

Fusion JV -EWC

fusion
Connecting people

**HS2 Phase 1 Central Section:
Heritage sub-group June 2019 update**

Fusion Historic Environment Team June 14 2019

2019 update Fusion Central Section HERDS Report

- **Progress update**
- **Recent discoveries and investigations**
 - *Archaeology and historic landscape/built heritage*
- **Look ahead Jul–Dec 2019**
- **Contribution to HERDS objectives**
- **Key themes /patterns emerging**
- **Community, sector, and academic engagement**

Stage 1	Geophysics Routewide	Scope to go	Progress	Stage 1 intrusive surveys	Progress
GLA/ Herts	Completed earlier	0	100%	359/401 interventions- 10 site areas in progress- MHI	89%
Bucks	693ha – 67 locations	133ha	93%	1080/1197 interventions -25 site areas in progress - Infra/LP Archaeology/Connect	90%
N'Hants	396ha - 30 locations	45ha	87%	231/685 interventions -13 site areas in progress MHI and Connect	33%
Oxon	65ha -15 locations	0ha	100%	45 interventions – 2 site areas complete -Connect	100%
Warks	205 ha – 10 locations	17ha	95%	91/119 interventions – 2 site areas- Connect	76%
Total	1359 ha	195ha	94%	1806/2447 interventions - 52 sites	73%

Stage 2 archaeology– commencing August 2019

- **Stage 2 intrusive surveys derived from geophysical results at 32 new sites across central section covering 666ha**
- **Trial trench project plans – no. 28 - completed**
- **and Routewide project plans (not started) for:**
 - *Palaeoenvironment* (further evaluation of Pleistocene and Holocene sequences at 13 locations – derived from GDBA and latest HS2 GI data)
 - *Parish boundary and important hedgerow survey* (classification and investigation form and date of 11 key township boundaries to support open field development research)
 - *Ancient Woodland survey* (woodland survey and test pits at 6 locations to investigate origins and pre woodland land-use)
 - *Topsoil sampling strategy* (site selection for further test pits to sample topsoil finds distribution for early prehistoric and late roman to early medieval material)

Stage 1 Built Heritage/landscape

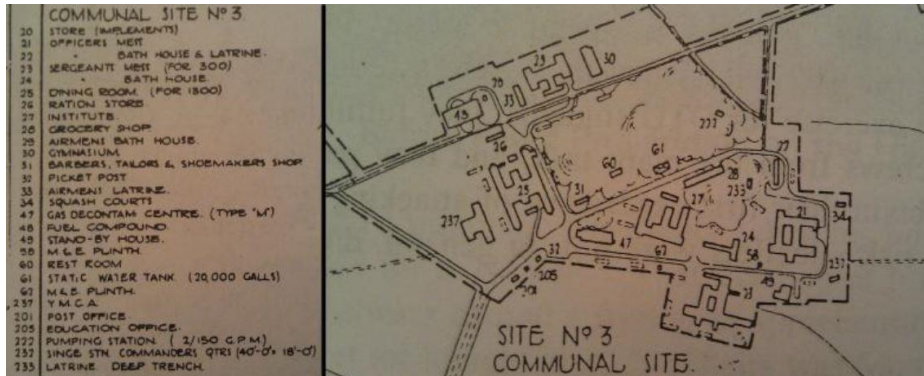
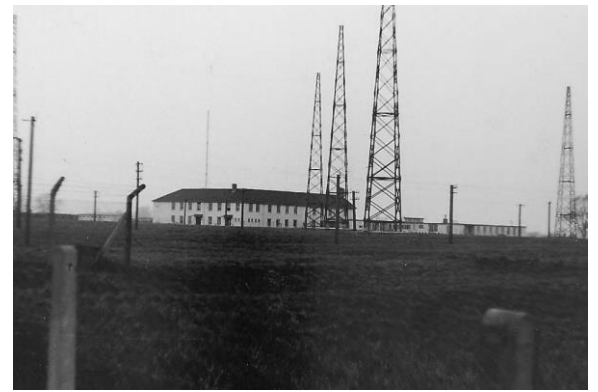
- 6 setting recordings completed for designated and non designated sites
- 4 building recordings complete

Stage 2 Built Heritage/landscape

- 17 project plans for further building recording completed comprising:
 - *5 setting/historic landscape recording*
 - *12 building recording*

20th century conflict

SOE transmitter Portway Farm



Calves Close Spinney, RAF Dispersed site

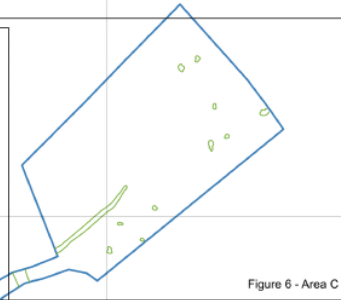
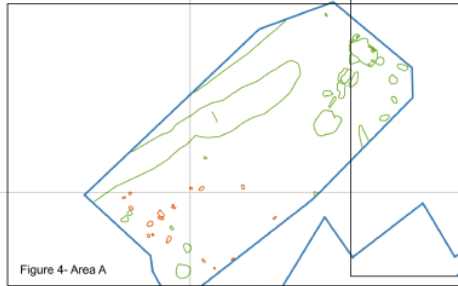


Wireless transmitting Station RAF Greatworth Park

Report on 2019 mitigation works C1/C2

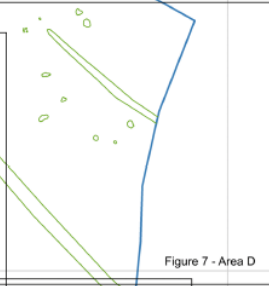
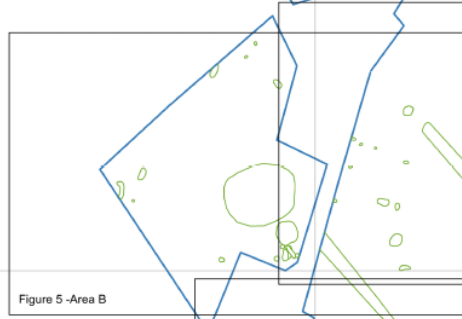
- **Dews Farm**
- **South Portal (West Hyde)**
- **North Portal (Great Missenden)**
- **Planned later 2019:**
 - *Wellwick Farm, Wendover*
 - *Doddershall DMV and RB farmstead*

Area A
MED-PMED quarry



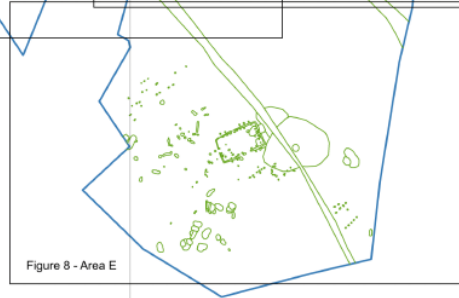
Area C
Largely empty –
confirming the
results of the
eval

Area B
2 quarry
features. Poorly
dated PRE-
ROM period

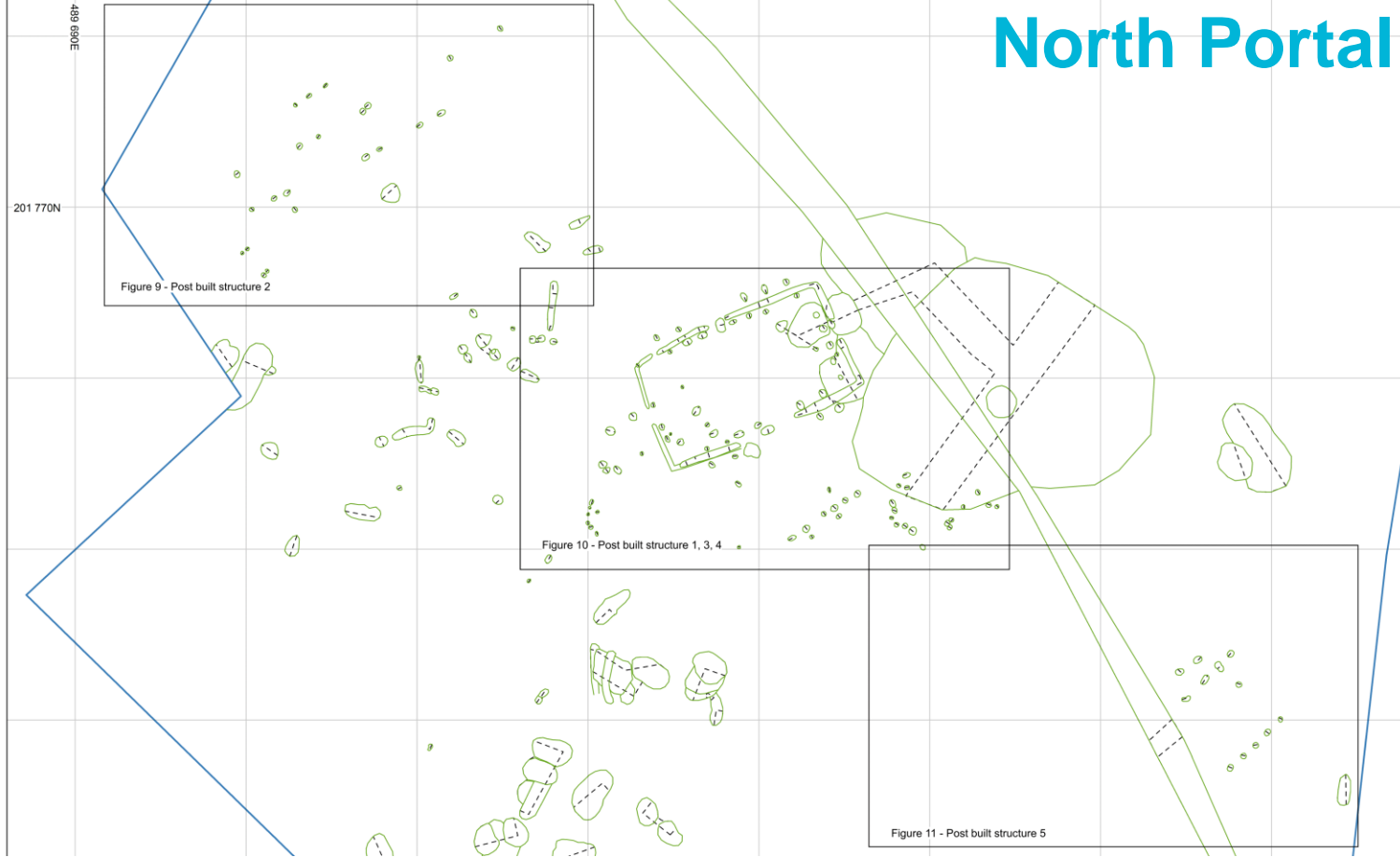


Area D
Dominated by
PMED lynchet
field
system

Area E
EMED settlement
Evidence for around 5
post built structures



North Portal



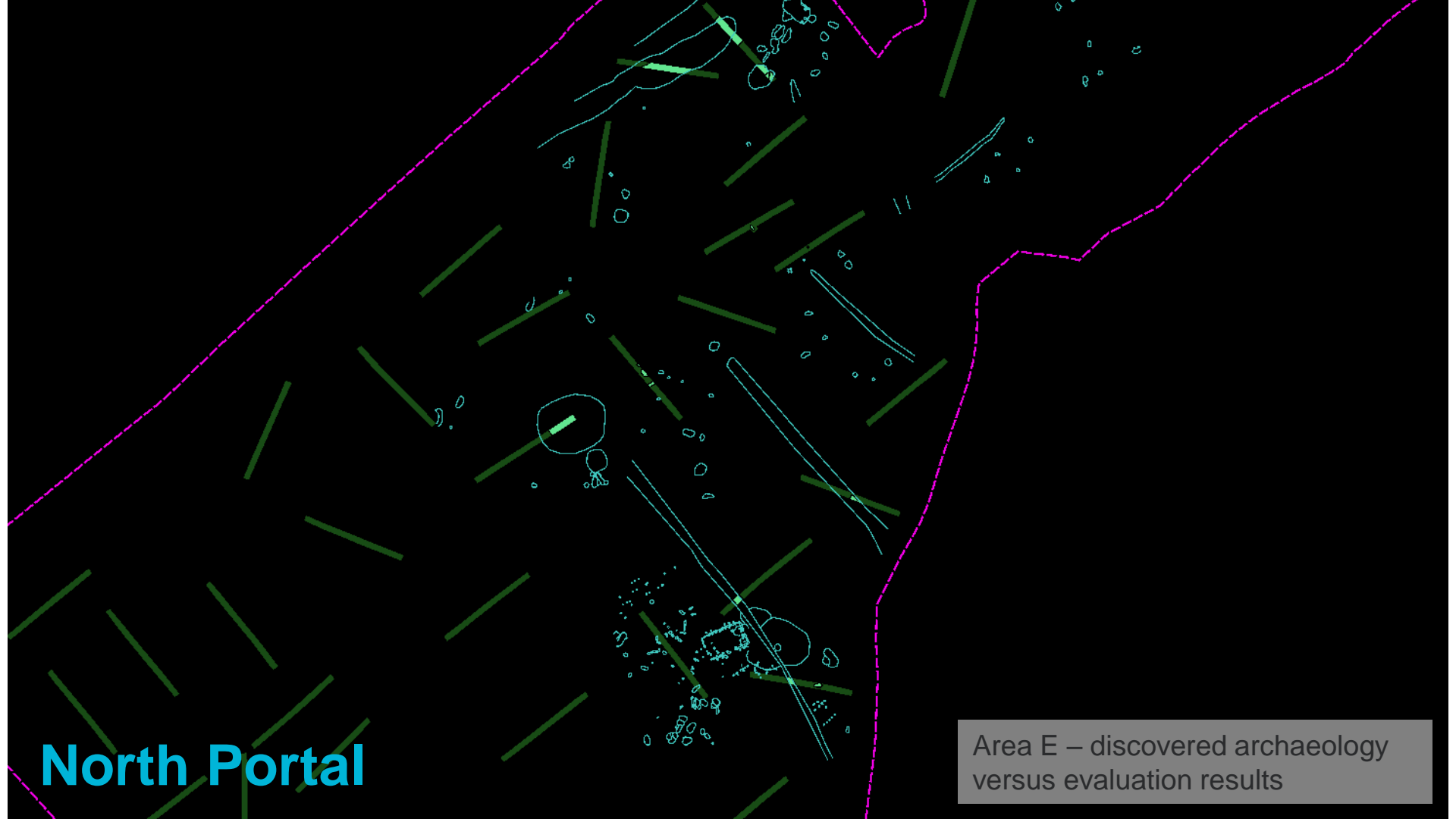
Area E - Early (prehistoric), low level, use of the site for quarrying flint and possible transient occupation. Roman period quarrying. Significant Anglo Saxon occupation of the area – long houses etc. Use of the site not clear but likely to be related to quarrying

Area E - Early (prehistoric), low level, use of the site for quarrying flint and possible transient occupation. Roman period quarrying. Significant Anglo Saxon occupation of the area – long houses and pitting. Poor finds and environmental assemblages.



North Portal

North Portal



Area E – discovered archaeology versus evaluation results

+ CHALFONT LANE NEO-BA-IA-ROM PITS

19TH C
QUARRYING

0m 100m

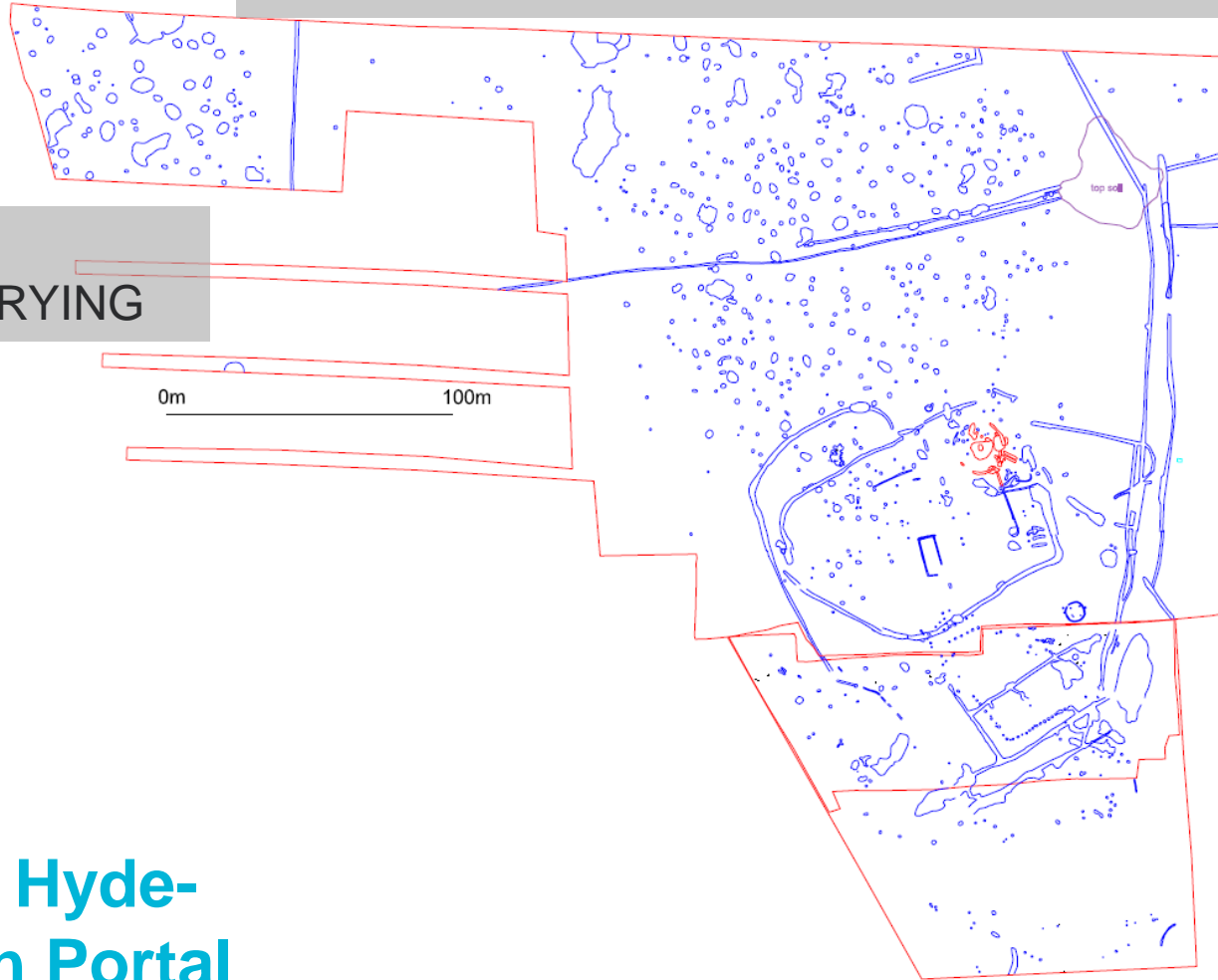
POST MED
TRACKWAYS

ROM ENCLOSED
SETTLEMENT C^{2ND}
-3RD

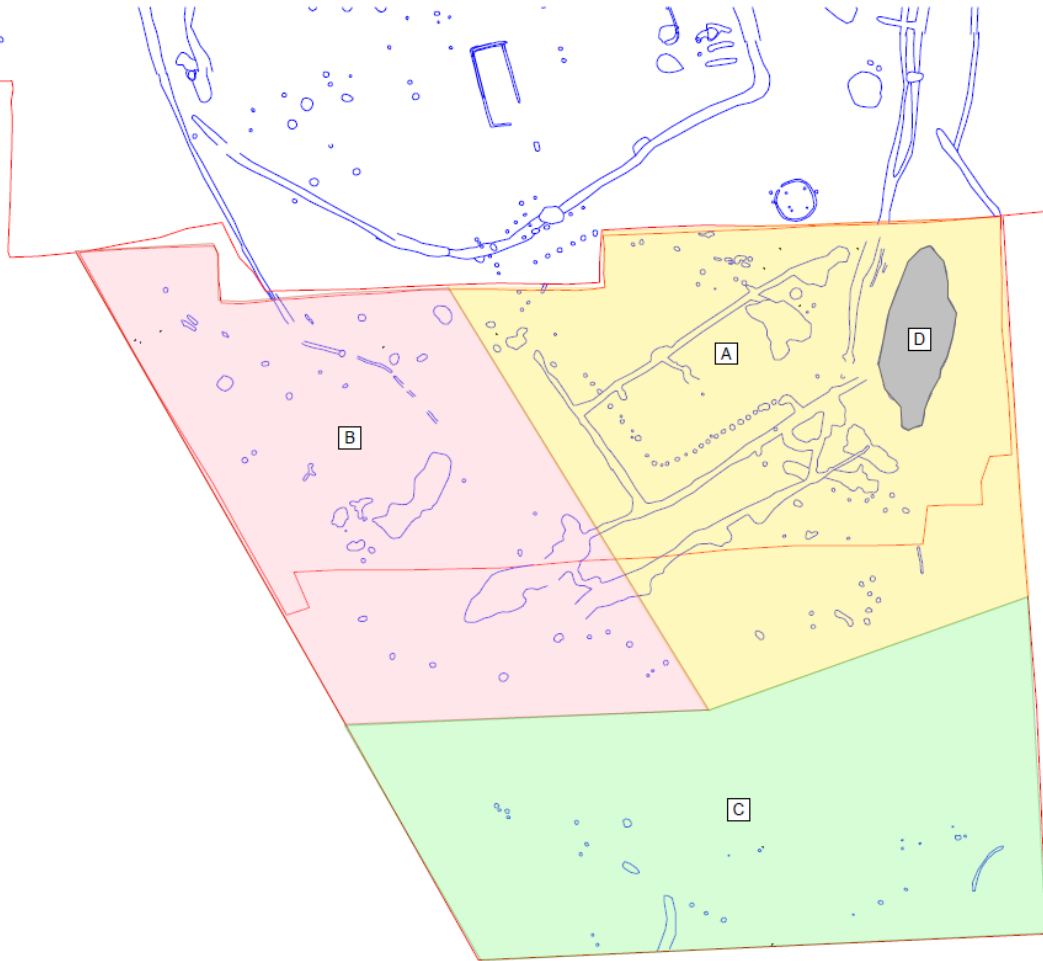
LATER C3RD
EXTENSION

MIA DISPERSED
FEATURES

West Hyde-
South Portal



West Hyde



C 2ND-3RD
TIMBER
BUILDING

Late 3RD post
built structures

Late 3RD post
built palisade/
stock enclosure

Poor
preservation of
animal bone

Moderate
ceramic
assemblage

Occasional coin
and CU alloy
adornments

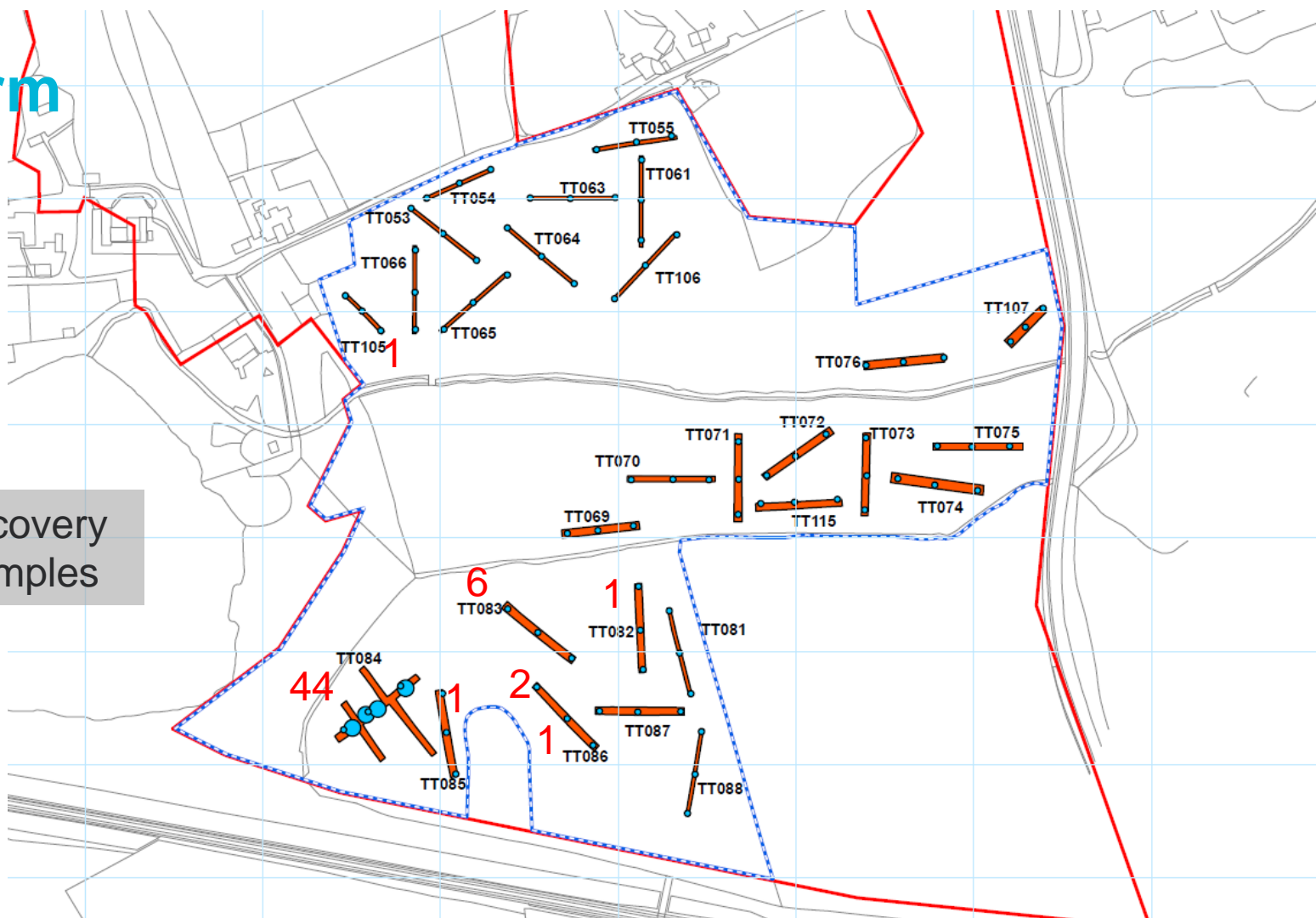
Moderate CBM

Moderate quern
stone fragments

0m

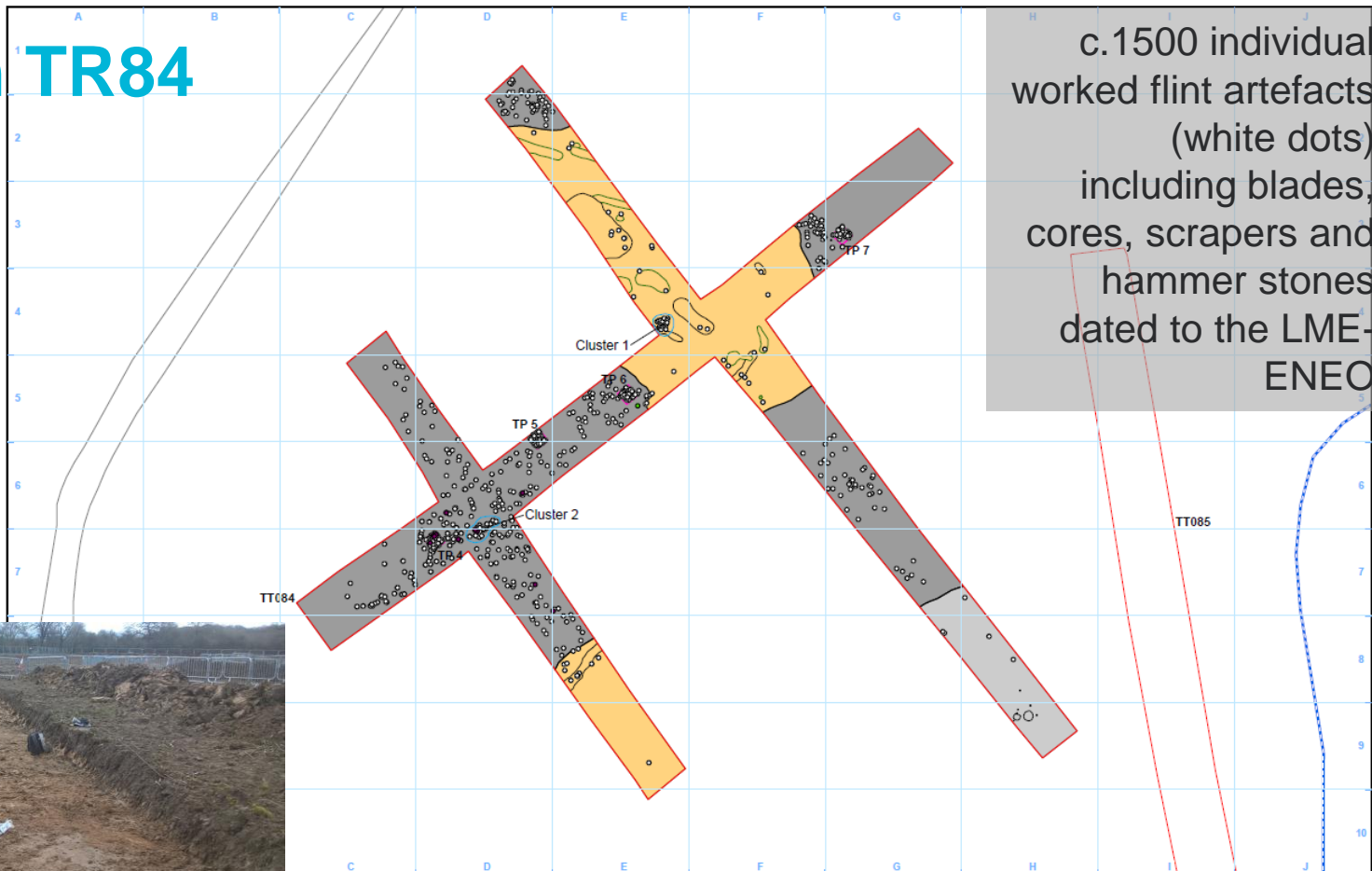
100m

Dews Farm



Worked flint recovery
from topsoil samples

Dews Farm TR84

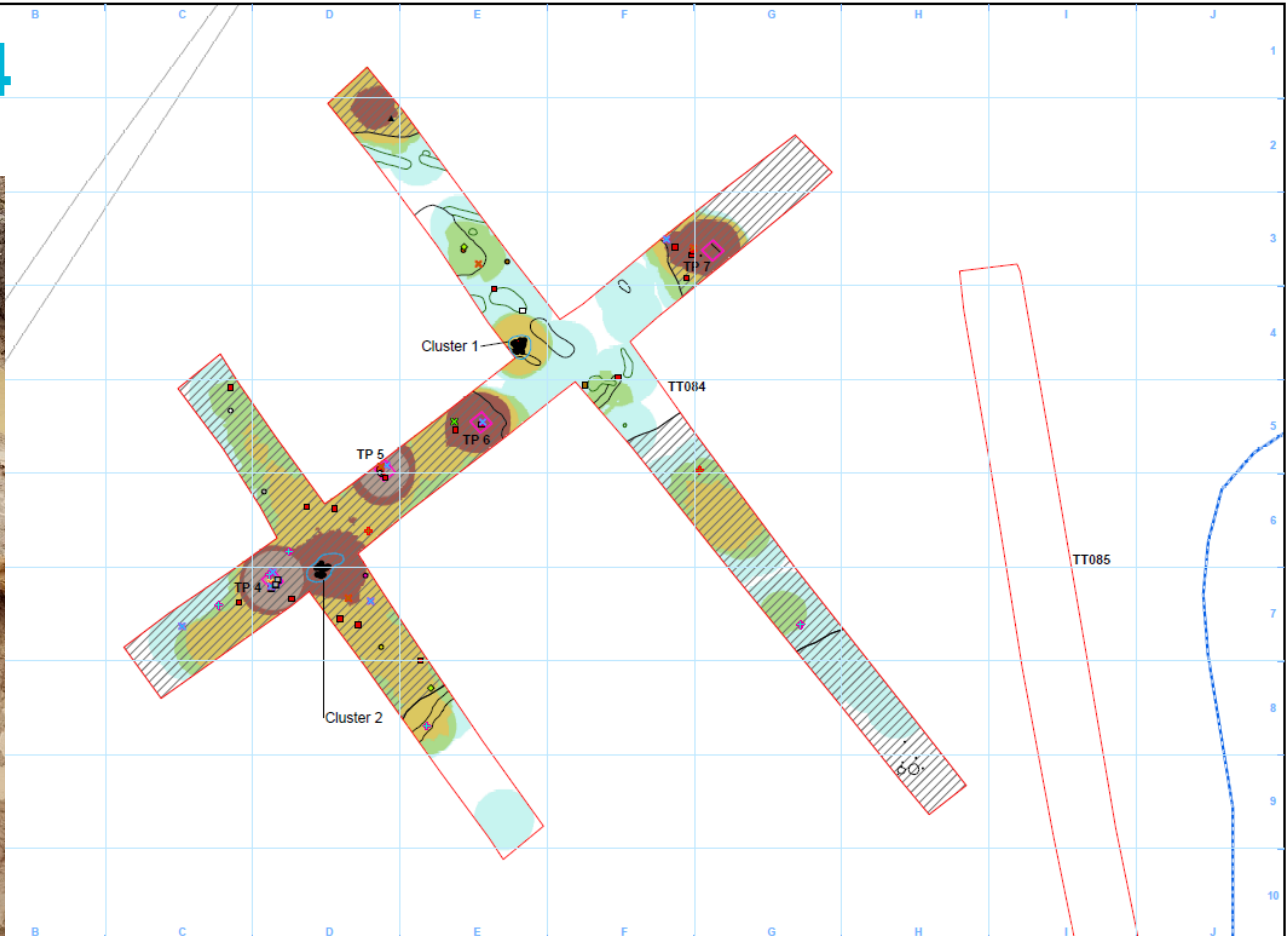


c.1500 individual worked flint artefacts (white dots) including blades, cores, scrapers and hammer stones dated to the LME-ENE0



<p>of small finds</p>	<p>Map Number 1EW03-FUS-GI-MAP-CS01_CL01-000004</p>	<p>h2 1022 Ltd accept no responsibility for any inaccuracies, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number: 03701066 Registered office: 1022 Limited, Stonehouse Park, Lacock, Wiltshire BA11 1JL.</p> <p>© Crown copyright and database rights 2010 Ordnance Survey. Licence Number: 100049300.</p> <p>Doc Number: Figure 5 The map forms part of report 1EW03-FUS-GI-MAP-CS01_CL01-000004</p>
	<p>Map Name Figure 5 Plan of lithic scatters and small finds in Trench 84</p>	
	<p>Community Forum Area 07: Colne Valley</p>	
<p>Scale at A3: 1:250</p>		<p>Date: 30/05/19</p>

Dews Farm TR84



lithic finds in trench 84
 0 finds per m²
 0 finds per m²
 30 finds per m²
 100 finds per m²
 0 finds per m²

Classified lithic scatters
 ● backed
 ■ bladelet
 ● burin
 ✕ burin spall
 ■ core

✕ core fragment
 ▲ core preparation
 ● core rejuvenation blade
 ● flint
 ✕ from blade core
 ◆ miscellaneously retouched blade

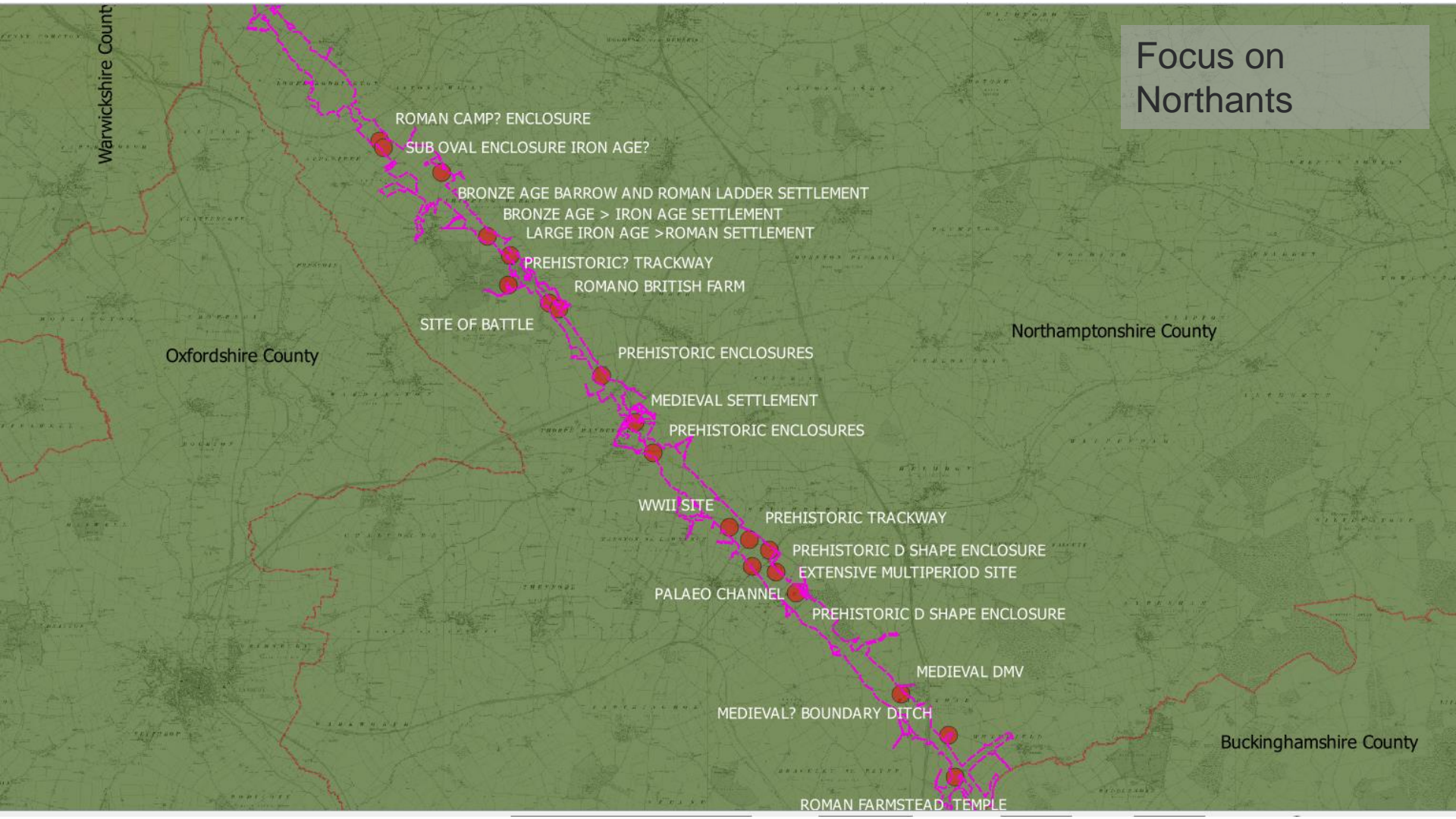
○ miscellaneously retouched flake
 ▲ notched
 ▲ platform prep
 ✕ primary flake
 ● reduction
 ● river pebble

◆ serrated blade
 ■ sode scraper
 ✕ soft hammer blade
 ● soft hammer flake
 ◆ utilised blade

Map Number
 1EW03-FUS-GI-MAP-CS01_CL01-000004
 Map Name
Figure 6 Plan of classified lithic scatters in Trench 84
 Community Forum Area 07:
 Colne Valley

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Focus on Northants



Edgcote



- C31028 Late Prehistoric
- Romano-British Settlement –
- Trial Trenching planned



Possible Roman Road



Landscape zones

Provisional significant evidence at 54 sites



Medieval period

Provisional significant evidence



Roman period

**Provisional
significant evidence**



Prehistoric

**Provisional
significant evidence**



Emerging themes

- **Expected site distribution playing out e.g. EPRE Colne Valley**
- **The “blank middle”- soils/geology/long lived primary woodland?**
- **Impact of millennia of ploughing**
- **Assemblages generally material poor**
- **LBA to ROM – clear evidence accumulating for landscape organisation**
- **EMED evidence typically low level – some settlement and possibly burial sites**

Key opportunities Stage 2

- Digital archives and updating HERs
- Digital excavation data: the opportunity
- Pottery type series
- Compare Lidar versus magnetometry coverage for Ridge and Furrow
- Map headlands and open field structure
- Can we date development of open field system?
- What evidence for 5-9th century settlement?
- Trace EPRE activity in other river valleys

Community, sector, and academic engagement

- **17 events completed 2018**
- **7 events 2019 so far...**
- **St Mary's volunteer programme and open days**
- **Continuing voluntary talks across route**
- **Regular attendance at community drop in sessions**
- **2nd Bucks Archaeology conference planned for 2019**
- **Plan to collaborate with Durham University on dating earthworks**
- **1 no. work experience placement with Fusion team now**