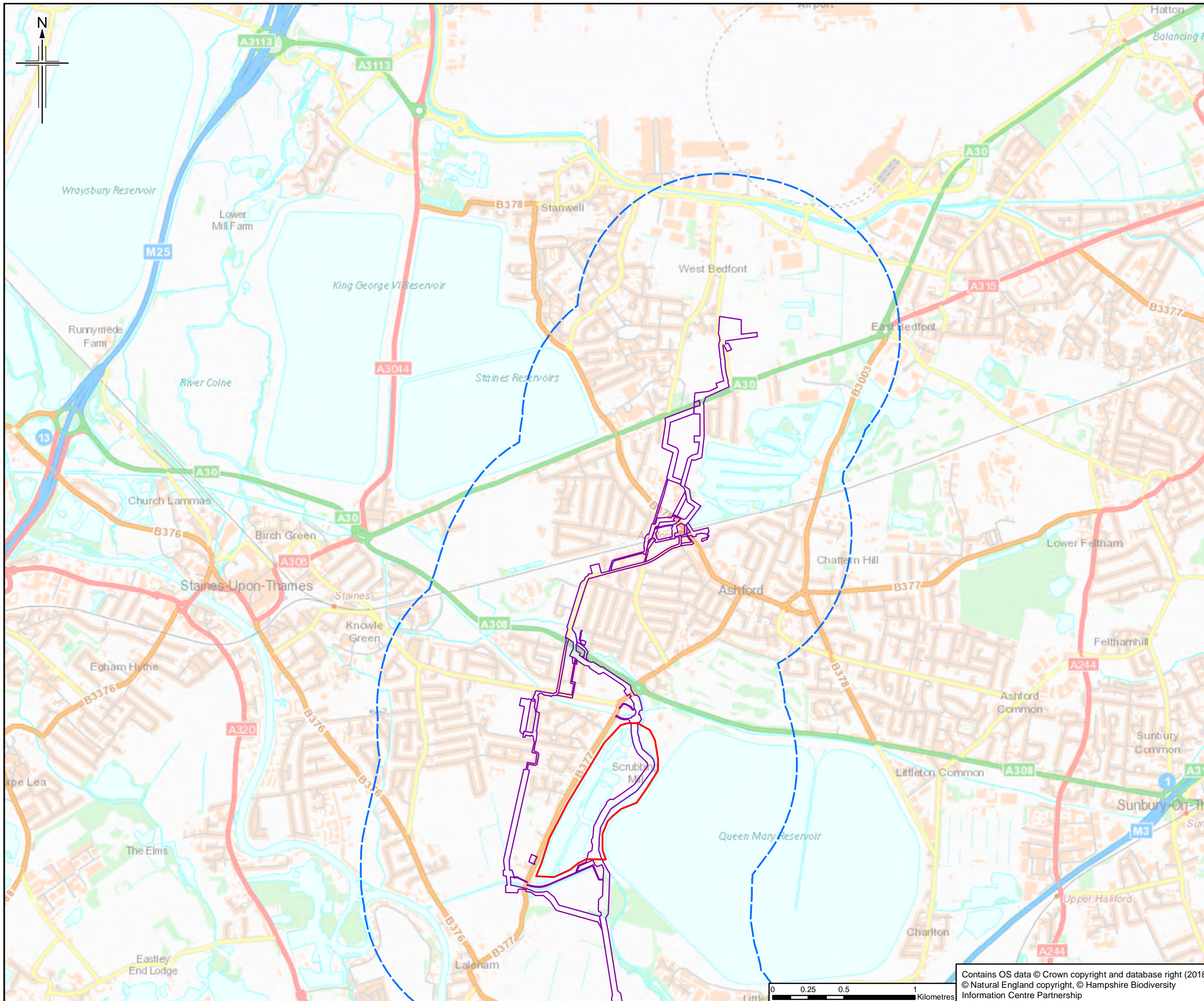
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Jacobs No.	B2325300	
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Figure A3.1 Sheet 13 of 14  
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Survey Area

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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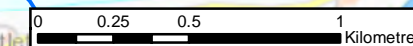
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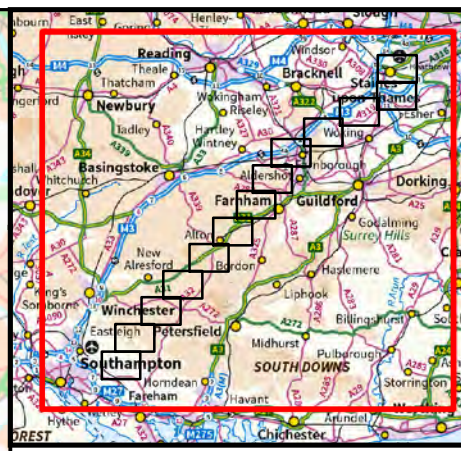
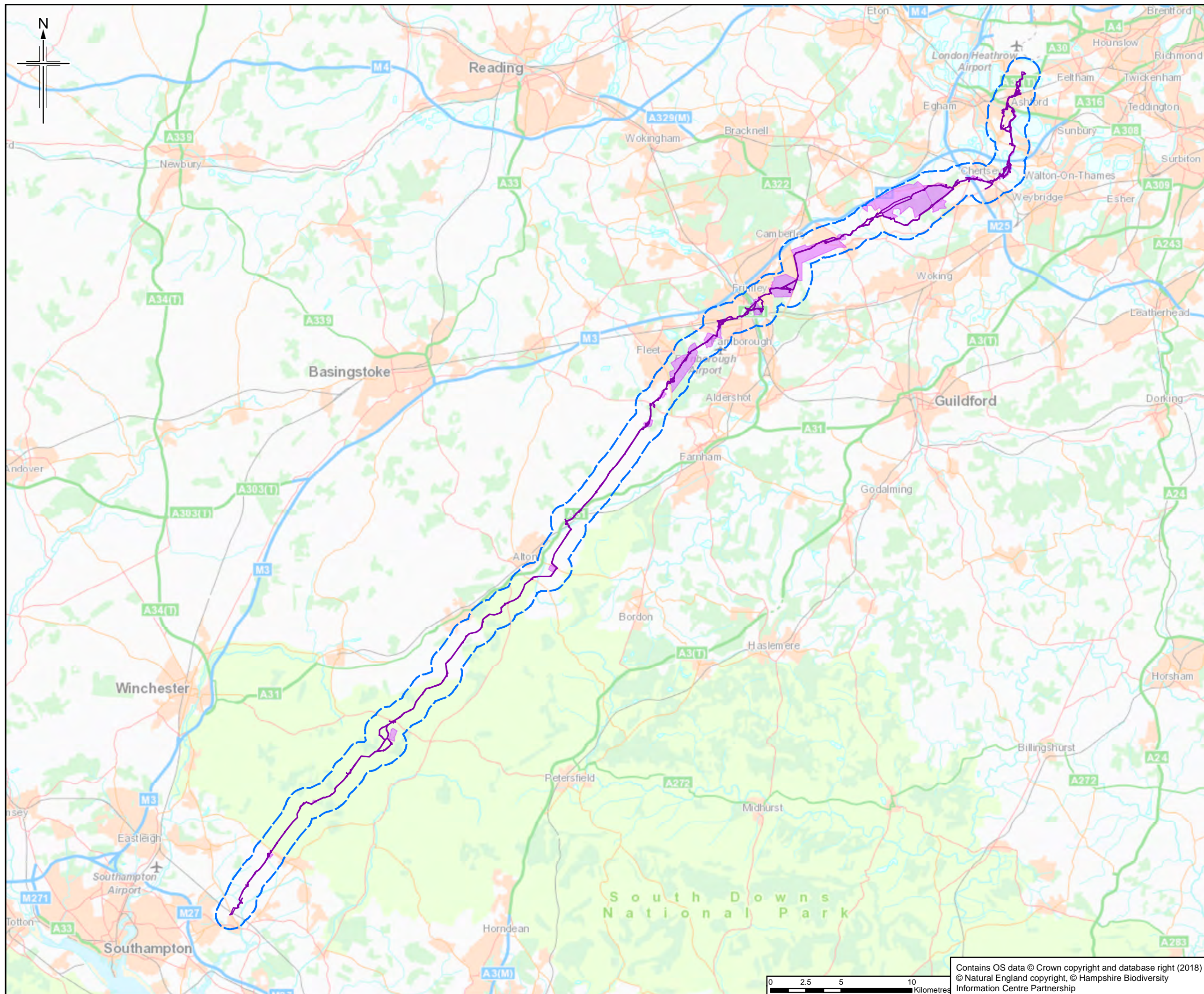


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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
  - Indicative reptile survey area

See Sheets 2 to 14 for details. The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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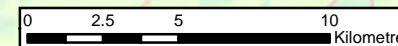
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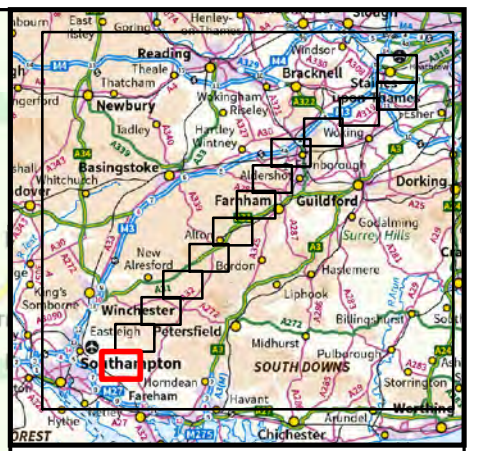
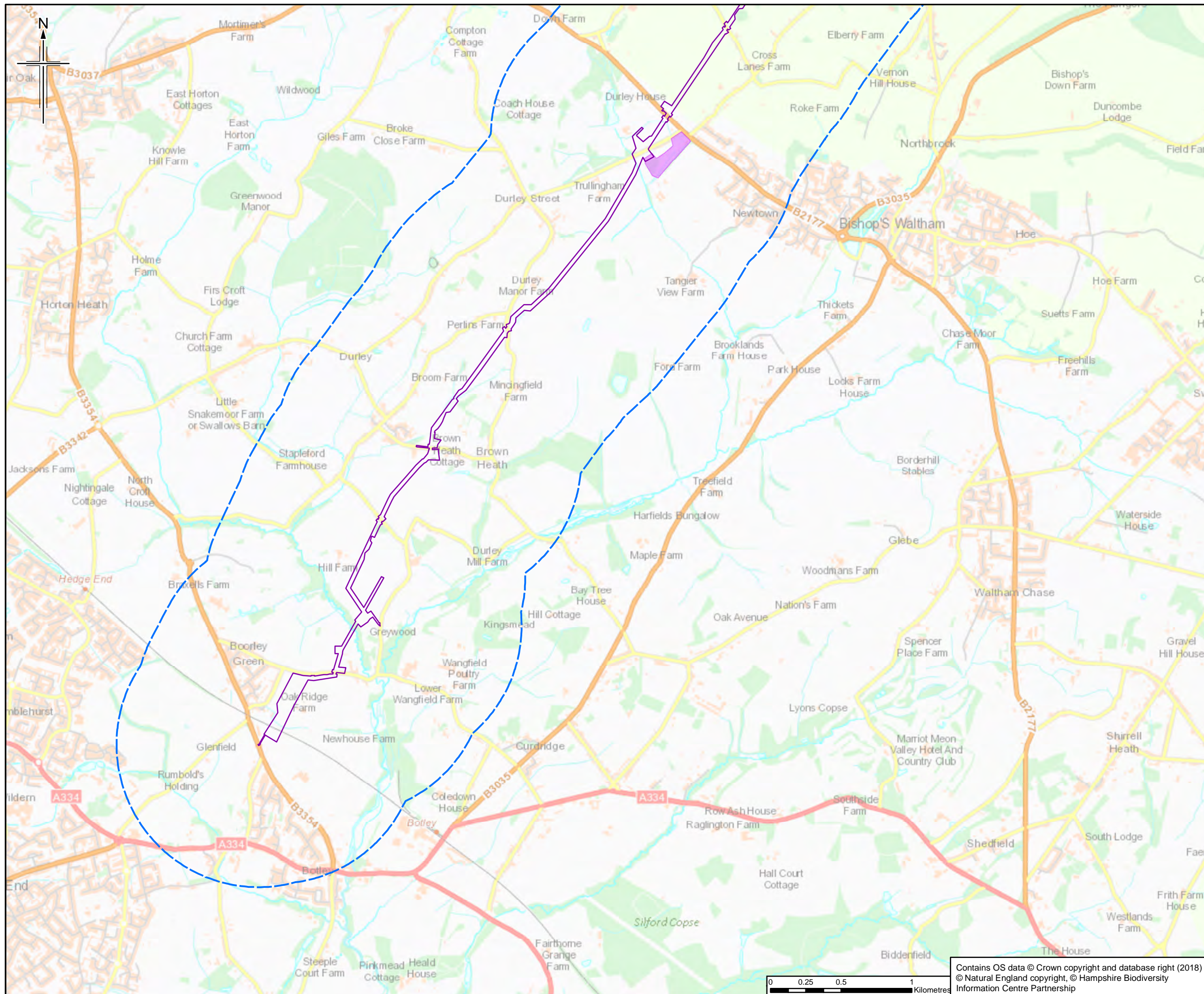
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Indicative reptile survey area

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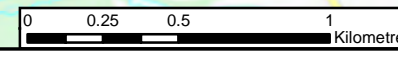
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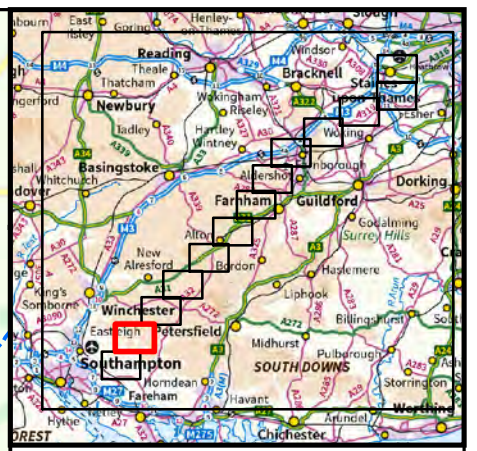
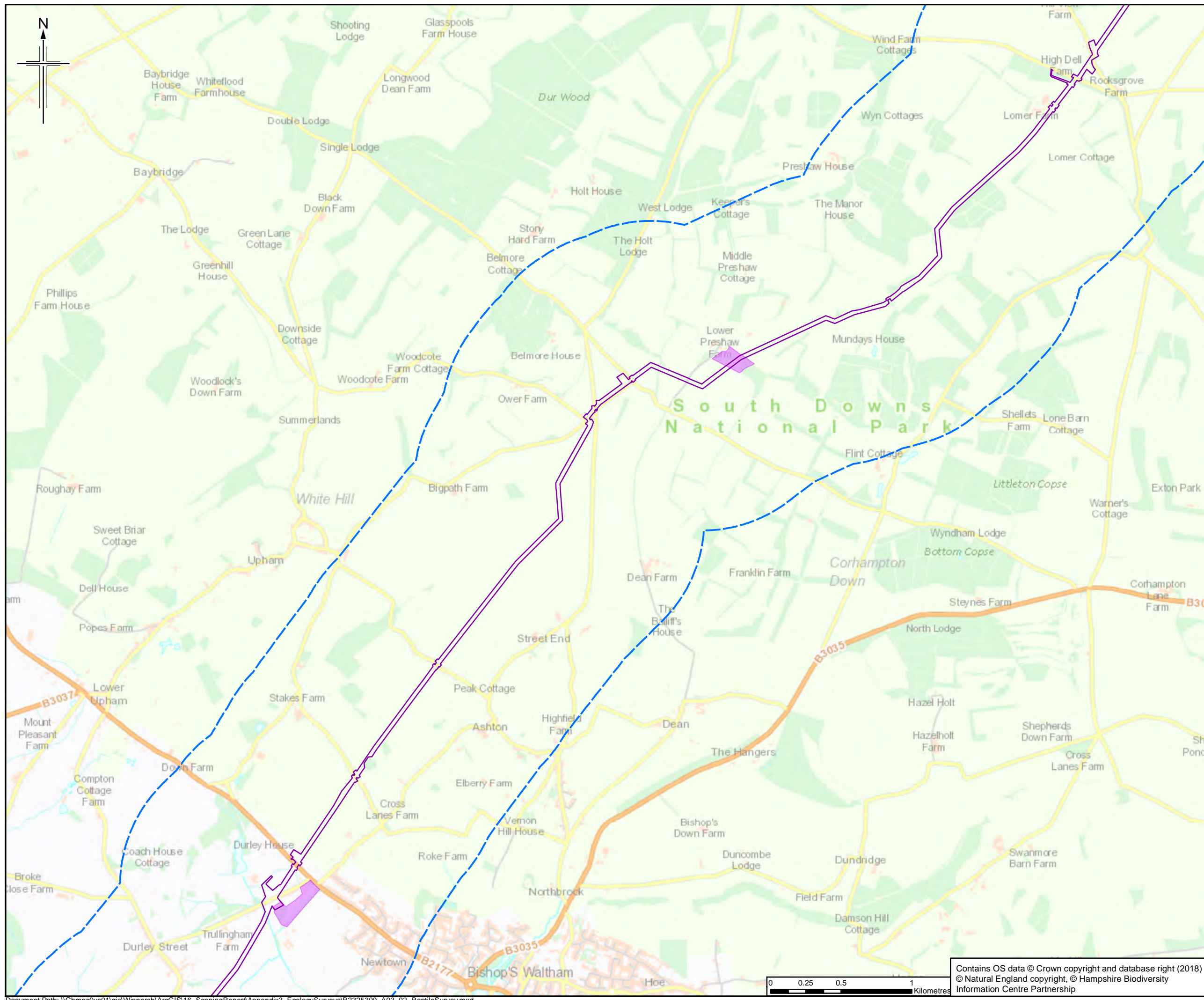
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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
  - Indicative reptile survey area

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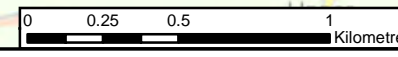


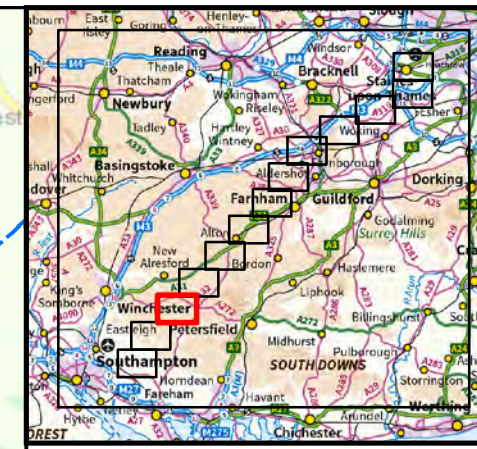
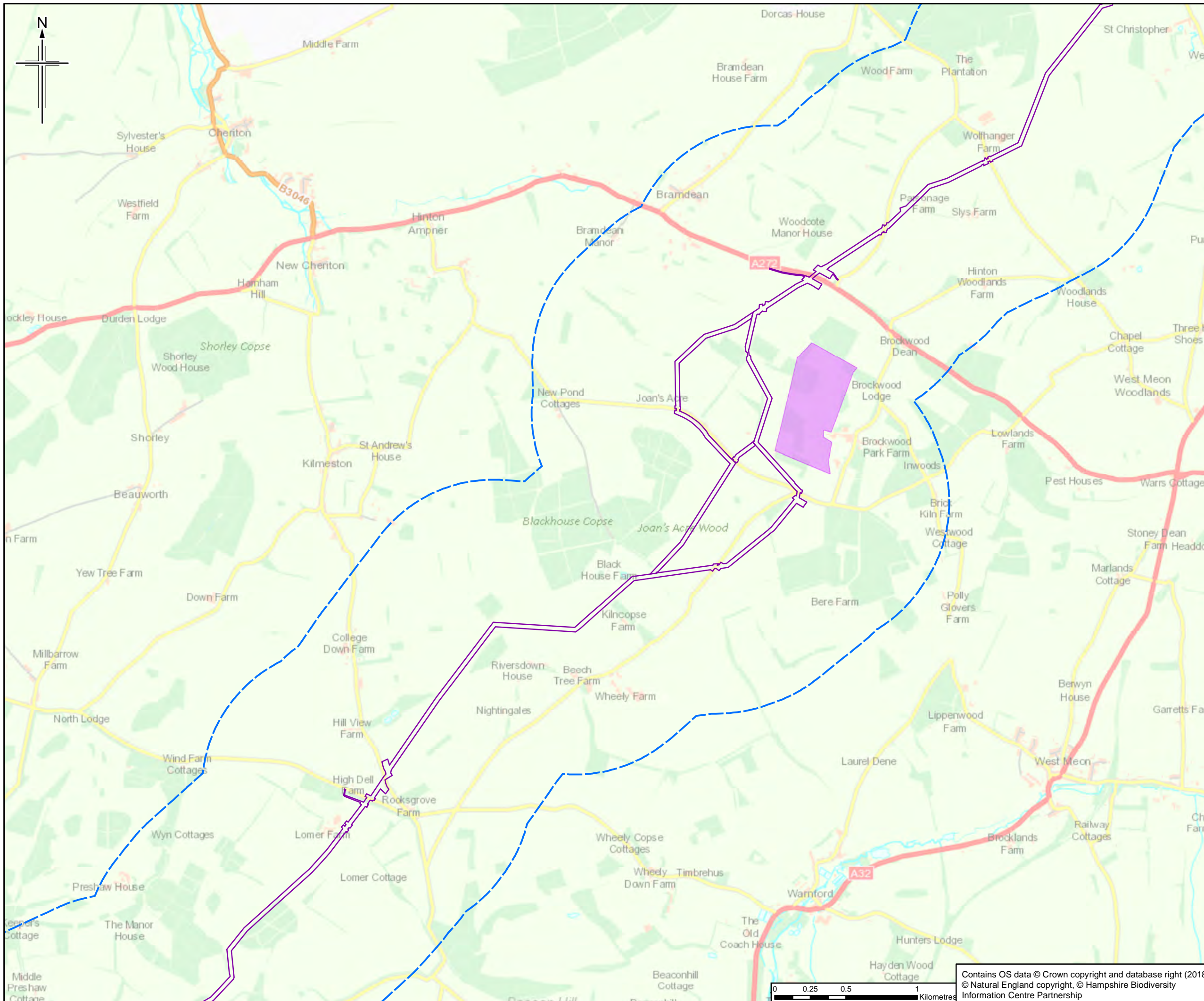
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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
  - Indicative reptile survey area

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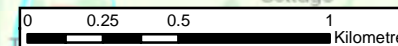
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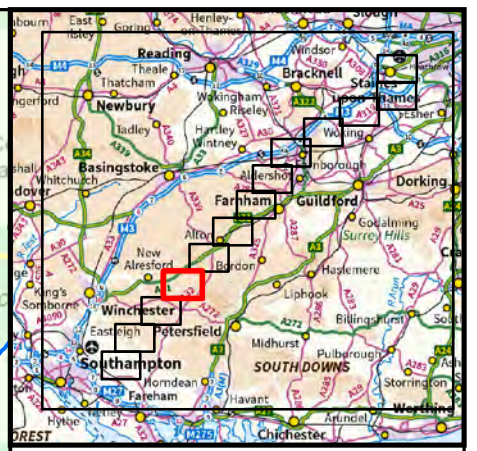
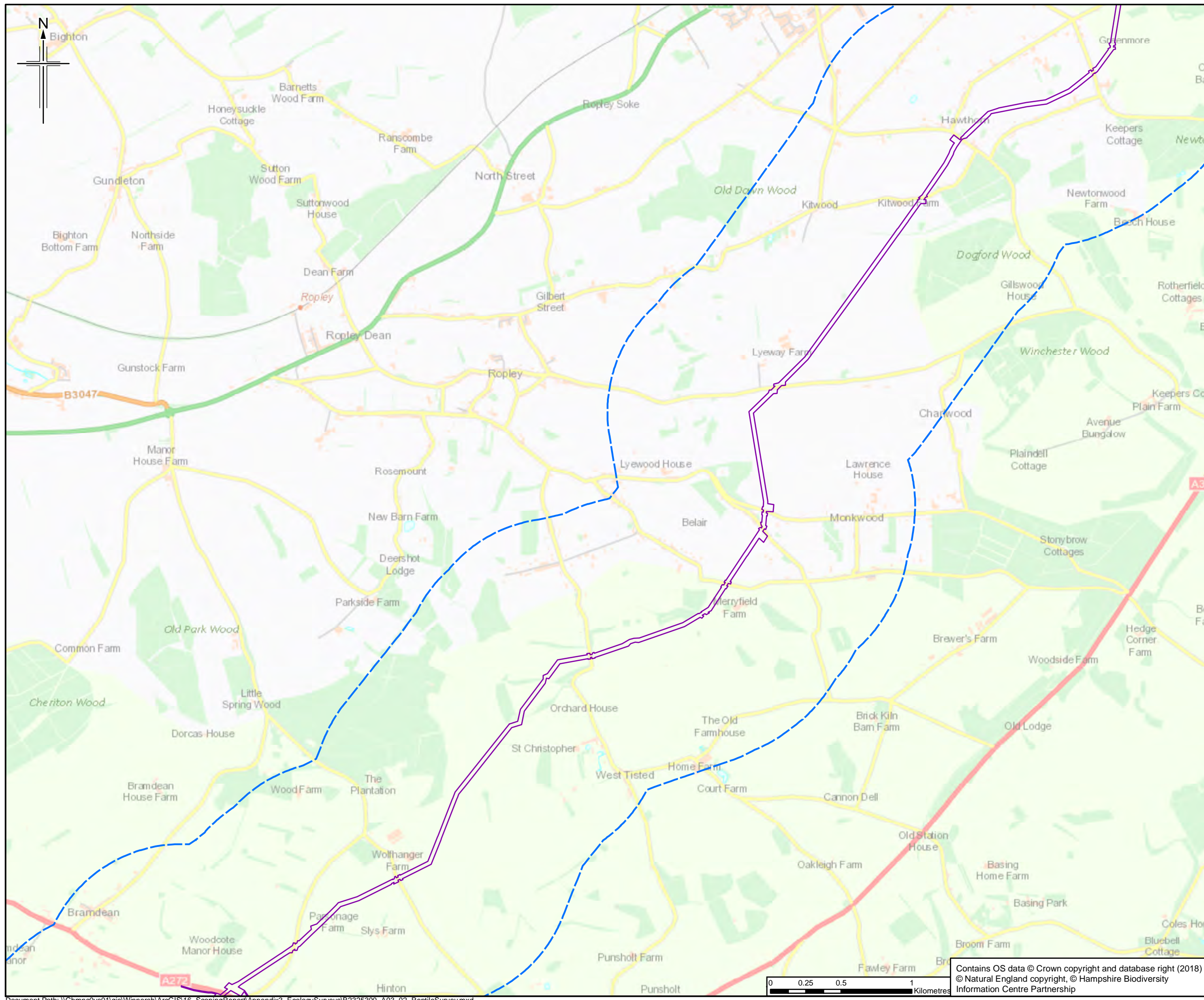
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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
  - ▭ Indicative reptile survey area

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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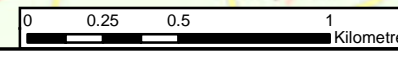
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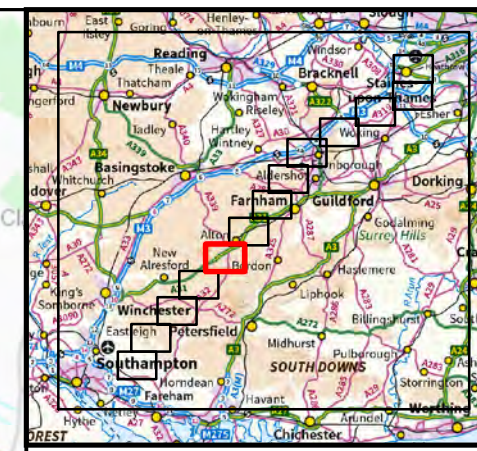
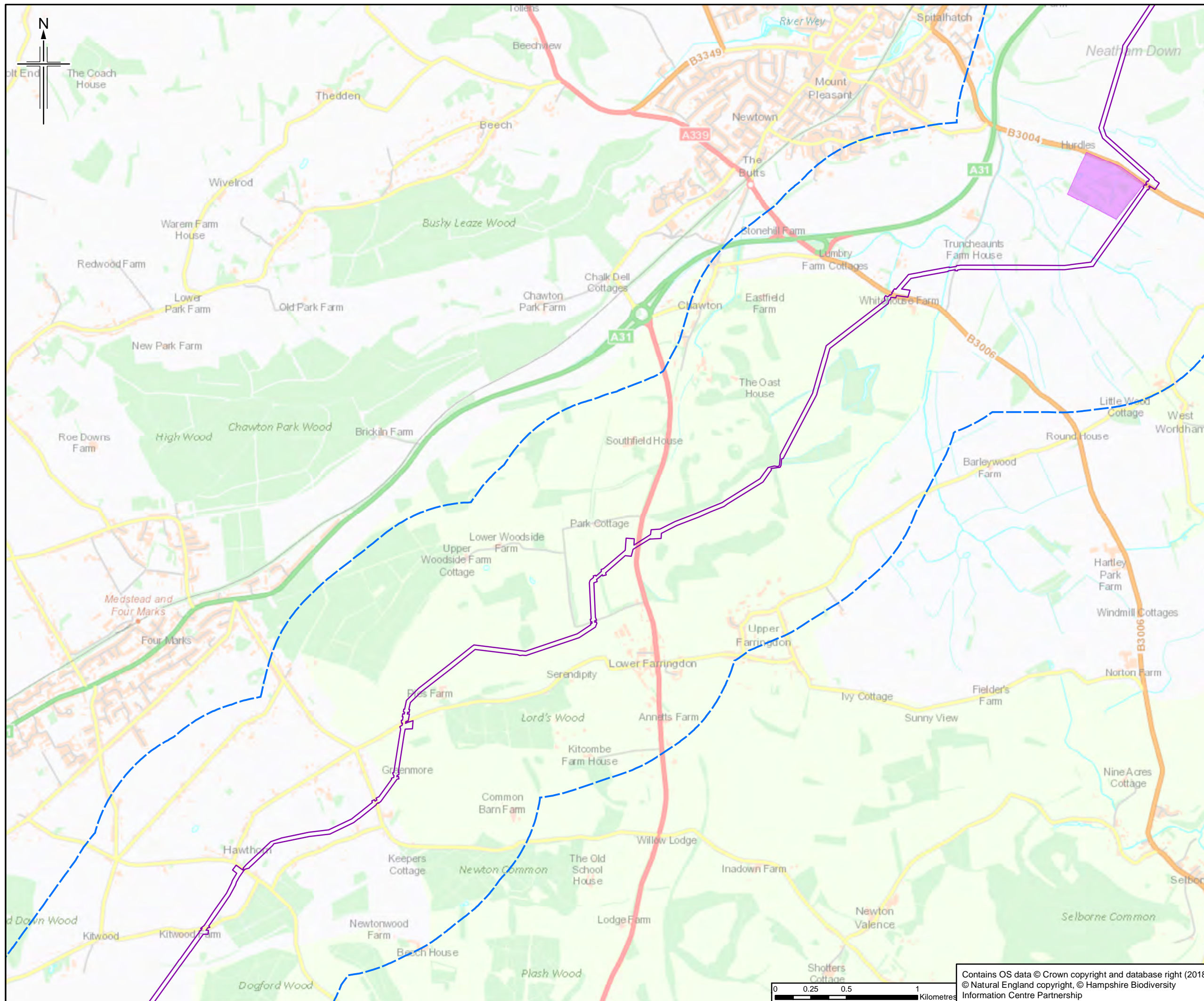
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Indicative reptile survey area

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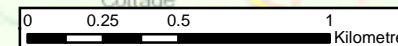
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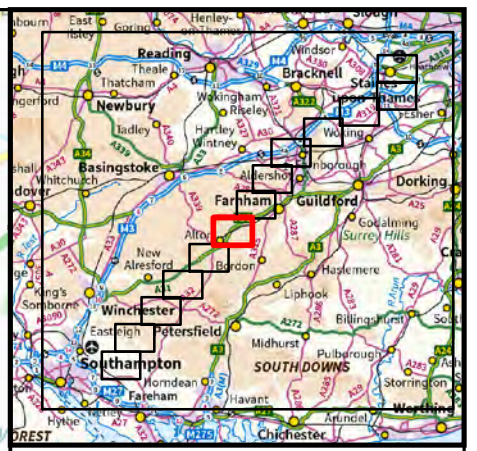
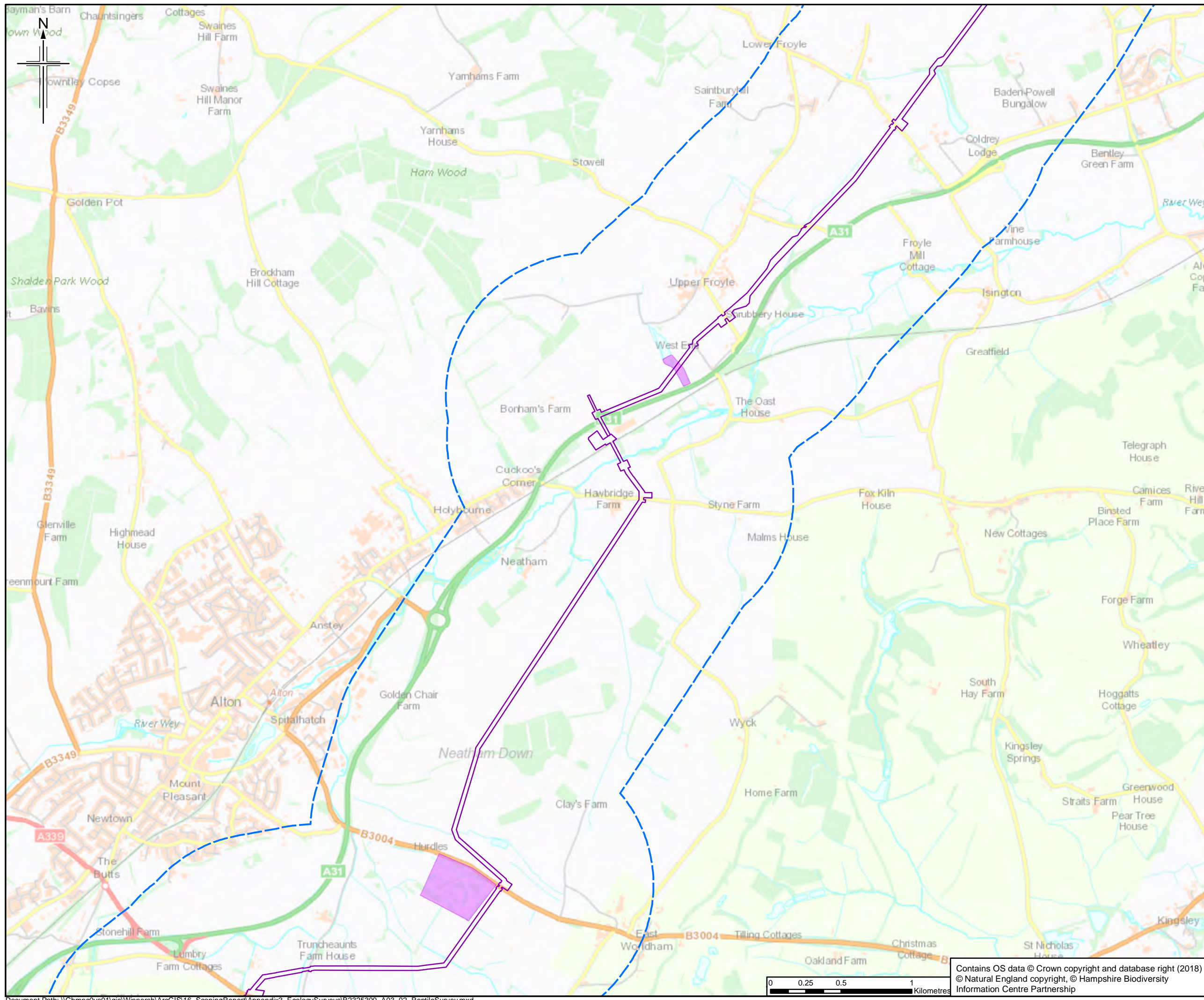
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Indicative reptile survey area

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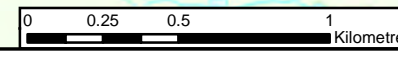
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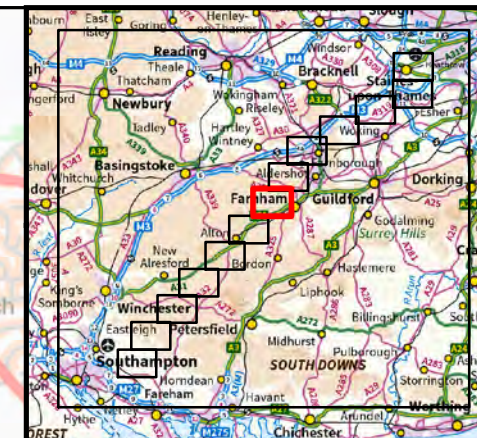
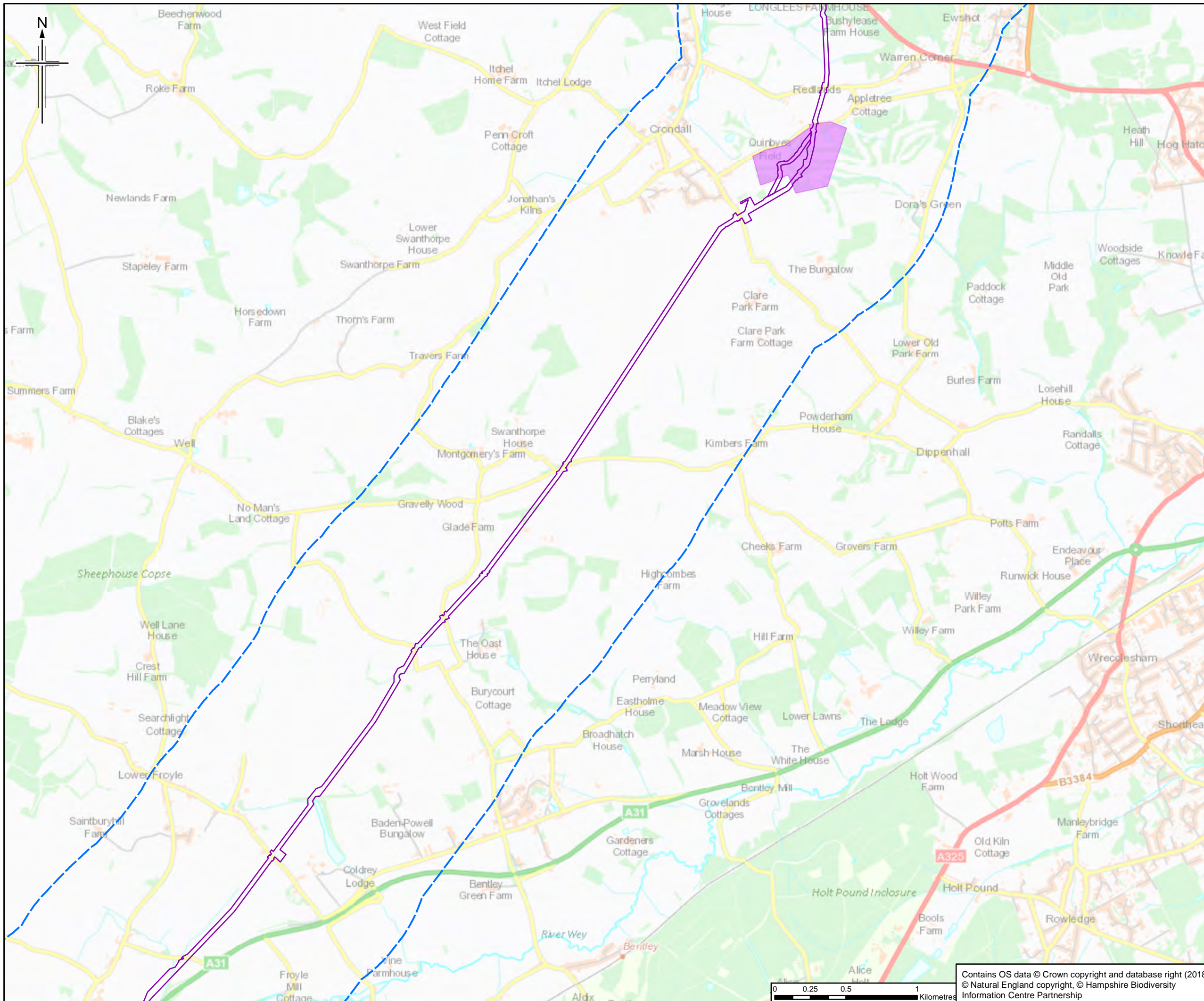


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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
  - Indicative reptile survey area

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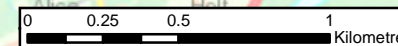
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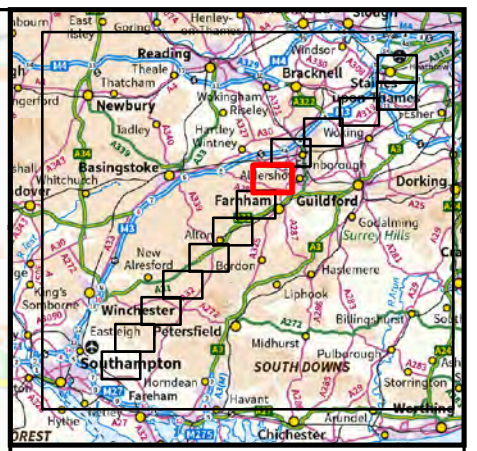
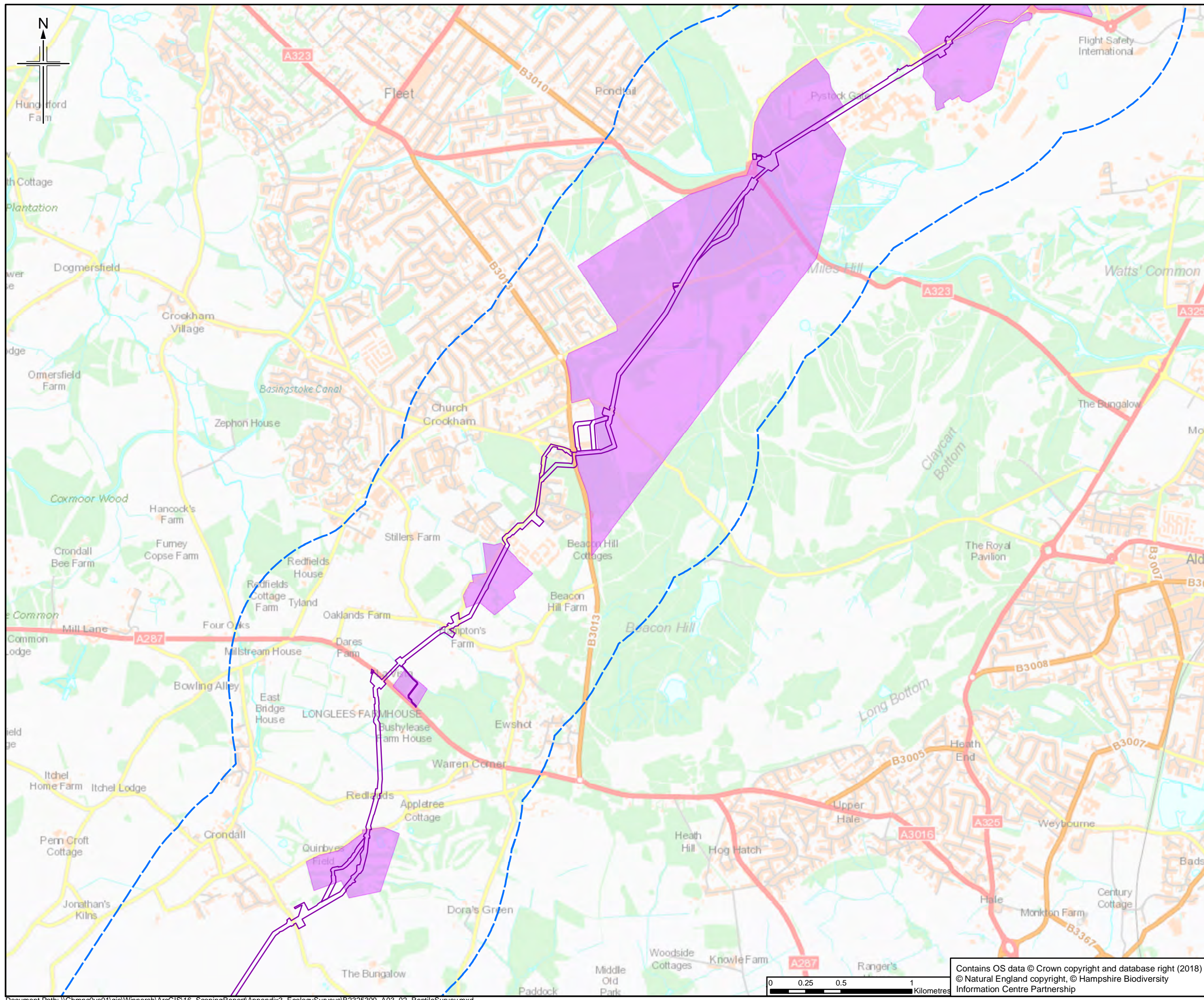
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Indicative reptile survey area

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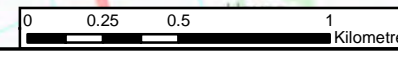
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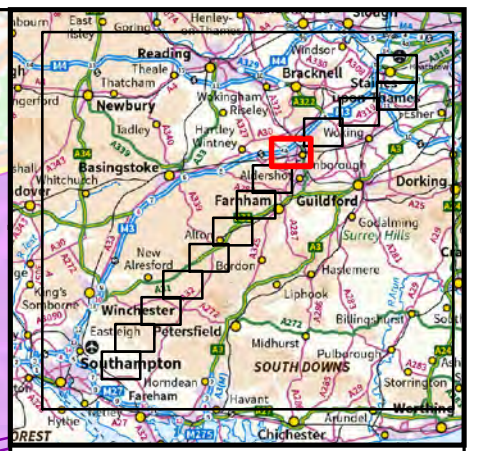
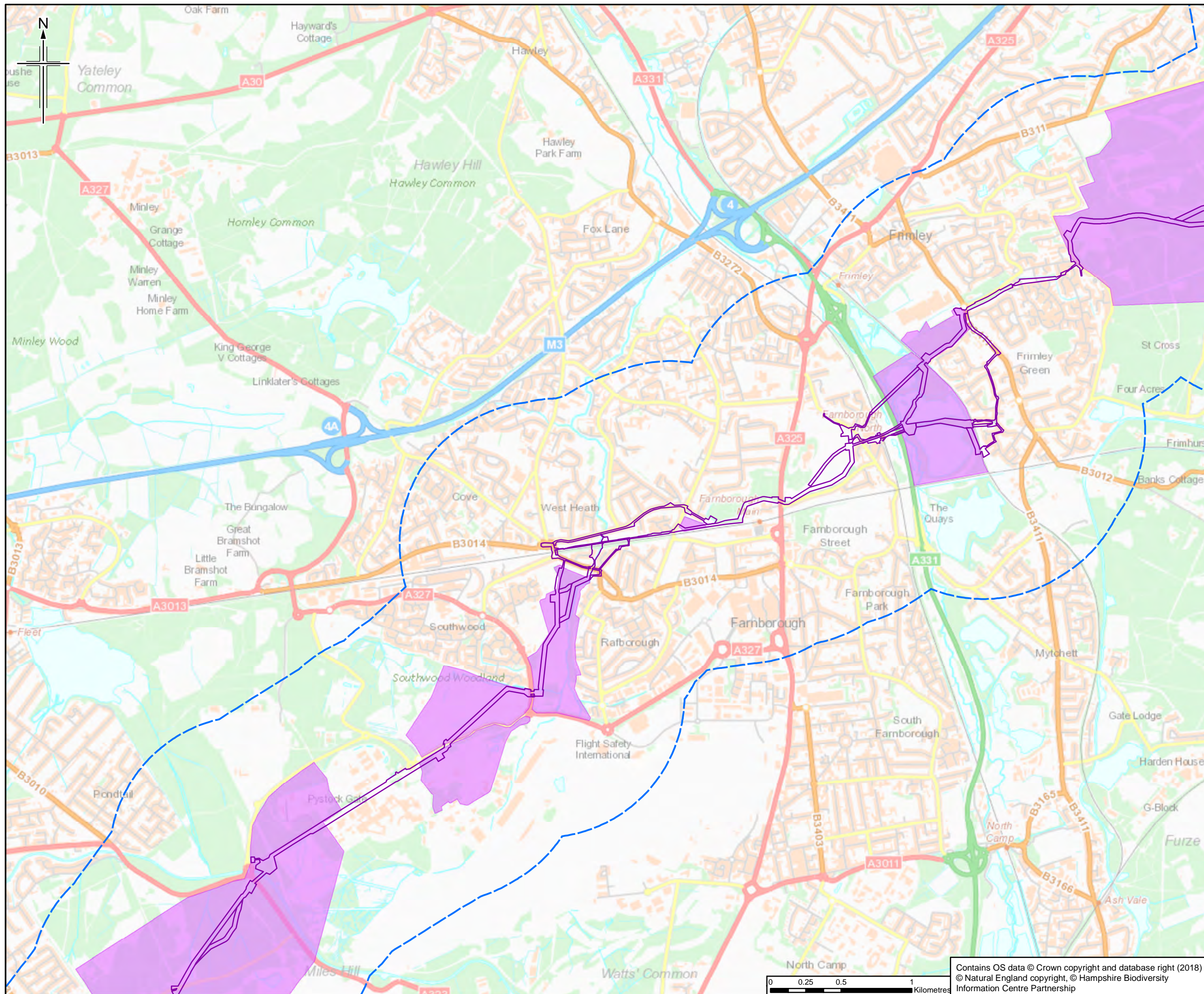
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Indicative reptile survey area

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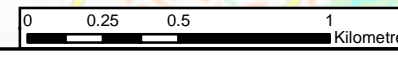
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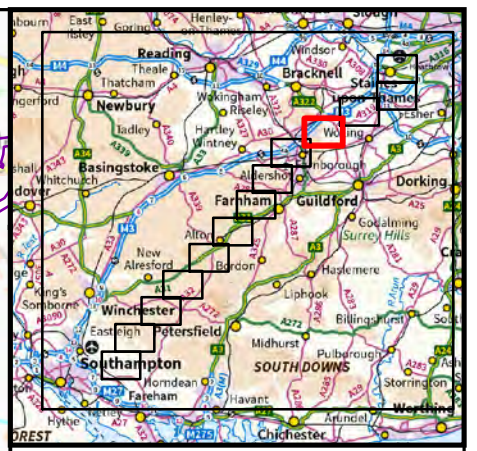
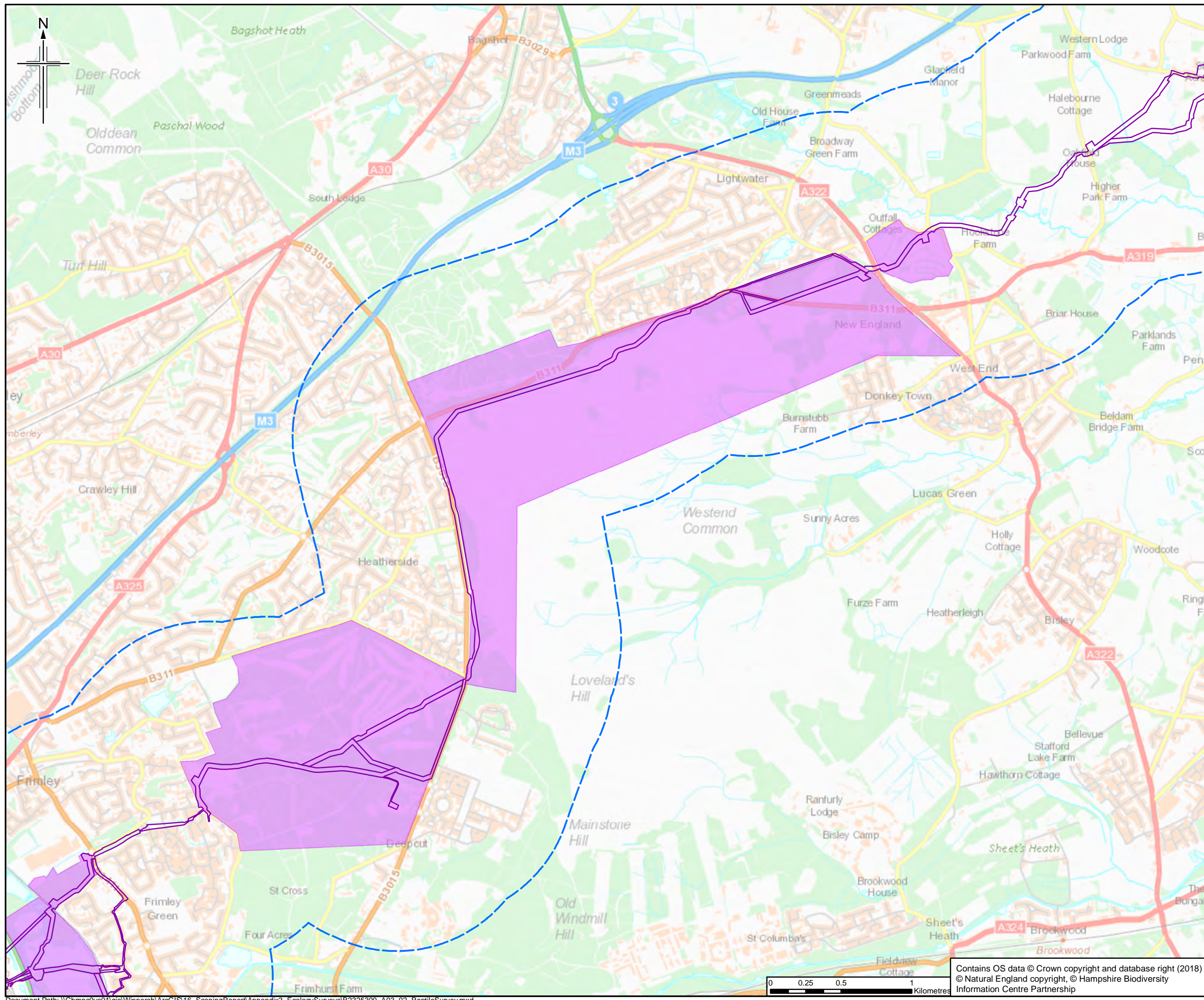
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- Legend**
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  - Order Limits 1km Buffer
  - Indicative reptile survey area

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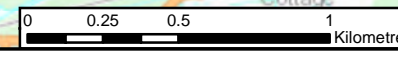
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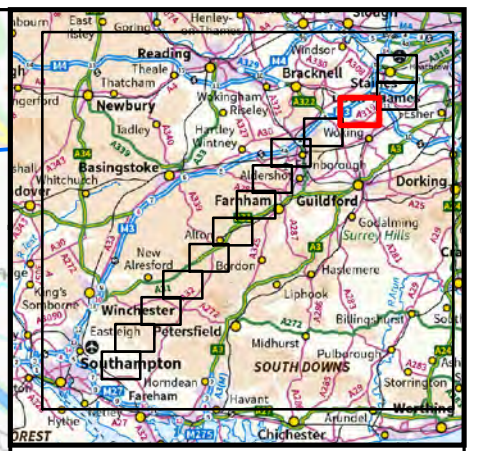
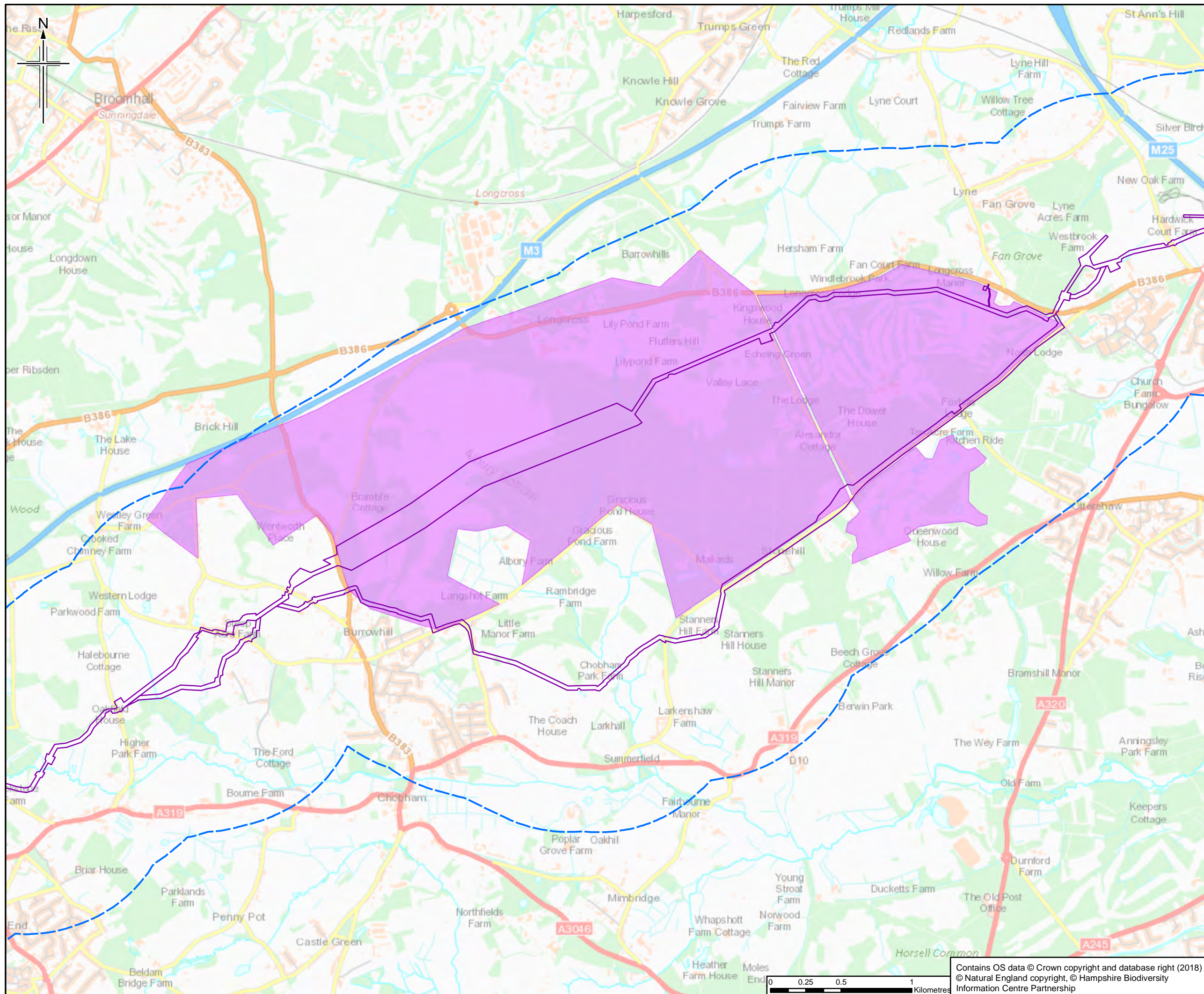
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- Legend**
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  - Indicative reptile survey area

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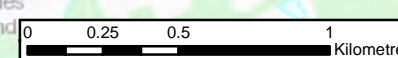
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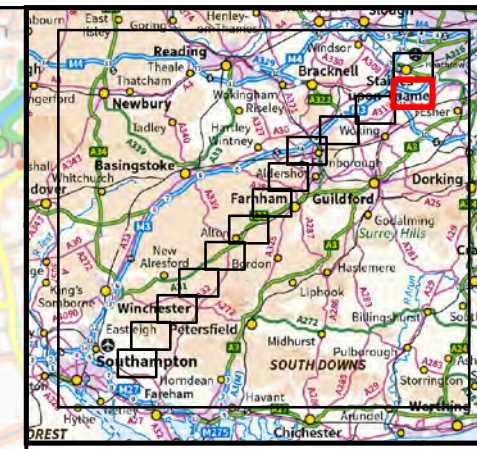
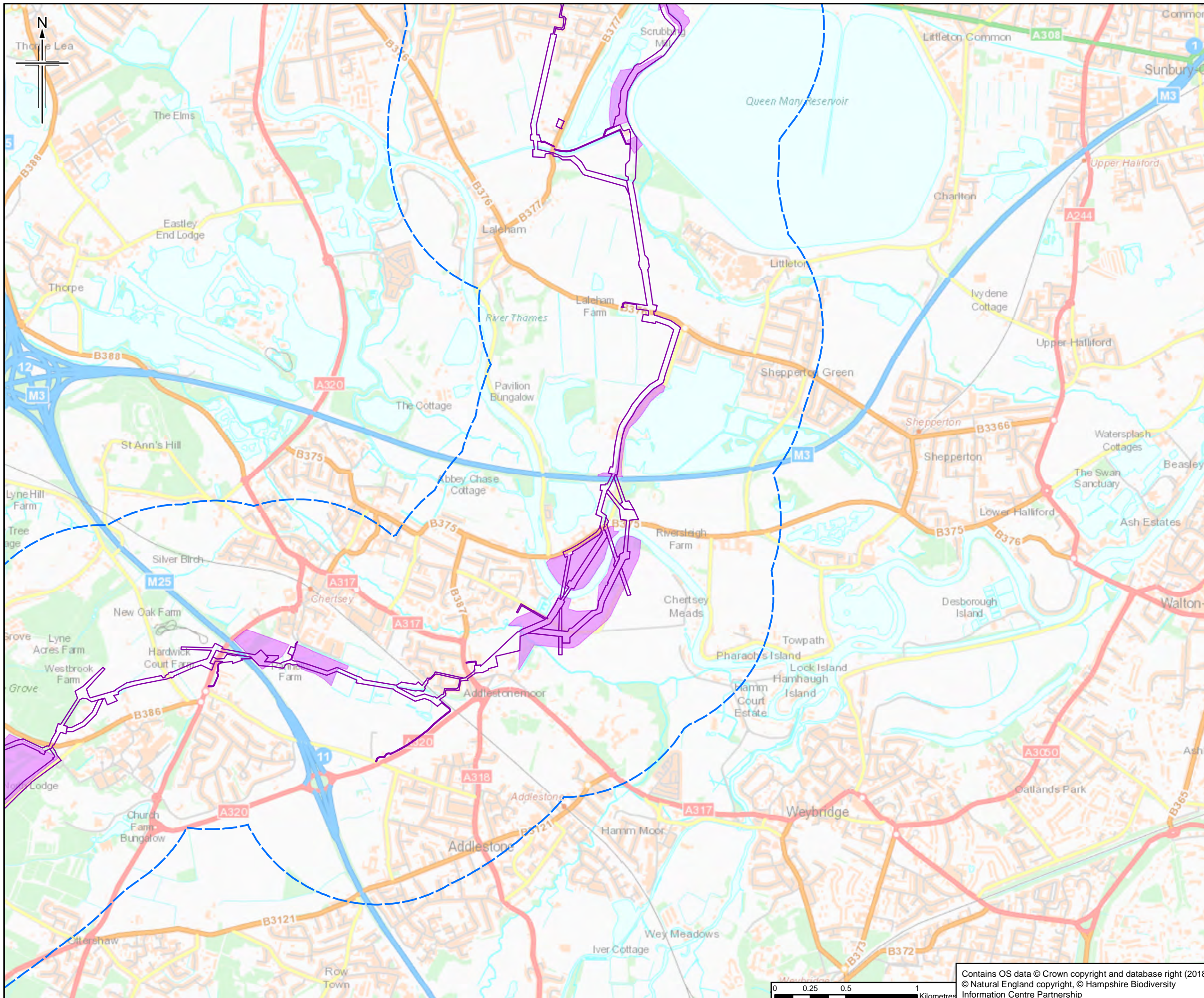


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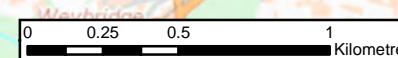
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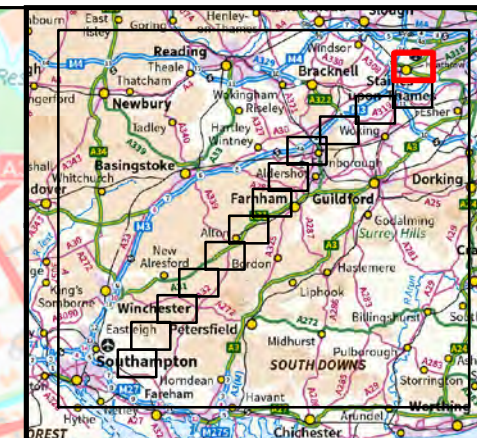
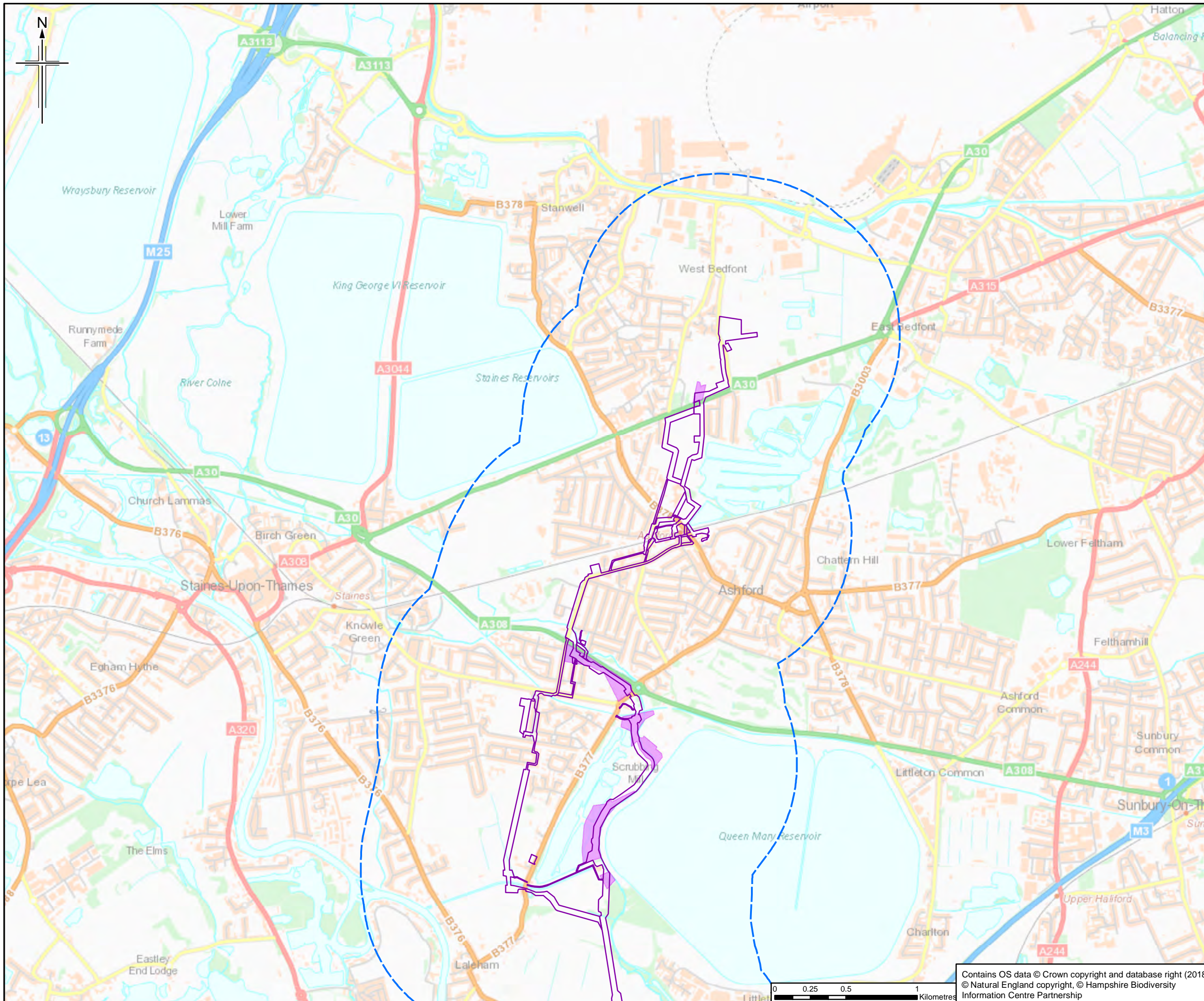
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Drawing Status	For Issue	
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Jacobs No.	B2325300	
BIM No.		

Drawing number  
 Figure A3.2 Sheet 13 of 14  
 Rev 0

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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Indicative reptile survey area

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	HM	CM	DJ	RS
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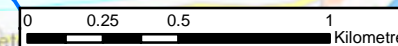
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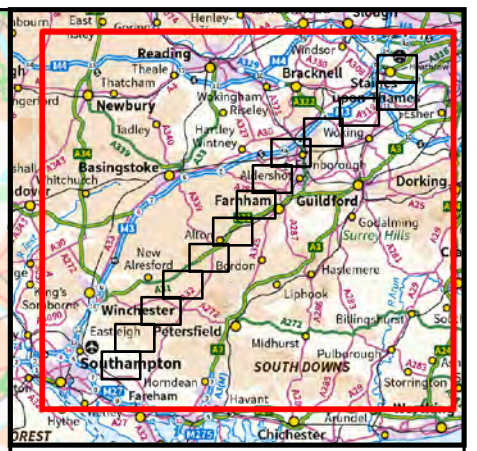
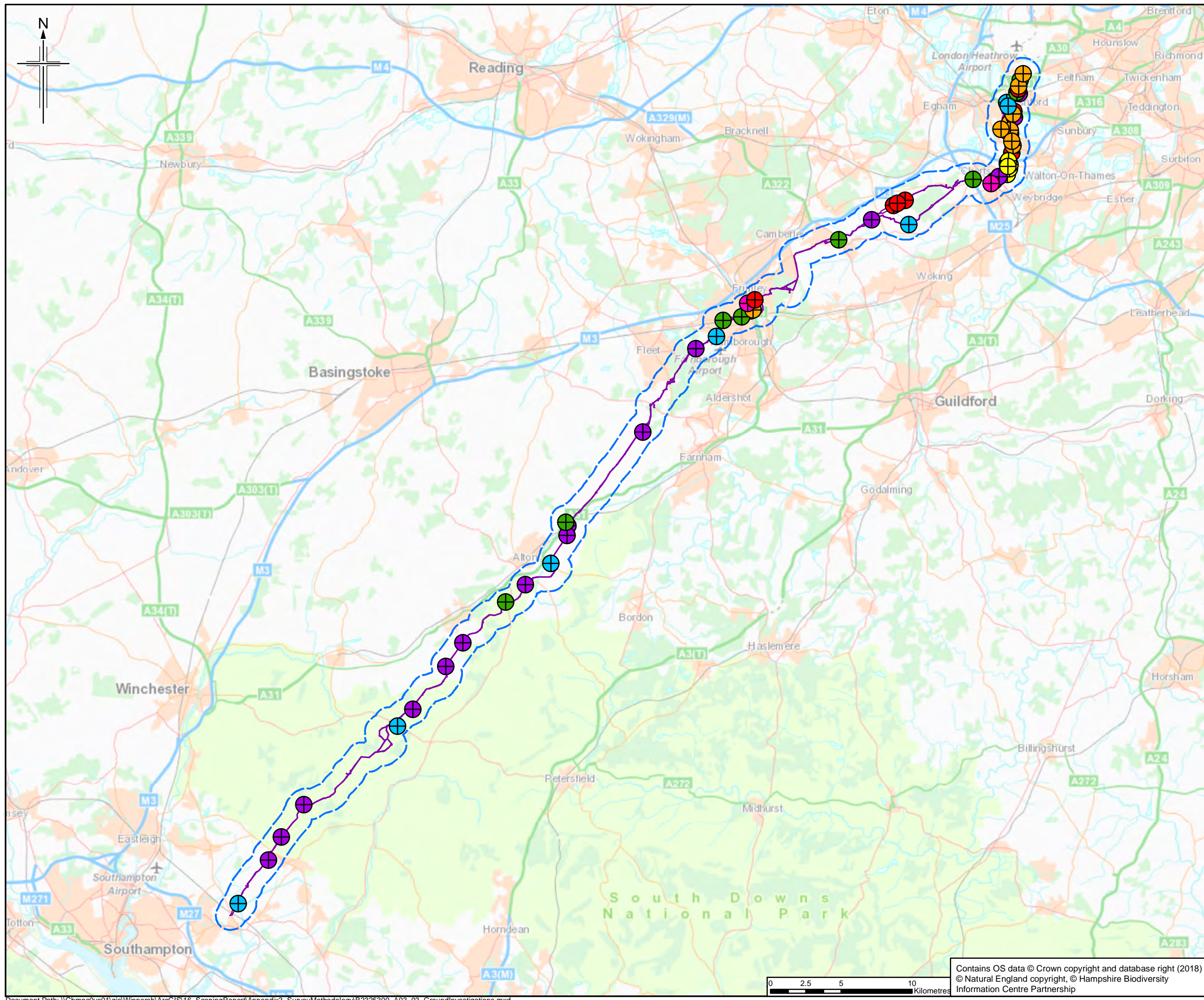
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BIM No.		
Drawing number	Figure A3.2 Sheet 14 of 14	Rev 0

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- Legend**
- Order Limits
  - Order Limits 1km Buffer
- Borehole Type**
- Geotechnical
  - Geotechnical & Hydrogeology
  - Hydrogeology
  - Land Quality
  - Land Quality & Geotechnical
  - Land Quality & Hydrogeology
  - Land Quality, Geotechnical & Hydrogeology

See Sheets 2 to 14 for details. The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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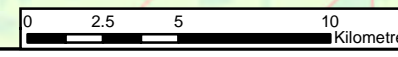
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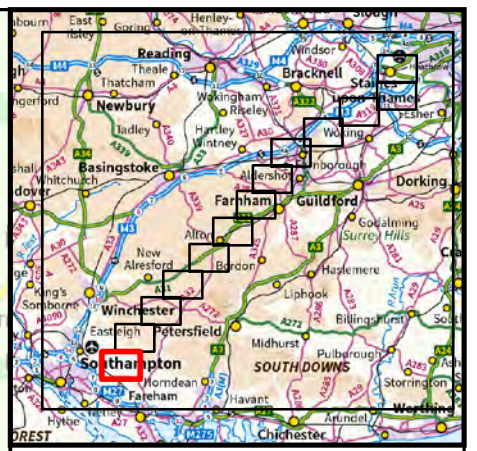
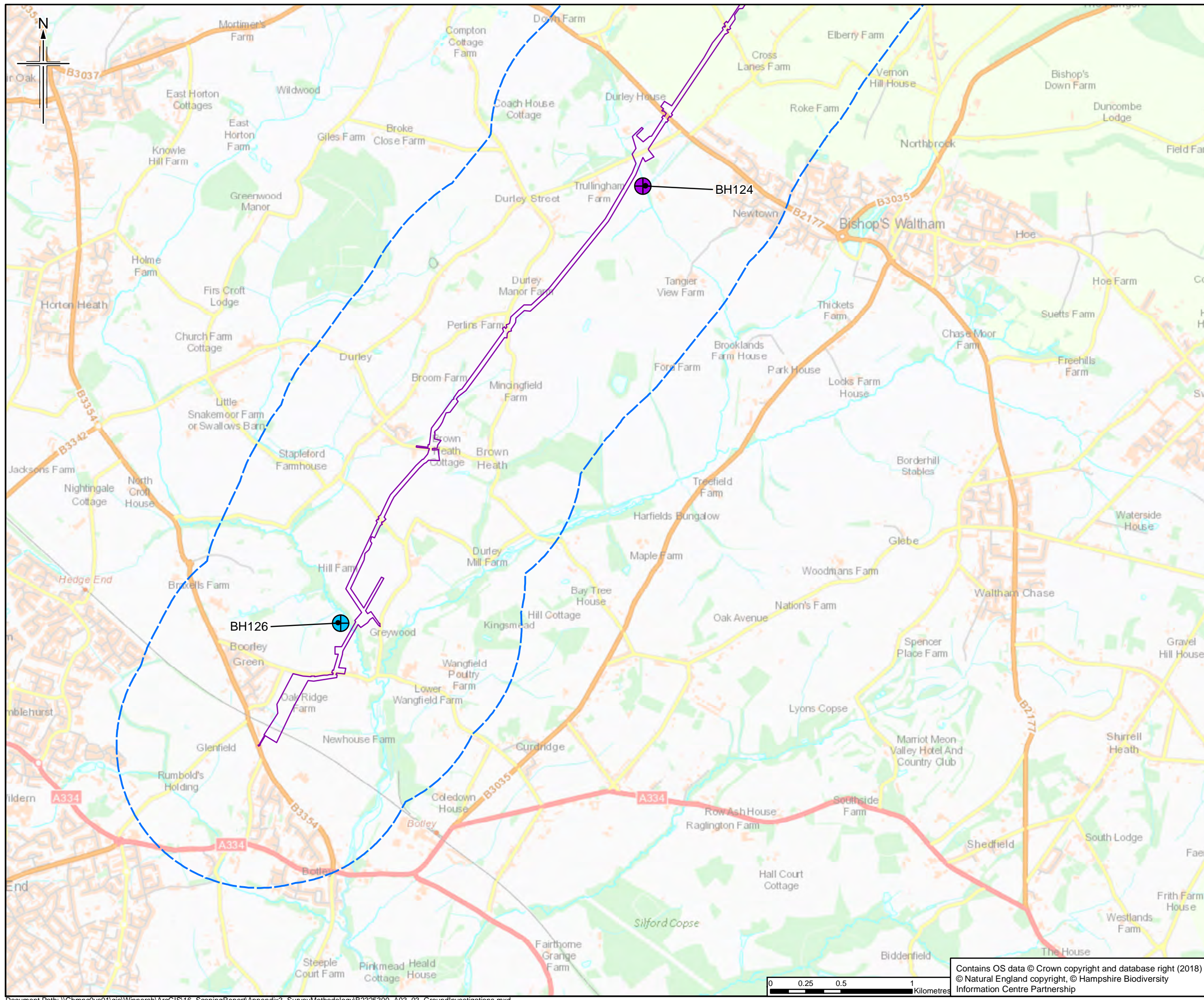
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
- Borehole Type**
- ⊕ Geotechnical & Hydrogeology
  - ⊕ Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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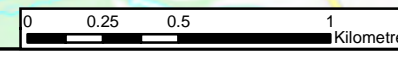
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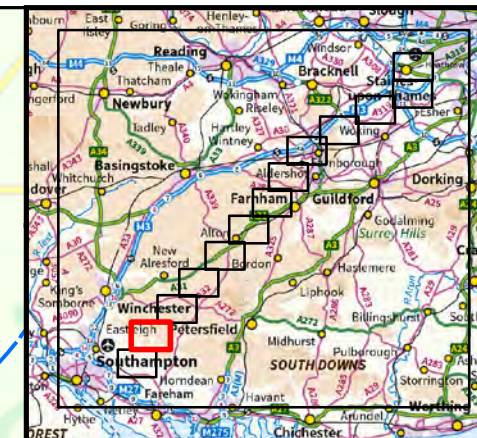
Project  
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Drawing title  
**GROUND INVESTIGATION BOREHOLE LOCATIONS**

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Drawing number	Figure A3.3 Sheet 2 of 14	Rev 0

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- Legend**
- Order Limits
  - Order Limits 1km Buffer
  - Borehole Type**
  - Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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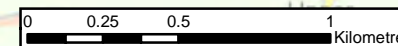
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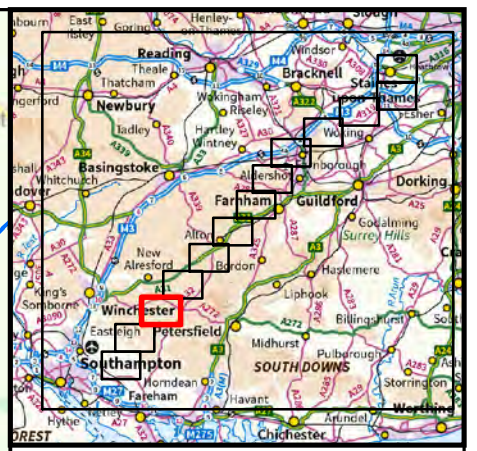
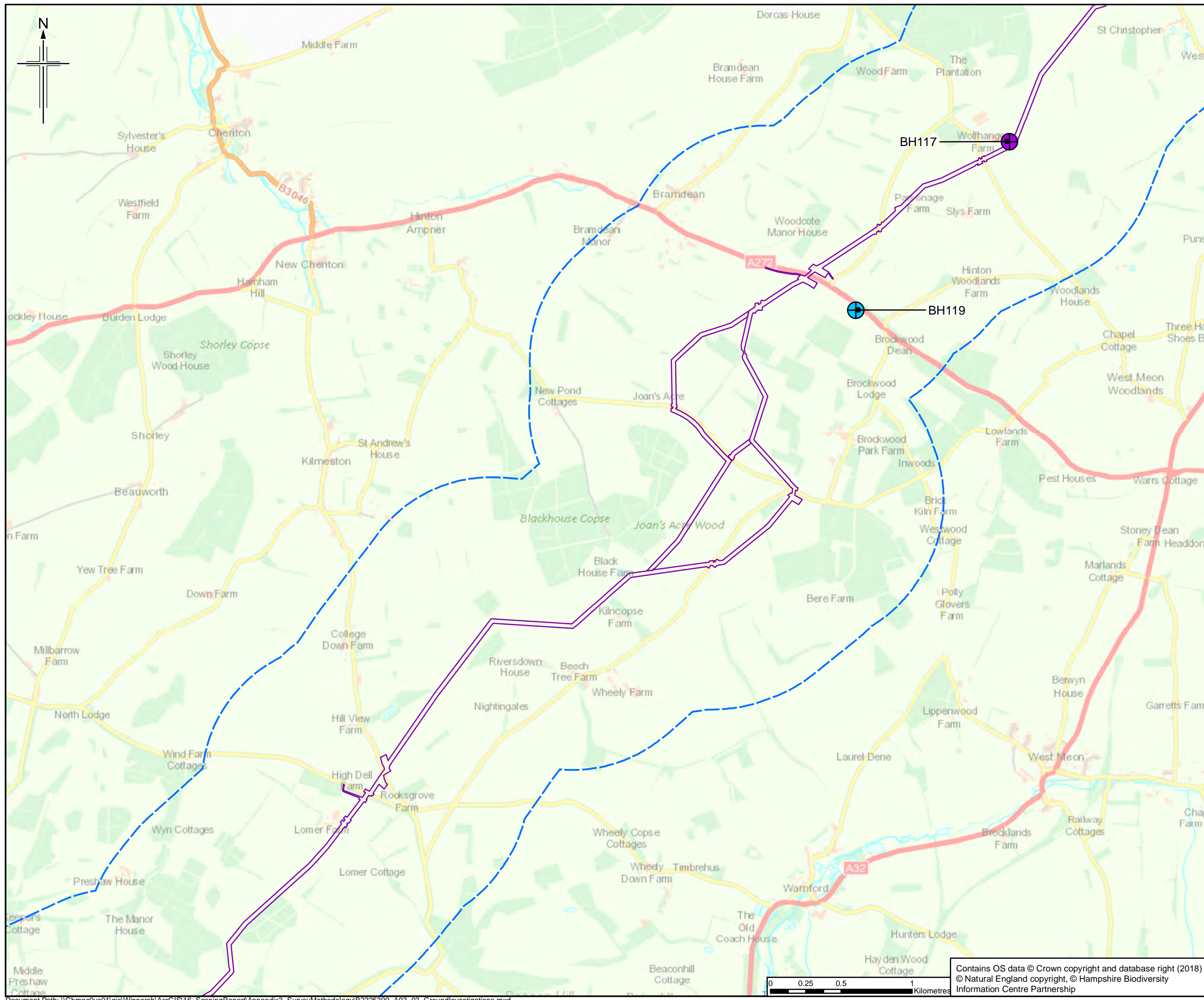
Project  
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Drawing title  
**GROUND INVESTIGATION BOREHOLE LOCATIONS**

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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
  - ⊕ Borehole Type
  - ⊕ Geotechnical & Hydrogeology
  - ⊕ Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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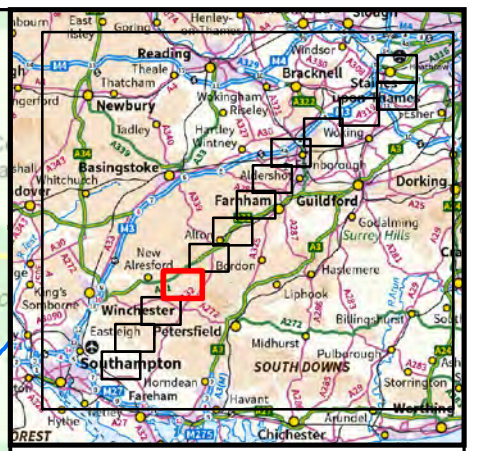
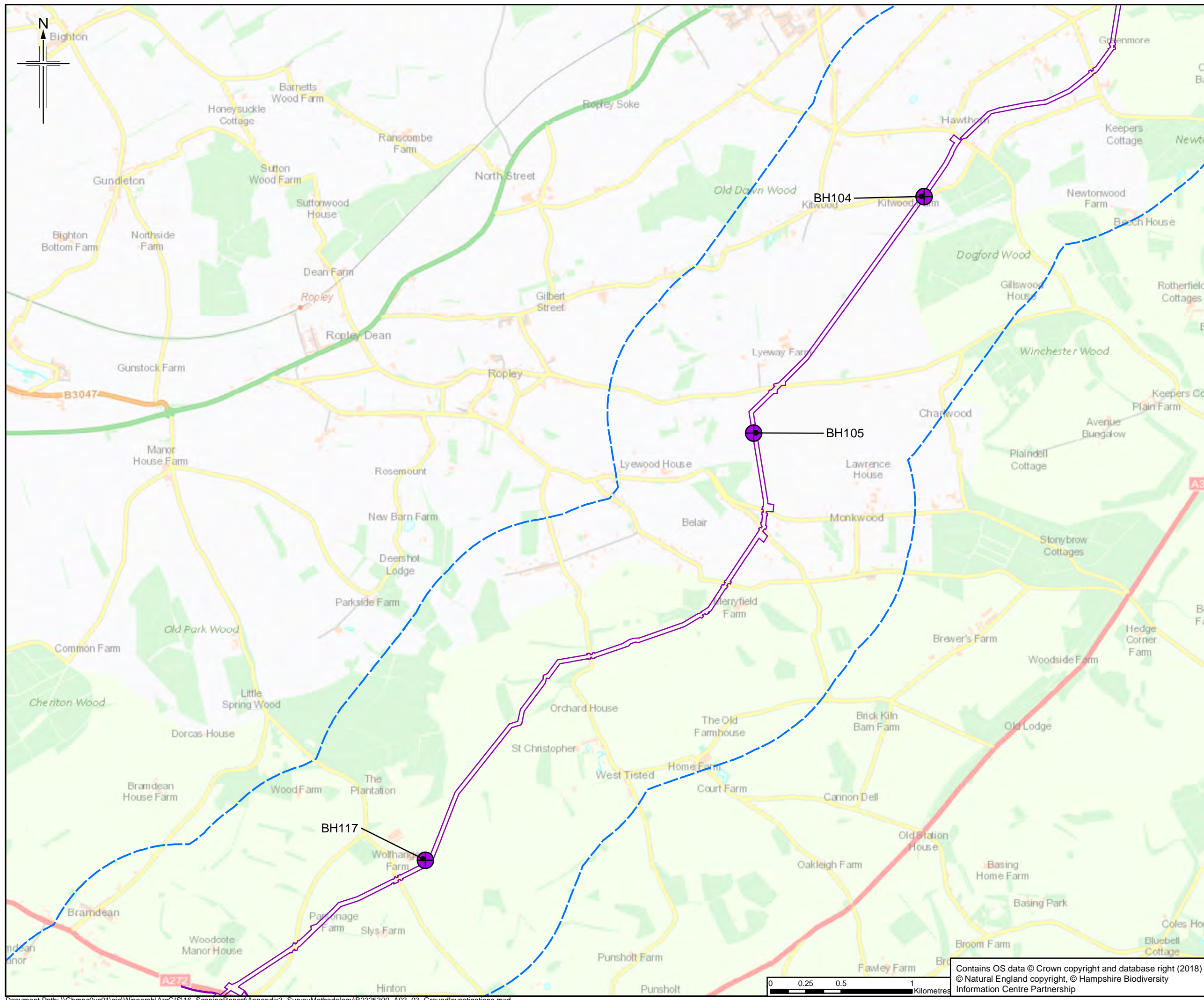
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**GROUND INVESTIGATION BOREHOLE LOCATIONS**

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- Legend**
- Order Limits
  - Order Limits 1km Buffer
- Borehole Type**
- Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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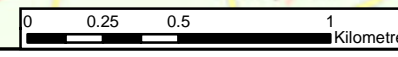
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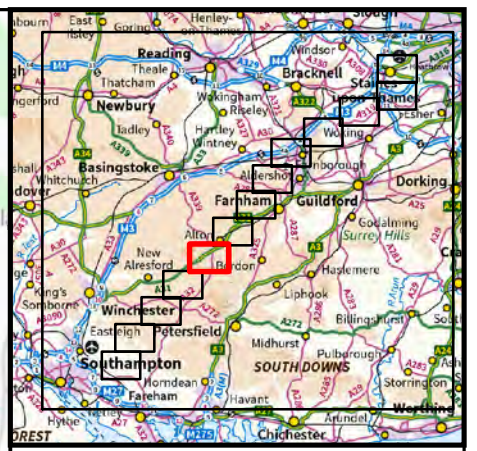
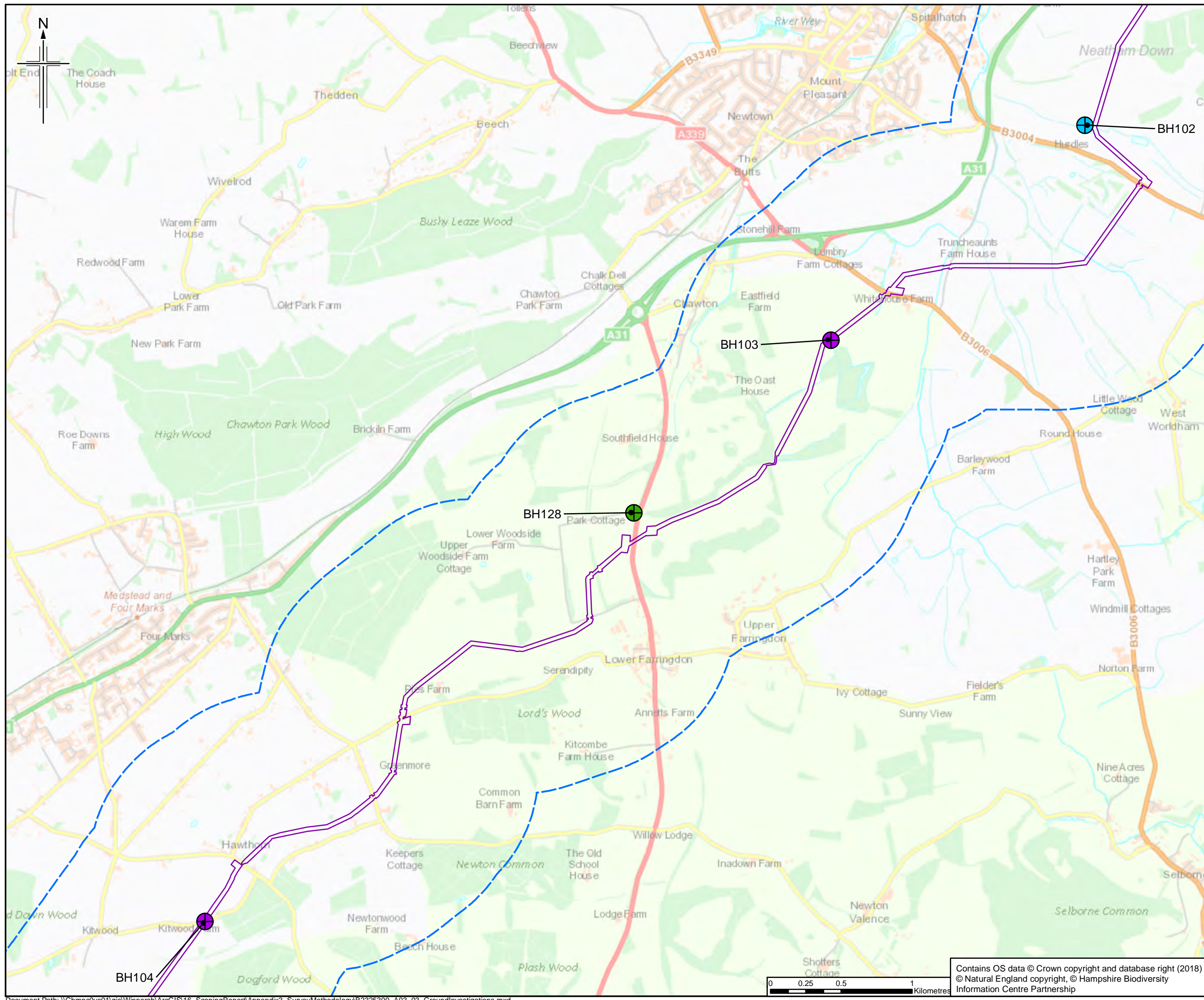
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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
- Borehole Type**
- Geotechnical
  - ⊕ Geotechnical & Hydrogeology
  - ⊕ Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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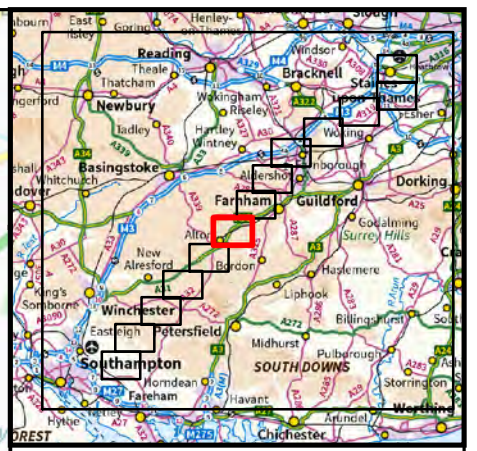
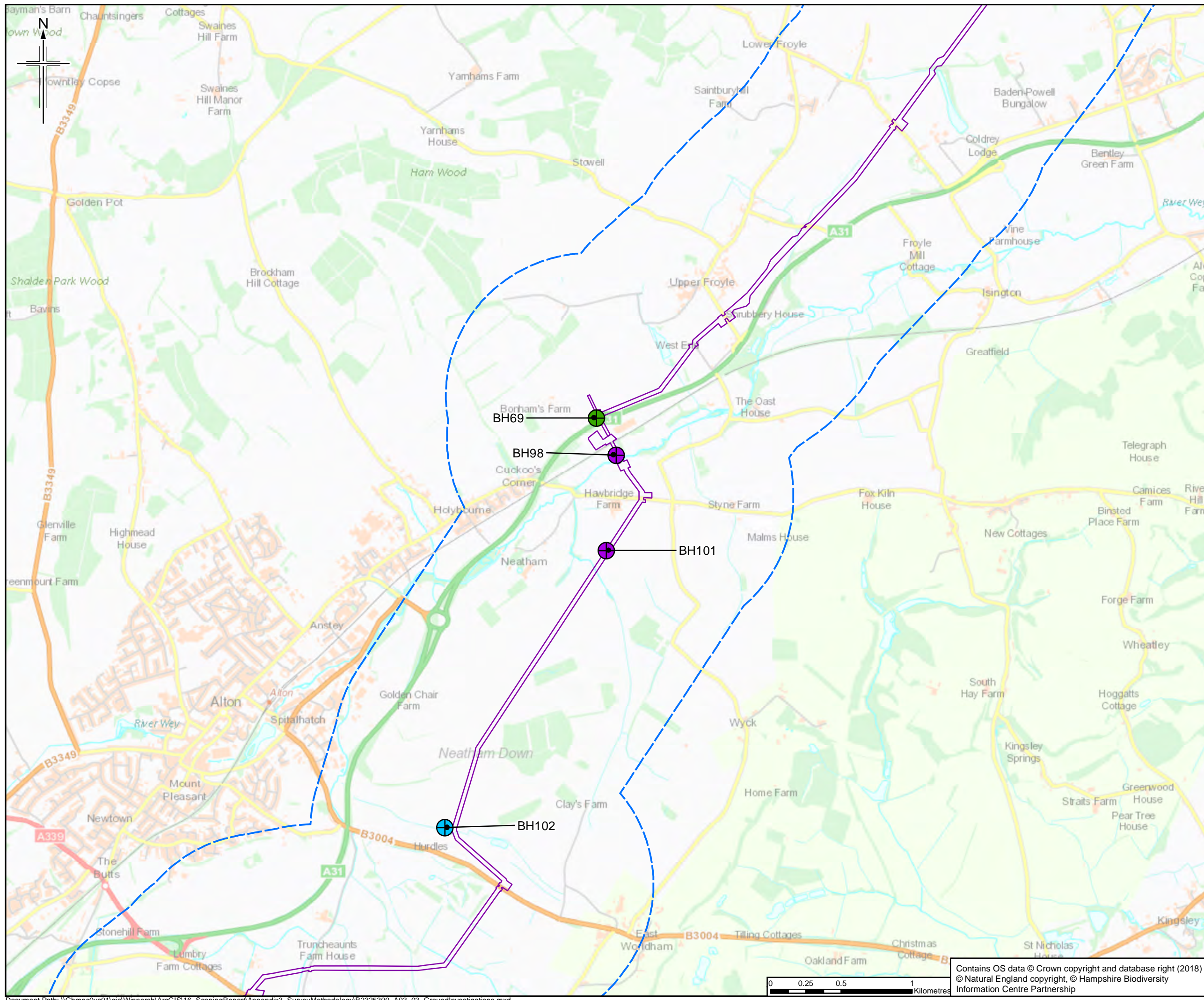
Project  
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Drawing title  
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Drawing number  
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
- Borehole Type**
- Geotechnical
  - ⊕ Geotechnical & Hydrogeology
  - ⊕ Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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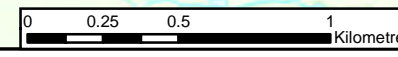
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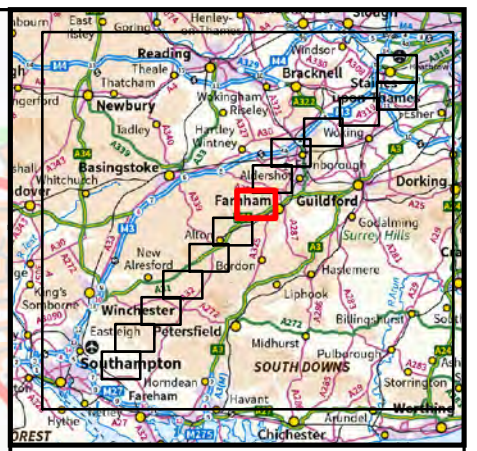
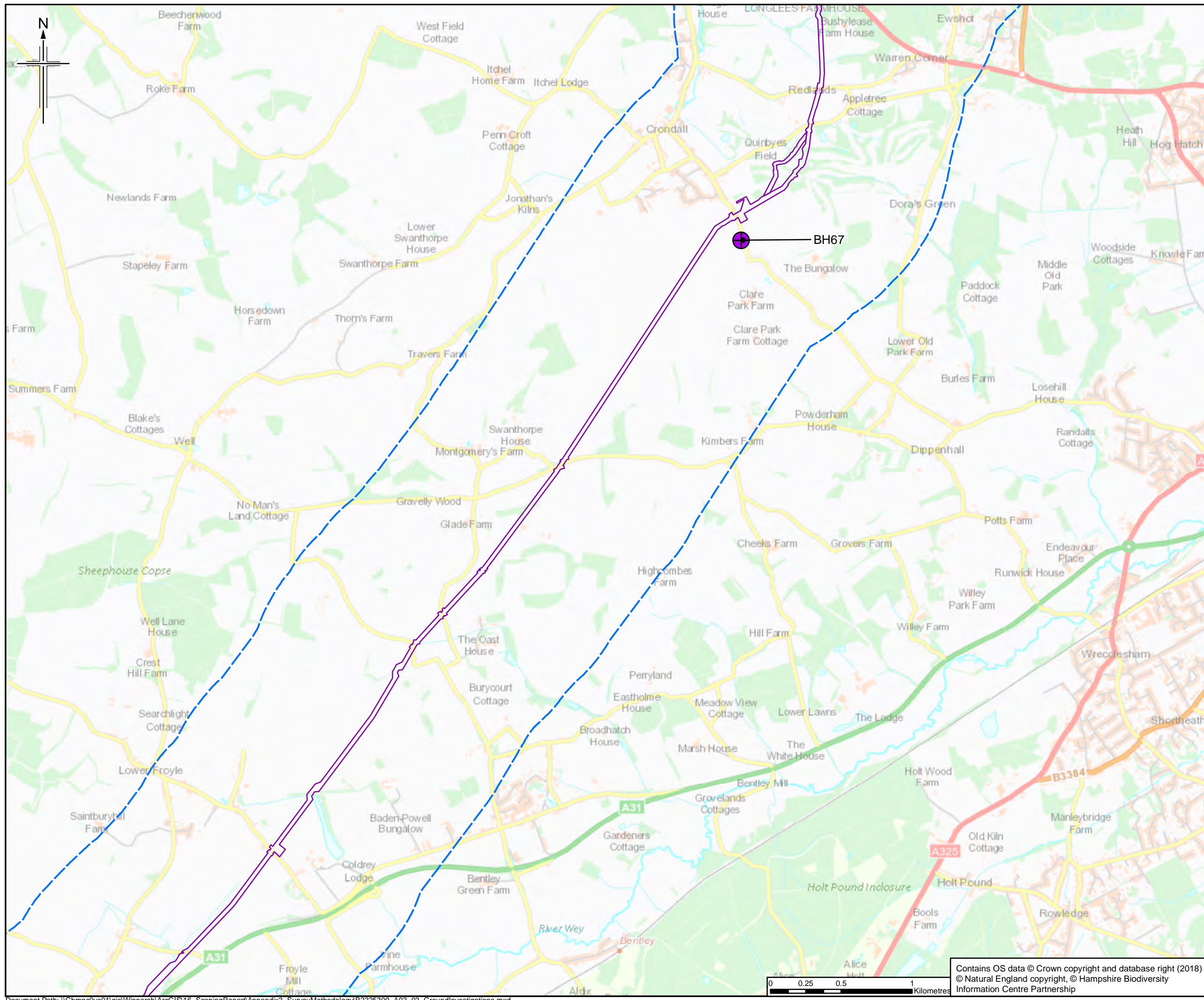


Drawing title  
**GROUND INVESTIGATION BOREHOLE LOCATIONS**

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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
- Borehole Type**
- ⊗ Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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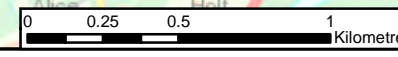
Project  
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Drawing title  
**GROUND INVESTIGATION BOREHOLE LOCATIONS**

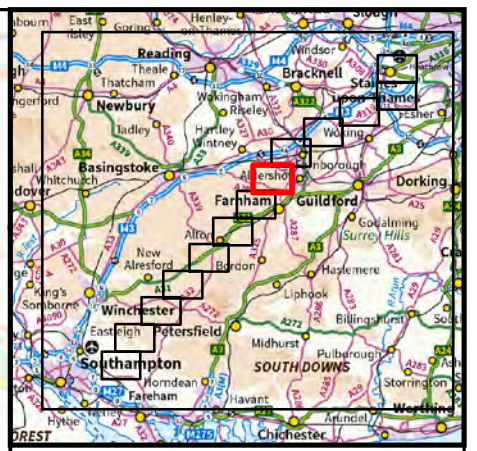
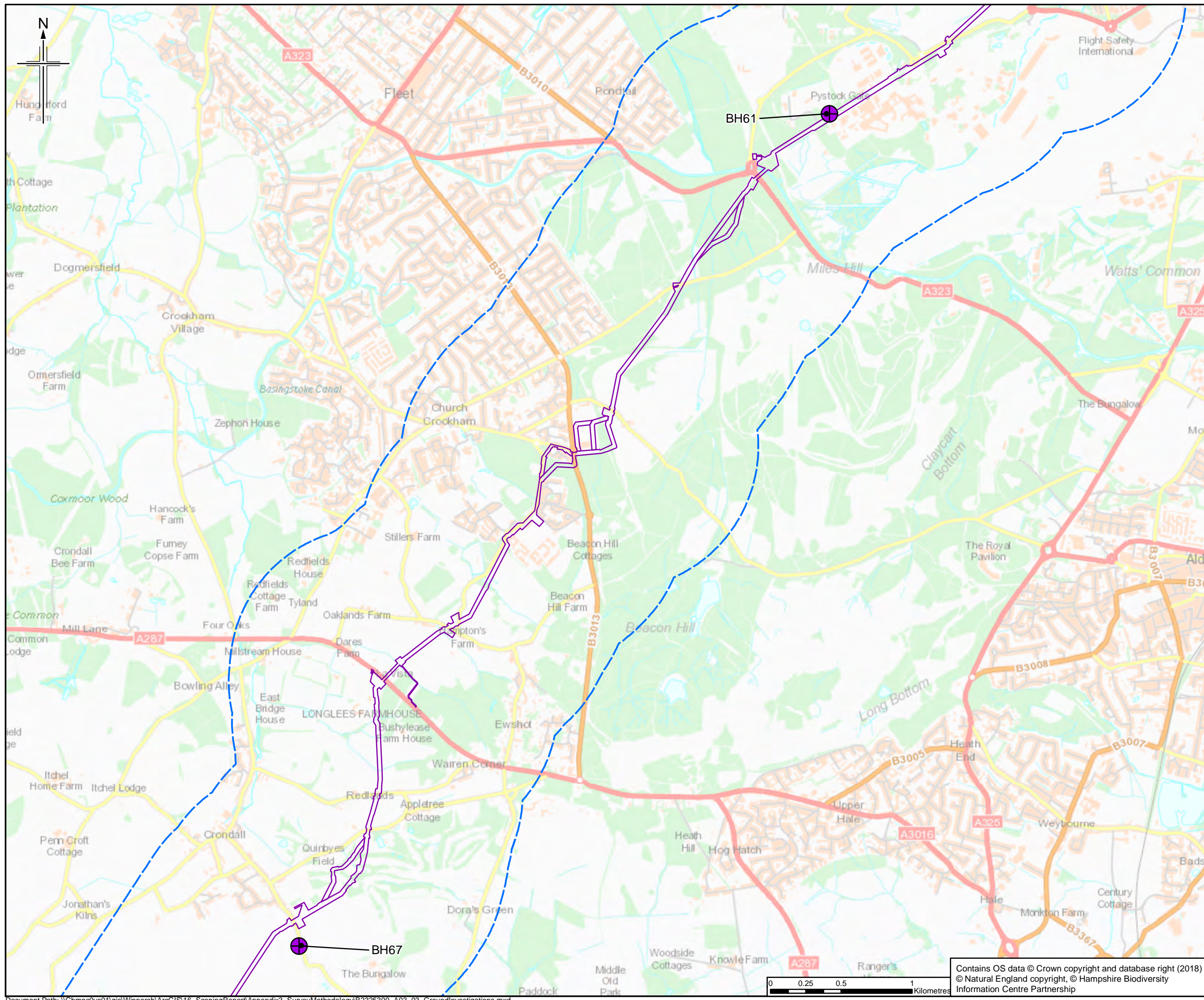
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
- Borehole Type**
- Hydrogeology

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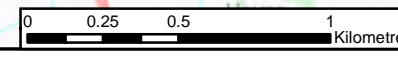
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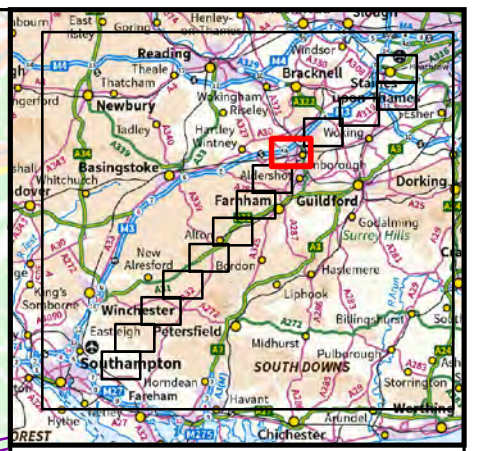
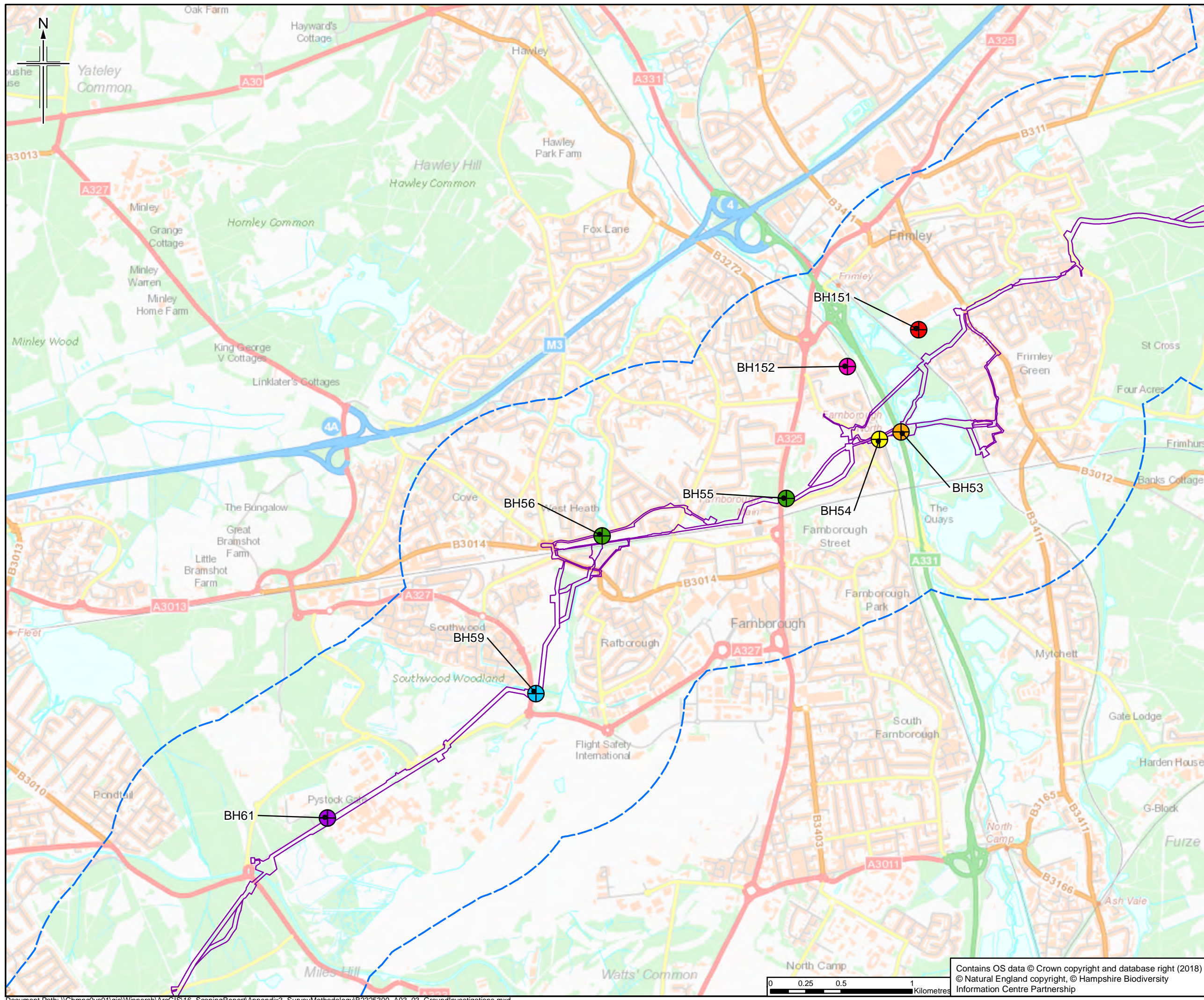
Project  
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Drawing title  
**GROUND INVESTIGATION BOREHOLE LOCATIONS**

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- Legend**
- Order Limits
  - Order Limits 1km Buffer
- Borehole Type**
- Geotechnical
  - Geotechnical & Hydrogeology
  - Hydrogeology
  - Land Quality
  - Land Quality & Geotechnical
  - Land Quality & Hydrogeology
  - Land Quality, Geotechnical & Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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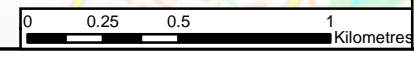
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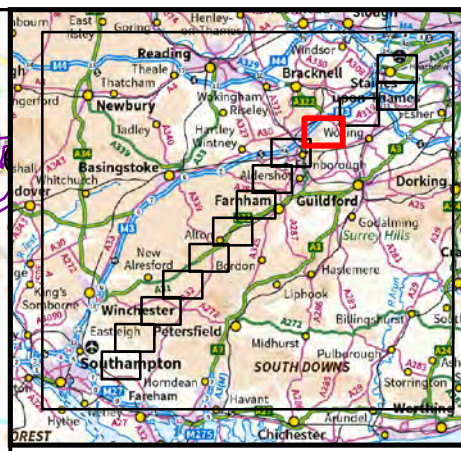
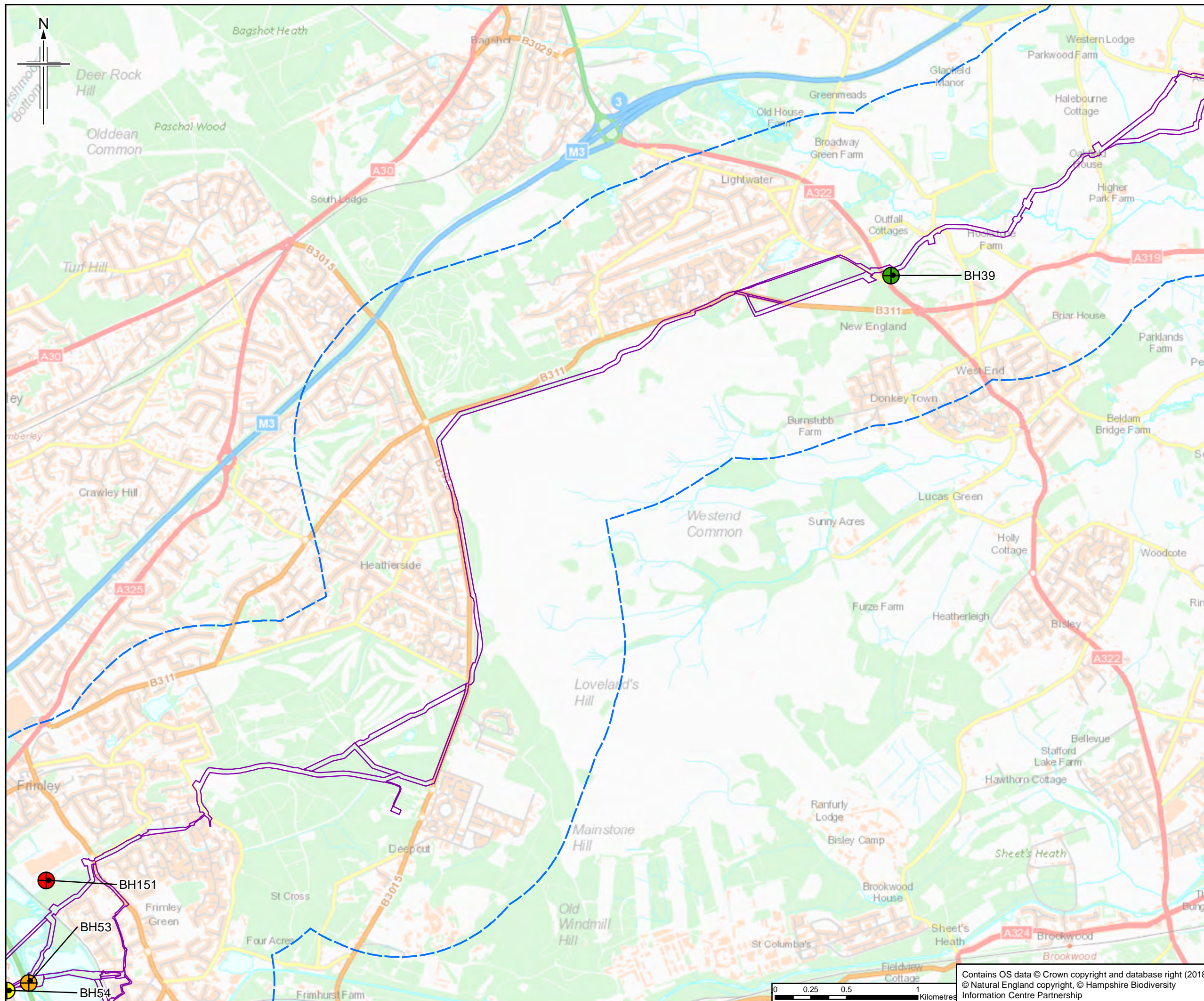
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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer
  - Borehole Type**
  - Geotechnical
  - Hydrogeology
  - Land Quality
  - Land Quality & Geotechnical
  - Land Quality & Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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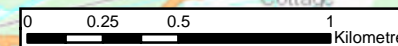
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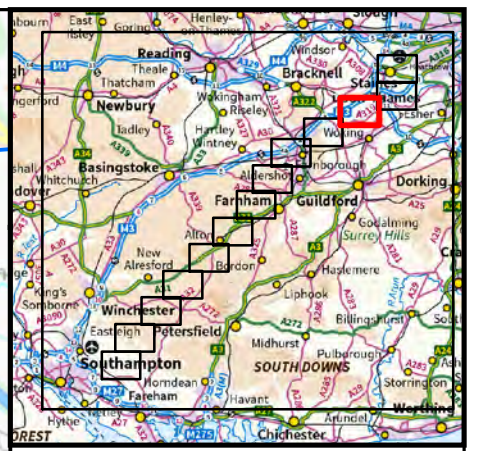
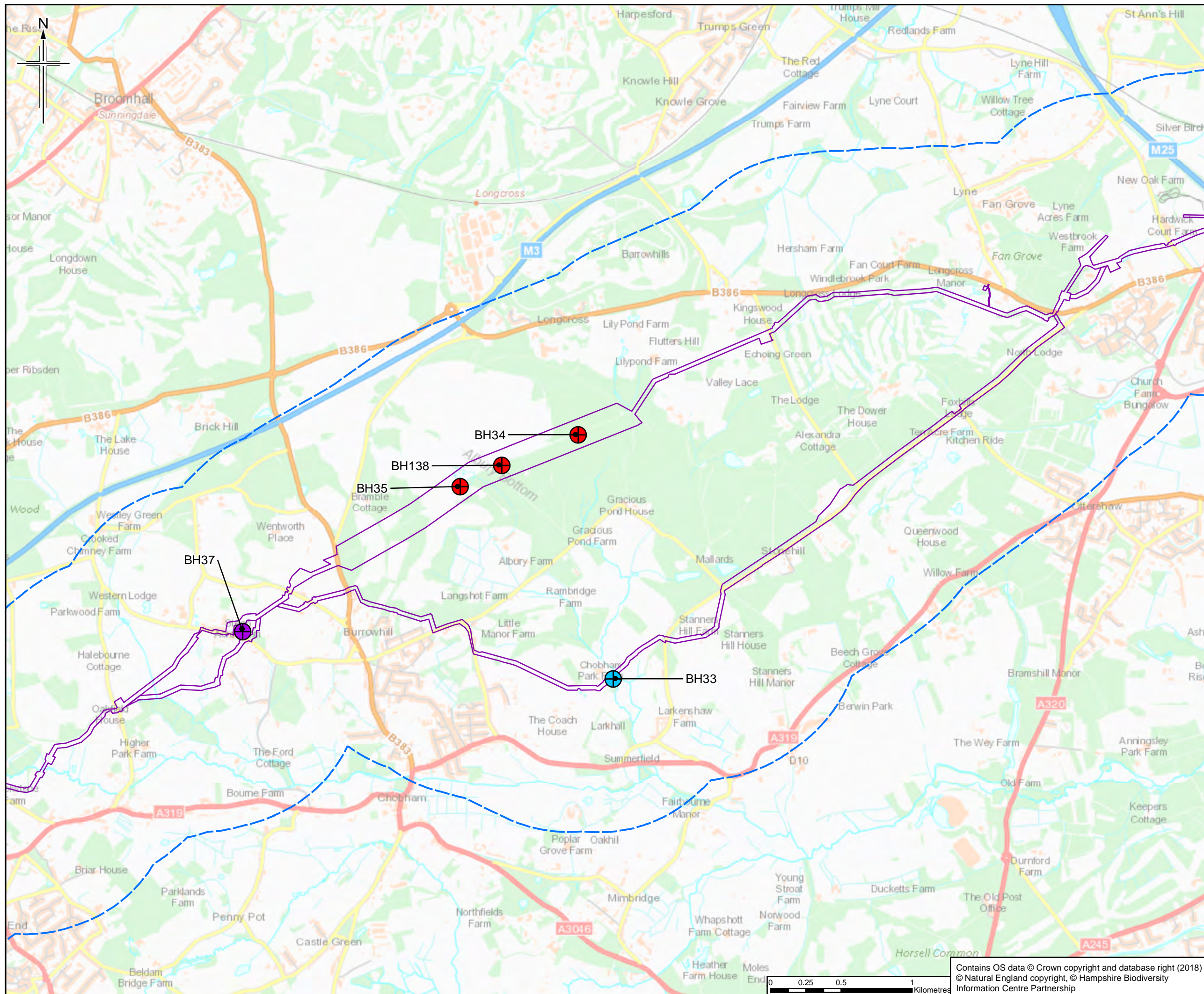
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- Legend**
- Order Limits
  - Order Limits 1km Buffer
- Borehole Type**
- Geotechnical & Hydrogeology
  - Hydrogeology
  - Land Quality & Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Rev. Date	For Issue	LM	CM	DJ	RS
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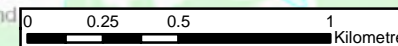
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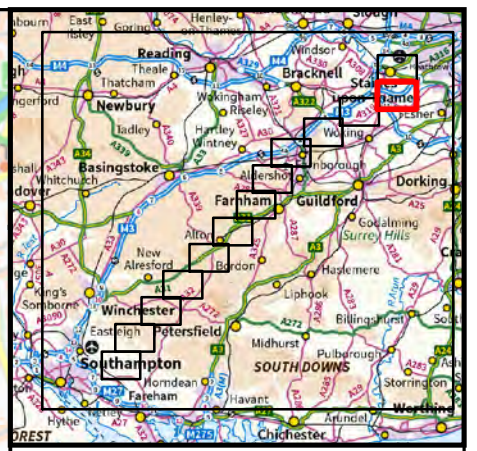


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**GROUND INVESTIGATION BOREHOLE LOCATIONS**

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**Legend**

- Order Limits
- Order Limits 1km Buffer

**Borehole Type**

- Geotechnical
- Hydrogeology
- Land Quality
- Land Quality & Geotechnical
- Land Quality & Hydrogeology
- Land Quality, Geotechnical & Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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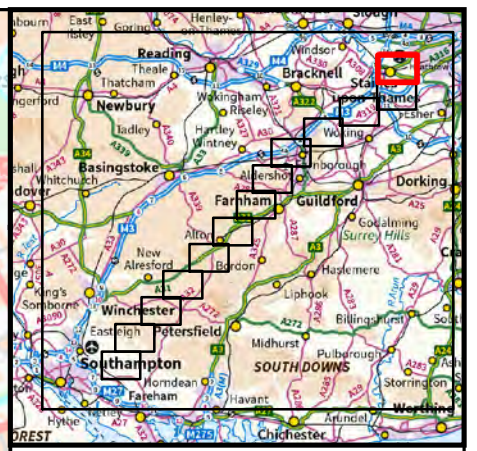
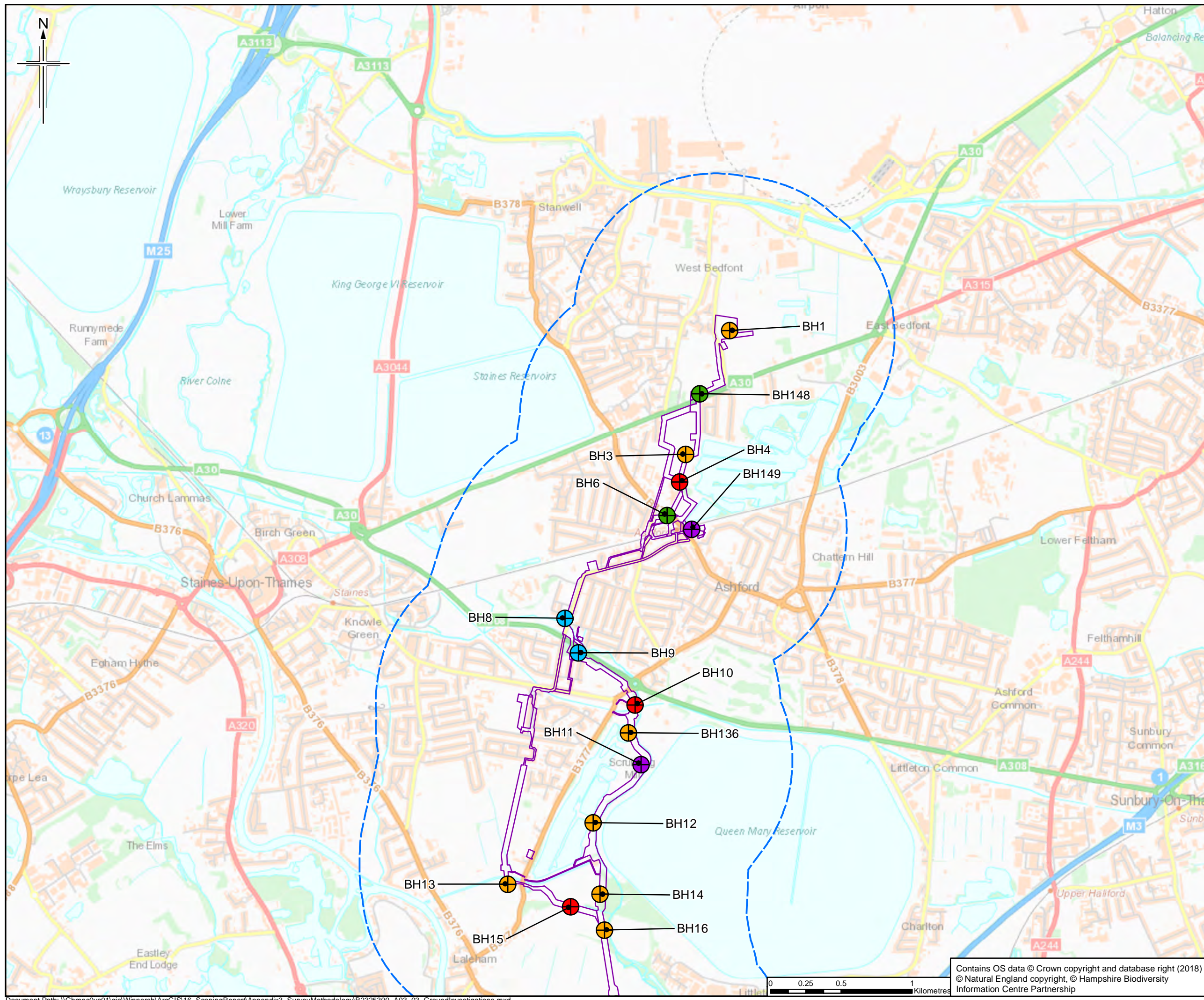
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Drawing title  
**GROUND INVESTIGATION BOREHOLE LOCATIONS**

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BIM No.		
Drawing number	Figure A3.3 Sheet 13 of 14	Rev 0

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- Legend**
- Order Limits
  - - - Order Limits 1km Buffer

**Borehole Type**

  - Geotechnical
  - Geotechnical & Hydrogeology
  - Hydrogeology
  - Land Quality
  - Land Quality & Hydrogeology

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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		Purpose of revision	OngDwn	Checked	Rev'd	Apprv'd

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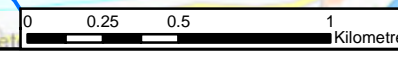
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Drawing number	Figure A3.3 Sheet 14 of 14	Rev 0

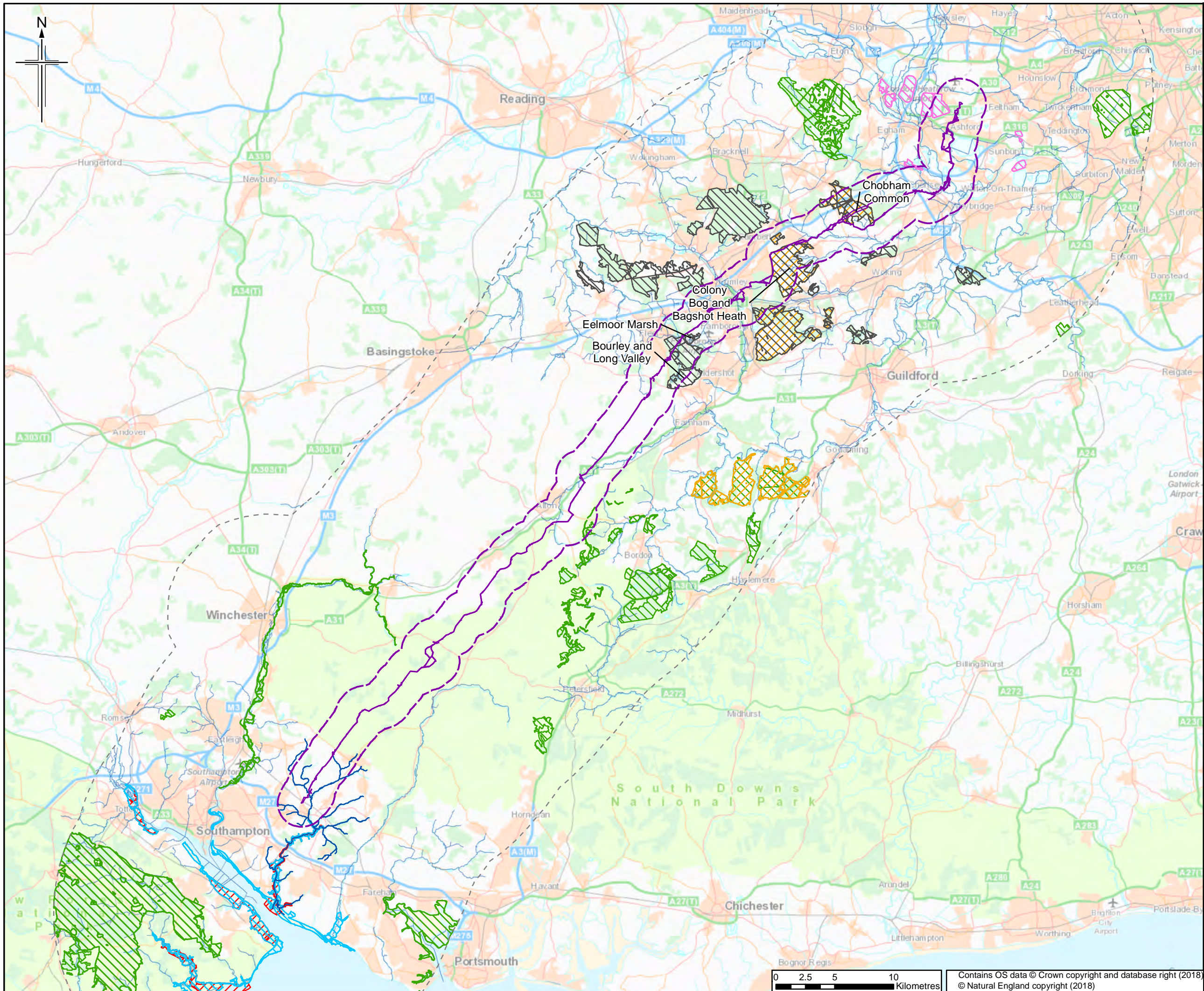
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**Appendix 4**  
Figures

Scoping Report Volume 2





- Legend**
- Order Limits
  - Order Limits 2km Buffer
  - Wider study area
  - Solent & Southampton Water SPA/Ramsar site
  - Solent Maritime SAC
  - South West London Waterbodies SPA/Ramsar site
  - Thames Basin Heaths SPA
  - Thursley, Ash, Pirbright & Chobham SAC
  - Other European site
  - River Hamble and tributaries
  - Other watercourses

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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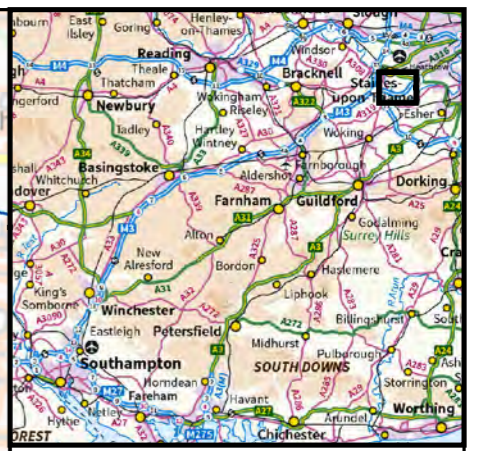
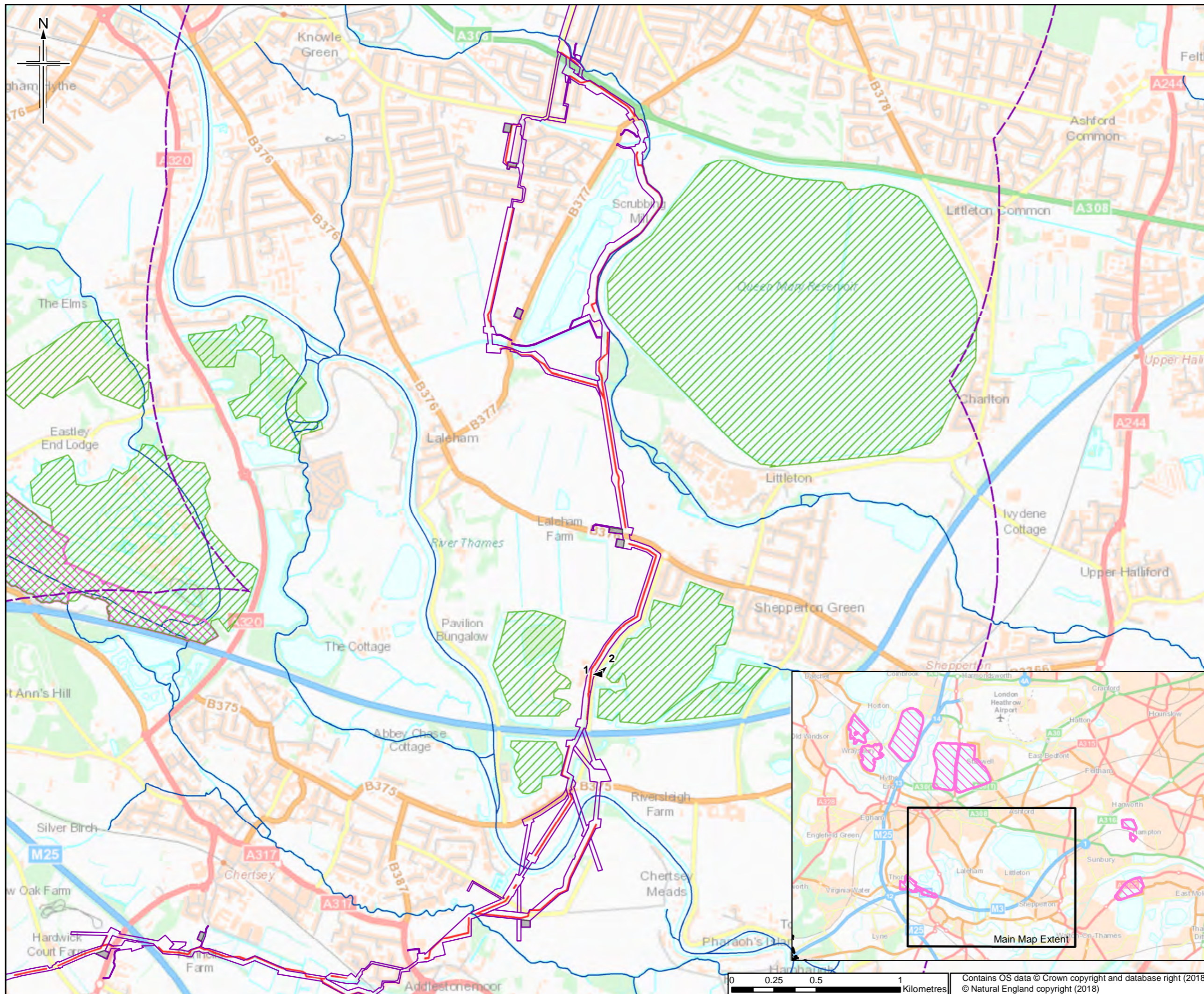


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**Figure A4.1  
HRA Screening Report  
Overview**

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- Legend**
- Order Limits
  - Construction Compound
  - Haul Road
  - Order Limits 2km Buffer
  - ▲ Site Visit Photo
  - South West London Waterbodies SPA/Ramsar site
  - Important Bird Area
  - Main River

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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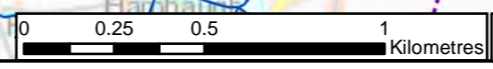
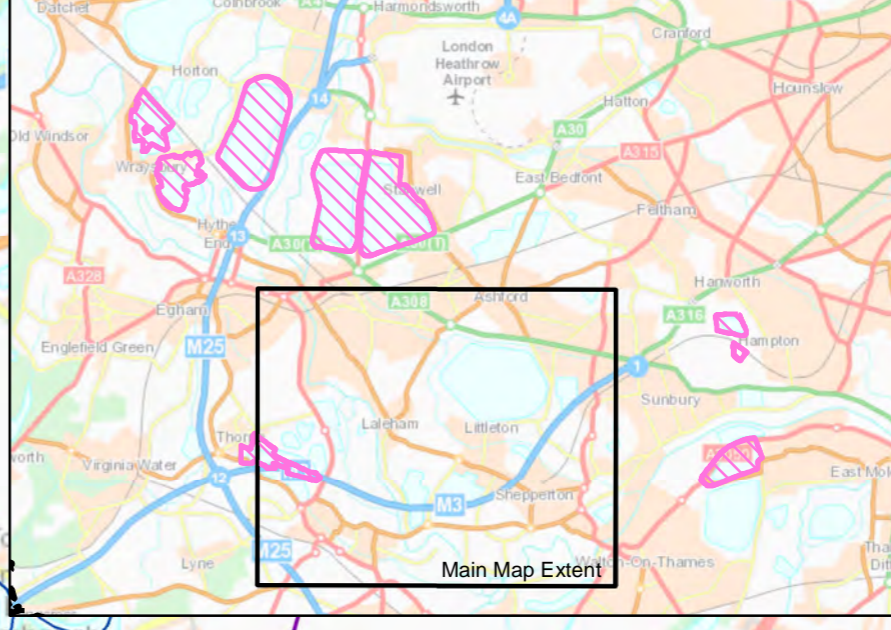
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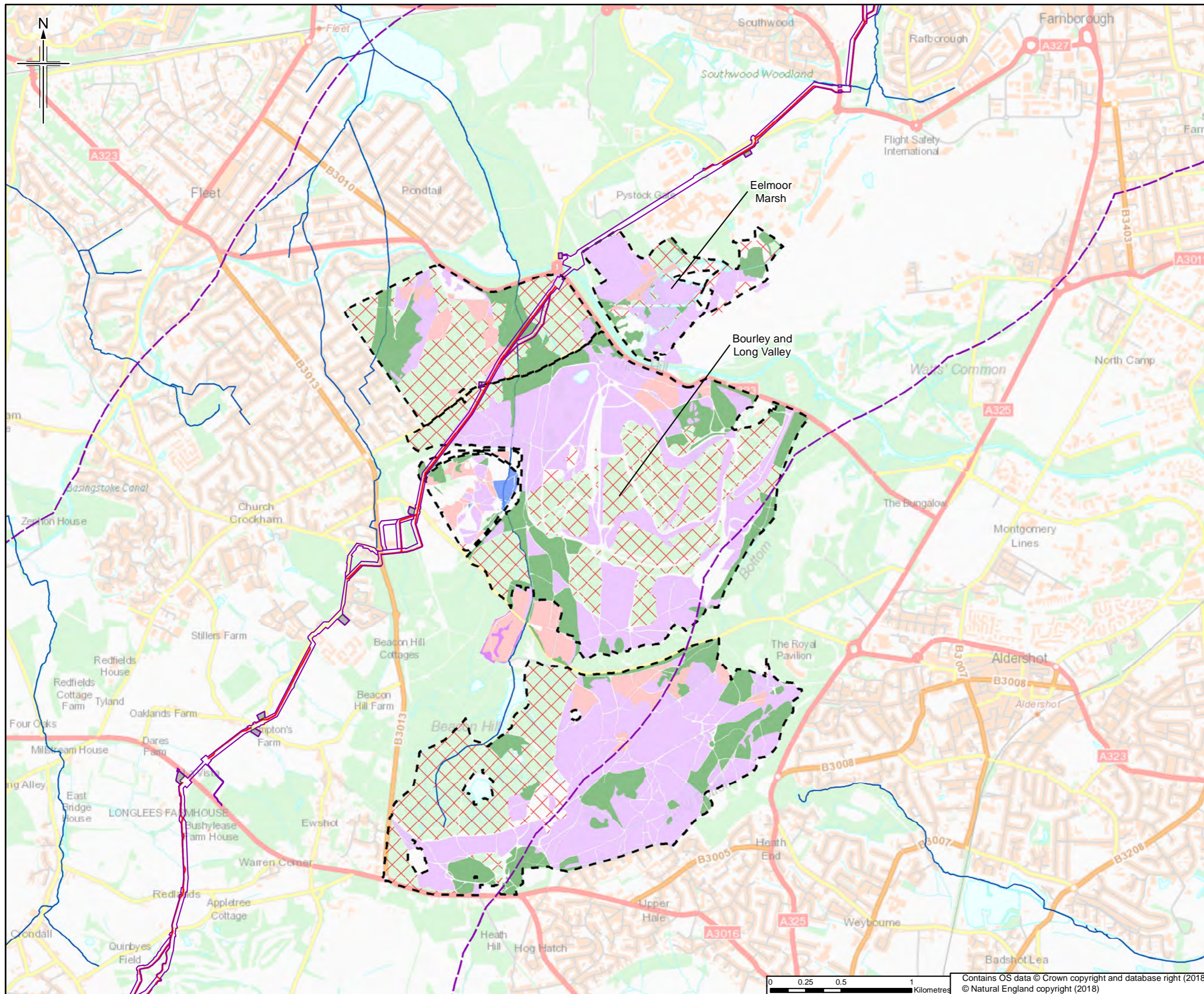
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Drawing title  
**Figure A4.2  
 HRA Screening Report  
 Littleton Lane  
 Reservoirs**

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- Legend**
- Order Limits
  - Order Limits 2km Buffer
  - Construction Compound
  - Haul Road
  - Thames Basin Heaths SPA
  - Main River
- Priority Habitats**
- Coastal and floodplain grazing marsh
  - Deciduous woodland
  - Good quality semi-improved grassland
  - Lowland dry acid grassland
  - Lowland heathland
  - No main habitat but additional habitats present

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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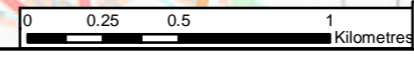
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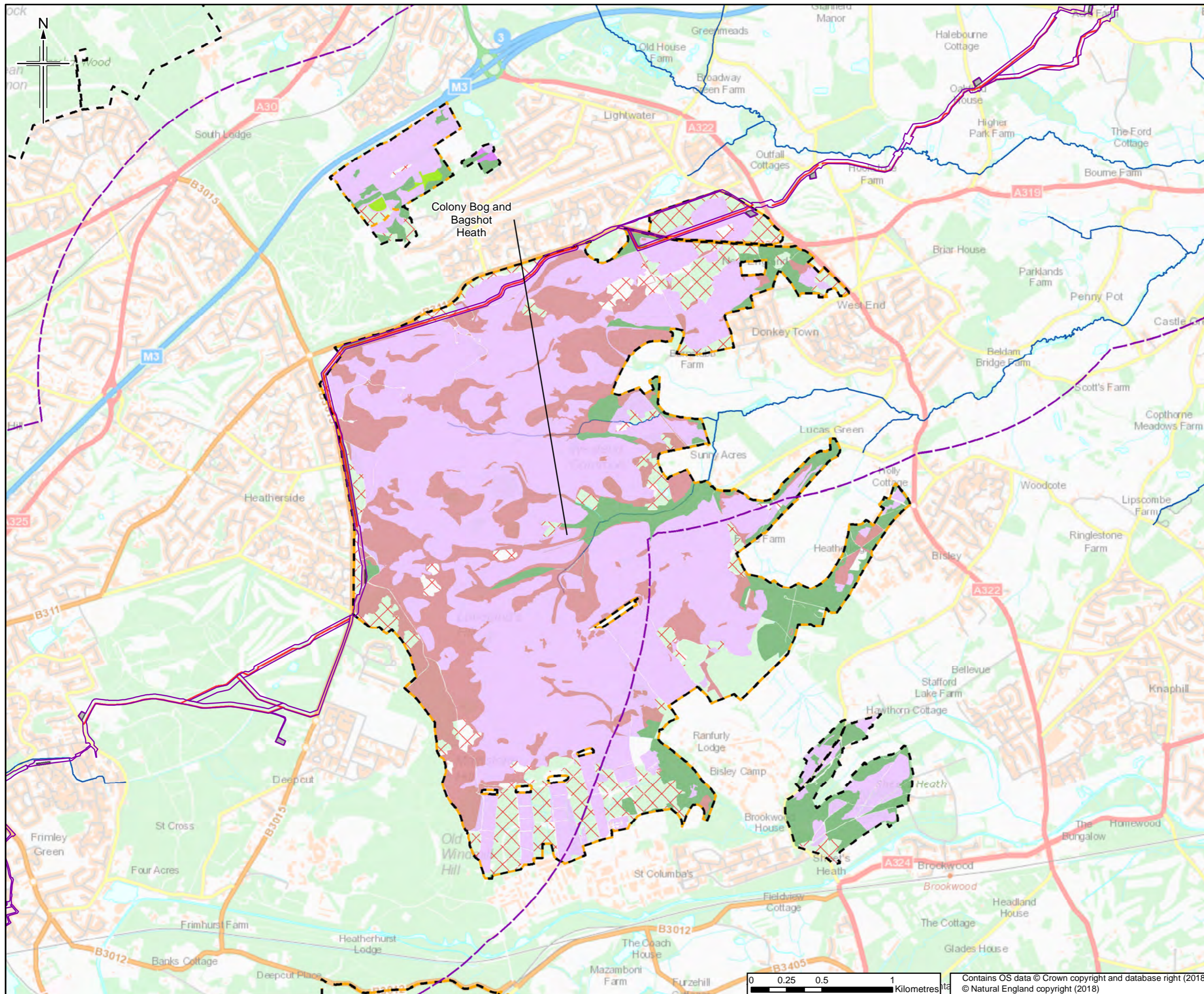
Drawing title  
 Figure A4.3  
 HRA Screening Report  
 Bourley and Long Valley SSSI

Drawing Status	FOR ISSUE	
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- Legend**
- Order Limits
  - Construction Compound
  - Haul Road
  - Order Limits 2km Buffer
  - Thames Basin Heaths
  - Thursley, Ash, Pirbright & Chobham SAC
  - Main River
- Priority Habitats**
- Deciduous woodland
  - Good quality semi-improved grassland
  - Lowland fens
  - Lowland heathland
  - Lowland meadows
  - No main habitat but additional habitats present

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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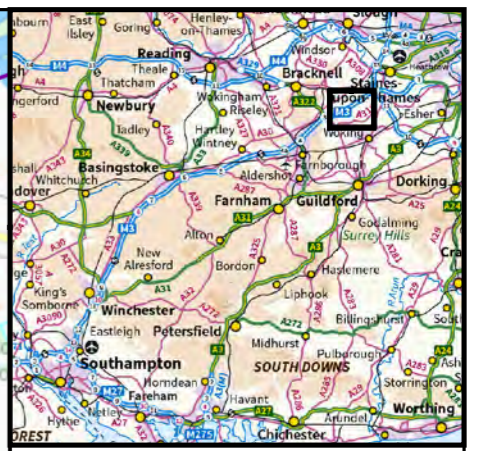
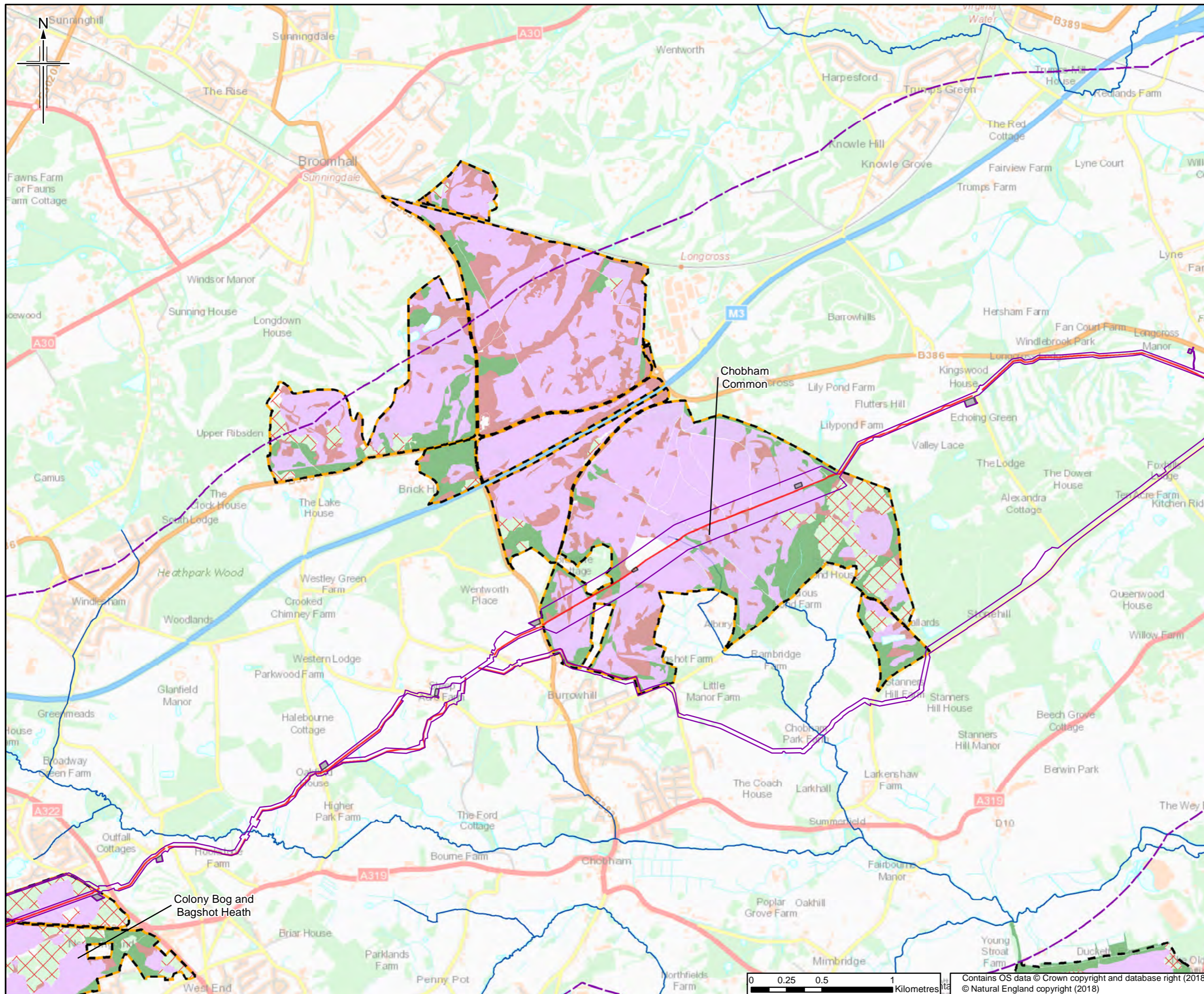
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Drawing title  
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HRA Screening Report  
Colony Bog and Bagshot Heath SSSI**

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BIM No.		
Drawing number	Figure A4.4 Sheet 1 of 1	Rev 0

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- Legend**
- Order Limits
  - Construction Compound
  - Haul Road
  - Order Limits 2km Buffer
  - Thames Basin Heaths
  - Thursley, Ash, Pirbright & Chobham SAC
  - Main River
- Priority Habitats**
- Deciduous woodland
  - Lowland fens
  - Lowland heathland
  - No main habitat but additional habitats present

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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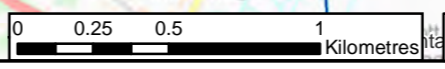
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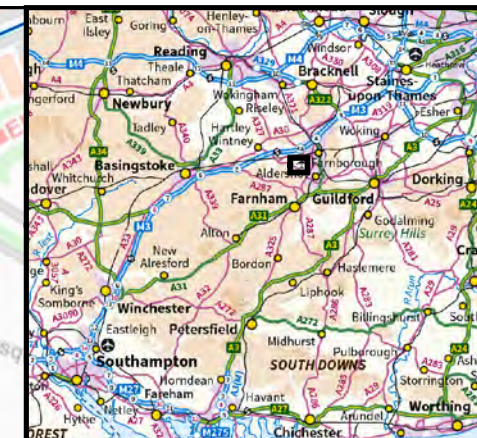
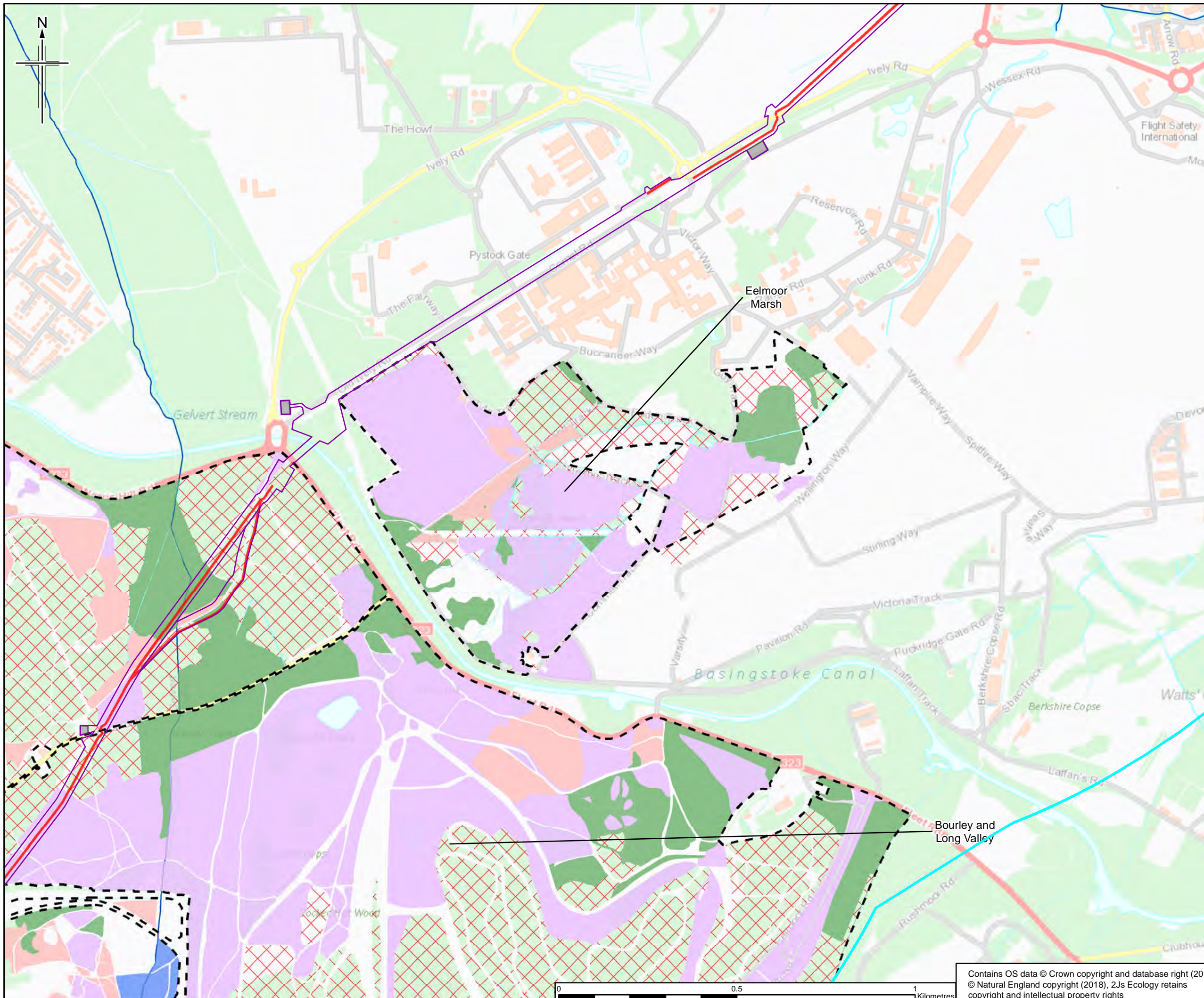
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HRA Screening Report  
Chobham Common SSSI**

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- Legend**
- Order Limits
  - Construction Compound
  - Haul Road
  - Order Limits 2km Buffer
  - Thames Basin Heaths
  - Main River
- Priority Habitats**
- Coastal and floodplain grazing marsh
  - Deciduous woodland
  - Lowland dry acid grassland
  - Lowland heathland
  - No main habitat but additional habitats present

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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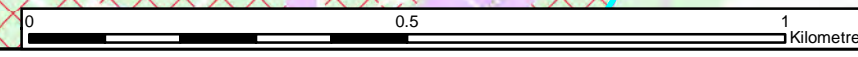


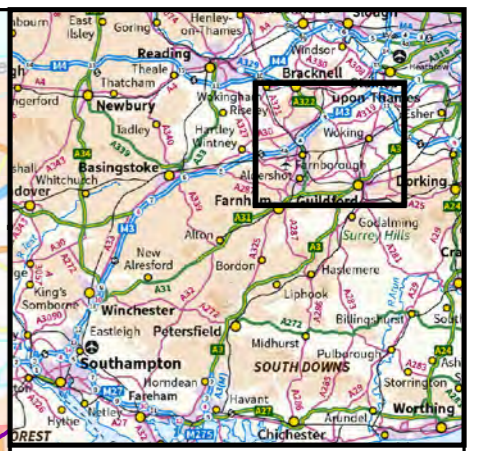
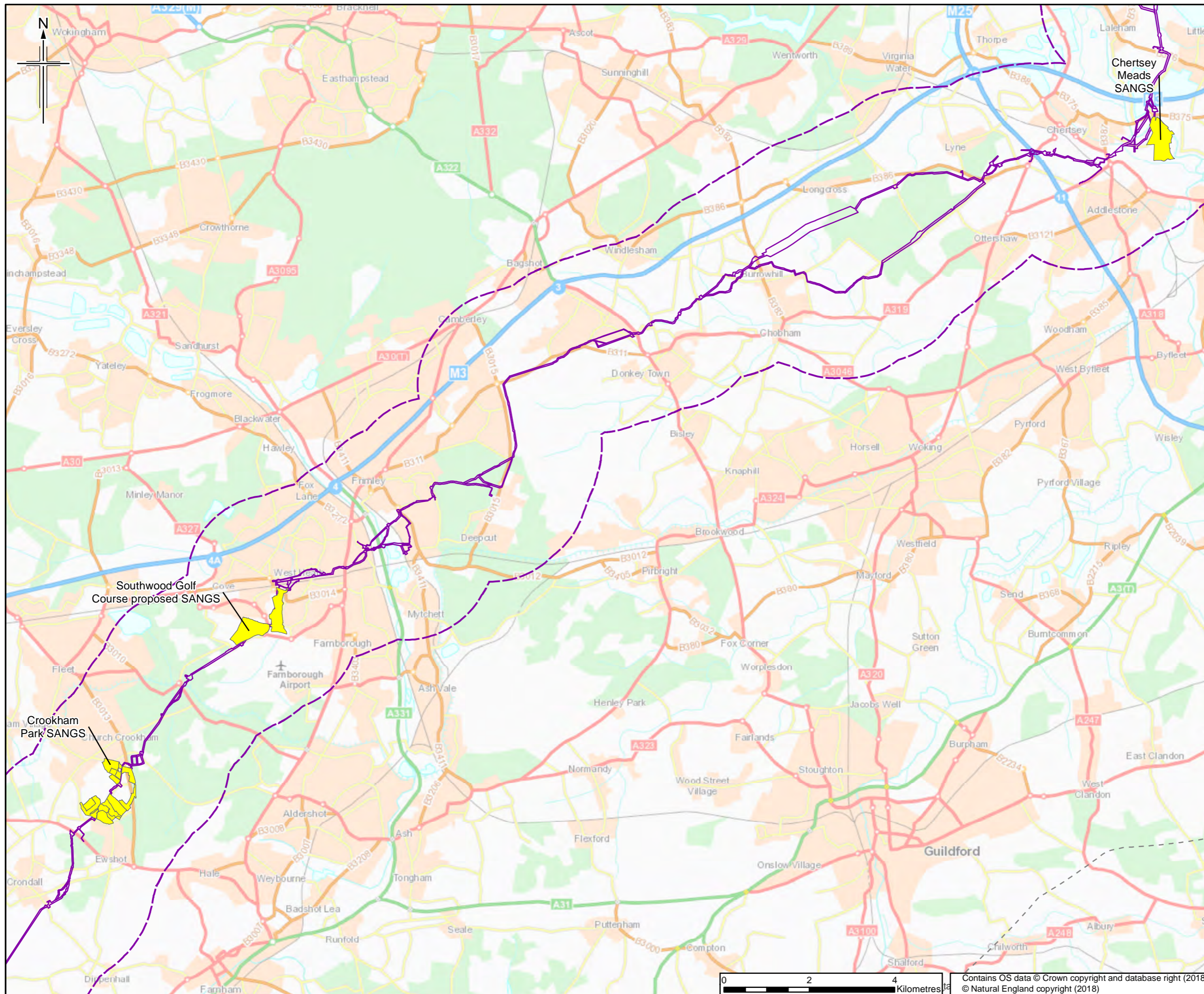
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 HRA Screening Report  
 Eelmoor Marsh SSSI

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**Legend**

- Order Limits
- - - Order Limits 2km Buffer
- Suitable Alternative Natural Greenspaces (SANGS)

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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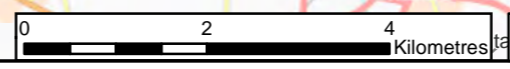
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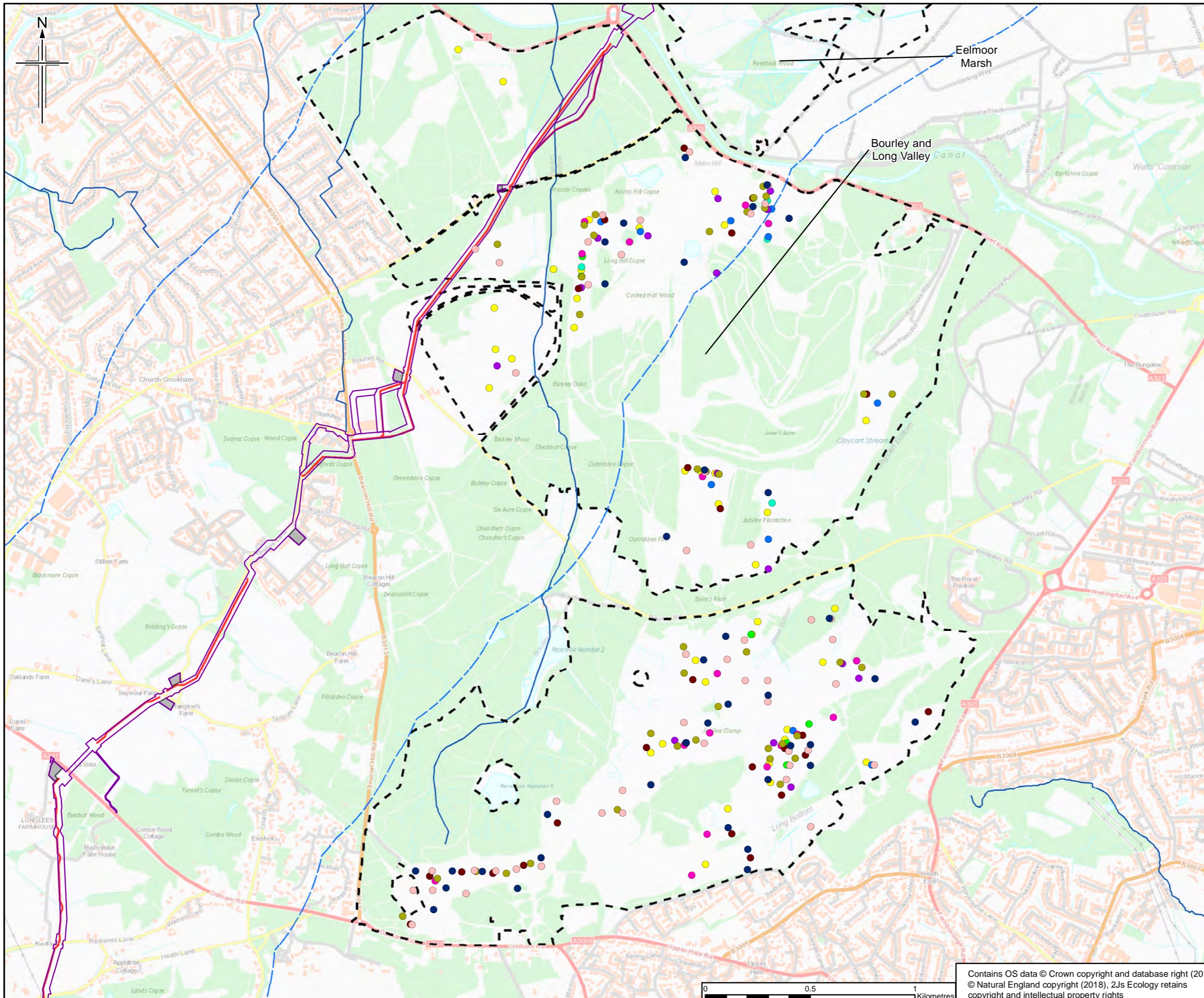
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Drawing title  
**Figure A4.7  
 HRA Screening Report  
 Suitable Alternative  
 Natural Greenspaces**

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Drawing number	Figure A4.7 Sheet 1 of 1	Rev 0



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- Legend**
- Order Limits
  - Construction Compound
  - Haul Road
  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
- Dartford Warbler, 2008
  - Dartford Warbler, 2009
  - Dartford Warbler, 2010
  - Dartford Warbler, 2011
  - Dartford Warbler, 2012
  - Dartford Warbler, 2013
  - Dartford Warbler, 2014
  - Dartford Warbler, 2015
  - Dartford Warbler, 2016
  - Dartford Warbler, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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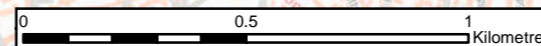


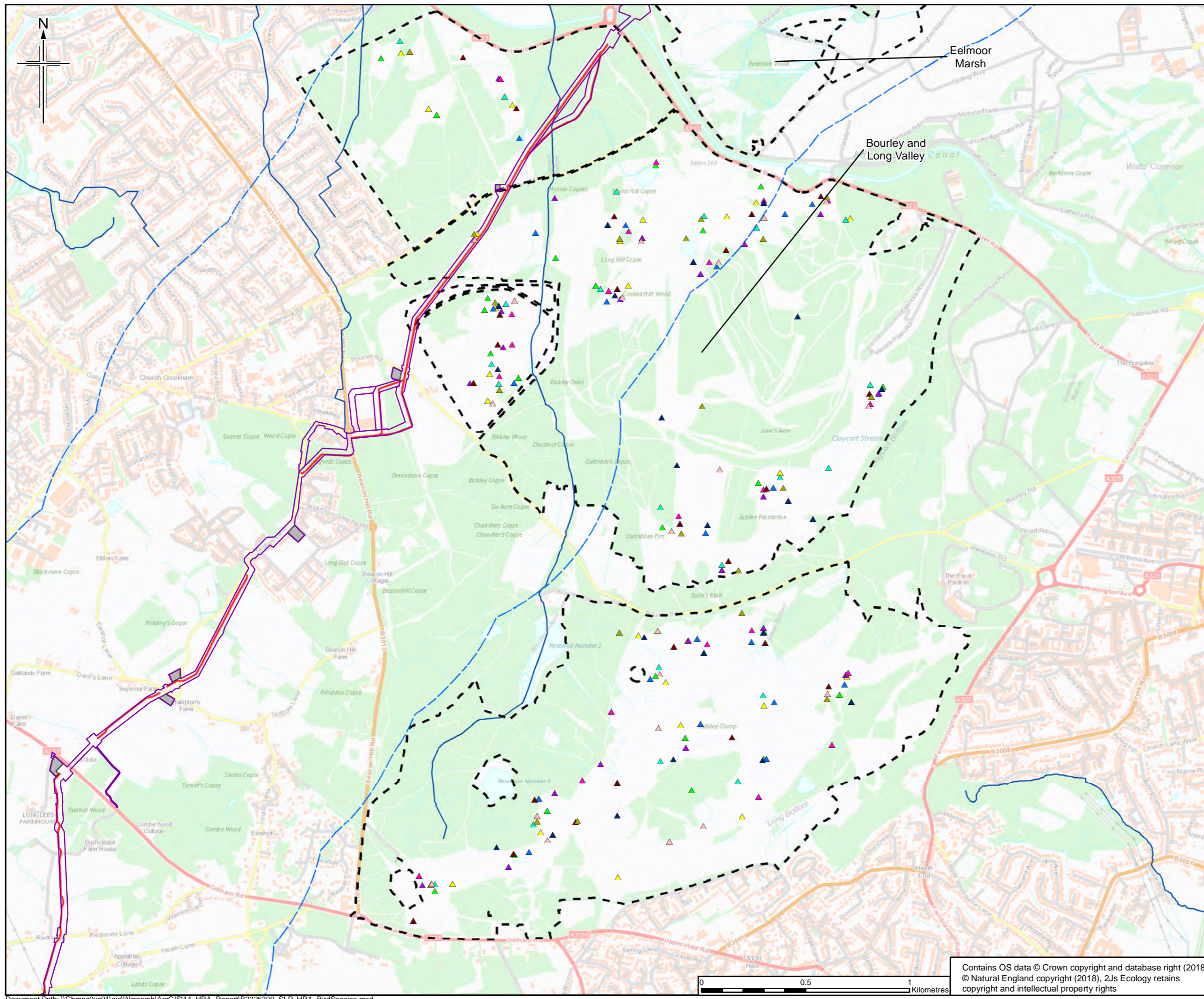
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 Bourley and Long Valley SSSI  
 Dartford Warblers

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  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
- ▲ Nightjar, 2008
  - ▲ Nightjar, 2009
  - ▲ Nightjar, 2010
  - ▲ Nightjar, 2011
  - ▲ Nightjar, 2012
  - ▲ Nightjar, 2013
  - ▲ Nightjar, 2014
  - ▲ Nightjar, 2015
  - ▲ Nightjar, 2016
  - ▲ Nightjar, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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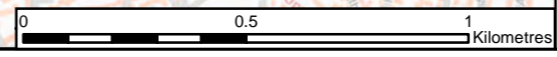
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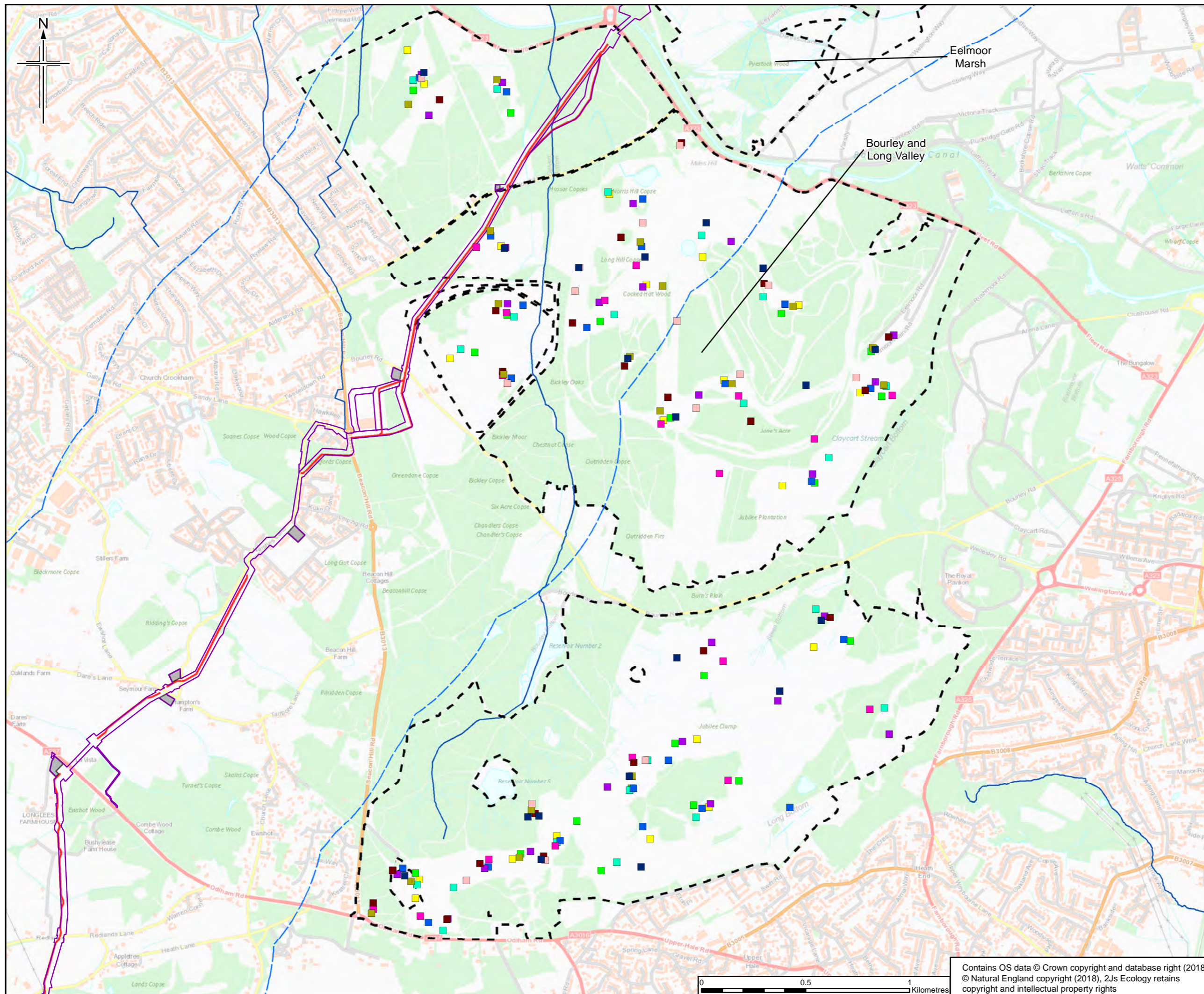
Drawing title  
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 HRA Screening Report  
 Bourley and Long Valley SSSI  
 Nightjar

Drawing Status	FOR ISSUE	
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**Legend**

- Order Limits
- Construction Compound
- Haul Road
- Order Limits 1km Buffer
- Thames Basin Heaths SPA
- Main River

**Species Name, Year**

- Woodlark, 2008
- Woodlark, 2009
- Woodlark, 2010
- Woodlark, 2011
- Woodlark, 2012
- Woodlark, 2013
- Woodlark, 2014
- Woodlark, 2015
- Woodlark, 2016
- Woodlark, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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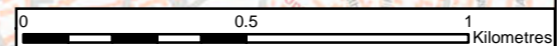
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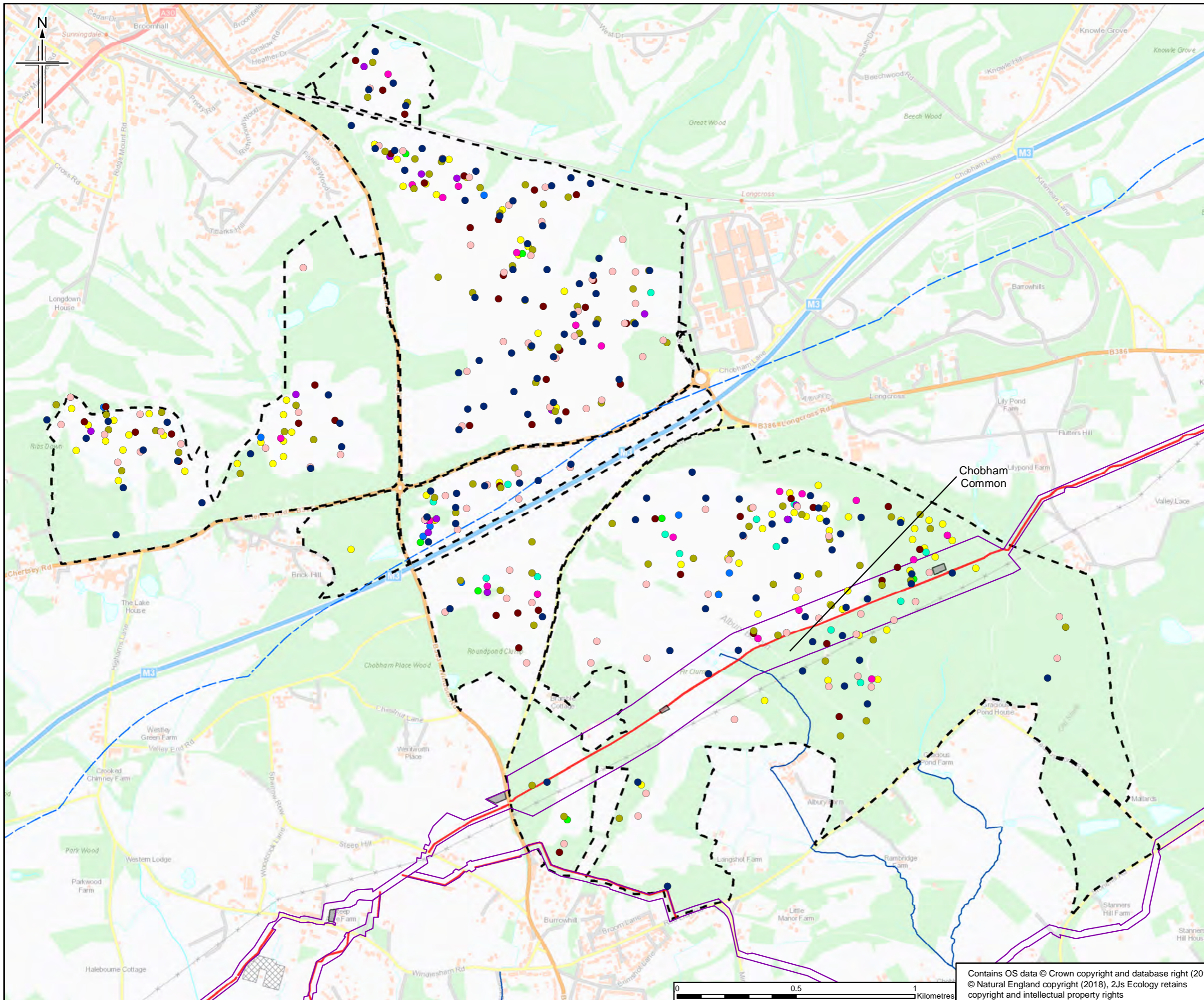
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Drawing title  
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 HRA Screening Report  
 Bourley and Long Valley SSSI  
 Woodlark**

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- Legend**
- Order Limits
  - Construction Compound
  - Haul Road
  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
- Dartford Warbler, 2008
  - Dartford Warbler, 2009
  - Dartford Warbler, 2010
  - Dartford Warbler, 2011
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  - Dartford Warbler, 2014
  - Dartford Warbler, 2015
  - Dartford Warbler, 2016
  - Dartford Warbler, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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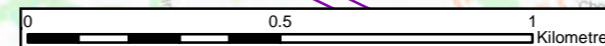
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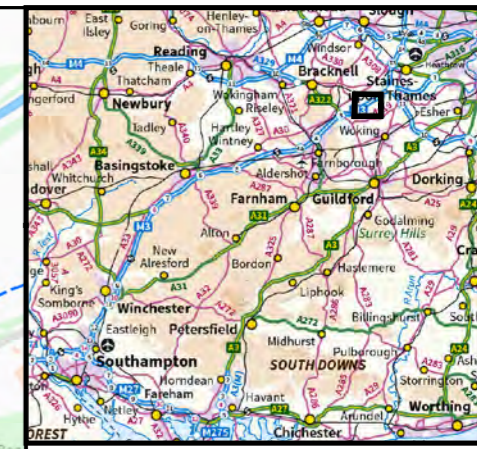
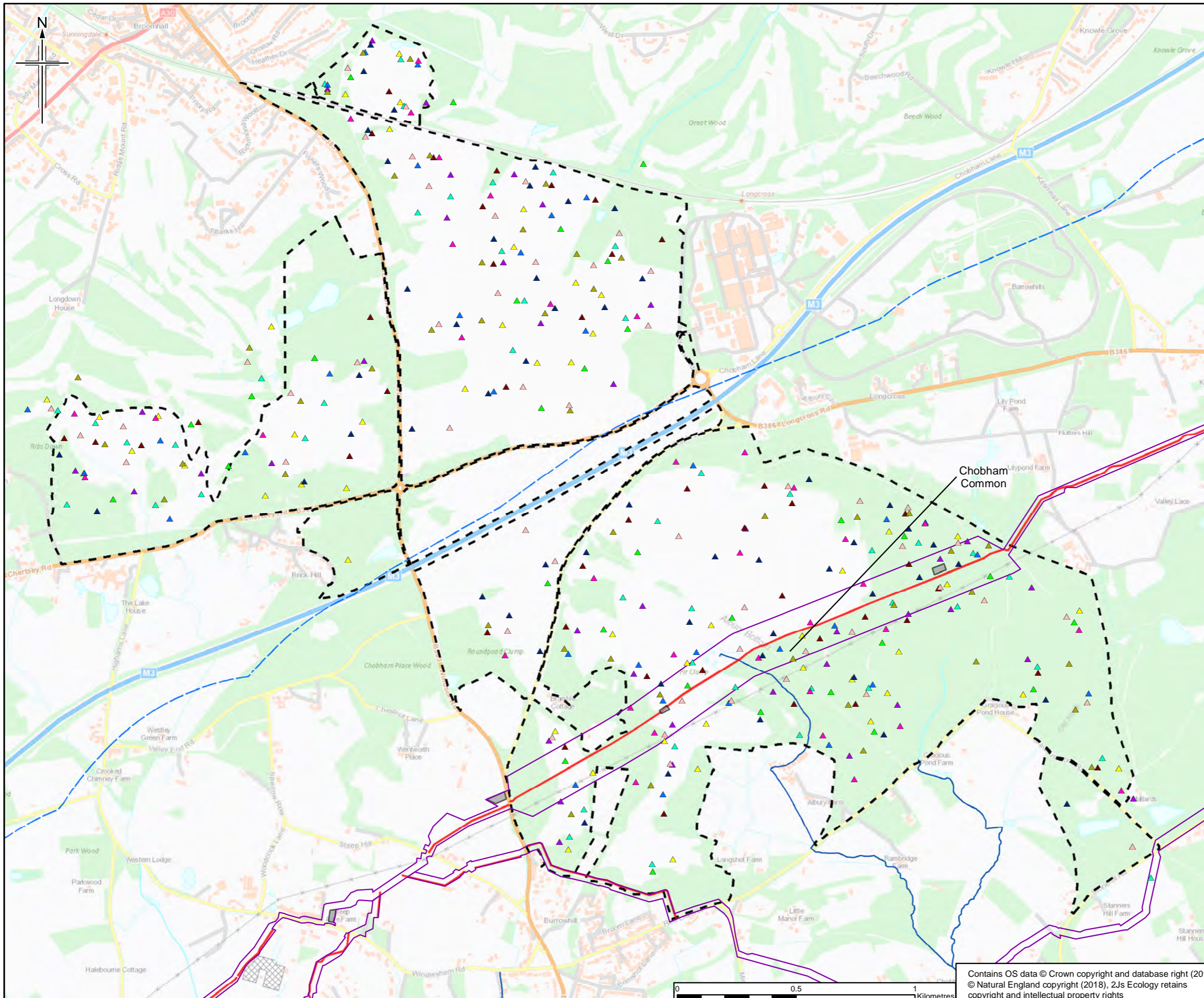
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Drawing title  
**Figure A4.11  
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 Chobham Common SSSI  
 Dartford Warblers**

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  - Haul Road
  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
- ▲ Nightjar, 2008
  - ▲ Nightjar, 2009
  - ▲ Nightjar, 2010
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  - ▲ Nightjar, 2012
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  - ▲ Nightjar, 2015
  - ▲ Nightjar, 2016
  - ▲ Nightjar, 2017

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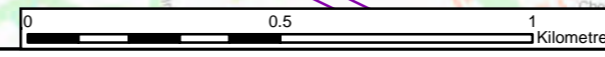


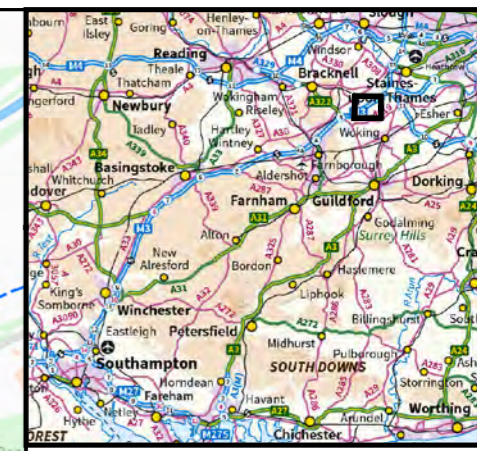
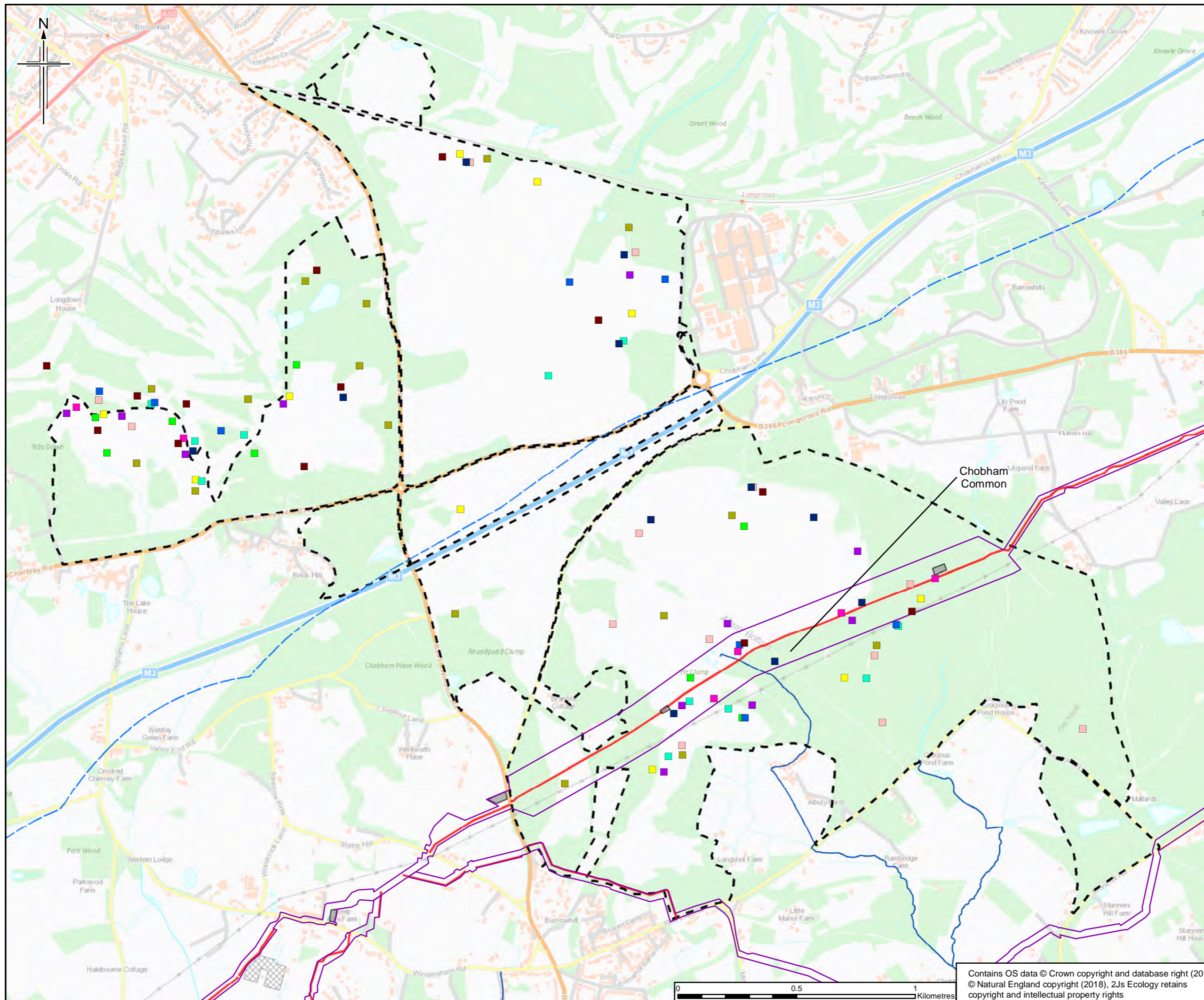
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Chobham Common SSSI  
Nightjar**

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- Legend**
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  - Construction Compound
  - Haul Road
  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
- Woodlark, 2008
  - Woodlark, 2009
  - Woodlark, 2010
  - Woodlark, 2011
  - Woodlark, 2012
  - Woodlark, 2013
  - Woodlark, 2014
  - Woodlark, 2015
  - Woodlark, 2016
  - Woodlark, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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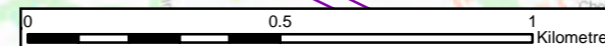
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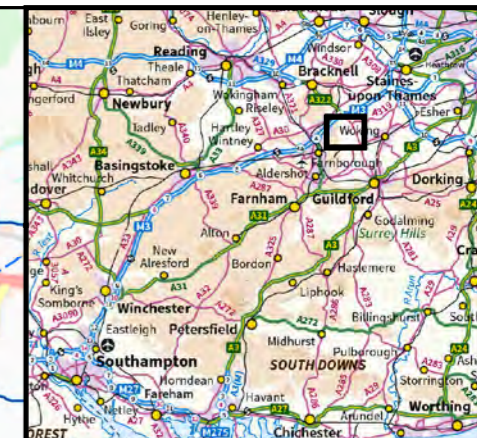
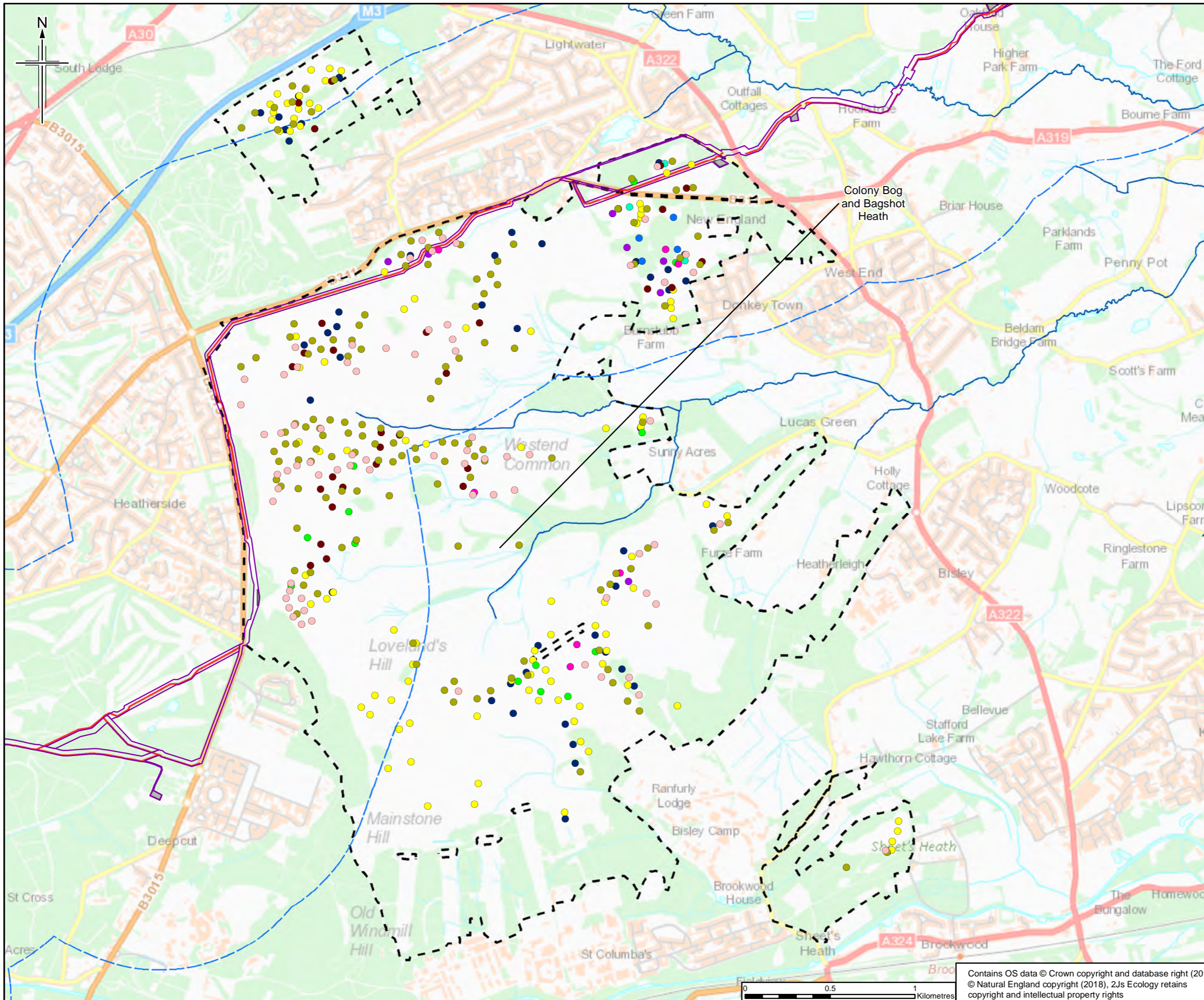


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HRA Screening Report  
Chobham Common SSSI  
Woodlark**

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  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
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  - Dartford Warbler, 2009
  - Dartford Warbler, 2010
  - Dartford Warbler, 2011
  - Dartford Warbler, 2012
  - Dartford Warbler, 2013
  - Dartford Warbler, 2014
  - Dartford Warbler, 2015
  - Dartford Warbler, 2016
  - Dartford Warbler, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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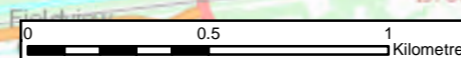
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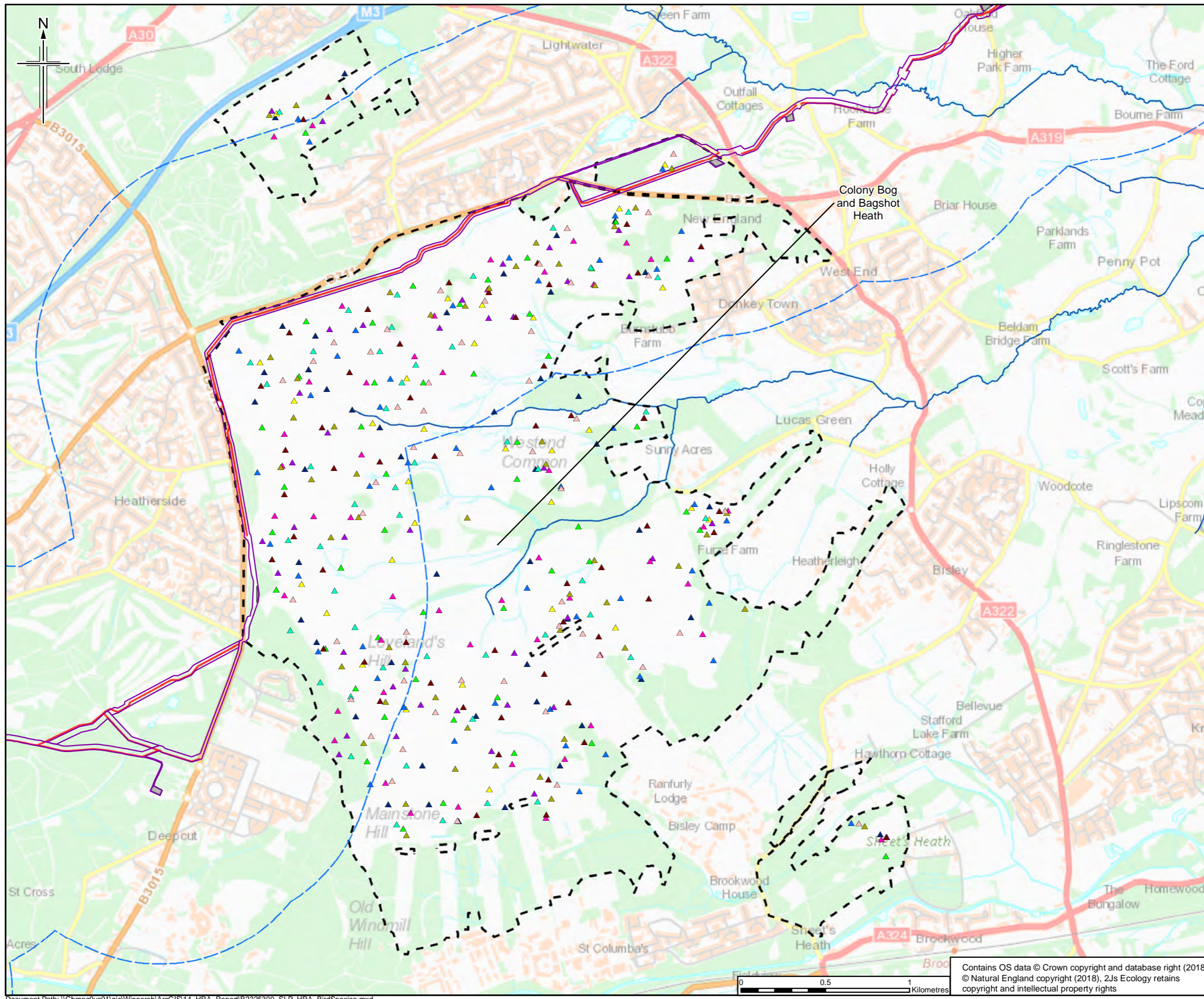
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 Colony Bog and Bagshot Heath SSSI  
 Dartford Warblers

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  - Construction Compound
  - Haul Road
  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
- ▲ Nightjar, 2008
  - ▲ Nightjar, 2009
  - ▲ Nightjar, 2010
  - ▲ Nightjar, 2011
  - ▲ Nightjar, 2012
  - ▲ Nightjar, 2013
  - ▲ Nightjar, 2014
  - ▲ Nightjar, 2015
  - ▲ Nightjar, 2016
  - ▲ Nightjar, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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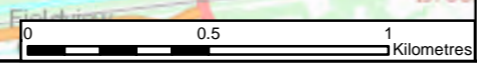


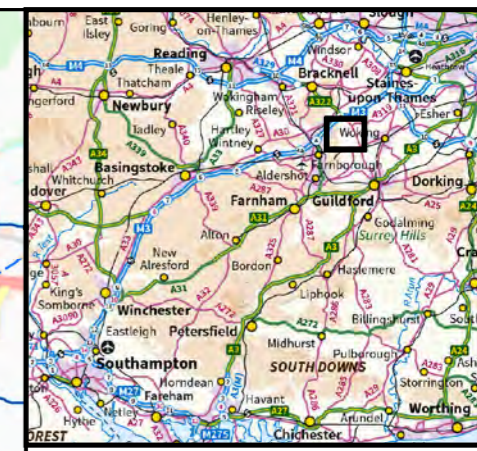
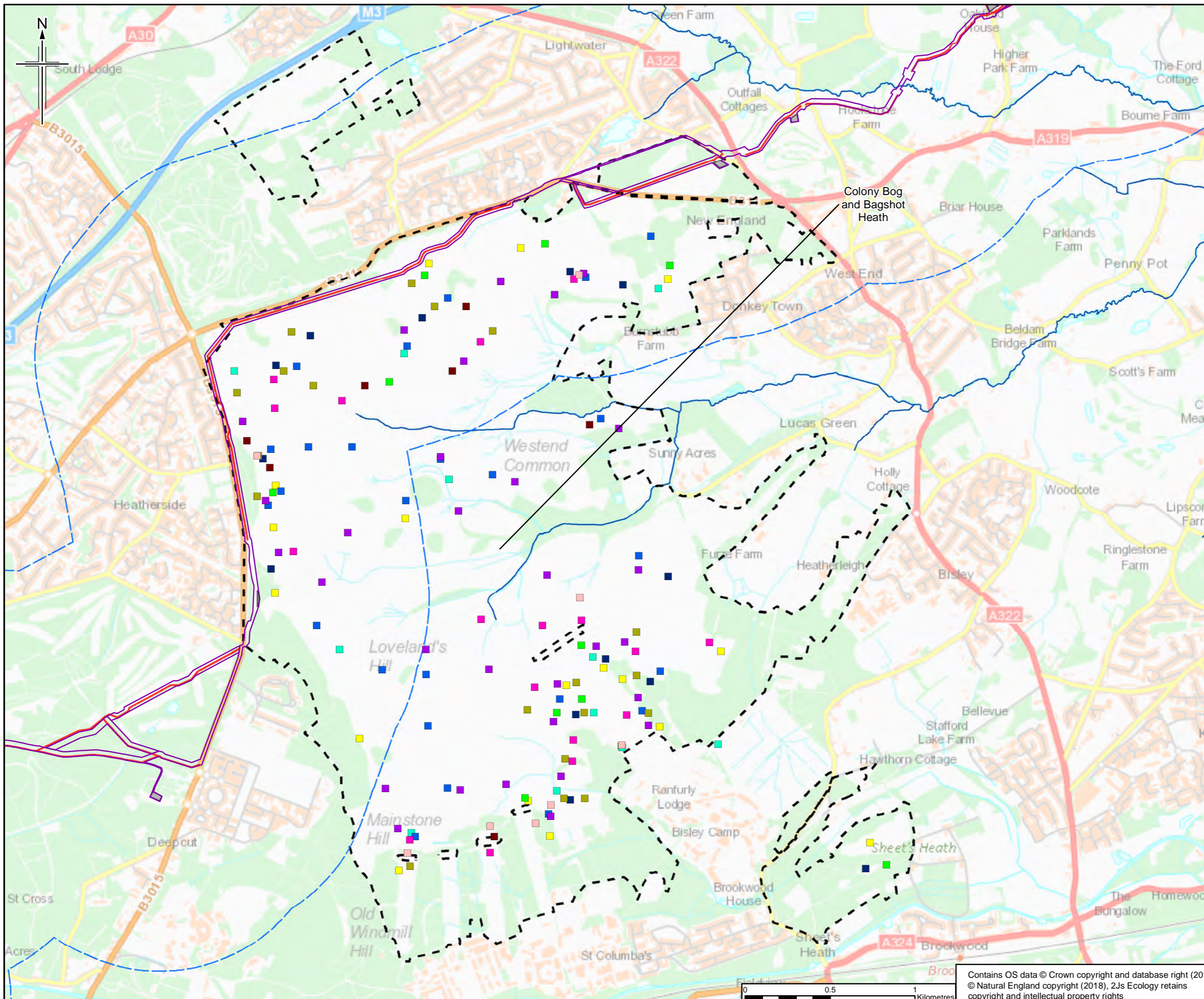
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 Colony Bog and Bagshot Heath SSSI  
 Nightjar

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  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
  - Main River
- Species Name, Year**
- Woodlark, 2008
  - Woodlark, 2009
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  - Woodlark, 2014
  - Woodlark, 2015
  - Woodlark, 2016
  - Woodlark, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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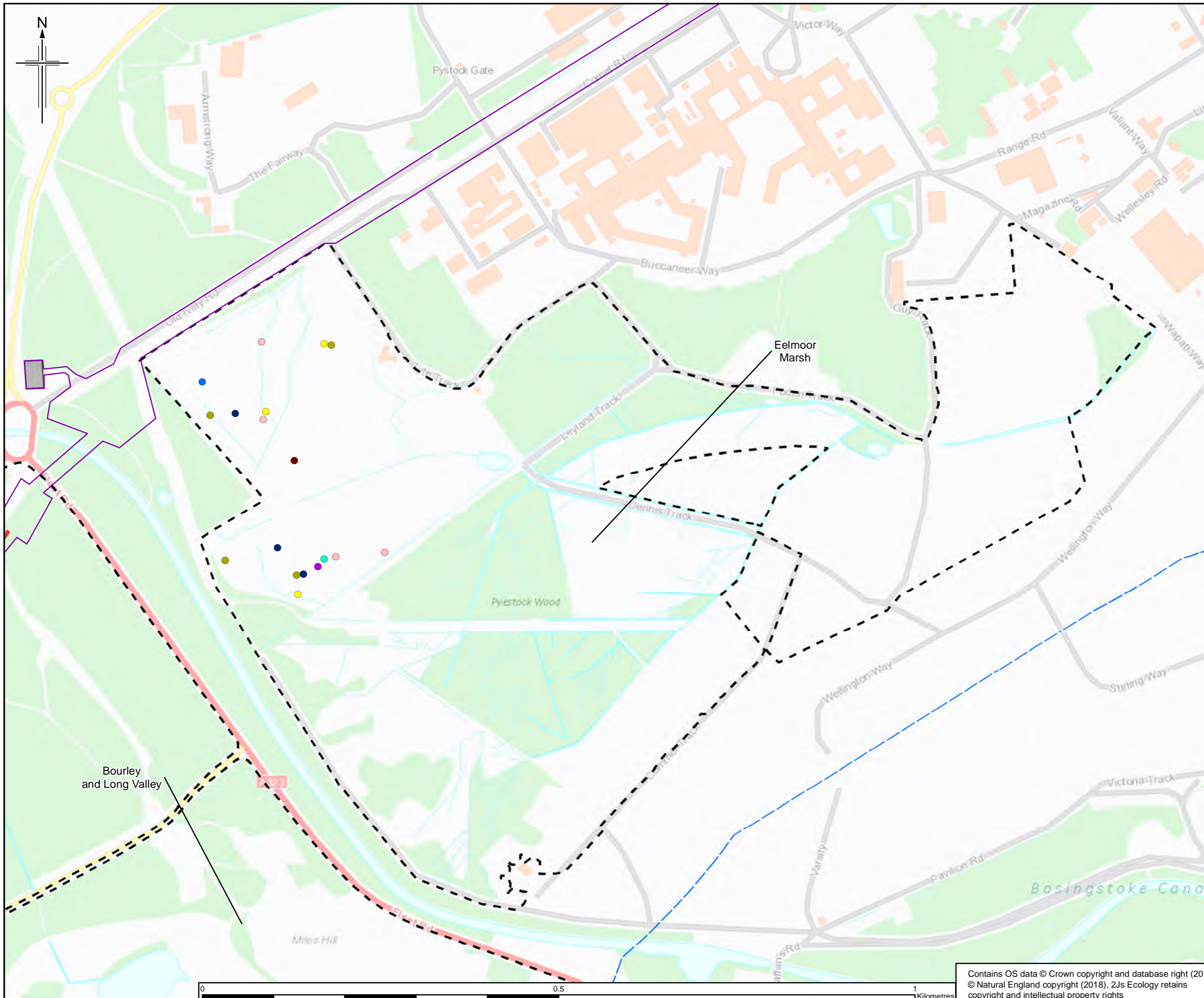


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 Colony Bog and Bagshot Heath SSSI  
 Woodlark

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  - Construction Compound
  - Haul Road
  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
- Species Name, Year**
- Dartford Warbler, 2008
  - Dartford Warbler, 2010
  - Dartford Warbler, 2011
  - Dartford Warbler, 2012
  - Dartford Warbler, 2014
  - Dartford Warbler, 2015
  - Dartford Warbler, 2016
  - Dartford Warbler, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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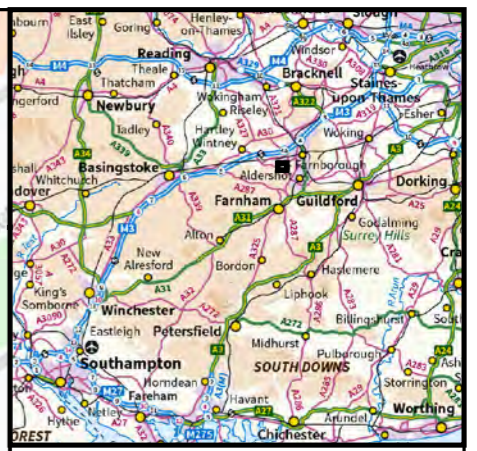
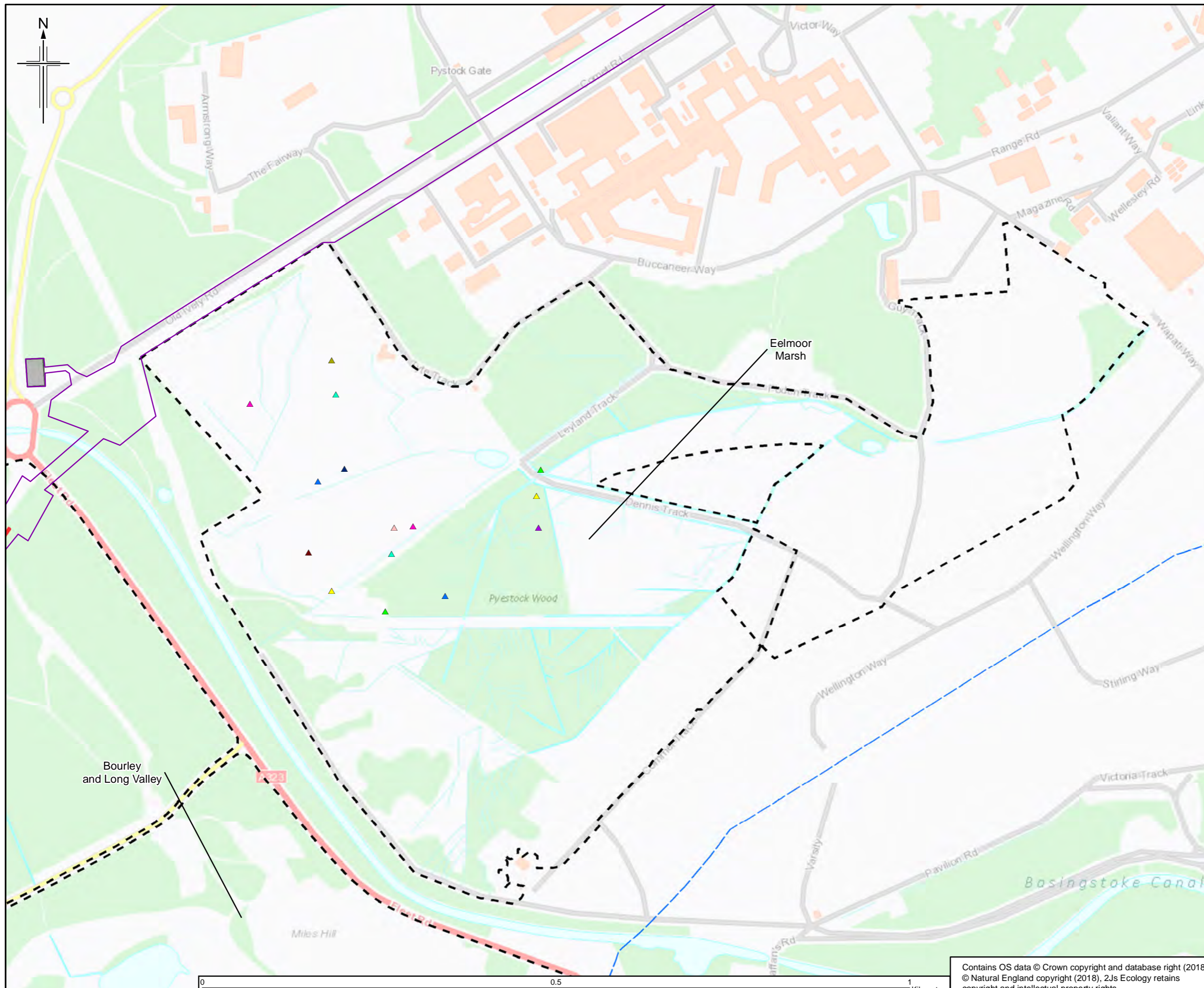
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Eelmoor Marsh SSSI  
Dartford Warblers**

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  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
- Species Name, Year**
- ▲ Nightjar, 2008
  - ▲ Nightjar, 2009
  - ▲ Nightjar, 2010
  - ▲ Nightjar, 2011
  - ▲ Nightjar, 2012
  - ▲ Nightjar, 2013
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  - ▲ Nightjar, 2015
  - ▲ Nightjar, 2016
  - ▲ Nightjar, 2017

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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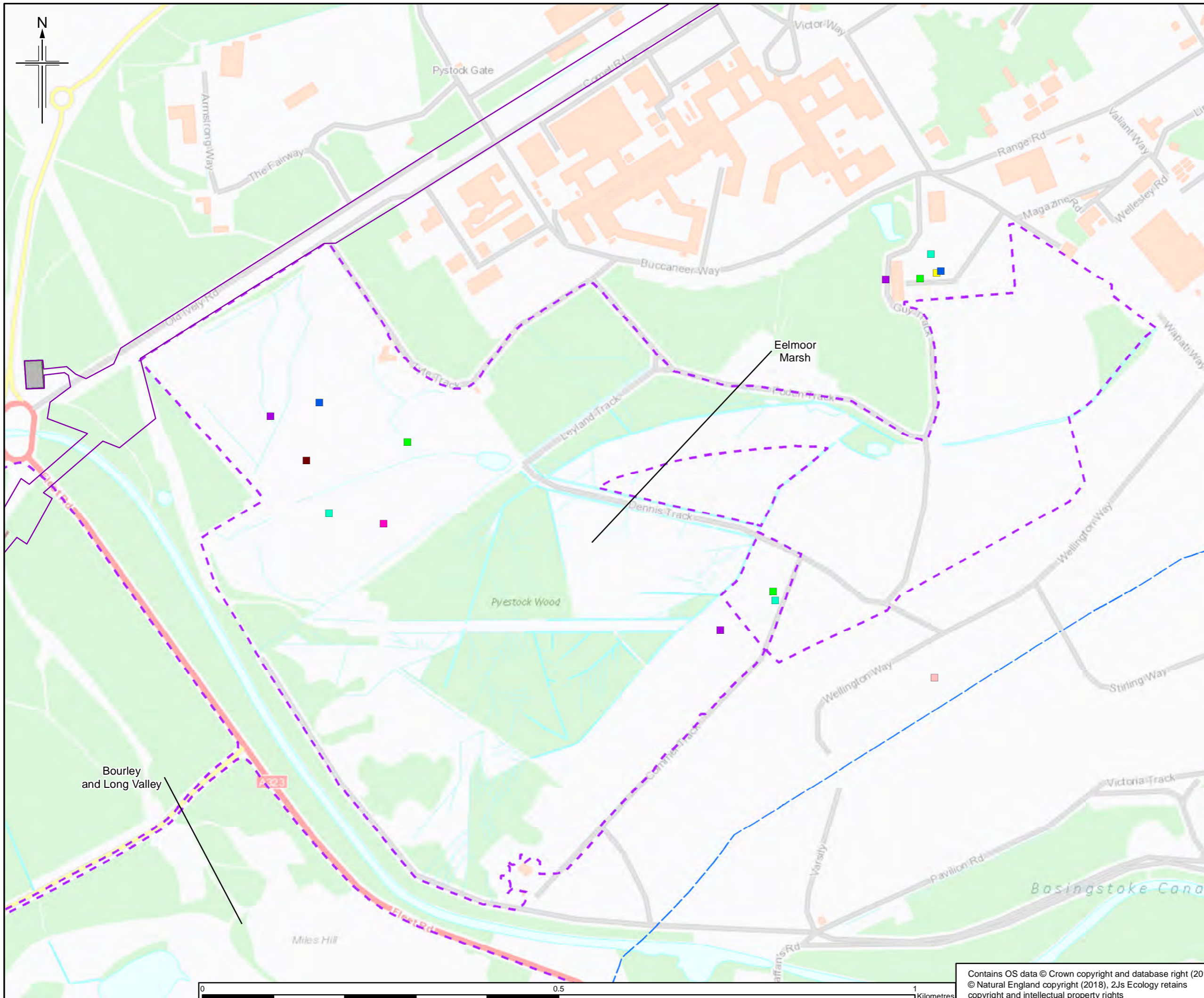


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Eelmoor Marsh SSSI  
Nightjar**

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- Legend**
- Order Limits
  - Construction Compound
  - Haul Road
  - Order Limits 1km Buffer
  - Thames Basin Heaths SPA
- Species Name, Year**
- Woodlark, 2008
  - Woodlark, 2009
  - Woodlark, 2010
  - Woodlark, 2011
  - Woodlark, 2012
  - Woodlark, 2013
  - Woodlark, 2014
  - Woodlark, 2016

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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HRA Screening Report  
Eelmoor Marsh SSSI  
Woodlark**

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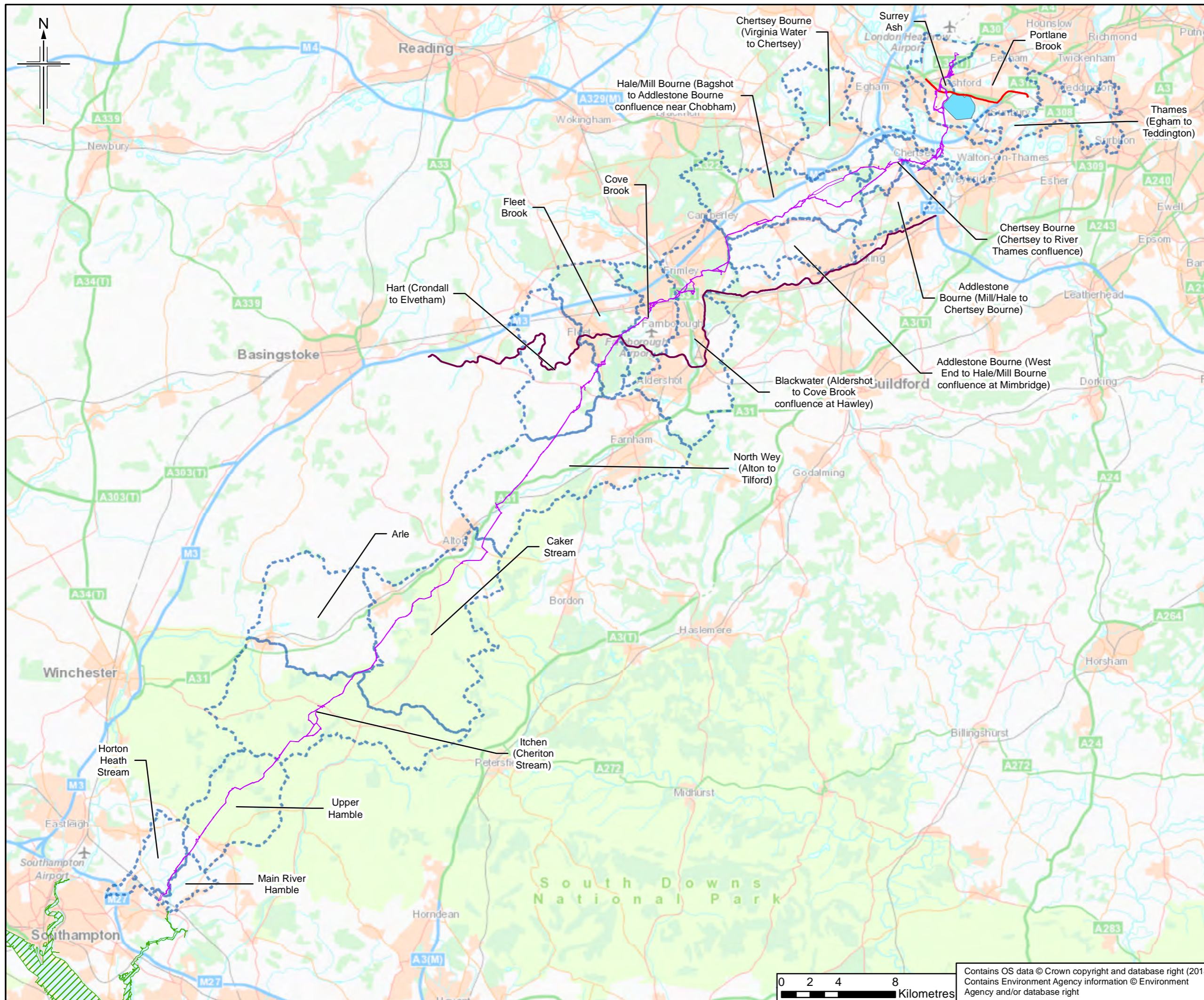
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**Appendix 5.1**  
Figures

Scoping Report Volume 2





- Legend**
- Order Limits
  - Queen Mary Reservoir
  - Southampton Transitional Water Body
  - WFD Surface Water Bodies
  - Basingstoke Canal
  - King George VI Reservoir
  - Water Transfer

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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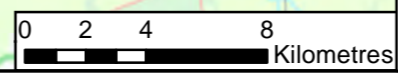
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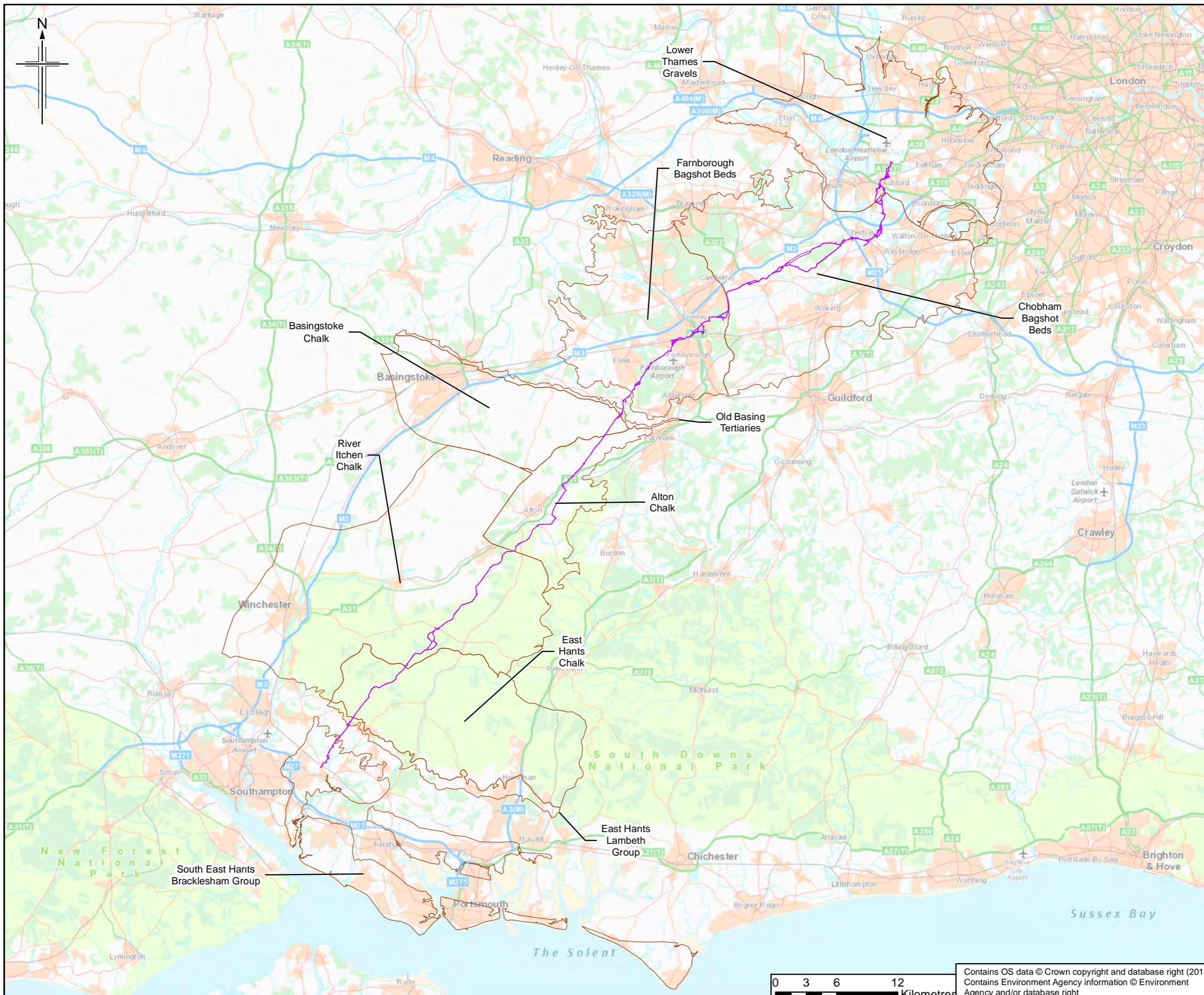
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- Legend**
- Order Limits
  - WFD Groundwater Body

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 GROUNDWATER BODIES**

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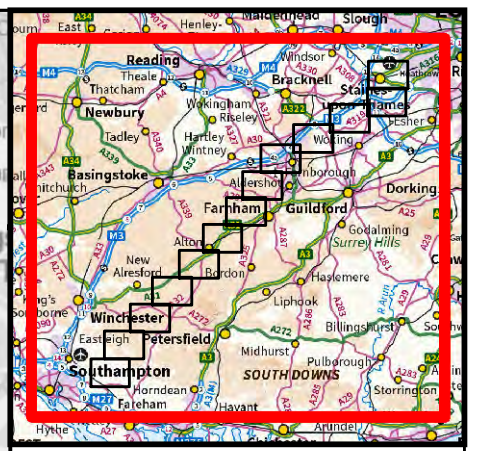
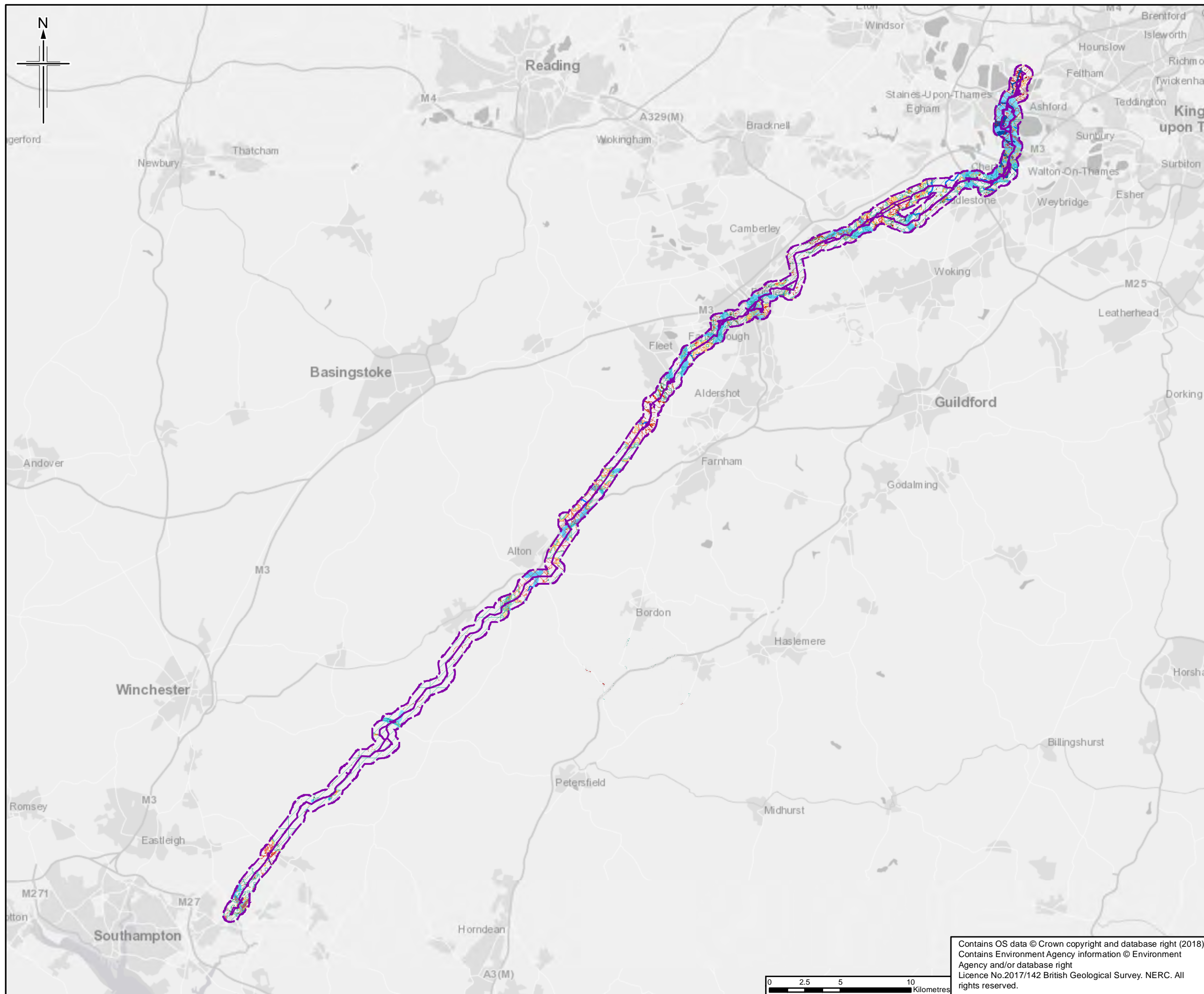


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**Appendix 5.2**  
Figures

Scoping Report Volume 2





- Legend**
- Order Limits
  - Order Limits 500m Buffer
  - Main Rivers
  - Flood Zone 2
  - Flood Zone 3
  - RoSWF 3.3% Annual Risk Extent
  - RoSWF 1% Annual Risk Extent
  - RoSWF 0.1% Annual Risk Extent
  - Groundwater Flooding Susceptibility
  - Limited potential for groundwater flooding to occur
  - Potential for groundwater flooding of property situated below ground level
  - Potential for groundwater flooding to occur at surface

See Sheets 2 to 14 for details. The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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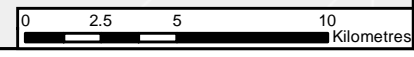
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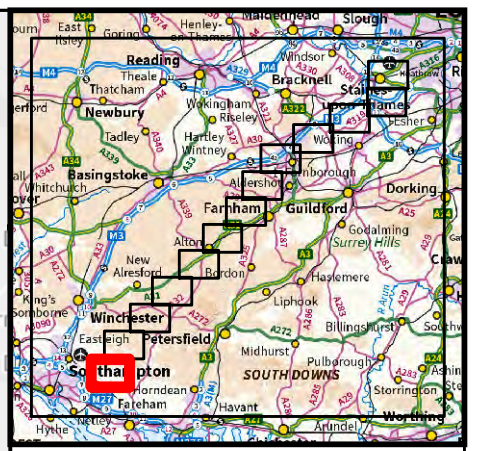
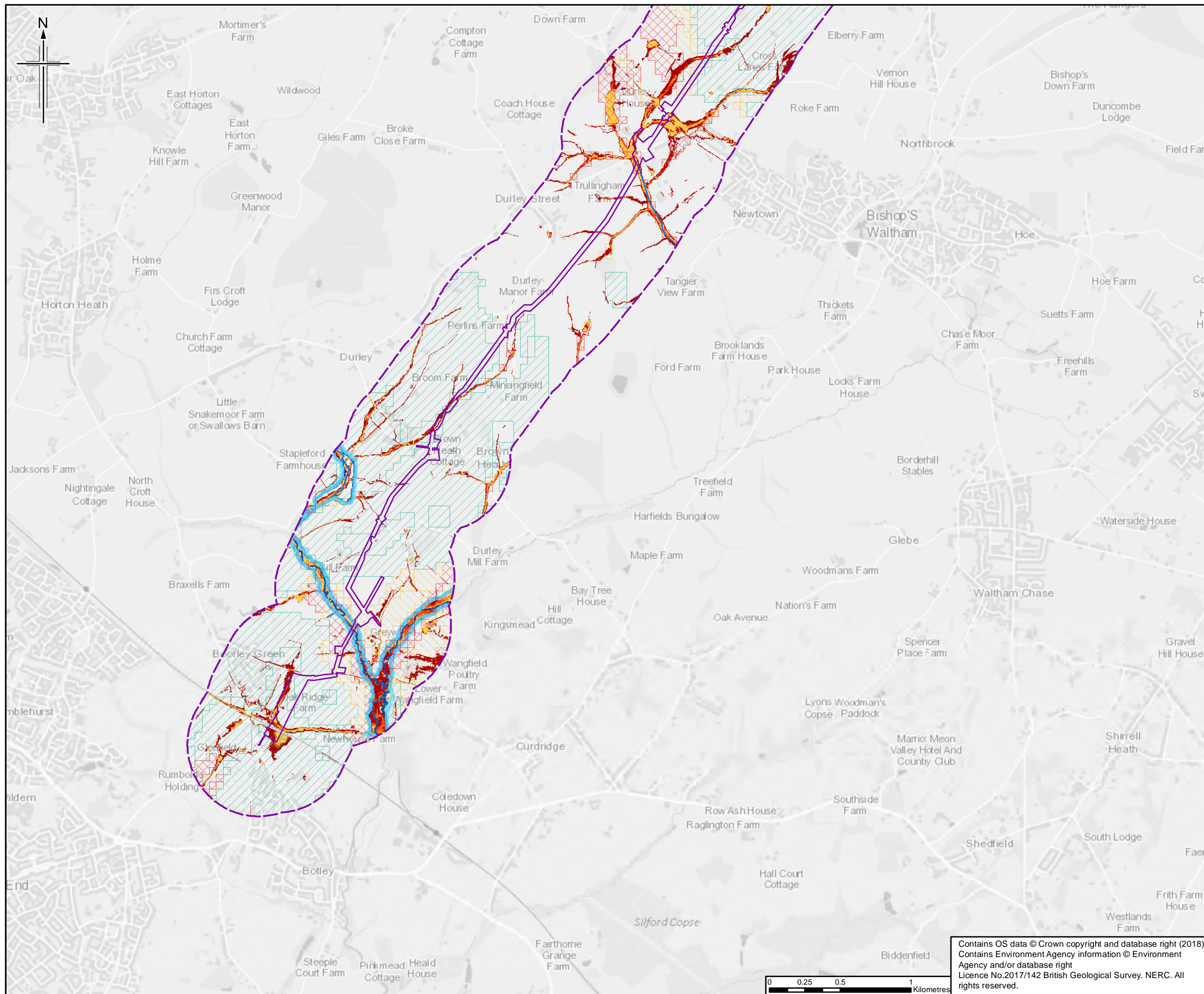


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- Legend**
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  - Order Limits 500m Buffer
  - Main Rivers
  - Flood Zone 2
  - Flood Zone 3
  - RoSWF 3.3% Annual Risk Extent
  - RoSWF 1% Annual Risk Extent
  - RoSWF 0.1% Annual Risk Extent
  - Groundwater Flooding Susceptibility
  - Limited potential for groundwater flooding to occur
  - Potential for groundwater flooding of property situated below ground level
  - Potential for groundwater flooding to occur at surface

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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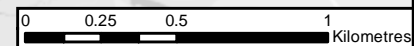
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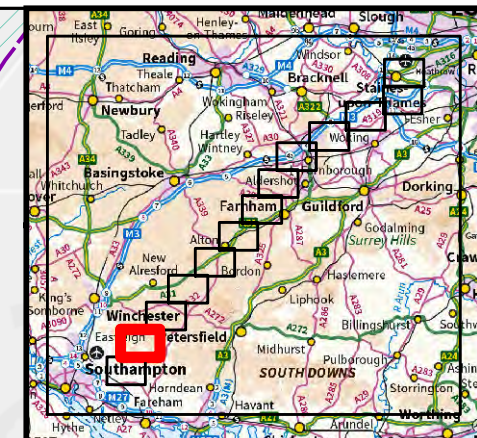
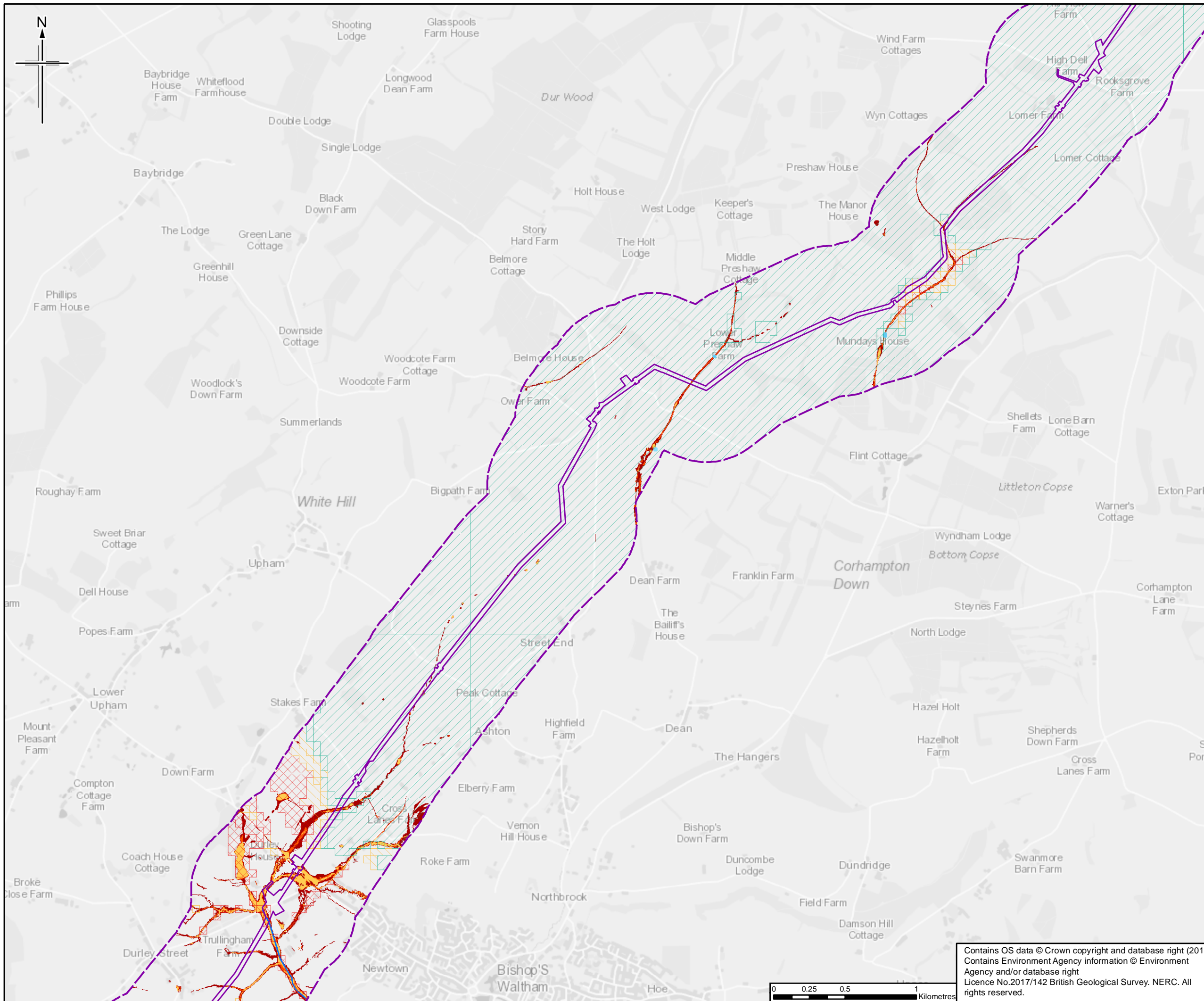
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- Order Limits
  - Order Limits 500m Buffer
  - Main Rivers
  - Flood Zone 2
  - Flood Zone 3
  - RoSWF 3.3% Annual Risk Extent
  - RoSWF 1% Annual Risk Extent
  - RoSWF 0.1% Annual Risk Extent
  - Groundwater Flooding Susceptibility
  - Limited potential for groundwater flooding to occur
  - Potential for groundwater flooding of property situated below ground level
  - Potential for groundwater flooding to occur at surface

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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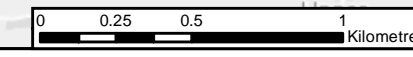
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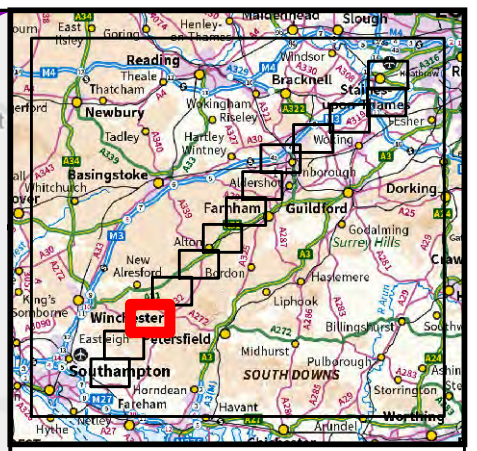
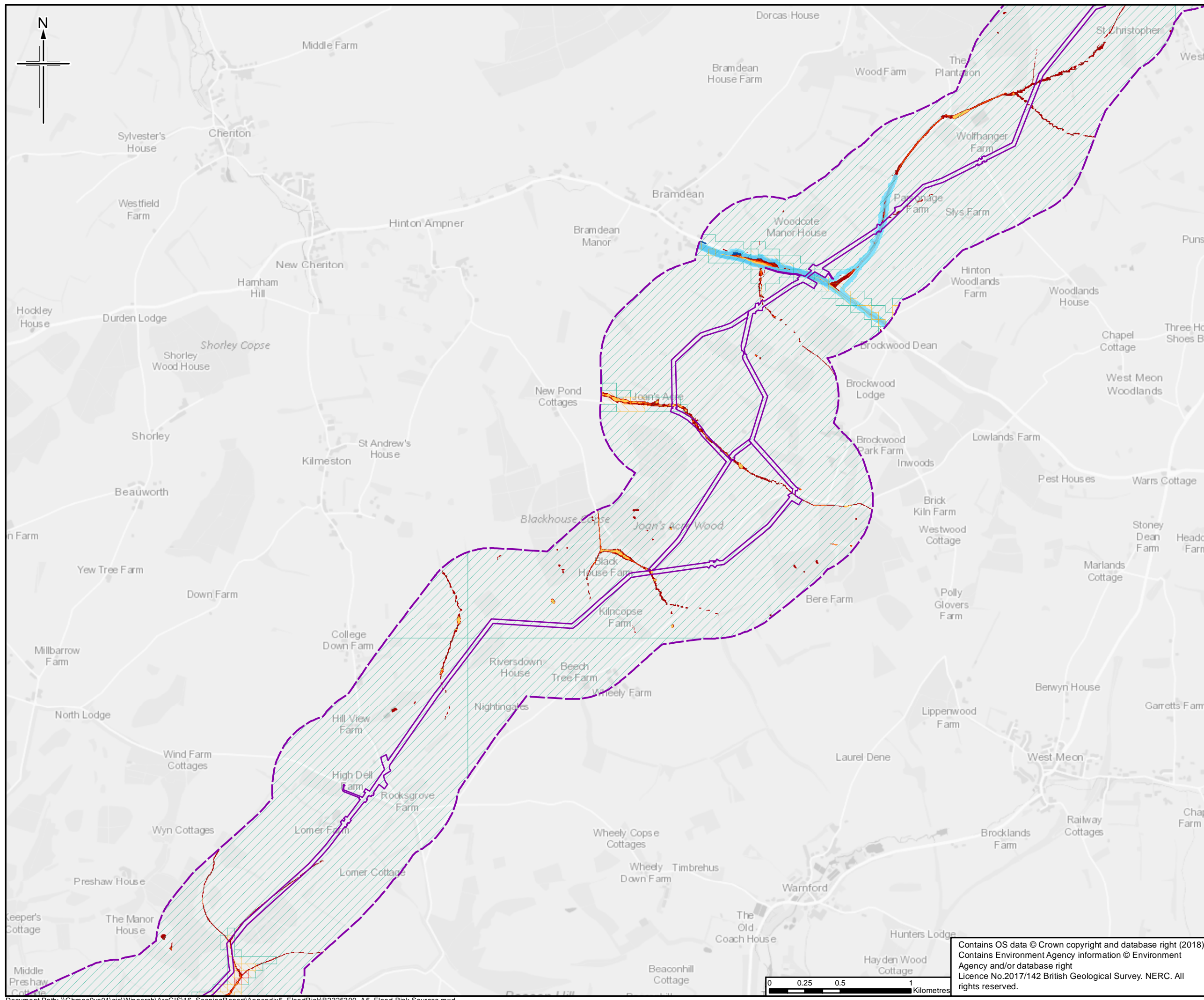
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**Legend**

- Order Limits
- Order Limits 500m Buffer
- Main Rivers
- Flood Zone 2
- Flood Zone 3
- RoSWF 3.3% Annual Risk Extent
- RoSWF 1% Annual Risk Extent
- RoSWF 0.1% Annual Risk Extent
- Groundwater Flooding Susceptibility
- Limited potential for groundwater flooding to occur
- Potential for groundwater flooding of property situated below ground level
- Potential for groundwater flooding to occur at surface

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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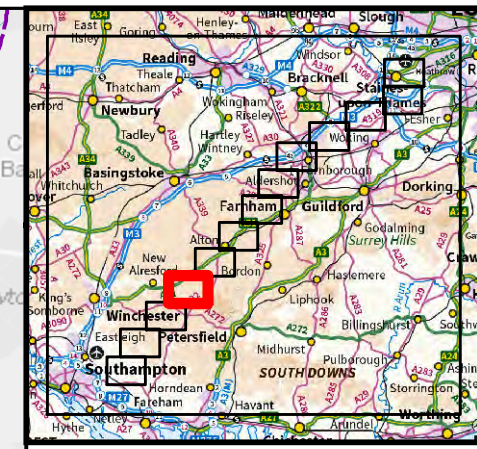
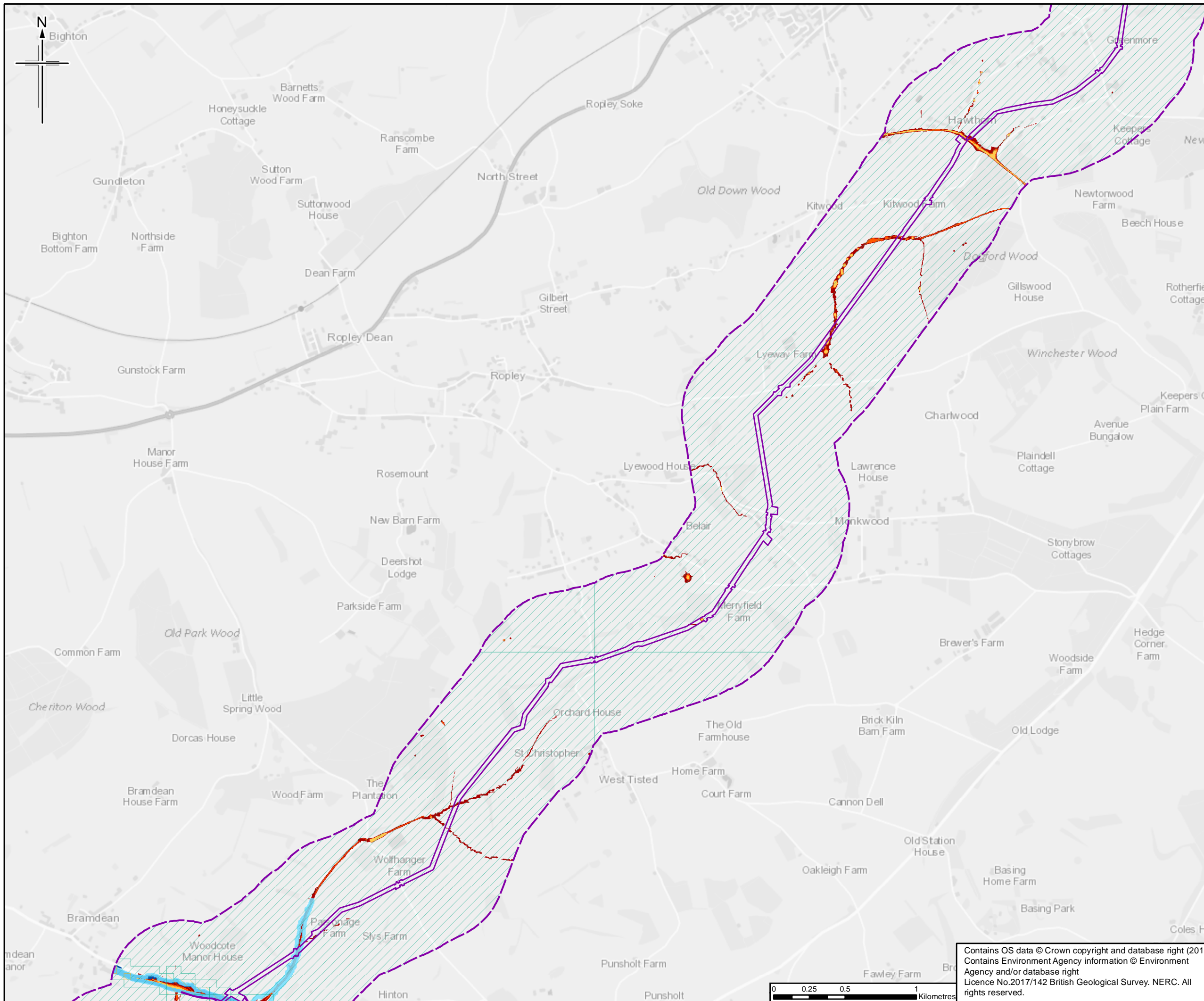
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- Legend**
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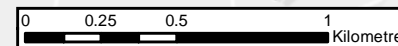


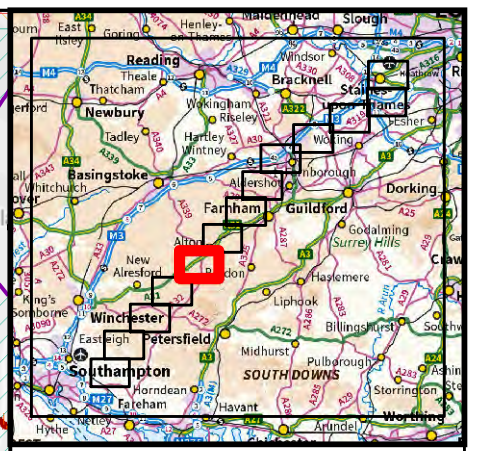
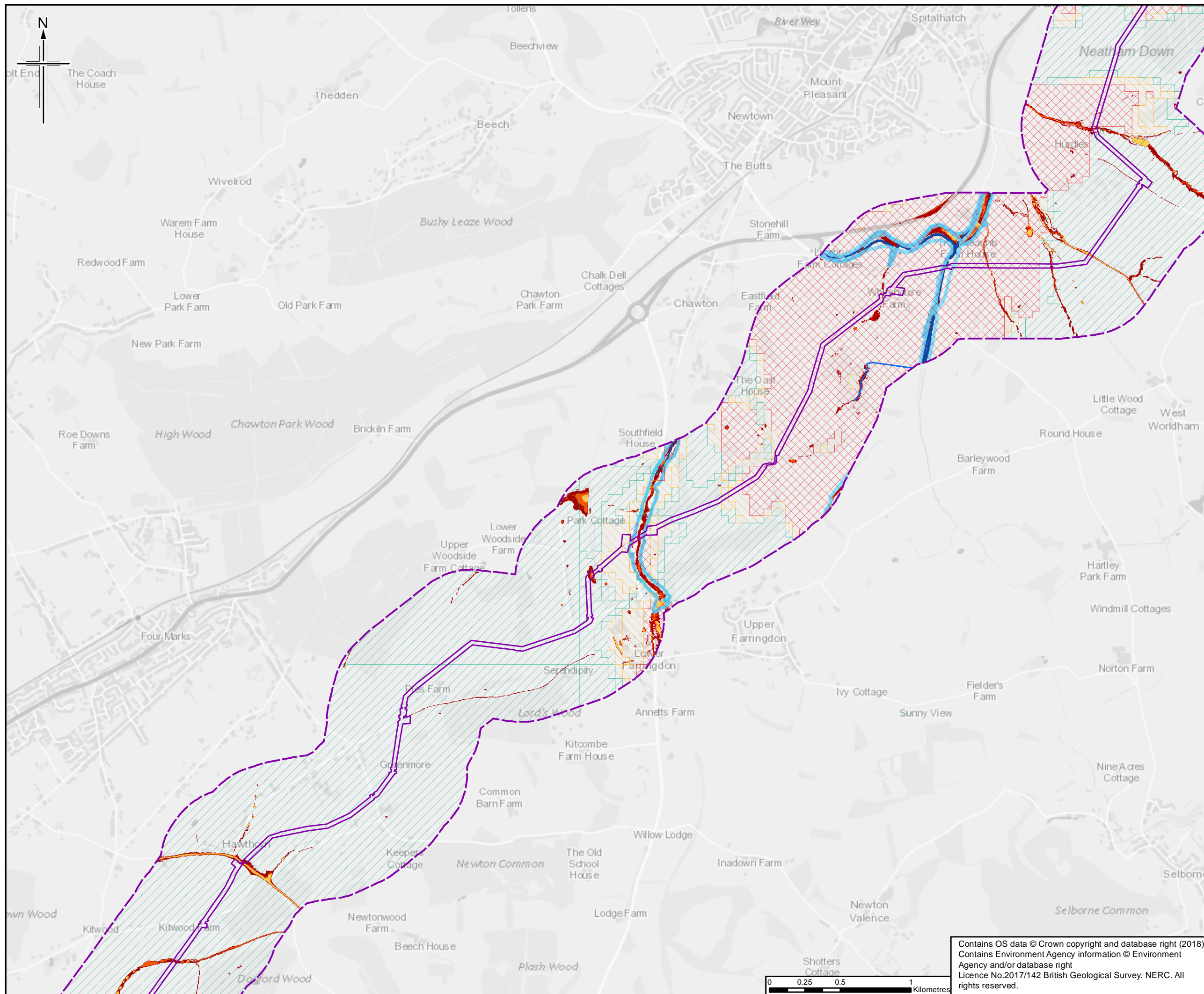
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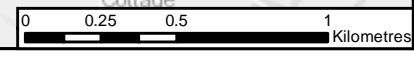
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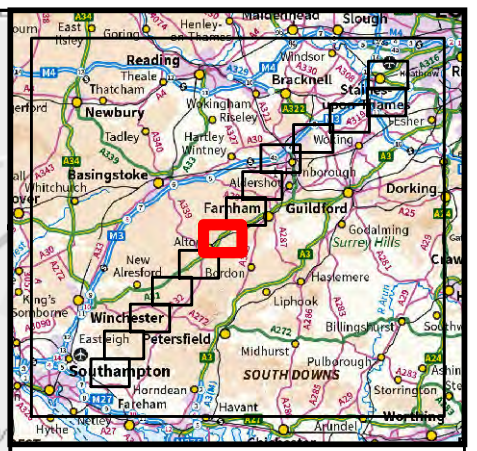
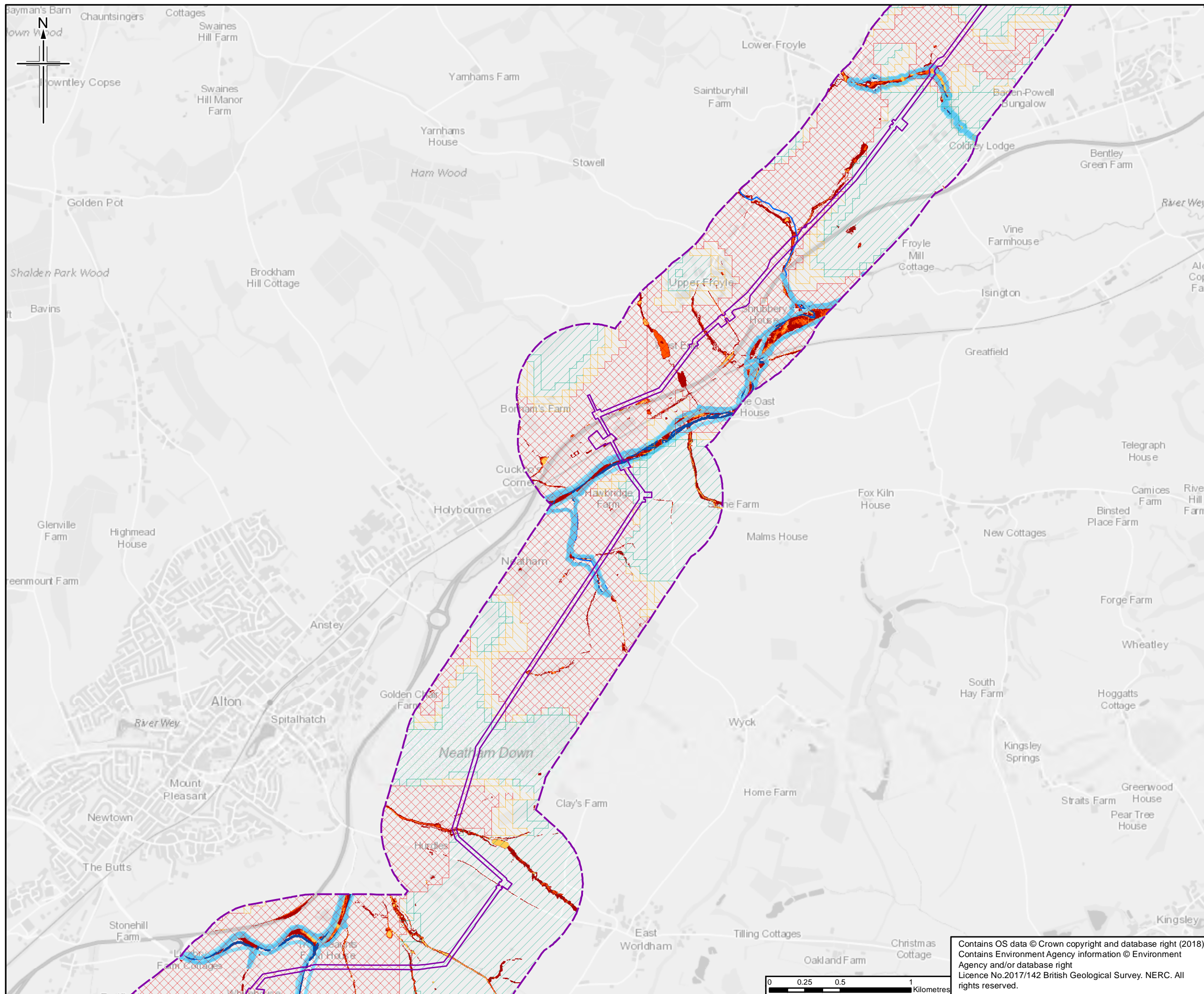


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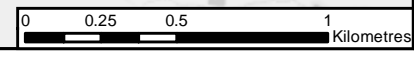
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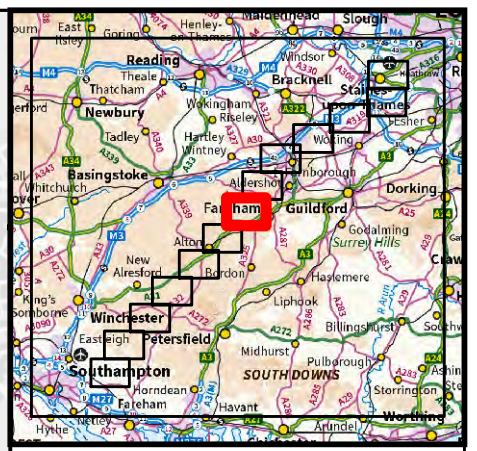
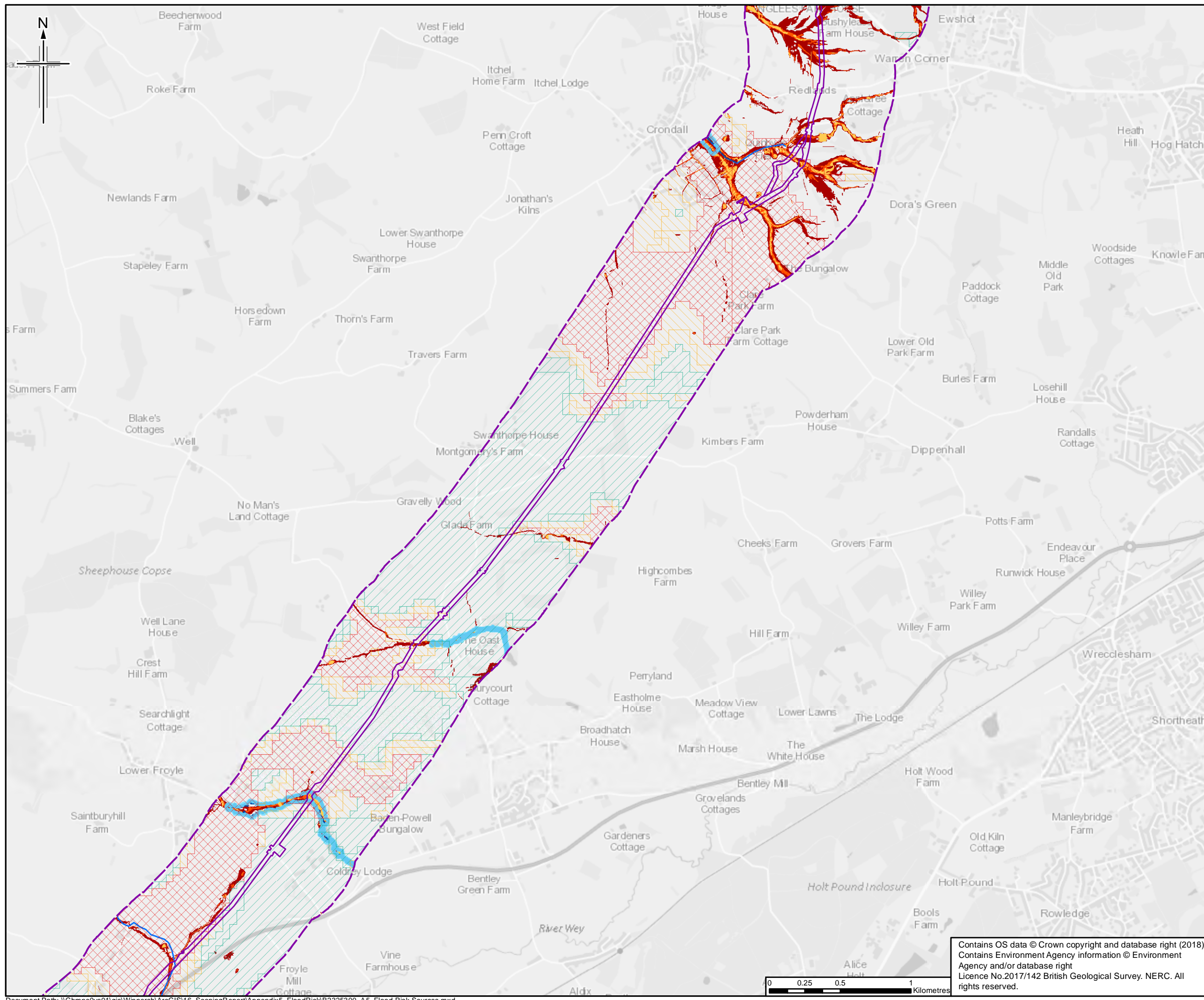


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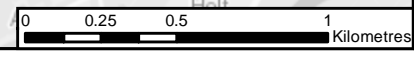
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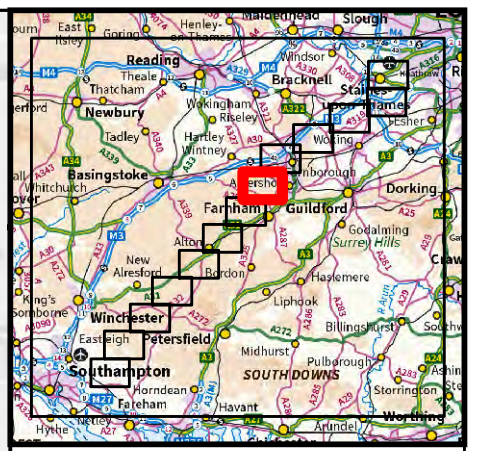
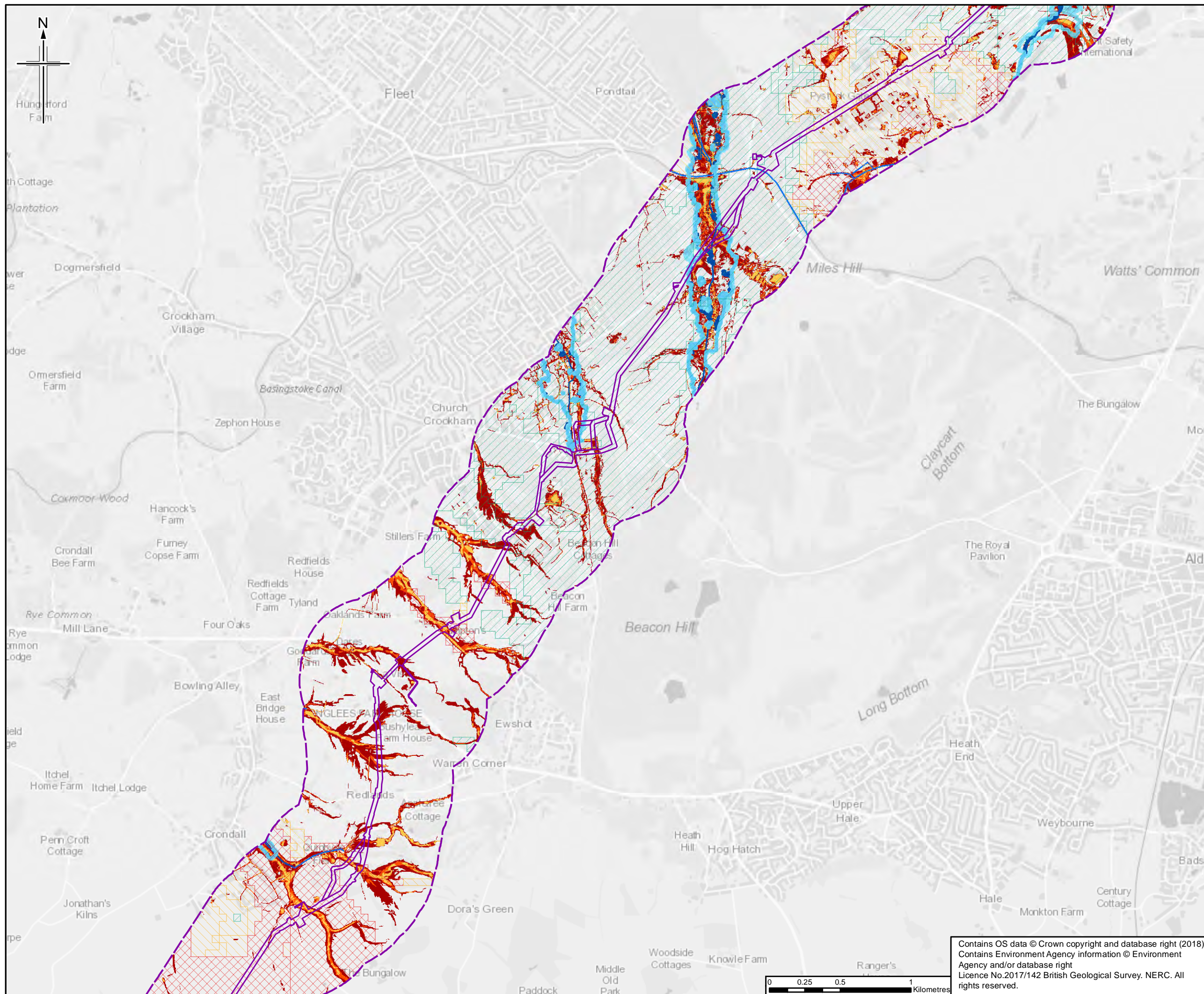
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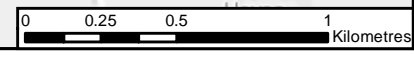
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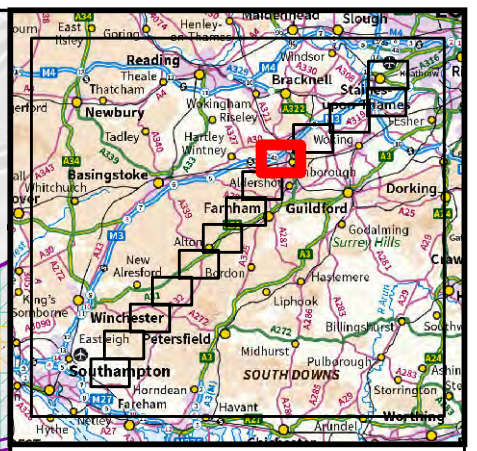
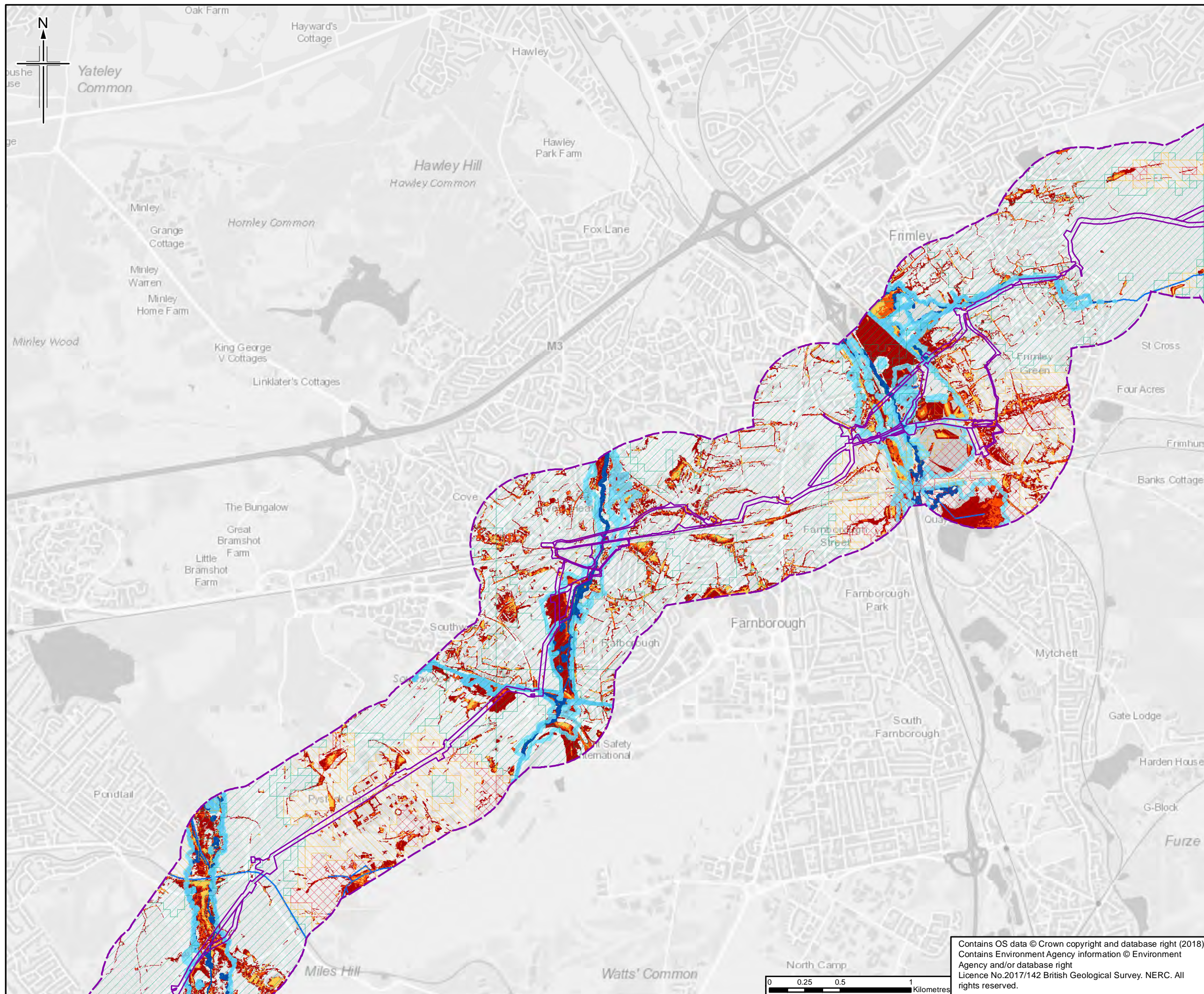
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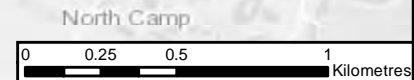
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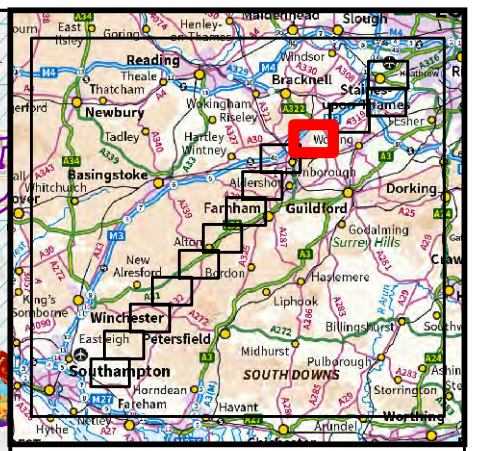
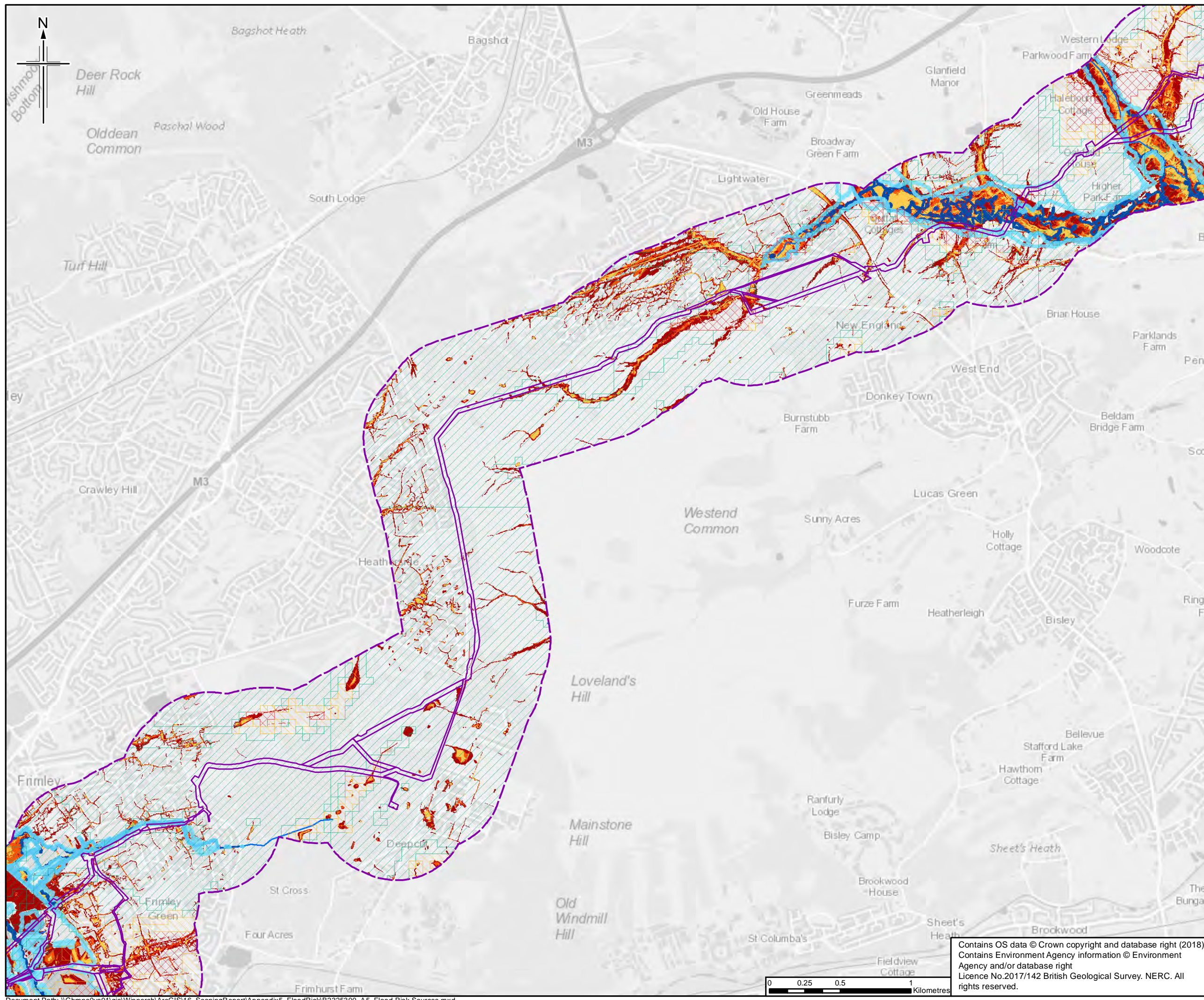
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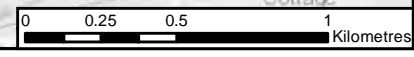


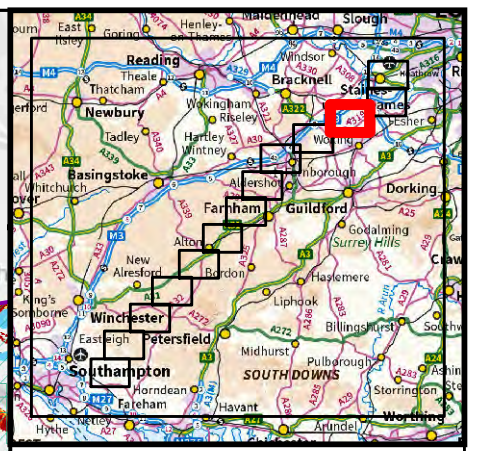
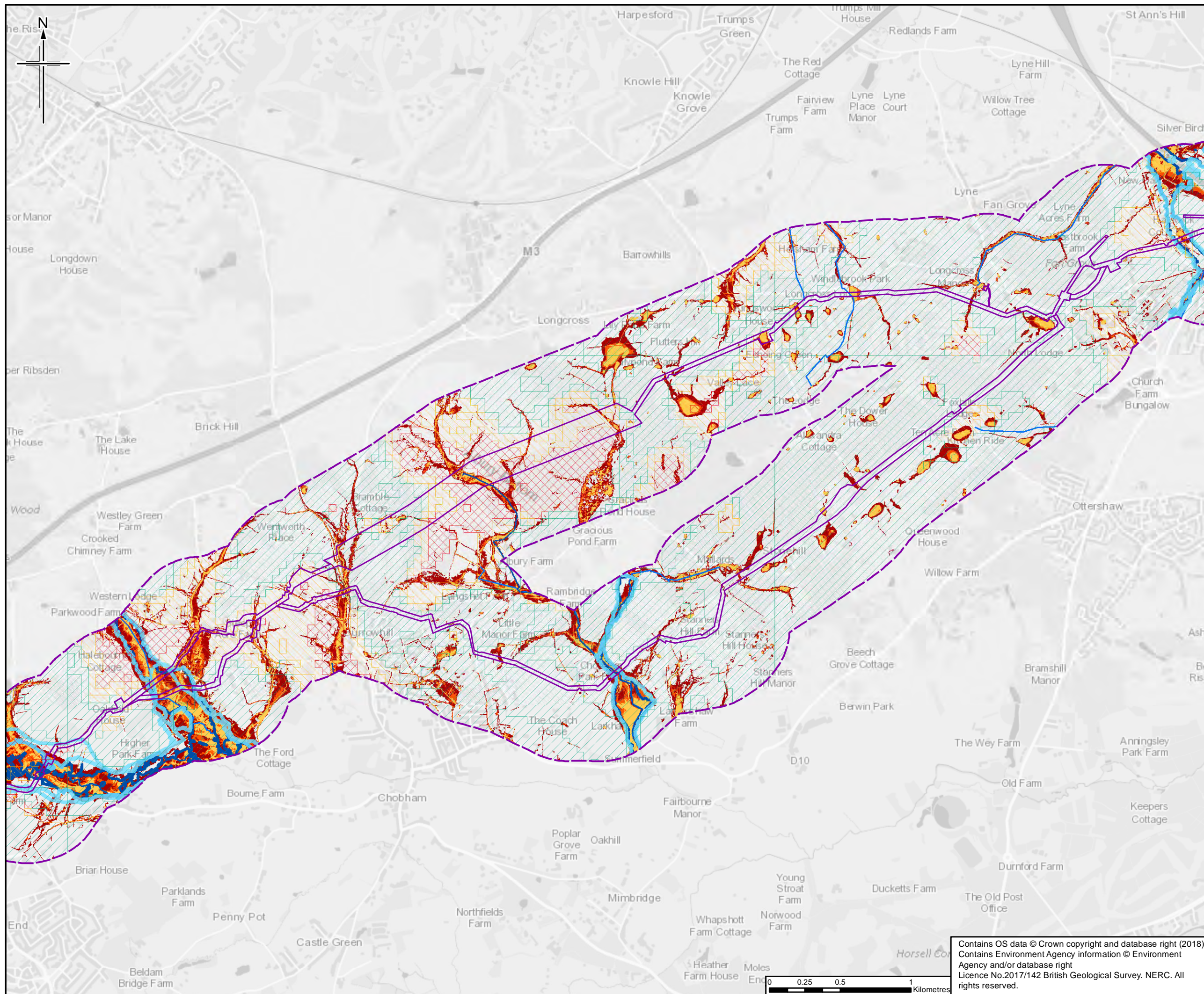
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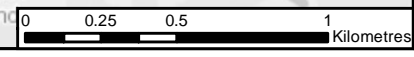
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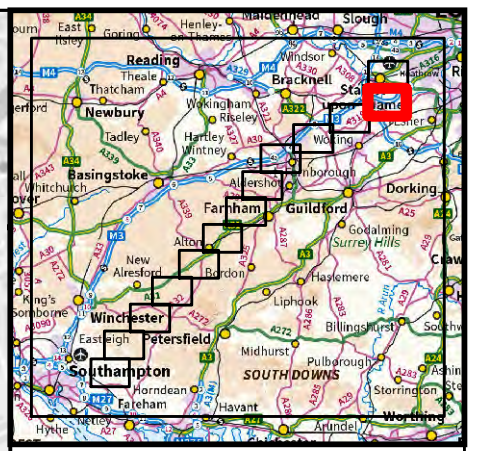
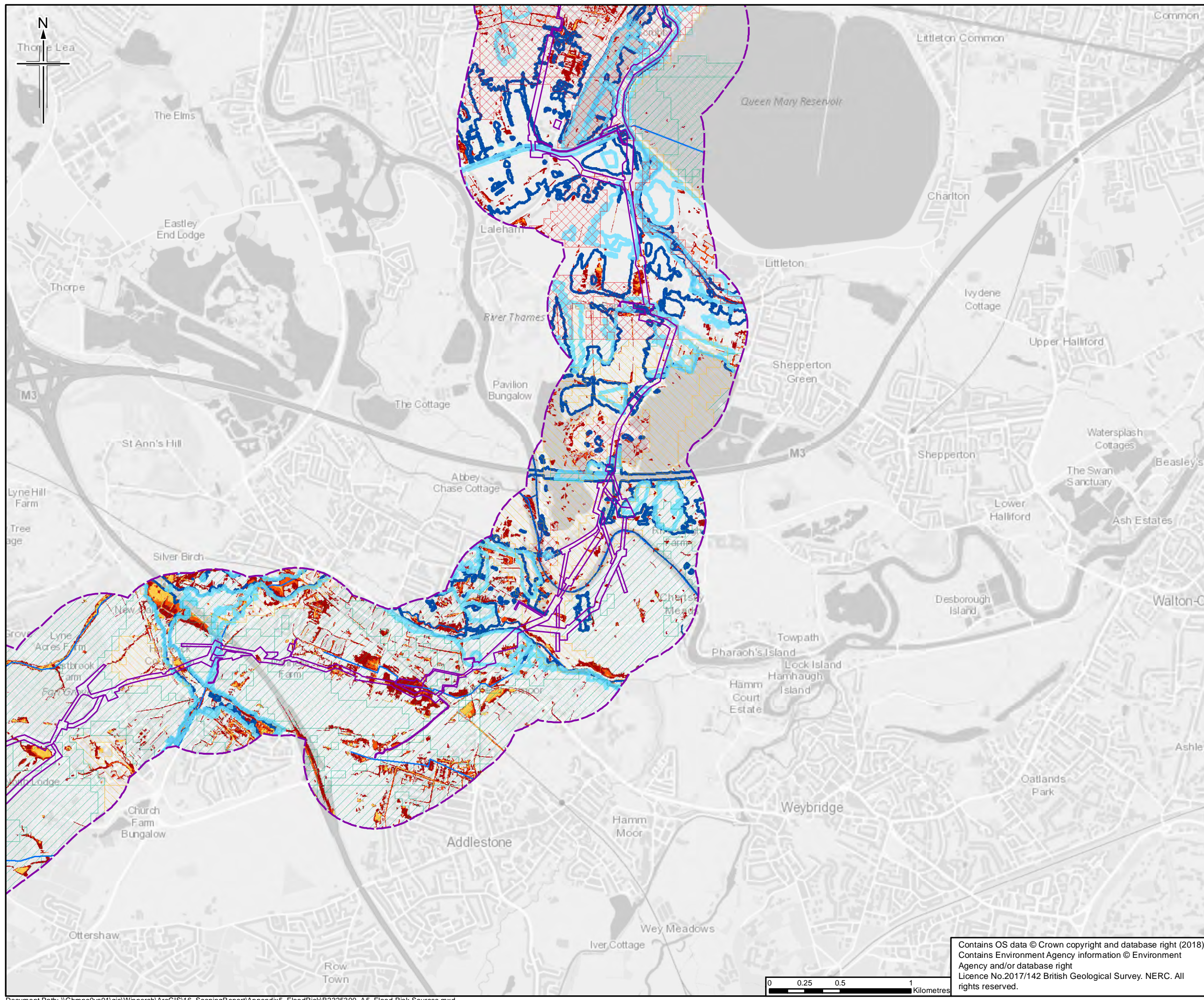
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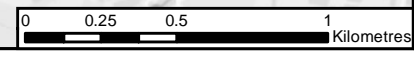
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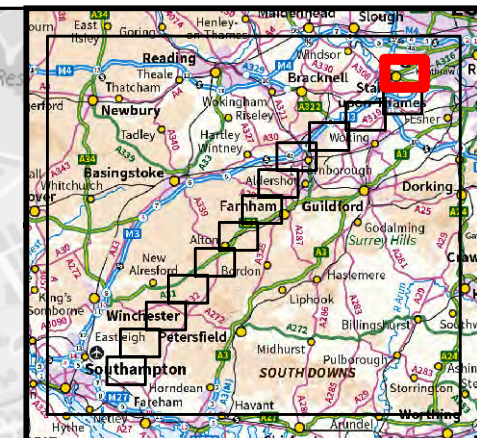
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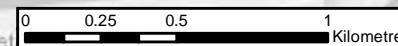
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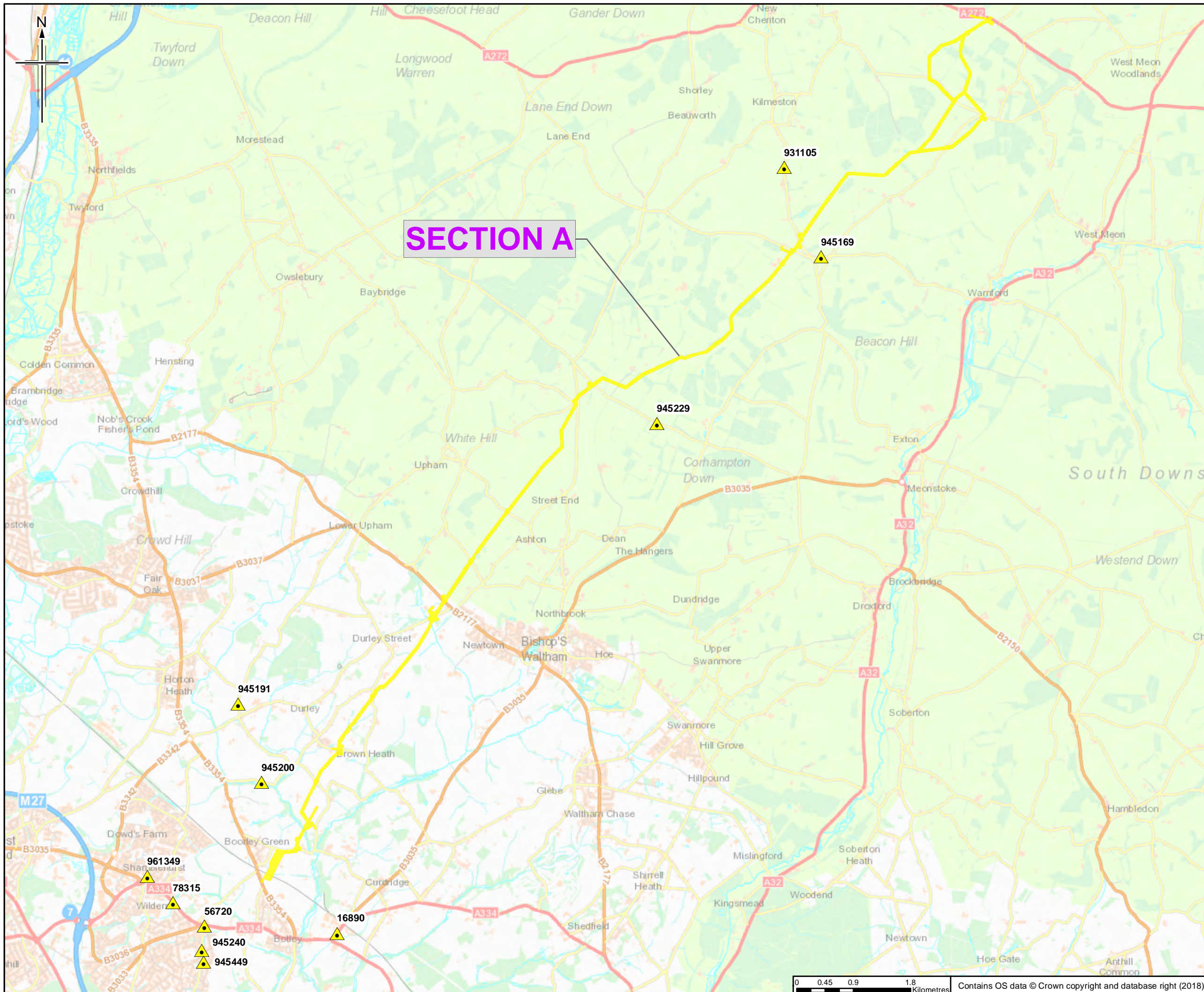
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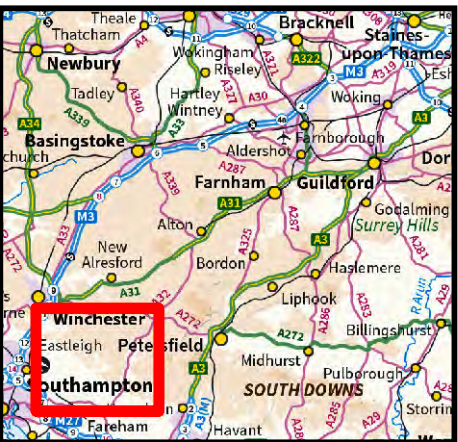
**Appendix 8.2**  
Figures

Scoping Report Volume 2





**SECTION A**



- Legend**
- DfT Traffic Flows
  - Section A Order Limits

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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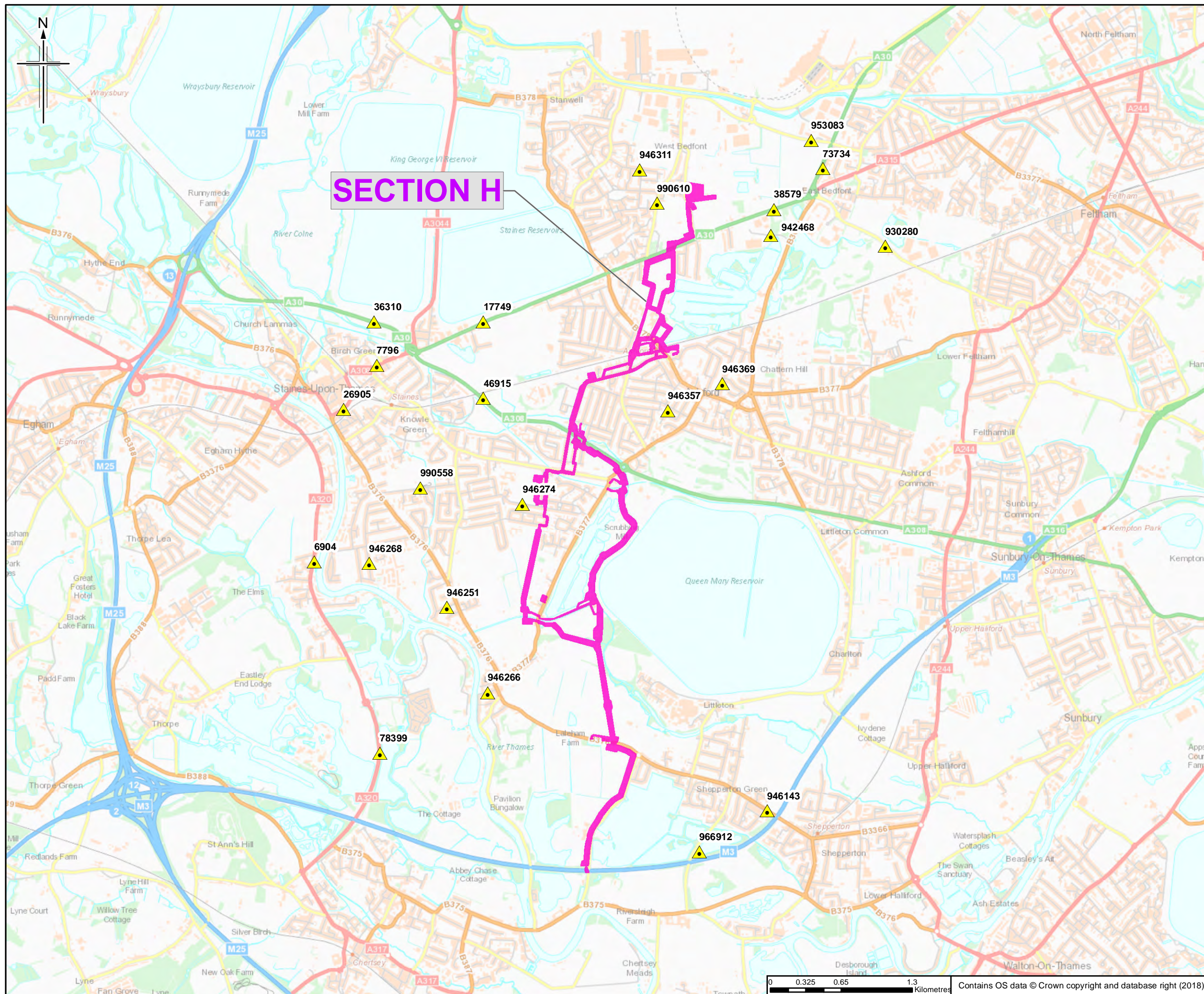
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- Legend**
- DfT Traffic Flows
  - Section H Order Limits

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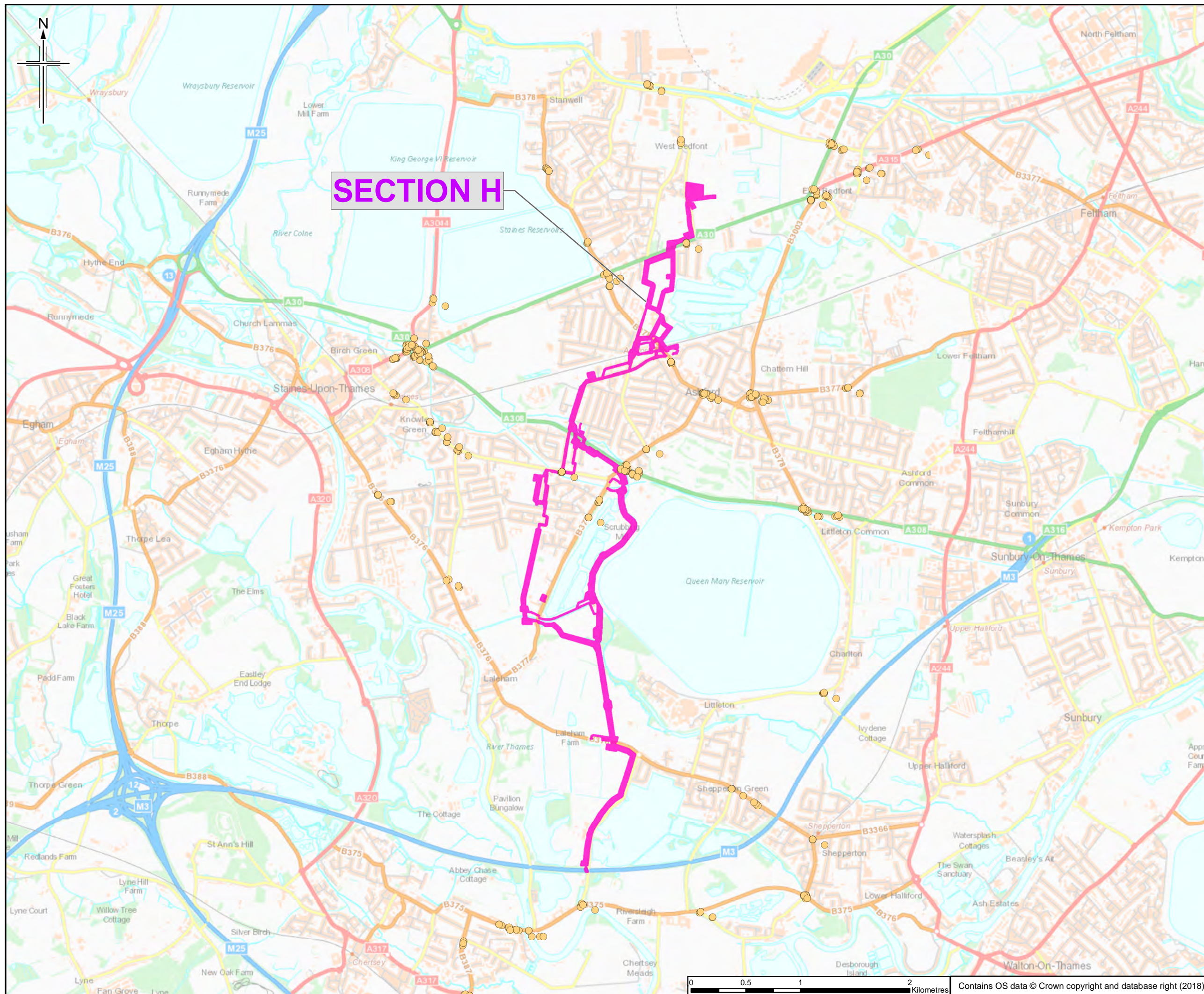
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**SECTION H DFT TRAFFIC FLOWS WITHIN 2KM OF THE PROPOSED PIPELINE**

Drawing Status	FOR ISSUE		
Scale	1:32,400	@ A3	DO NOT SCALE
Jacobs No.	B2325300		
BIM No.			
Drawing number	Figure A8.2.2 Sheet 1 of 1	Rev	0

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# SECTION H

- Legend**
- Collision Clusters 2km From Pipeline
  - Section H

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	27/06/18	For Issue	RK	VW	SM	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

**JACOBS**  
 1180 Estate Road, Wokingham, Wokingham, RG41 1TU, UK  
 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7001  
 www.jacobs.com

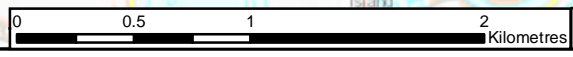
Client  
 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

Project  
 Southampton to London Pipeline Project

Drawing title  
**SECTION H COLLISION CLUSTERS WITHIN 2KM OF THE PROPOSED PIPELINE**

Drawing Status	FOR ISSUE	
Scale	1:32,400 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure A8.2.4 Sheet 1 of 1	Rev 0

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