

Archaeological evaluation at Brockhill East (Phase 3) Redditch

Worcestershire Archaeology
for RPS Consulting

May 2021



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BROCKHILL EAST (PHASE 3) REDDITCH WORCESTERSHIRE

Archaeological evaluation report



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SITE INFORMATION

Site name: Brockhill East (Phase 3)
Local planning authority: Redditch Borough Council
Planning reference: 19/00976/HYB and 19/00977/HYB
Central NGR: SP 0315 6904
Commissioning client: RPS Consulting
WA project number: P5890
WA report number: 2903
HER reference: WSM 73781
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Archaeological evaluation at Brockhill East (Phase 3), Redditch, Worcestershire

By Hazel Whitefoot and Tim Cornah

Illustrations by Tim Cornah

Summary

An archaeological evaluation was undertaken at Brockhill East (Phase 3), Redditch, Worcestershire (NGR SP 03156 69045). It was commissioned by RPS Consulting on behalf of Persimmon Homes, in advance of proposed mixed-use development. A planning application has been submitted and draft conditions for approval required a programme of archaeological works to be undertaken.

The site is located between Weights Lane and Brockhill Lane on the northern side of Redditch and currently comprises a series of pasture and arable fields covering an area of approximately 55ha.

In excavations ahead of Phase 1 of the Brockhill development a Middle or Late Iron Age enclosure was identified during a trial trench evaluation and subsequent excavated to the south-west of the site.

Evaluation of Phase 2 to the south east of the revealed a single pit containing 23 sherds of Late Bronze Age pottery, possibly representing a single vessel.

Within the Phase 3 area there are records of a Second World War former Royal Observer Corps monitoring post and the possible site of a former anti-aircraft gun emplacement.

Eighty-four trenches were excavated on an approximate grid array laid out across five areas of the proposed development site. The trenches also targeted geophysical anomalies identified in a prior survey as having a possible archaeological origin.

Despite the potential for related activity, few archaeological features were recorded within the trenches. The buried remains of truncated ridge and furrow were recorded on the eastern and southern sides of the site as well as evidence for quarrying, modern drainage ditches and a feature related to Second World War activity.

It is likely that much of the site remained within Feckenham Forest into the post-medieval period, an interpretation supported by the distinct lack of artefactual material. It is notable that there was no evidence for the prominent slope within the site being used for defensive purposes apart from during the Second World War.

Report

1 Introduction

1.1 Background to the project

An archaeological evaluation was undertaken by Worcestershire Archaeology (WA) in February 2021 at Brockhill East (Phase 3), Redditch, Worcestershire (NGR SP 03156 69045). This comprised the excavation of 84 evaluation trenches across five areas of the proposed development site. The project was commissioned by RPS Consulting on behalf of Persimmon Homes, in advance of proposed mixed-use development. A planning application was submitted to Redditch Borough Council and draft conditions to be applied to approval were issued which included a programme of archaeological works (references 19/00976/HYB and 19/00977/HYB)

Previous archaeological investigation to the south of this site revealed a middle-late Iron Age enclosure which contained a very rare Iron Age cremation within the fill of the enclosure ditch and sherds of Bronze Age pottery had been recovered from pits located c. 50m from the south-east boundary of the site (Pegasus Group 2019). The archaeological advisor to the local planning authority therefore considered that the proposed development had the potential to impact upon possible/specific heritage assets.

A Written Scheme of Investigation (WSI) was prepared by Worcestershire Archaeology and approved by Emily Hathaway, archaeological advisor to Redditch Borough Council. Although the WSI described the excavation of 120 trenches, in the event, one field was unavailable for evaluation, Area 5 on Figure 2, three could not be excavated due to the steepness of the slope and four lay within a wet area, numbers trenches 87 to 90 on Figure 2. The total number of excavated trenches was reduced to 84 trenches.

The evaluation conforms to the industry guidelines and standards set out by the Chartered Institute for Archaeologists in *Standard and guidance: for archaeological field evaluation* (CIfA 2014) and the *Standards and guidelines for archaeological projects in Worcestershire* (WCC 2010).

1.2 Site location, topography and geology

The site is located between Weights Lane and Brockhill Lane on the northern side of Redditch and currently comprises a series of pasture and arable fields covering an area of approximately 55ha.

It is situated on the south-east facing slope of a hill, at approximately 154m AOD dropping down to around 107m AOD and is bounded on the eastern side by a railway line, to the south by the Red Ditch brook, to the west by a residential development and to the north by Weights Lane.

The underlying geology comprises mudstone and siltstone of the Mercia Mudstone group (BGS 2017) overlain by superficial deposits of seasonally waterlogged reddish fine loamy over clayey soils, fine loamy and clayey soils known as Salop soils (Ragg et al 1984).

2 Archaeological and historical background

2.1 Introduction

An archaeological desk-based assessment (DBA) of the site was undertaken by Pegasus Group on behalf of Persimmon Homes. The following section is partially derived from this study.

Evaluation of Phase 2 to the south east of the site (WSM 67930) revealed a single pit containing 23 sherds of Late Bronze Age pottery, possibly representing a single vessel. Alongside these sherds were fire-cracked stone and charcoal fragments, suggesting the use of hot-stone technology. Organic material, probably cooked food, was also noted as residues on the sherds. Subsequent excavation of two areas around this activity (WSM69362) revealed a further large pit of Bronze Age date which was

partially filled with waste material derived from domestic activity. The second area contained evidence for medieval ridge and furrow and residual Roman pottery. Prior to the construction of Brockhill Phase 1 to the south of this Phase 3, an archaeological evaluation (WSM 45756) revealed the buried remains of a middle to late Iron Age enclosure (WSM46351) which was subsequently excavated (WSM46074). The enclosure was 59m long and was a maximum of 40m wide and covered an area of 0.18 hectares. The entrance was formed by two opposing butt end termini that were 6m apart. Only one very small internal feature, a pit, was identified.

The original 'V' shaped ditch circuit was between 1.4-3.6m wide and between 0.7-1.6m deep and appears to have been purposefully backfilled. A radiocarbon date on charred bone within the primary fill was dated to 181 Cal BC-18 Cal AD. A later smaller 'U' shaped recut measured between 1,-2.6m wide and between 0.4-1.1m deep. The recut contained up to four different fills, which were more humic and contained greater amounts of cultural material, including pottery, worked stone, charcoal and fired cracked stone. A very rare Iron Age cremation, the first to be found in Worcestershire, was found in the upper fill of the recut ditch. The cremation debris contained the partial remains of a sub-adult thought to be under 16 years old at the age of death. The human remains also appear to have been mixed with the cremated remains of a small mammal.

This enclosure was judged to be of regional significance and, as of 2011, was the first Iron Age enclosure of its type to be found in the district. There was no indication from the previous works to suggest that associated remains extend into the site.

There is no recorded Romano-British activity within the site, however Romano-British remains and artefacts have been found within the wider area. The Roman Saltway between Beoley and Droitwich ran south of site and is conjectured to lie 80m from the site at its nearest point.

Residual Roman pottery was excavated near Meadow Farm, approximately 550m east of site, and has been interpreted as evidence of minor Romano-British activity in the area. A Roman coin minted in Antioch between AD 276 and AD 282 was found somewhere within the wider area. No early medieval activity is recorded within the area.

Within the medieval period, evidence of farming, fishing and milling activities within the study area have been associated with the medieval Cistercian community at Bordesley. A series of man-made channels on the eastern side of the Bordesley stream, approximately 250m north of the site, have been interpreted as oysterbeds belonging to the abbey, although there is no documentary evidence to substantiate this. Lye Mill, located 800m north of the site, preserves remains of a medieval watermill, pond bays and fishponds, and has been identified as a possible grange belonging to the abbey. Land at Hewell, to the west of the site, also functioned as a grange of Bordesley Abbey in the medieval period. The site itself is known to have been with the eastern edge of the Feckenham Forest in the medieval era, though some ridge and furrow on its eastern side suggests agricultural use. A possible deserted medieval settlement lying to the immediate east of the site, beyond the railway line and northeast of the site, beyond Weights Lane.

Several historic farmsteads are recorded in the vicinity of the site, including Butler's Hill Farm, which has extant, 19th-century farm buildings and lies c.75m north of the site. The former site of a field barn is recorded in the north-east of the site but the building is no longer extant. Weights Farm, another 19th-century farm complex lies north of Weights Lane, c.30m north of the site and Lowan's Hill Farm, dating to the late 18th /early 19th century lies c.80m south of the site. The majority of the site remained part of the Hewell Estate until 1946; in this year, Lowan's Hill Farm and surrounding land, much of which lies within the present-day site, were sold at auction

Second World War activity within the site is represented by the remains of a former Royal Observer Corps monitoring post (WSM25035) and the possible site of a former anti-aircraft gun emplacement (WSM28723). The concrete remains of the former are still visible in the eastern part of the site, albeit in a poor state of preservation.

A number of post medieval sand and quarry pits are depicted within the site on the first edition Ordnance Survey map and are also apparent on the geophysical survey of the site.

A geophysical survey of the site was conducted in June 2019 by Magnitude Surveys, Bradford. Although a significant amount of the survey area (c. 30.5ha) had been covered in green waste (or similar debris) which hampered the identification of shallower features, the survey results did provide evidence of historic land use including ridge and furrow cultivation, relict field boundaries and infilled ponds and sand pits (Magnitude Surveys 2019).

3 Project aims

The aims of the archaeological evaluation, as outlined in the WSI, were to:

- determine the presence of absence of archaeological deposits beyond reasonable doubt;
- identify their location, nature, date and preservation;
- assess their significance;
- assess the likely impact of the proposed development.

4 Project methodology

Fieldwork was undertaken between 2nd and 23rd February 2021. Eighty-four trenches, amounting to 7560m² in area were excavated across Areas 1 – 4 (Trenches 1 – 71) and Area 6 (Trenches 72 – 86), representing a sample of 3%. Four trenches in the south-west end of Area 6 (Trenches 87-90) and the entirety of Area 5 were not excavated due to availability and site constraints but will be undertaken as part of future works. The location of the excavated trenches is indicated in Figure 2, as well as trenches 87 to 90.

The trenches were laid out in a general grid array across six main areas taking site constraints, including two high pressure gas pipelines, into account. The trenches were also placed to target geophysical anomalies with the potential to represent archaeological features. The evaluated area encompassed the greater proportion of eight separate fields

Deposits considered not to be significant were removed under constant archaeological supervision using a 360° tracked excavator archaeologically, 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 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 Worcestershire County Museum.

5 Archaeological results

5.1 Introduction

The trenches are illustrated in Figure 2 and Plates 1 - 6. The trench and context inventory are presented in Appendix 1. Two trenches (18 and 24) were not excavated due to the steep slope in those locations; one trench (23) was moved to the north-east from its planned location for a similar

reason. A previously mentioned four trenches in Area 6 and the entirety of Area 5 will be excavated at a later date in consultation with the archaeological advisor of Redditch Borough Council. .

5.2 Natural deposits across the site

The natural substrate was encountered in all of the trenches excavated and generally consisted of a compact reddish-brown clay with areas of yellowish-brown sandy clay, sand and gravels (Plates 1-3). These were consistent with the recorded geology of the area.

Colluvial layers were present in a number of trenches (deposits 3602, 4703, 5002, 5302, 6903, 8402, 8502). These consisted of brownish yellow sandy silts as well as more reddish-brown sandy silts. They varied in depth between 0.20m and 0.70m, the deepest being (8402 and 8502), which were towards the base of a slope.

5.3 Medieval to post-medieval deposits

In Trench 11 eight broadly equidistant furrows were present which were orientated north-west to south-east. These aligned closely with the extant ridge and furrow visible on the ground surface. Two further furrows were present in trenches 4 (Plate 4) and 12 and had broadly the same alignment.

In Trench 15 (Plate 5), three ditches, individually up to 1.80m wide, were present and were aligned north-east to south-west. These were grouped together within a natural depression in the landscape, that had been recut within an earthwork visible on the surface and truncated the ridge and furrow. These are interpreted as relatively recent drainage features and were not excavated after agreement with the archaeological advisor as they lay within a natural pooling point for the hillside run off.

5.4 Modern deposits

Large areas of modern truncation was present in trenches 22 (Plate 6) and 12. These are likely to derive from quarrying in this vicinity which is illustrated on the Ordnance Survey mapping of 1884 to 1938

Further large areas of truncation were present in trenches 51 and 52, as well as heavy wheel ruts in trenches 48 and 49. It is likely that these related to significant earth moving on the hill top at the point when the area around the observer corps station was lowered after the Second World War.

A small east west aligned possible cut feature (4103) was present in Trench 41. This was 1.1m in width with extremely indistinct edges and filled by a firm yellowish grey clay (4104) that was typical of siltation rather than having been backfilled. A shotgun cartridge was found at the top of the fill and it is therefore considered to be modern in date.

Subsoil deposits were present in the majority of the trenches, though occasionally ploughed out. These typically consisted of moderately compact mid reddish or grey brown silty clays and were between 0.12m and 0.68m in depth. Topsoil deposits across the site consisted of friable greyish brown silty clays of between 0.15m and 0.38m in depth.

6 Artefactual evidence

Recovery of artefacts was undertaken according to standard Worcestershire Archaeology practice (WA 2012). In the event, no artefacts were identified which were considered to be suitable for analysis.

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 Conclusions

Despite the proximity of prehistoric activity recorded in earlier phases of the Brockhill development in the form of Bronze Age activity in Phase 2 and an Iron Age enclosure in Phase 1 no archaeological features were present within the trenches with the exception of furrowing of medieval or post medieval date, modern drainage ditches and a feature which may have related to Second World War activity. Within the Brockhill development as a whole, prehistoric activity appears to have been concentrated on the lower parts of the site close to water sources. Immediately above this, activity was precluded by the steep slope but there is also no evidence that this slope was used for defensive purposes, as might have been expected. Indeed the only defensive feature recorded within the three phases was the enclosure located on low lying ground adjacent to the Red Ditch.

Extant ridge and furrow earthworks were present on the eastern and southern sides of the site and are thought likely to be associated settlements on that side such as at Bordesley Abbey. It is likely that much of the site remained within an unsettled area of Feckenham Forest into the post-medieval period, an interpretation supported by the distinct lack of artefactual material.

The only clear features within the trenches were large scale 20th century truncations linked with quarrying and large-scale earthmoving. This appears to have been, in part, to exploit lenses of fine sand which was present in areas of the hilltop. Although these were widescale in places, there was no evidence that their excavation had truncated pre-existing features.

Other than a very indistinct linear cut and some wheel ruts, there was no evidence of Second World War activity which is likely to have been concentrated at specific locations.

The methods adopted allow a high degree of confidence that the aims of the project have been achieved. Conditions were suitable in all trenches to identify the presence or absence of archaeological features, with the exception of Trench 15. 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 Tim Cornah ACIfA, assisted by Elspeth Iliff PCIfA, Yago Terroba Souta PCIfA, Beth Williams, Hazel Whitefoot PCIfA, Roland Tillyer and Graham Arnold PCIfA.

The project was managed by Tom Rogers MCIfA. The report was produced and collated by H Whitefoot and Tim Cornah. Plant was supplied by A G Redman and Sons Limited.

10 Acknowledgements

Worcestershire Archaeology would like to thank the following for the successful conclusion of the project: Neil Wright of RPS Consulting for commissioning the project and the landowner for providing access during the fieldwork. The project was monitored by Emily Hathaway, Worcestershire archaeological advisor and Worcestershire Archaeology would also like to thank them for their advice.

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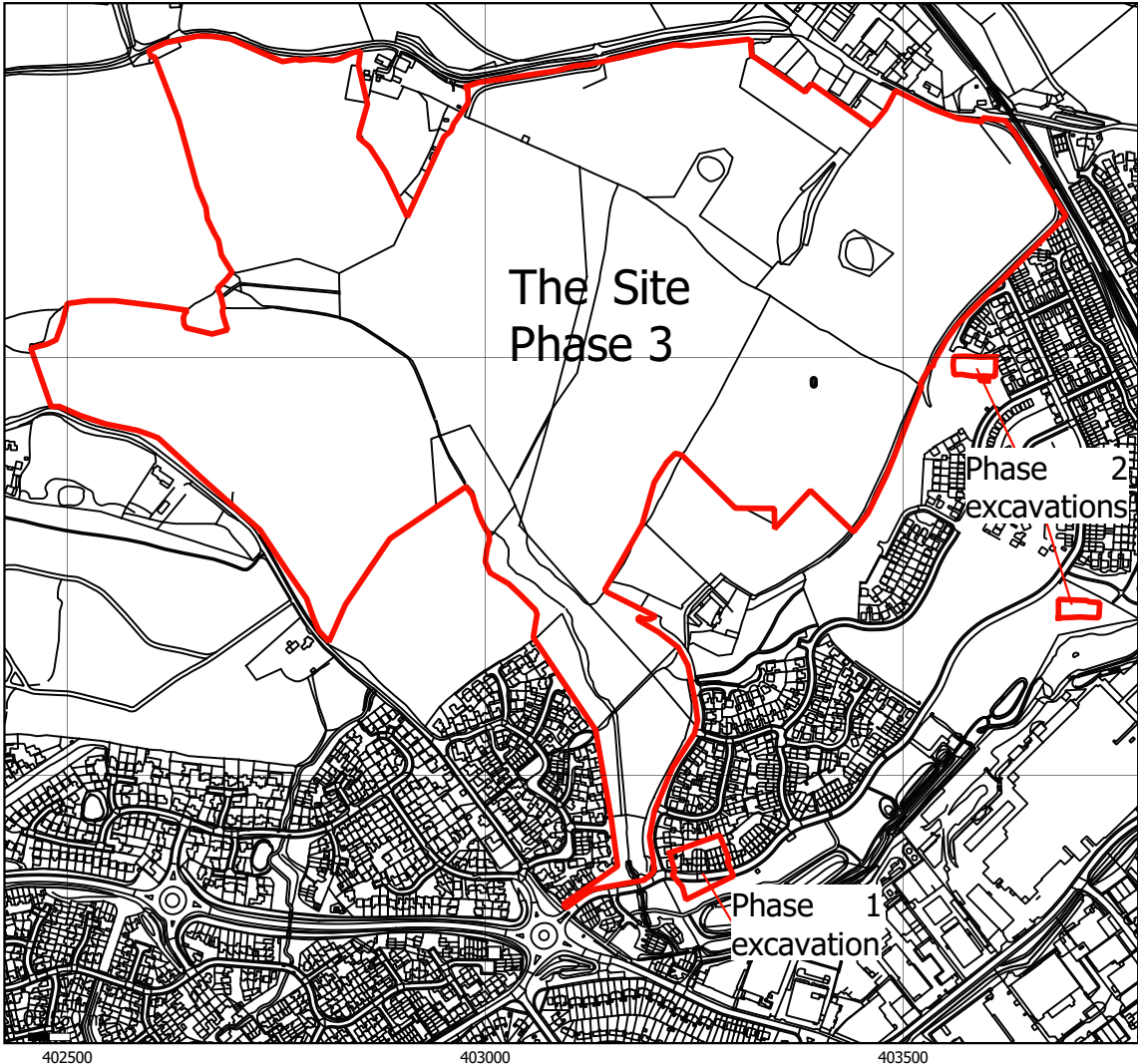
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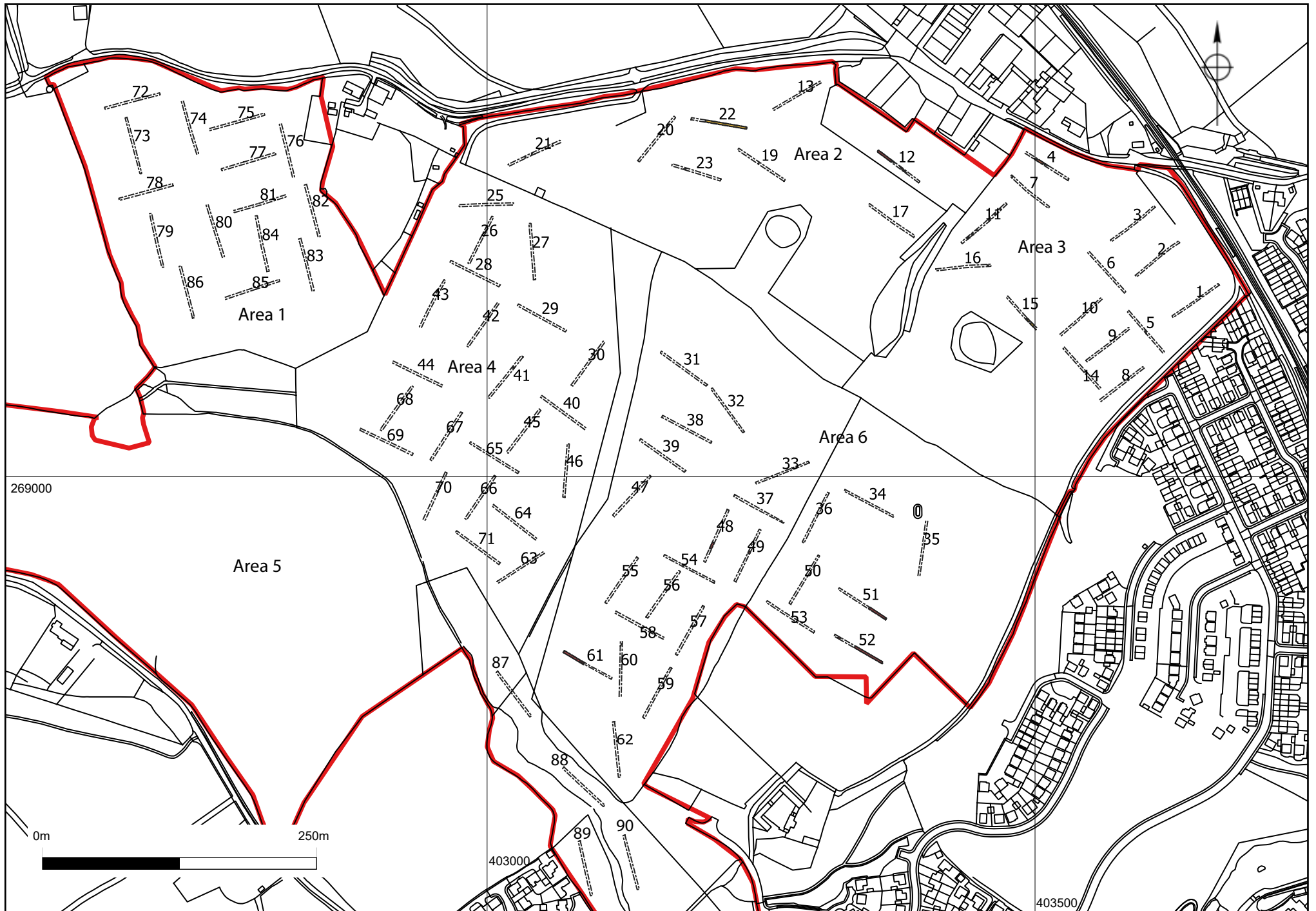
Figures



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Location of the site

Figure 1



Plates



Plate 1: Tr 75, looking north-west, scale 2x1m



Plate 2: Tr 2, looking north-east, scale 2x1m



Plate 3: Tr 48, looking north, scale 2x1m



Plate 4: Tr 4, Furrow 403, looking north-west, scale 2x1m



Plate 5: Tr 15, looking north-west



Plate 6: Tr 22, looking south-east, scale 2x1m

Appendix 1: Trench descriptions

Context summary:

Context	Feature	Context	Description	Height/ depth	Deposit description
100	Topsoil	Layer	Topsoil	0.25m	Friable greyish brown silty clay
101	Subsoil	Layer	Subsoil	0.12m	Friable pinky red silty clay
102	Natural	Layer	Natural	0.05m	Moderately Compact red sandy clay
200	Topsoil	Layer	Topsoil	0.20m	Friable greyish brown silty clay
201	Subsoil	Layer	Subsoil	0.15m	Friable pinky red silty clay
202	Natural	Layer	Natural	0.06	Moderately Compact red sand
300	Topsoil	Layer	Topsoil	0.20m	Friable greyish brown silty clay
301	Subsoil	Layer	Subsoil	0.05m	Friable pinky red silty clay
302	Natural	Layer	Natural	>0.05	Moderately Compact red sand
400	Topsoil	Layer	Topsoil	0.20m	Friable pinky brown sandy clay
401	Subsoil	Layer	Subsoil	0.30m	Firm pinky grey sandy clay
402	Natural	Layer	Natural	>0.10	Firm pinky grey sandy clay
403	Furrow	Cut	Cut of furrow	0.25m	
404	Furrow	Fill	Fill of furrow [404]	0.25m	Firm brownish grey silty clay
500	Topsoil	Layer	Topsoil	0.24m	Friable greyish brown silty clay
501	Subsoil	Layer	Subsoil	0.26m	Firm pinky red silty clay
502	Natural	Layer	Natural	>0.08	Moderately Compact red
600	Topsoil	Layer	Topsoil	0.20m	Friable greyish brown silty clay
601	Subsoil	Layer	Subsoil	0.08m	Friable pinky red silty clay
602	Natural	Layer	Natural	>0.02	Moderately Compact red sand
700	Topsoil	Layer	Topsoil	0.2m	Friable pinky brown sandy clay
701	Subsoil	Layer	Subsoil	0.25m	Firm pinky grey sandy clay
702	Natural	Layer	Natural		Firm pinky grey sandy clay
800	Topsoil	Layer	Topsoil	0.28m	Friable greyish brown silty clay
801	Subsoil	Layer	Subsoil	0.24m	Firm pinky red silty clay
802	Natural	Layer	Natural	>0.06	Moderately Compact red sand
900	Topsoil	Layer	Topsoil	0.25m	Friable greyish yellow silty clay

901	Subsoil	Layer	Subsoil	0.24m	Friable pinky red silty clay
902	Natural	Layer	Natural	>0.03	Moderately Compact red sand
1000	Topsoil	Layer	Topsoil	0.19m	Friable greyish brown silty clay
1001	Subsoil	Layer	Subsoil	0.18m	Friable pinky red silty clay
1002	Natural	Layer	Natural	>0.03	Moderately Compact red sand
1100	Topsoil	Layer	Topsoil	0.20m	Friable pinky brown sandy clay
1101	Subsoil	Layer	Subsoil	0.25m	Firm pinky grey sandy clay
1102	Natural	Layer	Natural		Firm pinky grey sandy clay
1200	Topsoil	Layer	Topsoil	0.25m	Friable greyish brown silty clay
1201	Subsoil	Layer	Subsoil	0.16m	Moderately Compact reddish brown silty clay
1202	Natural	Layer	Natural	>0.05	Compact reddish brown
1203	Modern Layer	Layer	Infill layer of modern truncation	>0.74	Moderately Compact reddish brown silty clay
1300	Topsoil	Layer	Topsoil	0.20m	Friable greyish brown clay silt
1301	Subsoil	Layer	Subsoil	0.30m	Friable brownish grey silty clay
1302	Natural	Layer	Natural		Firm pinky red clay
1400	Topsoil	Layer	Topsoil	0.20m	Friable greyish brown silty clay
1401	Subsoil	Layer	Subsoil	0.12m	Friable pinky red silty clay
1402	Natural	Layer	Natural	>0.08	Moderately Compact red sand
1500	Topsoil	Layer	Topsoil	0.20m	Friable greyish black silty clay
1501	Subsoil	Layer	Subsoil	0.19m	Friable pinky red silty clay
1502	Natural	Layer	Natural	>0.06	Moderately Compact red sand
1503	Linear	Cut	Cut of linear		
1504	Linear	Fill	Fill of linear [1503]		
1600	Topsoil	Layer	Topsoil	0.15m	Friable brownish grey silty clay
1601	Subsoil	Layer	Subsoil	0.2m	Friable reddish brown silty clay
1602	Natural	Layer	Natural		Firm pinky red clay
1700	Topsoil	Layer	Topsoil	0.23m	Friable brownish grey clay silt
1701	Subsoil	Layer	Subsoil	0.29m	Friable greyish pi silty clay
1702	Natural	Layer	Natural		Firm pinky red clay
1900	Topsoil	Layer	Topsoil	0.2m	Friable greyish brown clay

						silt
1901	Subsoil	Layer	Subsoil	0.18m		Friable brownish grey silty clay
1902	Natural	Layer	Natural			Firm pinky red clay
2000	Topsoil	Layer	Topsoil	0.26m		Friable greyish brown clay silt
2001	Subsoil	Layer	Subsoil	0.23m		Friable blueish grey silty clay
2002	Natural	Layer	Natural			Firm pinky red clay
2100	Topsoil	Layer	Topsoil	0.3m		Moderately Compact greyish brown sandy silt
2101	Subsoil	Layer	Subsoil	0.4m		Moderately Compact yellowish grey silty sand
2102	Natural	Layer	Natural			Compact pinky red silty sand
2200	Topsoil	Layer	Topsoil	0.3m		Friable brownish grey clay silt
2201	Subsoil	Layer	Subsoil	0.36m		Friable pinky grey silty clay
2202	Natural	Layer	Natural			Firm pinky red clay
2300	Topsoil	Layer	Topsoil	0.1m		Friable greyish brown sandy silt
2301	Subsoil	Layer	Subsoil	0.2m		Firm pinky red sandy clay
2302	Natural	Layer	Natural			Firm pinky red clay
2303	Subsoil	Layer	Subsoil	0.2m		Firm brownish grey sandy silt
2500	Topsoil	Layer	Topsoil	0.27m		Moderately Compact greyish brown sandy silt
2501	Natural	Layer	Natural			Compact reddish brown
2600	Topsoil	Layer	Topsoil	0.3m		Moderately Compact greyish brown sandy silt
2601	Natural	Layer	Natural			Compact reddish brown
2700	Topsoil	Layer	Topsoil	0.38m		Friable greyish brown sandy silt
2701	Subsoil	Layer	Subsoil	0.26m		Moderately Compact reddish brown silty sand
2702	Natural	Layer	Natural	0.64m		Compact reddish brown
2800	Topsoil	Layer	Topsoil	0.3m		Friable yellowish brown sandy silt
2801	Subsoil	Layer	Subsoil	0.18m		Moderately Compact reddish brown silty sand
2802	Natural	Layer	Natural			Loose yellowish brown
2900	Topsoil	Layer	Topsoil	0.28m		Friable greyish brown sandy silt
2901	Subsoil	Layer	Subsoil	0.23m		Moderately Compact reddish brown silty sand
2902	Natural	Layer	Natural			Moderately Compact

						reddish brown sandy clay
3000	Topsoil	Layer	Topsoil	0.33m		Friable greyish brown sandy silt
3001	Subsoil	Layer	Subsoil	0.31m		Moderately Compact reddish brown silty sand
3002	Natural	Layer	Natural			Moderately Compact yellowish brown sandy clay
3100	Topsoil	Layer	Topsoil	0.34m		Moderately Compact greyish brown sandy silt
3101	Subsoil	Layer	Subsoil	0.3m		Moderately Compact reddish brown silty sand
3102	Natural	Layer	Natural			Moderately Compact yellowish brown silty sand
3200	Topsoil	Layer	Topsoil	0.34m		Moderately Compact greyish brown sandy silt
3201	Subsoil	Layer	Subsoil	0.36m		Moderately Compact reddish brown silty sand
3202	Natural	Layer	Natural			Moderately Compact reddish brown silty sand
3300	Topsoil	Layer	Topsoil	0.42		Friable brown sandy silt
3301	Subsoil	Layer	Subsoil	0.36		Moderately Compact reddish brown silty sand
3302	Natural	Layer	Natural	0.18		Soft reddish brown
3400	Topsoil	Layer	Topsoil	0.22		Friable brownish red silty clay
3401	Subsoil	Layer	Subsoil	0.62		Friable brownish red
3402	Natural	Layer	Natural	>0.02		Compact red clay
3500	Topsoil	Layer	Topsoil	0.32		
3501	Subsoil	Layer	Subsoil	0.68		
3502	Natural	Layer	Natural	>0.07		
3600	Topsoil	Layer	Topsoil	0.28		
3601	Subsoil	Layer	Subsoil	0.36		
3602		Layer	Colluvium	0.2		
3603	Natural	Layer	Natural	>0.01		
3700	Topsoil	Layer	Topsoil	0.31		Friable greyish brown clay silt
3701	Subsoil	Layer	Subsoil	0.29		Friable reddish brown silty sand
3702	Natural	Layer	Natural	>0.22		Compact reddish brown
3800	Topsoil	Layer	Topsoil	0.35m		Moderately Compact greyish brown silty sand
3801	Subsoil	Layer	Subsoil	0.30m		Moderately Compact reddish brown silty sand
3802	Natural	Layer	Natural	>0.12		Moderately Compact reddish brown sand
3900	Topsoil	Layer	Topsoil	0.25m		Moderately Compact

						greyish brown sandy silt
3901	Subsoil	Layer	Subsoil	0.15m	Moderately Compact	reddish brown silt
3902	Natural	Layer	Natural	>0.02	Compact pinky red	sandy clay
4000	Topsoil	Layer	Topsoil	0.29m	Friable greyish brown	sandy silt
4001	Subsoil	Layer	Subsoil	0.09m	Moderately Compact	reddish brown silty clay
4002	Natural	Layer	Natural	>0.02	Compact reddish brown	
4100	Topsoil	Layer	Topsoil	0.40m	Moderately Compact grey	sandy silt
4101	Subsoil	Layer	Subsoil	0.30m	Compact yellowish brown	sandy clay
4102	Natural	Layer	Natural	>0.01	Compact reddish brown	
4103	Linear	Cut	Cut of linear			
4104	Linear	Fill	Fill of linear [4103]			Firm yellowish grey clay
4200	Topsoil	Layer	Topsoil	0.30m	Friable greyish brown silty	clay
4201	Subsoil	Layer	Subsoil	0.15m	Moderately Compact	reddish brown silty clay
4202	Natural	Layer	Natural		Moderately Compact	reddish orange silty clay
4300	Topsoil	Layer	Topsoil	0.30m	Friable greyish brown silty	clay
4301	Subsoil	Layer	Subsoil	0.20m	Moderately Compact	orangey brown silty clay
4302	Natural	Layer	Natural		Compact reddish orange	silty clay
4400	Topsoil	Layer	Topsoil	0.28m	Firm greyish brown silty	clay
4401	Subsoil	Layer	Subsoil	0.26m	Moderately Compact	orangey brown silty clay
4402	Natural	Layer	Natural			brownish red sandy clay
4500	Topsoil	Layer	Topsoil	0.28m	Friable greyish brown	sandy silt
4501	Subsoil	Layer	Subsoil	0.21m	Moderately Compact	reddish brown sandy clay
4502	Natural	Layer	Natural	>0.05	Compact reddish brown	
4600	Natural	Layer	Topsoil	0.28m	Firm brown sandy	silt
4601	Subsoil	Layer	Subsoil	0.20m	Moderately Compact	reddish brown clayey sand
4602	Natural	Layer	Natural	>0.10	Moderately Compact	reddish brown clayey sand
4700	Topsoil	Layer	Topsoil	0.26m	Moderately Compact	greyish brown silty sand
4701	Subsoil	Layer	Subsoil			yellowish brown silty sand

4702	Natural	Layer	Natural		Moderately Compact yellowish brown sand
4703	colluveum	Layer	Colluvium		Moderately Compact reddish brown sand
4800	Topsoil	Layer	Topsoil	0.44	Friable brown sandy silt
4801	Natural	Layer	Natural	>0.02	Soft reddish brown sand
4900	Topsoil	Layer	Topsoil	0.30m	Friable brown sandy silt
4901	Subsoil	Layer	Subsoil	0.25m	Friable yellowish brown silty sand
4902	Natural	Layer	Natural	>0.04	Moderately Compact yellowish brown clayey sand
5000	Topsoil	Layer	Topsoil	0.24	
5001	Subsoil	Layer	Subsoil	0.48	
5002		Layer	Colluvium	0.66	
5003	Natural	Layer	Natural	>0.1	
5100	Topsoil	Layer	Topsoil	0.25	
5101	Subsoil	Layer	Subsoil	0.86	
5102	Natural	Layer	Natural	>0.01	
5200	Topsoil	Layer	Topsoil	0.22	
5201	Subsoil	Layer	Subsoil	0.48	
5202	Natural	Layer	Natural	>0.1	
5203	Pit	Fill	Fill of sandpitting		
5300	Topsoil	Layer	Topsoil	0.24	Friable greyish brown loamy clay
5301	Subsoil	Layer	Subsoil	0.32	Friable yellowish brown sandy silty clay
5302		Layer	Colluvium	>0.58	Soft greyish red
5303	Natural	Layer	Natural	>0.06	
5400	Topsoil	Layer	Topsoil	0.29m	Moderately Compact brown clay silt
5401	Subsoil	Layer	Subsoil	0.26m	Friable reddish brown sandy silt
5402	Natural	Layer	Natural		Soft reddish brown sand
5500	Topsoil	Layer	Topsoil	0.32m	Friable greyish brown clay silt
5501	Subsoil	Layer	Subsoil	0.26m	Moderately Compact yellowish grey clayey sand
5502	Natural	Layer	Natural		Moderately Compact reddish orange clayey sand
5600	Topsoil	Layer	Topsoil	0.3m	Friable greyish brown clay silt
5601	Subsoil	Layer	Subsoil	0.18m	Moderately Compact brownish red sandy clay
5602	Natural	Layer	Natural		Compact brownish red sandy clay

5700	Topsoil	Layer	Topsoil	0.34m	Friable greyish brown clay silt
5701	Subsoil	Layer	Subsoil	0.27m	Moderately Compact reddish brown sandy clay
5702	Natural	Layer	Natural		Compact brownish red silty sand
5800	Topsoil	Layer	Topsoil	0.28m	Moderately Compact brown silty clay
5801	Subsoil	Layer	Subsoil	0.41m	Moderately Compact reddish brown silty sand
5802	Natural	Layer	Natural		Compact red clay
5900	Topsoil	Layer	Topsoil	0.22m	Moderately Compact brown silty clay
5901	Subsoil	Layer	Subsoil	0.16m	Moderately Compact reddish brown silty clay
5902	Natural	Layer	Natural		Compact red clay
6000	Topsoil	Layer	Topsoil	0.22m	Moderately Compact brown silty clay
6001	Subsoil	Layer	Subsoil	0.44m	Moderately Compact reddish brown silty clay
6002	Natural	Layer	Natural		Compact red clay
6100	Topsoil	Layer	Topsoil	0.31m	Moderately Compact brown silty clay
6101	Subsoil	Layer	Subsoil	0.3m	Moderately Compact reddish brown silty clay
6102	Natural	Layer	Natural		Compact red clay
6103	Modern Layer	Layer	Modern layer	>0.49	
6200	Topsoil	Layer	Topsoil	0.26m	Moderately Compact brown silty clay
6201	Subsoil	Layer	Subsoil	0.19m	Moderately Compact reddish brown silty clay
6202	Natural	Layer	Natural		Compact red clay
6300	Topsoil	Layer	Topsoil	0.2m	Friable greenish grey sandy silt
6301	Subsoil	Layer	Subsoil	0.15m	Friable yellow sandy silt
6302	Natural	Layer	Natural		Firm yellowish pink sandy silt
6400	Topsoil	Layer	Topsoil	0.3m	Friable greenish grey sandy silt
6401	Subsoil	Layer	Subsoil	0.3m	Friable pinky brown sandy silt
6402	Natural	Layer	Natural		Loose brownish pink silty sand
6500	Topsoil	Layer	Topsoil	0.2m	Moderately Compact brownish grey silty sand
6501	Subsoil	Layer	Subsoil	0.3m	Moderately Compact reddish brown silty sand

6502	Natural	Layer	Natural		Moderately Compact reddish brown sand
6600	Topsoil	Layer	Topsoil	0.2m	Friable brownish grey sandy silt
6601	Subsoil	Layer	Subsoil	0.4m	Friable greenish grey sandy silt
6602	Natural	Layer	Natural		Loose brownish red sand
6700	Topsoil	Layer	Topsoil	0.28m	Friable brownish grey sandy clay
6701	Subsoil	Layer	Subsoil	0.32m	Firm pinky brown sandy clay
6702	Natural	Layer		>0.14	pinky yellow sandy clay
6800	Topsoil	Layer	Topsoil	0.20m	Friable greyish brown sandy clay
6801	Subsoil	Layer	Subsoil	0.25m	Friable greenish grey sandy clay
6802	Natural	Layer	Natural	>0.15	Firm pinky yellow sandy clay
6900	Topsoil	Layer	Topsoil	0.25m	Friable brownish grey sandy clay
6901	Subsoil	Layer	Subsoil	0.25m	Friable greenish grey sandy clay
6902	Natural	Layer	Natural		greenish grey sandy clay
6903	colluvium	Layer	Colluvim	0.25m	Firm greenish grey sandy clay
7000	Topsoil	Layer	Topsoil	0.35m	Moderately Compact brownish grey silty sand
7001	Subsoil	Layer	Subsoil	0.40m	Moderately Compact brownish yellow silty sand
7002	Natural	Layer	Natural		Moderately Compact pinky brown sand
7100	Topsoil	Layer	Topsoil	0.26m	Friable brownish grey sandy silt
7101	Subsoil	Layer	Subsoil	0.10m	Friable greyish yellow sandy silt
7102	Natural	Layer	Natural		Moderately Compact greyish yellow silty sand
7200	Topsoil	Layer	Topsoil	0.30m	Friable greyish brown clay silt
7201	Subsoil	Layer	subsoil	0.14m	Soft yellowish brown silty clay
7202	Natural	Layer		>0.02	Moderately Compact yellowish brown sandy clay
7300	Topsoil	Layer	Topsoil	0.23m	Firm yellowish brown clay silt
7301	Subsoil	Layer	Subsoil	0.16m	
7302	Natural	Layer	Natural	>0.07	Moderately Compact yellowish brown sandy clay
7400	Topsoil	Layer	Topsoil	0.17m	Moderately Compact greyish brown clay silt

7401		Layer	Subsoil	0.20m	Friable brown silty clay
7402	Natural	Layer	Natural	>0.13	Moderately Compact reddish brown clay
7500	Topsoil	Layer	Topsoil	0.45m	grey sandy silty clay
7501	Colluvium	Layer	Subsoil	0.27m	yellowish brown silty sand
7502	Natural	Layer	Natural	0.20m	red silty clay
7600	Topsoil	Layer	Topsoil	0.42m	grey sandy silty clay
7601	Subsoil	Layer	Subsoil	0.17m	reddish brown sandy silty clay
7602	Natural	Layer	Natural	0.26m	yellowish grey sandy silty clay
7700	Topsoil	Layer	Topsoil	0.50m	grey sandy silty clay
7701	Subsoil	Layer	Subsoil	0.10m	reddish brown sandy silty clay
7702	Natural	Layer	Natural	0.18m	yellowish grey sandy silty clay
7800	Topsoil	Layer	Topsoil	0.18m	Friable grey sandy silty clay
7801	Subsoil	Layer	Subsoil	0.08m	reddish brown sandy silty clay
7802	Natural	Layer	Natural	>0.10	Compact reddish brown
7900	Topsoil	Layer	Topsoil	0.27m	Friable grey sandy silty clay
7901	Subsoil	Layer	Subsoil	0.08m	brown sandy silty clay
7902	Natural	Layer	Natural	0.07m	Compact brownish red clay
8000	Topsoil	Layer	Topsoil	0.31m	Friable greyish brown clay silt
8001	Natural	Layer	Natural	>0.22	Compact reddish brown
8100	Topsoil	Layer	Topsoil	0.30m	grey sandy silty clay
8101	Natural	Layer	Natural	>0.12	Compact red clay
8200	Topsoil	Layer	Topsoil	0.35m	grey sandy silty clay
8201	Subsoil	Layer	Subsoil	0.18m	reddish brown sandy silty clay
8202	Natural	Layer	Natural	>0.30	yellowish brown sandy silty clay
8300	Topsoil	Layer	Topsoil	0.33m	grey sandy silty clay
8301	Subsoil	Layer	Subsoil	0.16m	brown sandy silt
8302	Natural	Layer	Natural	>0.25	red clay
8400	Topsoil	Layer	Topsoil	0.37m	grey sandy silty clay
8401	Subsoil	Layer	Subsoil	0.15m	brown sandy silt
8402	Colluvium	Layer	Colluvium	0.60m	brownish yellow sandy silt
8403	Natural	Layer	Natural		red clay
8500	Topsoil	Layer	Topsoil	0.40m	grey sandy silty clay
8501	Subsoil	Layer	Subsoil	0.22m	brown sandy silt
8502	colluvium	Layer	Colluvium	0.70m	brownish yellow sandy silt
8503	Natural	Layer	Natural	>0.18	red clay

8600	Topsoil	Layer	Topsoil	0.30m	Friable grey sandy silty clay
8601	Subsoil	Layer	Subsoil	0.10m	reddish brown sandy silty clay
8602		Layer		0.55m	yellowish brown sandy silt
8603	Natural	Layer	Natural	>0.05	Compact brownish red clay

Appendix 2: Summary of project archive (WSM 73781)

TYPE	DETAILS*
Paper	Context sheet, Diary (Field progress form), Photograph, Plan, Report, Section, Survey
Digital	Database, GIS, Images raster/digital photography, Spreadsheets, Survey, Text

**OASIS terminology*

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 Worcestershire County Museum.