

Southampton to London Pipeline Project

Volume 6

Environmental Statement (Volume D)
Appendix 9.5: Archaeological Mitigation Strategy
Application Document: 6.4

Planning Inspectorate Reference Number: EN070005
APFP Regulation No. 5(2)(a)
Revision No. 1.0
May 2019



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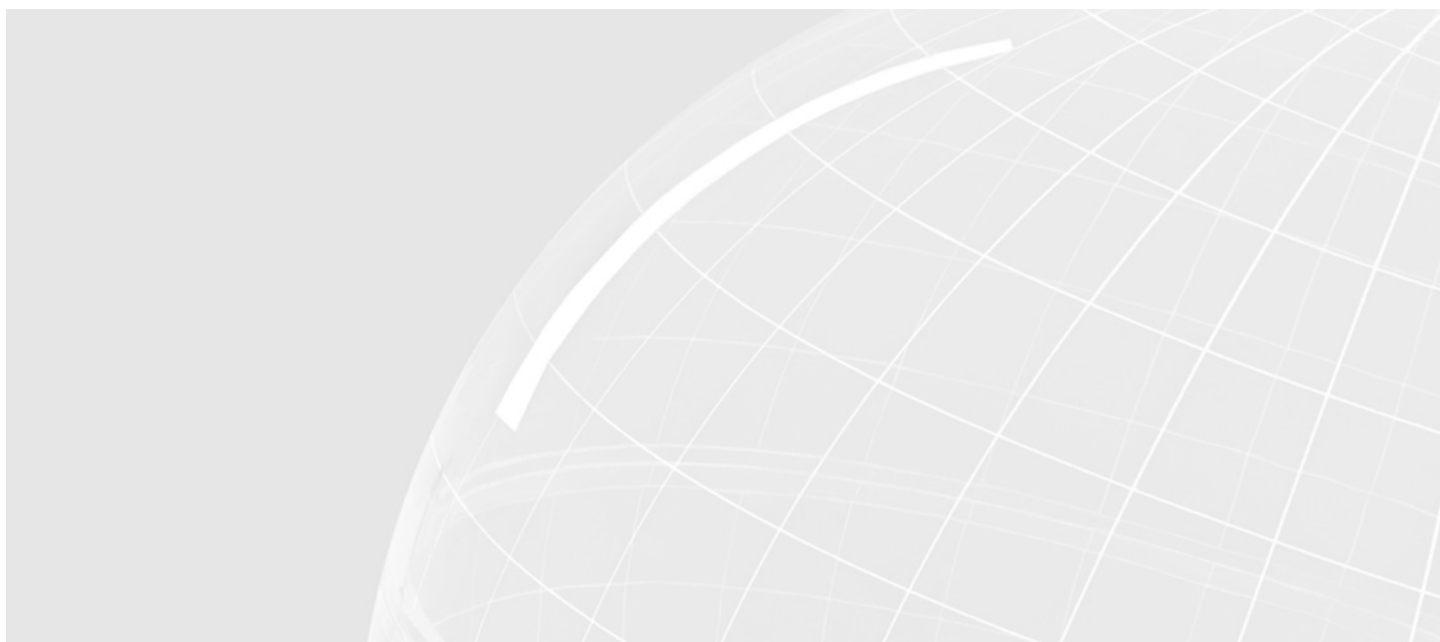
Southampton to London Pipeline Project

Esso Petroleum Company, Limited

Archaeological Mitigation Strategy

B2325399-JAC-000-ENV-APP-000075

May 2019





Project No: B2325300
Document Title: Archaeological Mitigation Strategy
Document No: B2325300-JAC-000-ENV-APP-000075
Revision: R1.0
Date: May 2019

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1 Introduction

- 1.1.1 Esso Petroleum Company, Limited (Esso) is making an application for development consent to replace 90km (56 miles) of its existing 105km (65 miles) aviation fuel pipeline that runs from the Fawley Refinery near Southampton, to the Esso West London Terminal storage facility in Hounslow.
- 1.1.2 The replacement pipeline is 97km (60 miles) long, and is referred to as the project within this Archaeological Mitigation Strategy (AMS). The areas of land to be permanently or temporarily used for the project are known as the Order Limits.
- 1.1.3 The project will replace the existing pipeline, which has an internal diameter of about 25cm, with a new pipeline that has an internal diameter of about 30cm. Replacement of the pipeline will maintain the supply of aviation fuel for years to come.
- 1.1.4 The route and Order Limits are broken down into eight separate sections:
- Section A – Boorley Green to Bramdean;
 - Section B – Bramdean to South of Alton;
 - Section C – South of Alton to Crondall;
 - Section D – Crondall to Farnborough;
 - Section E – Farnborough to Bisley and Pirbright Ranges;
 - Section F – Bisley and Pirbright Ranges to M25;
 - Section G – M25 to M3; and
 - Section H – M3 to the West London Terminal storage facility.
- 1.1.5 The AMS has been produced to support the application for development consent and the accompanying Environmental Statement (ES). The AMS is a good practice measure which is included in the Register of Environmental Actions and Commitments (REAC, included in Chapter 16 Environmental Management and Mitigation) and secured through Development Consent Order (DCO) requirements.
- 1.1.6 The design principles combined with considered design development has resulted in the project avoiding the majority of known heritage assets. Where this has not been possible or there is the potential for unknown archaeological remains, this document provides the means for determining archaeological requirements associated with the project. It sets out the aims and objectives, methodologies and process by which the programme of archaeological investigations would be delivered, including on-site (fieldwork) and off-site (post-excavation) works. The ES outlines areas of archaeological potential and known existing archaeological remains.
- 1.1.7 The two overarching principles regarding mitigation are:
- to either protect or preserve *in situ* any significant archaeological remains that may be found; or
 - to record (preservation by record) any significant archaeological remains that may be found.



- 1.1.8 A programme of investigations is required to establish the extent and significance of archaeological remains. This would be achieved by a combination of desk research, geophysical survey and trial trenching. The results of the investigation phase would be used to determine where preservation *in situ* can be applied and define the type of archaeological mitigation by record which would be required.

2 Archaeological Work

- 2.1.1 This document sets out the steps that would be undertaken to deliver the measures set out in the REAC in relation to the predicted effects of the project on archaeological remains, as outlined in Chapter 9 Cultural Heritage.
- 2.1.2 The preferred archaeological mitigation should be preservation *in situ* of identified heritage assets. Where this is not practicable, a range of archaeological techniques can be used to make a permanent documentary record of any archaeological remains removed or damaged by the project.
- 2.1.3 Where known or unknown archaeological remains would not be directly affected by the project, such remains would be left *in situ*. The preference for the developer will always be to route the pipeline within the Limits of Deviation so that identified heritage assets can be left where they are to avoid time and cost to the project.
- 2.1.4 The archaeological work outlined by this AMS relates to works within the Order Limits, and to works that take place prior to or during installation of the pipeline, with post-excavation analysis continuing after installation.
- 2.1.5 All commitments are listed within the REAC, within Chapter 16 Environmental Management and Mitigation. Commitments include embedded design measures, good practice measures, and mitigation required to reduce a significant effect. The most relevant commitments to the historic environment are the good practice measures set out in Table 2.1.

Table 2.1 Project Good Practice Measures Relating to the Historic Environment

Ref.	Commitment
G67	Measures presented within the Archaeological Mitigation Strategy would be taken to protect or preserve <i>in situ</i> or by record any significant archaeological remains that may be found.
G68	An archaeological contractor would carry out archaeological trial trenching, prior to the start of construction in areas set out in the AMS. This would examine a representative sample of the areas of potential or known archaeological remains within the Order Limits. The trenching would be scoped as necessary to quantify, characterise and date any archaeological remains found and allow for appropriate mitigation. The information gained by the archaeological trial trenching would be used to refine the programme of archaeological mitigation and determine the appropriate mitigation for any archaeological remains found. The level of mitigation would be agreed with the local authority archaeologists as advisors to the relevant planning authorities in accordance with the principles set out in the AMS and NPS-EN1. The archaeological mitigation would comprise either a full or sample excavation, stripping, mapping and sampling prior to construction, or an archaeological watching brief during construction.
G70	Where there is known archaeology that is not being removed and recorded, appropriate protection measures would be implemented. This could include signage and fencing, and reduction of topsoil stripping where practicable.



- 2.1.6 This AMS sets out the broad principles of the archaeological work. Where appropriate the proposed work would comprise the following targeted activities:
- archaeological trial trenching;
 - archaeological excavation;
 - archaeological strip, map and sample;
 - topographic survey of earthworks within the Order Limits;
 - palaeoenvironmental sampling and analysis;
 - archaeological watching brief;
 - preservation *in situ* of archaeological remains; and
 - post excavation work and appropriate and proportionate reporting and publication.
- 2.1.7 Where archaeological work is required, a site-specific Written Scheme of Investigation (WSI) would be prepared in consultation with the local authority archaeologist as advisor to the relevant planning authorities.
- 2.1.8 The extent of archaeological trial trenching and initial areas to be stripped, mapped and sampled are set out in Annex A and in Figures A9.5.1. The locations of other forms of archaeological mitigation and additional strip, map and sample will be informed by the results of the archaeological trial trenching.

2.2 Archaeological Trial Trenching

- 2.2.1 The aim of trial trenching is to determine the extent, complexity and state of preservation of archaeological remains. This will inform the detail of subsequent stages of mitigation.
- 2.2.2 Trial trenching will be carried out prior to the construction phase. This may include work ahead of development consent being granted.
- 2.2.3 A flexible and targeted approach has been developed for the trial trenching. This comprises the following proposals:
- a higher density of trenching in areas of no known disturbance and unknown archaeological potential;
 - a lower density of trenching in areas where strip, map and sample has been committed to, for example extensive field systems on the South Downs National Park; and
 - a lower density of trenching where the three existing pipelines (dating from c.1962 and 1969-72) are assumed to have caused disturbance. This assumption will be tested by the trial trenching.
- 2.2.4 Full excavation of features would not be undertaken at this stage. Care would be taken not to damage archaeological deposits through excessive use of mechanical excavation. Complex structural features would be left *in situ*. In some cases, it may be necessary simply to define their presence on the surface, e.g. ovens or kilns, without trying to excavate partially-defined features. Masking deposits, e.g. surface



deposits, would be appropriately sampled by hand. The strategy for environmental sampling would be in accordance with Historic England's environmental archaeology guidance (Historic England, 2011).

- 2.2.5 The locations of archaeological trial trenching are set out in Annex A and Figures A9.5.1.

2.3 Archaeological Mitigation

- 2.3.1 The results of the archaeological trial trenching, desk-based survey and geophysical survey will be used to design the most appropriate mitigation. The following sets out the range of mitigation techniques to be used.

Archaeological Excavation

- 2.3.2 Archaeological excavation is a targeted programme of controlled, intrusive fieldwork with defined objectives which examines, records and interprets archaeological deposits, features and structures and, as appropriate, retrieves artefacts, ecofacts and other remains within a specified area or site. The records made and objects gathered during fieldwork are studied and the results of that study published in detail appropriate to the project design.
- 2.3.3 The aim of archaeological excavation is to preserve by record, archaeological remains that may be altered, damaged or destroyed by construction works.
- 2.3.4 A proportionate approach would be applied to each area of archaeological excavation. The excavation would record the significance of the asset so that information is available to this and future generations.

Archaeological Strip, Map and Sample

- 2.3.5 An archaeological controlled strip aims to remove topsoil to the working depth required by the contractor(s), under the direction of a suitably qualified archaeologist, within the development footprint. This can also be referred to as 'strip, map and sample'.
- 2.3.6 The objective is to allow the monitoring archaeologist a clear view of previously undisturbed horizons which may reveal archaeological features, sites, artefacts or structures.
- 2.3.7 Where strip, map and sample reveals complex archaeological remains trial trenching may be required to refine any further mitigation.
- 2.3.8 Locations provisionally identified for further controlled strip will be subject to appropriate consultation with the local authority archaeologists as advisors to the relevant planning authorities, prior to field work commencing.

Topographic Survey

- 2.3.9 A topographic survey could be carried out where earthwork remains associated with heritage assets are visible within the Order Limits. This would comprise a measured survey of the visible earthwork remains within the Order Limits.



Palaeoenvironmental and Geoarchaeological Sampling and Analysis

- 2.3.10 A programme of recording, assessment and analysis is proposed where there is potential for palaeoenvironmental and geoarchaeological interest within the Order Limits.
- 2.3.11 An assessment would be undertaken of sub-samples to determine the preservation diversity within the samples. This would examine:
- pollen;
 - diatoms;
 - foraminifera; and
 - plant macro remains.

Targeted Watching Brief

- 2.3.12 The Chartered Institute for Archaeologists' definition and purpose of a watching brief (CIfA, 2014b) is:
- *'...a formal programme of observation and investigation conducted during any operation carried out for non-archaeological reasons.'*
 - *'...to allow, within the resources available, the preservation by record of archaeological deposits, the presence and nature of which could not be established (or established with sufficient accuracy) in advance of development or other potentially disruptive works.'*
 - *to provide an opportunity, if needed, for the watching archaeologist to signal to all interested parties, before the destruction of the material in question, that an archaeological find has been made for which the resources allocated to the watching brief itself are not sufficient to support treatment to a satisfactory and proper standard'.*

Preservation *in situ* of Archaeological Remains

- 2.3.13 Where the conservation of the whole or a material part of a heritage asset's significance is justified (e.g. for assets of demonstrably equivalent significance to a designated heritage asset), and where preservation *in situ* is achievable, the following techniques would be considered:
- avoidance of the heritage asset through a minor variation (within the Limits of Deviation) in the proposed working area;
 - use of non-open cut techniques, where practicable; and
 - protection of subsoil within the working area (e.g. trackway panels, topsoil retention, or other suitable technique).
- 2.3.14 Implementation of any of the above techniques will be undertaken in consultation with Esso, the Project Team, the contractor(s), the archaeological contractor, and the local authority archaeologists as advisors to the relevant planning authorities; and could be influenced by other environmental constraints.



- 2.3.15 The contractor(s) will be provided with the locations and descriptions of all known heritage assets within and adjacent to construction works, including restrictions to construction methods to protect heritage assets.

2.4 Unexpected Archaeological Discoveries

- 2.4.1 The AMS has been designed to establish a robust predictive model that reduces the likelihood of unexpected archaeological discoveries during construction.
- 2.4.2 In the event of unexpected archaeological discoveries during construction, work will cease in the vicinity and an archaeologist will be contacted immediately. The area must be made safe, sufficient for the archaeologist to inspect the remains and advise on what, if any, further investigations are required.
- 2.4.3 In the case of small-scale routine remains, the archaeological team may be able to investigate and record them immediately, so that construction work may continue.
- 2.4.4 In the case of more extensive or significant discoveries the archaeologist will liaise with Esso and statutory consultees in order that suitable mitigation may be agreed and implemented with minimum delay.

2.5 Post Excavation, Publication and Archive Deposition

- 2.5.1 In accordance with the principles of Management of Research Projects in the Historic Environment (Historic England 2006) and the Management of Archaeological Projects, (Historic England 1991), an updated methodology (referred to as a project design in the Historic England documents) will be produced, a staged programme of post-excavation analysis, assessment and reporting will be undertaken, to commence on completion of archaeological mitigation fieldwork.
- 2.5.2 A site archive will be prepared in accordance with the standards in 2.5.1. This will contain all the data collected during the archaeological investigations. Arrangements for the deposition of the archive at an appropriate repository will be agreed with the local authority archaeologist as advisor to the relevant planning authorities.
- 2.5.3 In line with EN-1 para 5.8.20 (DECC 2011) the developer is required to publish the results of the archaeological work. This may range from technical volumes (thematic or period-based) to popular booklets, and could include temporary exhibitions, work with schools or web-based initiatives.

References

Chartered Institute for Archaeologists (CIfA) (2014a). Standard and Guidance for Archaeological Excavation.

Chartered Institute for Archaeologists (CIfA) (2014b). Standard and Guidance for Archaeological Watching Brief.

Department of Energy and Climate Change (DECC). 2011. Overarching National Policy Statement for Energy (EN-1). London: The Stationery Office.



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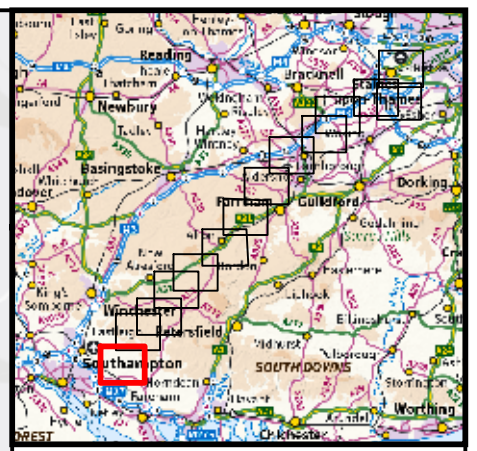
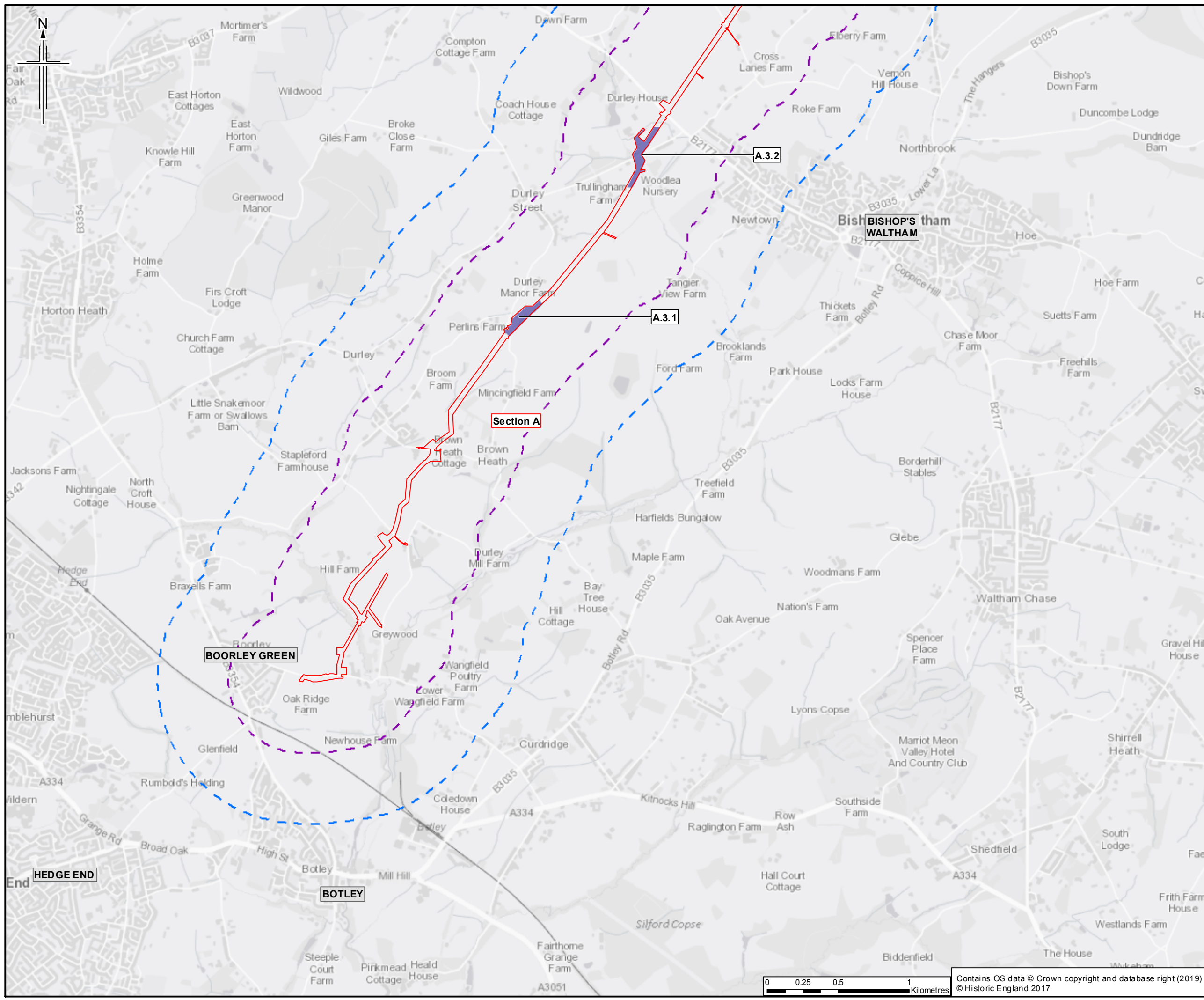


Annex A: Trial Trenching Locations

Reference	Description / Justification for Proposed Trial Trenching
Compounds and logistics hubs	Compounds are frequently sited away from disturbance caused by existing pipelines and are of sufficient size to warrant archaeological trial trenching. It is proposed that all compounds and logistics hubs are considered for trial trenching, but the final list will be based on current ground conditions.
A.3.1	At this point the Order Limits are 75m wide, and a prehistoric enclosure Asset 65, is 90m to south of Order Limits. The presence of this heritage asset indicates the potential for unknown archaeological remains.
A.3.2	At this point the Order Limits are between 60 and 70m wide. A Roman road (Asset 1131) crosses the Order Limits. The presence of this heritage asset indicates the potential for unknown archaeological remains.
A.4.1 / A.5.1	The Order Limits are away from existing pipelines. The targeted geophysical survey identified anomalies that suggest archaeological remains. A potential Roman site (Asset 94) and field systems mapped from aerial photography are within the Order Limits. The presence of these heritage assets indicates the potential for unknown archaeological remains.
A.5.2	The Order Limits are away from existing pipelines. Field systems (Asset 1590) mapped from aerial photography are within the Order Limits and Prehistoric and Roman enclosures (Assets 89 and 112) are present. The presence of these heritage assets indicates the potential for unknown archaeological remains.
A.6.1	The Order Limits are away from the existing pipelines. This is an extensive area of known prehistoric activity and the targeted geophysical survey identifies anomalies that suggest archaeological remains. There are numerous field systems mapped from aerial photography within the Order Limits and Round Barrows (Asset 132, 139 and 140) are found on either side of the Order Limits. The presence of these heritage assets indicates the potential for unknown archaeological remains.
B.7.1	For part of this area the Order Limits are away from existing pipelines. Where the Order Limits include the existing pipelines, the proximity of Bramdean Roman Villa, a scheduled monument (Asset 1108) and other associated heritage assets indicates the potential for unknown archaeological remains. Fields mapped from aerial photography systems (Assets 1686 and 1702) are within the Order Limits where they are away from the existing pipelines. The presence of these heritage assets indicates the potential for unknown archaeological remains.
B.7.2	The Order Limits are away from existing pipelines. Field systems (Asset 190) mapped from aerial photography are within the Order Limits. The presence of this heritage asset indicates the potential for unknown archaeological remains.
B.8.1	The Order Limits are away from existing pipelines. The presence of substantial enclosures (Assets 199 and 201) to the east of the Order Limits, and scatters of Roman pottery (Asset 196) indicates the potential for unknown archaeological remains.
B.9.1	The Order Limits are away from existing pipelines. The presence of a single Roman cremation burial (Asset 209) and flint tools (Asset 210) indicates the potential for unknown archaeological remains.
B.9.2	The Order Limits are away from existing pipelines. The presence of large areas of flint scatters (Assets 230, 231 and 1212), indicates the potential for unknown archaeological remains.
B.10.1	The Order Limits are away from existing pipelines. The targeted geophysical survey identified an unknown potential enclosure within the Order Limits. The presence of a further enclosure (Asset 301), together with other earthworks (Asset 294) and flint scatters (Asset 292) indicates the potential for unknown archaeological remains.



Reference	Description / Justification for Proposed Trial Trenching
C.11.1	The Order Limits are away from the existing pipelines. Water Lane (Asset 1719), a historic Holloway, crosses the Order Limits. A potential manor site (Asset 312) and the presence of flints and pottery scatters (Assets 310 and 311) indicate the potential for unknown archaeological remains.
C.12.1	The Order Limits are away from the existing pipelines. Field systems (Assets 1675 and 1709) mapped from aerial photography are within the Order Limits. The presence of these heritage assets indicates the potential for unknown archaeological remains.
C.12.2	The desk-based survey indicates there is a high potential for Roman and Iron Age archaeological remains within this area. A Roman road (Asset 1534) crosses the Order Limits. The presence of this heritage asset and the desk-based survey indicate the potential for unknown archaeological remains.
C.12.3	The desk-based survey indicates there is a high potential for Roman and Iron Age archaeological remains within this area. A Roman road (Asset 1535) crosses the Order Limits. The presence of this heritage asset and the desk-based survey indicates the potential for unknown archaeological remains.
C.13.1	At this point the Order Limits are between 60 and 70m wide. A Roman road (Asset 1288) crosses the Order Limits. The presence of this heritage asset indicates the potential for unknown archaeological remains.
C.14.1	The targeted geophysical survey identifies a potential ring ditch within the Order Limits at this point. The presence of this heritage asset indicates the potential for unknown archaeological remains.
C.14.2	The Order Limits are away from existing pipelines. The presence of the earthworks at Penley, a scheduled monument (Asset 461), indicates the potential for unknown archaeological remains.
C.14.3	At this point the Order Limits widen to 120m. The presence of a Roman Villa (Asset 523) and Barley Pound earthworks, a scheduled monument (Asset 546) indicates the potential for unknown archaeological remains.
D.15.1	The Order Limits are away from existing pipelines. The presence of a field system (Asset 1300) and the possible site of Crondall Pottery (Asset 583) indicates the potential for unknown archaeological remains.
F.25.1	The Order Limits are away from existing pipelines. The presence of an oval enclosure (Asset 812) indicates the potential for unknown archaeological remains.
F.26a.1	At this point the Order Limits widen to 120m. The presence of a Roman road (Asset 1382), which crosses the Order Limits, and a Bowl Barrow (a scheduled monument (Asset 858)) indicates the potential for unknown archaeological remains.
F.27.1	The Order Limits are away from existing pipelines. A Roman road (Asset 1539) crosses the order limits. A possible moated site (Asset 927) lies to the north of the Order Limits and flint tools (Asset 934) are recorded in the area. The presence of these heritage assets indicates the potential for unknown archaeological remains.
G.29.1	The Order Limits are away from existing pipelines. The presence of an enclosure (Asset 1029) indicates the potential for unknown archaeological remains.



- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

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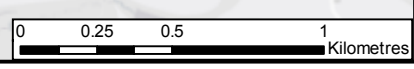
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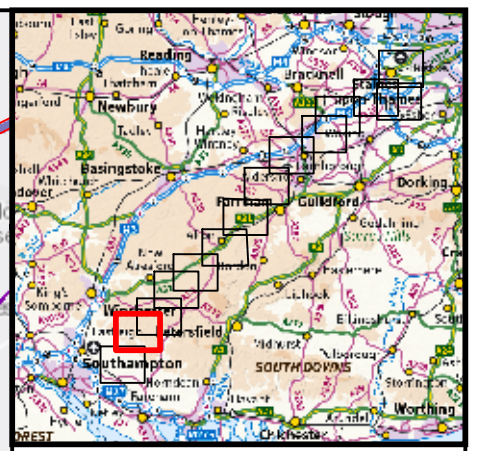
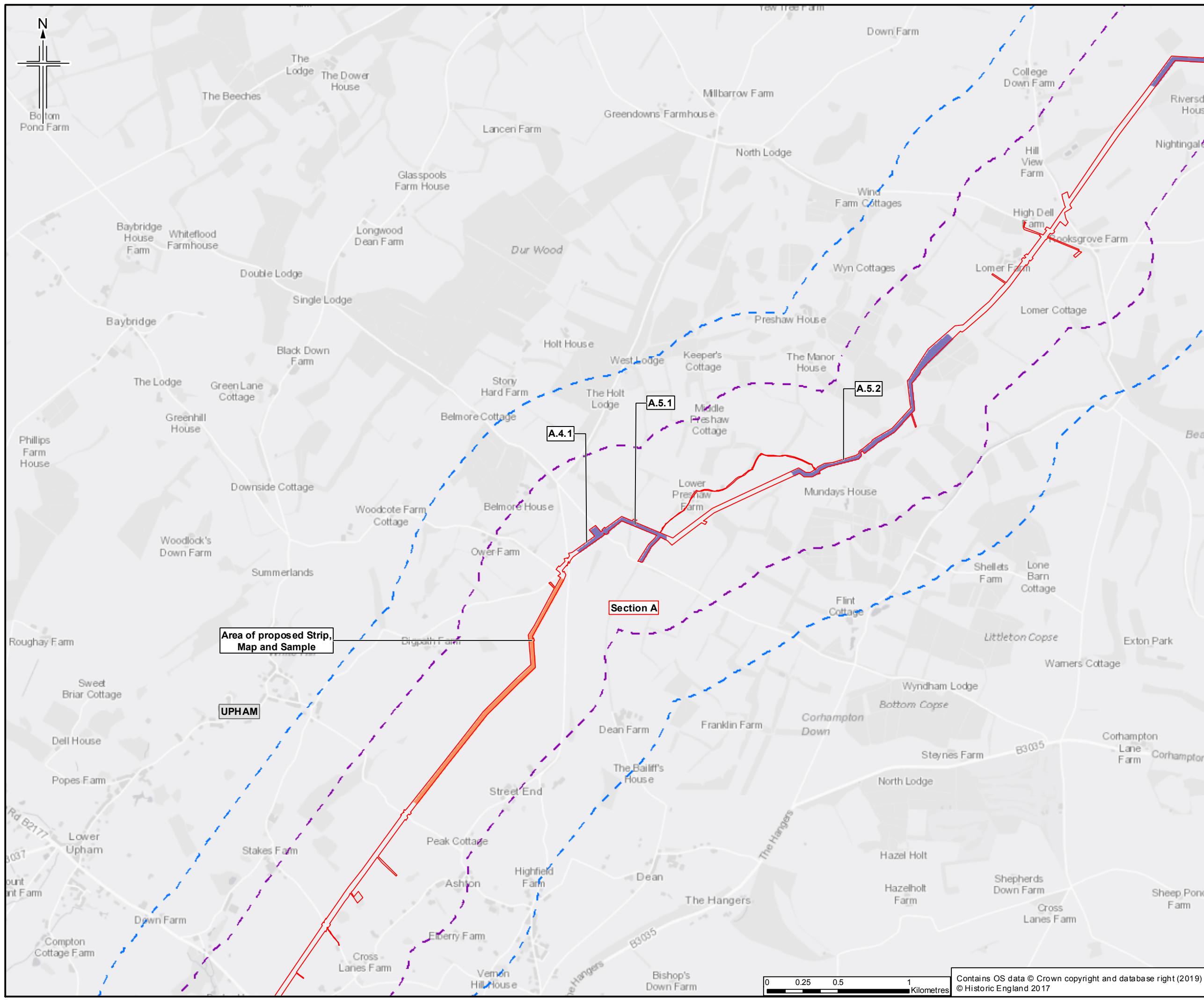
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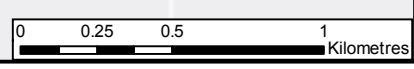
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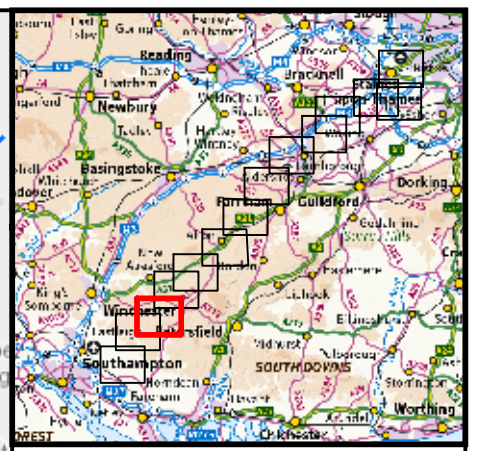
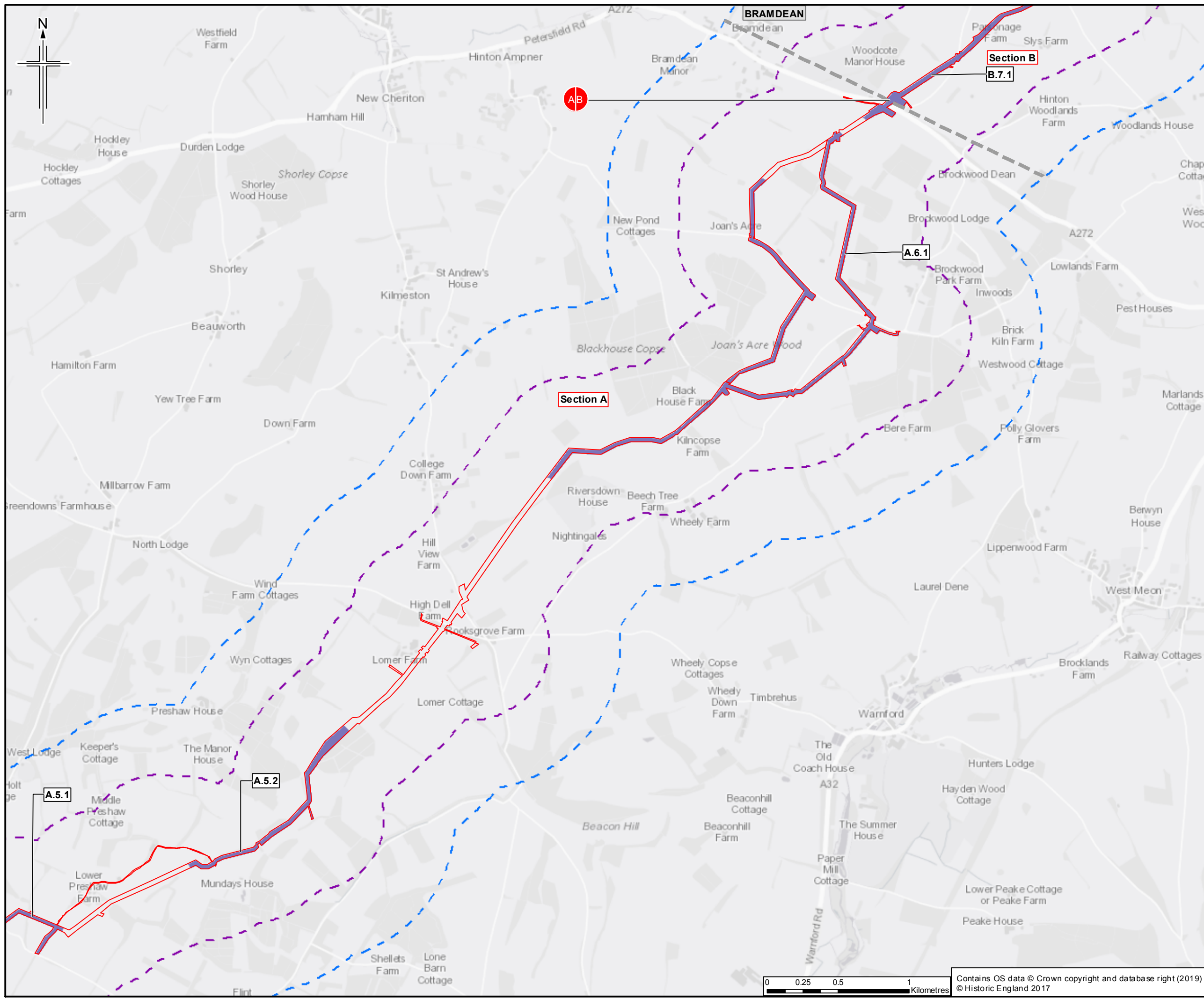
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 - Archaeological trial trenching

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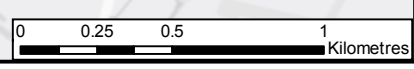


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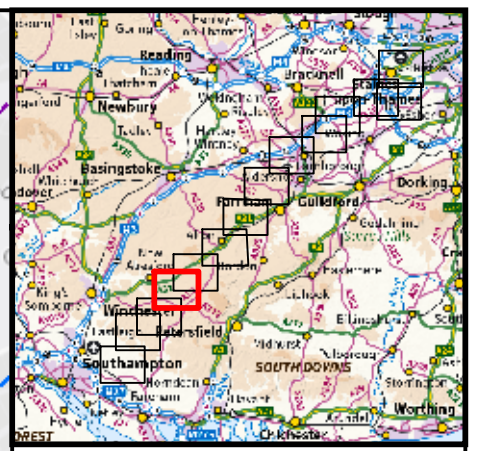
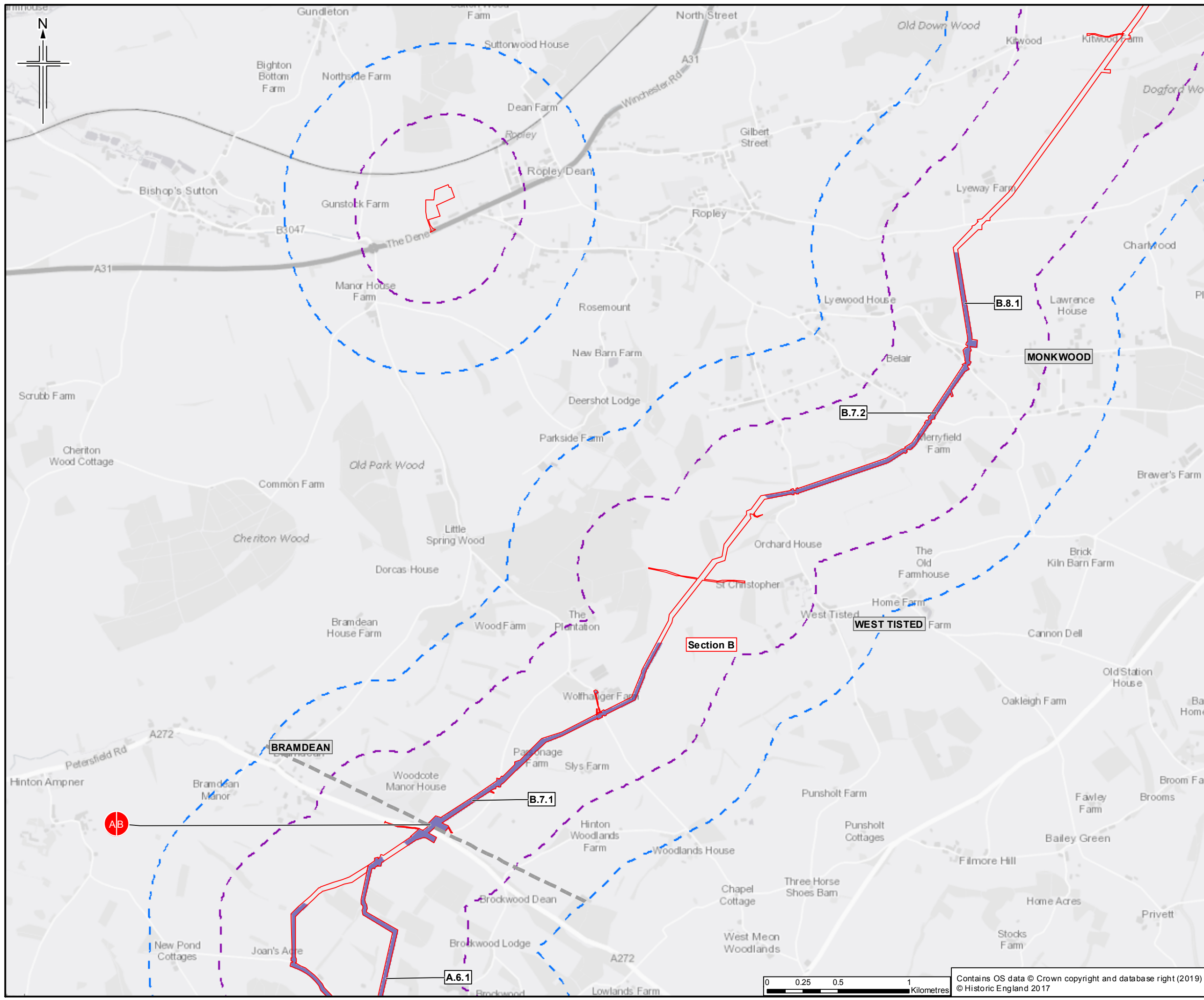
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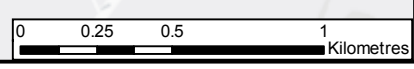


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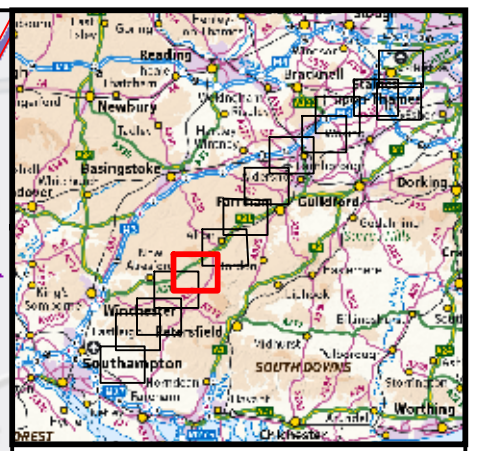
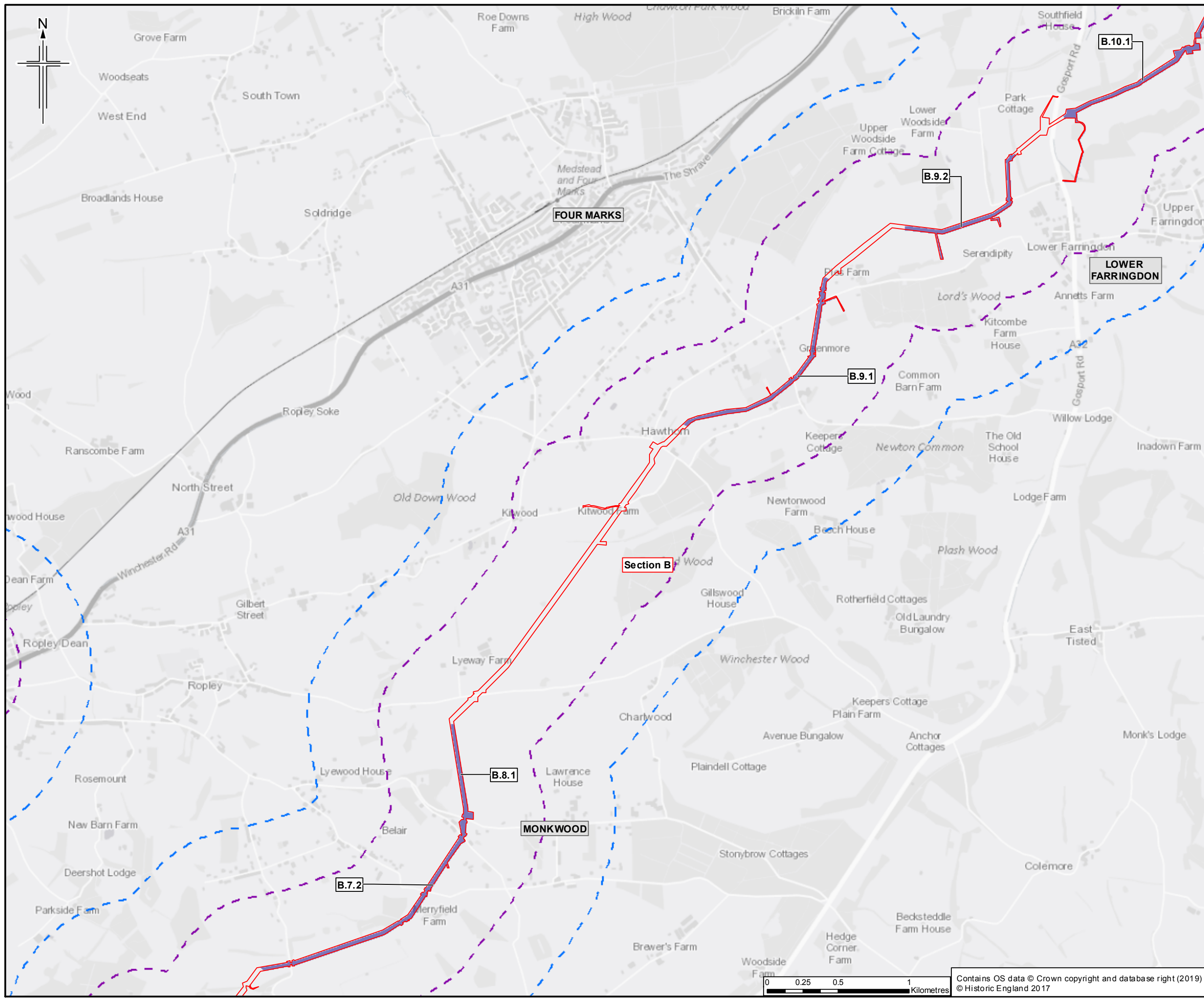
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- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays part of Section B

Rev.	Date	For Issue	HM	NS	ED	SH
0	11/02/2019	For Issue				

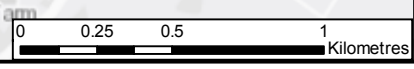


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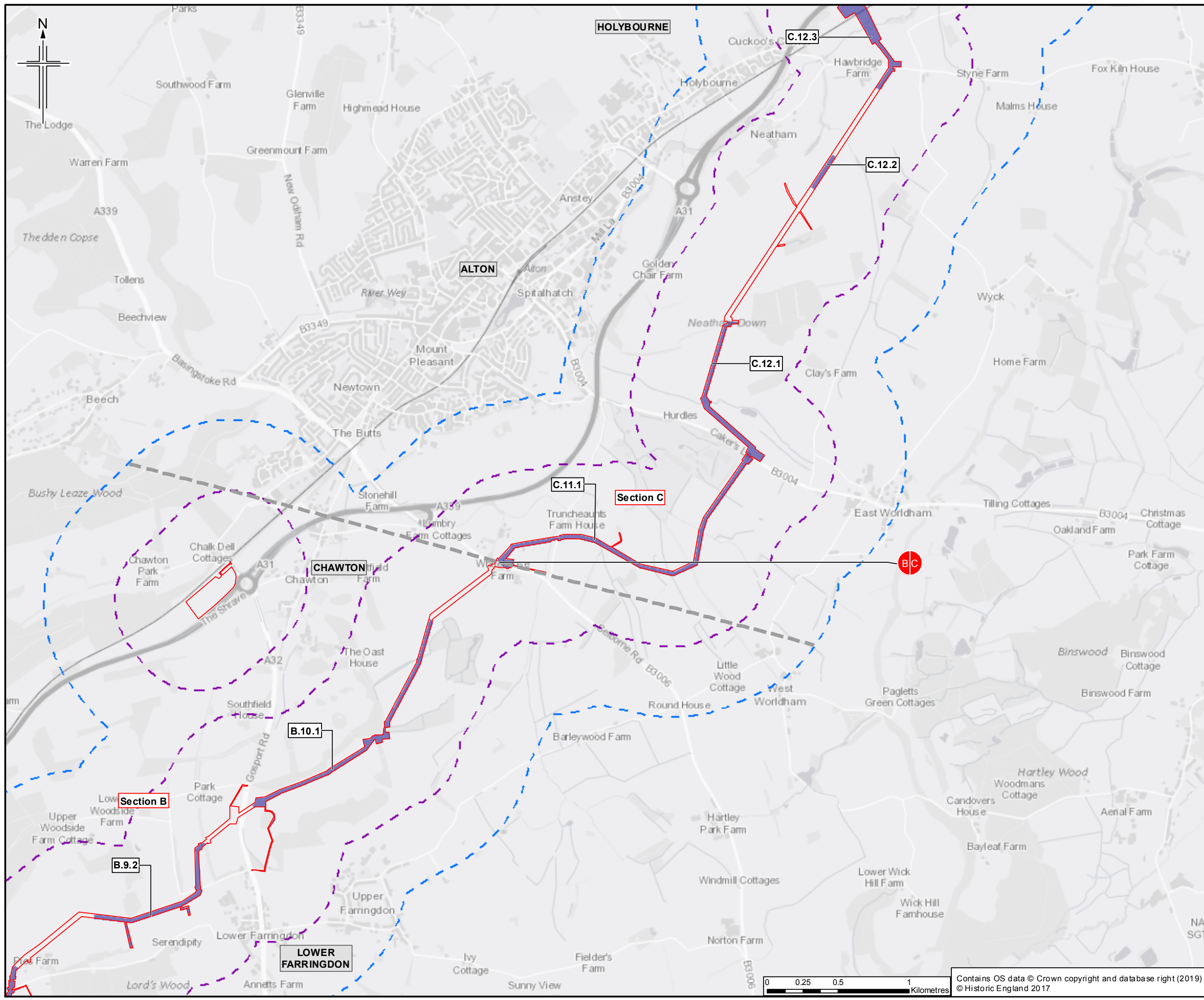
Drawing title
**ENVIRONMENTAL STATEMENT
PROPOSED LOCATION OF
ARCHAEOLOGICAL TRIAL TRENCHING**
APFP Reg. (2009) 5(2)(o)

Drawing Status	For Issue
Scale	1:25,000 @ A3 DO NOT SCALE
Jacobs No.	B2325300
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001328
Drawing number	Figure A9.5.1 Sheet 5 of 14
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- Legend**
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 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays parts of Section B and Section C

Rev.	Date	Purpose of revision	Orig/Drawn	Checked	Rev'd	Apprv'd
0	11/02/2019	For Issue	HM	NS	ED	SH

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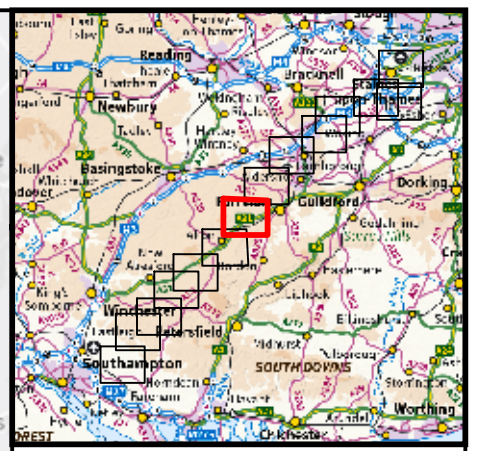
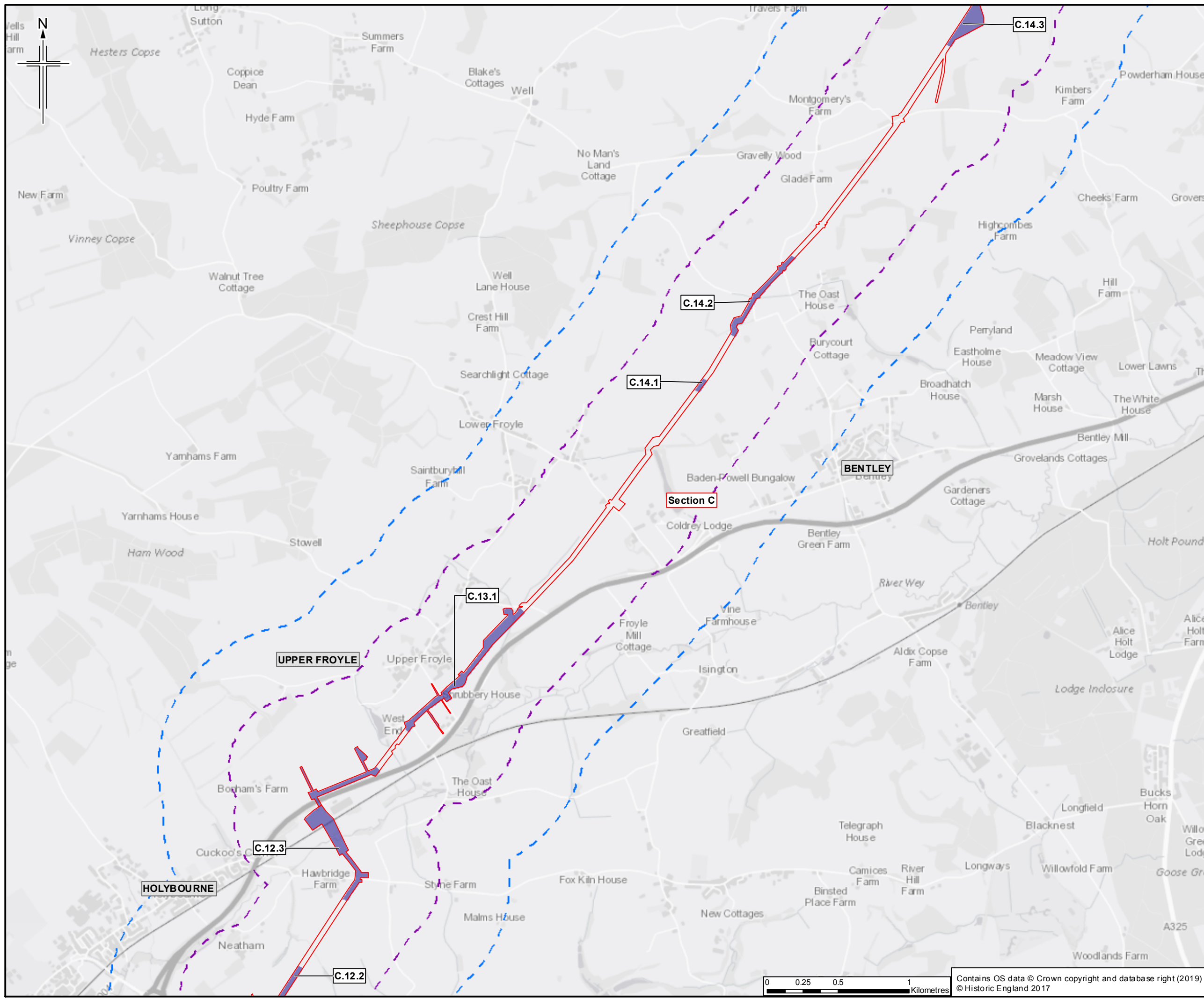
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Drawing title
**ENVIRONMENTAL STATEMENT
 PROPOSED LOCATION OF
 ARCHAEOLOGICAL TRIAL TRENCHING**
 APFP Reg. (2009) 5(2)(o)

Drawing Status	For Issue	Scale
Scale	1:25,000 @ A3	DO NOT SCALE
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 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays part of Section C

0	11/02/2019	For Issue	HM	NS	ED	SH
Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

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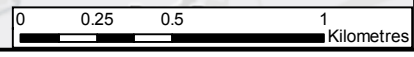
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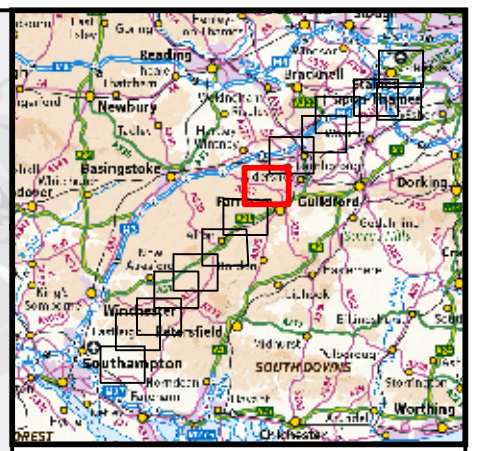
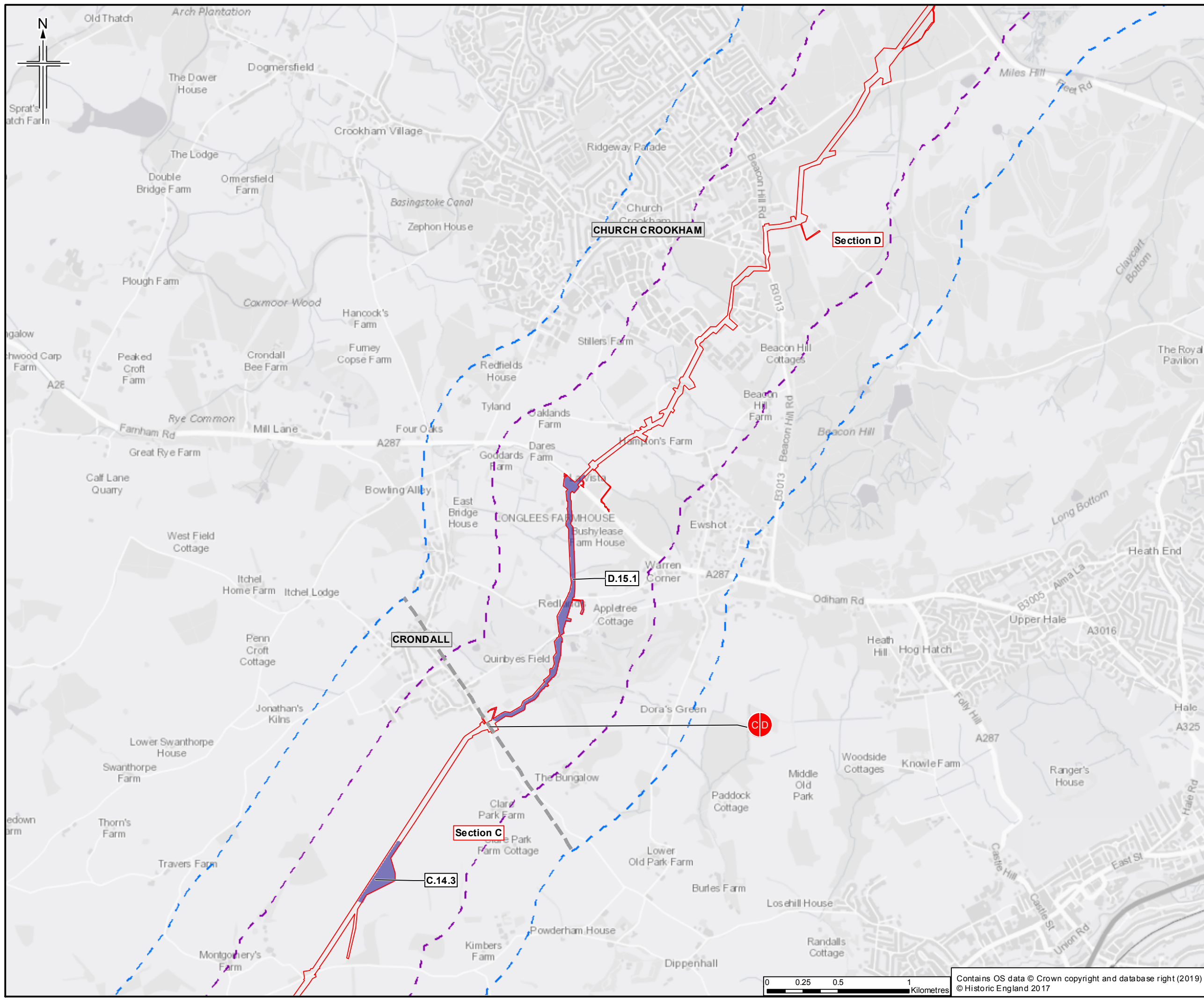
Drawing title

**ENVIRONMENTAL STATEMENT
PROPOSED LOCATION OF
ARCHAEOLOGICAL TRIAL TRENCHING
APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue
Scale	1:25,000 @ A3 DO NOT SCALE
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001328
Drawing number	Figure A9.5.1 Sheet 7 of 14
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- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays parts of Section C and Section D

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	11/02/2019	For Issue		HM	NS	ED SH

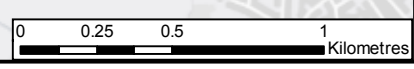


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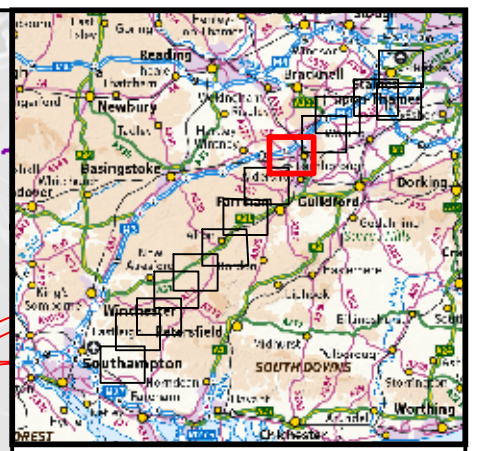
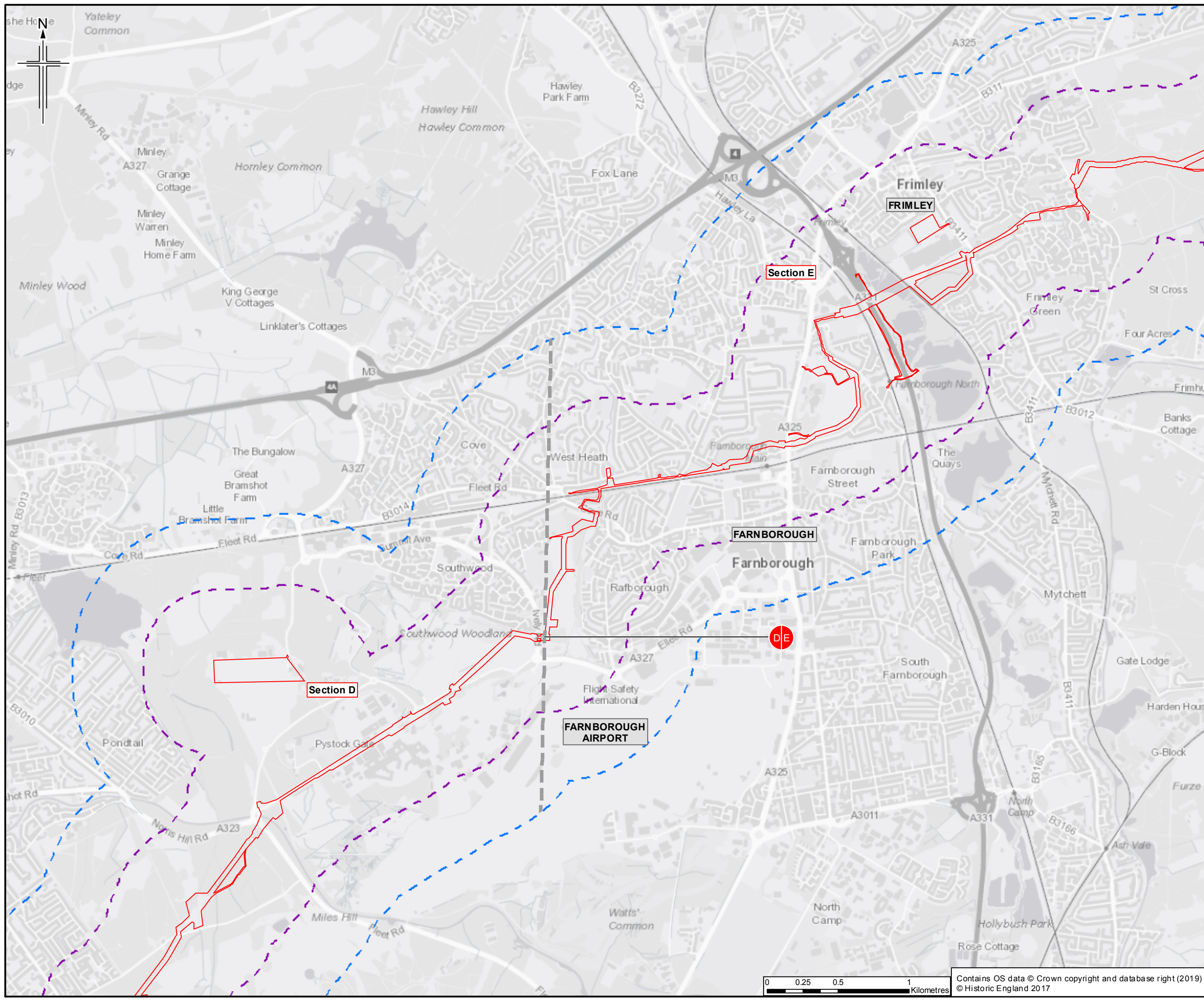
Drawing title
**ENVIRONMENTAL STATEMENT
PROPOSED LOCATION OF
ARCHAEOLOGICAL TRIAL TRENCHING**
APFP Reg. (2009) 5(2)(o)

Drawing Status	For Issue
Scale	1:25,000 @ A3 DO NOT SCALE
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Drawing number	Figure A9.5.1 Sheet 8 of 14
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- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays parts of Section D and Section E

Rev.	Date	For Issue	HM	NS	ED	SH
0	11/02/2019	For Issue				

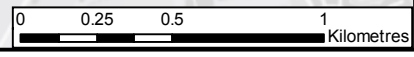
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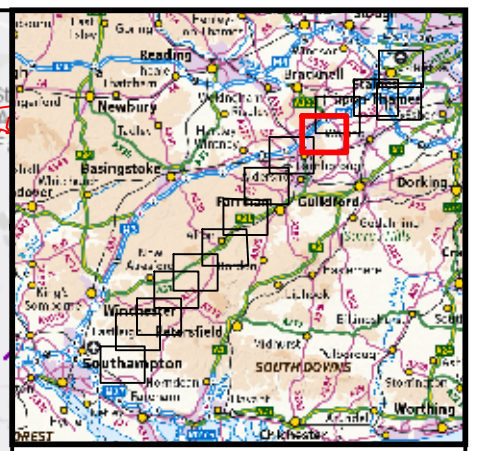
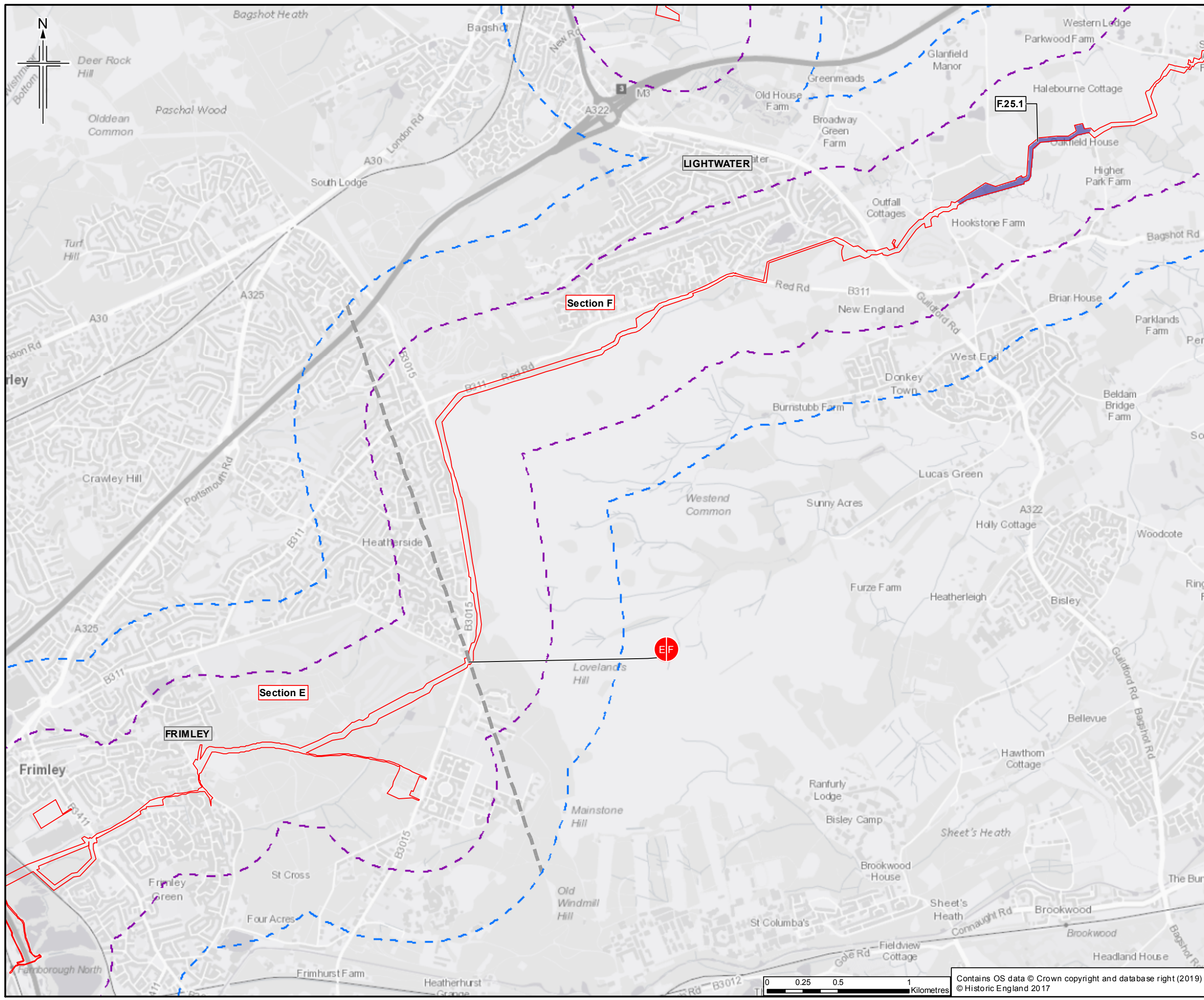
**ENVIRONMENTAL STATEMENT
 PROPOSED LOCATION OF
 ARCHAEOLOGICAL TRIAL TRENCHING**
 APFP Reg. (2009) 5(2)(o)

Drawing Status	For Issue	DO NOT SCALE
Scale	1:25,000 @ A3	
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001328	
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- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays parts of Section E and Section F

Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	11/02/2019	For Issue	HM	NS	ED	SH

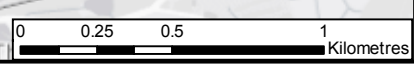


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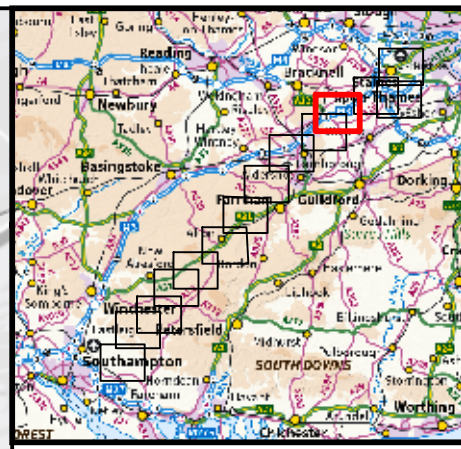
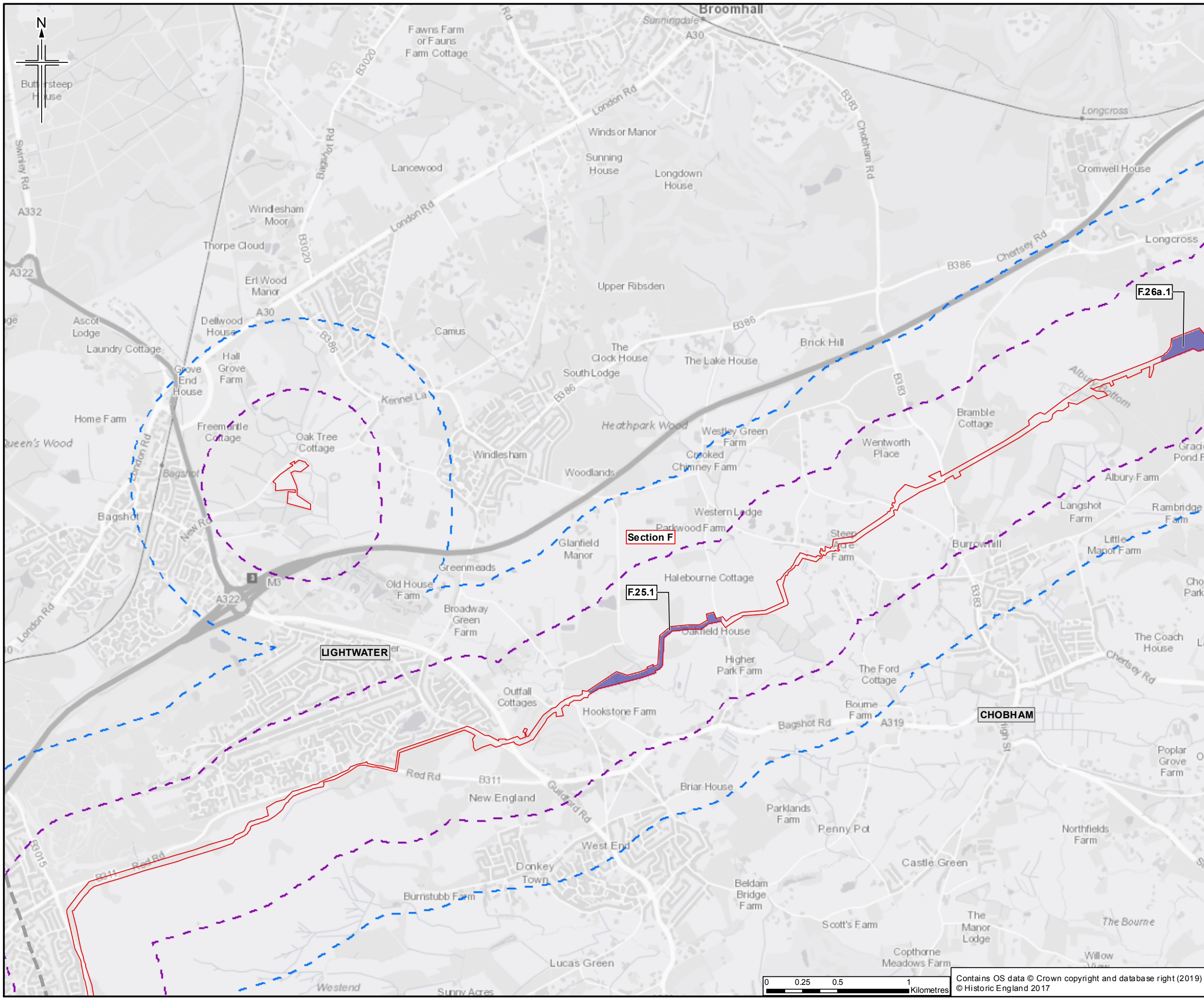
Drawing title
**ENVIRONMENTAL STATEMENT
PROPOSED LOCATION OF
ARCHAEOLOGICAL TRIAL TRENCHING**
APFP Reg. (2009) 5(2)(o)

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001328	
Drawing number	Figure A9.5.1 Sheet 10 of 14	Rev 0



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- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays part of Section F

Rev.	Rev. Date	For Issue	HM	NS	ED	SH
0	11/02/2019	For Issue				

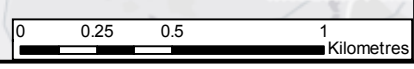


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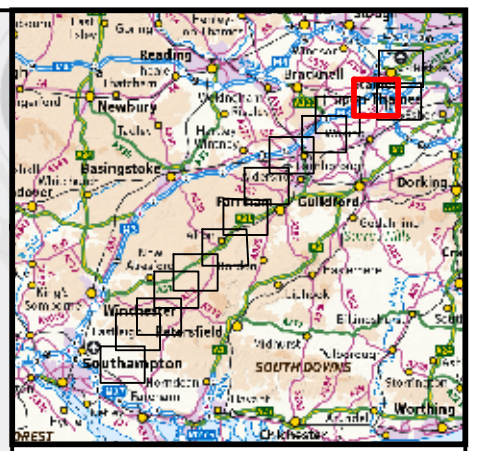
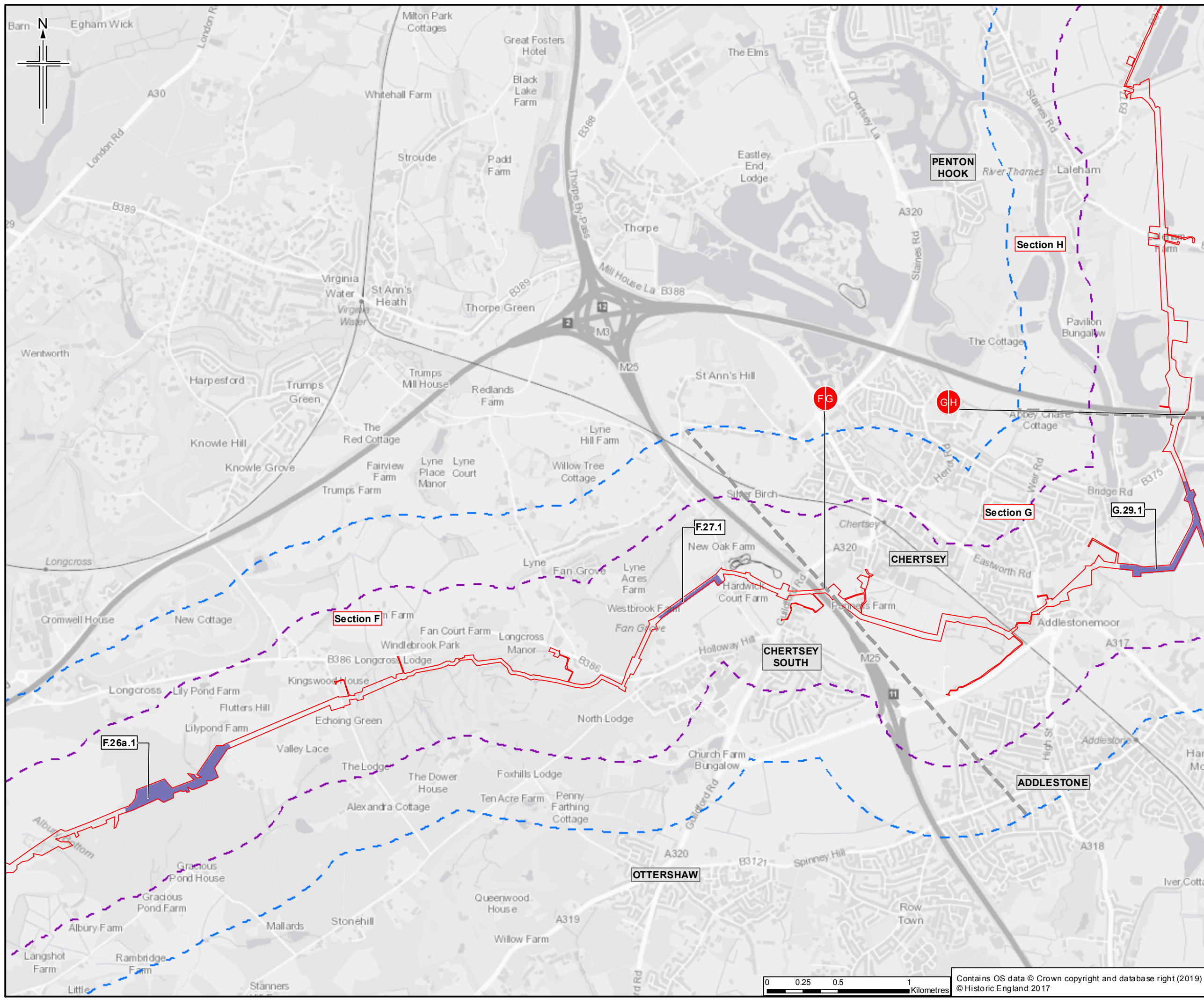
Drawing title
**ENVIRONMENTAL STATEMENT
PROPOSED LOCATION OF
ARCHAEOLOGICAL TRIAL TRENCHING
APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue
Scale	1:25,000 @ A3 DO NOT SCALE
JACOBS No.	B2325300
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Drawing number	Figure A9.5.1 Sheet 11 of 14
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- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays parts of Section F, Section G and Section H

Rev.	Rev. Date	Purpose of revision	Orig'Dwn	Checked	Rev'd	Apprv'd
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Drawing title
**ENVIRONMENTAL STATEMENT
 PROPOSED LOCATION OF
 ARCHAEOLOGICAL TRIAL TRENCHING**
 APFP Reg. (2009) 5(2)(o)

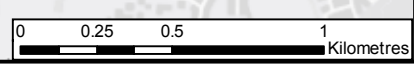
Drawing Status For Issue

Scale @ A3 DO NOT SCALE

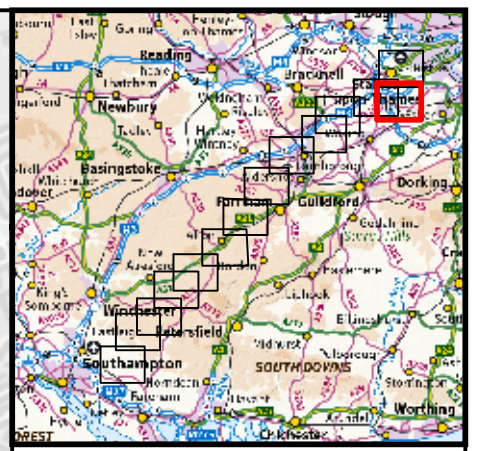
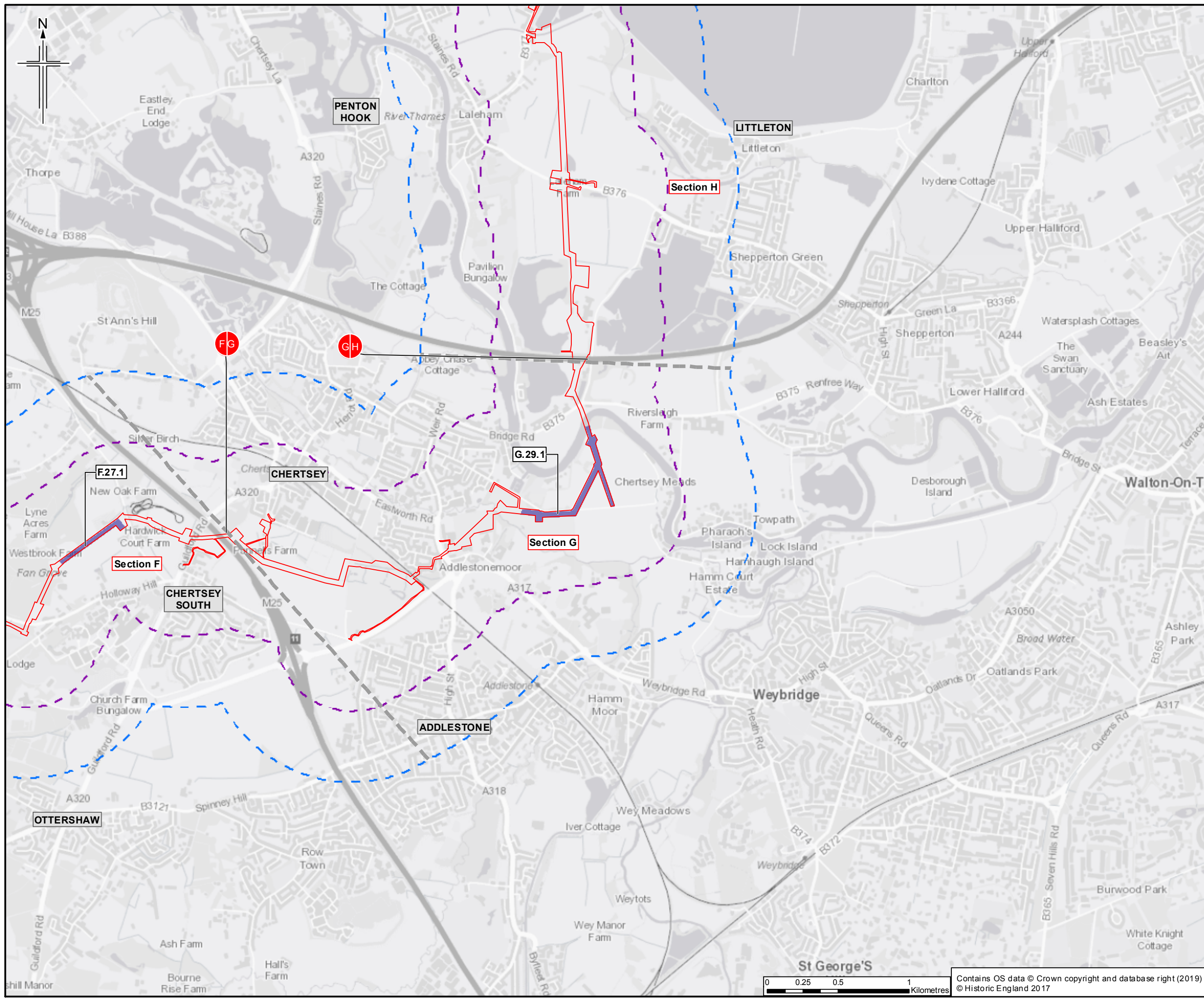
Jacobs No. **B2325300**

ProjectWise No. **B2325300-JAC-000-ENV-DRG-001328**

Drawing number **Figure A9.5.1 Sheet 12 of 14** Rev **0**



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- Legend**
- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays parts of Section F, Section G and Section H

Rev.	Rev. Date	For Issue	HM	NS	ED	SH
0	11/02/2019	For Issue				



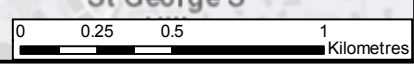
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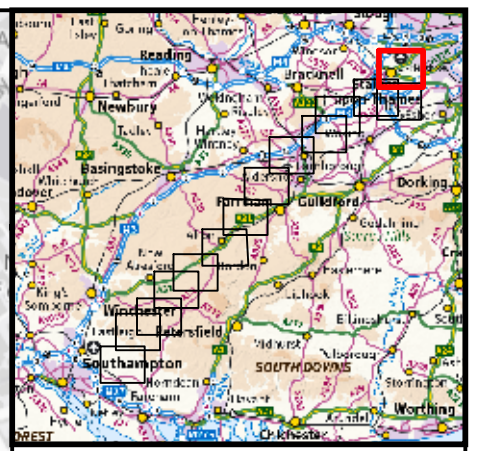
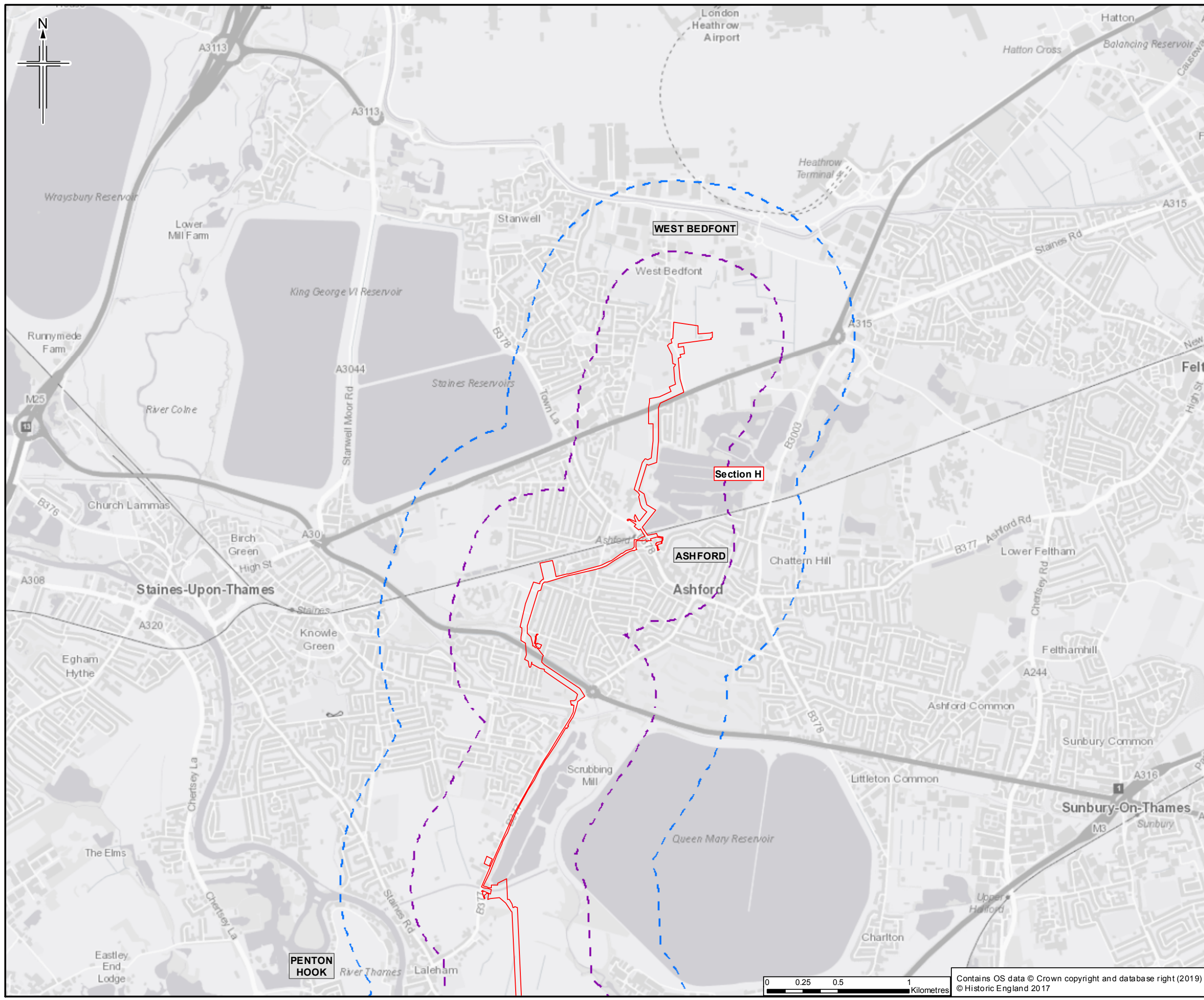
Drawing title
**ENVIRONMENTAL STATEMENT
PROPOSED LOCATION OF
ARCHAEOLOGICAL TRIAL TRENCHING
APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue
Scale	1:25,000 @ A3 DO NOT SCALE
JACOBS No.	B2325300
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001328
Drawing number	Figure A9.5.1 Sheet 13 of 14
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- Order Limits
 - Order Limits 500m buffer
 - Order Limits 1km buffer
 - Section break
 - Section break
 - Strip map and sample
 - Archaeological trial trenching

Sheet displays part of Section H

Rev.	Rev. Date	Purpose of revision	Orig/Down	Checked	Rev'd	Apprv'd
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Drawing title

**ENVIRONMENTAL STATEMENT
 PROPOSED LOCATION OF
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 APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue	DO NOT SCALE
Scale	1:25,000 @ A3	
Jacobs No.	B2325300	
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001328	
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