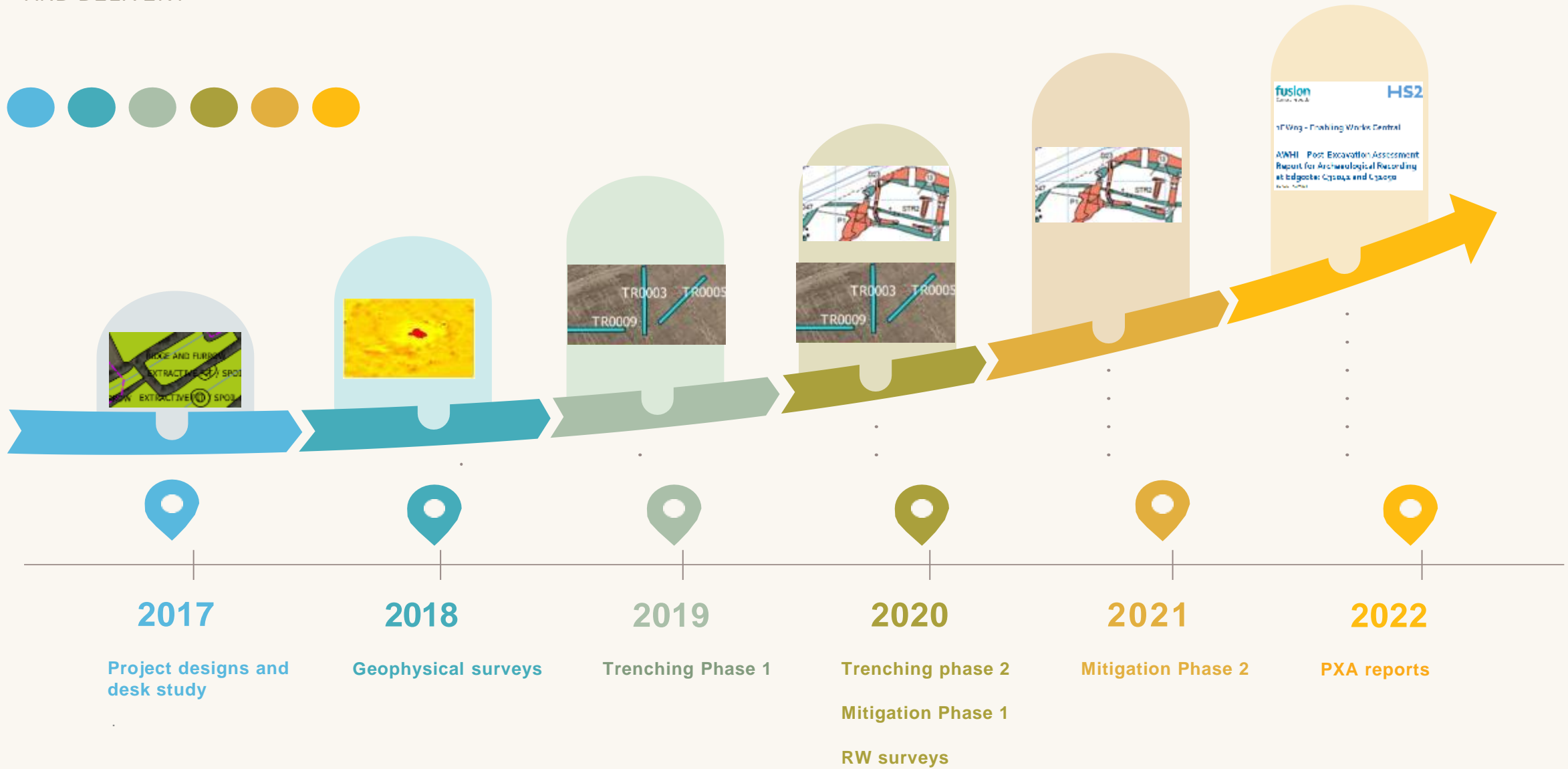


# HS2 PHASE 1 CENTRAL SECTION

PROJECT TIMELINE HERDS STRATEGY AND DELIVERY



# HS2 PHASE 1 CENTRAL SECTION

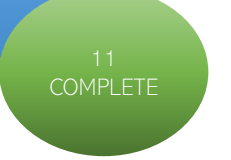
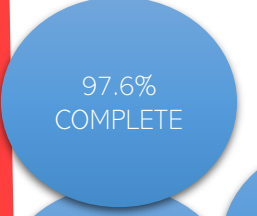
## ...HERDS in numbers



5788  
GC/MS  
Sample points

Scope complete

2022 scope



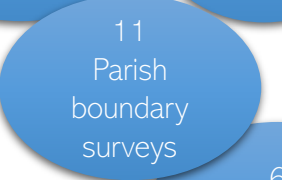
EWC End  
milestone 16  
Nov 2022



4849  
Blank area  
test pits



MWCC  
phase....



44  
CIR  
AREAS



16  
AM  
sites





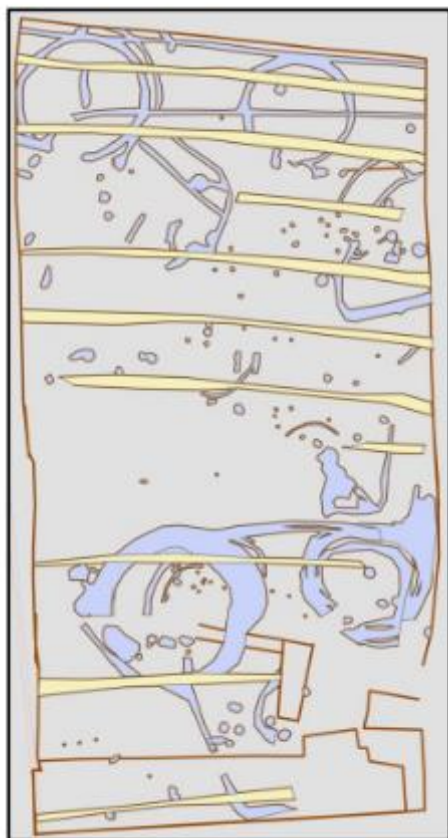
## HS2 Archaeology:

### Digs and Discoveries Spring 2021

#### A HALF-DAY ON-LINE CONFERENCE

Saturday 15 May 2021, 1.30pm–5.30pm

ORGANISED JOINTLY BY FUSION JV AND THE  
BUCKINGHAMSHIRE ARCHAEOLOGICAL SOCIETY



### Four up-to-the-minute reports from archaeologists working along the HS2 high-speed rail line in Buckinghamshire

- Stoke Mandeville: ancient landscape and church and churchyard excavations

*Rachel Wood*

- Fleet Marston Roman Town – Akeman Street's 'service area'?

*Dan Hounsell*

- Iron Age and Romano-British settlement in north-west Bucks

*Iain Williamson*

- Multiple roundhouses at Blackgrounds ...then the Romans came

*Nick Finch*



Saturday 15 May 2021, 1.30pm–5.30pm, Online

### CONFERENCE PROGRAMME AND TIMINGS

1.30pm: Introduction

Jay Carver, Lead Archaeologist for Fusion JV, who will also chair the conference

1.45: Rachel Wood

**St Mary's old church and churchyard**, Stoke Mandeville.

Overview results on the landscape around the church, and a progress report on the detailed excavation of church and churchyard.

2.25: Q&A

2.35: Dan Hounsell

**Fleet Marston Roman Town**, north-west of Aylesbury.

Report on excavations where the rail-line construction will cut across Akeman Street, a critical artery for Roman Britain.

3.15: Q&A

**3.25: Tea Break**

3.40: Iain Williamson

**Iron Age and Romano-British rural settlement** in north-west Bucks. Four sites between Calvert and Turweston which reveal evidence of varied long-term settlement from the early Iron Age through to Roman times.

4.20: Q&A

4.30: Nick Finch

**Blackgrounds Farm, Edgcote**, across the border in Northants.

Settlements from two periods: multiple Iron Age roundhouses, with likely industrial, refuse and cremation areas, and 3<sup>rd</sup> to 4<sup>th</sup>-century Roman with stone buildings and significant finds.

5.10: Q&A

5.20: Announcements, thanks and closedown

**ALL TIMINGS are approximate**, and will depend on the actual length of the talks and the number of audience questions and contributions.



Community engagement – desk study project Twyford Mill with BAS

## St Mary's Church Field Museum: Book now for second weekend of open days to explore our finds during the archaeological dig

Posted on Jun 7th 2021 by HS2 in Buckinghamshire and Oxfordshire

We will be holding our second weekend of open days at our Field Museum at St Mary's in Stoke Mandeville on Saturday 26 June and Sunday 27 June.



Inside a specially constructed tent the size of a football pitch, archaeologists working on our behalf are currently excavating the remains of the former parish church of St. Mary the Virgin. This is a once in a



**The final Open Weekend will take place on Saturday 25 and Sunday 26 September 2021 at our Field Museum at St Mary's in Stoke Mandeville**

Tickets for these dates are available now and booking will close at 5pm on Thursday 23 September 2021

You can sign-up for email updates about events and the HS2 project on our local website [www.hs2inbucksandox.co.uk](http://www.hs2inbucksandox.co.uk)

Inside a specially constructed tent the size of a football pitch, archaeologists working on behalf of HS2, are currently excavating the remains of the former parish church of St. Mary the Virgin. This is a once in a generation opportunity to excavate the ruins of a medieval church and churchyard and the team are learning a huge amount about what was there before the Norman church!



Archaeological Recording at Harp Inn, Warwickshire

Blank area testing at Windmill Hill, Ladbroke, Warwickshire





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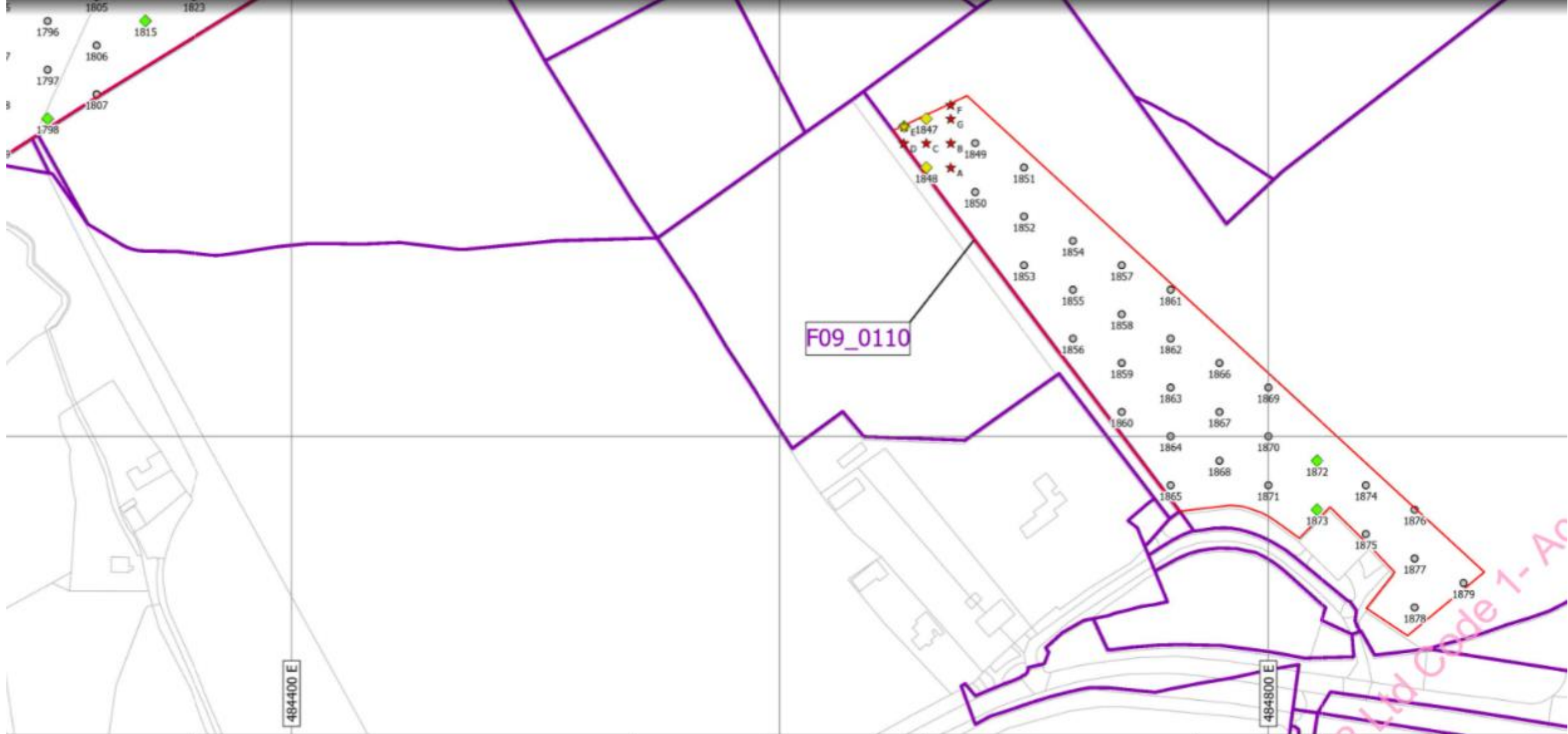
Plate 1 - Land Parcel C21044, Field 39 working shot, looking east.

Blank area testing at Nash Lea, Buckinghamshire



Plate 1 - Land Parcel C24011, working shot, field F12\_0017

Blank area testing, Chilterns, Buckinghamshire



- Site outline
- Field boundaries
- FXXXXX Fusion Field No.
- Test pits**
- Dug
- ★ Additional contingency test pits (A-G)
- Not dug
- Find type (retained finds)**
- ◆ CBM
- ◆ Flint



High Speed Two  
C21038 - North of Nash Lee  
Figure 8  
Test Pits and Finds from Group 4

*Published*

# HS2

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Doc Number: 1EW03-FUS\_IFA-GI-MAP-C002-000002

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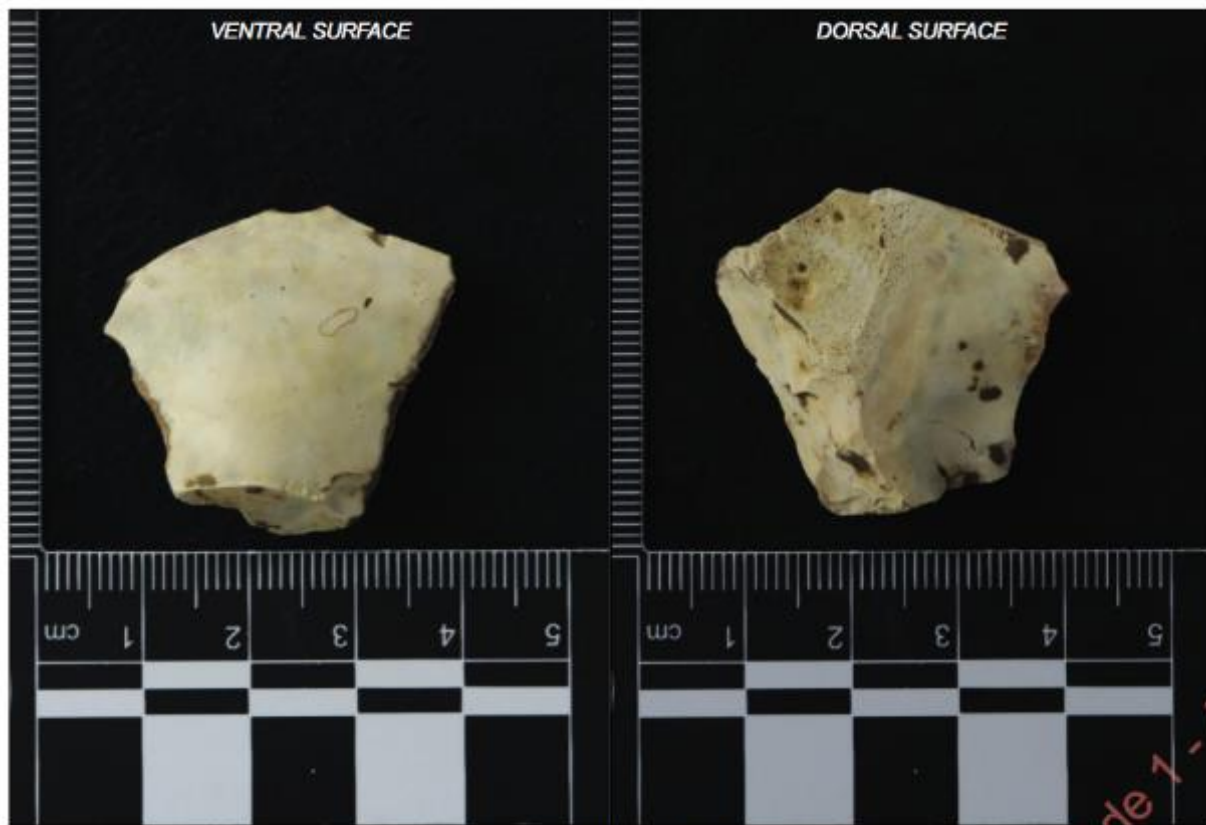


Plate 2 - Worked Flint, finds ID no.1602

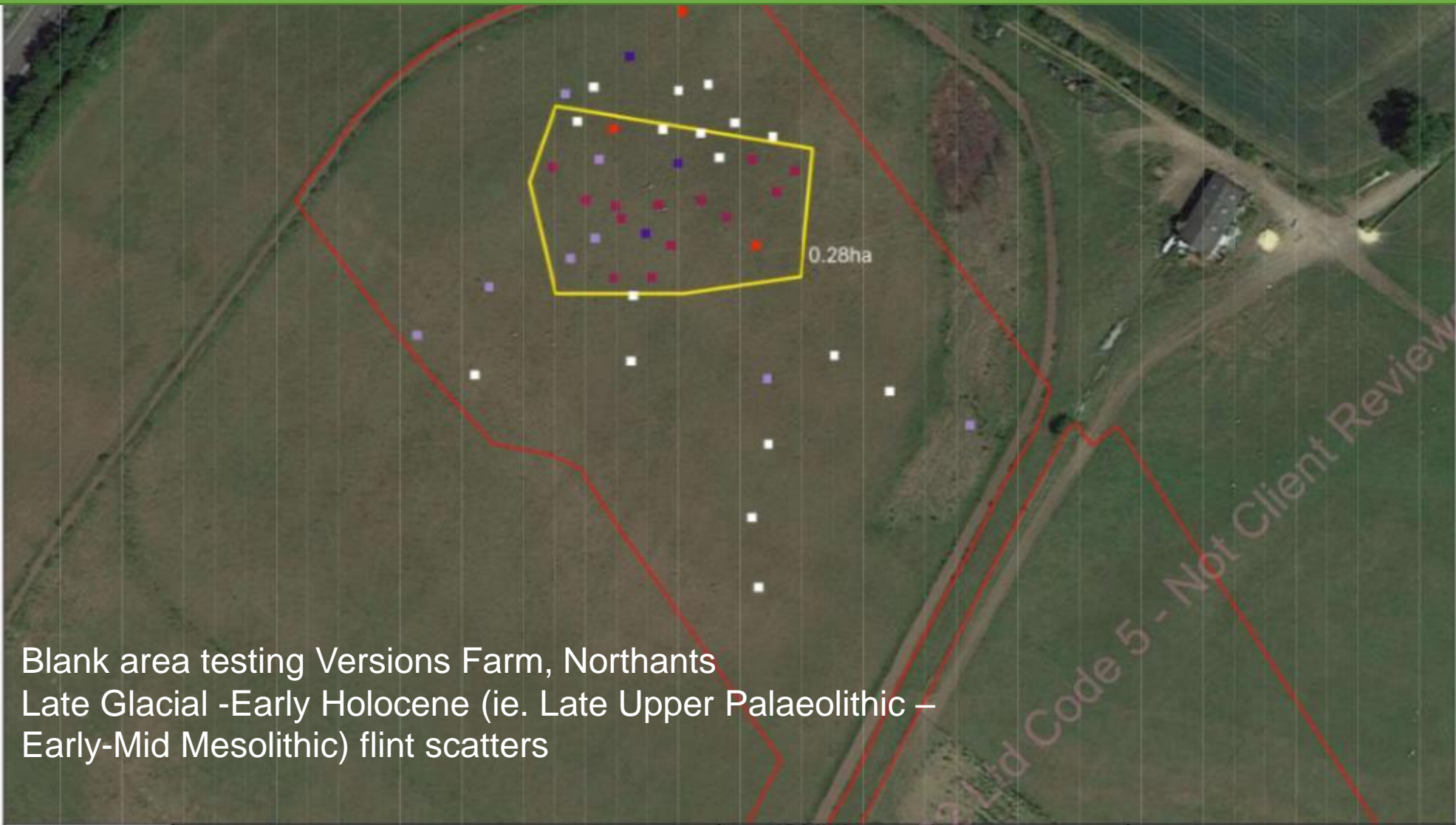
Code 1 - Ac



Plate 2 - Flint Blade from Test Pit 1847.

MS2 Ltd Code 1 - Ac

KC4: Develop more refined chrono-stratigraphic models for Pleistocene river terrace deposits present throughout the route, such as those associated with the Great Ouse



Blank area testing Versions Farm, Northants  
Late Glacial -Early Holocene (ie. Late Upper Palaeolithic –  
Early-Mid Mesolithic) flint scatters

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<small>© Crown copyright and database rights 2020 OS 100034444</small>	0 - 0					<small>Date: 26/03/2021</small>



Figure 9 Examples of flint points recovered from test pits in F21\_0018



Figure 7 Examples of flint microburins recovered from test pits in F21\_0018



Figure 10 Examples of flint scrapers recovered from test pits in F21\_0018



Figure 8 Examples of flint piercers recovered from test pits in F21\_0018

Blank area testing Versions Farm, Northants



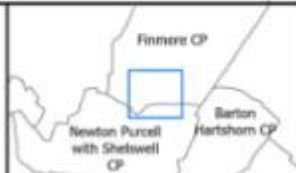




Plate 1 - Test Pit 6 post-excavation, looking north-east, 1m scale

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Site Boundary	Contours
Hedge	Fence
Bottom of bank	Test pit
Top of bank	Woodland
Tree canopy	



High Speed Two  
 Figure 3  
 Widmore Farm Intervention Area:  
 Topographical survey and  
 remote sensing interpretation  
 Published

**HS2** Scale at A3: 1:2,500

Date: 19/05/21  
 Doc Number: 1EW03-FUS\_IFA-GI-MAP-CS06\_CL21-000001

# Jones Hill Wood- CIR



Plate 2 - South facing section of ditch [10003], 1m scale



Plate 1 - Trial Trench, looking west, 1m scale

# KC1: Refine understanding of the Palaeolithic potential of deposits beyond river valleys

Revision: L03

## Appendix 2 – Plates

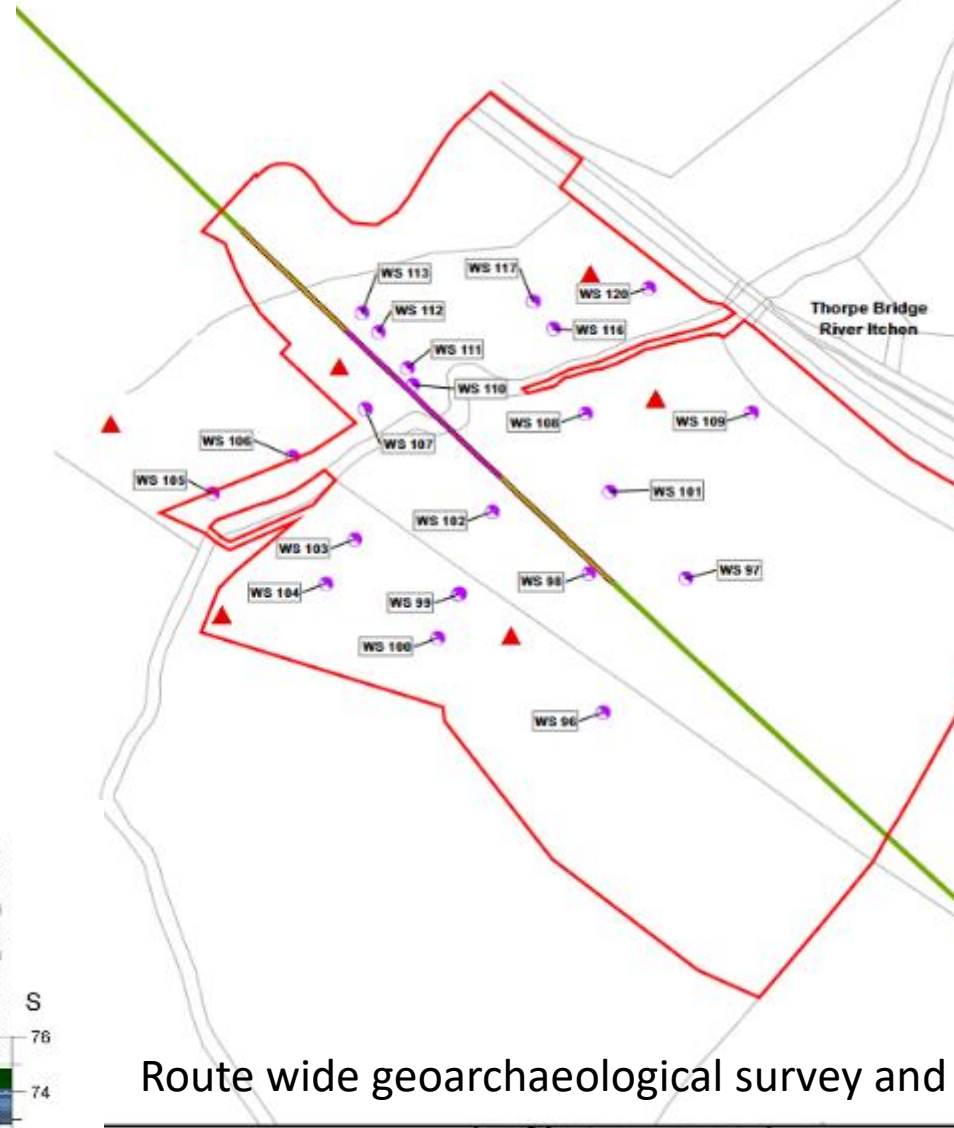
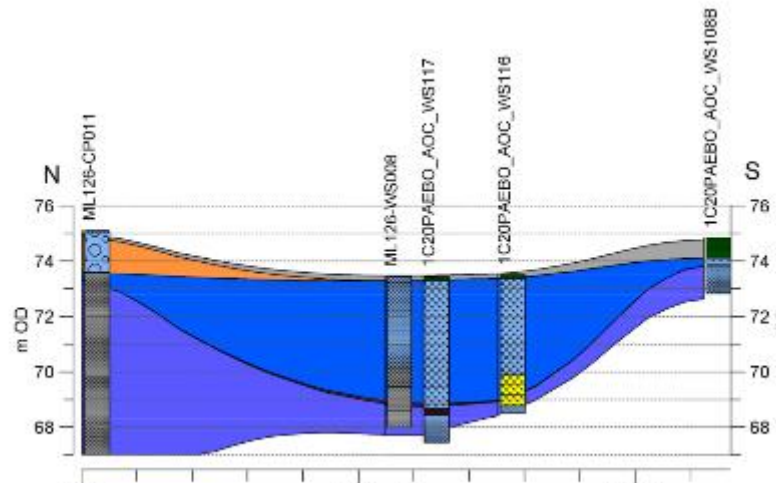


Plate 2 Windowless sample drilling



Route wide geoarchaeological survey and evaluation

<p>revised January 2017</p>	<p>Contains Ordnance Survey Copyright and database right</p>	<p>High Speed Two HS2 Palaeoenvironmental Evaluation</p> <p>Figure 2 - Interventions</p> <p>Community Forum Area CFA14</p> <p>Published</p>	<p>Scale at A3: 1:2,000</p> <p>Doc Number: 15W03-FUS_CMA_GI_MAP-C567_CL24-000016 Date: 24/05/21</p>
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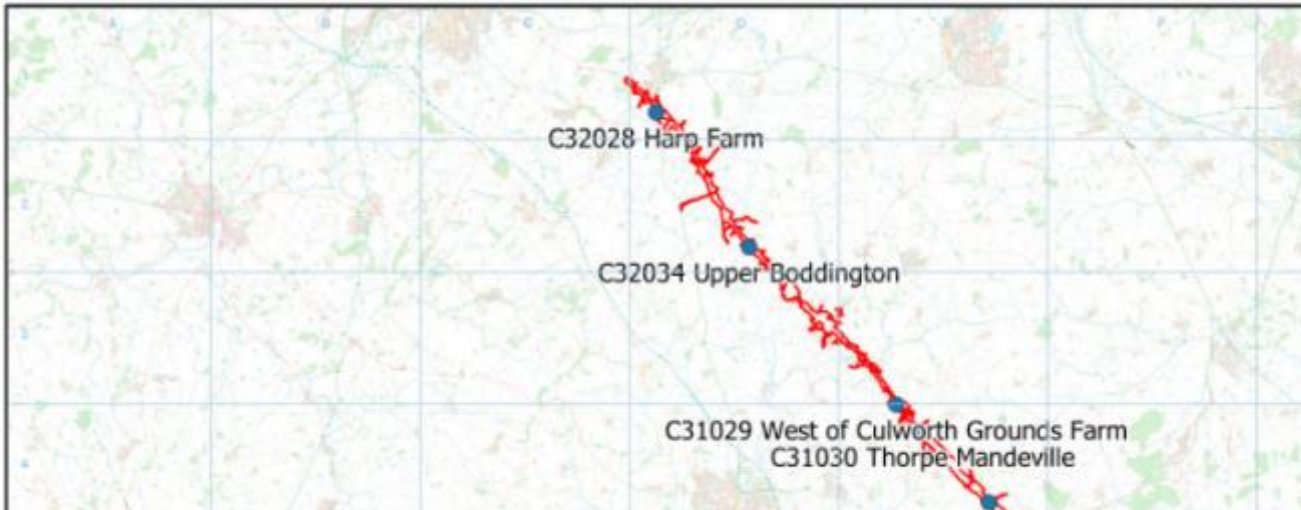
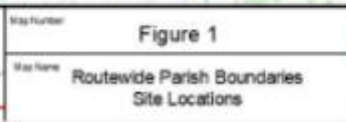
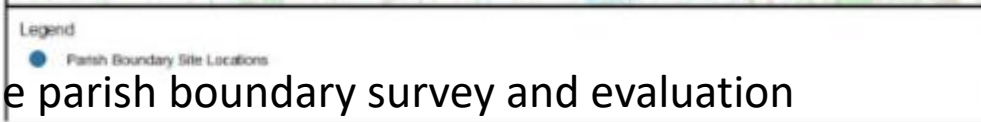


Figure 17 South-east facing section of ditch [1008] at C32034. Looking north-west



Figure 3 Profile of modern field boundary at C21021



Wooden figure recovered from a ditch at Three Bridge Mill, Buckinghamshire July 2021

Proposed conservation technique impregnation with Polyethylene Glycol wax

Several parallels in France, which date to similar chronologies as the pottery found with the Three Bridge Mill figure, 45-70 AD,



Figure 1: Figure in-situ, image provided by Network Archaeology

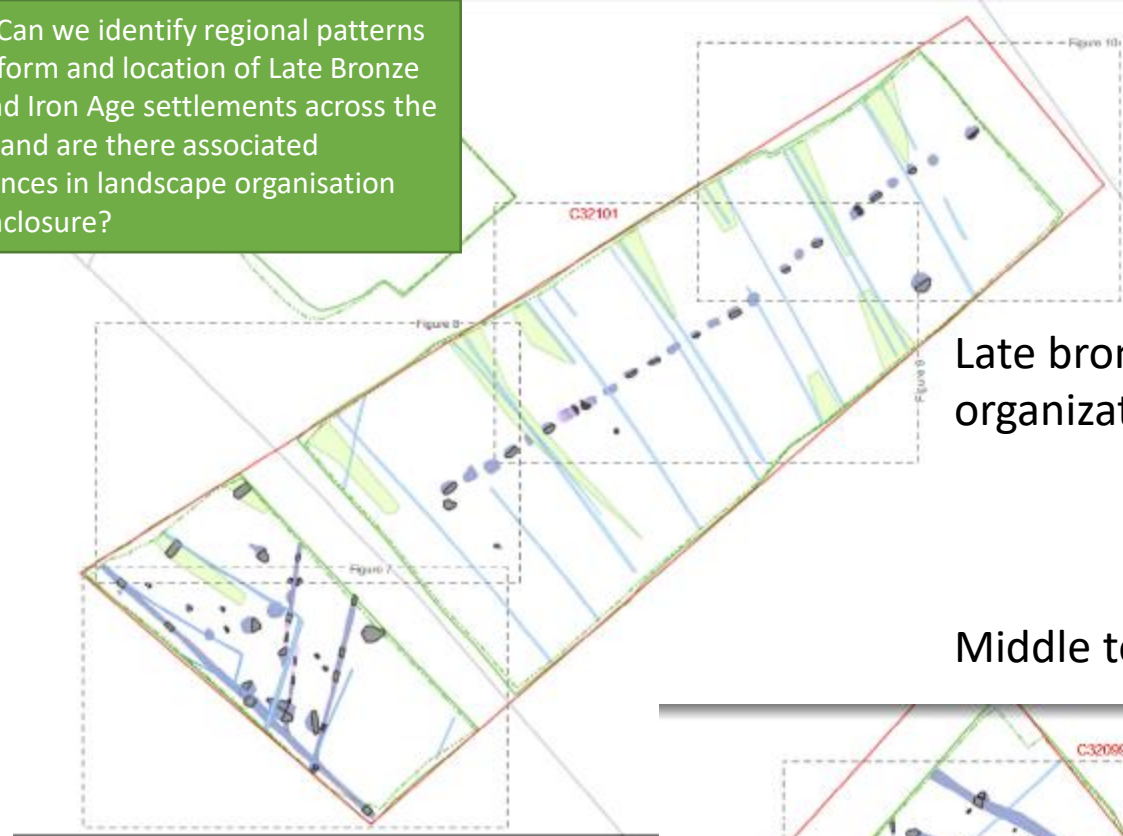
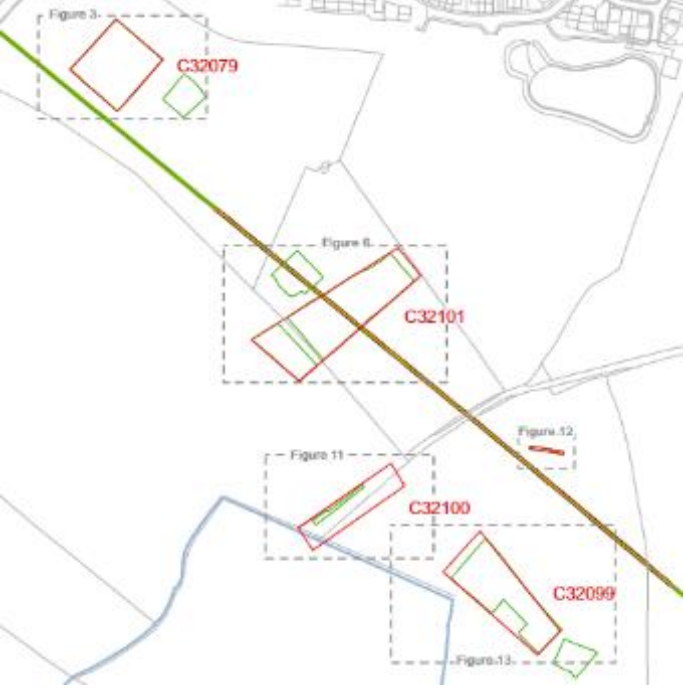


Figure 2: Carved wooden figure photographed after cleaning, before conservation

Quercus spp., Oak

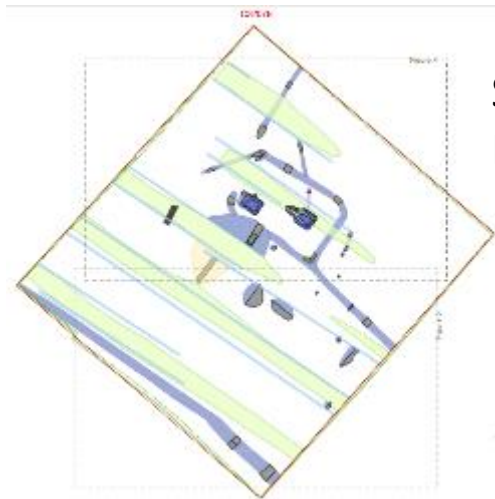


KC15: Can we identify regional patterns in the form and location of Late Bronze Age and Iron Age settlements across the route, and are there associated differences in landscape organization and enclosure?

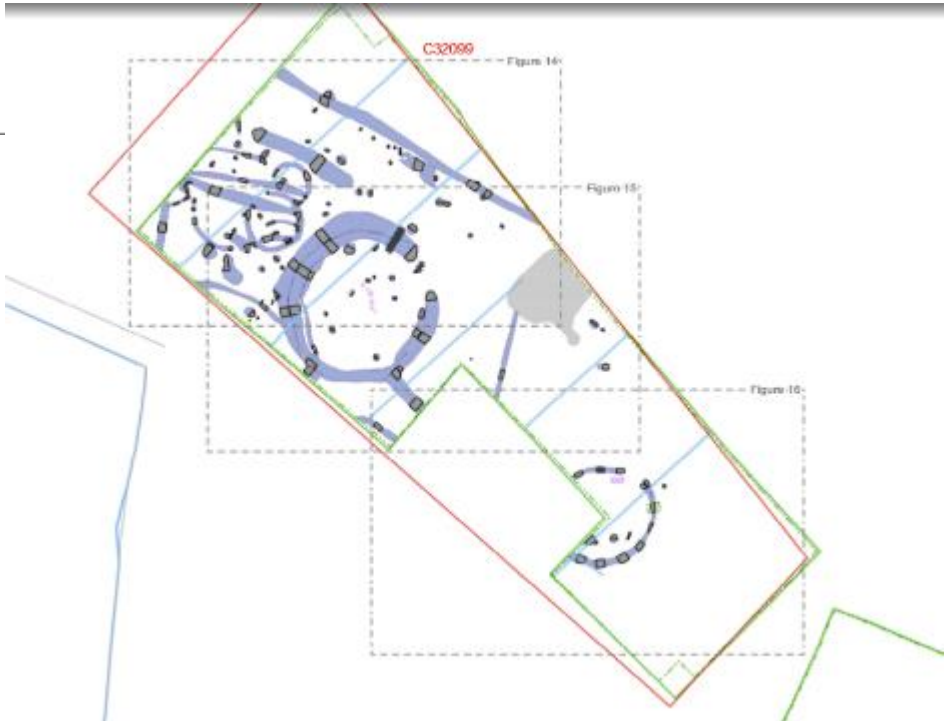


Late bronze age- to EIA landscape organization (pit alignment)

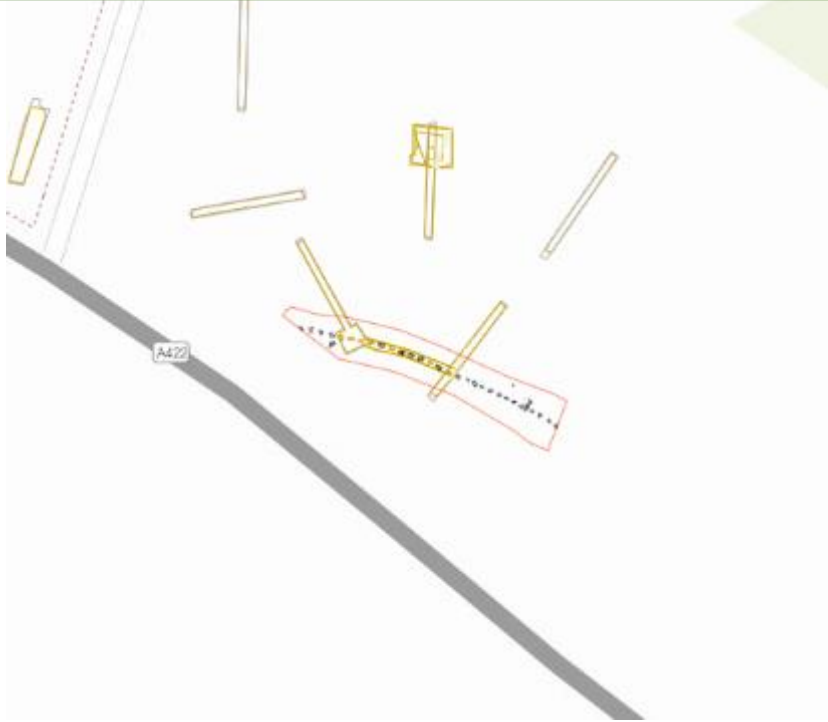
Middle to LIA settlement



Small processing site  
Romano-British 1<sup>st</sup>-2<sup>nd</sup> century



KC15: Can we identify regional patterns in the form and location of Late Bronze Age and Iron Age settlements across the route, and are there associated differences in landscape organisation and enclosure?



Late bronze age- to EIA landscape organization (pit alignments) either side of A422

Archaeological Recording at Oatleys Farm and Grove Hill Farm, Buckinghamshire





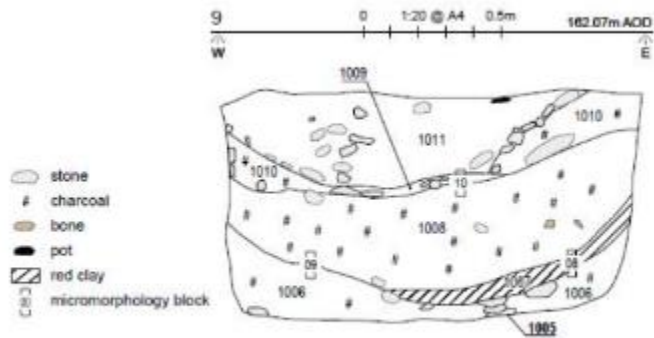


Figure 9

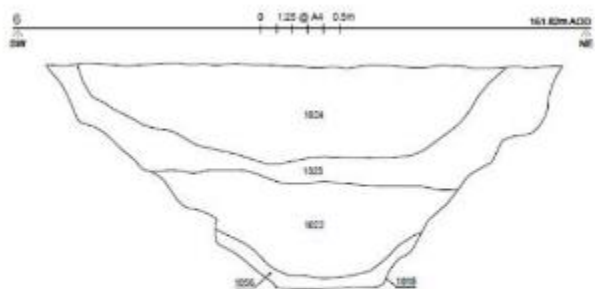
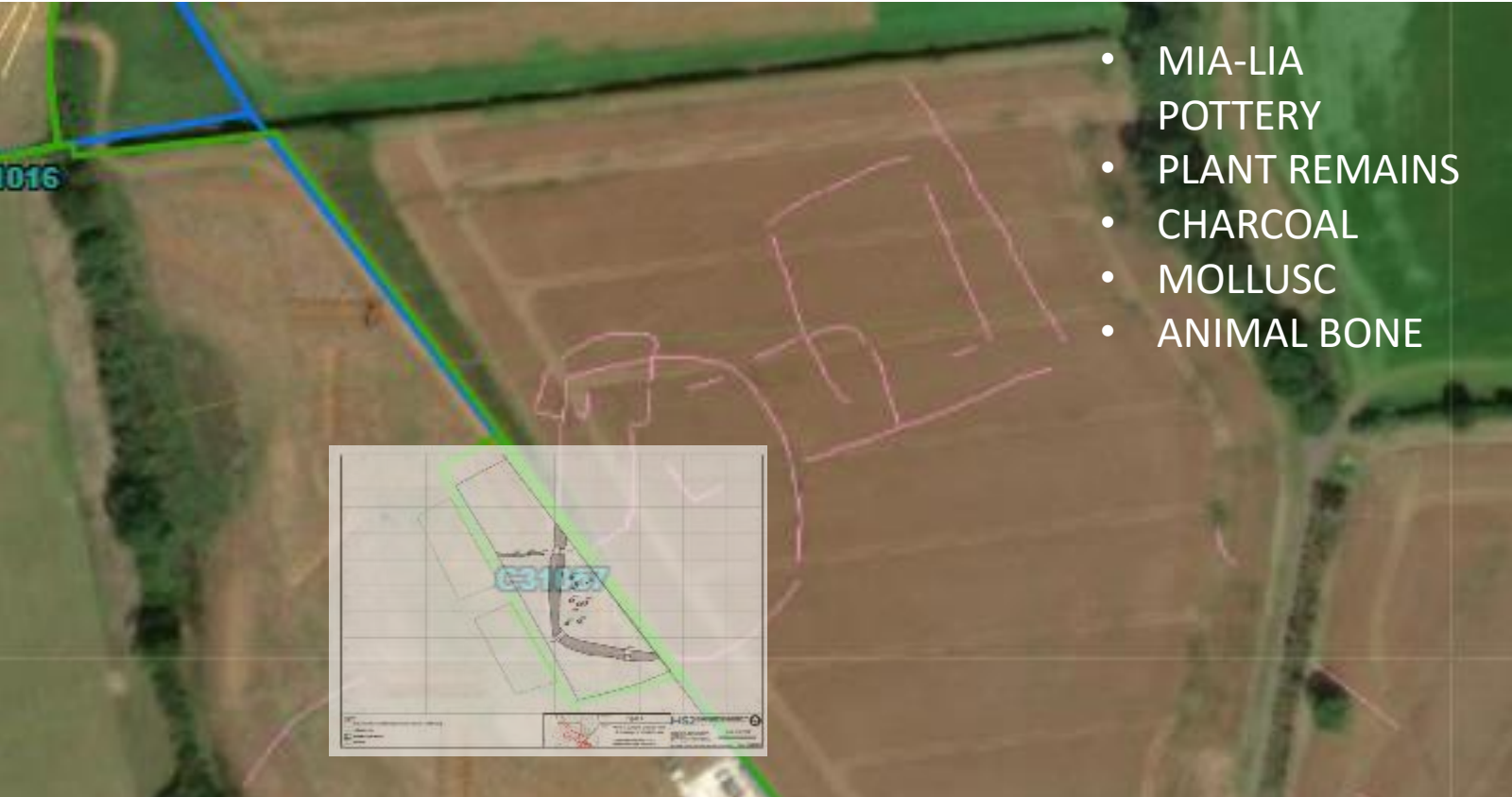
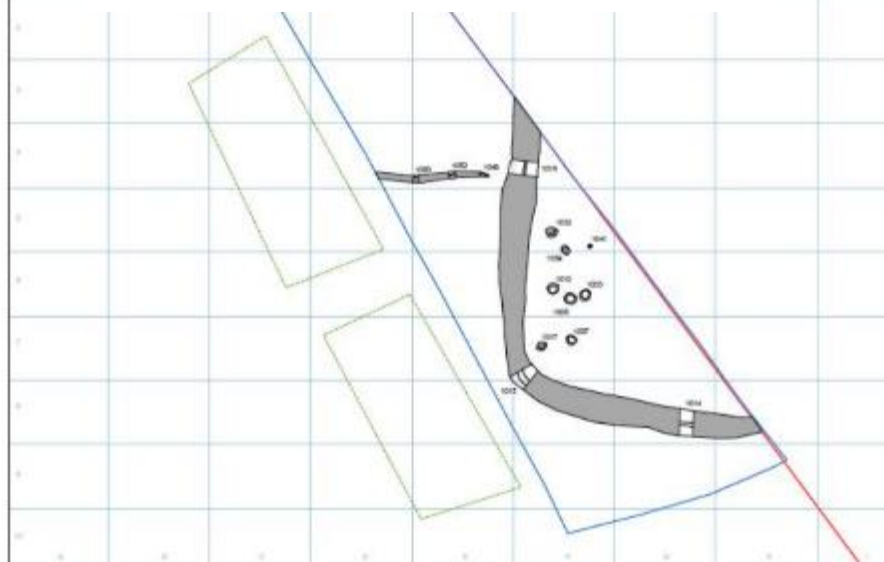
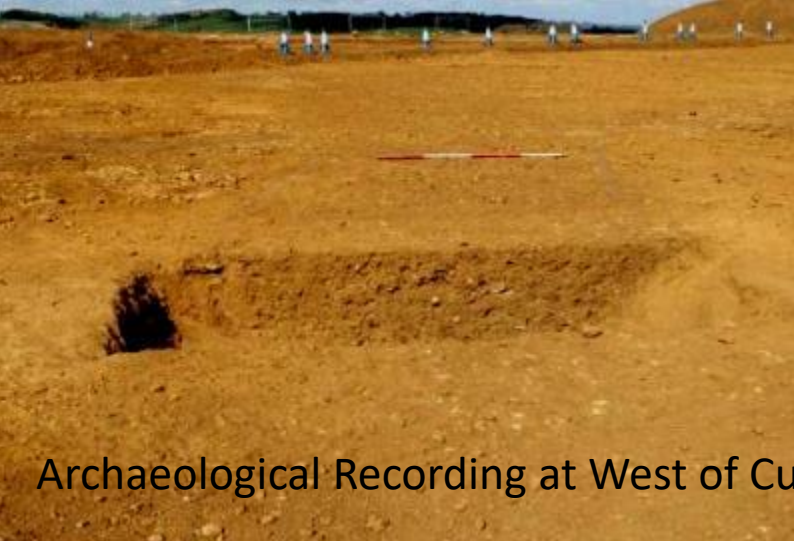


Figure 6 Section drawing of enclosure ditch, excavated at [1015]



- MIA-LIA POTTERY
- PLANT REMAINS
- CHARCOAL
- MOLLUSC
- ANIMAL BONE

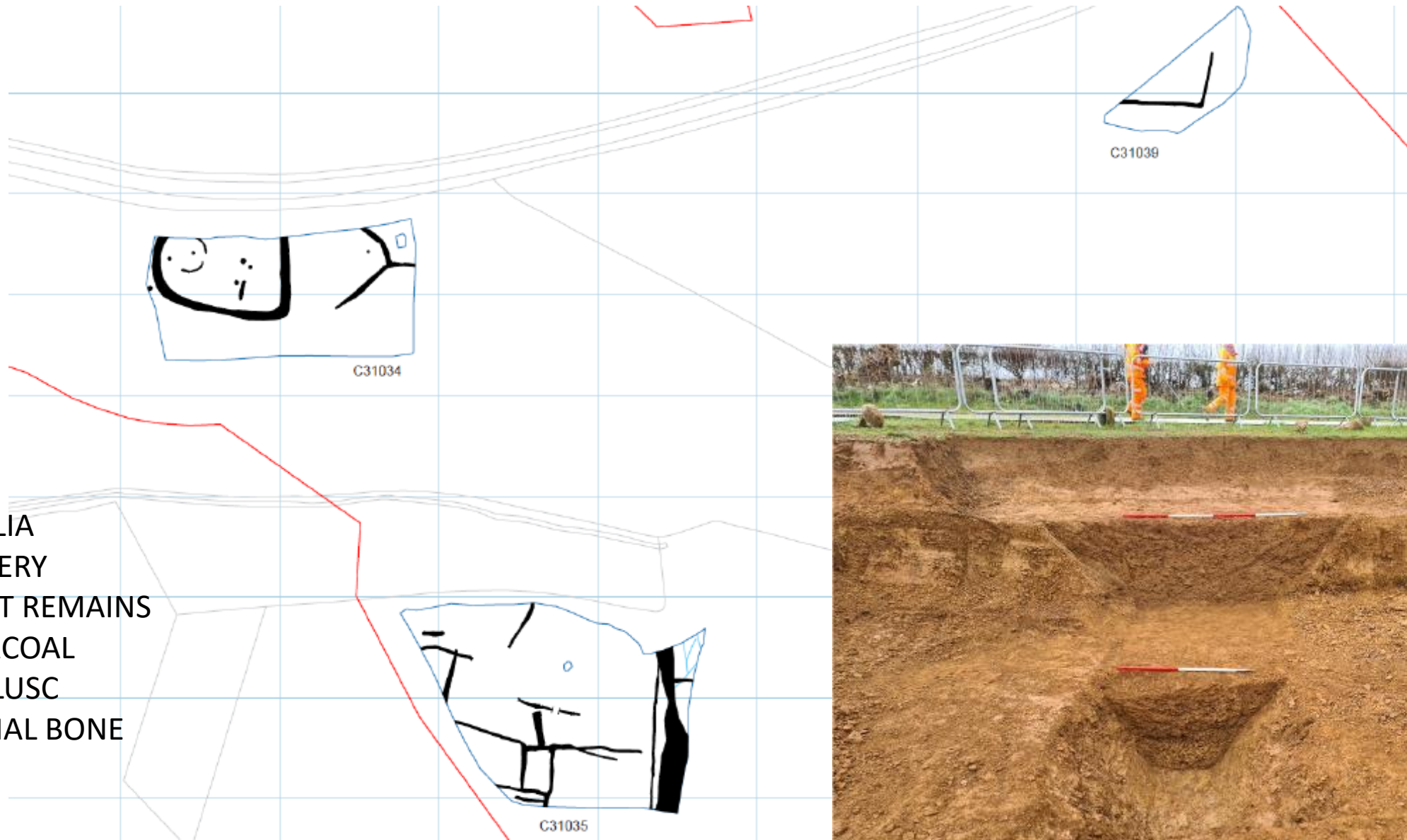


Archaeological Recording at West of Culworth, AC310 Site Code: 1C20WCUAR



Archaeological Recording and Construction Integrated Recording at Thorpe Mandeville

# Archaeological Recording and Construction Integrated Recording at Thorpe Mandeville



- MIA-LIA POTTERY
- PLANT REMAINS
- CHARCOAL
- MOLLUSC
- ANIMAL BONE

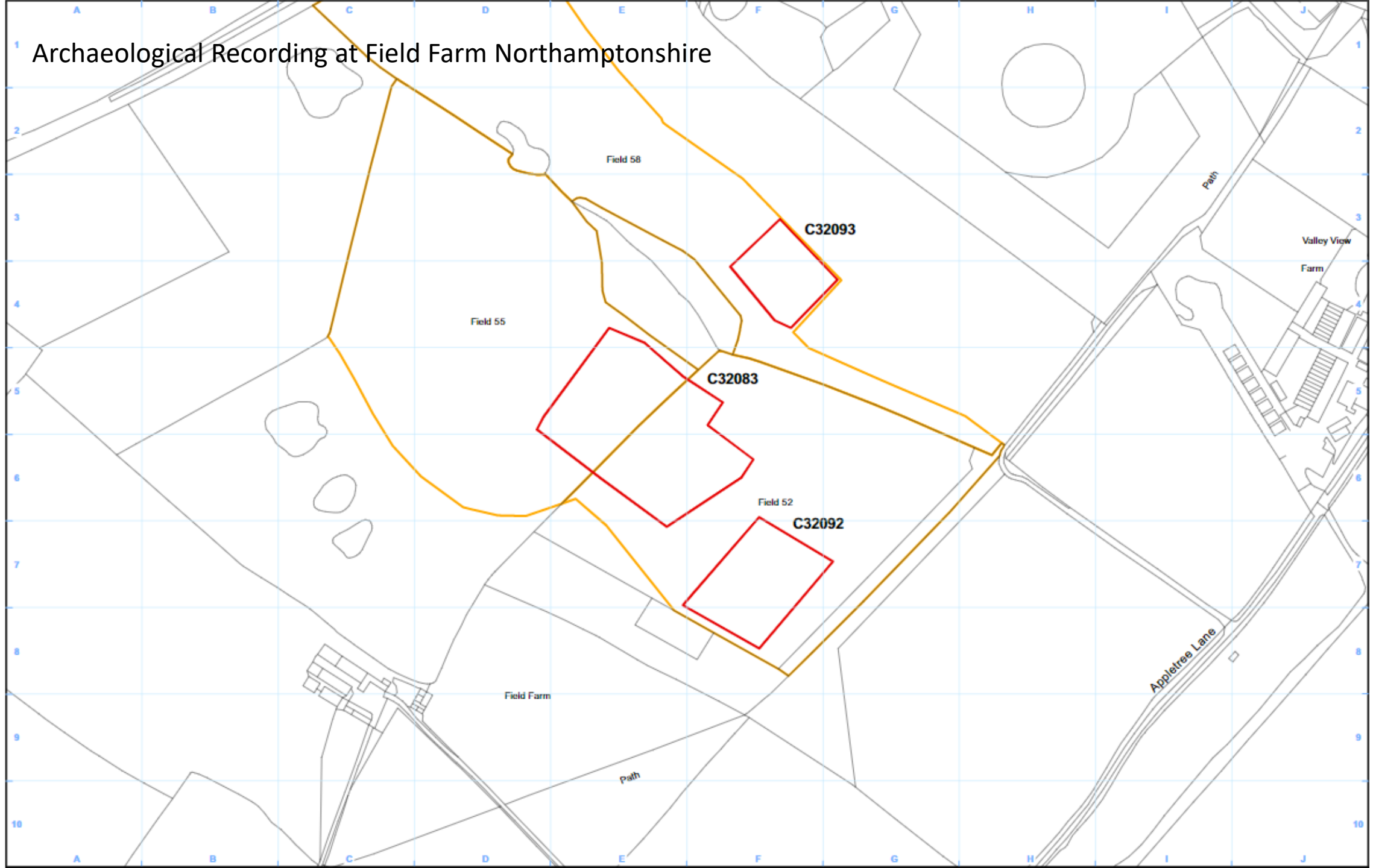
Charred cereal grain, chaff, charred seeds, wild taxa, charcoal, molluscs and insects



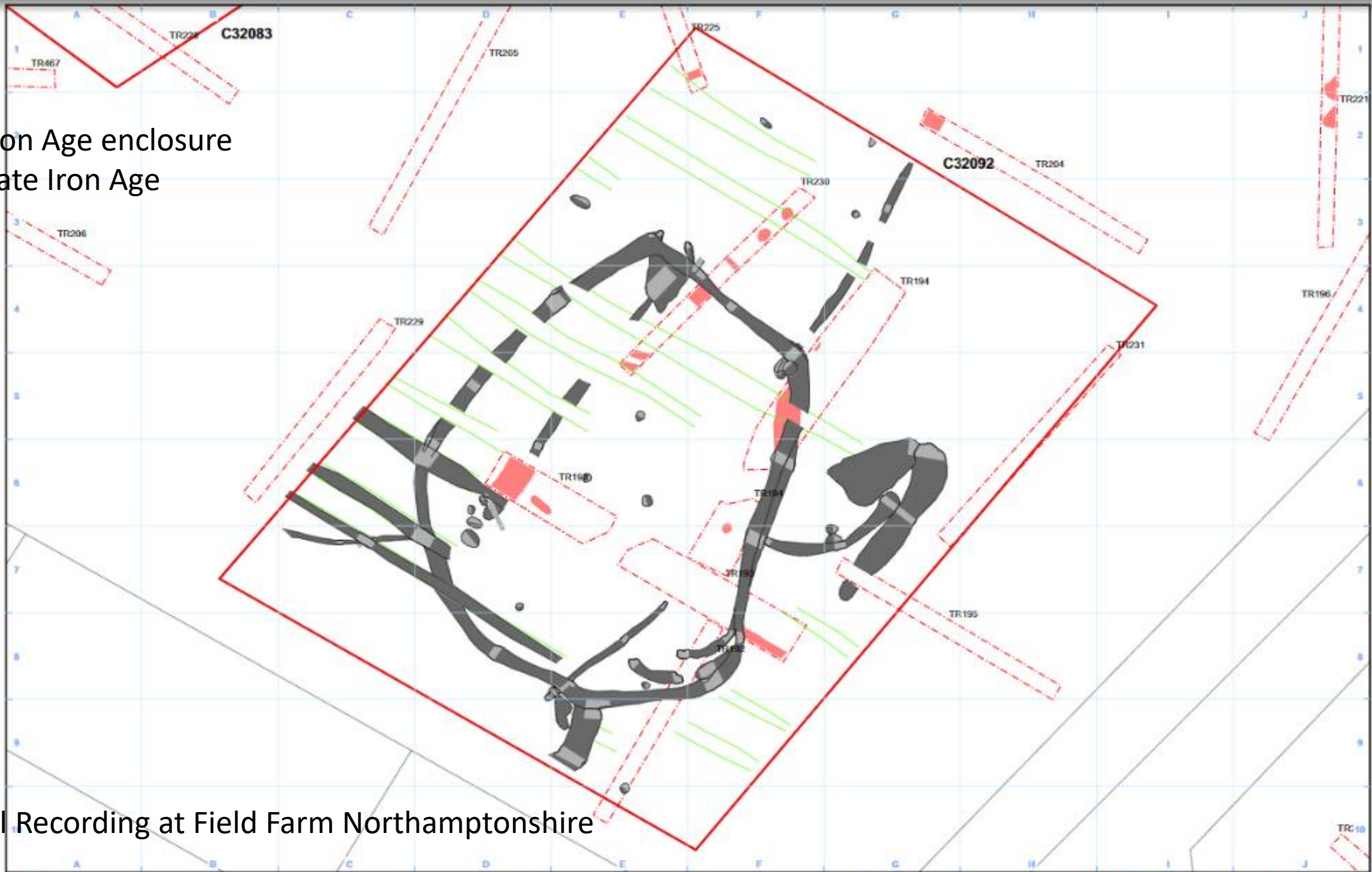


Burial within Stone lined circular pit (middle Iron Age) Blackgrounds East

# Archaeological Recording at Field Farm Northamptonshire



D-shaped Iron Age enclosure  
Middle to Late Iron Age



Archaeological Recording at Field Farm Northamptonshire

<b>Legend</b> <ul style="list-style-type: none"><li>mitigation area</li><li>excavated slot</li><li>archaeological feature</li><li>trial trench</li><li>archaeological feature (trial trench)</li><li>furrow</li></ul>	<b>Map Number</b> 1EW03-FUS_MHI-GI-MAP-C507_CL14-000019 <b>Map Name</b> Figure 4 Mitigation area C32092 <b>Community Forum Area 15:</b> Greatworth to Lower Roddington	<b>HS2</b> HS2 Ltd accepts no responsibility for any inaccuracies, which arise from the reproduction of this map after alteration, amendment or adaptation or if it is used in part or in total in any way. Registered in England. Registration number 0871486. Registered office: 15 South Street, Birmingham B2 4AA. © Crown copyright and database right 2010. OS 100049100 Doc Number: T space 4 This figure forms part of report 10/0117-04, MHI to HS2 Ltd, 20/10/2009. <b>Date:</b> 03/08/21 Scale at A3: 1:400 North arrow
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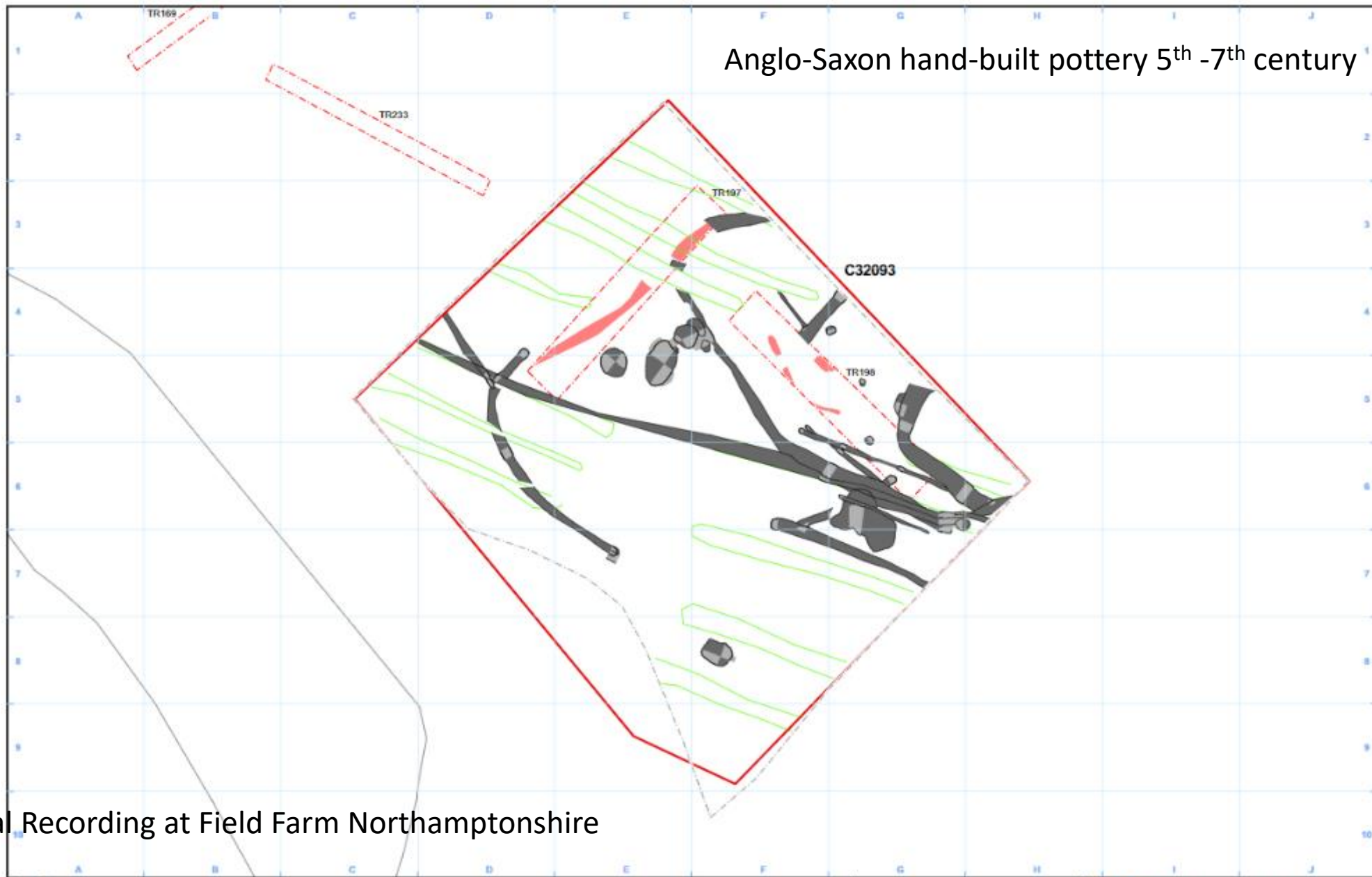
Mid to late Roman "complex" farmstead



Archaeological Recording at Field Farm Northamptonshire

<b>Legend</b> <ul style="list-style-type: none"><li>mitigation area</li><li>excavated slot</li><li>archaeological feature</li><li>trial trench</li><li>archaeological feature (trial trench)</li><li>furrow</li></ul>	<p>Map Number: 1EW03-FUS_MIB-GI-MAP-CS07_CL14-000019</p> <p>Map Name: Figure 3 Mitigation area C32083</p> <p>Community Forum Area 15: Greatworth to Lower Boddington</p>	<p><b>HS2</b></p> <p>Scale at A3: 1:500</p> <p>Date: 03/08/21</p>
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# Anglo-Saxon hand-built pottery 5<sup>th</sup> -7<sup>th</sup> century



## Archaeological Recording at Field Farm Northamptonshire

- Legend**
- mitigation area
  - excavated slot
  - archaeological feature
  - trial trench
  - archaeological feature (trial trench)
  - furrow
  - limit of excavation

Map Number  
1EW03-FUS\_MHI-GI-MAP-CS07\_CL14-000019

Map Name  
Figure 5 Mitigation area C32093

Community Forum Area 15:  
Greatworth to Lower Boddington

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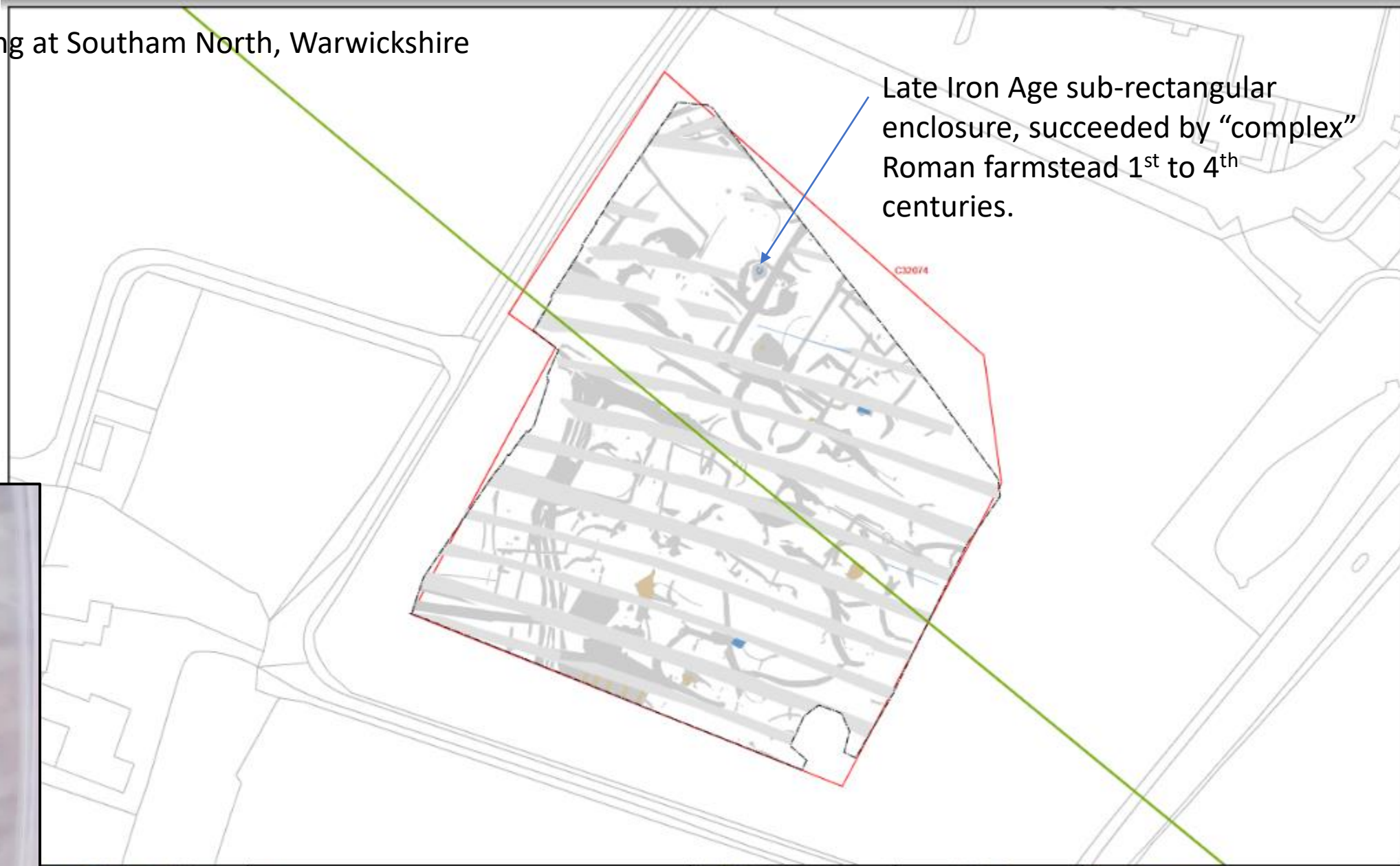
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OS OpenMapNavium 100049750  
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Date: 03/08/21



# Archaeological Recording at Southam North, Warwickshire



Late Iron Age sub-rectangular enclosure, succeeded by "complex" Roman farmstead 1<sup>st</sup> to 4<sup>th</sup> centuries.

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- Legend**
- Cutting
  - LOE Base
  - Structure
  - Field Drain
  - Furrow
  - Deposit
  - Pre Ex
  - Stage 2



High Speed Two  
**Figure 2**  
**C32074**  
 Interim Report for Archaeological Mitigation at West Southam, Warwickshire (AC320)  
 Community Forum Area CFA16  
 Ladbroke & Southam  
 Published

**HS2** Scale at A3: 1:800

Registered in England. Registration number: 0871986. Registered office: 11 Abchurch Lane, London EC4A 3DF, UK.

Doc Number: 1EW03\_FUG\_CNA\_GI\_MAP\_C607\_CL24\_000038 Date: 01/09/21

# Archaeological Recording at Windmill Ladbroke, Warwickshire



A small mid-Iron Age settlement and associated field system was succeeded by a Romano-British agrarian settlement with a surrounding field system. Possible seasonal use. Two probable Romano-British inhumation burials

CK21: Assess the evidence for regional and cultural distinctiveness along the length of the route in the Romano-British period, with particular regard to the different settlement types encountered along the route

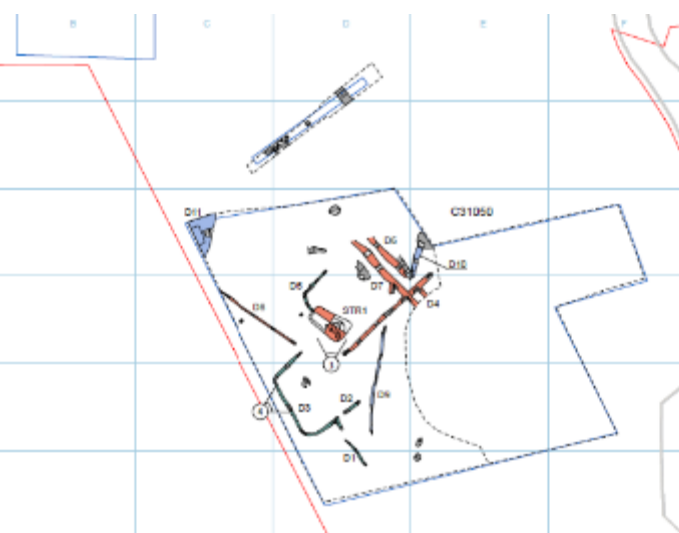


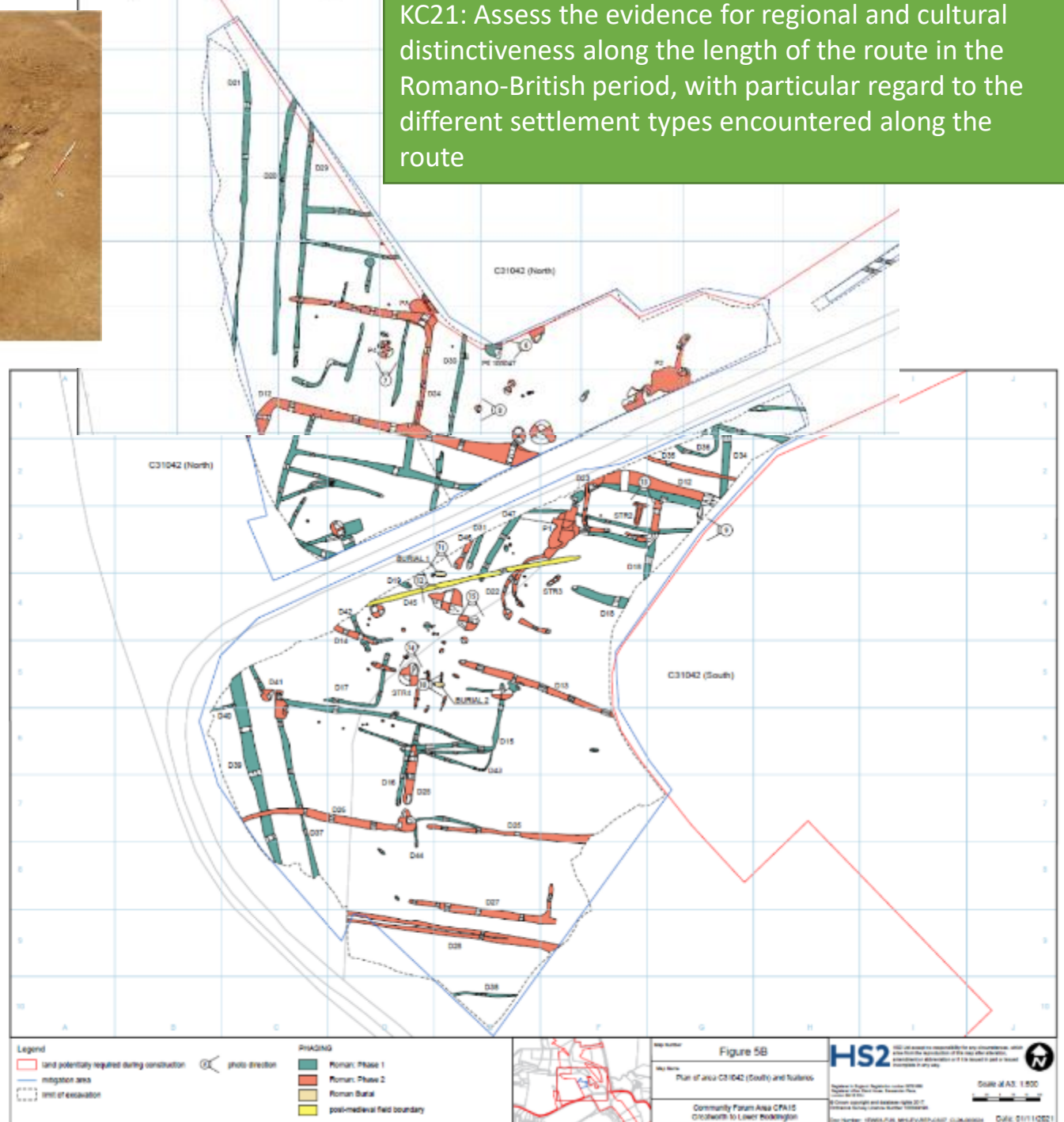
Figure 12 Oblique view of STR1, looking south-east

Edgcote North 'small' rural site- with cellared building

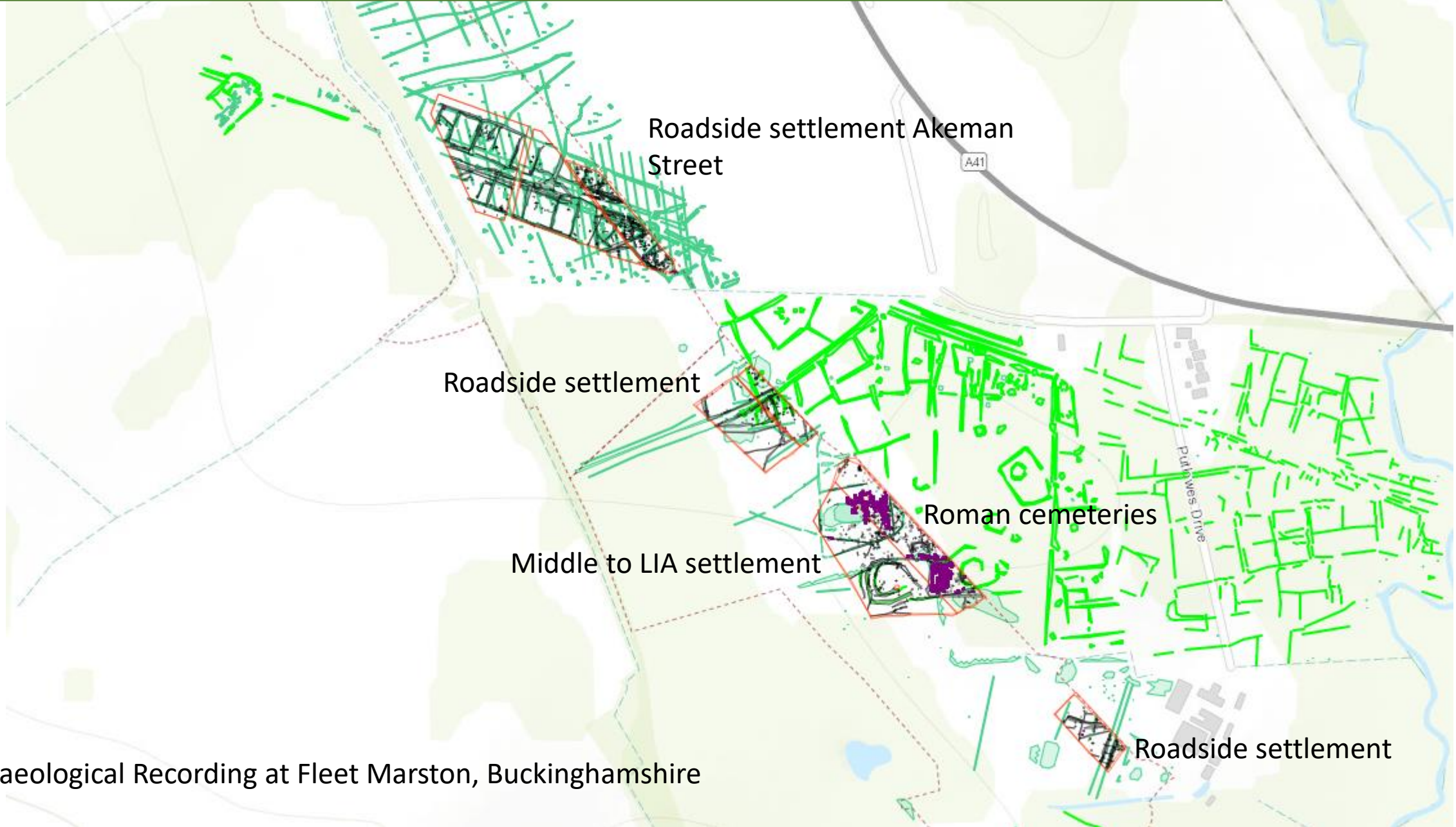


Figure 13 Plan shot of corn dryer STR3, looking south-west

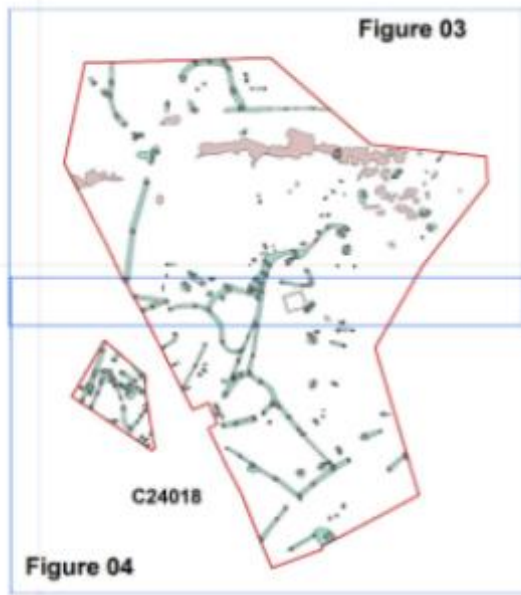
Edgcote South 'complex' farmstead- full range of evidence



KC28: Establish the relationship between the Romano-British small town at Fleet Marston, its rural hinterland and wider networks of communication and settlement



Archaeological Recording at Fleet Marston, Buckinghamshire



KC28: Fleet Marston -rural hinterland

Probable malting floor at Waddesdon



KC13: What was the date of the establishment of Grim's Ditch? What impact did it have on the landscape following its construction?

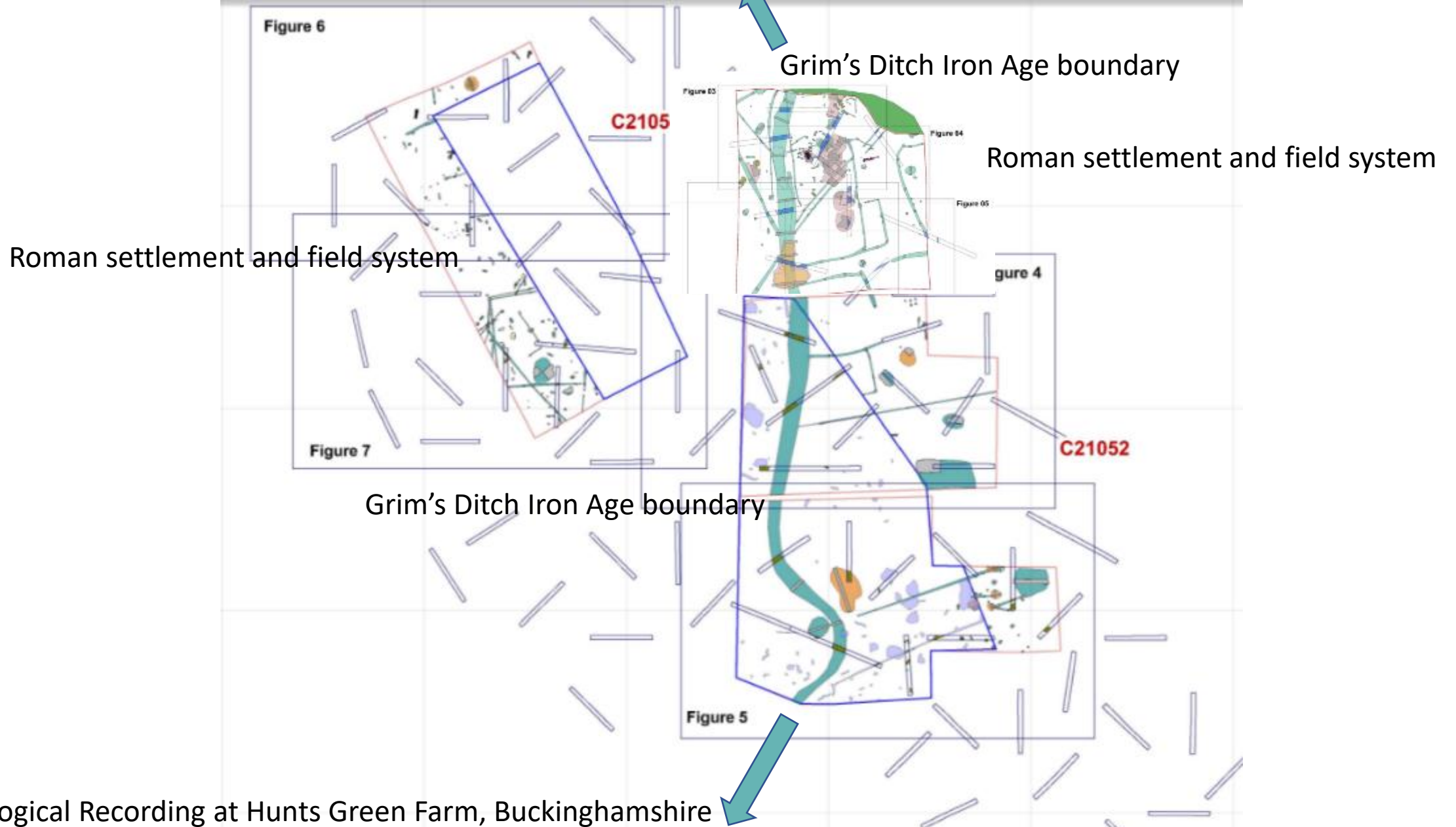


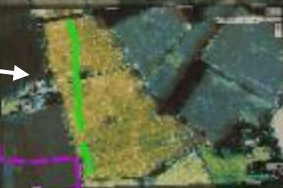


Plate 1 - General view of the site, looking southeast

Buckinghamshire Grim's Ditch:  
Scheduled 1500m long section from  
Great Widmoor Wood to Oaken  
Grove



Buckinghamshire Grim's Ditch:  
probable section identified from  
AP evidence extending parallel to  
Kings Lane



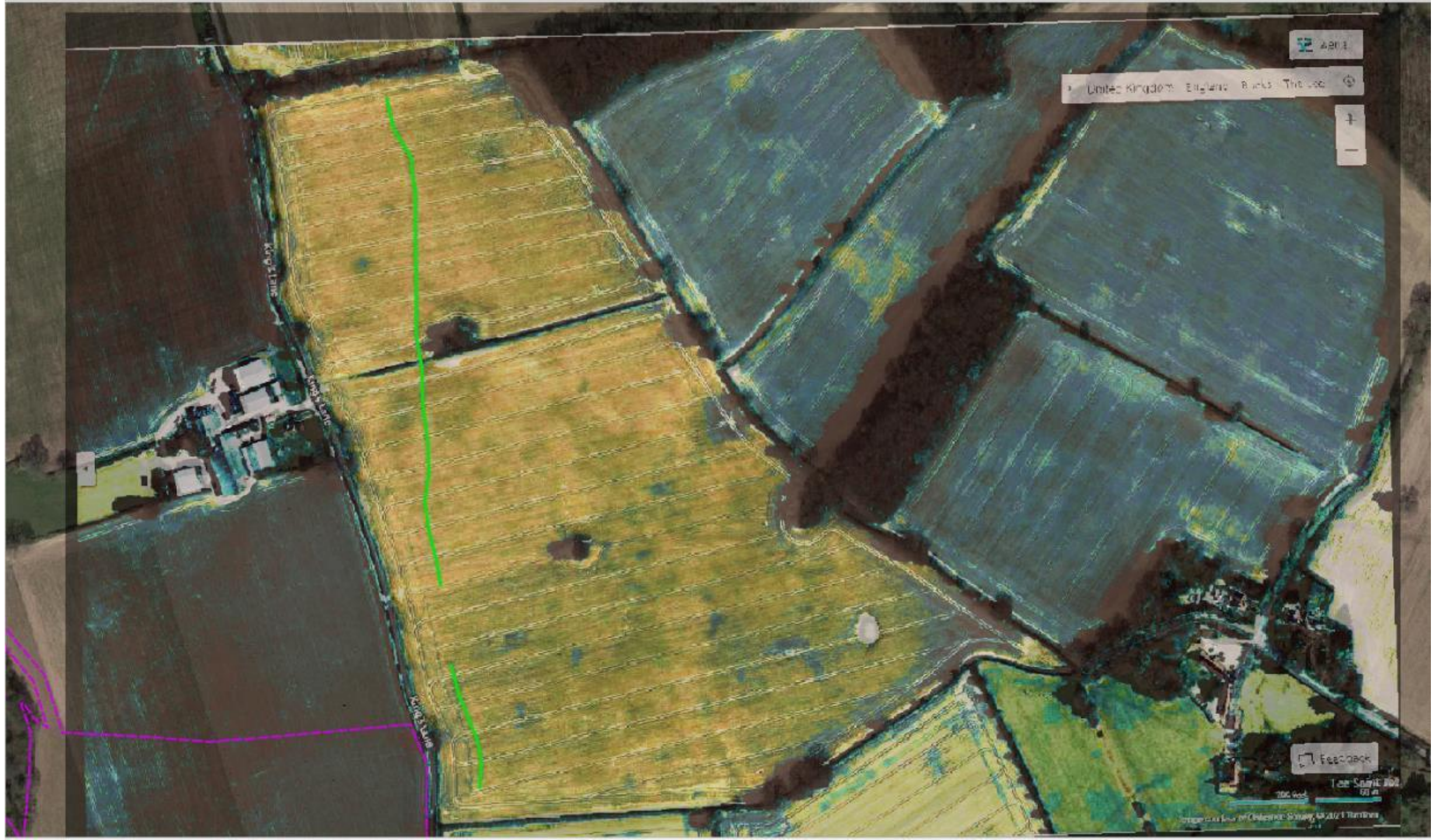
Buckinghamshire Grim's Ditch:  
Scheduled 350m long section  
extending north east from Cottage  
Farm



Buckinghamshire Grim's Ditch: Section  
extending across Hunts Green Farm  
discovered by HS2 work







AB01

United Kingdom England Bucks The Lee



Kingstons

Kingstons

Kingstons

Feedback

The Spirit of the Lee

200 feet

Imagery courtesy of Ordnance Survey, Mapbox & TerraStar

