

**Wykham Park Farm
Banbury
Oxfordshire**

Archaeological Evaluation

for

Gallagher Estates Ltd

CA Project: 660152

CA Report: 13581

Accession no: OXCMS: 2013.115

October 2013

Wykham Park Farm Banbury Oxfordshire

Archaeological Evaluation

CA Project: 660152

CA Report: 13581

Accession no: OXCMS: 2013.115

prepared by	Dan Stone, Project Supervisor
date	25 September 2013
checked by	Derek Evans, Senior Project Officer
date	26 September 2013
approved by	Simon Carlyle, Principal Fieldwork Manager
signed	
date	21 October
issue	02

This report is confidential to the client. Cotswold Archaeology accepts no responsibility or liability to any third party to whom this report, or any part of it, is made known. Any such party relies upon this report entirely at their own risk. No part of this report may be reproduced by any means without permission.

© Cotswold Archaeology

Cirencester

Building 11
Kemble Enterprise Park
Kemble, Cirencester
Gloucestershire, GL7 6BQ
t. 01285 771022
f. 01285 771033

Milton Keynes

Unit 4
Cromwell Business Centre
Howard Way, Newport Pagnell
MK16 9QS
t. 01908 218320

Andover

Office 49
Basepoint Business Centre
Caxton Close, Andover
Hampshire, SP10 3FG
t. 01264 326549

e. enquiries@cotswoldarchaeology.co.uk

CONTENTS

SUMMARY	2
1. INTRODUCTION	3
2. RESULTS	6
3. DISCUSSION.....	14
4. CA PROJECT TEAM	15
5. REFERENCES	16
APPENDIX A: CONTEXT DESCRIPTIONS	17
APPENDIX B: THE FINDS	30
APPENDIX C: OASIS REPORT FORM.....	32

LIST OF ILLUSTRATIONS

- Fig. 1 Site location plan, 1:25,000
- Fig. 2 Trench location plan, showing archaeological features, geophysical survey results and cropmarks, 1:5000
- Fig. 3 Fields 1-3, showing archaeological features, geophysical survey results and cropmarks, 1:2000
- Fig. 4 Fields 4-5, showing archaeological features, geophysical survey results and cropmarks, 1:2000
- Fig. 5 Trenches 25 and 27: sections and photographs
- Fig. 6 Trenches 2 and 15: sections and photographs



SUMMARY

Project Name:	Wykham Park Farm
Location:	Banbury, Oxfordshire
NGR:	SP 4471 3869
Type:	Evaluation
Date:	August to September 2013
Planning Reference:	13/00321/OUT
Location of Archive:	Oxfordshire Museums Service.
Accession Number:	OXCMS: 2013.115
Site Code:	WPF 13

In August and September 2013, Cotswold Archaeology carried out an archaeological evaluation, comprising the excavation of one hundred and sixty one trenches, at Wykham Park Farm, Banbury, Oxfordshire. The evaluation, which was commissioned by Gallagher Estates Ltd, was carried out during the determination period of an outline planning application for the residential development of the land.

Three areas of archaeological interest were identified, although only one of these could be dated with any certainty due to the lack of artefactual dating evidence. This was part of an Iron Age settlement, including parts of an enclosure ditch, which had previously been investigated by Cotswold Archaeology in a field adjacent to the site. There was no artefactual dating material from the current site but a small assemblage of pottery had been recovered from the adjacent evaluation, which dated the settlement to the Late Iron Age, with some of the pottery dating to as late as the mid-1st century AD. The other two areas consisted of a small enclosure near the northern edge of the site and a concentration of features in the south-east corner, which included a possible third enclosure and part of a possible Neolithic causewayed enclosure. They are undated, but were seen to predate the furrows of a medieval open field system.

The remains of a medieval open field system, evident as largely ploughed out furrows, were recorded across the central and eastern part of the site. Other features included modern land drains and backfilled quarry pits. The evaluation demonstrated that many of the geophysical anomalies and cropmarks, including four possible ring ditches, were caused by changes in the composition of the geological substrate, which was highly variable across the site.

1. INTRODUCTION

- 1.1 In August and September 2013, Cotswold Archaeology (CA) carried out an archaeological evaluation on farmland at Wykham Park Farm, Banbury, Oxfordshire (site centred on NGR: SP 4471 3869; Fig. 1). The evaluation, which was commissioned by Gallagher Estates Ltd, was undertaken during the determination period of an outline planning application to Cherwell District Council (CDC) for the residential development of the site (planning ref: 13/00321/OUT). The development will comprise the construction of 1,000 homes, with associated access, services and landscaping.
- 1.2 The evaluation was requested by Richard Oram, Oxfordshire County Council's Planning Archaeologist (OCCPA), as cropmarks and geophysical survey (WA 2013) had indicated that the site may contain archaeological remains, those of possible prehistoric date being of particular interest. This potential was summarised in the *Environmental Statement* (ES) for the site, prepared by Wardell Armstrong (WA 2013).
- 1.3 Following consultation with OCCPA, a *Written Scheme of Investigation* (WSI) for the evaluation was prepared by CA (2013). The evaluation was carried out in accordance with the WSI (CA 2013), the Institute for Archaeologists' *Standard and Guidance for Archaeological Field Evaluation* (IfA 2008), and the English Heritage procedural documents *Management of Archaeological Projects 2* (EH 1991) and *Management of Research Projects in the Historic Environment (MoRPHE): Project Manager's Guide* (EH 2006). The fieldwork was monitored by Richard Oram, with site visits being made on the 3rd, 13th and 22nd of September 2013.

The site

- 1.4 The site, which covers an area of c. 47.7ha, comprises five arable fields on the outskirts of Easington, a suburb on the southern edge of Banbury, Oxfordshire (Fig. 1). It is bounded to the north by a track known as the 'Salt Way', to the west by Bloxham Road (A361) and to the south and east by open farmland. The site lies at approximately 130m above Ordnance Datum (aOD), on land that slopes gently to the south and east, towards the valley of Sor Brook.

- 1.5 The geology comprises Jurassic ferruginous limestone and ironstone of the Marlstone Rock Formation Limestone in the southern part of the site, succeeded by mudstones of the Whitby Mudstone Formation to the north (BGS 2013).

Archaeological background

- 1.6 A full account of the archaeological background to the site has been presented in the ES prepared by Wardell Armstrong (2013), on which the following summary is based, supplemented with information from the Oxfordshire Historic Environment Record (HER).
- 1.7 The remains of a possible Neolithic causewayed enclosure, identified from cropmarks beyond the site, are located in the south-east corner of the site, to the north of Wykham Farm (HER 16016) and two Neolithic pits have been found 180m to the south of the site (HER 16996). A Mesolithic or early Neolithic flint core was recovered from a field to the south of Wykham Lane (HER 4732), not far from an undated oval enclosure (HER 5779). Neolithic and Bronze Age artefacts have been recovered from the north-facing slope of Crouch Hill (HER 2812), c. 1km to the north-west of the site, and further to the west a Neolithic polished greenstone axe was found in the ploughsoil (HER 962).
- 1.8 A Late Iron Age enclosure and roundhouse were investigated in an adjacent field to the north of the site, the eastern side of the settlement extending into the current site (CA 2011a). A small quantity of pottery was recovered from the settlement, some of which may date to as late as the mid-1st century AD, and a piece of slag and hammerscale suggests that metalworking may have been carried out in the vicinity.
- 1.9 Approximately 800m to the south of the site, the remains of a Roman villa were investigated in the mid-19th century. Walls, tesserae, a stone-vaulted kiln or oven, skeletons and a well were recorded, and a range of finds were recovered, including coins, pottery and animal bone (HER 1713). In the 1960s, the remains of a Roman building were investigated to the south of Boughton Road, to the west of Crouch Hill Farm (HER 5378).
- 1.10 In 1215, a deer park was established on Crouch Hill by Hugh de Avalon (HER 4311), and a ditch running round the base of the hill may be the park pale. Medieval pottery has been recovered from the ploughsoil on the north side of the hill, although there is no known settlement in this area and the pottery may have been scattered

by manuring. Wykham Park, situated approximately 800m to the south of the site, has medieval origins, and in 1331 it was fortified by Sir Robert de Arden (HER 11119). In later periods the area was exploited for clay, probably for brick-making, and there are a number of post-medieval clay extraction pits in the area (HER 12572 and 85).

Archaeological objectives

- 1.11 The objectives of the evaluation, as set out in the WSI (CA 2013), were to provide information about the archaeological resource within the site, including its presence/absence, character, extent, date, integrity, state of preservation and quality. This information will enable OCCPA to identify and assess the particular significance of any heritage assets, consider the impact of the proposed development upon it and to avoid or minimise conflict between the heritage asset's conservation and any aspect of the development proposal, in line with the *National Planning Policy Framework* (DCLG 2012).

Methodology

- 1.12 The fieldwork comprised the excavation of 161 trenches, each measuring 30m long by 2m wide (a total of 4,830 linear metres; Fig. 2). They were positioned to investigate possible archaeological features identified from cropmarks, geophysical survey anomalies and to test apparently archaeologically "blank" areas of the site. With the approval of OCCPA, some trenches were moved in order to avoid overhead services. Trenches were set out on OS National Grid (NGR) co-ordinates using Leica GPS and surveyed in accordance with CA's *Technical Manual 4: Survey Manual* (CA 2009).
- 1.13 The trenches were excavated by mechanical excavators equipped with a toothless grading bucket. All machine excavation was undertaken under constant archaeological supervision to the top of the first significant archaeological horizon or the natural substrate, whichever was encountered first. Where archaeological deposits were encountered they were excavated by hand in accordance with CA's *Technical Manual 1: Fieldwork Recording Manual* (2007).
- 1.14 Deposits were assessed for their palaeoenvironmental potential in accordance with *Technical Manual 2: The Taking and Processing of Environmental and Other Samples from Archaeological Sites* (CA 2003). All artefacts recovered were

processed in accordance with *Technical Manual 3: Treatment of Finds Immediately After Excavation* (CA 1995).

- 1.15 The archive and artefacts from the evaluation are currently held by CA at their offices in Milton Keynes. Subject to the agreement of the legal landowner the artefacts and the site archive will be deposited with Oxfordshire Museums Service (accession number OXCMS: 2013.115). A summary of information from this project, set out within Appendix C, will be entered onto the OASIS online database of archaeological projects in Britain.

2. RESULTS

- 2.1 The evaluation comprised the excavation of 161 trenches in five arable fields that were harvested immediately prior to works commencing (Fields 1-5; Fig. 2). Areas of significant archaeology, of prehistoric or potentially prehistoric date, were identified in the north-west corner of Field 4 and in Field 5 (Fig. 4). Descriptions of the features and deposits encountered in the trenches are presented in detail in Appendix A.

General stratigraphy

- 2.2 The geology was extremely variable across the site, ranging from solid outcrops of weathered ferruginous limestone to rubbly ironstone in an orangey-brown silty clay matrix to mid yellowish or orangey-brown sandy silt. The geological substrate was generally exposed at a depth of 0.4m below ground level (bgl), although on the west facing slope in Field 5 there were colluvial deposits (see Section 2.5 below) and the bedrock lay at a depth of c. 1.0m bgl. The subsoil, which was intermittent, was up to 0.2m thick and typically consisted of stony mid orangey-brown sandy clay. The topsoil was mid greyish-brown silt or silty clay and was approximately 0.2m thick.

Field 1 (Trenches 144 and 146-160; Fig. 3)

Undated features

Trench 147

- 2.3 At the southern end of the trench was a shallow, undated linear feature, 14704, which was aligned east to west and measured 2.0m wide by 0.34m deep. It had the appearance of a furrow, although no other features of this type were encountered in this field, so it may be a shallow ditch.

Modern quarry pits

Trenches 144 and 151

- 2.4 At the eastern end of Trench 144 was the edge of a large, amorphous feature that extended beyond the confines of the trench to the east. A similar feature was encountered at the northern end of Trench 151. Both features are modern quarry pits that were backfilled by the farmer in recent years.

Colluvium

- 2.5 *Trenches 144, 150, 155-158*

Relatively thick deposits of colluvium, up to 0.55m thick, were recorded in trenches on the steep slope on the western edge of the field. In most of the trenches, successive episodes of soil accumulation were evident.

Naturally occurring features

- 2.6 Geophysical survey had detected a number of linear and discrete anomalies within Field 5, including an anomaly that had the appearance of one side of an enclosure. Excavation demonstrated that all of these anomalies were of natural origin and reflected variations in the geological substrate, particularly on the steep western edge of the field where erosion had exposed bands of differing rocks. No archaeological features or deposits were encountered in Trenches 146, 148-149, 152-154 and 159-160.

Field 2 (Trenches 120-143, 145 and 161; Fig. 3)

Medieval furrows

- 2.7 The remains of the medieval open field system were evident across much of Field 2, in the form of shallow, parallel furrows on a north to south alignment, although furrows on an east to west alignment were recorded at the western and southern edges of the field.

Post-medieval/modern

Trench 136

- 2.8 In the southern half of the trench was a broad, shallow, amorphous pit or hollow, 13604, that measured over 7m wide by 0.20m deep. It had been backfilled with stony mid brown silty clay, from which was recovered a single sherd of 18th/19th-

century black-glazed earthenware. The feature corresponds with the southern edge of a large area of geomagnetic disturbance that may relate to former quarrying.

Undated

Trench 128

- 2.9 In the eastern part of the trench was a shallow, linear feature, 12804, that was aligned north to south and measured 1.6m wide by 0.19m deep. It is on the same alignment as the furrows that were identified by geophysical survey in this field, so it is likely to be the remains of a deeper furrow that had not been ploughed out, or possibly a small ditch. A single sherd of medieval pottery, dating to the 12th to 14th century, was recovered from its fill.

Naturally occurring features

- 2.10 Investigation of a circular geophysical anomaly (targeted by Trench 141) and several linear anomalies demonstrated that they were formed by variations in the geological substrate, although no clear explanation could be found for the circular anomaly. Colluvial deposits, up to 0.11m thick and filling a naturally occurring depression in the ground, were noted in the north-west corner of the field, in Trenches 142 and 143. No archaeological features or deposits were encountered in Trenches 120-127, 129-135, 137-141, 145 and 161.

Field 3 (Trenches 96-119; Fig. 3)

Medieval furrows

- 2.11 The remains of the medieval open field system were evident across much of Field 3. The furrows were predominately on an east to west alignment, although in the western half of the field they were also recorded on a north to south alignment, suggesting that the open field in this area had been reorganised at some point in the medieval period.

Naturally occurring features

- 2.12 Investigation of a curvilinear geophysical anomaly in the south-east corner of the field demonstrated that it was formed by variations in the geological substrate. No archaeological features or deposits were encountered in any of the trenches in this field.



Field 4 (Trenches 1, 2 and 20-95; Fig. 4)

Iron Age

- 2.13 In the north-west corner of Field 4, geophysical survey had indicated further ditches probably belonging to a small Iron Age settlement that had previously been investigated in the adjoining field (CA 2011). Trenches 25 and 27 were excavated to establish the extent of the settlement within the site. Three further anomalies, interpreted as possible enclosures, were identified along the northern edge of the field, although only one of these, targeted by Trenches 2 and 33, was of archaeological origin. There was no artefactual dating evidence in any of the excavated sections.

Trenches 25 and 27 (Enclosure 1)

- 2.14 Enclosure ditch 2512 was orientated east to west and measured approximately 4.0m wide by at least 0.2m deep (base not attained). The ditch is probably the southern side of the main enclosure previously investigated in the field to the west (CA 2011). Three small ditches, which are undated but probably form part of the Iron Age settlement, were also identified in Trench 25. Ditch 2510, which ran parallel and to the north of the enclosure ditch, measured 0.7m wide by 0.12m deep and had a gentle, concave profile. On the same alignment at the southern end of the trench, ditch 2504 measured 0.8m wide by 0.38m deep and had a gentle, V-shaped profile (Fig. 5). Between the enclosure ditch and ditch 2504, ditch 2507 was on a more north-westerly alignment and measured 0.6m wide by 0.3m deep and had a sharp V-shaped profile.

- 2.15 Enclosure ditch 2705, which formed the eastern side of the main enclosure (CA 2011), was aligned north to south, had a steep-sided, V-shaped profile and measured 2.6m wide by 0.7m deep (Fig. 5).

Trenches 2 and 33 (Enclosure 2)

- 2.16 In Trench 2, ditch 207 formed the northern side of a small, sub-rectangular enclosure that appeared to be open on its eastern and much of its southern side. The ditch was aligned north-west to south-east, measured approximately 2.1m wide by 0.58m deep and had a V-shaped profile (Fig. 6). At the southern end of the trench, ditch 204 was aligned north-west to south-east, had a V-shaped profile and measured 1.05m wide by 0.59m deep.

- 2.17 In Trench 33, ditch 3304 was aligned north to south and formed the western side of the enclosure. It measured 1.5m wide by 0.4m deep and had a concave profile.

Medieval furrows

- 2.18 The remains of the medieval open field system were evident across much of Field 4, in the form of shallow, parallel furrows, predominately on an east to west alignment, with a block of north to south furrows in the north-east quadrant.

Naturally occurring features

- 2.19 Cropmarks and geophysical survey had indicated the possibility of two circular features, possibly ring ditches, in the western part of the Field 4, a possible enclosure in the north-east corner and several linear and sinuous features. Excavation demonstrated that they were formed by variations in the geological substrate, although no clear explanation could be found for the circular anomalies. No archaeological features or deposits, other than furrows, were encountered in Trenches 20-24, 26, 28-32 and 34-95.

Field 5 (Trenches 3-19; Fig. 4)

Prehistoric

- 2.20 A study of cropmarks and the geophysical survey identified a number of possible archaeological features, with a concentration at the eastern end of the site, in the southern half of Field 5. They included a curvilinear ditch, possibly part of a causewayed enclosure, a rectilinear enclosure, a possible ring ditch and linear striations forming possible trackways or field boundaries. There were no finds in the excavated sections to date the proven archaeological features, but a probable prehistoric date is likely, based on the morphology of the features and their association with the medieval furrows, which they were seen to predate.

Trenches 18 and 19 (possible causewayed enclosure)

- 2.21 The potential causewayed enclosure ditch was targeted by Trenches 18 and 19. Roughly corresponding with the location of the anomaly, ditch 1808 was aligned north-east to south-west, had a concave profile and measured 1.1m wide by 0.53m deep. The ditch had been recut along its southern edge by a broader, shallower ditch, 1806, which measured 2.5m wide by 0.3m deep. Ditch 1906, which was 3.5m wide and was excavated to a depth of 0.5m deep (base not attained), displayed no evidence of having been recut.

Trenches 6, 15 and 16 (Enclosure 3)

2.22 In the south-east corner of the field, geophysical survey had shown the presence of a possible rectilinear enclosure, or part of an enclosure that was open on its eastern and southern sides. Trenches 15 and 16 targeted the northern ditch of the enclosure and Trench 6 its western side and the interior.

2.23 Ditch 1507 was aligned east to west, measured 4m wide by 1m deep and had a broad, flat base with a sharp vertical northern side and a sloping south side (Fig. 6). Ditch 1604 was of a similar size and profile (base not attained). Ditch 605 was aligned north to south and measured 3.5m wide and was over 0.3m deep (base not attained).

Trenches 3 and 5 (other possible prehistoric features)

2.24 The circular cropmark in the south-eastern corner of Field 5 was investigated in Trench 3. There was no evidence for a ring ditch, although a cluster of pits were encountered in the area of the cropmark and were found to contain post-medieval material (see paragraph 2.26 below). At the western end of the trench, ditch 306 was aligned north to south, measured 1.8m wide by 0.7m deep with steep sides and a had a broad, flat base.

Medieval furrows

2.25 The remains of medieval furrows were recorded in most of the trenches in Field 5. They were spaced c. 8m apart and were aligned north to south, although at the southern edge of the field they appeared to have been realigned to an east to west orientation, possibly as part of a rearrangement of the open fields in this area.

Post-medieval/modern

2.26 In Trench 3, there was a cluster of pits containing post-medieval brick, tile and worked limestone. Ceramic and stone-lined field drains were found in association with the furrows. Modern land drains were also noted across the site; their alignment shows little relation to that of the furrows, suggesting that they had been inserted after the ridge and furrow had been ploughed out or levelled.

The finds by Jacky Somerville and Andrew Clark

2.27 Finds recovered from the evaluation included pottery, ceramic building material, metal objects, glass, worked stone and worked flint (Appendix B, Table 1).

Pottery

Roman

- 2.28 Two unstratified sherds of Roman greyware were recovered from Trenches 8 and 55. The sherd from Trench 8 was a rimsherd from a necked jar.

Medieval

- 2.29 A total of six sherds of Brill/Boarstall ware were recovered from topsoil 5101, 6401 and 14001, subsoil 6902, and unstratified from Trenches 16 and 20. Most or all sherds came from jugs and included one heavily abraded rod handle fragment with a double row of stabbed decoration from topsoil 14001, a fragment of rod handle with a single row of stabbed decoration from topsoil 5101, and a small, also heavily abraded, fragment from a handle recovered unstratified from Trench 20. The sherd from Trench 16 featured a band of under-glaze, red-slipped decoration. This wheel-thrown glazed ware type was produced during the 13th and 14th centuries in potteries at Brill and Boarstall in Buckinghamshire, and is commonly found on sites in Oxfordshire (Mellor 1994, 111-140).

Post-medieval

- 2.30 Two sherds of English stoneware were recovered unstratified: one each from Trenches 54 and 77. This pottery was manufactured in London and elsewhere from the late 17th to 18th centuries (Soden and Ratkai 1998, 177). Subsoil 6302 produced one sherd of Raeren stoneware. It was a large base-sherd from a drinking jug, featuring a frilled base. Tankards and mugs in this German stoneware were manufactured in Niederrhein from the late-15th to mid-16th centuries (Soden and Ratkai 1998, 183). One sherd of Staffordshire combed slipware, from a press-moulded platter, was recovered from topsoil 8101. This type of pottery was produced from the late 17th to mid-18th centuries (Soden and Ratkai 1988, 203). A total of seven sherds of black glazed earthenware, dating to the 18th to 19th centuries, were recovered from pit fill 305, topsoil 4201, modern pit 13605 and unstratified from Trench 14.

Ceramic building material

- 2.31 Three fragments of post-medieval ceramic building material were recovered from pit fill 305 and subsoil 6902. An unstratified fragment of glazed ridge tile, from Trench 55, might date to the late medieval or early post-medieval period. A further three

fragments of ceramic building material were recovered from ditch fill 1605, subsoil 6902 and topsoil 8101. These were too fragmentary to be dated.

Metal objects

- 2.32 A single lead shot from subsoil 15002 is of a size (c. 8 mm) appropriate for use with a pistol. It probably dates to the 17th to early-18th centuries.

Glass

- 2.33 One fragment of post-medieval window glass was recovered from topsoil 2701 and a total of seven fragments of post-medieval bottle glass were recovered from topsoil 2701, 4301 and 5201, and subsoil 4403. The bottle glass fragments are dateable in the late 17th to 18th centuries range, with the base fragment from topsoil 5201 most likely 18th century in date.

Worked stone

- 2.34 Seven pieces of worked limestone were recovered from pit fill 305 and unstratified from Trench 3. These were probably fragments of medieval or post-medieval roof tile.

Worked flint

- 2.35 A total of five items of worked flint were recovered from subsoil 1902 and 6902, gully fill 2509 and unstratified from Trenches 15 and 17. Those from subsoil 1902, fill 2509 and Trench 15 were undiagnostic waste flakes. The piece from Trench 17 is a notched piece on a blade-like flake. The notch is formed from very small removals in the centre of the left dorsal edge. None of these items can be dated more precisely than to the prehistoric period.
- 2.36 The flint from subsoil 6902 appears to be the distal portion of a straight backed blade. However, as it is broken it is not possible to be certain if the backing would have continued along the whole length of the right ventral edge. The backed edge had been blunted with very fine and even, steep retouch. The left dorsal edge had not been retouched, which is typical for these Early Neolithic tools (Waddington 2004, 36).

Animal bone

- 2.37 A small amount of animal bone (12 fragments; 206g) was recovered from the site (Appendix B, Table 2). The bone was poorly preserved and highly fragmented, resulting from a combination of gnawing and modern breakage. Ovicaprid bones

were recovered from three deposits dating from the medieval (206) to the post-medieval (6912 & 15002) periods but could provide no further interpretative date beyond confirming the presence of this species on site. Bones from cattle were also identified, but only from undated features.

3. DISCUSSION

- 3.1 The evaluation identified three areas of archaeological interest within the site, not including the remains of medieval ridge and furrow cultivation that were identified in most trenches. These areas comprised a possible Neolithic causewayed enclosure and an undated sub-rectangular enclosure in the southern half of Field 5, a small sub-rectangular enclosure close to the site's northern boundary and part of a Late Iron Age enclosure in the north-western corner of Field 4.
- 3.2 The possible Neolithic causewayed enclosure had previously been identified from cropmarks and comprised part of a curvilinear segmented ditch that appeared to form the northern side of an oval enclosure, with the main part of the enclosure extending into the area of Wykham Farm. The topographical location of the possible monument, on the crest of a slope overlooking a stream or river valley, is consistent with the positioning of many causewayed enclosures (e.g. Briar Hill, Northampton; Burford, Oxon) and the segmented nature of the enclosure ditch, as shown by cropmarks and geophysical survey (WA 2013), is also a defining characteristic.
- 3.3 The segmented nature of the ditch was not tested by the evaluation, but the ditch was investigated in two trenches and was found to be between 1.1m and 3.5m wide and up to 0.53m deep. These ditch dimensions are in common with those of other causewayed enclosures, as was the nature of the ditch fills, which were sterile and devoid of artefacts (e.g. South Petherton, where the ditches varied in width between 1.2m and 1.9m, had shallow concave profiles and sterile fills with no cultural material present; CA 2011b). No evidence was found for its continuation from Field 5 into the adjacent field, but it is possible that its western side is masked by a hedgerow. Due to ecological constraints, it was also not possible to place trenches within 10m of the hedgerow in this area, so investigation in this area was limited in scope. There were no finds in the excavated fill of the possible causewayed enclosure, but part of an Early Neolithic flint blade was recovered from the subsoil in Field 4, suggesting activity in this area during the Neolithic period.

- 3.4 The sub-rectangular enclosure in the area of the possible causewayed enclosure is undated, as is the small enclosure close to the northern edge of the site, but they were seen to predate the furrows of the medieval open field.
- 3.5 The Late Iron Age settlement in the north-west corner of Field 4 extended into an adjacent field to the north and west of the site, where it had previously been investigated by Cotswold Archaeology in 2011 (CA 2011a). There was no artefactual dating material from the current site but a small assemblage of pottery had been recovered from the adjacent evaluation, which dated the settlement to the Late Iron Age, with some of the pottery dating to as late as the mid-1st century AD. A piece of slag and hammerscale were also recovered from the adjacent site, suggesting that metalworking may have been carried out in the vicinity. Within the current site, the eastern side of the main enclosure ditch and part of the ditch system to the south of the enclosure were identified.
- 3.6 The remains of a medieval open field system, evident as largely ploughed out furrows, were recorded across the central and eastern parts of the site. Their alignment generally corresponded with the direction of furrows shown on the HER plan kindly provided by Richard Oram, although some variation was noted in the western half of Field 2. Other features included modern land drains and backfilled quarry pits. The evaluation demonstrated that many of the geophysical anomalies and cropmarks, including four possible ring ditches, were caused by changes in the composition of the geological substrate, which was highly variable across the site.

4. CA PROJECT TEAM

The fieldwork was supervised by Dan Stone, assisted by a team of CA Archaeologists. The report was written by Dan Stone, with contributions from Jacky Somerville and Andrew Clarke, and the illustrations were prepared by Lorna Gray. The archive has been compiled by Dan Stone and prepared for deposition by Derek Evans. The project was managed for CA by Simon Carlyle.



5. REFERENCES

BGS (British Geological Survey) 2013 Geology of Britain Viewer http://maps.bgs.ac.uk/geology_viewer_google/gooleviewer.html Accessed 22 October 2013

CA (Cotswold Archaeology) 2011a *Land East of Bloxham Road, Banbury: Archaeological Evaluation*, report **11326**

CA (Cotswold Archaeology) 2011b *Ilchester to Barrington Gas Pipeline, Somerset*, report **11279**

Mellor, M, 1994 A Synthesis of Middle and Late Saxon, Medieval and Early Post-medieval Pottery in the Oxford Region, *Oxoniensia* **LIX**, 17-217.

Soden, I, and Ratkai, S, 1998 *Warwickshire Medieval and Post Medieval Pottery Type Series*, Warwick, Warwickshire Museum Field Services

Waddington, C, 2004 *The Joy of Flint: An Introduction to Stone Tools and Guide to the Museum of Antiquities Collection*, Museum of Antiquities, Newcastle Upon Tyne

WA (Wardell Armstrong) 2013 *Wykham Park Farm, Oxfordshire: Environmental Statement*



APPENDIX A: CONTEXT DESCRIPTIONS

Trench No.	Context No.	Type	Fill of	Context interpretation	Description	L (m)	W (m)	Depth/thickness (m)
1	101	layer		topsoil	mid orangey brown sandy clay	>29.5	>2.0	0.25
1	102	layer		subsoil	mid orangey brown sandy clay	>29.5	>2.0	0.15
1	103	layer		natural	light orangey brown with blueish grey clay	>29.5	>2.0	
2	201	layer		topsoil	mid grey brown silty clay	>30.34	>2.02	0.26
2	202	layer		subsoil	mid orange brown with blueish brown sandy silt	>30.34	>2.02	0.1
2	203	layer		natural	silty clay with small sub-angular limestone	>30.34	>2.02	
2	204	cut		gully	linear in plan, steep sided, flat based, north-west/south-east aligned	>2.02	1.05	0.59
2	205	fill	204	1st fill of gully	mid greyish brown silty clay		0.63	0.47
2	206	fill	204	2nd fill of gully	mid brown silty clay	0.5	1.05	0.3
2	207	cut		ditch	linear in plan, steep sided, north-west/south-east aligned	0.5	1.97	0.59
2	208	fill	207	1st fill of gully	mid brown silty clay		1.85	0.59
2	209	fill	207	2nd fill of gully	mid brown silty clay		1.35	0.27
3	301	layer		topsoil	mid greyish brown silt	>32.50	>2.0	0.26
3	302	layer		subsoil	mid brown clayey silt	>32.50	>2.0	0.33
3	303	layer		natural	mid yellowish brown sandy silt	>32.50	>2.0	
3	304	cut		pit	linear in plan, north/south aligned	>2.0		
3	305	fill	304	fill of pit	mid yellowish brown silty clay			
3	306	cut		ditch	linear in plan, concave profile, north/south aligned	>2.0	1.8	0.7
3	307	fill	306	fill of ditch	mid greyish brown silty sand			
3	308	fill	306	fill of ditch	mid greyish brown sandy silt		1	0.7
3	309	fill	306	fill of ditch	mid greyish brown silty sand			
3	310	fill	304	fill of pit	mid greyish brown silty sand			
4	401	layer		topsoil	dark reddish brown silt	>21.26	>1.80	0.15
4	402	layer		subsoil	light orangey brown silty clay	>21.26	>1.80	0.13
4	403	layer		natural	light brownish orange clay with large sub angular stone	>21.26	>1.80	
5	501	layer		topsoil	mid greyish brown silt	>30.90	>2.0	0.22
5	502	layer		subsoil	mid brown clayey silt	>30.90	>2.0	0.1
5	503	layer		natural	mid yellowish brown sandy silt with shattered stone	>30.90	>2.0	
5	504	void	void	void	void			
5	505	void	void	void	void			
5	506	void	void	void	void			
5	507	void	void	void	void			
5	508	cut		pit	circular pit, concave side, slightly concave/uneven base		0.9	0.23
5	509	fill	508	fill of pit	brown with orangey brown hue silty clay		0.9	0.23
5	510	void	void	void	void			
5	511	void	void	void	void			
6	601	layer		topsoil	dark greyish brown silty clay	>31.5	>2.1	0.24
6	602	layer		subsoil	dark orangey brown gravelly silt with small sub angular stone	>31.5	>2.1	0.15
6	603	layer		natural	dark orangey brown silty clay with sub-angular stone	>31.5	>2.1	

6	604	fill	605	fill of ditch	light orangey brown silyt sand with sub-angular stone	3.53		>0.25
6	605	cut		ditch	linear in plan, north/south aligned	3.63		>0.25
7	701	layer		topsoil	mid greyish brown sandy silt	>29.58	>1.80	0.37
7	702	layer		subsoil	mid orangey brown silt	>29.58	>1.80	0.17
7	703	layer		natural	light yellowish brown sandy silt with sub-angular stone	>29.58	>1.80	
8	801	layer		topsoil	mid greyish brown sandy clay	>29.13	>2.01	0.35
8	802	layer		natural	mid orangey brown clay	>29.13	>2.01	
9	901	layer		topsoil	dark greyish brown clayey silt	>29.85	>2.25	0.26
9	902	layer		subsoil	dark orangey brown silty clay	>29.85	>2.25	0.11
9	903	layer		natural	dark orangey brown sandy clay	>29.85	>2.25	
10	1001	layer		topsoil	mid greyish brown sandy clay	>30.03	>2.06	0.24
10	1002	layer		subsoil	mid reddish brown clay	>30.03	>2.06	
11	1101	layer		topsoil	dark greyish brown clayey silt	>29.90	>1.80	0.35
11	1102	layer		subsoil	dark orangey brown sandy clay	>29.90	>1.80	0.13
11	1103	layer		natural	dark orangey brown sandy clay with sub-angular sandstone	>29.90	>1.80	
12	1201	layer		topsoil	mid greyish brown silt	>30.20	>2.0	
12	1202	layer		subsoil	mid brown clayey silt	>30.20	>2.0	
12	1203	layer		natural	mid yellowish brown sandy silt with shattered stone	>30.20	>2.0	
12	1204	void	void	void	void			
12	1205	void	void	void	void			
13	1301	layer		topsoil	mid greyish brown sandy clay	>29.21	>2.02	0.28
13	1302	layer		subsoil	mid reddish brown sandy clay	>29.21	>2.02	0.06
13	1303	layer		natural	mid orangey brown clay	>29.21	>2.02	
14	1401	layer		topsoil	dark reddish brown silt	>29.17	>1.80	0.28
14	1402	layer		subsoil	mid brown silty clay	>29.17	>1.80	0.15
14	1403	layer		natural	mid orangey brown clay with small sub-angular stone	>29.17	>1.80	
15	1501	layer		topsoil	mid greyish brown silt	>30.50	>1.80	0.28
15	1502	layer		natural	mid reddish brown sandy clay	>30.50	>1.80	
15	1503	fill	1509	fill of linear	dark yellowish brown sandy silt with sub-angular stone	1.9		0.6
15	1504	fill	1508	fill of rectilinear ditch	mid greyish brown sandy silt with sub-angular stone	3.6		0.7
15	1505	fill	1507	fill of rectilinear ditch	dark reddish brown silt	0.4		0.1
15	1506	fill	1507	fill of rectilinear ditch	dark brownish orange silty clay with sub-angular stone	3.2		0.5
15	1507	cut		rectilinear ditch	linear in plan, steep sided, east/west aligned	5.2		
15	1508	cut		rectilinear ditch	linear in plan, steep sided, east/west aligned	3.6		
15	1509	cut		rectilinear ditch	linear in plan, concave base, east/west aligned	1.9		
15	1510	fill	1511	fill of rectilinear ditch	mid orangey brown silt	2.9		0.6
15	1511	cut		rectilinear ditch	linear in plan, flat based, east/west aligned		3	0.6
16	1601	layer		topsoil	dark greyish brown clayey silt small sub angular stone	>29.27	>1.80	0.29
16	1602	layer		subsoil	dark orangey brown sandy clay	>29.27	>1.80	0.09
16	1603	layer		natural	dark greyish brown silty clay with sub-angular sandstone	>29.27	>1.80	
16	1604	cut		ditch	linear in plan, east/west aligned	>1.80	<3.60	<0.30
16	1605	fill	1604	fill of ditch	reddish brown silty clay	>1.80	<3.60	<0.30

17	1701	layer		topsoil	mid greyish brown silt	>30.0	>2.0	0.16
17	1702	layer		subsoil	mid brown clayey silt	>30.0	>2.0	0.22
17	1703	layer		natural	mid yellowish brown sandy silt with shattered stone	>30.0	>2.0	
17	1704	void	void	void	void			
17	1705	void	void	void	void			
17	1706	void	void	void	void			
17	1707	void	void	void	void			
17	1708	void	void	void	void			
17	1709	void	void	void	void			
18	1801	layer		topsoil	mid greyish brown silt	>30.30	>2.00	0.18
18	1802	layer		subsoil	mid brown clayey silt	>30.30	>2.00	0.2
18	1803	layer		natural	mid yellowish brown sandy silt with shattered stone	>30.30	>2.00	
18	1804	void	void	void	void			
18	1805	void	void	void	void			
18	1806	cut		ditch	linear in plan, concave profile, flat base, east/west aligned		>2.5	0.3
18	1807	fill	1806	fill of ditch	mid greyish brown silty clay			
18	1808	cut		ditch	linear in plan, concave profile, north-west/south-east aligned	>30.30	1.15	0.55
18	1809	fill	1808	1st fill of ditch	light yellowish brown silty clay			
18	1810	fill	1808	2nd fill of ditch	mid greyey brown silty clay			
19	1901	layer		topsoil	mid greyish brown silt	>31.10	>2.00	0.18
19	1902	layer		subsoil	mid brown clayey silt	>31.10	>2.00	0.21
19	1903	layer		natural	mid yellowish brown sandy silt with stone	>31.10	>2.00	
19	1904	void	void	void	void			
19	1905	void	void	void	void			
19	1906	cut		ditch	linear in plan, east/west aligned	>2.00	3.85	0.5
19	1907	fill	1906	fill of ditch	mid greyish brown silty clay			
19	1908	fill	1906	fill of ditch	mid greyish brown silty clay			
19	1909	fill	1906	fill of ditch	mid yellowish brown silty clay			
19	1910	fill	1906	fill of ditch	light yellowish brown silty clay			
20	2001	layer		topsoil	mid greyey brown clayey silt	>29.92	>2.08	0.37
20	2002	layer		natural	yellowish grey silty clay with limestone	>29.92	>2.08	
21	2101	layer		topsoil	dark yellowish brown sandy silt	>29.40	>2.40	0.29
21	2102	layer		natural	dark greyish brown silty clay with limestone flecking, sub-angular sandstone	>29.40	>2.40	
22	2201	layer		topsoil	mid greyish brown silt	>31.0	>2.0	0.18
22	2202	layer		subsoil	mid orangey brown clayey silt	>31.0	>2.0	0.19
22	2203	layer		natural	reddish brown clay	>31.0	>2.0	
23	2301	layer		topsoil	dark greyish brown clayey silt	>30.28	>2.18	0.23
23	2302	layer		subsoil	dark orangey brown silt sand	>30.28	>2.18	0.19
23	2303	layer		natural	greyey brown silty clay with limestone flecking	>30.28	>2.18	
24	2401	layer		topsoil	dark greyish brown silty clay	>30.5	>2.15	0.29
24	2402	layer		subsoil	dark orangey brown sandy clay	>30.5	>2.15	0.16
24	2403	layer		natural	dark orangey brown with limestone and sandstone flecking	>30.5	>2.15	
25	2501	layer		topsoil	mid grey brown silty clay	>29.82	>1.80	0.15
25	2502	layer		subsoil	brown silty clay	>29.82	>1.80	0.22
25	2503	layer		natural	yellowish brown clay with manganese staining and ironstone fragments	>29.82	>1.80	
25	2504	cut		gully	linear in plan, concave base, east/west aligned	>1.80	0.8	0.35

25	2505	fill	2504	1st fill of gully	orangey brown silty clay with ironstone fragments	>1.80	0.42	0.15
25	2506	fill	2504	2nd fill of gully	brown silty clay	>1.80	0.7	0.21
25	2507	cut		gully	linear in plan, steep sided, south-west/north-east aligned	>2.4	0.58	0.31
25	2508	fill	2507	1st fill of gully	orangey brown silty clay	>2.4	0.29	0.14
25	2509	fill	2507	2nd fill of gully	brown silty clay	>2.4	0.58	0.16
25	2510	cut		gully	linear in plan, concave base, east/west aligned	>1.80		
25	2511	fill	2510	fill of gully	yellowish brown silty clay	>1.80	0.7	0.12
25	2512	cut		enclosure ditch	east/west aligned	>1.80	4	
25	2513	fill	2512	fill of enclosure ditch			4	0.2
25	2514	fill	2512	fill of enclosure ditch	silty clay		2.4	>0.2
26	2601	layer		topsoil	mid greyish brown sandy clay	>29.24	>2.04	0.17
26	2602	layer		natural	mid reddish orange clay	>29.24	>2.04	
27	2701	layer		topsoil	mid greyish brown sandy silt	>30.56	>2.02	0.13
27	2702	layer		natural	mid yellowish brown clay	>30.56	>2.02	
27	2703	void	void	void	void			
27	2704	void	void	void	void			
27	2705	cut		ditch	linear in plan, steep sided, concave base, north/south aligned		2.7	0.7
27	2706	fill	2705	fill of ditch	mid orangey brown silty clay			
27	2707	fill	2705	fill of ditch	mid orangey brown silty clay			
27	2708	fill	2705	fill of ditch	mid orangey brown silty clay			
28	2801	layer		topsoil	mid greyish brown sandy clay	>29.35	>1.80	0.25
28	2802	layer		natural	mid brownish orange clay	>29.35	>1.80	0.17
29	2901	layer		topsoil	mid orangey brown silty clay	>29.90	>2.08	0.29
29	2902	layer		natural	yellowish brown silty clay with small sub-angular limestone and flecking	>29.90	>2.08	
29	2903	layer		subsoil	mid orange brown silty clay	>29.90	>2.08	0.15
29	2904	void	void	void	void	>2.08	1.65	0.17
29	2905	void	void	void	void	>2.08	1.65	0.17
29	2906	void	void	void	void	>2.08	<0.40	<0.25
29	2907	void	void	void	void	>2.08	<0.40	<0.25
29	2908	void	void	void	void	>2.08	<0.40	<0.25
30	3001	layer		topsoil	mid orangey brown silty sandy clay	>30.05	>2.08	0.28
30	3002	layer		natural	reddish brown silty clay with limestone flecking	>30.05	>2.08	
31	3101	layer		topsoil	mid orangey brown clayey silt	>30.25	>2.08	0.32
31	3102	layer		subsoil	dark brown silty sand	>30.25	>2.08	0.15
31	3103	layer		natural	mid yellowish brown silty clay with small limestone fragments	>30.25	>2.08	
32	3201	layer		topsoil	dark orangey brown silty clay	>30.78	>2.08	0.33
32	3202	layer		subsoil	dark orangey brown sandy clay	>30.78	>2.08	0.15
32	3202	layer		natural	dark reddish brown sandy silt with sub-angular limestone fragments and flecking	>30.78	>2.08	
33	3301	layer		topsoil	dark greyish brown silty clay	>29.05	>2.08	0.29
33	3302	layer		subsoil	dark orangey brown sandy clay	>29.05	>2.08	0.17
33	3303	layer		natural	dark reddish grey silty clay with medium sub-angular limestone and mudstone	>29.05	>2.08	
33	3304	cut		ditch	linear in plan, concave sided, north/south aligned	>2.0	1.5	0.38
33	3305	fill	3304	1st fill of ditch	light brownish yellow silty clay		1.08	0.15
33	3306	fill	3304	2nd fill of ditch	mid greyish brown silty clay		1.5	0.23
34	3401	layer		topsoil	dark greyish brown sandy clay	>29.70	>2.20	0.3
34	3402	layer		subsoil	dark yellowish brown silty clay	>29.70	>2.20	0.09
34	3403	layer		natural	dark reddish brown sandy clay	>29.70	>2.20	

35	3501	layer		topsoil	dark greyish brown silty clay	>29.20	>2.15	0.25
35	3502	layer		subsoil	dark orangey brown sandy silt	>29.20	>2.15	0.1
35	3503	layer		natural	dark reddish brown sandstone	>29.20	>2.15	
36	3601	layer		topsoil	mid brownish grey silty clay	>30.0	>2.0	0.15
36	3602	layer		subsoil	mid orangey brown silty clay	>30.0	>2.0	0.7
36	3603	layer		natural	mid brown clay	>30.0	>2.0	
36	3604	void	void	void	void			
36	3605	void	void	void	void			
37	3701	layer		topsoil	dark greyish brown clayey silt	>29.70	>2.03	0.23
37	3702	layer		subsoil	dark orangey brown sandy silt	>29.70	>2.03	0.1
37	3703	layer		natural	greyey brown and orangey brown silty clay with limestone flecking	>29.70	>2.03	
38	3801	layer		topsoil	dark reddish brown silty clay	>31.02	>2.08	0.19
38	3802	layer		subsoil	dark brown silty clay	>31.02	>2.08	0.08
38	3803	layer		natural	reddish brown silty clay with limestone flecking and angular stones	>31.02	>2.08	
39	3901	layer		topsoil	dark greyish brown silty clay	>29.70	>2.05	0.18
39	3902	layer		subsoil	dark orangey brown sandy clay	>29.70	>2.05	0.15
39	3903	layer		natural	dark reddish brown sandy clay	>29.70	>2.05	
40	4001	layer		topsoil	dark yellowish brown silty clay	>29.90	>2.30	0.45
40	4002	layer		subsoil	dark orangey brown sandy silt	>29.90	>2.30	0.18
40	4003	layer		natural	dark reddish brown sandy clay with sandstone flecking and sub-angular stone	>29.90	>2.30	
41	4101	layer		topsoil	dark greyish brown silty clay	>29.20	>2.40	0.26
41	4102	layer		subsoil	dark orangey brown silty clay	>29.20	>2.40	0.13
41	4103	layer		natural	dark orangey brown silty clay with sub-angular stone	>29.20	>2.40	
42	4201	layer		topsoil	mid greyish brown silty clay	>31.02	>2.08	0.36
42	4202	layer		subsoil	mid yellowish brown sandy silt	>31.02	>2.08	0.11
42	4203	layer		natural	dark greyish brown clay with sub-angular sandstone	>31.02	>2.08	
43	4301	layer		topsoil	mid greyish brown sandy clay	>1.90	>1.93	0.28
43	4302	layer		natural	mid orangey brown clay	>1.90	>1.93	
44	4401	layer		topsoil	mid greyish brown sandy clay	>29.80	>1.80	0.27
44	4402	layer		natural	mid brownish orange clay	>29.80	>1.80	
44	4403	layer		subsoil	dark orangey brown sandy clay with charcoal	>29.80	>1.80	0.14
45	4501	layer		topsoil	mid greyish brown sandy silt	>29.24	>1.80	0.25
45	4502	layer		natural	mid orange brown clay with sub-angular stone	>29.24	>1.80	
45	4503	layer		subsoil	light brownish orange silty clay	>29.24	>1.80	0.22
46	4601	layer		topsoil	mid brownish grey silty clay	>29.70	>1.81	0.28
46	4602	layer		subsoil	mid yellowish grey silty clay	>29.70	>1.81	0.31
46	4603	layer		natural	mid greyish brown clay with stones	>29.70	>1.81	
47	4701	layer		topsoil	mid greyish brown silt	>30.05	>1.80	0.28
47	4702	layer		subsoil	mid brown silty clay	>30.05	>1.80	0.17
47	4703	layer		natural	mid brownish orange clay with sub-angular stone	>30.05	>1.80	
48	4801	layer		topsoil	mid greyish brown silt	>30.75	>1.80	0.34
48	4802	layer		subsoil	mid brown clayey silt with grey clay	>30.75	>1.80	0.18
48	4803	layer		natural	mid brownish grey clay with sub-angular stone	>30.75	>1.80	
49	4901	layer		topsoil	mid greyish brown silty clay	>30.35	>1.80	0.26
49	4902	layer		natural	mid brownish orange clay with sub-angular stone	>30.35	>1.80	
49	4903	layer		subsoil	mid brown silty clay	>30.35	>1.80	0.29
50	5001	layer		topsoil	dark greyish brown silty clay	>29.50	>2.20	0.3

50	5002	layer		subsoil	dark orangey brown sandy silt	>29.50	>2.20	0.16
50	5003	layer		natural	greyish brown sandy clay with limestone flecking	>29.50	>2.20	
51	5101	layer		topsoil	dark orangey brown silty clay	>30.10	>2.20	0.19
51	5102	layer		subsoil	dark orangey brown sandy silt	>30.10	>2.20	0.2
51	5103	layer		natural	dark mottled greyey silty clay with limestone/mudstone flecking, sub-angular stone	>30.10	>2.20	
52	5201	layer		topsoil	mid greyish brown sandy clay	>30.53	>1.80	0.47
52	5202	layer		natural	dark brownish orange clay with sub-angular stone	>30.53	>1.80	
53	5301	layer		topsoil	mid greyish brown sandy clay	>31.01	>2.0	0.32
53	5302	layer		natural	mottled orangey brown clay with blueish grey	>31.01	>2.0	
54	5401	layer		topsoil	mid greyish brown sandy clay	>29.30	>2.13	0.31
54	5402	layer		natural	orangey yellow clay	>29.30	>2.13	
55	5501	layer		topsoil	mid greyish brown sandy clay	>30.62	>1.98	0.34
55	5502	layer		natural	mid orangey brown clay with greyish blue and stone flecking	>30.62	>1.98	
56	5601	layer		topsoil	mid greyish brown sandy clay	>30.02	>2.08	0.13
56	5602	layer		subsoil	mid reddish brown sandy clay	>30.02	>2.08	0.11
56	5603	layer		natural	mid orangey brown clay	>30.02	>2.08	
57	5701	layer		topsoil	mid greyish brown sandy clay	>29.35	>2.06	0.23
57	5702	layer		natural	mid reddish brown silty clay	>29.35	>2.06	
58	5801	layer		topsoil	mid brownish grey silty clay	>29.70	>1.82	0.33
58	5802	layer		subsoil	mid greyish brown clayey silt	>29.70	>1.82	0.2
58	5803	layer		natural	mid yellowish brown silty sand with light grey patches	>29.70	>1.82	
59	5901	layer		topsoil	mid greyish brown sandy clay	>29.63	>1.80	0.55
59	5902	layer		natural	mid brownish orange clay with sub-angular stone	>29.63	>1.80	
60	6001	layer		topsoil	mid brownish grey silty clay	>27.20	>1.82	0.19
60	6002	layer		subsoil	mid greyish brown silty clay	>27.20	>1.82	0.2
60	6003	layer		natural	mid yellowish grey clay with red patches and stone	>27.20	>1.82	
60	6004	void	void	void	void			
60	6005	void	void	void	void			
61	6101	layer		topsoil	mid orangey brown sandy clay	>29.50	>2.2	0.25
61	6102	layer		subsoil	mid orangey brown sandy clay	>29.50	>2.2	0.18
61	6103	layer		natural	light orangey brown clay with light blue grey patches and stone	>29.50	>2.2	
62	6201	layer		topsoil	mid yellowish brown sandy clay	>40.79	>2.06	0.19
62	6202	layer		subsoil	mid greyish brown sandy clay	>40.79	>2.06	0.16
62	6203	layer		natural	mottled greyish brown clay	>40.79	>2.06	
63	6301	layer		topsoil	mid greyish brown sandy clay	>30.91	>2.09	0.22
63	6302	layer		subsoil	mid yellowish brown sandy clay	>30.91	>2.09	0.11
63	6303	layer		natural	mid reddish brown clay	>30.91	>2.09	
64	6401	layer		topsoil	mid greyish brown silty clay	>30.59	>2.07	0.36
64	6402	layer		subsoil	mid orangey brown clayey sand	>30.59	>2.07	0.22
64	6403	layer		natural	mid orange red sandy clay with sub-angular limestone	>30.59	>2.07	
65	6501	layer		topsoil	reddish brown silty clay	>30.02	>2.02	0.28
65	6502	layer		subsoil	brownish red clayey sand with sub-angular stone	>30.02	>2.02	0.18
65	6503	layer		natural	light greyish yellow with sub-angular limestone	>30.02	>2.02	
66	6601	layer		topsoil	mid greyish brown sandy clay	>31.85	>2.07	0.27
66	6602	layer		subsoil	mid orangey brown sandy clay	>31.85	>2.07	0.22
66	6603	layer		subsoil	mid yellowish brown sandy clay	>31.85	>2.07	0.17

66	6604	layer		natural	mottled greyish brown clay with medium angular stone	>31.85	>2.07	
67	6701	layer		topsoil	mid greyish brown sandy clay	>31.46	>1.96	0.28
67	6702	layer		natural	mottled greyish brown with blue and red	>31.46	>1.96	
68	6801	layer		topsoil	mid greyish brown sandy clay	>29.83	>1.80	0.28
68	6802	layer		natural	light brownish orange clay with sub-angular stone	>29.83	>1.80	0.24
69	6901	layer		topsoil	mid orangey brown sandy clay	>30.25	>1.94	0.18
69	6902	layer		natural	mid yellowish red clay	>30.25	>1.94	
69	6903	void	void	void	void			
69	6904	void	void	void	void			
69	6905	void	void	void	void	>2.10	1.14	0.15
69	6906	void	void	void	void	>2.10	1.14	0.11
69	6907	void	void	void	void	>2.10	2.01	0.15
69	6908	void	void	void	void	>2.10	2.01	0.15
69	6909	void	void	void	void	>2.06	1.79	0.36
69	6910	void	void	void	void	>30.25	>1.94	0.23
69	6911	void	void	void	void	>2.06	1.34	0.38
69	6912	void	void	void	void	>2.06	1.04	0.38
70	7001	layer		topsoil	mid brownish grey silty clay	>30.20	>1.81	0.29
70	7002	layer		natural	mid blueish grey clay	>30.20	>1.81	
71	7101	layer		topsoil	mid greyish brown sandy clay	>31.17	>1.80	0.27
71	7102	layer		natural	light brownish orange clay with sub-angular stone	>31.17	>1.80	
72	7201	layer		topsoil	dark greyish brown silty clay	>30.20	>2.10	0.25
72	7202	layer		subsoil	dark orangey brown sandy silt	>30.20	>2.10	0.13
72	7203	layer		natural	dark orangey brown sandy clay with limestone and sandstone	>30.20	>2.10	
73	7301	layer		topsoil	dark orangey brown silty clay	>31.00	>2.10	0.4
73	7302	layer		subsoil	dark greyish brown silty clay	>31.00	>2.10	0.33
73	7303	layer		natural	dark mottled greyey brown gravely clay with limestone and sandstone	>31.00	>2.10	
74	7401	layer		topsoil	dark orangey brown silty clay	>29.80	>2.20	0.17
74	7402	layer		subsoil	dark yellowish brown sandy silt	>29.80	>2.20	0.1
74	7403	layer		natural	dark reddish brown silty clay with limestone flecking	>29.80	>2.20	
75	7501	layer		topsoil	mid reddish brown sandy clay	>30.62	>2.61	0.21
75	7502	layer		natural	mid greyish brown clay	>30.62	>2.61	
76	7601	layer		topsoil	mid greyish brown sandy clay	>31.40	>2.21	0.33
76	7602	layer		natural	mid reddish brown clay with stone flecks	>31.40	>2.21	
77	7701	layer		topsoil	mid greyish brown sandy clay	>29.80	>2.15	0.31
77	7702	layer		natural	mid yellowish brown clay	>29.80	>2.15	
78	7801	layer		topsoil	mid orangey brown sandy clay	>30.25	>2.11	0.21
78	7802	layer		natural	mottled greyish brown clay with blue and orange	>30.25	>2.11	
79	7901	layer		topsoil	mid greyish brown sandy clay	>29.69	>2.11	0.17
79	7902	layer		natural	mottled reddish brown clay with small angular stones and flecking	>29.69	>2.11	
80	8001	layer		topsoil	orangey brown sandy clay	>29.0	>1.90	0.18
80	8002	layer		subsoil	orangey brown sandy clay	>29.0	>1.90	0.12
80	8003	layer		natural	light orangey brown clay with angular stone	>29.0	>1.90	
81	8101	layer		topsoil	mid reddish brown silty clay	>32.02	>2.03	0.24
81	8102	layer		subsoil	mid yellowish brown sandy clay	>32.02	>2.03	0.14
81	8103	layer		natural	mid reddish brown silty clay with grey patches sub-angular	>32.02	>2.03	

					limestone			
82	8201	layer		topsoil	mid brownish grey sandy clay	>29.69	>1.80	0.31
82	8202	layer		natural	light brownish orange clay with sub-angular stone	>29.69	>1.80	
83	8301	layer		topsoil	mid orangey brown sandy clay	>30.00	>2.10	0.25
83	8302	layer		subsoil	mid orangey brown sandy clay	>30.00	>2.10	0.15
83	8303	layer		natural	orangey brown clay with blueish grey clay	>30.00	>2.10	
84	8401	layer		topsoil	mid greyish brown sandy clay	>29.52	>1.80	0.26
84	8402	layer		natural	light brownish orange clay	>29.52	>1.80	
85	8501	layer		topsoil	mid brownish grey silty clay	>29.30	>1.82	0.33
85	8502	layer		subsoil	mid yellowish grey silty clay	>29.30	>1.82	0.24
85	8503	layer		natural	yellowish grey clay	>29.30	>1.82	
86	8601	layer		topsoil	mid greyish brown sandy clay	>30.07	>2.11	0.29
86	8602	layer		natural	mottled greyish brown with blue, yellow and chalk flecking	>30.07	>2.11	
87	8701	layer		topsoil	mid greyish brown sandy clay	>31.58	>2.15	0.33
87	8702	layer		natural	mottled yellowish brown clay	>31.58	>2.15	
88	8801	layer		topsoil	mid greyish brown silt	>28.98	>1.80	0.32
88	8802	layer		subsoil	dark brownish orange clay	>28.98	>1.80	0.19
88	8803	layer		subsoil	dark brownish black sandy clay	>28.98	>1.80	0.18
88	8804	layer		natural	dark reddish brown clay with sub-angular stone	>28.98	>1.80	
89	8901	layer		topsoil	mid greyish brown sandy clay	>31.20	>2.10	0.27
89	8902	layer		natural	mid orangey brown clay	>31.20	>2.10	
90	9001	layer		topsoil	mid greyish brown sandy clay	>31.60	>2.19	0.23
90	9002	layer		subsoil	mid orangey brown sandy clay	>31.60	>2.19	0.21
90	9003	layer		natural	mottled reddish brown clay with angular stone and flecking	>31.60	>2.19	
91	9101	layer		topsoil	mid greyey brown silty clay	>30.53	>2.08	0.23
91	9102	layer		subsoil	mid orangey brown silty sand with sub-angular pebbles	>30.53	>2.08	0.08
91	9103	layer		natural	mid orangey red silty clay with medium angular limestone	>30.53	>2.08	
92	9201	layer		topsoil	mid greyish brown sandy clay	>30.39	>2.02	0.19
92	9202	layer		natural	reddish grey clay with stone flecking	>30.39	>2.02	
93	9301	layer		topsoil	mid greyish brown clayey silt	>30.00	>2.00	0.2
93	9302	layer		subsoil	mid brown clayey silt	>30.00	>2.00	0.18
93	9303	layer		natural	mid greyish brown clay with stones	>30.00	>2.00	
93	9304	void	void	void	void			
93	9305	void	void	void	void			
94	9401	layer		topsoil	mid orangey brown sandy clay	>29.40	>2.0	0.2
94	9402	layer		subsoil	mid orange brown sandy clay	>29.40	>2.0	0.1
94	9403	layer		natural	light greyish brown clay with orangey brown patches and pebbles	>29.40	>2.0	
95	9501	layer		topsoil	mid greyish brown sandy clay	>27.90	>1.80	0.3
95	9502	layer		natural	light brownish yellow silt with limestone	>27.90	>1.80	
96	9601	layer		topsoil	mid greyish brown silt	>29.50	>1.80	0.27
96	9602	layer		subsoil	dark brownish orange clay with sub-angular stone	>29.50	>1.80	0.31
96	9603	layer		natural	light brownish orange clay with sub-angular stone	>29.50	>1.80	
97	9701	layer		topsoil	greyish brown silty clay	>30.10	>2.02	0.28
97	9702	layer		natural	mottled orangey grey silty clay with sub-angular limestone	>30.10	>2.02	
98	9801	layer		topsoil	mid reddish brown silty clay	>30.00	>2.01	0.38

98	9802	layer		natural	mid brownish grey with small sub-angular limestone	>30.00	>2.01	
99	9901	layer		topsoil	mid reddish brown silty clay	>30.00	>2.00	0.27
99	9902	layer		natural	mid brownish yellow silty clay with sub-angular limestone	>30.00	>2.00	
100	10001	layer		topsoil	mid brownish grey silty clay	>29.70	>1.83	0.37
100	10002	layer		subsoil	mid yellowish grey clay	>29.70	>1.83	0.11
100	10003	layer		natural	mid brownish grey clay with stone	>29.70	>1.83	
101	10101	layer		topsoil	mid brownish grey silty clay	>29.80	>1.83	0.29
101	10102	layer		subsoil	mid greyish brown clayey silt	>29.80	>1.83	0.19
101	10103	layer		natural	mid brownish grey clay with stone	>29.80	>1.83	
102	10201	layer		topsoil	mid greyish brown sandy clay	>31.58	>2.08	0.21
102	10202	layer		natural	mid reddish brown clay with angular stone	>31.58	>2.08	
103	10301	layer		topsoil	mid brownish grey silty clay	>30.90	>2.17	0.32
103	10302	layer		subsoil	mid greyish brown silty clay	>30.90	>2.17	0.11
103	10303	layer		natural	mid brownish grey clay	>30.90	>2.17	
104	10401	layer		topsoil	mid greyish brown sandy clay	>29.48	>2.04	0.17
104	10402	layer		natural	mottled greyish brown clay with angular stone	>29.48	>2.04	
105	10501	layer		topsoil	mid orangey brown sandy clay	>34.00	>1.90	0.45
105	10502	layer		subsoil	mid orangey brown sandy clay	>34.00	>1.90	0.1
105	10503	layer		natural	reddish brown clay	>34.00	>1.90	
106	10601	layer		topsoil	dark yellowish brown silty clay	>32.43	>2.06	0.33
106	10602	layer		natural	mottled reddish grey silty clay	>32.43	>2.06	
107	10701	layer		topsoil	mid yellowish brown silty clay	>29.92	>2.08	0.48
107	10702	layer		natural	mid greyish yellow clay with sub angular sandstone	>29.92	>2.08	
108	10801	layer		topsoil	mid reddish brown silty clay	>31.80	>2.08	0.28
108	10802	layer		subsoil	mid brownish yellow silty sandy clay	>31.80	>2.08	0.08
108	10803	layer		natural	mid orangey brown silty clay with sub angular limestone	>31.80	>2.08	
109	10901	layer		topsoil	mid brownish grey silty clay	>29.90	>1.80	0.37
109	10902	layer		subsoil	mid greyish brown clay	>29.90	>1.80	0.09
109	10903	layer		natural	mid grey clay with stone	>29.90	>1.80	
110	11001	layer		topsoil	mid brown silty clay	>31.05	>2.05	0.38
110	11002	layer		natural	mid greyish yellow clay with sub angular sandstone	>31.05	>2.05	
111	11101	layer		topsoil	mid greyish brown silty clay	>29.85	>2.08	0.34
111	11102	layer		natural	mottled brownish grey clay with sub-angular stone	>29.85	>2.08	
112	11201	layer		topsoil	mid brownish grey silty clay	>30.15	>1.82	0.21
112	11202	layer		subsoil	mid yellowish grey clay	>30.15	>1.82	0.14
112	11203	layer		natural	mid brownish grey clay with stone	>30.15	>1.82	
113	11301	layer		topsoil	mid orangey brown clay	>30.25	>1.98	0.28
113	11302	layer		natural	mid brown grey silty clay with sub-angular limestone	>30.25	>1.98	
114	11401	layer		topsoil	mid orangey brown sandy clay	>28.50	>2.00	0.18
114	11402	layer		subsoil	mid orangey brown sandy clay	>28.50	>2.00	0.2
114	11403	layer		natural	light greyish brown clay with angular stone	>28.50	>2.00	
115	11501	layer		topsoil	mid greyish brown sandy clay	>32.43	>2.10	0.36
115	11502	layer		natural	mid reddish brown clay with chalk flecks	>32.43	>2.10	
116	11601	layer		topsoil	mid reddish brown silty clay with sub-angular sandstone	>30.15	>2.01	0.35
116	11602	layer		natural	brownish green silty clay	>30.15	>2.01	
117	11701	layer		topsoil	mid grey brown sandy clay	>31.04	>2.36	0.24
117	11702	layer		subsoil	mid grey brown clay	>31.04	>2.36	0.11

117	11703	layer		natural	mid reddish brown clay with angular stone	>31.04	>2.36	
118	11801	layer		topsoil	mid orangey brown sandy clay	>27.00	>2.00	0.25
118	11802	layer		subsoil	mid orangey brown sandy clay	>27.00	>2.00	0.15
118	11803	layer		natural	light brown clay with large pebbles	>27.00	>2.00	
119	11901	layer		topsoil	mid reddish grey silty clay	>29.95	>1.95	0.38
119	11902	layer		natural	orangey bluey silty clay with sub-angular stone	>29.95	>1.95	
120	12001	layer		topsoil	mid brownish grey silty clay	>30.20	>1.80	0.36
120	12002	layer		subsoil	mid greyish brown clay	>30.20	>1.80	0.19
120	12003	layer		subsoil	mid greyish brown silty clay	>30.20	>1.80	0.15
120	12004	layer		natural	mid brown clay with red patches	>30.20	>1.80	
121	12101	layer		topsoil	mid greyish brown clayey silt	>30.80	>2.00	0.29
121	12102	layer		subsoil	mid brown clayey silt	>30.80	>2.00	0.18
121	12103	layer		natural	mid blueish grey clay	>30.80	>2.00	
122	12201	layer		topsoil	mid orangey brown sandy clay	>30.00	>1.90	0.34
122	12202	layer		subsoil	orangey brown sandy clay	>30.00	>1.90	0.14
122	12203	layer		natural	light blueish grey clay	>30.00	>1.90	
123	12301	layer		topsoil	mid greyish brown silty clay	>30.10	>1.80	0.41
123	12302	layer		subsoil	mid brownish grey clay	>30.10	>1.80	0.17
123	12303	layer		natural	mid grey clay with red patches	>30.10	>1.80	
124	12401	layer		topsoil	mid greyish brown silt	>29.20	>2.00	0.23
124	12402	layer		subsoil	mid brown clayey silt	>29.20	>2.00	0.14
124	12403	layer		natural	mid bluish brown clay	>29.20	>2.00	
125	12501	layer		topsoil	mid greyish brown clayey silt	>31.60	>2.00	0.26
125	12502	layer		natural	mid brown silty clay with grey patches	>31.60	>2.00	
126	12601	layer		topsoil	mid greyish brown sandy clay	>30.19	>2.05	0.3
126	12602	layer		subsoil	mid reddish brown silty clay	>30.19	>2.05	0.14
126	12603	layer		subsoil	mid yellowish brown clay with chalk flecking	>30.19	>2.05	0.12
126	12604	layer		natural	mottled mid blueish grey silty clay with angular stone and chalk flecking	>30.19	>2.05	
127	12701	layer		topsoil	mid greyish brown clayey silt	>31.00	>2.00	0.3
127	12702	layer		subsoil	mid brown clayey silt	>31.00	>2.00	0.22
127	12703	layer		natural	mid blueish grey clay	>31.00	>2.00	
128	12801	layer		topsoil	mid orangey brown clayey sand	>28.98	>2.08	0.32
128	12802	layer		subsoil	mid brownish orange sandy clay	>28.98	>2.08	0.16
128	12803	layer		natural	mid orangish red sandy clay	>28.98	>2.08	
128	12804	cut		gully	linear in plan, shallow steep sided, north/south aligned	>2.00	1.61	0.19
128	12805	fill	12804	fill of gully	mid brown clayey silt	>2.00	1.61	0.19
129	12901	layer		topsoil	mid orangey brown sandy clay	>30.00	>2.00	0.2
129	12902	layer		subsoil	orangey brown sandy clay	>30.00	>2.00	0.2
129	12903	layer		natural	light blueish grey clay with sub-angular pebbles	>30.00	>2.00	
130	13001	layer		topsoil	mid reddish brown silty clay	>29.89	>2.08	0.32
130	13002	layer		subsoil	mid yellowish brown clay	>29.89	>2.08	0.09
130	13003	layer		natural	yellowish blue silty clay with limestone	>29.89	>2.08	
131	13101	layer		topsoil	mid greyish brown clayey silt	>30.00	>2.00	0.27
131	13102	layer		subsoil	mid reddish brown silt	>30.00	>2.00	0.16
131	13103	layer		natural	mid brownish silty clay with grey patches	>30.00	>2.00	
132	13200	layer		topsoil	mid brownish grey silty clay	>30.00	>2.00	0.27
132	13201	layer		subsoil	mid greyish brown silty clay	>30.00	>2.00	0.11
132	13202	layer		natural	light blueish grey silty clay with mudstone	>30.00	>2.00	
133	13301	layer		topsoil	light greyish red clayey sand	>30.08	>2.02	0.3

133	13302	layer		subsoil	mid brownish red sandy clay	>30.08	>2.02	0.11
133	13303	layer		natural	brownish red sandy clay	>30.08	>2.02	
134	13401	layer		topsoil	reddish brown sandy clay	>29.45	>2.19	0.33
134	13402	layer		subsoil	reddish orange clayey sand	>29.45	>2.19	0.17
134	13403	layer		natural	brownish orange sandy clay with limestone	>29.45	>2.19	
135	13501	layer		topsoil	mid brownish grey silty clay	>29.70	>1.80	0.26
135	13502	layer		subsoil	mid reddish brown clay	>29.70	>1.80	0.23
135	13503	layer		natural	mid brownish grey clay with red patches	>29.70	>1.80	
136	13601	layer		topsoil	brownish grey silty clay	>30.10	>1.80	0.29
136	13602	layer		subsoil	mid brownish silty clay	>30.10	>1.80	0.32
136	13603	layer		natural	mid yellowish grey clay	>30.10	>1.80	
136	13604	cut		modern pit	linear in plan, shallow steep sided, east/west aligned	>1.80	7	>0.30
136	13605	fill	13604	fill of modern pit	mid brown silty clay	>1.80	7	>0.30
137	13700	layer		topsoil	mid brownish grey silty clay	>30.00	>2.00	0.31
137	13701	layer		subsoil	mid greyish brown silty clay	>30.00	>2.00	0.23
137	13702	layer		natural	light yellowish grey silty clay	>30.00	>2.00	
138	13801	layer		topsoil	mid greyish brown clayey silt	>30.40	>1.80	0.26
138	13802	layer		subsoil	mid reddish brown clayey silt	>30.40	>1.80	0.22
138	13803	layer		natural	mid yellowish grey with red patches and stone	>30.40	>1.80	
139	13901	layer		topsoil	light greyish red clayey sand	>30.42	>2.08	0.31
139	13902	layer		subsoil	mid brownish red sandy clay	>30.42	>2.08	0.11
139	13903	layer		natural	brownish red sandy clay with limestone	>30.42	>2.08	
139	13904	void	void	void	void			
139	13905	void	void	void	void			
140	14001	layer		topsoil	mid greyish brown silty clay	>30.10	>2.00	0.23
140	14002	layer		subsoil	mid greyish brown silty clay	>30.10	>2.00	0.11
140	14003	layer		natural	light greyish brown silty clay	>30.10	>2.00	
141	14101	layer		topsoil	mid greyish brown clayey silt	>29.60	>2.00	0.23
141	14102	layer		subsoil	mid reddish brown silt	>29.60	>2.00	0.15
141	14103	layer		subsoil	mid brown silty clay with grey patches	>29.60	>2.00	0.18
141	14104	layer		subsoil	mid greyish brown clay	>29.60	>2.00	0.4
141	14105	layer		natural	mid brownish grey clay	>29.60	>2.00	
142	14200	layer		topsoil	mid brownish grey silty clay	>29.10	>2.00	0.21
142	14201	layer		subsoil	mid greyish brown silty clay	>29.10	>2.00	0.13
142	14202	layer		colluvium	mid greyish brown silty clay	>29.10	>2.00	0.11
142	14203	layer		natural	light yellowish grey silty clay with mudstone	>29.10	>2.00	
143	14301	layer		topsoil	mid greyish brown silty clay	>30.00	>1.90	0.23
143	14302	layer		subsoil	light yellowish brown silty clay	>30.00	>1.90	0.11
143	14303	layer		colluvium	light yellowish brown silty clay	>30.00	>1.90	0.11
143	14304	layer		natural	light yellowish brown silty clay with mudstone	>30.00	>1.90	
144	14400	layer		topsoil	mid brownish grey silty clay	>29.20	>2.00	0.18
144	14401	layer		subsoil	mid greyish brown silty clay	>29.20	>2.00	0.12
144	14402	layer		colluvium	mid greyish brown clayey silt	>29.20	>2.00	0.26
144	14403	layer		colluvium	mid greyish brown silty clay	>29.20	>2.00	0.33
144	14404	layer		colluvium	mid greyish brown silty clay with yellow patches	>29.20	>2.00	0.18
144	14405	layer		natural	light yellowish brown silty clay with mudstone	>29.20	>2.00	
144	14406	cut		modern quarry pit	steep concave edges	>2.00	>1.70	>0.60
144	14407	fill	14406	1st fill of modern quarry pit	light greyish brown silty clay with charcoal flecking and mudstone fragments		>1.20	>0.60

144	14408	fill	14406	2nd fill of modern quarry pit	light greyish yellow clay		>1.13	>0.58
145	14500	layer		topsoil	mid brownish grey silty clay	>29.30	>2.00	0.29
145	14501	layer		subsoil	mid greyish brown silty clay	>29.30	>2.00	0.11
145	14502	layer		natural	light yellowish brown silty clay	>29.30	>2.00	
146	14601	layer		topsoil	mid greyish brown silty clay	>29.50	>2.00	0.23
146	14602	layer		subsoil	light greyish brown silty clay	>29.50	>2.00	0.06
146	14603	layer		natural	light yellowish brown silty clay	>29.50	>2.00	
147	14701	layer		topsoil	mid greyish brown silty clay	>29.50	>2.00	0.26
147	14702	layer		subsoil	mid brown silty clay	>29.50	>2.00	0.11
147	14703	layer		natural	mid yellowish grey clay with blue patches	>29.50	>2.00	
147	14704	cut		gully	linear in plan, shallow steep sided, west-north-west/east-south-east aligned	>2.00	2	0.34
147	14705	fill	14704	fill of gully	mid brown silty clay		2	0.34
148	14800	layer		topsoil	mid brownish grey silty clay	>30.20	>2.10	0.27
148	14801	layer		subsoil	mid greyish brown silty clay with mudstone	>30.20	>2.10	0.15
148	14802	layer		natural	light yellowish brown silty clay with mudstone	>30.20	>2.10	
149	14901	layer		topsoil	mid brown silty clay	>30.00	>2.00	0.3
149	14902	layer		subsoil	mid reddish brown silty clay	>30.00	>2.00	0.15
149	14903	layer		natural	yellowish grey clay	>30.00	>2.00	
150	15001	layer		topsoil	mid brown clayey silt	>28.00	>2.00	0.34
150	15002	layer		subsoil	greyish brown silty clay	>28.00	>2.00	0.32
150	15003	layer		colluvium	greyish brown silty clay	>28.00	>2.00	0.17
150	15004	layer		natural	yellowish brown silty clay with grey patches	>28.00	>2.00	
151	15101	layer		topsoil	mid brownish grey silty clay	>29.00	>2.00	0.29
151	15102	layer		subsoil	mid greyish brown silty clay	>29.00	>2.00	0.18
151	15103	layer		subsoil	mid greyish brown silty clay	>29.00	>2.00	0.15
151	15104	layer		natural	yellowish grey silty clay	>29.00	>2.00	
151	15105	cut		modern pit	straight vertically sided	>2.50	>2.00	>0.39
151	15106	fill	15105	fill of modern pit	mid yellowish brown clayey silt	>2.50	>2.00	>0.39
152	15200	layer		topsoil	brownish grey silty clay	>29.50	>2.50	0.32
152	15201	layer		subsoil	mid yellowish brown silty clay	>29.50	>2.50	0.24
152	15202	layer		natural	yellowish brown silty clay with mudstone	>29.50	>2.50	
153	15300	layer		topsoil	mid brownish grey silty clay	>33.10	>1.60	0.21
153	15301	layer		subsoil	mid greyish brown silty clay	>33.10	>1.60	0.18
153	15302	layer		natural	brownish yellow clayey silt	>33.10	>1.60	
154	15401	layer		topsoil	mid brown silty clay	>30.00	>2.00	0.29
154	15402	layer		subsoil	mid yellowish brown stoney silt	>30.00	>2.00	0.08
154	15403	layer		natural	mudstone with sandy gravel	>30.00	>2.00	
155	15500	layer		topsoil	mid brown silty clay	>30.50	>1.70	0.23
155	15501	layer		subsoil	mid brown silty clay	>30.50	>1.70	0.14
155	15502	layer		colluvium	mid grey brown silty clay	>30.50	>1.70	0.21
155	15503	layer		colluvium	mid grey brown silty clay with ironstone	>30.50	>1.70	0.13
155	15504	layer		colluvium	mid yellowish brown silty clay	>30.50	>1.70	0.15
155	15505	layer		colluvium	greyish brown clayey silt	>30.50	>1.70	0.22
155	15506	layer		colluvium	greyish brown clayey silt	>30.50	>1.70	0.18
155	15507	layer		natural	yellowish grey silty clay with mudstone	>30.50	>1.70	
156	15601	layer		topsoil	mid brown silty clay	>26.00	>2.00	0.27
156	15602	layer		subsoil	light reddish brown silty clay	>26.00	>2.00	0.1
156	15603	layer		colluvium	dark reddish brown silty clay	>26.00	>2.00	0.65
156	15604	layer		colluvium	reddish brown silty clay	>26.00	>2.00	0.46
156	15605	layer		natural	yellowish clay with mudstone	>26.00	>2.00	

					patches			
157	15701	layer		topsoil	mid brown silty clay	>30.00	>2.00	0.26
157	15702	layer		subsoil	brown silty clay	>30.00	>2.00	0.1
157	15703	layer		colluvium	mid reddish brown silty clay	>30.00	>2.00	0.3
157	15704	layer		colluvium	reddish brown silty clay	>30.00	>2.00	0.2
157	15705	layer		natural	light yellowish grey with mudstone	>30.00	>2.00	
158	15801	layer		topsoil	mid greyish brown silty clay	>30.00	>2.00	0.36
158	15802	layer		subsoil	mid yellowish brown silty clay	>30.00	>2.00	0.22
158	15803	layer		colluvium	mid yellowish brown silty clay	>30.00	>2.00	0.15
158	15804	layer		colluvium	mid yellowish brown silty clay	>30.00	>2.00	0.15
158	15805	layer		natural	mid orangey grey with mudstone	>30.00	>2.00	
159	15901	layer		topsoil	mid brownish grey silty clay	>29.50	>1.90	0.18
159	15902	layer		subsoil	mid brownish yellow silty clay	>29.50	>1.90	0.26
159	15903	layer		natural	mid brownish yellow mudstone	>29.50	>1.90	
160	16001	layer		topsoil	mid greyish brown silty clay	>28.20	>1.80	0.28
160	16002	layer		natural	yellowish brown colluvium clay	>28.20	>1.80	
161	16101	layer		topsoil	mid greyish brown sandy clay	>29.58	>1.98	0.33
161	16102	layer		subsoil	mid yellowish brown clay	>29.58	>1.98	0.18
161	16103	layer		natural	mid bluish grey silty clay	>29.58	>1.98	

APPENDIX B: THE FINDS

Table 1: Finds concordance

Context	Description	Count	Weight (g)	Spot-date
U/S Tr1	Post-medieval pottery: white stoneware Post-medieval pottery: dark brown glazed fabric	1	7	C18-C19
U/S Tr3	Post-medieval pottery: glazed red earthenware Stone: roof tile?	3 3	47 787	C16-C18
U/S Tr8	Roman pottery: grey ware	1	22	RB
U/S Tr14	Post-medieval pottery: black glazed earthenware	2	18	C18-C19
U/S Tr15	Worked flint	1	3	-
U/S Tr16	Medieval pottery: Brill/Boarstall ware	1	1	C13-C14
U/S Tr17	Worked flint	1	2	-
U/S Tr20	Medieval pottery: Brill/Boarstall ware	1	5	C13-C14
U/S Tr54	Post-medieval pottery: English stoneware	1	10	C18-C19
U/S Tr55	Roman pottery: grey ware Medieval/Post-medieval ceramic building material: tile	1 1	2 42	Medieval/ Post-medieval
U/S Tr57	Post-medieval pottery: unglazed earthenware	1	7	Post-medieval
U/S Tr69	Post-medieval pottery: stoneware Shell	1 3	9 0	Post- Medieval?
U/S Tr77	Post-medieval pottery: English stoneware	1	20	C18-C19
206	Medieval pottery: shell-tempered fabric Fired clay	2 2	2 12	C12-C14
305	Post-medieval pottery: black glazed earthenware Post-medieval ceramic building material Stone: roof tile?	3 1 4	25 6 422	C18-C19
1605	Ceramic building material	1	21	RB/Medieval/ Post-medieval
1902	Worked flint	1	3	-
2509	Worked flint	1	0	Prehistoric
2701	Post-medieval glass: window and bottle	5	18	C18-C19
2905	Shell	1	4	-
4201	Post-medieval pottery: black glazed earthenware	1	56	C18-C19
4301	Post-medieval glass: bottle	1	13	LC17-C18
4403	Post-medieval glass: bottle	1	40	C18-C19
5101	Medieval pottery: Brill/Boarstall ware	1	30	C13-C14
5201	Post-medieval glass: bottle	1	28	C18-C19
6302	Post-medieval pottery: Raeren stoneware	1	66	C16-C17
6401	Medieval pottery: Brill/Boarstall ware	1	1	C13-C14
6902	Medieval pottery: Brill/Boarstall ware Post-medieval ceramic building material Ceramic building material Worked flint	1 2 1 1	3 10 0 1	Post-medieval
8101	Roman or medieval pottery: oxidised fabric Post-medieval pottery: Staffordshire combed slipware Ceramic building material	1 1 1	4 11 8	LC17-C18
12805	Medieval pottery: shell-tempered fabric	1	1	C12-C14
13605	Post-medieval pottery: black glazed earthenware	1	14	C18-C19
13902	Roman pottery: fine, sand-tempered fabric	1	5	RB?
14001	Medieval pottery: Brill/Boarstall ware	1	26	Medieval
15002	Lead pistol shot Fired clay Burnt slate?	1 1 2	7 0 1	Post-medieval

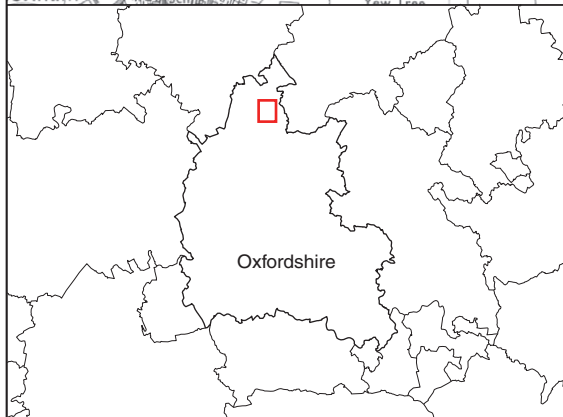
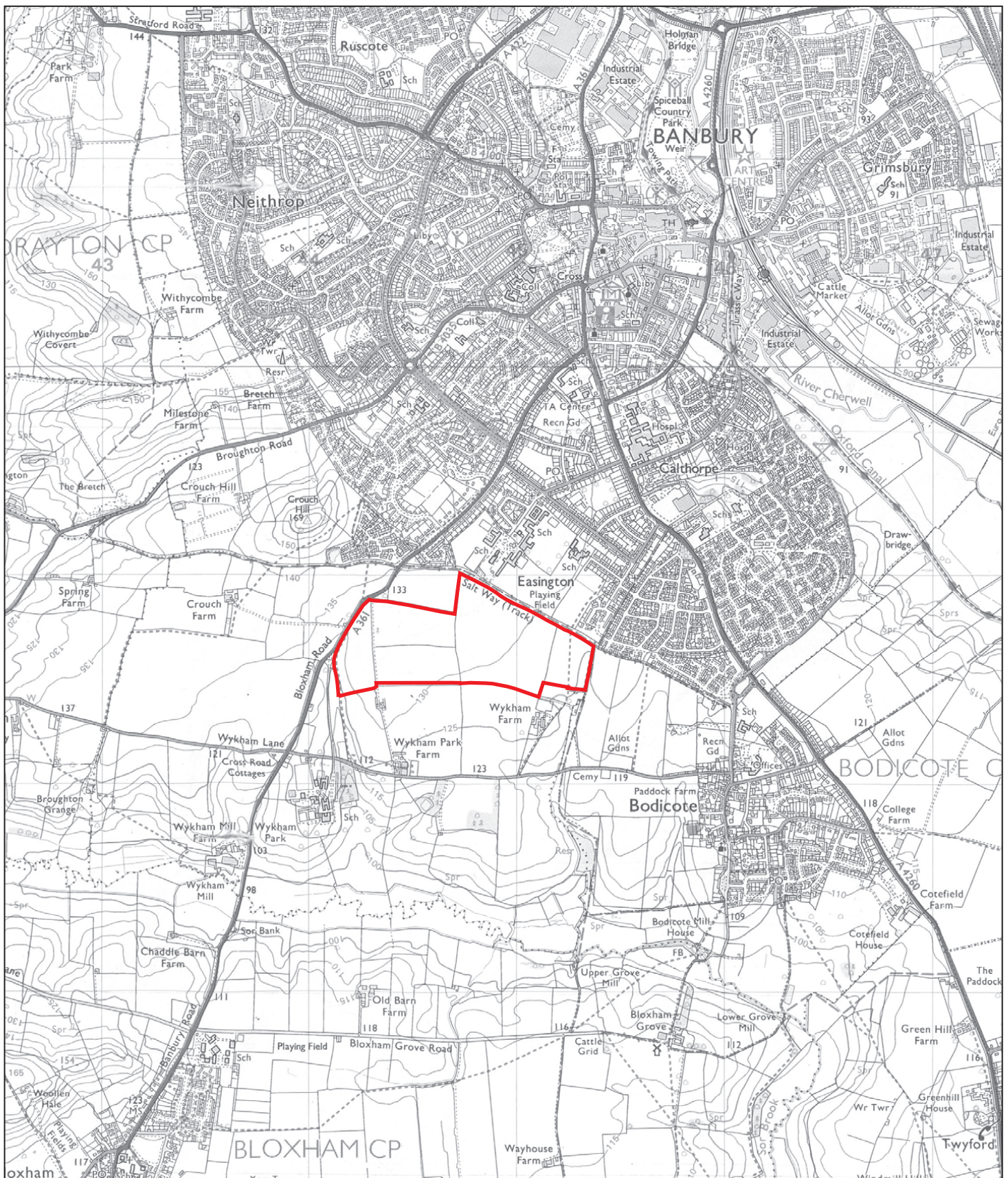
Table 2: Identified animal species by fragment count (NISP) and weight and context.

Context	BOS	O/C	LM	MM	Total	Weight (g)
5401	-	-	1	-	1	4
7701	1	-		-	1	11
208	1	-	1	-	2	117
903	-	-	-	1	1	3
3306	-	-	1	-	1	17
206	-	3	1	-	4	27
6912	-	1	-	-	1	10
15002	-	1	-	-	1	17
Total	2	5	4	1	12	206

BOS = Cattle; O/C = ovicaprid, LM= large sized mammal; MM = medium sized mammal

APPENDIX C: OASIS REPORT FORM

PROJECT DETAILS		
Project name	Wykham Park Farm, Banbury	
Short description	<p>Three areas of archaeological interest were identified, although only one of these could be dated with any certainty due to the lack of artefactual dating evidence. This was part of an Iron Age settlement, including parts of an enclosure ditch, which had previously been investigated by Cotswold Archaeology in a field adjacent to the site. There was no artefactual dating material from the current site but a small assemblage of pottery had been recovered from the adjacent evaluation, which dated the settlement to the Late Iron Age, with some of the pottery dating to as late as the mid-1st century AD. The other two areas consisted of a small enclosure near the northern edge of the site and a concentration of features in the south-east corner, which included a possible third enclosure and part of a possible Neolithic causewayed enclosure. They are undated, but were seen to predate the furrows of a medieval open field system. The remains of a medieval open field system, evident as largely ploughed out furrows, were recorded across the central and eastern part of the site. Other features included modern land drains and backfilled quarry pits. The evaluation demonstrated that many of the geophysical anomalies and cropmarks, including four possible ring ditches, were caused by changes in the composition of the geological substrate, which was highly variable across the site.</p>	
Project dates	20 August-17 September 2013	
Project type	Field evaluation	
Previous work	Environmental Statement (WA 2013)	
Future work	Unknown	
Monument type	Late Iron Age settlement, prehistoric ditches, possible causewayed enclosure, medieval furrows	
Significant finds	None	
PROJECT LOCATION		
Site location	Wykham Park Farm, Banbury, Oxfordshire	
Study area	c. 47.7ha	
Site co-ordinates	SP 4471 3869	
PROJECT CREATORS		
Name of organisation	Cotswold Archaeology (CA)	
Project Brief originator	-	
Project Design (WSI) originator	CA	
Project Manager	Simon Carlyle (CA)	
Project Supervisor	Dan Stone (CA)	
PROJECT ARCHIVE		
	Accession no: OXCMS: 2013.115	Content
Physical	Oxfordshire Museum Services	Pottery, animal bone, flint
Paper		Site records
Digital	Oxfordshire HER	Report, digital photos
BIBLIOGRAPHY		
CA (Cotswold Archaeology) 2013 <i>Wykham Park Farm, Banbury, Oxfordshire: Archaeological Evaluation</i> . CA typescript report 13581		



Cirencester 01285 771022
 Milton Keynes 01908 218320
 Andover 01264 326549
 www.cotswoldarchaeology.co.uk
 enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE

Wykham Park Farm, Banbury
 Oxfordshire

FIGURE TITLE

Site location plan

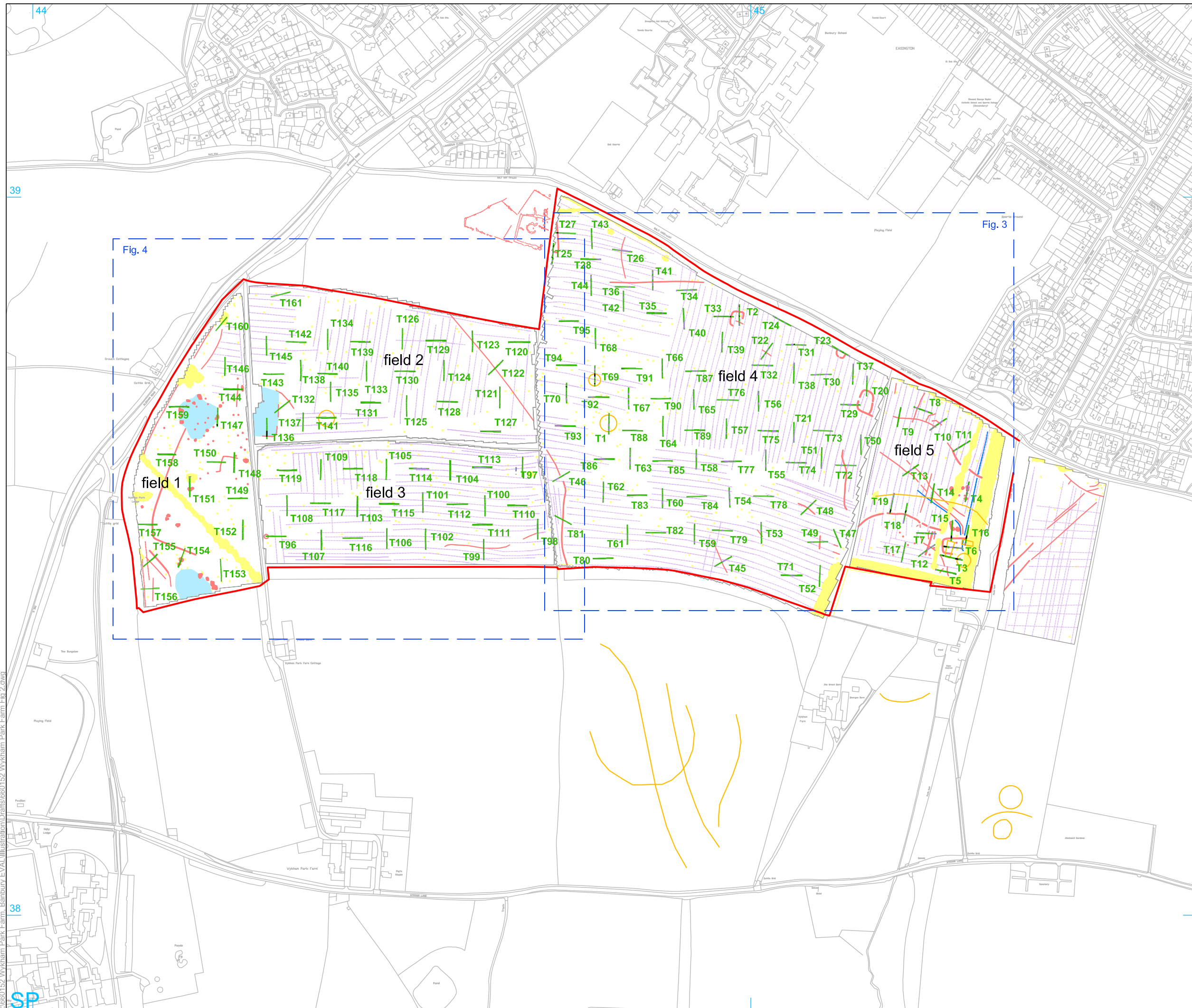


Reproduced from the 1999 Ordnance Survey Explorer map with the permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office © Crown copyright Cotswold Archaeology Ltd 100002109

PROJECT NO. 660152 DATE 25-09-2013
 DRAWN BY LG REVISION 00
 APPROVED BY LG SCALE@A4 1:25,000

FIGURE NO.

1



- site
- evaluation trench
- archaeology
- modern
- furrow
- possible cropmark visible on aerial photographs

- GEOPHYSICAL SURVEY RESULTS**
- positive magnetic anomaly
 - negative magnetic anomaly
 - dipolar magnetic anomaly
 - ▨ diffuse magnetic anomaly
 - ridge and furrow



Reproduced from the Ordnance Survey Digital mapping with the permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office © Crown copyright Cotswold Archaeology Ltd 100002109.

Cotswold Archaeology
 Cirencester 01285 771022
 Milton Keynes 01908 218320
 Andover 01264 326549
 www.cotswoldarchaeology.co.uk
 enquiries@cotswoldarchaeology.co.uk

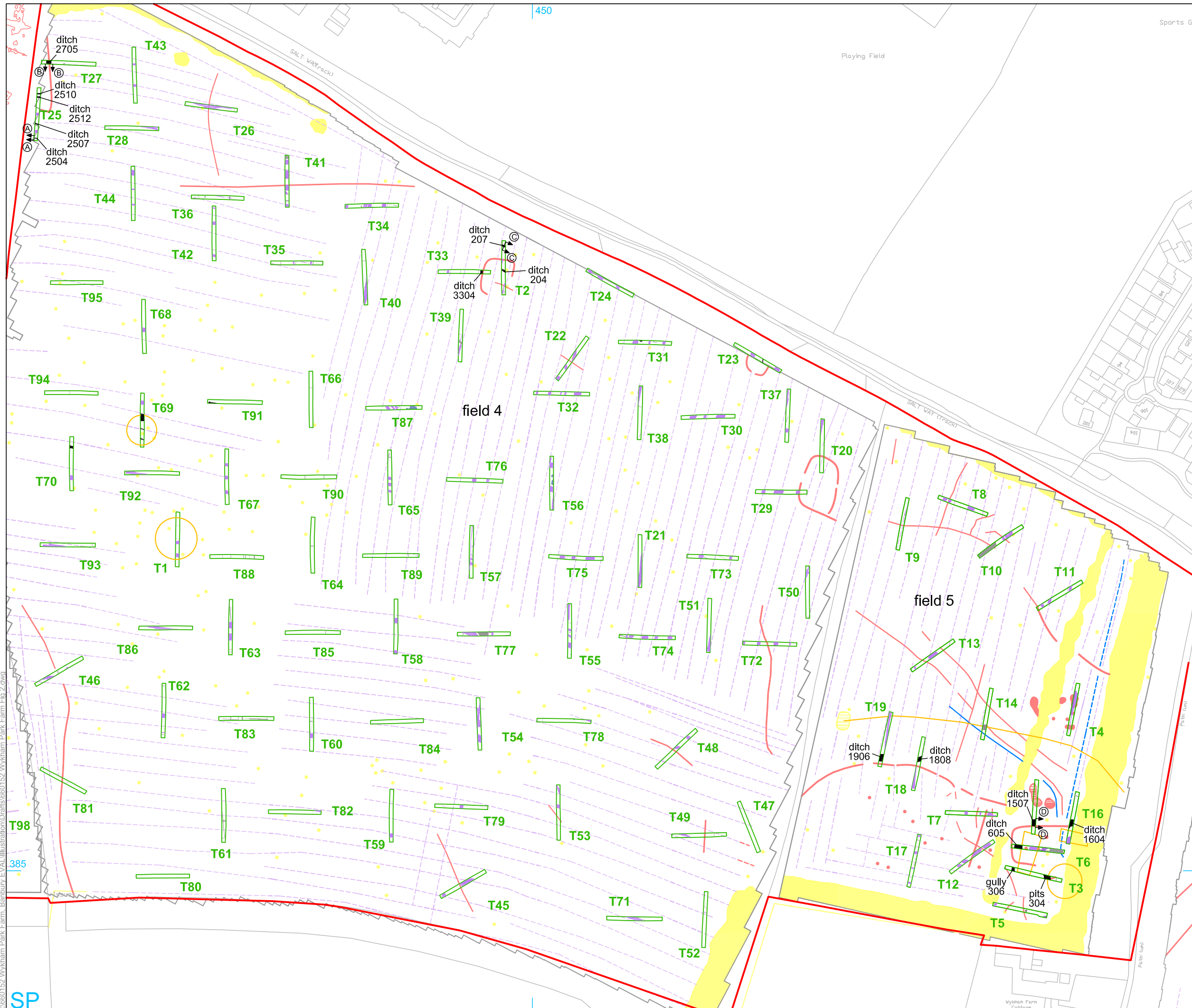
PROJECT TITLE
 Wykham Park Farm, Banbury
 Oxfordshire

FIGURE TITLE
 Trench location plan, showing
 archaeological features, geophysical
 survey results and cropmarks

PROJECT NO.	660152	DATE	24-09-2013	FIGURE NO.	
DRAWN BY	LG	REVISION	00		
APPROVED BY	LG	SCALE@A3	1:5000		2

P:\660152 Wykham Park Farm, Banbury EVAL\Illustration\Drafts\660152 Wykham Park Farm Fig 2.dwg





- site
- evaluation trench
- archaeology
- modern
- furrow
- possible cropmark visible on aerial photographs

- GEOPHYSICAL SURVEY RESULTS**
- positive magnetic anomaly
 - negative magnetic anomaly
 - dipolar magnetic anomaly
 - ▨ diffuse magnetic anomaly
 - ridge and furrow

0 100m

Reproduced from the Ordnance Survey Digital mapping with the permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office © Crown copyright Cotswold Archaeology Ltd 100002109.

 Cirencester 01285 771022
 Milton Keynes 01908 218320
 Andover 01264 326549
 www.cotswoldarchaeology.co.uk
 enquiries@cotswoldarchaeology.co.uk

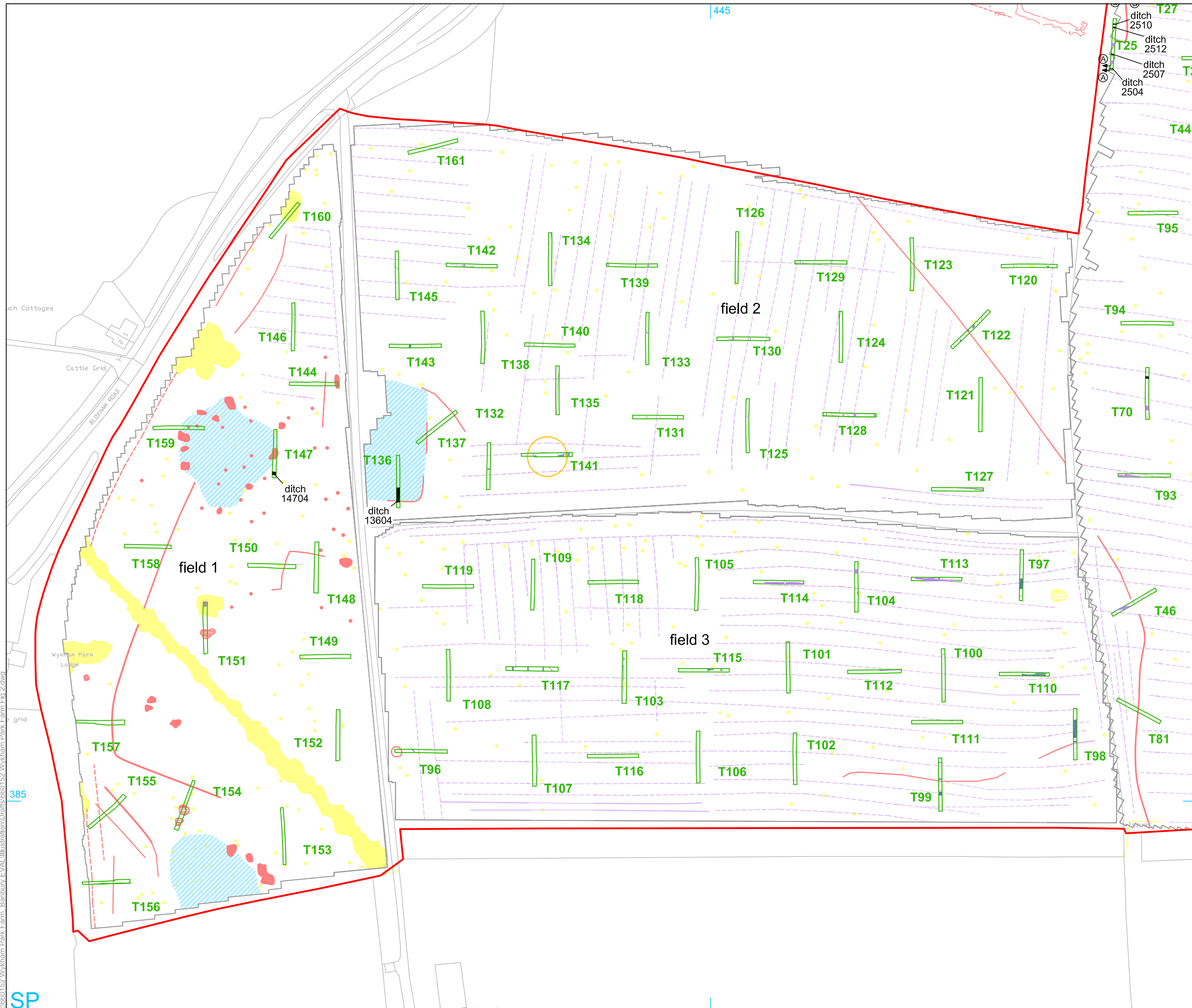
PROJECT TITLE
 Wykham Park Farm, Banbury
 Oxfordshire

FIGURE TITLE
 Eastern area, showing archaeological
 features, geophysical survey results
 and cropmarks

PROJECT NO.	660152	DATE	24-09-2013	FIGURE NO.
DRAWN BY	LG	REVISION	00	3
APPROVED BY	LG	SCALE@A3	1:2000	

P:\660152 Wykham Park Farm, Banbury\EVAL\Illustration\Drawings\660152 Wykham Park Farm Fig 2.dwg





- site
- evaluation trench
- archaeology
- modern
- furrow
- possible cropmark visible on aerial photographs

- GEOPHYSICAL SURVEY RESULTS**
- positive magnetic anomaly
 - negative magnetic anomaly
 - dipolar magnetic anomaly
 - ▨ diffuse magnetic anomaly
 - ridge and furrow



Reproduced from the Ordnance Survey Digital mapping with the permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office © Crown copyright Cotswold Archaeology Ltd 100002109.

Cotswold Archaeology
 Cirencester 01285 771022
 Milton Keynes 01908 218320
 Andover 01264 326549
 www.cotswoldarchaeology.co.uk
 enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
 Wykham Park Farm, Banbury
 Oxfordshire

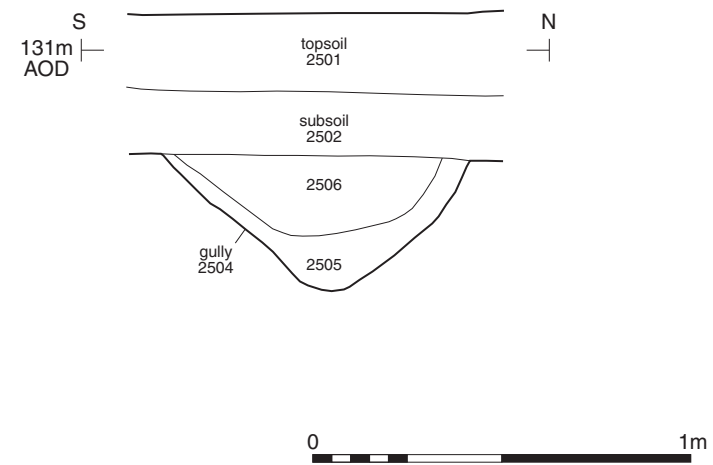
FIGURE TITLE
 Western Area, showing archaeological features, geophysical survey results and cropmarks

PROJECT NO.	660152	DATE	24-09-2013	FIGURE NO.
DRAWN BY	LG	REVISION	00	4
APPROVED BY	LG	SCALE@A3	1:2000	

P:\660152 Wykham Park Farm, Banbury EVAL\Illustration\Drawings\660152 Wykham Park Farm Fig 2.dwg



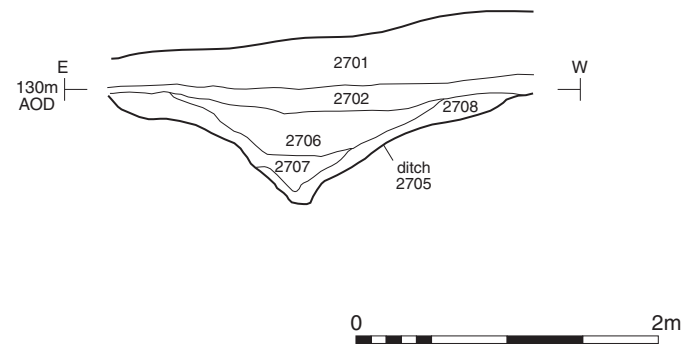
Trench 25; section AA



View of gully 2504, looking west (scale 1m)



Trench 27; section BB

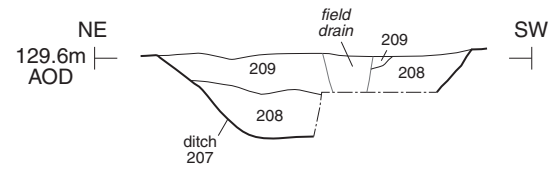


View of Trench 27, looking west (scales 1m)





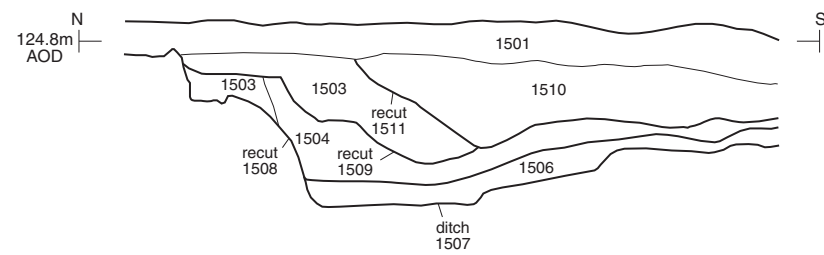
Trench 2; section CC



View of ditch 207, looking south-east (scale 1m)



Trench 15; section DD



View of ditch 1507, looking east (scales 1m)




Cotswold Archaeology
 Cirencester 01285 771022
 Milton Keynes 01908 218320
 Andover 01264 326549
 www.cotswoldarchaeology.co.uk
 enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
 Wykham Park Farm, Banbury
 Oxfordshire

FIGURE TITLE
Trench 2: section and photograph
Trench 15: section and photograph

PROJECT NO.	660152	DATE	24-09-2013	FIGURE NO.
DRAWN BY	LG	REVISION	00	6
APPROVED BY	LG	SCALE@A3	1:50	