

Archaeological evaluation at Land off Stafford Road, Penkridge, Staffordshire

Worcestershire Archaeology
for Orion Heritage

September 2020



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LAND OFF STAFFORD ROAD PENKRIDGE STAFFORDSHIRE

Archaeological evaluation report



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SITE INFORMATION

Site name: Land off Stafford Road, Penkridge
Local planning authority: South Staffordshire Council
Planning reference: 17/01022/OUT Appeal ref: APP/C3430/W/18/3213147
Central NGR: NGR 392331 314982
Commissioning client: Orion Heritage Ltd
Client project reference: PN1432/3
WA project number: P5761
WA report number: 2811
Oasis reference: fieldsec1-392412

DOCUMENT CONTROL PANEL				
Version	Date	Author	Details	Approved by
1	24/08/2020	E Iliff	Draft for comment	T Rogers
2	08/09/2020	E Iliff	Addressing client comments	T Rogers

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Archaeological Evaluation at Land off Stafford Road, Penkridge, Staffordshire

By Elspeth Iliff

With contributions by Rob Hedge

Illustrations by Laura Templeton

Summary

An archaeological evaluation was undertaken at land off Stafford Road, Penkridge, Staffordshire (NGR 392331 314982). It was commissioned by Orion Heritage on behalf of Bloor Homes Midlands, in advance of a proposed residential development. A planning application has been submitted to South Staffordshire Council, and has been granted on appeal, subject to a programme of archaeological works.

The proposed development site comprises a number of fields located to the north of Penkridge, to the west of Stafford Road. A total of 56 trenches were excavated across a 9.76ha area, laid out partly on a grid array and partly to test anomalies identified in a previous geophysical survey.

No archaeologically significant finds or features were recorded. Furrows were present in several trenches, representing the truncated remains of medieval or post medieval strip field agriculture. Three ditches of post-medieval date were also identified which are thought to be related to agricultural use of the site. The majority of geophysical features correlated with furrows or natural features.

Several sherds of unstratified post medieval pottery including the base of a scratch-blue white stoneware bowl were recovered from the topsoil following the completion of the evaluation.

Report

1 Introduction

1.1 Background to the project

An archaeological evaluation was undertaken by Worcestershire Archaeology (WA) in February and July 2020 at land off Stafford Road, Penkridge, Staffordshire (NGR 392331 314982). This comprised the excavation of 56 trenches. The project was commissioned by Orion Heritage on behalf of Bloor Homes Midlands, in advance of a proposed residential development. A planning application has been submitted to South Staffordshire Council and permission has been granted on appeal, subject to a programme of archaeological works (planning reference 17/01022/OUT; appeal reference APP/C3430/W/18/3213147).

The archaeological advisor to the local planning authority considered that the proposed development has the potential to impact upon possible heritage assets. Previous geophysical survey on the site conducted as part of this project had identified potential historical agricultural features.

The project conforms to a Written Scheme of Investigation prepared by Orion Heritage (Orion Heritage 2019), approved by the archaeological advisor to South Staffordshire Council. The evaluation also conforms to the industry guidelines and standards set out by the Chartered Institute for Archaeologists in *Standard and guidance: for archaeological field evaluation* (CIfA 2014a).

1.2 Site location, topography and geology

The site is located c.1km north of Penkridge. The site comprises pasture fields across a 9.76ha area. It is bounded by housing to the southwest, the Stafford Road to the east, a railway line to the west, and agricultural land to the north. The river Penk passes c.175m to the south-east of the site and two small watercourses cross the site, from the north and the west, both heading south-east to the river. The topography of the site is undulating, varying between 82.26m AOD at the southern end to 87.38m AOD at the western side. The largest, central field reaches a high point of 86.12m before sloping down towards the south-east, while the south-western fields are relatively flat. The underlying geology comprises bedrock of Mercian Mudstone formation (BGS 2020).

2 Archaeological and historical background

2.1 Introduction

An archaeological desk-based assessment (DBA) of the site was undertaken by Orion Heritage, on behalf of Bloor Homes Midlands (Orion Heritage 2017). The findings presented in the DBA are summarised below.

A search of the South Staffordshire Historic Environment Record (HER) was undertaken for a 1km study area around the site. This search produced twelve event records within this area. Two of these events were findspots relating to the Prehistoric period, a Middle Bronze Age copper alloy Palstave (MST 19894) and an Early Neolithic to Middle Bronze Age stone macehead (MST 1912).

Only one HER entry from the area related to the Roman period, consisting of a fourth century coin found by metal detectorists (MST16929). A number of Roman sites lie to the south of this site, the nearest c3.6km away, including the Roman town of Pennocrucium, and military camps at Water Easton, Kinvaston and Streeton Hall.

A Royal Charter from 958 provides the earliest documented reference to Penkridge, as 'Pencric', but it is possible that the name Penkridge originated from the nearby Roman town Pennocrucium. The HER search produced two records of Saxon/Early Medieval date to the south of the site, Penkridge Manor (MST 11434) and Penkridge market settlement (MST 2344). Other medieval sites recorded on

the HER include the church and churchyard of St Michael and All Angels (MST 17775), and manors at Crown Bridge and Market Place.

Ridge and furrow has been recorded c.830m to the southwest of the site (MST 5666). As such there is considered to be low to moderate potential for agricultural activity dating to this period. In the Post-Medieval to Modern period the site formed part of Penkridge Manor, part of the Hatherton Estate, as shown on a map of 1754. The land remained part of this estate until 1919, when it was sold as one of a number of farms sold to their tenants. Mapping since the mid-19th century to the present day consistently show the site as agricultural land.

2.2 Previous archaeological work on the site

Archaeological work on the site prior to the evaluation consisted of a desk-based assessment and site walkover conducted partly on the southern end of the site (EST 1844) and a geophysical survey of the site (Magnitude Surveys 2019). The desk-based assessment identified a potential for prehistoric remains and the geophysical survey identified anomalies thought to derive from historical agricultural use of the land and natural geological variations.

3 Project aims

The principal aims of the archaeological investigation are to:

- Determine the presence or absence of archaeological remains;
- Determine the character, extent, date, complexity, integrity, state of preservation and quality of any archaeological remains present, therefore ensuring their preservation by record, and;
- To provide robust baseline information to inform the scoping of a mitigation strategy, should this be required.

The general objectives are to ensure:

- The protection and recording of archaeological assets discovered during the archaeological works;
- That any below-ground archaeological deposits are promptly identified, and;
- The recording of archaeological remains, to place this record in its local context and to make this record available.

4 Project methodology

A Written Scheme of Investigation (WSI) was prepared by Orion Heritage (Orion Heritage 2019). Fieldwork was undertaken between 12 and 27 February, and 27 and 30 July 2020.

A total of 56 trenches, amounting to 3100m² in area, were excavated over the 9.76ha site, representing a sample of 3.2%. The location of the trenches is indicated in Figure 2.

The trenches were laid out predominantly in a grid array with a number positioned to test geophysical anomalies. The initial phase of this project coincided with a period of heavy rainfall and flooding. Trench locations had to be amended to take account of the flooding: shorter test trenches were opened immediately adjacent to Trenches 37 and 41 in order to find possible archaeological features lost under flooding in their original trenches.

The proposed location of Trench 38 was moved to avoid a particularly low lying point in the field with the aim of avoiding the high water levels on site. During the initial phase of fieldwork, Trench 3 was not opened due to standing groundwater and the presence of a tree. Trench 4 was briefly attempted and then almost immediately backfilled due to the sudden ingress of groundwater and instability of the ground. Trenches 5 to 16 were also not attempted in the initial phase of the project due to the high

level of standing water in their respective fields. Trenches 17 and 18 were both shortened slightly to avoid the overgrown hedgerows surrounding that particular field.

The second phase of the project took place in July once the ground conditions had dried out. All remaining trenches were successfully excavated in this phase. Possible asbestos was found towards the west end of Trench 10, so this trench was recorded and backfilled promptly, ensuring the asbestos deposit was undisturbed.

Deposits considered not to be significant were removed under constant archaeological supervision using a 360° tracked excavator, employing a toothless bucket. Subsequent excavation was undertaken by hand. Clean surfaces were inspected and selected deposits were excavated to retrieve artefactual material and environmental samples, as well as to determine their nature. Deposits were recorded according to standard Worcestershire Archaeology practice (WA 2012) and trench and feature locations were surveyed using a GNSS device with an accuracy limit set at <0.04m. On completion of excavation, trenches were reinstated by replacing the excavated material.

All fieldwork records were checked and cross-referenced. Analysis was undertaken through a combination of structural and artefactual evidence, allied to the information derived from other sources.

The project archive is currently held at the offices of Worcestershire Archaeology. Subject to the agreement of the landowner it is anticipated that it will be deposited at The Potteries Museum and Art Gallery, Stoke-on-Trent.

5 Archaeological results

5.1 Introduction

The features recorded in the trenches are shown in Figure 3 and Plates 1-8. The trench and context inventory is presented in Appendix 1.

5.2 Phasing

5.2.1 Natural deposits

Natural deposits were encountered in all trenches and showed some variation across the site. These deposits consisted predominantly of a reddish-brown sandy clay, with patches of gravels and occasional bands of yellowy grey, greyish red, and orangey red clayey sands. In a number of trenches the natural deposits encountered were a pinkish red sandy clay with occasional gravel banding.

5.2.2 Phase 1: Medieval to Post-medieval deposits

Three parallel ditches were encountered in Trench 8 all on a north-east to south-west alignment. Ditch 803, the furthest south-east of the three, was substantially larger than the other two, measuring 4.26m wide and 0.72m deep. The ditch contained a large amount of stones and brick fragments, but its purpose was unclear. It was clear in the section that this ditch truncated the subsoil, which would indicate a later, likely post-medieval to modern date.

Ditches 806 and 808 were of similar sizes, with ditch 806 measuring 0.66m wide and 0.2m deep and ditch 808 measuring 0.72m wide and 0.2m deep. They had very similar wide, U-shaped profiles and appeared to be covered by a single layer (810). This layer was truncated in section by ditch 803 and was sealed by the subsoil (801). Unfortunately, no finds were recovered from any of these features to provide a more certain date, but they are considered likely to be post-medieval.

Furrows were present in Trenches 10, 11, 12, 14 and 15, all on a broadly north-east to south-west alignment. They measured between 2m and 4.5m in width and were all within a small cluster at the south-west end of the area.

5.2.3 Phase 2: Modern deposits

Topsoil deposits of a greyish brown sandy silt were encountered across the site, with a depth range of 0.2m to 0.44m. Subsoil deposits were also seen in all trenches, consisting of a reddish brown silty clay, measuring between 0.12m and 0.5m in depth. Land drains were encountered in Trenches 10, 16, 38, 39 and 44.

5.2.4 Undated deposits

An undated linear feature was seen crossing Trench 41 (4103). While this feature was identified when the trench was initially opened it was later lost under waterlogging and a small trench was opened immediately adjacent in order to expose it properly. This feature was found to be a shallow ditch measuring 0.25m in depth and 2.2m in width, running on a broadly north-east to south-west alignment. While no artefactual evidence was recovered from the fill and the feature remained undated, it is considered likely to be a furrow, due to the wide, shallow nature. It also appears to align with a geophysical anomaly interpreted as a furrow.

6 Artefactual evidence by

By Rob Hedge MCIfA

6.1 Introduction

The artefact report conforms to standards and guidance issued by the Chartered Institute for Archaeologists (CIfA 2014b), as well as further guidance on pottery analysis, archive creation and museum deposition created by various pottery study groups (PCRG/SGRP/MPRG 2016), the Archaeological Archives Forum (AAF 2011), and the Society of Museum Archaeologists (SMA 1993).

6.2 Aims

This assessment aimed to identify, sort, spot date, and quantify all artefacts and describe the range of artefacts present. The information has been used to provide a preliminary assessment of the significance of the artefacts.

6.3 Methodology

6.4 Recovery policy

Artefacts were recovered according to standard Worcestershire Archaeology practice (WA 2012).

All artefacts collected in the field were recovered by hand.

6.5 Method of analysis

All hand-retrieved finds were examined. They were identified, quantified and dated to period. A *terminus post quem* date was produced for each stratified context. This date was used for determining the broad date of phases defined for the site. All information was recorded on a Microsoft Access 2007 database, with tables generated using Microsoft Excel.

The pottery was examined under x20 magnification and referenced as appropriate by fabric type and form according to the fabric reference series maintained by Worcestershire Archaeology (Hurst and Rees 1992; WAAS 2017).

6.6 Discard policy

Artefacts from topsoil and subsoil and unstratified contexts will normally be noted but not retained, unless they are of intrinsic interest (e.g. worked flint or flint debitage, featured pottery sherds, and other potential 'registered artefacts'). Large assemblages of post-medieval or modern material, unless there is some special reason to retain (such as local production), may be noted and not retained, or, if appropriate, a representative sample will be retained. Discard of finds from post-medieval and earlier

deposits will only be instituted with reference to museum collection policy and/or with agreement of the local museum.

6.7 Results

6.7.1 Quantification

The results are summarised in Tables F1 and F2.

The assemblage totalled 102 finds weighing 1757g (see Table F1). All were within topsoil deposits, within nine trenches, and the majority were post-medieval in date.

Using pottery as an index of artefact condition this was generally fair: at 12.3g, average sherd weight was slightly above average, but this partly reflects the presence of large quantities of robust post-medieval ware: condition was generally poor, typical of material incorporated into agricultural soils through processes such as manuring.

period	material	object type	count	weight (g)
medieval/post-medieval	ceramic	brick/tile	11	51
		roof tile	11	317
post-medieval	ceramic	brick	1	78
	ceramic	clay tobacco pipe	8	12
	ceramic	pot	52	576
	ceramic	roof tile	6	440
	glass	vessel	3	99
	post-medieval/modern	ceramic	pot	10
Totals			102	1757

Table F1: Quantification of site assemblage

6.7.2 Discussion

6.7.3 Pottery

The pottery assemblage was largely mid to late-18th century in date, containing characteristic tablewares including white salt-glazed stoneware (fabric 81.5) and creamware (fabric 84), alongside more utilitarian earthenwares such as redware (fabric 78) pancheons and manganese mottled wares. Some later material in the form of whitewares (fabric 85), yellowware, and late stonewares (fabric 81.4) were also present: these are long-lived types that stretch into the 20th century, though for these examples a 19th century date is more likely.

In addition, in a small group of unstratified finds (together with modern glass and blue transfer-printed whitewares), there was a large base sherd of a scratch-blue white stoneware bowl, possibly a tea-bowl – this material (made between c 1740–80) was not included in the overall quantification (Derek Hurst, pers comm).

Broad period	fabric code	Fabric common name	count	weight(g)
Post-medieval	78	Post-medieval red ware	17	351
	81	General Stonewares	6	86
	81.3	Nottingham stoneware	1	31

	81.5	White salt-glazed stoneware	11	38
	84	Creamware	7	32
	100	Manganese mottled ware	11	44
Post-medieval /Modern	81.4	Miscellaneous late stoneware	2	139
	85	Modern china	3	1
	101	Yellowware	4	38
Totals			62	760

Table F2: pottery by fabric type

6.7.4 Ceramic building material

Small quantities of brick and flat roof tile were present: although not closely dateable, these could broadly be grouped into medieval/early post-medieval examples ranging from the 13th to the 17th century, and post-medieval types of 17th to 18th century date.

6.7.5 Other finds

A small quantity of 18th to early 19th century green vessel glass was recovered. Conjoining fragments of one clay pipe of mid-17th to early 18th century date were recovered from trench 8, featuring a heel stamp comprising a gloved hand.

6.8 Context dating

The following table gives suggested *terminus post quem* dates for the formation of each deposit containing artefacts.

context	material	object type	Count	weight (g)	start date	end date	TPQ date range
500	ceramic	pot	1	12	1600	1900	AD 1850 - 1950
			1	54	1850	1950	
			1	1	1760	1820	
			4	38	1830	1940	
		roof tile	1	48	1200	1700	
600	ceramic	pot	1	64	1700	1800	AD 1850 - 1950
			1	85	1850	1950	
			1	6	1720	1770	
			1	4	1760	1820	
700	ceramic	pot	2	9	1720	1770	AD 1760 - 1850
			3	16	1760	1820	
		roof tile	1	88	1200	1700	
	glass	vessel	1	23	1700	1850	
800	ceramic	brick/tile	11	51	1200	1800	AD 1800 - 1950
		clay tobacco pipe	8	12	1640	1730	
		pot	1	35	1700	1900	
			3	1	1800	1950	
		roof tile	2	48	1200	1700	
900	ceramic	pot	1	25	1700	1900	AD 1700 - 1900

context	material	object type	Count	weight (g)	start date	end date	TPQ date range
1000	ceramic	pot	11	44	1680	1780	AD 1680 - 1780
1200	ceramic	pot	7	58	1700	1900	AD 1720 - 1900
			6	86	1700	1900	
			7	22	1720	1770	
		7	133	1200	1700		
	roof tile	4	392	1600	1900		
glass	vessel	1	64	1700	1820		
1300	ceramic	pot	6	157	1700	1800	AD 1760 - 1850
			1	31	1690	1790	
			1	1	1720	1770	
			2	11	1760	1820	
	glass	vessel	1	12	1750	1850	
1400	ceramic	brick	1	78	1600	1800	AD 1600 - 1800
	ceramic	roof tile	2	48	1600	1800	

6.9 Significance

The artefactual remains are of negligible significance, comprising a background scatter probably related to the incorporation of domestic refuse into agricultural soils through processes such as manuring in the 18th and 19th centuries.

6.10 Recommendations

6.10.1 Further analysis

No further analysis is required

6.10.2 Discard/retention

The material is not thought to warrant retention, though the final decision rests with the receiving museum.

7 Environmental evidence

Environmental sampling was undertaken according to standard Worcestershire Archaeology practice (WA 2012). In the event no deposits were identified which were considered to be suitable for environmental analysis.

8 Discussion and Conclusions

The 56 trenches excavated across the site revealed few archaeological features, consisting of three post-medieval ditches, one possible isolated furrow, and a discrete area of medieval to post-medieval furrowing. The three ditches in Trench 8 are all immediately adjacent and parallel to one another, consisting of two smaller, likely contemporary ditches, and one larger, later feature. These features appear to line up with an anomaly on the geophysical survey, and possibly with a field boundary depicted on mapping from 1754 (Orion Heritage 2017). Given the post-medieval date of these features and the lack of anything other than agricultural boundaries on the early mapping, it is highly likely that these ditches were field boundaries or drainage ditches.

The linear feature in Trench 41 has been interpreted as a furrow, due to its size and form, and to its correlation with a geophysical anomaly identified as a probable furrow. It is noted that this feature was the only confirmation found of any of the geophysical anomalies in that area of the site. It is also noted

that the series of furrows found in the south-west end of the site do not all correlate to geophysical anomalies.

This evaluation has characterised a number of features, all relating to medieval to post-medieval agriculture. The small number of finds recovered date primarily from the post-medieval period, with a limited amount of medieval to post-medieval ceramic building material. These finds were all recovered from topsoil deposits and likely relate to agricultural processes such as manuring in the post-medieval period. Due to the lack of any earlier deposits or finds being identified, the potential for further archaeology beyond recent agricultural deposits is deemed to be low.

The methods adopted allow a high degree of confidence that the aims of the project have been achieved. While conditions were unsuitable in a small number of the trenches due to flooding, the overall conditions and coverage were considered suitable to identify the presence or absence of archaeological features and to properly test the geophysical anomalies. It is considered that the nature, density and distribution of archaeological features provides an accurate characterisation of the development site as a whole.

9 Project personnel

The fieldwork was led by Andy Mann, MClfA and Peter Lovett ACIfA, assisted by Elspeth Iliff, PCIfA, Beth Williams, Hazel Whitefoot, PCIfA, and Yago Terroba Souto.

The project was managed by Tom Rogers, MClfA. The report was produced and collated by Elspeth Iliff. Specialist contributions and individual sections of the report are attributed to the relevant authors throughout the text.

10 Acknowledgements

Worcestershire Archaeology would like to thank the following for the successful conclusion of the project: Cathy Patrick (Orion Heritage Ltd) and Shane Kelleher (County Archaeologist, Staffordshire Council).

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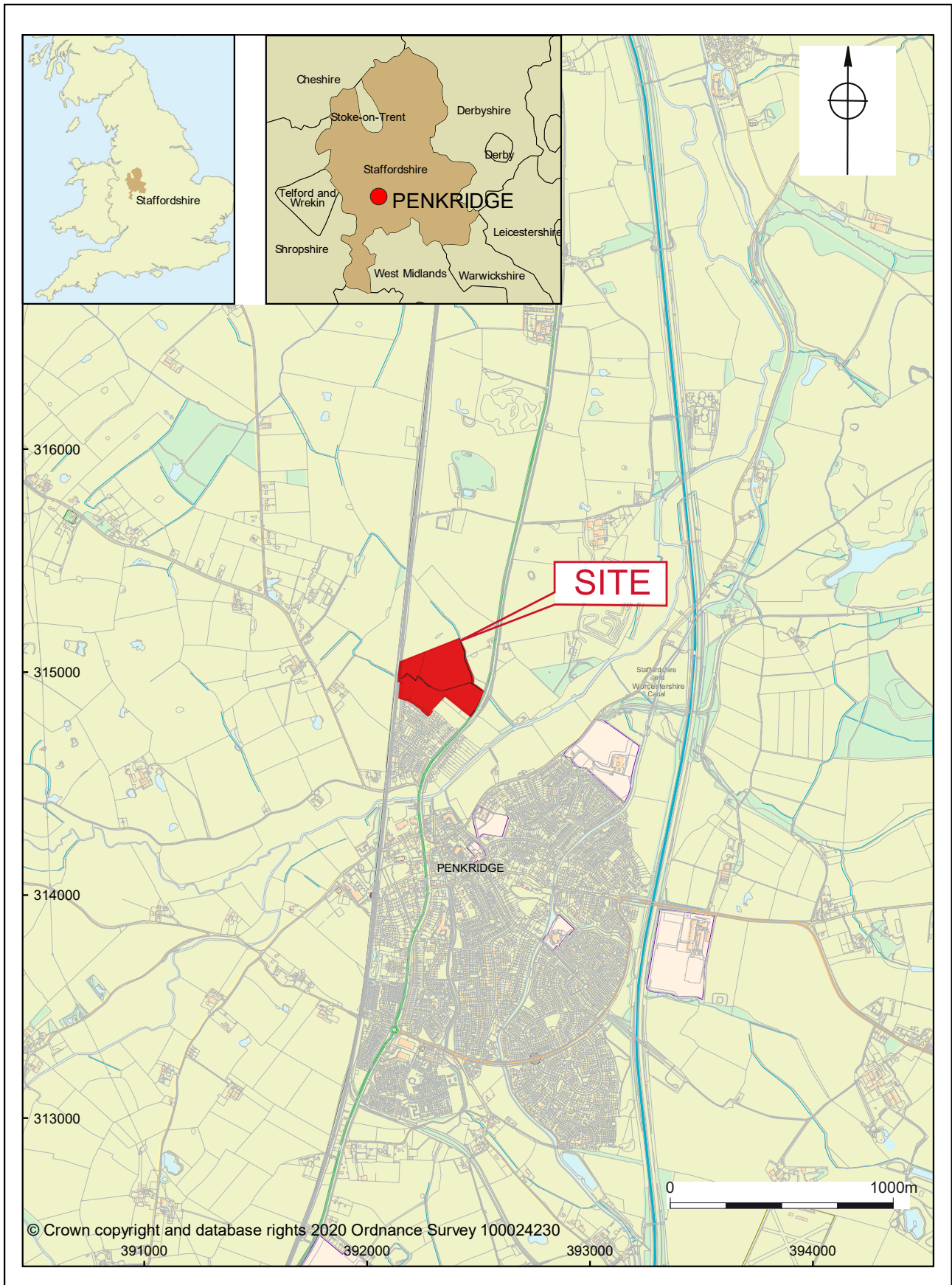
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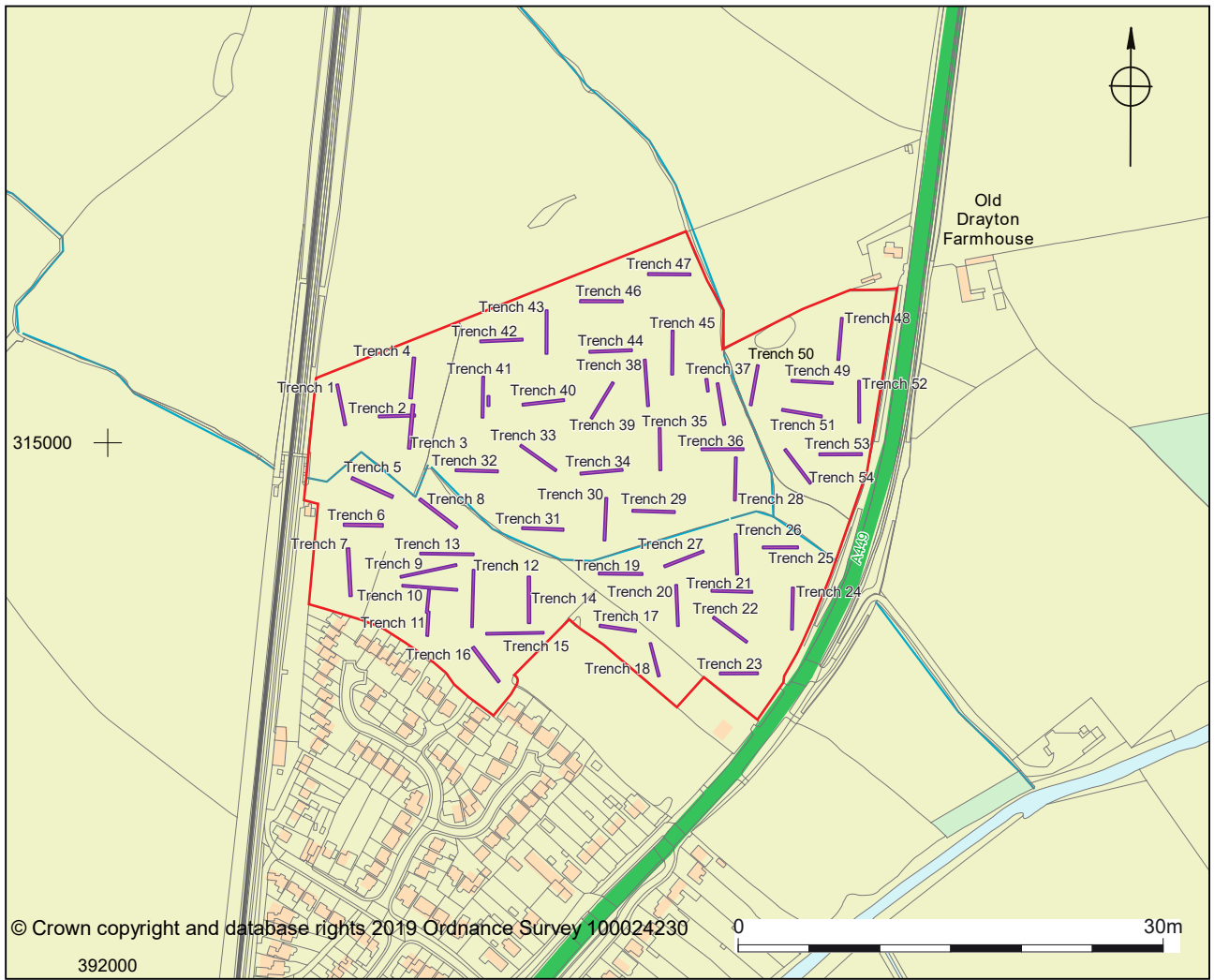
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Figures



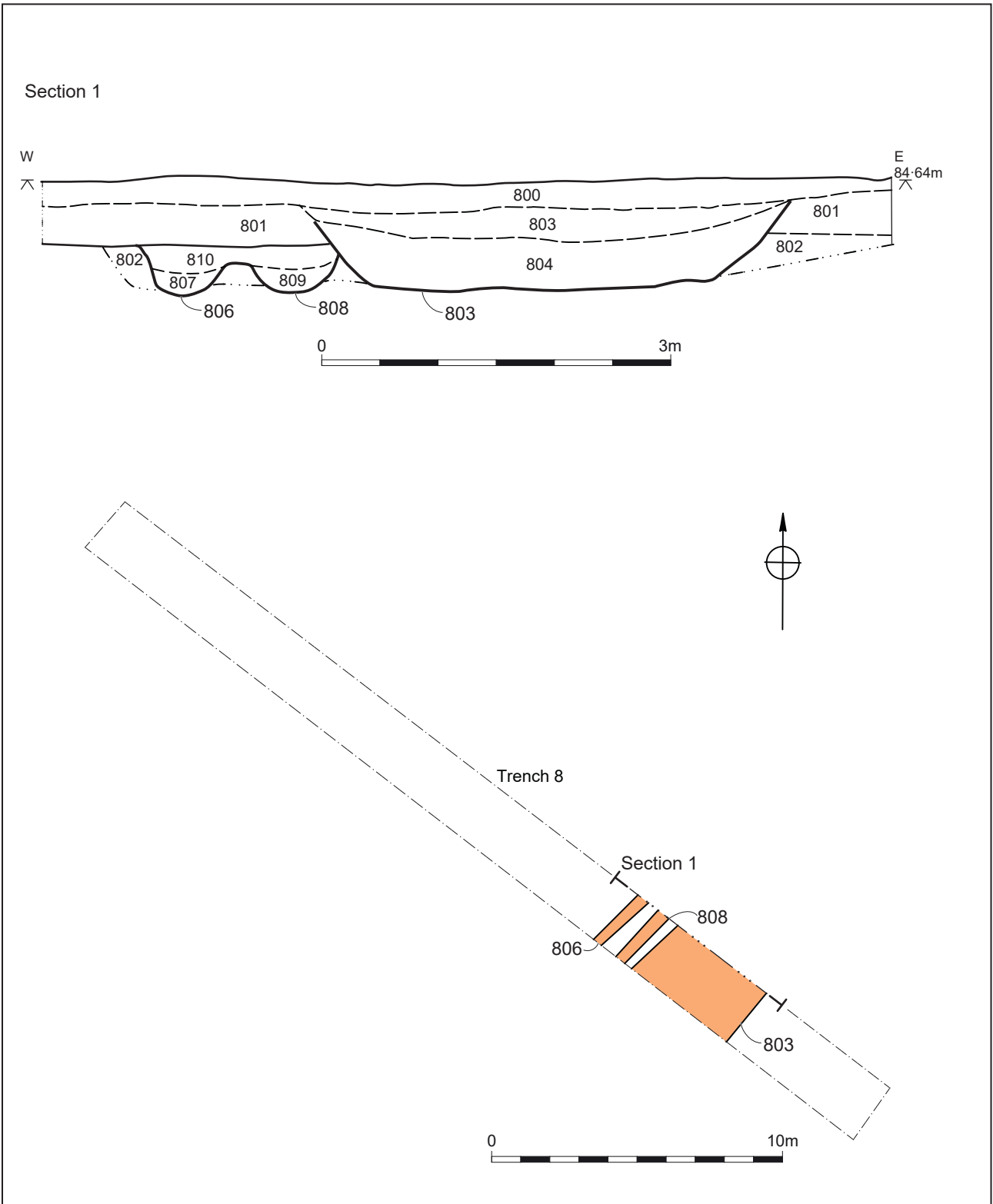
Location of the site

Figure 1



Trench locations

Figure 2



Trench 8, Section 1

Figure 3

Plates



Plate 1: A view over the site before excavation of trenches, facing north-west



Plate 2: Trench 24, facing north (scales 1m)



Plate34: Trench 28, facing south (scales 1m)



Plate 4: Trench 31 showing waterlogged conditions, facing west (scales 1m)



Plate 5: Trench 7, showing drier phase 2 conditions, facing north (scales 1m)



Plate 6: West facing section of Trench 24, facing east (scale 1m)

Appendix 1: Trench descriptions

Trench 1

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
100	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
101	Subsoil	Layer	Subsoil	0.5m	Mod compact mid brownish orange sandy clay
102	Natural	Layer	Natural		Mod compact Mid orangey red Clayey sand

Trench 2

Length: 26m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
200	Topsoil	Layer	Topsoil	0.25m	Friable mid greyish brown sandy silt
201	Subsoil	Layer	Subsoil	0.35m	Mod compact mid brownish red clayey sand
202	Natural	Layer	Natural		Mod compact light yellowish grey clayey sand

Trench 3

Length: 30m Width: 2m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
300	Topsoil	Layer	Topsoil	0.3m	Loose mid greyish brown silty sand
301	Subsoil	Layer	Subsoil	0.4m	Loose mid yellowish brown silty sand
302	Natural	Layer	Natural		Loose mid brownish yellow silty sand

Trench 4

Length: 30m

Width: 2m

Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
400	Topsoil	Layer	Topsoil	0.29m	Loose mid greyish brown silty sand
401	Subsoil	Layer	Subsoil	0.43m	Loose mid yellowish brown silty sand
402	Natural	Layer	Natural		Loose mid brownish yellow silty sand

Trench 5

Length: 30m

Width: 2m

Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
500	Topsoil	Layer	Topsoil	0.3m	Loose mid greyish brown silty sand
501	Subsoil	Layer	Subsoil	0.4m	Loose mid reddish brown silty sand
502	Natural	Layer	Natural		Loose mid brownish grey silty sand

Trench 6

Length: 30m

Width: 2m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
600	Topsoil	Layer	Topsoil	0.2m	Loose mid greyish brown silty sand
601	Subsoil	Layer	Subsoil	0.4m	Loose mid reddish brown silty sand
602	Natural	Layer	Natural		Loose mid greyish brown silty sand

Trench 7

Length: 30m

Width: 2m

Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
700	Topsoil	Layer	Topsoil	0.25m	Loose mid reddish brown silty sand
701	Subsoil	Layer	Subsoil	0.56m	Loose mid reddish brown silty sand
702	Natural	Layer	Natural		Loose mid greyish brown silty sand

Trench 8

Length: 30m

Width: 2m

Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
800	Topsoil	Layer	Topsoil	0.22m	Loose light greyish brown silty sand
801	Subsoil	Layer	Subsoil	0.26m	Loose mid reddish brown silty sand
802	Natural	Layer	Natural		Loose mid brownish grey silty sand
803	Ditch	Cut	Cut of ditch	0.72m	
804	Ditch	Fill	Primary fill of [803]	0.26m	Loose mid reddish brown silty sand and small to large sub rounded stones
805	Ditch	Fill	Secondary fill of [803]	0.26m	Loose mid greyish brown silty sand
806	Ditch	Cut	Cut of ditch		
807	Ditch	Fill	Fill of ditch [806]	0.2m	Moderately compact mid blueish grey silty sand/silty clay
808	Ditch	Cut	Cut of ditch		
809	Ditch	Fill	Fill of ditch [808]	0.2m	Moderately compact mid blueish grey silty clay/sandy silt
810	Ditch	Fill	Fill of ditches [806] and [808].	0.22m	Loose mid blueish grey sandy silt

Trench 9

Length: 30m Width: 1.5m Orientation: NE-SW

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
900	Topsoil	Layer	Topsoil	0.22m	Loose mid greyish brown silty sand
901	Subsoil	Layer	Subsoil	0.35m	Loose mid yellowish brown silty sand
902	Natural	Layer	Natural		Loose mid greyish brown with yellow white banding silty sand

Trench 10

Length: 30m Width: 1.5m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1000	Topsoil	Layer	Topsoil	0.22m	Loose mid greyish brown silty sand
1001	Subsoil	Layer	Subsoil	0.3m	Loose mid reddish brown silty sand
1002	Natural	Layer	Natural		Loose mid brownish grey silty sand

Trench 11

Length: 30m Width: 1.5m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1100	Topsoil	Layer	Topsoil	0.2m	Loose mid greyish brown silty sand
1101	Subsoil	Layer	Subsoil	0.3m	Loose mid reddish brown silty sand
1102	Natural	Layer	Natural		Loose mid brownish grey silty sand

Trench 12

Length: 30m Width: 1.5m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1200	Topsoil	Layer	Topsoil	0.2m	Loose mid greyish brown silty sand
1201	Subsoil	Layer	Subsoil	0.38m	Loose mid greyish brown silty sand
1202	Natural	Layer	Natural		Loose mid brownish grey silty sand

Trench 13

Length: 37m Width: 1.5m Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1300	Topsoil	Layer	Topsoil	0.22m	Loose mid greyish brown silty sand
1301	Subsoil	Layer	Subsoil	0.26m	Loose mid reddish brown silty sand
1302	Natural	Layer	Natural		Loose mid greyish brown silty sand

Trench 14

Length: 30m Width: 2m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1400	Topsoil	Layer	Topsoil	0.3m	Loose mid brownish red silty sand
1401	Subsoil	Layer	Subsoil	0.34m	Loose mid reddish brown silty sand
1402	Natural	Layer	Natural		Loose mid greyish brown silty sand

Trench 15

Length: 30m

Width: 1.5m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1500	Topsoil	Layer	Topsoil	0.19m	Loose mid reddish brown silty sand
1501	Subsoil	Layer	Subsoil	0.35m	Loose mid reddish brown silty sand
1502	Natural	Layer	Natural		Loose mid greyish brown silty sand

Trench 16

Length: 30m

Width: 2m

Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1600	Topsoil	Layer	Topsoil	0.24m	Loose dark brownish grey silty sand
1601	Subsoil	Layer	Subsoil	0.38m	Loose mid reddish brown silty sand
1602	Natural	Layer	Natural		Loose mid greyish brown with bands of yellow white silty sand

Trench 17

Length: 26m

Width: 1.8m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1700	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
1701	Subsoil	Layer	Subsoil	0.4m	Mod compact mid orangey brown clayey sand
1702	Natural	Layer	Natural		Mod compact mid brownish red clayey sand with bands of yellowish red clay

Trench 18

Length: 22m Width: 1.8m Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1800	Topsoil	Layer	Topsoil	0.44m	Friable mid greyish brown sandy silt
1801	Subsoil	Layer	Subsoil	0.33m	Mod compact mid orangey brown Sandy clay
1802	Natural	Layer	Natural		Compact mid orangey red clayey sand

Trench 19

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
1900	Topsoil	Layer	Topsoil	0.32m	Friable Dark brown Sandy silt
1901	Subsoil	Layer	Subsoil	0.3m	Moderately compact mid reddish brown sandy silt
1902	Natural	Layer	Natural		Compact light brownish red sandy clay

Trench 20

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2000	Topsoil	Layer	Topsoil	0.23m	Friable Dark brown Sand
2001	Subsoil	Layer	Subsoil	0.2m	Moderately compact mid reddish brown sandy silt
2002	Natural	Layer	Natural		Compact light reddish brown sandy clay

Trench 21

Length: 30m

Width: 1.8m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2100	Topsoil	Layer	Topsoil	0.32m	Friable dark brown sandy silt
2101	Subsoil	Layer	Subsoil	0.22m	Moderately compact mid reddish brown sandy silt
2102	Natural	Layer	Natural		Compact light reddish brown sandy clay

Trench 22

Length: 30m

Width: 1.8m

Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2200	Topsoil	Layer	Topsoil	0.24m	Friable dark brown sandy silt
2201	Subsoil	Layer	Subsoil	0.16m	Moderately compact mid reddish orange clayey sandy silt
2202	Natural	Layer	Natural		Compact light reddish brown sandy clay

Trench 23

Length: 30m

Width: 1.8m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2300	Topsoil	Layer	Topsoil	0.25m	Friable dark brown Sandy silt
2301	Subsoil	Layer	Subsoil	0.15m	Mod compact mid reddish brown silty clayey sand
2302	Natural	Layer	Natural		Compact light reddish brown sandy clay

Trench 24

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2400	Topsoil	Layer	Topsoil	0.28m	Friable dark brown sandy Topsoil silt
2401	Subsoil	Layer	Subsoil	0.33m	Moderately compact mid reddish brown sandy silt clay
2402	Natural	Layer	Natural		Compact light reddish brown sandy clay

Trench 25

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2500	Topsoil	Layer	Topsoil	0.33m	Friable dark brown sandy silt
2501	Subsoil	Layer	Subsoil	0.3m	Moderately compact mid reddish brown sandy silt clay
2502	Natural	Layer	Natural		Compact light reddish brown sandy clay

Trench 26

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2600	Topsoil	Layer	Topsoil	0.25m	Friable dark brown Sandy silt
2601	Subsoil	Layer	Subsoil	0.2m	Moderately compact mid reddish brown silty sand
2602	Natural	Layer	Natural		Moderately compact reddish brown sand matrix with pebbles

Trench 27

Length: 30m

Width: 1.8m

Orientation: SW-NE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2700	Topsoil	Layer	Topsoil	0.29m	Friable dark brown sandy silt
2701	Subsoil	Layer	Subsoil	0.32m	Moderately compact mid reddish brown sandy silty clay
2702	Natural	Layer	Natural		Compact light reddish brown sandy clay

Trench 28

Length: 30m

Width: 1.8m

Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2800	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
2801	Subsoil	Layer	Subsoil	0.32m	Mod compact mid pinkish red silty clay
2802	Natural	Layer	Natural		Compact mid pinkish red silty clay

Trench 29

Length: 30m

Width: 1.8m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
2900	Topsoil	Layer	Topsoil	0.34m	Friable mid greyish brown sandy silt
2901	Subsoil	Layer	Subsoil	0.31m	Mod compact mid pinkish red silty clay
2902	Natural	Layer	Natural		Mod compact mid pinkish red clayey sand

Trench 30

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3000	Topsoil	Layer	Topsoil	0.33m	Friable mid greyish brown sandy silt
3001	Subsoil	Layer	Subsoil	0.28m	Mod compact mid brownish red sandy clay
3002	Natural	Layer	Natural		Mod compact light greyish red clayey sand

Trench 31

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3100	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
3101	Subsoil	Layer	Subsoil	0.31m	Mod compact mid brownish red sandy clay
3102	Natural	Layer	Natural		

Trench 32

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3200	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
3201	Subsoil	Layer	Subsoil	0.28m	Mod compact mid brownish red clayey sand
3202	Natural	Layer	Natural		Mod compact mixed orange and grey sand

Trench 33

Length: 30m Width: 1.8m Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3300	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
3301	Subsoil	Layer	Subsoil	0.26m	Friable mid brownish red silty sand
3302	Natural	Layer	Natural		Loose mid brownish orange sand

Trench 34

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3400	Topsoil	Layer	Topsoil	0.34m	Friable mid greyish brown Sandy silt
3401	Subsoil	Layer	Subsoil	0.26m	Friable mid orangey brown silty sand
3402	Natural	Layer	Natural		Loose mid orangey brown sand

Trench 35

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3500	Topsoil	Layer	Topsoil	0.35m	Friable mid greyish brown sandy silt
3501	Subsoil	Layer	Subsoil	0.2m	Friable mid orangey brown silty sand
3502	Natural	Layer	Natural		Loose mid orangey grey sand and gravel with patches of sand

Trench 36

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3600	Topsoil	Layer	Topsoil	0.28m	Friable mid greyish brown sandy silt
3601	Subsoil	Layer	Subsoil	0.12m	Mod compact mid pinkish red silty clay
3602	Natural	Layer	Natural		Compact mid pinkish red sandy clay with clayey sand patches

Trench 37

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3700	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
3701	Subsoil	Layer	Subsoil	0.25m	Mod compact mid brownish orange sandy clay
3702	Natural	Layer	Natural		Mod compact mid pinkish red sandy clay

Trench 38

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3800	Topsoil	Layer	Topsoil	0.34m	Friable mid greyish brown sandy silt
3801	Subsoil	Layer	Subsoil	0.16m	Mod compact mid orangey brown sandy clay
3802	Natural	Layer	Natural		Compact mid pinkish red sandy clay

Trench 39

Length: 30m Width: 1.8m Orientation: NE-SW

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
3900	Topsoil	Layer	Topsoil	0.42m	Friable mid greyish brown sandy silt
3901	Subsoil	Layer	Subsoil	0.26m	Mod compact mid orangey brown clayey silt
3902	Natural	Layer	Natural		Compact mid brownish red silty clay with clayey sand patches

Trench 40

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4000	Topsoil	Layer	Topsoil	0.28m	Friable mid greyish brown sandy silt
4001	Subsoil	Layer	Subsoil	0.36m	Friable mid orangey brown clayey silt
4002	Natural	Layer	Natural		Mod compact mid brownish orange clayey sand

Trench 41

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4100	Topsoil	Layer	Topsoil	0.28m	Friable mid greyish brown sandy silt
4101	Subsoil	Layer	Subsoil		
4102	Natural	Layer	Natural		
4103	Ditch	Cut	Cut of ditch	0.25m	
4104	Ditch	Fill	Fill of ditch	0.25m	Friable dark grey silty sand

Trench 42

Length: 30m

Width: 1.8m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4200	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
4201	Subsoil	Layer	Subsoil	0.35m	Mod compact mid brownish orange sandy silt
4202	Natural	Layer	Natural		Mod compact mid greyish red clayey sand

Trench 43

Length: 30m

Width: 1.8m

Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4300	Topsoil	Layer	Topsoil	0.37m	Friable mid greyish brown sandy silt
4301	Subsoil	Layer	Subsoil	0.28m	Mod compact mid orangey grey clayey sand
4302	Natural	Layer	Natural		Mod compact mid greyish red clayey sand

Trench 44

Length: 30m

Width: 1.8m

Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4400	Topsoil	Layer	Topsoil	0.36m	Friable mid greyish brown sandy silt
4401	Subsoil	Layer	Subsoil	0.28m	Mod compact mid orangey brown clayey silt
4402	Natural	Layer	Natural		Compact mixed greenish grey and reddish brown clayey sand

Trench 45

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4500	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
4501	Subsoil	Layer	Subsoil	0.25m	Mod compact mid orangey brown clayey silt
4502	Natural	Layer	Natural		Compact mid brownish red sandy clay

Trench 46

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4600	Topsoil	Layer	Topsoil	0.36m	Friable mid greyish brown sandy silt
4601	Subsoil	Layer	Subsoil	0.3m	Friable mid orangey grey silty sand
4602	Natural	Layer	Natural		Soft and loose mid greyish orange with patches of greyish white sand

Trench 47

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4700	Topsoil	Layer	Topsoil	0.35m	Friable mid greyish brown sandy silt
4701	Subsoil	Layer	Subsoil	0.26m	Mod compact mid orangey grey clayey sand
4702	Natural	Layer	Natural		Mod compact mid reddish grey frequent gravels

Trench 48

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4800	Topsoil	Layer	Topsoil	0.25m	Friable mid greyish brown sandy silt
4801	Subsoil	Layer	Subsoil	0.3m	Mod compact mid brownish orange clayey sand
4802	Natural	Layer	Natural		Compact mid brownish red sandy clay with patches of sand and gravel

Trench 49

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
4900	Topsoil	Layer	Topsoil	0.3m	Soft and moderately cohesive mid brown sandy loam
4901	Subsoil	Layer	Subsoil	0.2m	Soft and moderately cohesive mid yellowish brown silty sand
4902	Natural	Layer	Natural		Firm and cohesive pinkish red sandy clay

Trench 50

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
5000	Topsoil	Layer	Topsoil	0.3m	Friable mid greyish brown sandy silt
5001	Subsoil	Layer	Subsoil	0.3m	Mod compact mid reddish brown clayey sand
5002	Natural	Layer	Natural		Compact mid brownish red sandy clay

Trench 51

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
5100	Topsoil	Layer	Topsoil	0.3m	Friable mid brown sandy loam
5101	Subsoil	Layer	Subsoil	0.3m	Soft and moderately cohesive yellowish brown silty sand and gravel
5102	Natural	Layer	Natural		Firm and cohesive pinkish red sandy clay

Trench 52

Length: 30m Width: 1.8m Orientation: N-S

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
5200	Topsoil	Layer	Topsoil	0.3m	Soft mid brown sandy loam
5201	Subsoil	Layer	Subsoil	0.3m	Soft yellowish brown sand and gravel
5202	Natural	Layer	Natural		Firm light pinkish red silty clay

Trench 53

Length: 30m Width: 1.8m Orientation: E-W

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
5300	Topsoil	Layer	Topsoil	0.2m	Mid brown sandy loam soft and moderately cohesive
5301	Subsoil	Layer	Subsoil	0.15m	Mid yellowish brown silty sand and gravel small to medium sub rounded stones
5302	Natural	Layer	Natural		Firm and cohesive mid pinkish red sandy clay

Trench 54

Length: 30m

Width: 1.8m

Orientation: NW-SE

Context summary:

Context	Feature type	Context type	Interpretation	Height/ depth	Deposit description
5400	Topsoil	Layer	Topsoil	0.25m	Soft but moderately cohesive mid brown sandy loam
5401	Subsoil	Layer	Subsoil	0.4m	Soft but moderately cohesive mid orangey brown clayey sand
5402	Natural	Layer	Natural		Firm and cohesive dark pinkish purple sandy clay

Appendix 2: Summary of project archive

TYPE	DETAILS*
Artefacts and Environmental	Ceramics, Glass
Paper	Correspondence, Diary (Field progress form), Drawing, Photograph, Plan, Report, Section, Survey
Digital	Database, GIS, Geophysics, Images raster/digital photography, Survey, Text, ARK

*OASIS terminology