South West Milton Keynes

Updated Environmental Statement Volume 2 - Appendices

Carter Jonas LLP

MAY 2020

APPENDIX 5.3:

ARCHAEOLOGICAL EVALUATION (COTSWOLD ARCHAEOLOGY JULY 2013)

Cotswold Archaeology

South-West Milton Keynes
Buckinghamshire

Archaeological Evaluation

for

CgMs Consulting

CA Project: 660131
CA Report: 13464

July 2013

South-West Milton Keynes
Buckinghamshire

Archaeological Evaluation

CA Project: 660131
CA Report: 13464

prepared by date	Derek Evans, Senior Project Officer 17 July 2013
checked by date	
approved by signed date	Simon Carlyle, Principal Fieldwork Manager 17 July 2013
issue	01

Cirencester	**Milton Keynes**	**Andover**
Building 11 Kemble Enterprise Park Kemble, Cirencester Gloucestershire, GL7 6BQ **t.** 01285 771022 **f.** 01285 771033	Unit 4 Cromwell Business Centre Howard Way, Newport Pagnell MK16 9QS **t.** 01908 218320	Office 49 Basepoint Business Centre Caxton Close, Andover Hampshire, SP10 3FG **t.** 01264 326549
e. enquiries@cotswoldarchaeology.co.uk		

CONTENTS

LIST OF ILLUSTRATIONS

SUMMARY

Project Name:	South-West Milton Keynes
Location:	Far Bletchley, Milton Keynes, Buckinghamshire
NGR:	SP 8320 3220
Type:	Evaluation
Date:	20 May–19 June 2013
Location of Archive:	Buckinghamshire County Museum
Accession Number:	AYBCM: 2013.23
Site Code:	SWM 13

An archaeological evaluation was undertaken by Cotswold Archaeology in May–June 2013 on land south-west of Milton Keynes, Buckinghamshire. Seventy-three trenches were excavated.

The evaluation recorded numerous well-preserved, substantial archaeological features at the site. Relatively large quantities of pottery were recovered. There were four main areas of activity, which contained numerous enclosures and associated features. These spanned the Iron Age/Roman transitional period into the 4th century AD.

Trenches excavated adjacent to the old line of the A421 (Standing Way) and Weasel Lane recorded no archaeological remains associated with these ancient routes, and there was no evidence for further burials associated with a Saxon cemetery previously excavated at Bottle Dump Roundabout.

There was a generally high concordance between the results of the evaluation results and a previous geophysical survey, although there were some discrepancies.

1. INTRODUCTION

1.1 Throughout May and June 2013, Cotswold Archaeology (CA) carried out an archaeological evaluation for CgMs Consulting on a block of farmland to the south-west of Far Bletchley, Milton Keynes, Buckinghamshire (site centred on NGR: SP 8320 3220; Fig. 1). The evaluation was undertaken to support a planning application for the development of the site.

1.2 The evaluation forms part of a wider programme of archaeological work carried out at the site. Previous phases have included a desk-based assessment (CgMs 2008), a geophysical survey (Stratascan 2008) and an Environmental Impact Assessment (CgMs 2010).

1.3 The evaluation was carried out on the advice of Sandy Kidd, former County Archaeologist for Buckinghamshire County Archaeological Service (BCAS), archaeological advisors to the Local Planning Authority (LPA). The work accorded with a subsequent detailed *Written Scheme of Investigation* (WSI) produced by CA (2013) and approved by Sandy Kidd. The fieldwork also followed the *Standard and Guidance for Archaeological Field Evaluation* (IfA 2008), *Management of Archaeological Projects 2* (English Heritage 1991) and *Management of Research Projects in the Historic Environment (MoRPHE): Project Manager's Guide* (English Heritage 2006). The fieldwork was monitored by Bill Boismier, Planning Archaeologist, BCAS, with site visits being made on 23 May, 4 June, 11 June and 17 June 2013.

The site

1.4 The evaluation site encloses an area of approximately 120ha and comprises agricultural land just outside of the south-western limits of Far Bletchley, Milton Keynes (Figs. 1 and 2). The site is bounded to the north by the former route of the A421 (which survives as an access track south of the modern A421 dual carriageway), to the west by Whaddon Road, to the east by residential properties and to the south by a disused railway line. The site is bisected by a trackway, Weasel Lane, which crosses the site from north-east to south-west.

1.5 The land within the site is gently undulating farmland which displays a general rise to the north, although Weasel Lane follows a ridge through the site.

1.6 The bedrock geology of the area is recorded as Jurassic mudstone of the Oxford Clay Formation. This is overlain by superficial deposits of Mid Pleistocene Till (BGS *Geology of Britain Viewer* website).

Archaeological background

1.7 The following section is synthesised and summarised from the desk-based assessment (CgMs 2008), the Environmental Impact Assessment (CgMs 2010) and the geophysical survey report (Stratascan 2008).

Prehistoric (pre–AD 43)

1.8 A possibly prehistoric enclosure and ring-ditch are visible as crop marks in the north-eastern corner of the site.

1.9 A number of worked flint tools have been found in the region of the site. Archaeological work at Tattenhoe Park, which lies to the northern side of the A421, recorded the remains of an extensive Middle to Late Iron Age settlement.

1.10 Other recent work in the vicinity of Milton Keynes suggests that known prehistoric sites may be under-represented in the historic environment record and that the area was more widely settled and farmed than previously thought.

Roman (AD 43–410)

1.11 Recorded evidence suggests widespread Roman settlement and farming activity throughout the area of the site.

1.12 The A421 follows the route of a Roman road running from the small town of *Magiovinium* (Fenny Stratford) to Alcester.

1.13 A geophysical survey to the west of the site recorded an area of possible Roman settlement and a possible Roman kiln/hearth. A small Roman settlement or farmstead was also recorded to the north of the site, at Snellshall East. Roman pottery has been recovered to the west and south-east of the site.

Early medieval (AD 410–1066)

1.14 The site lies outside of the historic village centres in the area. However, archaeological works at Bottle Dump Roundabout (to the immediate north-west of

the site) identified five adult inhumations burials containing a range of grave goods dating to the 6th and 7th centuries AD.

Medieval (AD 1066–1539) and post-medieval (AD 1539–1800)

1.15 There is aerial photographic evidence for ridge and furrow at the site, indicating that it was farmed in the medieval period. Cartographic sources show that the site continued in agricultural use through the post-medieval period until the present day.

1.16 The antiquity of Weasel Lane is uncertain, but it appears to be a drove way of some age.

Geophysical survey

1.17 The geophysical survey recorded a number of ditches (some of which formed enclosures) and possible pits (Fig. 2). These features were interpreted as possible Iron Age and/or Roman settlements/farmsteads and associated field systems.

1.18 The geophysical survey also recorded the vestiges of medieval ridge and furrow throughout much of the site.

Archaeological objectives

1.19 As outlined in the WSI (CA 2013), the objectives of the evaluation were to:

- establish the presence, location, extent, nature, character and date of any buried archaeological features or deposits that may be present; and:
- establish the integrity, state of preservation and significance of any buried archaeological features or deposits that may be present

1.20 The results of the evaluation will assist BCAS in determining the significance of the archaeological resource within the site and the likely impact upon it of the proposed development.

Methodology

1.21 The fieldwork comprised the excavation of 73 trenches (Fig. 2). The WSI specified a total of 77 trenches, but four of the trenches were not excavated due to issues with access and services. The unexcavated trenches were: Trenches 71, 72, 75 and the trench in the garden of the residence in the north-eastern corner of the site (no number).

1.22 Additionally, the lengths and/or alignments of a number of trenches were altered and several trenches were split into two or more segments in order to maintain pre-established access routes through the crops (tramlines). All of these variations were carried out with the approval of BCAS and CgMs.

1.23 The trenches were located to:

- investigate geophysical anomalies;
- investigate an area with few geophysical anomalies, as a control measure;
- investigate areas immediately adjacent to the A421 and Weasel Lane, which both preserve the lines of ancient route ways

1.24 Trenches were set out on OS National Grid (NGR) co-ordinates using a Leica GPS and surveyed in accordance with *CA Technical Manual 4: Survey Manual* (2012).

1.25 All trenches were excavated by mechanical excavator 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 Technical Manual 1: Fieldwork Recording Manual* (2007).

1.26 Deposits were assessed for their palaeoenvironmental potential and, where appropriate, samples were taken and processed in accordance with CA Technical Manual 2: *The Taking and Processing of Environmental and Other Samples from Archaeological Sites* (2003). All recovered artefacts were processed in accordance with *CA Technical Manual 3: Treatment of Finds Immediately after Excavation* (1995).

1.27 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 will be deposited with Buckinghamshire County Museum under accession number AYBCM: 2013:23, along with the site archive. A summary of information from this project, set out within Appendix E, will be entered onto the OASIS online database of archaeological projects in Britain.

2. RESULTS

2.1 This section provides an overview of the evaluation results; detailed summaries of the recorded contexts, finds and environmental samples (palaeoenvironmental evidence) are to be found in Appendices A–D.

2.2 The archaeological features were all cut into the geological substrate (with the exception of Trench 38, ditch 3802; see Section 2.68 below). They were generally very clear in plan, with brown silty clay upper fills distinct from the geological substrate and the paler, greyer furrow fills. The fills of the archaeological features appear to have been deposited through natural processes such as silting and slumping, with little evidence for deliberate backfilling. It is possible that subsequent agricultural use of the field has occasioned some horizontal truncation of the archaeological features.

2.3 The evaluation also exposed a number of furrows. These generally corresponded in alignment and location with the furrows recorded by the geophysical survey (Stratascan 2008). They truncated all of the archaeological features which they crossed. Where excavated, they were found to contain post-medieval and 18th to 19th-century material.

2.4 For ease of discussion, this section splits the evaluation site into four main areas. These areas are based on geographical groupings and archaeological concentrations.

Area 1

2.5 This area contained nine evaluation trenches (Trenches 1 to 9; Fig. 3).

2.6 The geological substrate comprised yellowish sandy clay with flint and chalk inclusions. It was sealed directly by the topsoil, which was 0.2m to 0.32m thick.

2.7 The geophysical survey in this area of the site recorded two interconnected sub-rectangular enclosures, as well as a smaller, sub-rounded enclosure and a series of internal ditches and features. The evaluation exposed several archaeological features corresponding with the survey results, as well as a small number of additional features.

Pre-enclosure (undated)

2.8 A shallow, curvilinear ditch (743) measuring 0.6m in width and 0.06m in depth was present within the western end of Trench 7. This undated ditch was not detected by the geophysical survey. It was truncated by western enclosure ditch 741 (see below).

Western enclosure (late prehistoric)

2.9 The western arm of the western enclosure recorded by the geophysical survey ran through the south-western end of Trench 7. This enclosure ditch (741) was 1.8m in width but was not excavated to depth. It yielded late prehistoric pottery (fill 742).

2.10 The northern arm of the western enclosure was not detected in Trench 5, possibly due to a slight discrepancy in the overlay of the trenches on the survey results; it is possible that the enclosure ditch lay just to the north of Trench 5.

Western enclosure: internal features (1st century AD)

2.11 The geophysical survey recorded a number of features within the boundary of the western enclosure. Two of these features were present within Trench 7. Ditch 704 lay towards the centre of the trench, and corresponded with an “L”-shaped feature visible on the geophysical survey. This ditch was 1m wide and 0.15m deep. It contained pottery dating to the 1st century AD (fills 703, 714).

2.12 Ditch 704 was truncated at its southern end by intercutting pits/ditch terminals 719/707, which were not recorded by the geophysical survey. These features were up to 0.4m deep. Both primary pit 719 (fill 718) and secondary pit 707 (fills 705, 706, 708, 711, 712) contained 1st-century AD pottery.

2.13 Ditch 727 lay to the immediate north-east of ditch 704. This undated ditch had been almost entirely removed by recut 720, which was 2.1m wide and in excess of 0.65m deep. Recut 720 yielded pottery dating to the 1st century AD (fills 723, 725, 726). These intercutting ditches corresponded with a north-west\south-east-aligned linear anomaly in the geophysical survey, apparently representing an internal division within the western enclosure.

2.14 The north-eastern end of Trench 7 contained a sequence of intercutting ditches which was not detected by the geophysical survey (Fig. 10). Primary ditches 736 and 738 had been truncated by central recut 731, which was 0.83m deep and in

excess of 2m wide. Ditch 731 contained two fragments of post-medieval tile in its uppermost fill (735); however, this ditch was truncated by a furrow, and it is possible that the post-medieval material actually originated from the furrow fill rather than the ditch. These intercutting ditches shared the north-west\south-east alignment of ditches 727/720 and may represent another internal division.

2.15 North-east/-south-west-aligned ditch 502 lay within Trench 5, to the north of enclosure ditch 505 (see Section 2.16 below). Ditch 502 was 1.97m wide and 0.3m deep and yielded pottery dating to the mid–late 1st century AD (fill 503). This ditch was not recorded by the geophysical survey. Its associated dating evidence suggests that it was part of the same phase of activity as the western enclosure internal features.

South-central enclosure (undated)

2.16 This smaller sub-enclosure was largely within the south-eastern part of the main western enclosure. The north-western arm of the south-central enclosure passed through the southern end of Trench 5. This enclosure ditch (505) was 1.6m wide and 0.33m deep (Fig. 10). Unlike the larger Area 1 enclosure ditches, there was no evidence for recutting. Ditch 505 contained no dating evidence within its single fill.

Eastern enclosure (mid 1st–2nd centuries AD)

2.17 The eastern enclosure ran through Trenches 3 and 4. The northern arm of this enclosure (Trench 3) was revealed to have two phases (Fig. 10), with secondary ditch 303 (1.7m wide, 0.51m deep) cutting the outer (northern) edge of primary ditch 306 (>1.85m wide, 0.8m deep). Primary ditch 306 contained pottery dating to the mid–late 1st century AD (fill 308); secondary ditch 303 yielded late 1st/2nd-century AD pottery (fill 305).

2.18 The enclosure's eastern arm (Trench 4) also featured a recut on its outer edge, although here there was greater spatial overlap between the ditch phases. Primary ditch 402 was >0.9m wide and 0.8m deep; secondary ditch 405 was 15m wide and 0.66m deep. These ditches featured the same dating sequence as the enclosure's northern arm, with primary ditch 402 containing pottery dating to the mid/late 1st century AD (fill 404), while secondary ditch 405 yielded late 1st/2nd-century AD pottery (fill 46).

Eastern enclosure: internal features (mid–late 1st century AD)

2.19 A feature representing part of a pit or the terminus of a ditch (407) entered into the southern edge of Trench 4. This feature measured 1.55m in width and over 0.25m in depth and was not visible on the geophysical survey results. It yielded pottery dating to the mid/late 1st century AD (fill 411), suggesting that it was part of the same phase of activity as the main Area 1 enclosures.

Other features (Roman/undated)

2.20 North-west/south-east-aligned ditch 412 (Trench 4) was 2.95m wide by 0.4m deep and contained ceramic building material of possible Roman date (fill 415). This ditch was on the line of a furrow recorded by the geophysical survey; it is possible that this feature was misidentified during the processing and interpretation of the geophysical data.

2.21 Trench 8 contained a 0.27m-wide by 0.35m-deep ditch running north-east/south-west (803). This undated ditch was not detected by the geophysical survey.

Area 2

2.22 This area contained 14 evaluation trenches (Trenches 53 to 65 and 67; Fig. 4).

2.23 The geological substrate comprised yellowish-brown sandy clay with flint and chalk inclusions. There was some natural variation in this area of the site, with substantial flint and chalk concentrations present in many of the trenches.

2.24 The geological substrate was generally sealed directly by the topsoil, which was 0.17m to 0.32m thick. However, a silty clay subsoil horizon measuring 0.15m to 0.18m thick was present between the geological substrate and the topsoil in Trenches 56, 61 and 62. The provenance of this subsoil layer was not clear.

2.25 The geophysical survey in this area of the site recorded two enclosures: a large southern enclosure and a smaller northern annex. The evaluation exposed archaeological features corresponding with the northern enclosure, although there were some discrepancies between the locations of features recorded by the geophysical survey and the evaluation. There was only limited evidence for the southern enclosure. The evaluation also recorded some additional features which had not been picked up by or were outside the bounds of the geophysical survey.

Northern enclosure (late prehistoric)

2.26 The northern enclosure ran through Trench 62 (6203; Fig. 11). This ditch was 2.1m wide. It was excavated to a depth of 0.7m and then augured for a further 0.3m, indicating that it was at least 1m deep. It contained pottery dating to the late prehistoric era (fills 6204, 6205).

2.27 Shallow ditch 6209 lay to the south-east of enclosure ditch 6203. Ditch 6209 was 1.3m wide but only 0.11m deep. It contained no dating evidence, but it shared the alignment of the enclosure ditch, and may represent an internal division. Ditch 6209 was not detected by the geophysical survey.

Southern enclosure (undated/?Iron Age)

2.28 The geophysical survey showed the southern enclosure passing through the areas sampled by Trenches 56, 60 and 61.

2.29 A shallow ditch (6103) measuring 1m in width and 0.09m in depth lay in Trench 61 on the approximate alignment of the enclosure ditch, but its ephemeral nature indicated that this shallow feature was not part of an enclosure. This area of the trench was sample-excavated to a depth of 0.9m, but there was no evidence for any other archaeological features. Similarly, there were no archaeological features at all in the north-eastern end of Trench 56, despite this end of the trench being sample-excavated to a depth of 1.1m.

2.30 The south-western end of Trench 60 lay in the area of an opening in the western side of the southern enclosure. The edge of a pit or gully terminal (6005) entered into this end of the trench. This feature contained a similar dark silty fill to the enclosure ditches recorded elsewhere at the site, but yielded no dating evidence. It is possible that there is a discrepancy in the overlay of the geophysical survey data and the evaluation results, and that feature 6005 was actually the tip of the north-western terminus of the enclosure ditch.

2.31 The geophysical survey recorded two features within the western side of the southern enclosure. No corresponding archaeological features were revealed in Trench 60, although an additional ditch (6002) ran through the trench on a north-west/south-east alignment. This ditch was 0.75m wide and 0.3m deep, and contained Iron Age pottery (fill 6003).

Other features

2.32 In addition to those discussed above, Area 2 contained a number of features which were not recorded by the geophysical survey.

2.33 Shallow ditch 5802 ran through Trench 58 on a north-west/south-east alignment. This feature was 0.4m wide and 0.08m deep. It contained late prehistoric pottery (fill 5803).

2.34 Trench 67 exposed four ditches. Ditch 6702 ran north-west/south-east and was 0.45m wide and 0.3m deep. Ditches 6708, 6704 and 6706 were all aligned north-north-west/south-south-east, running at an angle to the north-west/south-east-aligned furrows in this trench. Ditch 6708 was 0.65m wide and 0.23m deep; ditch 6704 was 0.75m wide and 0.2m deep; ditch 6706 was 0.8m wide and 0.3m deep. None of these features contained dating material.

2.35 Intercutting undated ditches 5304/5302 were recorded in the north-western end of Trench 53. These ditches had a combined width of 1.25m and a depth of 0.1m. They shared the north-east/south-west alignment of the furrows in this area of the site.

2.36 East/west-orientated ditch 5902 was present in Trench 59. This undated feature was 1.7m wide and 0.3m deep.

2.37 A possible ditch (6302) was observed in Trench 63, running parallel to the furrows in this trench. This feature was 2.7m wide, but was not excavated.

Area 3

2.38 This area contained three evaluation trenches (Trenches 50–52; Fig. 5).

2.39 The geological substrate comprised yellowish-brown sandy clay with flint and chalk inclusions. It was sealed directly by the topsoil, which was 0.3m thick.

2.40 The geophysical survey in this area of the site recorded two enclosures: an eastern sub-circular enclosure, and a smaller, circular western enclosure with projections to the north and south. The evaluation exposed archaeological features corresponding to the northern enclosure, but evidence for the western enclosure was less clear.

The evaluation also recorded additional features which had not been noted by the geophysical survey.

Eastern enclosure (late prehistoric)

2.41 This enclosure ran through the north-western and south-eastern ends of Trench 52. It had been partially truncated by furrows in both locations.

2.42 In the north-western end of Trench 52, ditch 5204 (Fig. 12) survived to 3.2m in width (post-truncation). It was excavated to a depth of 0.6m without its base being exposed; subsequent auguring suggested that it was over 1m in depth. The ditch was filled by a sequence of silty clay fills which contained late prehistoric pottery (fills 5205, 5206, 5207) and one piece of unworked burnt flint (fill 5205).

2.43 In the south-eastern end of Trench 52, ditch 5202 survived to a width of 3m and was excavated to a depth of 0.5m without its base being exposed. The upper fill of this ditch (5201) contained two sherds of post-medieval tile; however, the ditch was truncated by a furrow and it is possible that this material was intrusive or that its provenance was misidentified during excavation.

2.44 A small cluster of sub-circular features towards the centre of Trench 52 (5214, 5216, 5218, and 5220) were irregular in both plan and section and were archaeologically sterile. They were interpreted as root disturbance rather than postholes or other internal features associated with the enclosure.

Western enclosure (late prehistoric/Middle Iron Age)

2.45 Trench 51 crossed over part of the north-eastern segment of this enclosure, as recorded by the geophysical survey. Ditch 5102 (Fig. 12) was revealed in this area of the trench, but its width (0.75m) was considerably less than expected for the enclosure ditch. Ditch 5102 was 0.45m deep and yielded late prehistoric pottery (fill 5104).

2.46 The northern projection of the western enclosure was recorded in Trench 50 as ditch 5006 (Fig. 12). This ditch was 0.57m wide and 0.33m deep. It contained Middle Iron Age pottery (fills 5007, 5008).

Additional features (Middle Iron Age)

2.47 A curvilinear ditch in Trench 50 (5003) was 0.4m wide and 0.3m deep. Middle Iron Age pottery was recovered from its main fill (5004).

Area 4

2.48 This area contained twenty evaluation trenches (Trenches 20, 21, 26–35, 38–45; Fig. 6).

2.49 The geological substrate comprised yellowish-brown sandy clay with flint and chalk inclusions, although some variation was visible in this area, including patches of blue-grey clay and brown clay bands. These natural variations were distinct from the archaeological features.

2.50 The geological substrate was generally sealed directly by 0.2m–0.4m of topsoil. However, Trenches 20, 27, 33, 35, 38, 39, 41 and 42 featured a subsoil layer of 0.1m–0.34m thickness. The provenance of this subsoil was uncertain.

2.51 The geophysical survey in this area of the site recorded a series of enclosures, as well as numerous linear anomalies and smaller irregular features. The evaluation exposed archaeological features corresponding with the geophysical data, as well as additional features which were not noted by the geophysical survey.

Geophysical survey features (Iron Age–Roman)

2.52 Trench 34 contained part of a roughly horseshoe-shaped enclosure detected by the geophysical survey (ditch 3407). This ditch was in excess of 1.6m in width and 0.7m in depth. It contained a sequence of clayey fills, from which pottery of Iron Age/Early Roman date was recovered.

2.53 Two possible enclosure ditches recorded by the geophysical survey were sampled by Trench 39. Ditch 3903 (Fig. 13) lay in the north-western half of the trench; it was 1.92m wide and 0.68m deep. Iron Age/early Roman transitional pottery was recovered from one of its sequence of clayey fills (3906). This ditch had been recut as a much shallower, narrower feature (ditch 3909), measuring 0.5m in width and 0.2m in depth. This recut was undated. Shallow ditch 3911 lay in the south-eastern half of Trench 39 and was 0.94m wide but only 0.1m deep. It contained 1st-century AD pottery in its single fill (3912).

2.54 A substantial north-east/south-west-aligned ditch recorded by the geophysical survey ran through Trench 34 (3403; Fig.13) and Trench 35 (3503). This feature was 2.77m wide and in excess of 0.85m deep (its base was not exposed). It yielded four sherds of residual Bronze Age/Iron Age pottery (Trench 34, fill 3406) and 15 sherds of mid/late 1st-century AD pottery (Trench 35, fill 3503).

2.55 The geophysical survey recorded a probable north-west/south-east return at the south-western end of ditch 3403/3503. This return was exposed in the north-eastern end of Trench 33 (ditch 3310; Fig. 13), where it survived to 1.5m in width and 0.6m in depth. Its basal fill (3311) contained pottery dating to the mid–late 1st century AD, while its later fills yielded pottery dating to the late 1st–early 2nd centuries AD (fill 3312) and the late 2nd–4th centuries AD (fill 3314). Ditch 3310 had been truncated by two probable pits (3316 and 3318). Pottery dating to the early–mid 2nd century AD was retrieved from pit 3318 (fill 3319).

2.56 Trench 30 sampled two ditches which formed a small, sub-square enclosure within the south-eastern part of Area 4. The south-westernmost of these ditches ran north-west/south-east before turning 90° to run north-east/south-west. The point where this ditch turned was excavated in Trench 30 (3006) and was found to be 0.9m wide and 0.2m deep. It yielded late 1st/2nd-century AD pottery (fill 3008). The north-westernmost enclosure ditch had largely been removed by a furrow within the trench.

2.57 Trench 32 contained a 0.23m-deep pit-like feature (3202) which corresponded in location with an amorphous anomaly shown on the geophysical survey. This feature yielded pottery dating to the 2nd century AD, as well as small quantities of ironworking slag and an iron strip (fills 3203, 3204).

2.58 Part of an “L”-shaped ditch forming a probable enclosure element in the geophysical survey results passed through the north-eastern end of Trench 40 (ditch 4002; Fig. 13). This north-east/south-west-aligned ditch was 1.3m wide by 0.48m deep and yielded pottery dating to the mid 2nd–early 3rd centuries AD (fills 4004, 4006, 4007).

2.59 Trench 33 contained at least three relatively wide and deep features aligned north-west/south-east. These features ran parallel to and were truncated by the furrows in this trench, and displayed a broad correspondence with some of the features

recorded by the geophysical survey. Ditch 3303 was 0.55m deep and contained late 3rd to 4th-century pottery, brick and tile, as well as small quantities of ironworking slag (fills 3304, 3305). Ditch 3306 was 0.38m deep and contained pottery, tile, slag and iron object fragments dating to the late 2nd–4th centuries AD (fills 3307, 3308, 3309). Both of these ditches were truncated by the same furrow, and it is possible that they represented either side of the one very wide feature. A further ditch on the same alignment (3320) was not excavated.

Additional features

2.60 In addition to the features discussed above, the Area 4 trenches revealed a number of archaeological features which had either not been detected by or were outside the boundaries of the geophysical survey.

2.61 The south-western end of Trench 30 contained ditch 3003. This north-east/south-west-aligned feature was 0.62m wide and 0.19m deep, and contained pottery dating to the 1st century AD (fill 3005).

2.62 Trench 27 contained part of a pit or ditch (2703) at is south-eastern end. This feature was at least 1.6m wide and 0.25m deep. It contained pottery dating to the mid–late 1st century AD.

2.63 A ditch running north-west/south-east within Trench 29 (2905) was truncated on its south-western side by a furrow running on the same alignment. This ditch was over 1.74m in width and 0.55m in depth. It contained fired clay and one sherd of pottery broadly dateable to the Roman period (fills 2903, 2904).

2.64 A north-west/south-east-aligned ditch (2802) ran through the north-eastern end of Trench 28. This shallow, undated ditch measured 4m in width and 0.15m in depth.

2.65 Trench 35 contained undated north-east/south-west-aligned ditch 3505. This feature was 0.78m wide and 0.13m deep.

2.66 Ditch 4410 ran through the north-eastern end of Trench 44 on a north-east/south-west alignment. This undated ditch was 0.35m wide and 0.14m deep.

2.67 North-west/south-east-aligned ditch 4409 ran through the south-western half of Trench 44. This undated ditch was largely truncated by post-medieval ditch 4407 (see Section 2.71 below).

Post-medieval/modern features

2.68 Trench 38 featured a 0.34m-thick subsoil layer (3801). No archaeological features were present at the geological substrate horizon in this trench, but north-west/south-east-aligned ditch 3802 was cut through the subsoil. This 0.2m wide, 0.46m deep ditch contained no artefacts, but was presumably post-medieval in date.

2.69 Trench 41 exposed a 1.22m wide, 0.17m deep ditch (4103). This north-east/south-west-orientated ditch contained fragments of post-medieval drain in its single fill (4104).

2.70 A north-east/south-west-aligned linear anomaly interpreted in the geophysical survey as a possible land drain ran through Trenches 43 and 44. Ditches 4302 and 4407 lay on the approximate line of this anomaly.

2.71 Ditch 4302 was not fully excavated, but contained relatively large amounts of modern red brick. North-east/south-west-aligned ditch 4407 was 2m wide and 0.68m deep and yielded 18th to 19th-century pottery and tile (fill 4407). The base of ditch 4407 featured a sub-circular depression (4403; 0.33m diameter, 0.15m depth) containing a large piece of limestone. It is possible that depression 4403 was a posthole either within or truncated by the base of the ditch, although this was not certain. The size of these features suggests that they are associated with a post-medieval field boundary, rather than a land drain.

Other trenches (Figs. 7-9)

2.72 Outside of Areas 1–4, the geological substrate generally comprised yellowish-brown sandy clay with flint and chalk inclusions, although some localised variations were visible. The geological substrate was usually sealed directly by 0.21m–0.32m of topsoil, although Trenches 10–16, in the south-western corner of the site, featured a subsoil layer of 0.12m–0.26m depth.

2.73 Very few archaeological features were encountered outside of Areas 1–4. Those which were are discussed below.

2.74 Trench 10 (which lay outside of the geophysical survey areas) featured a 0.7m-wide, 0.18m-deep ditch (1003) running on the same north-west/south-east alignment as the furrows in this area of the site. This ditch contained burnt clay in its single fill (1004).

2.75 Trench 15 exposed an undated ditch (1503), which measured 0.55m in width and 0.09m in depth. This gully shared the north-east/south-west alignment of the furrows in this area of the site. It had not been detected by the geophysical survey.

2.76 North/south-aligned ditch 7602 ran through Trench 76, which was outside of the geophysical survey areas. This undated ditch measured 0.85m in width and 0.19m in depth.

The finds, palaeoenvironmental evidence and animal bone

2.77 The text is this section is summarised from reports produced by CA specialists Jacky Sommerville (finds and palaeoenvironmental evidence) and Jonny Geber (animal bone). The full texts of these reports are presented in Appendices B–D.

The finds

2.78 Artefactual material, comprising mainly pottery ranging in date from Bronze Age/Iron Age to post-medieval, was recovered from 72 separate deposits.

2.79 Quantities of pottery considered to be of late prehistoric (Late Bronze Age–Iron Age) date were recovered from nine deposits.

2.80 A substantial proportion of the recovered pottery represented types characteristic of the period spanning the Late Iron Age/Roman transition (the first centuries BC and AD).

2.81 The bulk of the Roman pottery consists of reduced sandy and shelly coarsewares, most of which can be expected to be of relatively local origin.

2.82 Regional ware types are largely composed of earlier Roman types; the scarcity of products from the major Late Roman production centres from the Lower Nene valley and Oxfordshire is significant. Sherds of *Verulamium* Region White ware were recovered from several deposits; this ware was produced at potteries near

Verulamium (modern St. Albans) and Watling Street in London, and distributed during the first and second centuries AD.

The palaeoenvironmental evidence

2.83 Nine environmental samples were retrieved and processed. Plant remains were present in very small quantities only, and were poorly preserved. There were also small amounts of poorly-preserved charcoal.

2.84 The small quantities and poor preservation of this material suggest that it is residual, and was derived from scattered or wind-blown hearth waste. There is no material within the samples that would be suitable for C-14 dating.

The animal bone

2.85 A relatively large collection of animal bones was recovered from the site. Animal bones were most abundant in Areas 1 and 4. In Area 2, animal bones (cow) were retrieved from enclosure ditch 6203 only; they were absent altogether from Area 3 and the remainder of the site.

2.86 The animal bones represent both slaughter refuse and food waste. Cattle dominated the assemblage (79%), followed by sheep/goats (14%).

2.87 Pigs were represented by a single bone fragment retrieved from a Roman ditch 3407 (Area 4, Trench 34). This may indicate that the site had a relatively low socio-economic status in the Roman era, as pig bones are generally more common on high status sites in Britain during the Roman period.

2.88 Limited amounts of horse and dog were also present in the assemblage.

3. DISCUSSION

3.1 The evaluation recorded numerous well-preserved, substantial archaeological features at the site. Relatively large quantities of pottery were recovered. There were four main foci of activity:

- Area 1 contained three enclosures. These spanned the Iron Age/Roman transitional period;

- Area 2 contained at least one late prehistoric enclosure;
- Area 3 contained at least one late prehistoric enclosure and related ditches;
- Area 4 contained a series of enclosures, ditches and other features spanning the Late Iron Age/Roman transitional period into the 4th century AD.

3.2 Few archaeological features were recorded outside of these areas. The trenches adjacent to the old line of the A421 (Standing Way) and Weasel Lane recorded no archaeological remains associated with these ancient routes, and there was no evidence for further burials associated with the Saxon cemetery at Bottle Dump Roundabout.

3.3 There was a generally high concordance between the results of the evaluation results and the previous geophysical survey, although there were some discrepancies in Area 2 and 3, where the evaluation found only limited evidence for enclosure features recorded by the geophysical survey. The evaluation also exposed a number of features which had not been detected by the geophysical survey, including some quite substantial ditches in Trench 7. There was some evidence to suggest that some of the features interpreted as furrows in the survey might actually be archaeological features.

4. CA PROJECT TEAM

4.1 Fieldwork was undertaken by Derek Evans, assisted by Peter James, Anthony Beechey, Sarah Foster, Sikko van der Brug, Aleksandra Oksana, James Coyne, Robin Weaver, Mark Patenall, Dan Prior and Rob Scott. The report was written by Derek Evans. The illustrations were prepared by Jon Bennett. The archive has been compiled and prepared for deposition by Derek Evans. The project was managed for CA by Simon Carlyle.

5. REFERENCES

BGS (British Geological Survey) *Geology of Britain Viewer* http://maps.bgs.ac.uk/geologyviewer_google/googleviewer.html Accessed 11 July 2013

CA (Cotswold Archaeology) 2013 *South-West Milton Keynes, Buckinghamshire: Written Scheme of Investigation for an Archaeological Evaluation*

CgMs Consulting 2008 *Archaeological Desk Based Assessment: Salden Chase, South West Milton Keynes* Unpublished report ref: **RB/9161**

CgMs Consulting 2010 "Archaeology and Cultural Heritage" in *Salden Chase, North-East Aylesbury Vale: Draft Environmental Impact Assessment*

Stratascan 2008 *Salden Chase, Milton Keynes. Geophysical Survey Report* Unpublished report ref: **J2500**

APPENDIX A: CONTEXT DESCRIPTIONS

Trench No	Context	Type	Fill of	Context Interpretation	Description	Length (m)	Width (m)	Depth (m)
1	100	Layer	N/A	Topsoil	Dark grey-brown clayey silt with flint inclusions	N/A	N/A	0.2
1	101	Layer	N/A	Natural	Medium yellow clay/light yellow-brown sandy clay	N/A	N/A	N/A
2	200	Layer	N/A	Topsoil	Grey-brown silty clay with chalk and flint inclusions	N/A	N/A	0.3
2	201	Layer	N/A	Natural	Yellow-grey-brown silty clay with chalk and flint inclusions	N/A	N/A	N/A
3	300	Layer	N/A	Topsoil	Medium grey-brown silty clay with flint inclusions	N/A	N/A	0.32
3	301	Void	Void	Void	Void	N/A	N/A	N/A
3	302	Layer		Natural	Yellow brown clay with frequent flint inclusions	N/A	N/A	N/A
3	303	Cut	N/A	Ditch	Linear ditch aligned WSW/ENE. Concave sides and concave base	>2	1.2	0.51
3	304	Fill	303	1st fill of ditch	Yellow-brown silty clay with flint and chalk inclusions	N/A	N/A	0.08
3	305	Fill	303	2nd fill of ditch	Medium grey-brown silty clay with occasional flint and chalk inclusions	N/A	N/A	0.51
3	306	Cut	N/A	Ditch	Linear ditch aligned WSW/ENE. Concave sides and concave base	>2	1.7	0.62
3	307	Fill	306	1st fill of ditch	Yellow-brown silty clay with occasional flint and chalk inclusions	N/A	N/A	0.3
3	308	Fill	306	2nd fill of ditch	Light grey-brown silty clay with occasional flint and chalk inclusions	N/A	N/A	0.18
3	309	Fill	306	3rd fill of ditch	Yellow-brown silty clay with occasional flint and chalk inclusions	N/A	N/A	0.21
3	310	Cut	N/A	Land drain	Cut for ceramic land drain	N/A	N/A	N/A
3	311	Fill	310	Fill of land drain	Ceramic land drain	N/A	N/A	N/A
3	312	Cut	N/A	Land drain	Linear ditch on a SW-NE alignment. Gradual concave sides with concave base.	>8	1.1	0.18
3	313	Fill	313	1st fill of land drain	Yellow brown silty clay with frequent chalk inclusions	N/A	N/A	0.21
3	314	Fill	313	2nd fill of land drain	Brown silty clay with chalk inclusions	N/A	N/A	0.05
4	400	Layer	N/A	Topsoil	Medium brown grey silty clay silt.	N/A	N/A	0.23
4	401	Layer	N/A	Natural	Light grey brown silty clay with occasional sub-rounded flint and	N/A	N/A	N/A

					chalk.			
4	402	Cut	N/A	Ditch	Linear ditch on an N-S alignment. Steep concave sides with concave base.	>2	0.88	0.78
4	403	Fill	402	1st fill of ditch	Yellow brown silty sandy clay.	N/A	N/A	0.11
4	404	Fill	402	2nd fill of ditch	Medium brown grey sandy clay with frequent sub-rounded flint and chalk.	N/A	N/A	0.19
4	405	Cut	N/A	Ditch	Re-cut of linear ditch on a N-S alignment. Steep concave sides, concave base.	>2	1.53	0.68
4	406	Fill	405	Fill of ditch	Medium grey brown sandy silty clay with occasional sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.68
4	407	Cut	N/A	Pit	Sub-circular pit. Steep concave edges, base unknown. Not fully excavated.	N/A	1.5	0.27>
4	408	Fill	407	1st fill of ditch; same as 409?	Yellow brown sandy clay with chalk.	N/A	N/A	0.16>
4	409	Fill	407	1st fill of ditch; same as 408?	Yellow brown sandy clay with of chalk.	N/A	N/A	0.25>
4	410	Fill	407	2nd fill of ditch	Medium grey brown silty clay with frequent sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.27>
4	411	Fill	407	3rd fill of ditch	Dark brown grey silty clay with frequent flecks of charcoal and chalk.	N/A	N/A	0.12
4	412	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave edges; not fully excavated.	>1	1.34	0.20>
4	413	Fill	412	1st fill of ditch; same as 414?	Light grey brown silty clay.	N/A	N/A	0.13
4	414	Fill	412	1st fill of ditch; same as 413?	Light grey brown silty clay.	N/A	N/A	0.1
4	415	Fill	412	2nd fill of ditch	Medium grey brown silty clay with frequent sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.17
5	500	Layer	N/A	Topsoil	Dark brown grey clay silt with frequent sub-rounded flint and chalk.	N/A	N/A	0.2
5	501	Layer	N/A	Natural	Yellow brown clay with sub-rounded flint and chalk.	N/A	N/A	N/A
5	502	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Moderate concave edges with concave	>2	0.69	0.22

					base.			
5	503	Fill	502	2nd fill of ditch	Dark grey brown silty clay with moderate sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.2
5	504	Fill	502	1st fill of ditch	Medium grey brown clay with few sub-rounded flint and flecks of chalk.	N/A	N/A	0.05
5	505	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Shallow concave edges and concave base.	>2	1.4	0.23
5	506	Fill	505	Fill of ditch	Medium grey brown clay with few sub-rounded flint and flecks of chalk.	N/A	N/A	0.23
6	600	Layer	N/A	Topsoil	Dark grey brown clay silt with moderate sub-rounded flint.	N/A	N/A	0.21
6	601	Layer	N/A	Natural	Medium yellow brown silty clay with moderate sub-rounded flint.	N/A	N/A	N/A
7	700	Layer	N/A	Topsoil	Dark grey brown clayey sand with occasional sub-rounded flint.	N/A	N/A	0.31
7	701	Void	Void	Void	Void	N/A	N/A	N/A
7	702	Layer	N/A	Natural	Light yellow grey clayey sand with chalk.	N/A	N/A	N/A
7	703	Fill	704	Fill of ditch; same as 714	Medium grey brown clayey sand.	N/A	N/A	013
7	704	Cut	N/A	Ditch; same as 715	Linear ditch on a NE-SW alignment. Shallow concave edges, concave base.	>1.0	1.20>	0.13
7	705	Fill	707	2nd fill of ditch/pit; same as 708 & 711	Medium grey brown sandy clay.	N/A	N/A	0.16
7	706	Fill	707	1st fill of ditch/pit; same as 709 & 712	Light yellow grey sandy clay.	N/A	N/A	0.2
7	707	Cut	N/A	Ditch/pit; same as 710 & 713	Sub-circular pit. Steep concave edges, concave base.	N/A	0.75	0.38
7	708	Fill	710	2nd fill of ditch/pit; same as 705 & 711	Medium grey brown sandy clay.	N/A	N/A	0.08
7	709	Fill	710	1st fill of ditch/pit; 706 & 712	Light yellow grey sandy clay.	N/A	N/A	0.25
7	710	Cut	N/A	Ditch/pit; same as 707 & 713	Linear ditch on a NE-SW alignment. Shallow concave edges, concave base.	>1	0.65>	0.38
7	711	Fill	713	1st fill of ditch/pit; same as 705 & 708	Medium grey brown sandy clay.	N/A	N/A	0.13
7	712	Fill	713	2nd fill of	Light yellow grey sandy	N/A	N/A	0.23

				ditch/pit; same as 706 & 706	clay.			
7	713	Cut	N/A	Ditch/pit; same as 707 & 710	Sub-circular pit. Steep concave edges, concave base.	>1	0.93	0.32
7	714	Fill	715	Fill of ditch; same as 703	Medium grey brown clayey sand.	>1	0.94	0.28
7	715	Cut	N/A	Ditch; same as 704	Linear ditch on a NE-SW alignment. Shallow concave edges, concave base.	N/A	N/A	0.28
7	716	Fill	717	Fill of ditch/pit; same as 718?	Medium yellow grey clayey sand with few sub-rounded flint.	>1	>0.47	0.13
7	717	Cut	N/A	Ditch/pit; same as 719?	Potentially a corner of a ditch or a discreet pit? Concave base.	>1	>0.83	0.34
7	718	Fill	719	Fill of ditch/pit; same as 716?	Medium yellow grey clayey sand with few sub-rounded flint.	N/A	N/A	0.26
7	719	Cut	N/A	Ditch/pit; same as 717?	Potentially a corner of a ditch or a discreet pit? Concave base	>1	0.68>	0.26
7	720	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Steep concave edges. Base unknown. Not fully excavated.	>0.80	2.06	0.63>
7	721	Fill	720	1st fill of ditch	Medium yellow grey silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.11
7	722	Fill	720	1st fill of ditch	Medium yellow brown silty clay with few sub-rounded flint.	N/A	N/A	0.08
7	723	Fill	720	2nd fill of ditch	Medium yellow brown silty clay with few sub-rounded flint.	N/A	N/A	0.16
7	724	Fill	720	3rd fill of ditch	Medium grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.18
7	725	Fill	720	4th fill of ditch	Medium grey brown silty clay with few sub-rounded flint and flecks of chalk.	N/A	N/A	0.17
7	726	Fill	720	5th fill of ditch	Medium grey brown silty clay with few sub-rounded flint and flecks of chalk.	N/A	N/A	0.34
7	727	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave sides.	>0.6	0.20>	0.5
7	728	Fill	727	Fill of ditch	Medium yellow brown silty clay with few sub-rounded and sub-angular flint and flecks of chalk.	N/A	N/A	0.5
7	729	Cut	N/A	Furrow	Linear furrow on a NW-SE alignment. Shallow concave edges,	>0.60	1.84>	0.35

					concave base.			
7	730	Fill	729	Fill of furrow	Medium grey brown silty clay with frequent sub-rounded and sub-angular flint.	N/A	N/A	0.35
7	731	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave edges with concave base.	>0.60	2	0.83
7	732	Fill	731	1st fill of ditch	Medium yellow brown silty clay with the odd sub-rounded flint and flecks of chalk.	N/A	N/A	0.12
7	733	Fill	731	2nd fill of ditch	Medium grey brown silty clay with frequent sub-rounded flint and flecks of chalk.	N/A	N/A	0.26
7	734	Fill	731	3rd fill of ditch	Medium grey brown silty clay with few sub-rounded flint and flecks of chalk.	N/A	N/A	0.2
7	735	Fill	731	4th fill of ditch	Medium grey brown silty clay with moderate sub-rounded flint and flecks of chalk.	N/A	N/A	0.46
7	736	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave sides with concave base.	>0.6	0.48>	0.74
7	737	Fill	736	Fill of ditch	Medium grey brwon silty clay with moderate sub-rounded flint and chalk.	N/A	N/A	0.22
7	738	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave edges. Base unknown. Not fully excavated.	>0.60	1.20>	0.65
7	739	Fill	738	1st fill of ditch	Medium yellow grey silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.16
7	740	Fill	738	2nd fill of ditch	Medium grey brown silty clay with moderate sub-rounded flint and chalk.	N/A	N/A	0.28
7	741	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave edges. Base unknown. Not fully excavated.	>0.30	0.54>	0.17>
7	742	Fill	741	Fill of ditch	Medium grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.17>
7	743	Cut	N/A	Ditch	Curvi-linear/penannular Ditch. Shallow concave edges, concave base.	0.2	0.32>	0.06
7	744	Fill	743	Fill of ditch	Medium grey brown silty clay with moderate sub-rounded flint and chalk.	N/A	N/A	0.06

8	800	Layer	N/A	Topsoil	Medium grey brown silty clay with moderate sub-rounded flint.	N/A	N/A	0.32
8	801	Void	Void	Void	Void	N/A	N/A	N/A
8	802	Layer	N/A	Natural	Yellow brown clay with frequent sub-rounded flint.	N/A	N/A	N/A
8	803	Cut	N/A	Ditch	Linear ditch on a SSW-NNE alignment. Gradual concave sides with 'V' shape base	>2.2	0.53	0.35
8	804	Fill	803	1st fill of ditch	Yellow brown silty clay with few sub-rounded flint.	N/A	N/A	0.17
8	805	Fill	803	2nd fill of ditch	Light yellow brown silty clay with frequent sub-rounded and sub-angular flint.	N/A	N/A	0.2
9	900	Layer	N/A	Topsoil	Medium grey brown silty clay with moderate sub-rounded flint.	N/A	N/A	0.3
9	901	Void	Void	Void	Void	N/A	N/A	N/A
9	902	Layer	N/A	Natural	Yellow brown clay with frequent sub-rounded flint.	N/A	N/A	N/A
9	903	Cut	N/A	Root disturbance	Irregular, Sub-circular root disturbance.	0.70>	0.84	0.24
9	904	Fill	903	Root disturbance	Yellow brown silty clay with occasional sub-rounded flint.	N/A	N/A	0.12
9	905	Fill	903	Root disturbance	Medium grey brown silty clay with occasional sub-rounded flint.	N/A	N/A	0.16
10	1000	Layer	N/A	Topsoil	Medium brown grey silty clay silt.	N/A	N/A	0.25
10	1001	Layer	N/A	Subsoil	Medium grey brown silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.12
10	1002	Layer	N/A	Natural	Light greyish brown silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	N/A
10	1003	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave sides.	2>	0.69>	0.18
10	1004	Fill	1003	Fill of ditch	Medium grey brown sandy silty clay with occasional sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.18
11	1100	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.21
11	1101	Layer	N/A	Subsoil	Medium grey brown silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.16

11	1102	Layer	N/A	Natural	Light greyish brown silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	N/A
12	1200	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.22
12	1201	Layer	N/A	Subsoil	Medium grey brown silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.21
12	1202	Layer	N/A	Natural	Light greyish brown silty clay with blue grey pockets containing occasional sub-rounded flint and chalk.	N/A	N/A	N/A
13	1300	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.24
13	1301	Layer	N/A	Subsoil	Medium grey brown sandy silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.15
13	1302	Layer	N/A	Natural	Light greyish brown silty clay with red grey pockets containing occasional sub-rounded flint and chalk.	N/A	N/A	N/A
14	1400	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.3
14	1401	Layer	N/A	Subsoil	Medium grey brown sandy silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.26
14	1402	Layer	N/A	Natural	Light greyish brown sandy silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	N/A
15	1500	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.25
15	1501	Layer	N/A	Subsoil	Medium grey brown sandy silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.2
15	1502	Layer	N/A	Natural	Light greyish brown sandy silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	N/A
15	1503	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Gradual concave sides with concave base	2>	0.54	0.08
15	1504	Fill	1503	Fill of ditch	Medium grey brwon sandy silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.08
16	1600	Layer	N/A	Topsoil	Medium grey brown silty clay silt	N/A	N/A	0.26
16	1601	Layer	N/A	Subsoil	Medium grey brown sandy silty clay with occasional sub-rounded	N/A	N/A	0.21

					flint and chalk.			
16	1602	Layer	N/A	Natural	Medium grey brown sandy silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	N/A
17	1700	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-angular flint.	N/A	N/A	0.27
17	1701	Layer	N/A	Natural	Medium yellow brown silty clay with few sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
18	1800	Layer	N/A	Topsoil	Dark grey brown clay silt with few sub-rounded and sub-angular flint and chalk.	N/A	N/A	0.28
18	1801	Layer	N/A	Natural	Medium yellow brown clay with pockets of grey blue clay containing frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
19	1900	Layer	N/A	Topsoil	Medium grey brown clay silt with the odd sub-rounded and sub-angular flint.	N/A	N/A	0.26
19	1901	Layer	N/A	Natural	Medium yellow brown sandy clay with sub-rounded and sub-angular flint.	N/A	N/A	N/A
20	2000	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.2
20	2001	Layer	N/A	Subsoil	Yellow brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.1
20	2002	Fill	2003	Root disturbance	Dark grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.2
20	2003	Cut	N/A	Root disturbance	Irregular, Sub-circular root disturbance.	N/A	1.25	0.2
20	2004	Layer	N/A	Natural	yellow brown silty clay with blue grey clay containing few sub-rounded flint and chalk.	N/A	N/A	N/A
21	2100	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.29
21	2101	Layer	N/A	Natural	Medium yellow brown with pockets of light grey sandy clay containing few sub rounded flint.	N/A	N/A	N/A
22	2200	Layer	N/A	Topsoil	Medium grey brown clay silt with occasional sub-rounded and sub-angular flint and chalk.	N/A	N/A	0.28
22	2201	Layer	N/A	Natural	Light yellow grey clay with frequent sub-	N/A	N/A	N/A

					rounded and sub-angular flint and chalk.			
23	2300	Layer	N/A	Topsoil	Medium grey brown clay silt with occasional sub-rounded and sub-angular flint and chalk.	N/A	N/A	0.3
23	2301	Layer	N/A	Natural	Light yellow grey clay with frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
24	2400	Layer	N/A	Topsoil	Medium grey brown clay silt with occasional sub-rounded and sub-angular flint and chalk.	N/A	N/A	0.3
24	2401	Layer	N/A	Natural	Light yellow grey clay with frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
25	2500	Layer	N/A	Topsoil	Dark grey brown silty clay with occasional sub-rounded and sub-angular flint.	N/A	N/A	0.3
25	2501	Layer	N/A	Natural	Light yellow brown clay with occasional sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
25	2502	Fill	2503	Fill of furrow	Medium yellow brown silty clay.	N/A	N/A	0.28
25	2503	Cut	N/A	Furrow	Linear furrow on a NW-SE alignment. Shallow concave edges, concave base.	1>	1.8	0.28
25	2504	Fill	2505	Fill of furrow	Medium yellow brown silty clay.	N/A	N/A	0.22
25	2505	Cut	N/A	Furrow	Linear furrow on a NW-SE alignment. Shallow concave edges, concave base.	1>	1.8	0.22
26	2600	Layer	N/A	Topsoil	Medium grey brown silty clay with sub-rounded flint and chalk.	N/A	N/A	0.25
26	2601	Layer	N/A	Natural	Yellow brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.45
26	2602	Layer	N/A	Natural	Dark grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.3
26	2603	Layer	N/A	Natural	Yellow brown silty with few sub-rounded flint and chalk.	N/A	N/A	N/A
27	2700	Layer	N/A	Topsoil	Light grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.2
27	2701	Layer	N/A	Subsoil	Light grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.3

27	2702	Fill	2703	Fill of ditch	Medium grey brown silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.35
27	2703	Cut	N/A	Ditch	Linear ditch on an E-W alignment. Shallow concave edges with concave base.	>1.5	0.9	0.35
27	2704	Layer	N/A	Natural	Yellow grey clay with few sub-rounded flint	N/A	N/A	N/A
28	2800	Layer	N/A	Topsoil	Grey brown silty clay with frequent sub-rounded flint.	N/A	N/A	0.4
28	2801	Fill	2802	Fill of ditch	Grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.15
28	2802	Cut	N/A	Ditch	Ditch aligned N/S	>2	2.15	0.015
28	2803	Layer	N/A	Natural	Yellow brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
29	2900	Layer	N/A	Topsoil	Grey brown silty clay	N/A	N/A	0.4
29	2901	Fill	2902	Fill of furrow	Grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.35
29	2902	Cut	N/A	Furrow	Linear furrow on a E-W alignment. Shallow concave edges, concave base.	1>	1.21>	0.36
29	2903	Fill	2905	2nd fill of ditch	Yellow brown silty clay with frequent sub-rounded flint and chalk.	N/A	N/A	0.36
29	2904	Fill	2905	1st fill of ditch	Yellow brown silty clay with moderate sub-rounded flint and chalk.	N/A	N/A	0.31
29	2905	Cut	N/A	Ditch	Linear ditch on a E-W alignment. Gradual concave edges. Base unknown. Not fully excavated	1>	1.70>	0.63
29	2906	Layer	N/A	Natural	Light yellow brown sandy clay.	N/A	N/A	N/A
30	3001	Layer	N/A	Topsoil	Medium grey brown clay silt with moderate sub-rounded flint.	N/A	N/A	0.28
30	3002	Layer	N/A	Natural	Light yellow brown sandy clay with frequent sub-rounded flint and chalk.	N/A	N/A	N/A
30	3003	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Gradual concave sides with concave base	1>	0.62	0.19
30	3004	Fill	3003	1st fill of ditch	Light grey brown silty clay with few sub-rounded flint, chalk and manganese.	N/A	N/A	0.07

30	3005	Fill	3003	2nd fill of ditch	Medium grey brown silty clay with frequent sub-rounded flint and flecks of chalk.	N/A	N/A	0.12
30	3006	Cut	N/A	Ditch	Curvi-linear ditch on a S-E alignment. Gradual concave edges with concave base.	1>	1.6	0.44
30	3007	Fill	3006	1st fill of ditch	Medium grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.14
30	3008	Fill	3006	2nd fill of ditch	Medium grey brown silty clay with few sub-rounded flint and Iron panning.	N/A	N/A	0.3
31	3100	Layer	N/A	Topsoil	Medium grey brown silty silt.	N/A	N/A	0.3
31	3101	Layer	N/A	Natural	Medium yellow grey silty clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
32	3200	Layer	N/A	Topsoil	Dark grey brown silty clay silt.	N/A	N/A	0.28
32	3201	Layer	N/A	Natural	Light yellow brown silty sandy clay with sub-rounded flint and chalk.	N/A	N/A	N/A
32	3202	Cut	N/A	Ditch/pit	Full extent not apparent in trench. Gradual concave edges with concave almost flat base.	2>	6.6>	0.26
32	3203	Fill	3202	1st fill of ditch/pit	Medium grey brown silty sandy clay.	N/A	N/A	0.15
32	3204	Fill	3202	2nd fill of ditch/pit	Dark grey brown silty clay with moderate sub-rounded flint and flecks of charcoal, chalk and manganese.	N/A	N/A	0.2
33	3300	Layer	N/A	Topsoil	Dark grey brown silty clay silt.	N/A	N/A	0.34
33	3301	Layer	N/A	Subsoil	Medium grey brown silty clay.	N/A	N/A	0.25
33	3302	Layer	N/A	Natural	Light yellow grey sandy clay.	N/A	N/A	N/A
33	3303	Cut	N/A	Ditch	Ditch aligned NW/SE	2>	3.57	0.6
33	3304	Fill	3303	1st fill of ditch	Light brown grey clayey sand with occasional sub-rounded flint and flecks of charcoal	N/A	N/A	0.31
33	3305	Fill	3303	2nd fill of ditch	Medium brown grey silty sandy clay with occasional sub-rounded flint and flecks of charcoal.	N/A	N/A	0.3
33	3306	Cut	N/A	Ditch	Ditch aligned NW/SE	2>	3.33	0.39

33	3307	Fill	3306	1st fill of ditch	Light brown grey clayey sand with occasional sub-rounded flint and flecks of chalk and manganese.	N/A	N/A	0.08
33	3308	Fill	3306	2nd fill of ditch	Medium brown grey silty sandy clay with occasional sub-rounded flint and flecks of charcoal, chalk and manganese.	N/A	N/A	0.17
33	3309	Fill	3306	3rd fill of ditch	Dark brown grey silty sandy clay with moderate sub-rounded flint and flecks of charcoal.	N/A	N/A	0.31
33	3310	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave sides with concave base.	2>	1.57	0.61
33	3311	Fill	3310	1st fill of ditch	Medium grey brown clayey sand with moderate sub-rounded flint and flecks of charcoal, chalk and manganese.	N/A	N/A	0.25
33	3312	Fill	3310	2nd fill of ditch	Medium grey brown clayey sand with occasional sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.28
33	3313	Fill	3310	3rd fill of ditch	Light yellow brown silty sand with moderate sub-rounded flint and chalk.	N/A	N/A	0.19
33	3314	Fill	3310	4th fill of ditch	Dark brown grey silty clay with frequent sub-rounded flint and flecks of charcoal.	N/A	N/A	0.26
33	3315	Fill	3310	5th fill of ditch	Medium grey brown silty sandy clay with sub-angular flint and flecks of chalk.	N/A	N/A	0.27
33	3316	Cut	N/A	Pit	Sub-circular, steep concave edges and concave base	N/A	0.95	0.43
33	3317	Fill	3316	Fill of pit	Medium grey brown sandy clay with few sub-rounded flint and chalk.	N/A	N/A	0.43
33	3318	Cut	N/A	Pit	Sub-circular, steep concave edges and concave base.	N/A	0.54	0.28
33	3319	Fill	3318	Fill of pit	Dark grey black silty clay with few sub-rounded flint and flecks of charcoal.	N/A	N/A	0.28
33	3320	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Unexcavated	2>	5.17	N/A
33	3321	Fill	3320	Ditch fill	Medium brown grey silty	N/A	N/A	N/A

					sandy clay.			
34	3400	Layer	N/A	Topsoil	Grey brown silty clay with few sub-angular flint.	N/A	N/A	0.24
34	3401	Void	Void	Void	Void	N/A	N/A	N/A
34	3402	Layer	N/A	Natural	Yellow brown silty clay with few sub-rounded and sub-angular flint.	N/A	N/A	N/A
34	3403	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Steep convex sides. Base unknown. Not fully excavated.	2>	2.7	0.86>
34	3404	Fill	3403	1st fill of ditch	Brown grey silty clay with few flecks of charcoal.	N/A	N/A	0.26
34	3405	Fill	3403	2nd fill of ditch	Yellow brown silty clay with sub-angular flint.	N/A	N/A	0.1
34	3406	Fill	3403	3rd fill of ditch	Grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.64
34	3407	Cut	N/A	Ditch	Linear ditch on a E-W alignment. Steep concave edges. Base unknown. Not fully excavated due to high water table.	1>	1.61>	0.71>
34	3408	Fill	3407	1st fill of ditch	Medium grey brown sandy clay with occasional sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.17
34	3409	Fill	3407	2nd fill of ditch	Dark blue grey clayey sand. Alluvial deposition.	N/A	N/A	0.32
34	3410	Fill	3407	3rd fill of ditch	Medium yellow brown sandy clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.6
34	3411	Fill	3407	3rd fill of ditch	Medium brown grey silty sandy clay with occasional flint and chalk.	N/A	N/A	0.13
35	3500	Layer	N/A	Topsoil	Medium brown grey silty clay silt.	N/A	N/A	0.21
35	3501	Layer	N/A	Subsoil	Medium grey brown silty clay.	N/A	N/A	0.16
35	3502	Layer	N/A	Natural	Yellow brown silty clay with few sub-rounded and sub-angular flint.	N/A	N/A	N/A
35	3503	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Gradual sides. Base Unknown. Not fully excavated.	1>	2.7	0.2
35	3504	Fill	3503	Fill of ditch	Medium grey brown sandy clay with few sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.21

35	3505	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Moderate concave edges with flat base.	1>	0.71	0.15
35	3506	Fill	3505	Fill of ditch	Medium grey brown sandy clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.15
36	3600	Layer	N/A	Topsoil	Dark grey brown silty clay with few sub-rounded and sub-angular flint.	N/A	N/A	0.23
36	3601	Layer	N/A	Natural	Light grey blue clay with medium yellow gravel pockets containing sub-rounded flint and flecks of chalk.	N/A	N/A	N/A
37	3700	Layer	N/A	Topsoil	Dark grey brown silty clay with few sub-rounded and sub-angular flint.	N/A	N/A	0.25
37	3701	Layer	N/A	Natural	Light brown blue clay with frequent sub-angular flint and flecks of chalk.	N/A	N/A	N/A
38	3800	Layer	N/A	Topsoil	Dark grey brown silty clay with few sub-angular flint.	N/A	N/A	0.35
38	3801	Layer	N/A	Subsoil	Medium yellow brown silty clay with few sub-rounded flint.	N/A	N/A	0.34
38	3802	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave, 'V' shape base.	2>	0.42	0.46
38	3803	Fill	3802	1st fill of ditch	Yellow brown silty clay	N/A	N/A	0.22
38	3804	Fill	3802	2nd fill of ditch	Medium yellow brown silty clay with few sub-rounded flint.	N/A	N/A	0.29
38	3805	Layer	N/A	Natural	Light yellow grey sandy clay with frequent sub-rounded flint and flecks of chalk.	N/A	N/A	N/A
39	3900	Layer	N/A	Topsoil	Dark brown grey silty clay silt.	N/A	N/A	0.24
39	3901	Layer	N/A	Subsoil	Medium grey brown sandy silty clay.	N/A	N/A	0.22
39	3902	Layer	N/A	Natural	Light yellow grey sandy clay with frequent sub-rounded flint and flecks of chalk.	N/A	N/A	N/A
39	3903	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave sides with concave base.	2>	1.91	0.68
39	3904	Fill	3903	1st fill of ditch	Medium yellow brown sandy silty clay with occasional chalk and flecks of charcoal.	N/A	N/A	0.16

39	3905	Fill	3903	1st fill of ditch	Light yellow brown silty clay with occasional sub-rounded flint and flecks of charcoal.	N/A	N/A	0.32
39	3906	Fill	3903	2nd fill of ditch	Medium brown grey silty clay with moderate sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.33
39	3907	Fill	3903	3rd fill of ditch	Medium yellow brown sandy silty clay with few sub rounded flint and flecks of chalk.	N/A	N/A	0.25
39	3908	Fill	3903	4th fill of ditch	Medium grey brown sandy silty clay with few sub-angular flint and flecks of chalk.	N/A	N/A	0.2
39	3909	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave edges with concave base.	2>	0.52	0.24
39	3910	Fill	3909	Fill of ditch	Light yellow brown sandy silty clay with occasional sub-angular flint and flecks of chalk.	N/A	N/A	0.24
39	3911	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Shallow concave edges with concave, almost flat, base.	2>	0.94	0.1
39	3912	Fill	3911	Fill of ditch	Medium grey brown sandy silty clay with occasional sub-angular flint and chalk.	N/A	N/A	0.1
40	4000	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.27
40	4001	Layer	N/A	Natural	Light yellow grey sandy clay with frequent sub-rounded flint and flecks of chalk.	N/A	N/A	N/A
40	4002	Cut	N/A	Ditch; same as 4005	Linear ditch on a NE-SW alignment. Steep concave edges and concave base.	1>	1.29	0.48
40	4003	Fill	4002	1st fill of ditch; same as 4006	Medium yellow brown sandy clay.	N/A	N/A	0.15
40	4004	Fill	4002	2nd fill of ditch; same as 4007	Medium brown grey sandy clay.	N/A	N/A	0.48
40	4005	Cut	N/A	Ditch; same as 4002	Linear ditch on a NE-SW alignment. Steep concave edges and concave base.	1>	1.58	0.55
40	4006	Fill	4005	1st fill of ditch; same as 4003	Medium yellow brown sandy clay.	N/A	N/A	0.3
40	4007	Fill	4005	2nd fill of ditch; same as 4004	Medium brown grey sandy clay	N/A	N/A	0.33
40	4008	Fill	4005	3rd fill of ditch	Dark black grey sandy clay with fired red clay	N/A	N/A	0.16
41	4100	Layer	N/A	Topsoil	Dark grey brown silty clay with few sub-	N/A	N/A	0.22

					rounded flint			
41	4101	Layer	N/A	Subsoil	Medium yellow brown silty clay with few rounded and sub-rounded flint	N/A	N/A	0.09
41	4102	Layer	N/A	Natural	Yellow brown silty clay	N/A	N/A	N/A
41	4103	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave edges and concave base.	1>	2.44	0.15
41	4104	Fill	4103	Fill of ditch	Grey brown silty clay with few sub-rounded flint.	N/A	N/A	0./15
42	4200	Layer	N/A	Topsoil	Medium grey brown silty clay silt.	N/A	N/A	0.22
42	4201	Layer	N/A	Subsoil	Medium grey brown silty clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.14
42	4202	Layer	N/A	Natural	Medium yellow brown sandy clay with sub-rounded flint and chalk.	N/A	N/A	N/A
43	4300	Layer	N/A	Topsoil	Grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.35
43	4301	Fill	4302	Deliberate backfill	Grey brown silty clay with occasional sub-rounded flint and brick.	N/A	N/A	0.5
43	4302	Cut	N/A	Ditch	Linear ditch on NE-SW alignment. Gradual concave edges with concave base.	1>	0.85	0.5
43	4303	Layer	N/A	Natural	Medium yellow brown sandy clay with sub-rounded flint and chalk.	N/A	N/A	N/A
44	4400	Layer	N/A	Topsoil	Medium grey brown clay silt with occasional sub-angular flint and chalk.	N/A	N/A	0.28
44	4401	Layer	N/A	Natural	Light yellow grey clay with frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
44	4402	Masonry	4403	Post pad?	Large, un-worked limestone.	N/A	0.13	0.32
44	4403	Cut	N/A	Post hole?	Sub-circular possible post hole. Gradual concave sides with concave base.	N/A	0.33	0.15
44	4404	Fill	4407	Secondary deposit	Medium black grey clay silt with few sub-rounded and sub-angular flint. Evidence of root disturbance.	N/A	N/A	0.33
44	4405	Fill	4407	Secondary deposit	Medium yellow brown silty clay with sub-angular flint and flecks of charcoal.	N/A	N/A	0.24

44	4406	Fill	4407	Secondary deposit	Medium yellow brown silty clay with frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	0.18
44	4407	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Steep concave sides with concave base.	0.8>	2	0.67
44	4408	Fill	4409	Secondary deposit	Medium yellow brown silty clay with frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	0.20>
44	4409	Cut	N/A	Ditch?	Possible linear ditch on a NE-SW alignment. Shape and form not established during investigation.	N/A	N/A	0.20>
44	4410	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Steep concave edges with concave, almost flat, base.	0.70>	0.35	0.16
44	4411	Fill	4410	Secondary deposit	Light yellow brown silty clay with occasional sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.16
45	4500	Layer	N/A	Topsoil	Medium grey brown clay silt with few sub-rounded flint and chalk	N/A	N/A	0.22
45	4501	Layer	N/A	Natural	Light yellow brown clay with moderate sub-rounded flint and chalk	N/A	N/A	N/A
46	4600	Layer	N/A	Topsoil	Dark grey brown silty clay with frequent sub-angular flint	N/A	N/A	0.28
46	4601	Void	Void	Void	Void	N/A	N/A	N/A
46	4602	Layer	N/A	Natural	Medium yellow brown clay with grey blue clay containing few sub-angular flint and chalk	N/A	N/A	N/A
47	4700	Layer	N/A	Topsoil	Dark grey brown clay silt with moderate sub-rounded flint.	N/A	N/A	0.26
47	4701	Layer	N/A	Natural	Light grey blue clay with yellow brown striations containing few sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
47	4702	Cut	N/A	Tree bole	Sub-oval, irregular tree bole. Gradual irregular sides. Base unknown. Not fully excavated.	2.70>	0.76>	0.40>
47	4703	Fill	4702	Secondary deposit	Medium grey brown silty clay with few sub-rounded flint and chalk and flecks of iron panning.	N/A	N/A	0.40>

48	4800	Layer	N/A	Topsoil	Medium grey brown clay silt with few sub-rounded flint and chalk.	N/A	N/A	0.21
48	4801	Layer	N/A	Natural	Medium yellow brown sandy clay with moderate sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
49	4900	Layer	N/A	Topsoil	Dark grey brown silty clay with frequent sub-rounded and sub-angular flint.	N/A	N/A	0.32
49	4901	Layer	N/A	Natural	Light yellow grey clay with frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
50	5001	Layer	N/A	Topsoil	Dark grey brown clay with few sub-rounded flint and chalk.	N/A	N/A	0.3
50	5002	Layer	N/A	Natural	Light brown grey with few sub-rounded flint and chalk.	N/A	N/A	N/A
50	5003	Cut	N/A	Ditch	Possible ring/penannular ditch on a E-W alignment. Steep-moderate concave sides with 'V' shape base.	1.5>	0.2	0.3
50	5004	Fill	5003	Secondary deposit	Medium brown grey clay with few sub-rounded flint.	N/A	N/A	0.25
50	5005	Fill	5003	Primary deposit	Light brown grey clay with few sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.05
50	5006	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Steep-moderate concave sides with 'V' shape base.	2>	0.67	0.31
50	5007	Fill	5006	Secondary deposit	Medium brown grey clay with few sub-rounded flint and burnt flint.	N/A	N/A	0.29
50	5008	Fill	5006	Primary deposit	Light brown grey clay with few sub-rounded flint and flecks of charcoal and chalk.	N/A	N/A	0.02
51	5100	Layer	N/A	Topsoil	Medium grey brown silty clay silt with frequent sub-rounded flint and chalk.	N/A	N/A	0.33
51	5101	Layer	N/A	Natural	Medium grey yellow clay with frequent sub-rounded flint and chalk.	N/A	N/A	N/A
51	5102	Cut	N/A	Ditch	Linear ditch on a NNW-SSE alignment. Steep concave sides with concave base.	0.75>	0.74	0.47
51	5103	Fill	5102	Primary deposit	Medium yellow brown clay with few sub-angular flint and chalk.	N/A	N/A	0.17

51	5104	Fill	5102	Secondary deposit	Medium brown grey clay with occasional sub-rounded flint and chalk.	N/A	N/A	0.34
51	5105	Cut	N/A	Furrow	Linear furrow on a NW-SE alignment. Shallow concave edges, concave base.	1m>	0.5>	0.22
51	5106	Fill	5105	Secondary deposit	Medium yellow grey clay with few sub-rounded flint and chalk.	N/A	N/A	0.22
51	5107	Cut	N/A	Furrow	Linear furrow on a NW-SE alignment. Shallow concave edges, concave base.	1>	3	0.35
51	5108	Fill	5107	Secondary deposit	Medium yellow grey clay with few sub-rounded flint and chalk.	N/A	N/A	0.35
52	5200	Layer	N/A	Topsoil	Medium grey brown silty clay.	N/A	N/A	0.3
52	5201	Fill		Secondary deposit	Medium grey brown silty clay with few sub-rounded flint and chalk and flecks of iron panning.	N/A	N/A	0.23
52	5202	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave edges. Base unknown. Not fully excavated.	1>	1.65	0.23
52	5203	Layer	N/A	Natural	Light yellow brown clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
52	5204	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave edges. Base unknown. Not fully excavated.	1>	3.13	0.59>
52	5205	Fill	5204	Secondary deposit	Medium brown grey clay with few sub-rounded flint and chalk.	N/A	N/A	0.2
52	5206	Fill	5204	Secondary deposit	Medium green brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.22
52	5207	Fill	5204	Secondary deposit	Medium yellow brown silty clay with few sub-rounded flint and chalk and flecks of manganese.	N/A	N/A	0.23
52	5208	Fill	5204	Deliberate backfill	Medium brown grey silty clay with frequent flecks of charcoal.	N/A	N/A	0.07
52	5209	Cut	N/A	Furrow	Linear furrow on a N-S alignment. Gradual concave sides with concave base.	0.8>	1.28>	0.23>
52	5210	Fill	5209	Secondary deposit	Medium yellow grey clay with few sub-rounded flint and chalk.	N/A	N/A	0.23
52	5211	Void	Void	Void	Void	N/A	N/A	N/A

52	5212	Cut	N/A	Furrow	Linear furrow on a N-S alignment. Gradual concave sides with concave base.	0.8>	1.28>	0.22
52	5213	Fill	5212	Secondary deposit	Medium yellow grey clay with few sub-rounded flint and chalk.	N/A	N/A	0.22
52	5214	Cut	N/A	Post hole?	Sub-circular, irregular possible post hole. Shallow concave sides with concave base.	N/A	0.4	0.12
52	5215	Fill	5214	Secondary deposit	Medium grey brown silty clay.	N/A	N/A	0.12
52	5216	Cut	N/A	Post hole?	Sub-circular, irregular possible post hole. Shallow concave sides with concave base.	N/A	0.31	0.08
52	5217	Fill	5216	Secondary deposit	Sub-circular, irregular possible post hole. Shallow concave sides with concave base.	N/A	N/A	0.08
52	5218	Cut	N/A	Post hole?	Sub-circular, irregular possible post hole. Shallow concave sides with concave base.	N/A	0.37	0.09
52	5219	Fill	5218	Secondary deposit	Sub-circular, irregular possible post hole. Shallow concave sides with concave base.	N/A	N/A	0.09
52	5220	Cut	N/A	Pit?	Sub-circular pit. Gradual concave edges with concave base.	N/A	0.52	0.17
52	5221	Fill	5220	Deliberate backfill	Medium brown grey silty clay with frequent sub-rounded flint and chalk with flecks of charcoal and iron panning.	N/A	N/A	0.17
52	5222	Fill	5202	Secondary deposit	Dark grey brown silty clay with sub-rounded flint and flecks of charcoal.	N/A	N/A	0.21
52	5223	Cut	N/A	Furrow	Furrow aligned N/S	>0.36	2.5	>0.32
52	5224	Fill	5223	Fill of furrow	Light grey brown silty clay with few sub-rounded flint and chalk	N/A	N/A	0.32>
52	5225	Cut	N/A	Furrow	Linear furrow on a N-S alignment. Gradual concave sides with concave base.	0.8>	1.4	0.15
52	5226	Fill	5225	Secondary deposit	Medium yellow grey clay with few sub-rounded flint and chalk.			0.15
52	5227	Cut	N/A	Furrow	Linear furrow on a N-S alignment. Gradual concave sides with concave base.	0.8>	0.9	0.25
52	5228	Fill	5227	Secondary	Medium yellow grey clay	N/A	N/A	0.25

				deposit	with few sub-rounded flint and chalk.			
53	5300	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.25
53	5301	Fill	5302	Secondary deposit	Light yellow brown silty clay with few sub-rounded flint and chalk.			0.05
53	5302	Cut	N/A	Plough scar	Linear plough scar.	1>	0.2	0.05
53	5303	Fill	5204	Secondary deposit	Medium yellow brown silty clay.	N/A	N/A	0.15
53	5304	Cut	N/A	Ditch?	Possible linear ditch on a E-W alignment. Shallow concave with concave base	1>	1.3	0.15
53	5305	Layer	N/A	Natural	Light yellow brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
54	5400	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.3
54	5401	Layer	N/A	Natural	Yellow grey silty clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
55	5500	Layer	N/A	Topsoil	Grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.3
55	5501	Layer	N/A	Natural	Yellow grey silty clay with pockets of yellow brown sandy gravel containing few sub-rounded flint and chalk.	N/A	N/A	N/A
56	5600	Layer	N/A	Topsoil	Medium grey brown silty clay with frequent sub-rounded flint.	N/A	N/A	0.3
56	5601	Layer	N/A	Subsoil	Medium grey brown silty clay with frequent sub-rounded flint.	N/A	N/A	0.18
56	5602	Layer	N/A	Natural	Yellow brown clay with frequent sub-rounded flint.	N/A	N/A	0.3
56	5603	Layer	N/A	Geology	Yellow brown silty clay with occasional sub-rounded flint.	N/A	N/A	0.3
56	5604	Layer	N/A	Geology	Light grey brown silty clay with occasional sub-rounded flint.	N/A	N/A	0.35
56	5605	Layer	N/A	Geology	Medium grey brown sandy clay with yellow brown silty sandy clay containing few sub-rounded flint.	N/A	N/A	0.14>
57	5700	Layer	N/A	Topsoil	Light grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.25
57	5701	Layer	N/A	Natural	Yellow grey silty clay with pockets of yellow brown sand and gravel.	N/A	N/A	N/A
58	5800	Layer	N/A	Topsoil	Medium grey brown silty	N/A	N/A	0.23

					clay silt.			
58	5801	Layer	N/A	Natural	Medium red brown clayey sand with pockets of sand and gravel.	N/A	N/A	N/A
58	5802	Cut	N/A	Ditch	Linear ditch on a E-W alignment. Moderate concave edges with concave base.	9.3>	0.4	0.08
58	5803	Fill	5802	Secondary deposit	Dark grey brown silty clay with occasional sub-rounded flint and chalk and flecks of charcoal.	N/A	N/A	0.08
59	5900	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.3
59	5901	Fill	N/A	Secondary deposit	Dark yellow brown silty clay with occasional sub-rounded chalk and flecks of iron panning.	N/A	N/A	0.3
59	5902	Cut	N/A	Ditch	Linear ditch on a E-W alignment. Gradual concave edges with irregular concave base.	0.8>	1.8	0.3
59	5903	Layer	5902	Natural	Yellow brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
60	6000	Layer	N/A	Topsoil	Dark brown grey clay with few sub-rounded flint and chalk.	N/A	N/A	0.2
60	6001	Layer	N/A	Natural	Light yellow brown clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
60	6002	Cut	N/A	Ditch terminus	Linear ditch terminus on a E-W alignment. Shallow concave with concave base.	0.75>	0.55>	0.29
60	6003	Fill	6002	Primary deposit	Lght grey brown silty clay with few sub-rounded flint and chalk and few flecks of charcoal.	N/A	N/A	0.17
60	6004	Fill	6002	Secondary deposit	Dark grey brown clay with few sub-rounded flint and chalk and flecks of charcoal.	N/A	N/A	0.13
60	6005	Cut	N/A	Ditch terminus	Linear ditch terminus on a NW-SE alignment. Shallow concave with concave base	0.75>	0.36	0.23
60	6006	Fill	6005	Secondary deposit	Dark grey brown clay with few sub-rounded flint and chalk and flecks of charcoal.	N/A	N/A	0.23
61	6100	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.26

61	6101	Layer	N/A	Subsoil	Brown silty clay with few sub-rounded flint.	N/A	N/A	0.16
61	6102	Layer	N/A	Natural	Yellow brown clay frequent sub-rounded flint.	N/A	N/A	N/A
61	6103	Cut	N/A	Ditch?	Linear ditch on a E-W alignment. Shallow concave edges with concave base.	1>	1.2	0.09
61	6104	Void	Void	Void	Void	N/A	N/A	N/A
61	6105	Void	Void	Void	Void	N/A	N/A	N/A
61	6106	Fill	6103	Secondary deposit	Medium grey brown clay with occasional sub-rounded and sub-angular flint.	N/A	N/A	0.09
61	6107	Cut	N/A	Land Drain	Cut of ceramic land drain.	2>	0.2	0.5>
61	6108	Fill	6107	Deliberate backfill	Ceramic land drain.	N/A	N/A	0.5>
62	6200	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-rounded flint.			
62	6201	Layer	N/A	Subsoil	Brown silty clay with few sub-rounded flint.			
62	6202	Layer	N/A	Natural	Yellow brown clay frequent sub-rounded flint.			
62	6203	Cut	N/A	Ditch	Linear ditch on a NE-SW alignment. Steep concave edges. Base unknown. Not fully excavated.	2.1>	2	0.7
62	6204	Fill	6203	Secondary deposit	Yellow brown silty clay with frequent sub-rounded flint.	N/A	N/A	0.14
62	6205	Fill	6203	Secondary deposit	Light grey brown silty clay with occasional sub-rounded flint.	N/A	N/A	0.63
62	6206	Fill	6203	Secondary deposit	Light grey brown silty clay with occasional sub-rounded flint.	N/A	N/A	0.16
62	6207	Fill	6203	Secondary deposit	Medium grey brown silty clay with few sub-rounded flint.	N/A	N/A	0.29
62	6208	Fill	6203	Secondary deposit	Yellow brown silty clay with few sub-rounded flint.	N/A	N/A	0.2
62	6209	Cut	N/A	Furrow	Linear furrow on a NE-SW alignment. Shallow concave edges with concave base.	2>	1.3	0.11
62	6210	Fill	6209	Secondary deposit	Grey brown silty clay with occasional sub-rounded flint and flecks of charcoal.	N/A	N/A	0.11
63	6300	Layer	N/A	Topsoil	Medium grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.3

63	6301	Layer	N/A	Natural	Yellow brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
63	6302	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Unexcavated	2>	2.7	N/A
63	6303	Fill	6202	Secondary deposit	Medium grey brown silty clay with few sub-rounded flint.	N/A	N/A	N/A
64	6400	Layer	N/A	Topsoil	Medium brown grey silty clay silt.	N/A	N/A	0.17
64	6401	Layer	N/A	Natural	Light yellow brown silty clay with pockets of light blue grey clay containing sub-rounded flint and chalk.	N/A	N/A	N/A
65	6500	Layer	N/A	Topsoil	Medium brown grey silty clay silt.	N/A	N/A	0.32
65	6501	Layer	N/A	Natural	Medium red brown clayey sand with pockets of sand and gravel.	N/A	N/A	N/A
66	6600	Layer	N/A	Topsoil	Dark grey brown clay silt with moderate sub-rounded flint.	N/A	N/A	0.24
66	6601	Layer	N/A	Natural	Medium yellow brown sandy clay with frequent sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
67	6700	Layer	N/A	Topsoil	Dark grey brown clay with few sub-rounded flint and chalk.	N/A	N/A	0.25
67	6701	Layer	N/A	Natural	Light yellow brown clay with few sub-rounded flint and chalk.	N/A	N/A	N/A
67	6702	Cut	N/A	Ditch	Linear ditch on a E-W alignment. Steep concave edges with 'V' shape base.	2>	0.45	0.3
67	6703	Fill	6702	Secondary deposit	Dark grey brown clay with few sub-rounded flint and chalk.	N/A	N/A	0.3
67	6704	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave edges with concave, almost flat, base.	2>	0.75	0.2
67	6705	Fill	6704	Secondary deposit	Medium grey brown clay with few sub-rounded flint and flecks of chalk.	N/A	N/A	0.2
67	6706	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Gradual concave sides with a concave, almost flat, base.	2>	0.28	0.08
67	6707	Fill	6706	Secondary deposit	Medium grey brown clay with few sub-rounded flint and flecks of chalk and manganese.	N/A	N/A	0.08

67	6708	Cut	N/A	Ditch	Linear ditch on a NW-SE alignment. Shallow concave edges with concave, almost flat, base.	2>	0.65	0.23
67	6709	Fill	6708	Secondary deposit	Medium grey brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.23
68	6800	Layer	N/A	Topsoil	Medium grey brown clay silt with moderate sub-rounded and sub-angular flint.	N/A	N/A	0.24
68	6801	Layer	N/A	Natural	Medium yellow brown sandy clay with moderate sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
69	6900	Layer	N/A	Topsoil	Medium grey brown clay silt with moderate sub-rounded and sub-angular flint.	N/A	N/A	0.28
69	6901	Layer	N/A	Natural	Medium yellow brown sandy clay with few sub rounded flint.	N/A	N/A	N/A
70	7000	Layer	N/A	Topsoil	Medium grey brown clay silt with moderate sub-rounded and sub-angular flint.	N/A	N/A	0.22
70	7001	Layer	N/A	Natural	Medium yellow brown sandy clay with few sub rounded flint.	N/A	N/A	N/A
73	7300	Layer	N/A	Topsoil	Medium grey brown sandy silt with the occasional sub-rounded flint and flecks of charcoal and CBM.	N/A	N/A	0.28
73	7301	Layer	N/A	Natural	Medium yellow brown clay with few sub-rounded and sub-angular flint.	N/A	N/A	N/A
74	7400	Layer	N/A	Topsoil	Medium grey brown clay silt with occasional sub-rounded and sub-angular flint and chalk.	N/A	N/A	0.26
74	7401	Layer	N/A	Natural	Medium yellow brown clay with moderate sub-rounded and sub-angular flint.	N/A	N/A	N/A
76	7600	Layer	N/A	Topsoil	Medium grey brown clay silt with few sub-rounded and sub-angular flint.	N/A	N/A	0.28
76	7601	Layer	N/A	Natural	Medium yellow brown clay with moderate sub-rounded and sub-angular flint and chalk.	N/A	N/A	N/A
76	7602	Cut	N/A	Ditch	Linear ditch on a N-S alignment. Gradual concave sides with	N/A	N/A	0.22

					concave base.			
76	7603	Fill	7602	Secondary deposit	Medium yellow brown silty clay with few sub-rounded flint and chalk.	N/A	N/A	0.22

APPENDIX B: THE FINDS

By Jacky Sommerville, CA

Artefactual material, comprising mainly pottery ranging in date from Bronze Age/Iron Age to post-medieval, was recovered from 72 separate deposits (Table B1). One fragment of Roman ceramic building material was recovered unstratified. The finds were scanned by context and quantified according to count and weight in grammes. A concordance is supplied (Table B2) which matches Roman pottery types to the National Roman Fabric Reference Collection (Tomber and Dore 1998) and to codings used for pottery from previous largescale excavations in Milton Keynes (Marney 1989).

Metal finds included a copper alloy thimble dating to the 18th century from fill 2502 of furrow 2503. Nails and fragmentary objects of iron are not dateable but the majority derive from deposits containing either Roman or post-medieval material and similar dating is implied.

Small amounts of unworked, burnt flint were recovered from ditch fill 406 (which contains Roman material) and ditch fill 5205 (which contains late prehistoric material). Neither burnt flint deposit appears to be associated with either industrial activity or the production of flint-tempered pottery.

Pottery: Prehistoric (Tables B1–B2)
Quantities of pottery considered to be of late prehistoric (Late Bronze Age to Iron Age) date were recovered from nine deposits. Featured sherds were not present and the broad dating is on the basis of fabric (table 2) and firing characteristics.

Pottery from selected deposits is attributable with some confidence to the Middle Iron Age on the basis of identifiable vessel forms and decoration. A group of 20 sherds in a limestone-and-organic tempered fabric from ditch fill 5004 includes sherds with scored decoration, typical for the period in the east Midlands region and extending southwards (Elsdon 1992). A group from ditch fill 5007 consists of ten sherds pottery, three in a shell tempered fabric and seven in a limestone-and-flint tempered fabric. One of the latter sherds also featured scored decoration.

Pottery: Roman and 'Transitional' (Tables B1–B2)
A substantial proportion of the recovered pottery, including material from ditch fills 404, 703, 705, 706 (the latter two from the same ditch) and 712 represented types characteristic of the period spanning the Late Iron Age/Roman transition (the first centuries AD and BC). The majority of this pottery is made on 'Belgic' grogged fabrics (Milton Keynes Fabric 46; Marney 1989, 190). Many sherds were unfeatured or consist of clearly wheelthrown vessels with raised cordons or grooves. However, the following decoration was noted: a sherd from ditch fill 723 with scored decoration; a sherd from ditch fill 726 representing the rim of a lid-seated jar with fingernail decoration; and cordoned decoration on sherds from ditch fills 406 and 714. Lid-seated (channel-rimmed) jars are a form which is particularly common from this region and across the mid-1st to 2nd centuries, with indications that fingernail slashed rims are early in this range (Friendship-Taylor 1999, 13)

The bulk of the remained of the Roman pottery consists of reduced sandy and shelly coarsewares, most of which can be expected to be of relatively local origin. Little of this material is in itself closely dateable, although there are indications from the regionally or continental traded wares that the assemblage belongs primarily to the early or Middle Roman period (c. the later 1st to 3rd centuries AD). Early Local sand-tempered Ware sherds (Milton Keynes Fabric 47; Marney 1989, 70-74) were recovered from ditch fills 406, 503, 2702, 3311 and 6003. This included 51 sherds, with many joins, from fill 406, representing jars with cordoned necks and two lines of grooved decoration around the shoulder of the vessel.

Regional ware types are largely composed of earlier Roman types; the scarcity of products from the major Late Roman production centres from the Lower Nene valley and Oxfordshire is significant. of Sherds of Verulamium Region White ware were recovered from several deposits: ditch fills 305, 308 3008, 3311 and 3312 (the latter two are fills of the same ditch). This ware was produced at potteries near Verulamium (modern St. Albans) and Watling Street in London, and distributed during the first and second centuries AD. The majority of sherds from the assemblage are unfeatured. However, fill 3312 contains sherds representing a flagon of type 159, a variant of the ring-neck flagon (Davies et al. 1994, 40-44).

A sherd from the flange of an Oxfordshire White-ware mortarium, type M17, was recovered from ditch fill 4004. This form dates to AD 240-300 (Young 1977, 72-74).

Ditch fill 3307 produced 11 sherds of Black Burnished Ware which was produced near Poole in Dorset. Burnished lattice decoration is present on several sherds. Black Burnished Ware was found outside Dorset from the second to fourth centuries (Davies et al. 107, 1994).

Imported Gaulish samian ware was recovered from four deposits: ditch fills 3203, 3307, 4004 and 4006. The sherd from fill 3203 was identified as Central Gaulish, exported c. AD 120–200. The 22 sherds of samian ware from fill 4006 are mostly heavily abraded. They include a rimsherd of form 31, a shallow bowl, common after c. AD 150. Fill 4004 includes several joining Central Gaulish sherds from a form 37 vessel, decorated bowl.

Ceramic building material
Roman ceramic building material amounting to 29 fragments weighing (1,010g). This material included *tegula*, *imbrex*, brick and other tile fragments.

References
Davies, B, Richardson, B and Tomber, R 1994 *The archaeology of Roman London Volume 5: A dated corpus of early Roman pottery from the City of London* CBA Research Report **98** London: Museum of London and Council for British Archaeology

Elsdon, SM 1992 'East Midlands Scored Ware', *Trans. Leics. Archaeol. Hist. Soc*. **66**, 83–91

Friendship-Taylor, RM 1999 'Late La Tène Pottery of the Nene and Welland Valleys of Northamptonshire: with particular reference to Channel-rim Jars' *Brit. Archaeol. Rep. Brit. Ser.* **280**, Oxford: British Archaeological Reports

Marney, PT 1989 *Roman & Belgic Pottery: From Excavations in Milton Keynes 1972-82* Buckingham Archaeological Society Monograph Series No. **2** Aylesbury: Buckingham Archaeological Society

Tomber, R and Dore, J 1998 *The National Roman Fabric Reference Collection: A Handbook* MOLaS Monograph **2** London

Young, CJ 1977 *Oxfordshire Roman Pottery* British Archaeological Reports **43** Oxford.

Table B1: Finds concordance
* LSJ = lid-seated jar

Context	Description*	Count	Weight(g)	Spot-date
0	Roman CBM	1	24	RB
125	Slag: fuel ash	1	16	-
305	Roman pottery: grog-and-sand tempered Roman pottery: early grey ware Roman pottery: Verulamium white ware Animal bone	11 2 5 6	73 83	LC1-C2
308	Roman pottery: shell tempered (LSJ) Roman pottery: Verulamium white ware Animal bone	12 5 5	92 18	MC1-LC1
404	Roman pottery: grog tempered (Belgic) Roman pottery: black sand tempered Roman pottery: shell tempered (LSJ)(hole) Roman pottery: early reduced fabric Animal bone	32 7 7 6 13	473 175	MC1-LC1
406	Roman pottery: black sand tempered (LSJ) Roman pottery: early Milton Keynes sandy coarse ware Roman pottery: shell tempered Roman pottery: grey ware Roman pottery: grog-and-sand tempered Roman pottery: grog tempered (Belgic)(cordon) Animal bone Burnt flint	39 51 5 7 17 23 11 1	2178 85 3	LC1-C2
411	Roman pottery: sand tempered Roman pottery: shell tempered Roman pottery: grog tempered (Belgic) Animal bone	11 4 4 3	35 4	MC1-LC1
415	CBM	1	10	Roman?
503	Roman pottery: grog tempered (Belgic) Roman pottery: early Milton Keynes sandy coarse ware Roman pottery: shell tempered Animal bone Fired/burnt clay	4 5 3 12 3	81 44 41	MC1-LC1

Context	Description*	Count	Weight(g)	Spot-date
703	Roman pottery: grog tempered (Belgic) Roman pottery: shell tempered Fired/burnt clay Animal bone	12 5 3 1	55 20 41	C1
705	Roman pottery: grog tempered (Belgic) Roman pottery: shell tempered (LSJ) Roman pottery: grog-and-sand tempered (cordon) Fired/burnt clay Animal bone	22 3 3 13 1	167 135 0	MC1
706	Roman pottery: grog tempered (Belgic)	19	123	C1
708	Roman pottery: grog tempered (Belgic) Roman pottery: shell tempered Fired/burnt clay	2 2 1	29 30	MC1
709	Animal bone	2	0	-
711	Roman pottery: grog tempered (Belgic) Roman pottery: shell tempered Fired/burnt clay	5 1 2	32 5	C1
712	Roman pottery: grog and quartz temper (1 vessel, LSJ, fingernail) Roman pottery: grog tempered (Belgic) Roman pottery: shell tempered Fired/burnt clay	39 4 1 5	505 74	MC1
714	Roman pottery: grog tempered (Belgic) Animal bone CBM	6 14 1	8 36 4	C1
718	Roman pottery: grog tempered (Belgic) Roman pottery: grog-and-sand tempered	2 3	8	C1
723	Transitional pottery: grog tempered scored ware Roman pottery: grog tempered (Belgic) Roman pottery: sand tempered Roman pottery: shell tempered Animal bone	1 5 3 1 2	117 6	C1
725	Roman pottery: grog tempered (Belgic) Roman pottery: black sand tempered (LSJ) Animal bone	4 3 5	36 4	MC1-LC1
726	Roman pottery: grog tempered (Belgic) (LSJ, fingernail)	10	88	MC1
735	Post-medieval CBM: tile	2	18	Post-medieval
740	Stone	1	5	
742	Late prehistoric pottery: shell tempered Animal bone	1 5	5 24	Late Prehistoric
1004	Fired/burnt clay	3	0	
2502	Post-medieval pottery: black glazed earthenware Post-medieval copper alloy: thimble Post-medieval CBM Iron nail Slate	1 1 2 2 1	0 6 36 14 9	C18
2504	Post-medieval pottery: glazed slipware Post-medieval CBM: tile Iron nail	1 1 2	4 9 9	Post-medieval
2702	Roman pottery: grog tempered (Belgic) Roman pottery: early Milton Keynes sandy coarse ware Roman pottery: shell tempered (LSJ) Roman pottery: oxidised Roman pottery: pale oxidised Roman pottery: black sand tempered Roman pottery: grog-and-sand tempered Roman pottery: grey ware Roman pottery: sandy white ware Fired/burnt clay Burnt stone Stone Animal bone	3 21 8 10 1 4 7 7 1 2 3 2 11	751 12 117 837 102	MC1-LC1

Context	Description*	Count	Weight(g)	Spot-date
2903	Roman pottery: oxidised fabric	1	3	RB
	Fired/burnt clay	2	19	
2904	Fired/burnt clay	5	18	-
3005	Roman pottery: grog tempered (Belgic)	1	4	C1
	Animal bone	1	2	
3008	Roman pottery: Verulamium white ware	1	144	LC1-C2
	Roman pottery: grog-and-sand tempered	4		
	Roman pottery: black sand tempered	4		
	Roman pottery: shell tempered	3		
	Roman pottery: oxidised fabric	1		
	Animal bone	110	1347	
3203	Roman pottery: Samian ware (Central Gaulish)	1	0	C2
	Roman pottery: shell tempered, hand-made	13	181	
	Roman pottery: grey ware (two burnt)	6		
	Roman pottery: black sand tempered (LSJ)	5		
	Animal bone	13	71	
	Slag (iron working)	4	124	
3204	Roman pottery: Samian ware	3	13	LC2-C3
	Roman pottery: pink grog tempered ware	2	127	
	Roman pottery: fine white ware	2		
	Roman pottery: shell tempered	6		
	Roman pottery: black sand tempered	2		
	Roman pottery: oxidised	4		
	Roman CBM: tegula	4	417	
	Iron strip	1	32	
	Slag	1	21	
	Animal bone	1	2	
3304	Roman pottery: shell tempered	1	119	C3-C4
	Roman pottery: oxidised	1		
	Animal bone	1	2	
3305	Roman pottery: Samian ware	1	3	LC3-C4
	Roman pottery: pink grog tempered ware	7	335	
	Roman pottery: Oxfordshire red slip ware mortarium	1		
	Roman pottery: grog tempered (Belgic)	1		
	Roman pottery: shell tempered	1		
	Roman pottery: grey ware	3		
	Roman pottery: oxisided	5		
	Roman CBM: tegula, brick	3	398	
	Animal bone	8	96	
	Slag (iron working)	4	241	
3307	Roman pottery: Samian ware	1	3	LC2-C4
	Roman pottery: Black Burnished ware	11	71	
	Roman pottery: sand-and-grog tempered	1		
	Roman pottery: black sand tempered	1		
	Roman pottery: shell tempered	3		
	Roman pottery: oxidised fabric	1		
	Iron object fragments, including one riveted strip	5	105	
3308	Roman pottery: Samian ware	3	26	
	Roman pottery: pink grog tempered ware	5	136	
	Roman pottery: grog tempered (Belgic)	2		
	Roman pottery: grog-and-sand tempered	2		
	Roman pottery: shell tempered	1		
	Roman pottery: grey ware	2		
	Roman pottery: oxidised	2		
	Roman CBM: tile	1	124	
	Slag	1	112	
3309	Roman pottery: Samian ware	2	22	LC2-C3
	Roman pottery: pink grog tempered ware	3	91	
	Roman pottery: grog tempered (Belgic)	1		
	Roman pottery: grog-and-sand tempered	2		
	Roman pottery: fine white ware	2		
	Roman pottery: grey ware	5		
	Roman pottery: oxidised	2		
	Roman CBM: tegula, imbrex	2	277	C3-C4
	Iron objects	5	66	

Context	Description*	Count	Weight(g)	Spot-date
	Animal bone	14	91	
3311	Roman pottery: Verulamium white ware	6	822	MC1-LC1
	Roman pottery: early Milton Keynes sandy coarse ware	3		
	Roman pottery: grog tempered (Belgic)	22		
	Roman pottery: shell tempered	4		
	Roman pottery: grey ware	17		
	Roman pottery: black sand tempered	2		
3312	Roman pottery: Verulamium white ware (flagon 159)	11	276	LC1-EC2
	Roman pottery: shell tempered			
	Roman pottery: black coarse sand tempered	1		
	Roman pottery: fine grey ware	1		
	Roman pottery: oxidised fabric	2		
		1		
	Animal bone	1	32	
3314	Roman pottery: pink grog tempered ware	2	118	LC2-C4
	Roman pottery: shell tempered	3		
	Roman pottery: black sand tempered	2		
	Roman pottery: grey ware	16		
	Animal bone	2	249	
	CBM	1	9	
3319	Roman pottery: Samian ware(27)	1	9	EC2-MC2
3406	Bronze Age/Iron Age pottery: very coarse shell tempered	4	92	BA-IA
	Animal bone	14	22	
3409	Animal bone	12	94	-
3410	Burnt stone	1	35	-
	Animal bone	6	24	
3411	Transitional pottery: shell tempered	2	8	IA-C1
	Fired/burnt clay object fragments	5	223	
	Animal bone	4	28	
3504	Roman pottery: grog-and-sand tempered	15	55	MC1-LC1
	Animal bone	74	239	
3906	Transitional pottery	6	11	IA-C1
	Fired/burnt clay	1	6	
	Animal bone	9	56	
3912	Roman pottery: grog tempered (Belgic)	6	63	C1
	Roman pottery: grog-and-quartz tempered	3		
	Roman pottery: shell tempered	1		
	Fired/burnt clay (possible oven fragments)	6	141	
4004	Roman pottery: Samian ware	65	185	LC2-EC3
	Roman pottery: oxidised flagon fabric with a white external slip	10	729	
	Roman pottery: grog tempered (Belgic)	2		
	Roman pottery: pink grog tempered ware	2		
	Roman pottery: Oxfordshire mortarium, Type 17	1		
	Roman pottery: coarse shell-tempered storage jar	1		
	Roman pottery: shell tempered	1		
	Roman pottery: black sand tempered	20		
	Roman pottery: grey ware	23		
	Roman pottery: pale oxidised ware	4		
	Roman CBM: brick and tile	21	319	
	Burnt stone	1	16	
	Fired/burnt clay	2	0	
	Iron nail	1	3	
	Animal bone	53	699	
4006	Roman pottery: Samian ware including form 31	22	29	MC2-LC2
	Roman pottery: grog-and-sand tempered	9	325	
	Roman pottery: black sand tempered	9		
	Roman pottery: fine black sand tempered	19		
	Roman pottery: grey ware	13		
	Roman pottery: moderately fine oxidised ware	4		
	CBM	1	3	
	Fired/burnt clay	4	12	
	Animal bone	24	150	

Context	Description*	Count	Weight(g)	Spot-date
4007	Roman pottery: oxidised fabric from a necked jar	65	218	Roman
4104	Post-medieval CBM: drainpipe	1	29	Post-medieval
4405	Post-medieval pottery: glazed earthenware	1	22	C18-C19
	Post-medieval CBM: tile	3	57	
5004	Middle Iron Age pottery: limestone-and-organic tempered (1 scored)	20	62	MIA
	Fired/burnt clay	1	2	
	Animal bone	4	10	
5007	Middle Iron Age pottery: scored limestone-and-flint tempered	7	32	MIA
	Middle Iron Age pottery: shell tempered	3		
	Animal bone	4	4	
5008	Late Prehistoric pottery: limestone tempered, hand-made	1	6	Late Prehistoric
5104	Late Prehistoric pottery: limestone tempered	1	5	Late Prehistoric
	Late Prehistoric pottery: coarse shell tempered	1		
	Animal bone	4	0	
5106	Post-medieval pottery: internally glazed earthenware	2	45	C18
5108	Post-medieval CBM	2	94	Post-medieval
5201	Post-medieval CBM: tile	2	19	Post-medieval
5205	Late Prehistoric pottery: limestone-and-organic tempered	1	32	Late Prehistoric
	Late Prehistoric pottery: sand tempered	1		
	Burnt flint	1	26	
	Animal bone	3	3	
5206	Late Prehistoric pottery: limestone tempered	1	0	Late Prehistoric
5207	Late Prehistoric pottery: coarse shell-tempered hand-made	8	29	Late Prehistoric
	Fired/burnt clay	1	6	
5208	Late Prehistoric pottery: limestone tempered	1	13	Late Prehistoric
	Late Prehistoric pottery: shell tempered	5		
5213	Roman pottery: pink grog tempered	1	94	C18-C19
	Roman pottery: black sand tempered	3		
	Roman pottery: oxidised fabric	1		
	Post-medieval pottery: black glazed earthenware	2	18	
	Slag	1	110	
5803	Late Prehistoric pottery: fine sand tempered	1	3	Late Prehistoric
6003	Iron Age pottery: organic-and-sand tempered	11	78	MC1-LC1
	Roman pottery: grog tempered (Belgic)	23	169	
	Roman pottery: early Milton Keynes sandy coarse ware	14		
	Roman pottery: shell tempered (LSJ)	7		
	Roman pottery: grey wares	3		
	Roman pottery: oxidised fabric	2		
	Fired/burnt clay	1	0	
	Animal bone	9	64	
6205	Late Prehistoric pottery: fine sand tempered	27	213	Late Prehistoric
	Animal bone	9	308	
6207	Late Prehistoric pottery: fine sand tempered	5	42	Late Prehistoric
	Animal bone	2	18	

Table B2: Pottery summary composition/quantification

*Marney 1989; † Tomber and Dore 1998

Description	Date range	MK fabric*	NRFRC†	Count
Late Prehistoric				
medium/coarse shell-tempered	IA	-	-	19
fine sand tempered	IA	-	-	28
limestone tempered	IA	-	-	4
limestone-and-flint tempered	IA	-	-	7
limestone-and-organic tempered	IA	-	-	21
sand tempered	IA	-	-	1
organic-and-sand tempered	IA	-	-	11
very coarse shell tempered	BA-IA	-	-	4
Sub-total (Late Pre)				*84*

Description	Date range	MK fabric*	NRFRC†	Count
Roman/transitional local/unsourced				
grog tempered	EMC1 AD	46	-	216
grog-and-sand tempered	EMC1 AD	46	-	112
Shell-tempered	C1-C4	1	-	89
black coarse sand tempered	MC1-C2	3	-	1
Sandy reduced	RB	3	-	14
black sand tempered	RB	3	-	99
early reduced	MC1-C2	9	-	8
early Milton Keynes sandy coarseware	LC1-C2	47	-	94
fine black sand tempered	RB	9	-	19
fine greyware	RB	9	-	2
fine oxidised	RB	41	-	4
greyware	RB	9	-	92
oxidised	RB	41	-	87
sandy whiteware	RB	4g?	-	1
pink grog tempered	LC2-C4	2	PNK GT	5
White-slipped oxidised	RB	-	-	10
Roman Regional				
Oxfordshire mortarium	MC2-C4	18c	OXF WH	1
Oxfordshire mortarium	MC3-C4	4b	OXF RF	1
Verulamium whiteware	MC1-EC2	4g	VRW WH	28
Black Burnished ware (Dorset)	C2-C4	8	DOR BB1	11
Roman Continental				
Samian ware (most Central Gaulish)	MC1-EC3	20		90
Sub-total (Roman)				*983*
Post-medieval				
slipware	C17-C18	-	-	1
Glazed earthenware	C16-C18	-	-	1
Black glazed earthenware	C18-C19	-	-	3
Sub-total (Post-medieval)				*5*
Total				**1072**

APPENDIX C: THE PALAEOENVIRONMENTAL EVIDENCE

By Jacky Sommerville, CA

Nine environmental samples (117 litres of soil) were retrieved from nine deposits with the intention of recovering evidence of industrial or domestic activity and material for radiocarbon dating. The samples were processed by standard flotation procedures (CA 2003).

Samples were taken from the fills of Iron Age ditch 5003, Roman ditches 405, 3003, 3006 and 4002, and undated ditches 4005, 5006, 5204 and 6005. The plant remains from all of these features were present in very small quantities and were poorly preserved.

Charcoal was present in small quantities. It was highly fragmented and moderate to poorly-preserved. The charcoal from the Iron Age and Roman ditches was identified as hawthorn/rowan/crab apple (*Crataegus monogyna*/*Sorbus*/*Malus sylvestris*); that from the undated features was recorded as oak (*Quercus*), ash (*Fraxinus excelsior*), hawthorn/rowan/crab apple, cherry sp (*Prunus*) and maple (*Acer campestre*).

The small quantity and poor preservation of this material suggests that the charcoal and cereal grains/chaff are residual derived from scattered or wind-blown hearth waste material. The paucity of this material means no further interpretations can be made.

The samples also contained a small to moderate amount of modern cereal chaff and seeds. This material most likely accumulated in the features through bioturbation and ploughing and presents a low to moderate risk of contamination.

The small fragments of charcoal and presence of unidentifiable seeds means there is no material within these samples that would be suitable for C-14 dating.

Context number				3005	3008	5004	5007	6006	406	4004	4008	5208
Feature number				3003	3006	5003	5006	6005	405	4002	4005	5204
Sample number (SS)				1	2	3	4	5	6	40.1	40.2	52.1
Flot volume (ml)				5	26	4	4	15	4	2	7	6
Sample volume processed (l)				16	16	16	14	18	14	7	9	7
Percentage of sample processed				66%	100%	100%	50%	100%	50%	100%	100%	25%
Plant macrofossil preservation				N/A	Poor	N/A	N/A	N/A	Poor	N/A	N/A	N/A
Habitat Code	**Family**	**Species**	**Common Name**									
D/A	Amaranthaceae	*Chenopodium* L. (*Blitum* L.)	Goosefoots (modern)					+		+		
A/D	Apiaceae	*Aethusa cynapium* L.	Fool's Parsley (modern)	++							+	
D/P	Asteraceae	*Cirsium* Mill./ *Carduus* L.	Thistles (modern)	+								
D/M/A	Caryophyllaceae	*Stellaria* L.	Stitchworts (modern)		+++					+	++	
E	Poaceae	*Triticum spelta*	Spelt wheat glume base		+							
E		*Poaceae*	Indeterminate cereal grain		+				+			
		Poaceae	Glume base		+				+			
D/A	Polygonaceae	*Fallopia convolvulus* (L.) Á. Löve	Black-bindweed (modern)					+				
Flot Inclusions												
Charcoal				+ (s)	+ (s)	++ (s)	++ (s)	++	+ (s)	+ (s)	+ (s)	++
Molluscs				+	++	+		++	++			

Table C1: Plant macrofossil identification

Key
+ = 1-4 items; ++ = 5-20 items; +++ = 21-40 items; ++++ = >40 items
A = arable weed; D = weed/plant indicative of disturbance; P = weed/plant indicative of pasture/grassland; M = weed/plant indicative of marshland/wetland areas; HSW = hedgerow/shrub/woodland plant; E = economic plant

Context number			3005	3008	5004	5007	6006	406	4004	4008	5208
Feature number			3003	3006	5003	5006	6005	405	4002	4005	5204
Sample number (SS)			1	2	3	4	5	6	40.1	40.2	52.1
Flot volume (ml)			5	26	4	4	15	4	2	7	6
Sample volume processed (l)			16	16	16	14	18	14	7	9	7
Soil remaining (l)			66%	100%	100%	50%	100%	50%	100%	100%	25%
Period											
Charcoal quantity			+ (s)	+ (s)	++ (s)	++ (s)	++	+ (s)	+ (s)	+ (s)	++
Charcoal preservation			Poor	Poor	Poor	Poor	Poor	Poor	N/A	N/A	Moderate
Family	**Species**	**Common Name**									
Fagaceae	*Quercus robur* L./*Quercus petraea* (Matt.) Liebl.	Pedunculate Oak/Sessile Oak									2
	Quercus robur L./*Quercus petraea* (Matt.) Liebl. h/w	Pedunculate Oak/Sessile Oak h/w				3	1				
Oleaceae	*Fraxinus excelsior* L.	Ash	1								2
Rosaceae	*Crataegus monogyna* Jacq./ *Sorbus* L./*Malus sylvestris* (L.) Mill.	Hawthorn/rowan/ crab apple			2	1	4	1			
	Prunus L.	Cherries				1					1
Sapindaceae	*Acer campestre*	Field maple									1
		Indeterminate	3	3	4	5					4
		Number of Fragments:	1	0	2	5	6	1	0	0	6

Table C2: Charcoal identification

Key
+ = 1-4 items; ++ = 5-20 items; +++ = 21-40 items; ++++ = >40 items

h/w = heartwood (evidence of tyloses)
(s) = charcoal mostly consists of highly fragmented, unidentifiable pieces

References
CA (Cotswold Archaeology) 2003 *CA Technical Manual No. 2: The taking and processing of environmental and other samples from archaeological sites*

APPENDIX D: THE ANIMAL BONE

By Jonny Geber, CA

A relatively large collection of animal bones was recovered from the site. Bones were identified to species and elements with the aid of a bone reference collection (CA) and osteological reference literature (Iregren 2002; Schmid 1972). Bones were quantified by fragment count (NISP) and weight. The remains were quite fragmented and were in a varying state of preservation, with a considerable proportion displaying post-depositional erosion of the cortices.

Result

Animal bones were recovered from 34 contexts (Table D1). Out of the total 358 fragments, 38% (N = 135) could be identified to species. Of these, cattle bones (*Bos taurus*) dominated the assemblage (78.52%; 106/135). The identified bones included a mixture of both meat-rich and meat-poor elements. The only clear cut mark from the butchery process was identified on a scapula fragment (3312), which displayed parallel knife cut marks on the neck. One pathological bone was identified in context 6207: a right calcaneus bone fragment displaying active porous periosteal new bone formation on the medial surface of the body, indicating an active inflammation of the hock joint at the time of death of this animal.

Nineteen bones (14.07%; 19/135) were identified as caprovine (*Ovis aries*/*Capra hircus*), including a horncore (3504) which could be identified as sheep (*Ovis aries*) (Boessneck *et al*. 1964; Prummel and Frisch 1986). The remainder of the identified fragments were of skulls and teeth, but also meat-rich elements such as ribs and radii bones. One metatarsal (3406) displayed knife cut marks on the distal end, which relates to the disarticulation of the tarsal joint.

Only one bone (0.74%; 1/135) was identified as pig (*Sus domesticus*). This was an anterior fragment of a mandible, found in Roman context 3409.

Four bones (2.96%; 4/135) were identified as horse (*Equus caballus*). These comprised three maxillary molars in context 305 and a fragment of cervical vertebra in context 3203.

The fifth species was dog (*Canis familiaris*), which was represented by five bone fragments (3.7%; 5/135) in Roman context 4004. These comprise two lumbar vertebrae and fragments of the distal portions of the left and right femurs of a small sized dog. Dogs were also indirectly represented by carnivore gnaw marks on a cattle humerus (603) and calcaneus (703) and one caprovine vertebra (603).

Summary

Animal bones were most abundant in Areas 1 and 4. In Area 2, animal bones were only retrieved from enclosure ditch 6203; they were absent altogether from Area 3 and the remainder of the site.

The animal bones represent both slaughter refuse and food waste. Of the meat producing domesticates, cattle dominated the assemblage, followed by caprovine and pig. The latter species was represented by a single bone fragment retrieved from a Roman context, and appears to have had a very limited influence on the diet. This may be a socioeconomic reflection, as pig bones are generally more common on high status sites in Britain during the Roman period (see Hawkes 2009). Horse and dog were also represented in the assemblage. Dogs were evidently fed on discarded food waste.

References

Boessneck, J, Müller, HH and Teichert, M 1964. *Osteologische Unterscheidungsmerkmale zwischen Schaf (Ovis aries Linné) und Ziege (Capra hircus Linné*. Kühn-Archiv **78** (1–2), 1–129

Hawkes, G 2009 *Beyond Romanization: The creolization of food – A framework for the study of faunal remains from Roman sites* Papers from the Institute of Archaeology **10**, 89–95

Iregren, E 2002 *Bildkompendium: Historisk osteologi* University of Lund Department of Archaeology and Ancient History Report Series **85**

Prummel, W and Frisch, HJ 1986 *A guide for the distinction of species, sex and body side in bones of sheep and goat* Journal of Archaeological Science **13**, 567–77.

Schmid, E 1972 *Atlas of animal bones: for prehistorians, archaeologists and quaternary geologists* Amsterdam: Elsevier Publishing Company

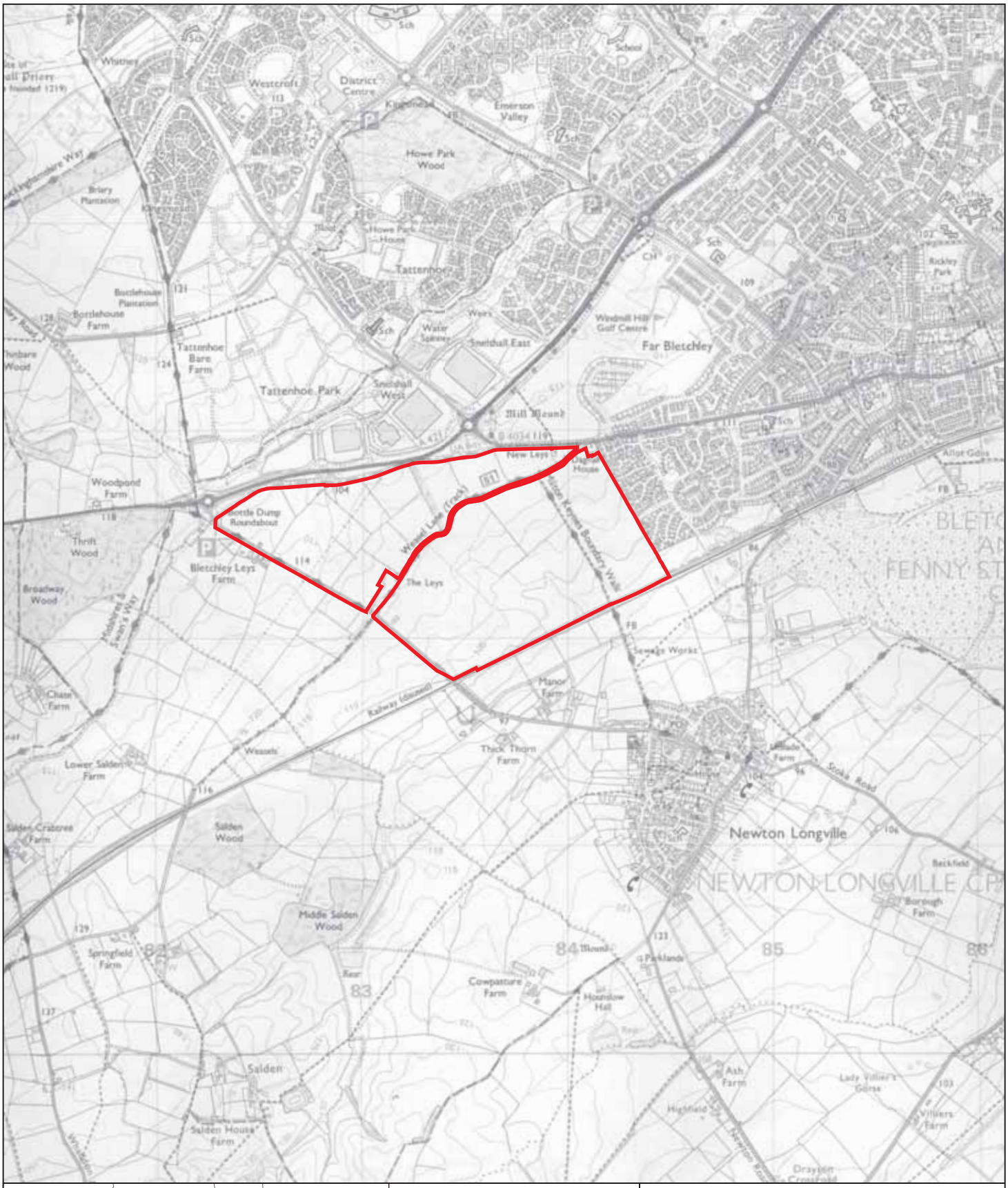
Context	BOS	O/C	SUS	EQU	CAN	LM	MM	IND	Total	Weight (g)
305	1	-	-	3	-	2	-	-	6	82.58
308	1	-	-	-	-	-	4	-	5	19.85
404	10	1	-	-	-	-	-	-	11	174.25
406	-	-	-	-	-	1	-	-	1	1.82
411	-	-	-	-	-	-	-	3	3	3.64
503	4	1	-	-	-	-	-	-	5	43.21
602	-	-	-	-	-	5	-	-	5	2.58
603	2	2	-	-	-	2	-	-	6	61.58
703	1	-	-	-	-	-	-	-	1	41.13
709	-	-	-	-	-	-	-	2	2	0.34
714	-	-	-	-	-	14	-	-	14	35.21
723	8	-	-	-	-	4	-	-	12	88.74
725	-	-	-	-	-	-	6	-	6	4.30
742	-	-	-	-	-	5	-	-	5	23.91
2702	4	3	-	-	-	3	-	-	10	100.56
3008	16	-	-	-	-	13	25	-	54	723.32
3203	-	2	-	1	-	1	1	-	5	70.87
3304	-	1	-	-	-	-	-	-	1	2.28
3305	3	2	-	-	-	-	-	-	5	95.76
3308	-	-	-	-	-	1	-	-	1	12.53
3309	14	-	-	-	-	12	-	-	26	711.35
3312	1	-	-	-	-	-	-	-	1	31.91
3314	1	-	-	-	-	-	-	-	1	247.48
3406	-	1	-	-	-	1	11	-	13	22.14
3409	2	1	1	-	-	5	-	-	9	93.91
3411	3	1	-	-	-	-	-	-	4	27.88
3504	11	4	-	-	-	18	40	-	73	241.44
3906	1	-	-	-	-	-	-	-	1	55.49
4004	13	-	-	-	5	10	16	-	44	720.81
4007	-	-	-	-	-	-	2	-	2	1.96
5004	-	-	-	-	-	3	-	-	3	8.50
5205	-	-	-	-	-	3	-	-	3	2.54
6205	5	-	-	-	-	4	-	-	9	304.30
6207	5	-	-	-	-	7	-	-	11	167.26
Total:	**106**	**19**	**1**	**4**	**5**	**113**	**11**	**5**	**358**	**4,225.16**
Weight (g):	**3,366.96**	**175.17**	**8.58**	**101.87**	**65.43**	**422.57**	**80.60**	**3.98**	**4,225.16**	

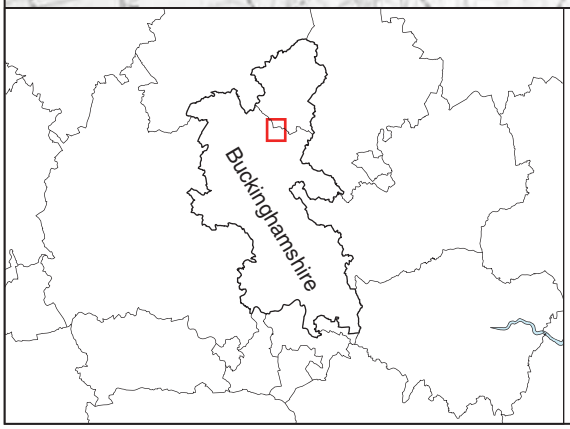
Table D1: Identified species by fragment count (NISP) and weight, by context

Key
BOS = cattle; O/C = caprovine; SUS = pig; EQU = horse; CAN = dog; LM = large sized mammal; MM = medium sized mammal; IND = indeterminate

APPENDIX E: OASIS REPORT FORM

PROJECT DETAILS		
Project Name	South-west Milton Keynes, Buckinghamshire	
Short description (250 words maximum)	The evaluation recorded numerous well-preserved, substantial archaeological features at the site. Relatively large quantities of pottery were recovered. There were four main areas of activity, which contained numerous enclosures and associated features. These spanned the Iron Age/Roman transitional period into the 4th century AD. Trenches excavated adjacent to the old line of the A421 (Standing Way) and Weasel Lane recorded no archaeological remains associated with these ancient routes, and there was no evidence for further burials associated with an Iron Age cemetery previously excavated at Bottle Dump Roundabout. There was a generally high concordance between the results of the evaluation results and a previous geophysical survey, although there were some discrepancies.	
Project dates	20 May–19 June 2013	
Project type (e.g. desk-based, field evaluation etc)	Evaluation	
Previous work	Desk-based assessment, CgMs Consulting 2008 Geophysical survey, Stratascan 2008	
Future work	Unknown	
PROJECT LOCATION		
Site Location	South-West Milton Keynes, Buckinghamshire	
Study area	120ha	
Site co-ordinates (8 Fig Grid Reference)	SP 8320 3220	
PROJECT CREATORS		
Name of organisation	Cotswold Archaeology	
Project Brief originator	CgMs	
Project Design (WSI) originator	Cotswold Archaeology	
Project Manager	Simon Carlyle, Cotswold Archaeology	
Project Supervisor	Derek Evans, Cotswold Archaeology	
MONUMENT TYPE	None	
SIGNIFICANT FINDS	None	
PROJECT ARCHIVES	Intended final location of archive (museum/Accession no.)	Content (e.g. pottery, animal bone etc.)
Physical	Buckinghamshire County Museum/ AYBCM: 2013.23	Ceramics, animal bone, etc.
Paper		Context sheets, trench sheets, etc.
Digital		Database, digital photos, etc.
BIBLIOGRAPHY		
CA (Cotswold Archaeology) 2013 *South-West Milton Keynes, Buckinghamshire: Archaeological Evaluation* CA typescript report **13464**		





N

0 1km

Cotswold Archaeology

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

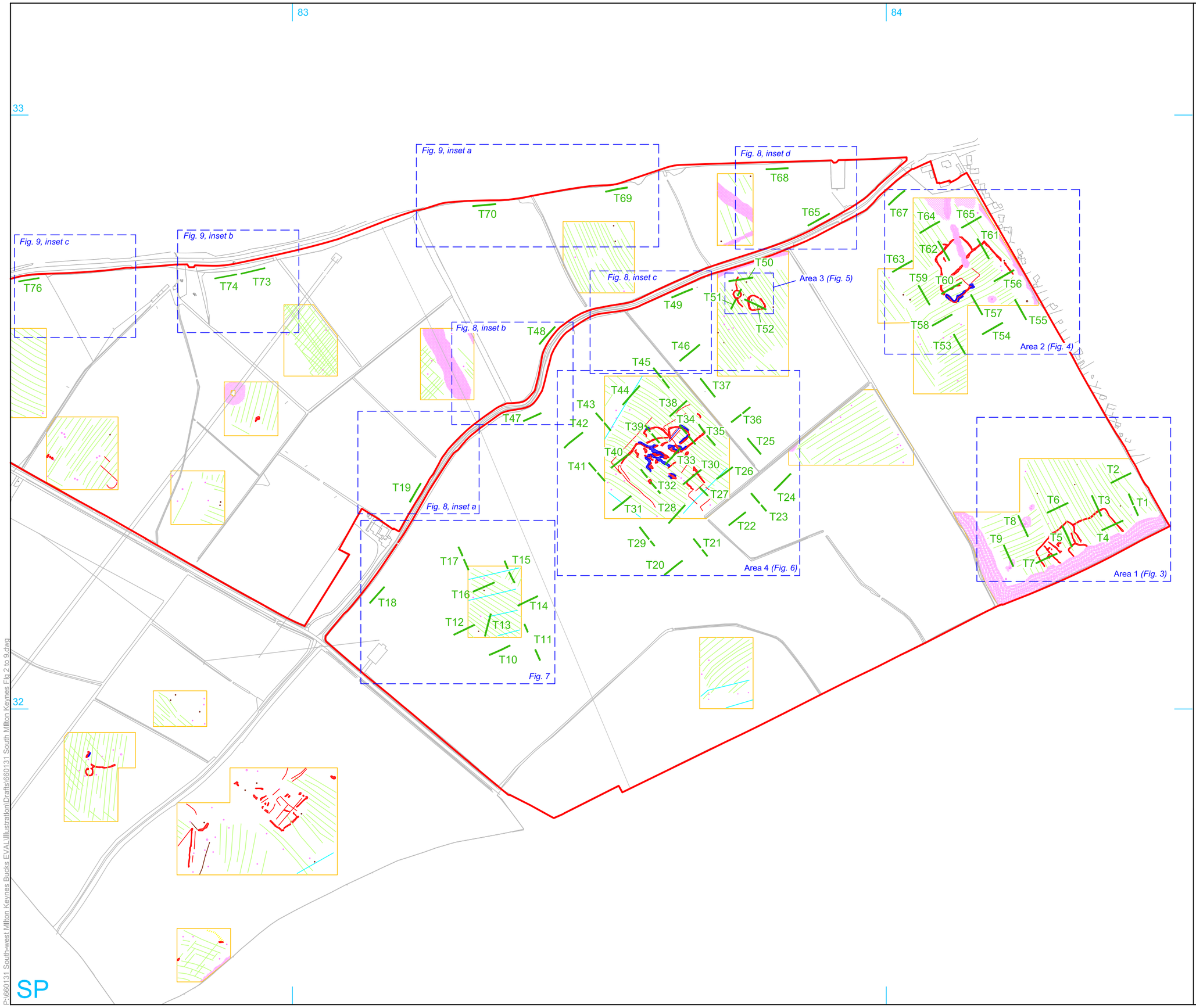
PROJECT TITLE

South-west Milton Keynes
Buckinghamshire

FIGURE TITLE

Site location plan

PROJECT NO.	660131	DATE	xx-xx-2013	FIGURE NO.
DRAWN BY	JB	REVISION	00	1
APPROVED BY	PJM	SCALE@A4	1:25,000	



N

site

evaluation trench

geophysical survey results

area of geophyical survey *(Stratascan 2008)*

KEY	
●	Discrete positive anomaly - possible pit
●	Positive anomaly with associated negative response - ferrous object
	Magnetic disturbance - associated with pipe/cable
	Linear anomaly - agricultural mark
	Positive linear anomaly - cut feature of possible archaeological origin
	Negative linear anomaly - bank or earthwork of possible archaeological origin
	Linear anomaly - possibly related to land drains
	Positive area anomaly - cut feature of possible archaeological origin
	Negative area anomaly - bank or earthwork of possible archaeological origin
	Weak positive area anomaly
	Weak negative area anomaly
	Magnetic disturbance associated with neaby service or field boundary
	Magnetic disturbance associated with nearby metallic objects
	Magnetic debris
	Area of magnetic variation - possible geological/pedological response
	Area of positive response associated with path
	Positive linear anomaly - cut feature possibly relating to former field boundary

0 250m

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

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Trench location plan

PROJECT NO.	660131	DATE	15-07-2013	FIGURE NO.
DRAWN BY	JB	REVISION	00	2
APPROVED BY	ATB	SCALE@A3	1:6000	

P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg

N

- site
- evaluation trench
- archaeological feature
- furrow
- modern
- treethrow

geophysical survey results

- area of geophyical survey *(Stratascan 2008)*

KEY
Discrete positive anomaly - possible pit
Positive anomaly with associated negative response - ferrous object
Magnetic disturbance - associated with pipe/cable
Linear anomaly - agricultural mark
Positive linear anomaly - cut feature of possible archaeological origin
Negative linear anomaly - bank or earthwork of possible archaeological origin
Linear anomaly - possibly related to land drains
Positive area anomaly - cut feature of possible archaeological origin
Negative area anomaly - bank or earthwork of possible archaeological origin
Weak positive area anomaly
Weak negative area anomaly
Magnetic disturbance associated with neaby service or field boundary
Magnetic disturbance associated with nearby metallic objects
Magnetic debris
Area of magnetic variation - possible geological/pedological response
Area of positive response associated with path
Positive linear anomaly - cut feature possibly relating to former field boundary

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

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Area 1, Trenches 1- 9, showing archaeological features and geophysical survey results

PROJECT NO.	660131	DATE	15-07-2013	FIGURE NO.
DRAWN BY	JB	REVISION	00	3
APPROVED BY	ATB	SCALE@A3	1:1000 & 1:500 (inset)	

P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg

T67
6706
6704
6708
6702
T64
T65
T62
(see inset)
6103
T61
T63
6302
Area 2
??
T56
602
T60
605
T59
5902
T57
T55
5802
T58
T54
5304
T53
6203
D
D
T62
6209
0
20m
N
site
evaluation trench
archaeological feature
furrow
modern
treethrow
geophysical survey results
area of geophyical survey
(Stratascan 2008)

KEY	
●	Discrete positive anomaly - possible pit
●	Positive anomaly with associated negative response - ferrous object
	Magnetic disturbance - associated with pipe/cable
	Linear anomaly - agricultural mark
	Positive linear anomaly - cut feature of possible archaeological origin
	Negative linear anomaly - bank or earthwork of possible archaeological origin
	Linear anomaly - possibly related to land drains
	Positive area anomaly - cut feature of possible archaeological origin
	Negative area anomaly - bank or earthwork of possible archaeological origin
	Weak positive area anomaly
	Weak negative area anomaly
	Magnetic disturbance associated with neaby service or field boundary
	Magnetic disturbance associated with nearby metallic objects
	Magnetic debris
	Area of magnetic variation - possible geological/pedological response
	Area of positive response associated with path
	Positive linear anomaly - cut feature possibly relating to former field boundary

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

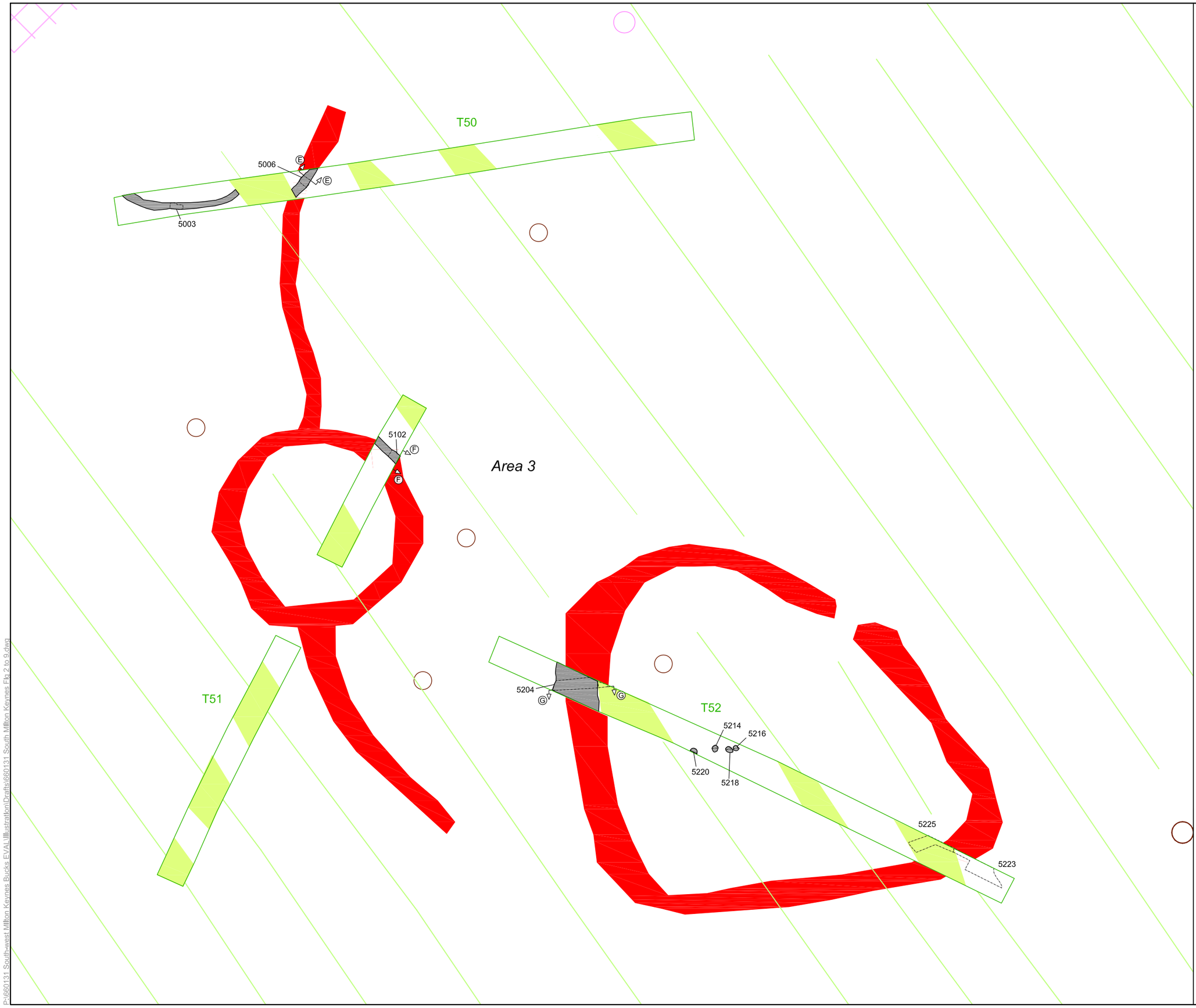
PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Area 2, Trenches 53 - 65 & 67, showing archaeological features and geophysical survey results

PROJECT NO.	**660131**	*DATE*	**15-07-2013**	*FIGURE NO.*
DRAWN BY	**JB**	*REVISION*	**00**	**4**
APPROVED BY	**ATB**	*SCALE@A3*	**1:1000 & 1:500 (inset)**	

0
50m

P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg



N

site

evaluation trench

archaeological feature

furrow

modern

treethrow

geophysical survey results

area of geophyical survey
(Stratascan 2008)

KEY	
	Discrete positive anomaly - possible pit
	Positive anomaly with associated negative response - ferrous object
	Magnetic disturbance - associated with pipe/cable
	Linear anomaly - agricultural mark
	Positive linear anomaly - cut feature of possible archaeological origin
	Negative linear anomaly - bank or earthwork of possible archaeological origin
	Linear anomaly - possibly related to land drains
	Positive area anomaly - cut feature of possible archaeological origin
	Negative area anomaly - bank or earthwork of possible archaeological origin
	Weak positive area anomaly
	Weak negative area anomaly
	Magnetic disturbance associated with neaby service or field boundary
	Magnetic disturbance associated with nearby metallic objects
	Magnetic debris
	Area of magnetic variation - possible geological/pedological response
	Area of positive response associated with path
	Positive linear anomaly - cut feature possibly relating to former field boundary

0 10m

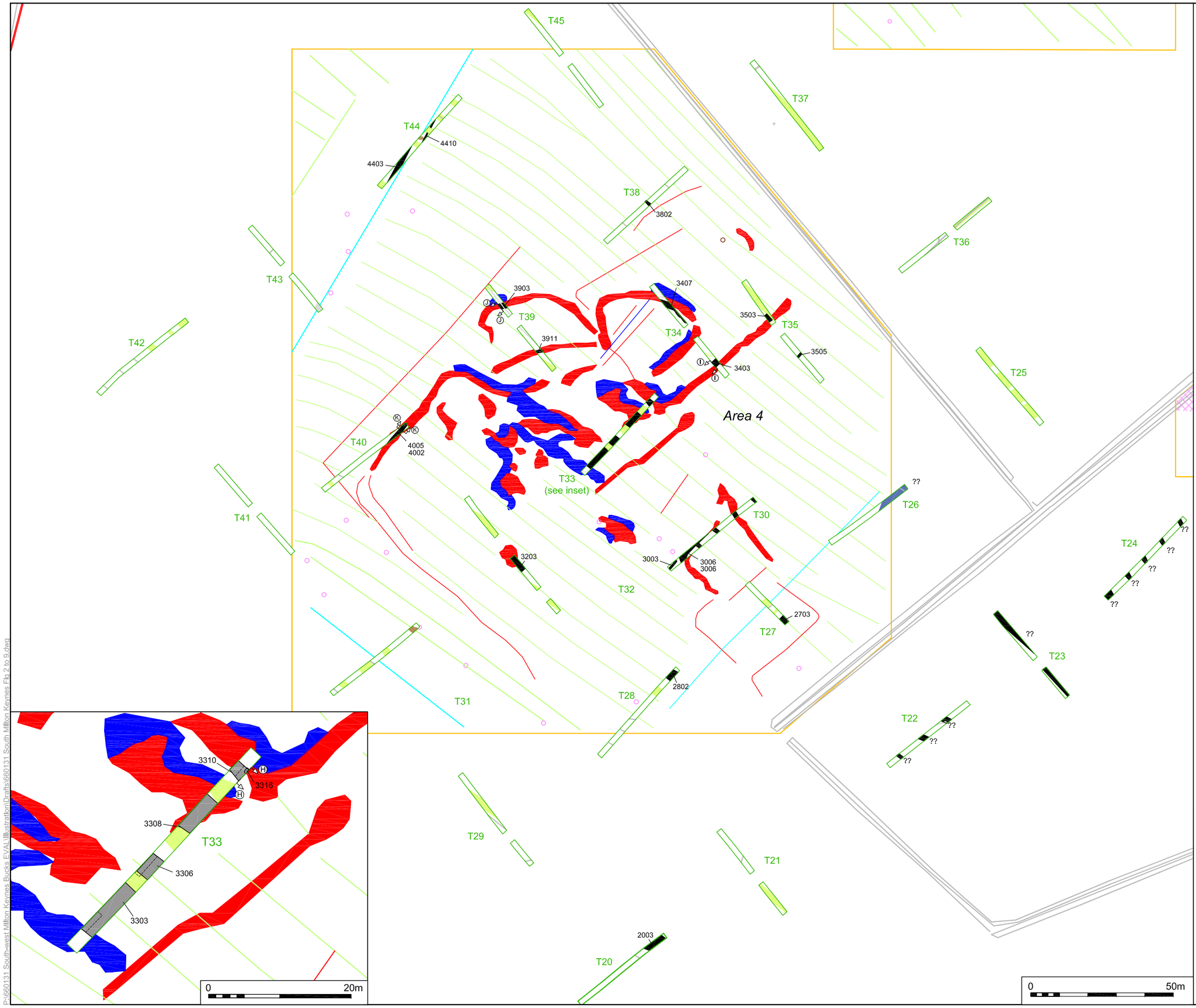
Cotswold Archaeology
Cirencester 01285 771022
Milton Keynes 01908 218320
Andover 01264 326549
w www.cotswoldarchaeology.co.uk
e enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Area 3, Trenches 50 - 52, showing archaeological features and geophysical survey results

PROJECT NO.	**660131**	*DATE*	**15-07-2013**	*FIGURE NO.*
DRAWN BY	**JB**	*REVISION*	**00**	**5**
APPROVED BY	**ATB**	*SCALE@A3*	**1:250**	

P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg



N

site

evaluation trench

archaeological feature

furrow

modern

treethrow

geophysical survey results

area of geophyical survey
(Stratascan 2008)

KEY	
	Discrete positive anomaly - possible pit
	Positive anomaly with associated negative response - ferrous object
	Magnetic disturbance - associated with pipe/cable
	Linear anomaly - agricultural mark
	Positive linear anomaly - cut feature of possible archaeological origin
	Negative linear anomaly - bank or earthwork of possible archaeological origin
	Linear anomaly - possibly related to land drains
	Positive area anomaly - cut feature of possible archaeological origin
	Negative area anomaly - bank or earthwork of possible archaeological origin
	Weak positive area anomaly
	Weak negative area anomaly
	Magnetic disturbance associated with neaby service or field boundary
	Magnetic disturbance associated with nearby metallic objects
	Magnetic debris
	Area of magnetic variation - possible geological/pedological response
	Area of positive response associated with path
	Positive linear anomaly - cut feature possibly relating to former field boundary

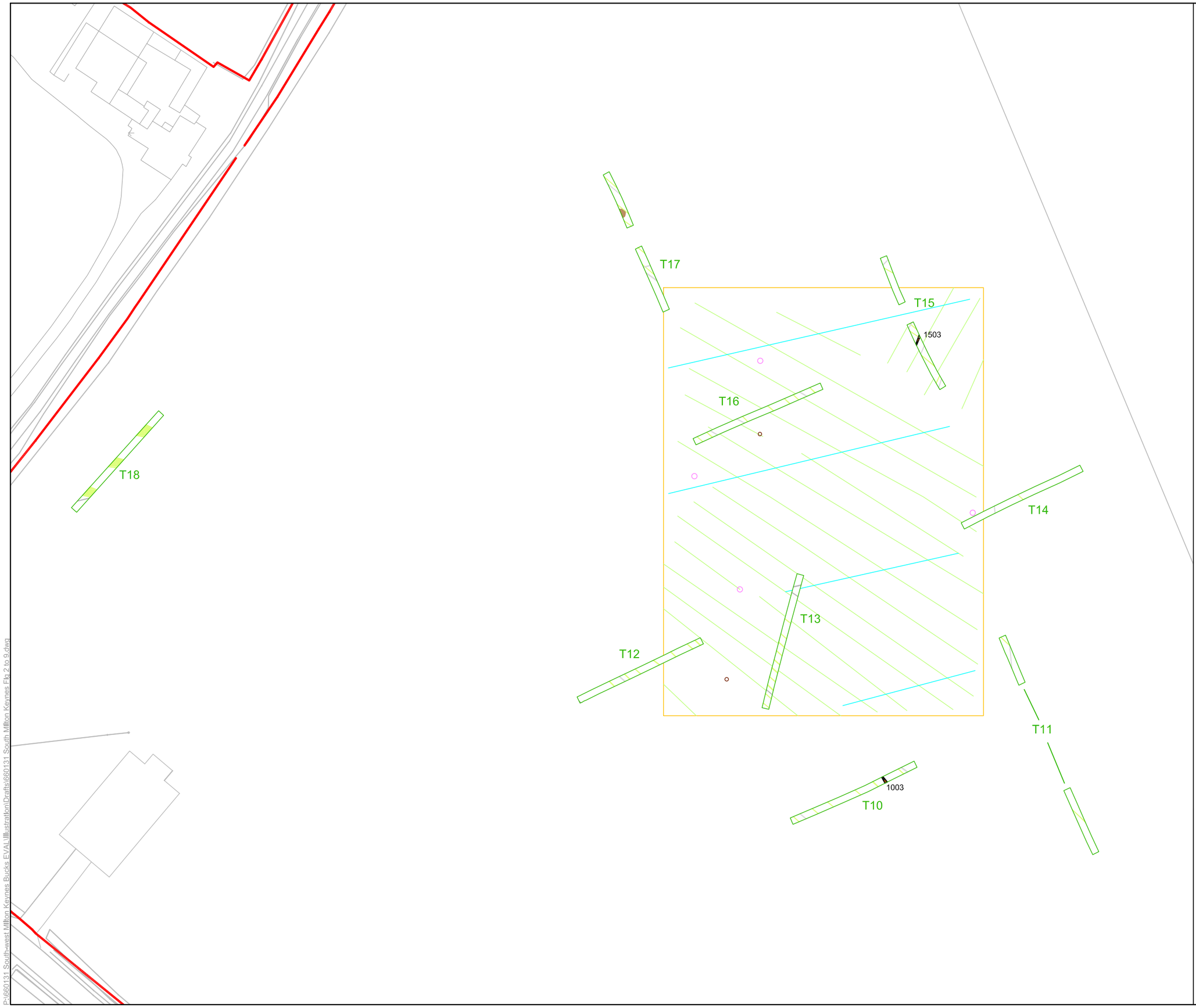
Cotswold Archaeology
Cirencester 01285 771022
Milton Keynes 01908 218320
Andover 01264 326549
w www.cotswoldarchaeology.co.uk
e enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Area 4, Trenches 20, 21, 26 - 35 & 38 - 45, showing archaeological features and geophysical survey results

PROJECT NO.	**660131**	*DATE*	**15-07-2013**	*FIGURE NO.*
DRAWN BY	**JB**	*REVISION*	**00**	**6**
APPROVED BY	**ATB**	*SCALE@A3*	**1:1250 & 1:500 (inset)**	

P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg



N

site

evaluation trench

archaeological feature

furrow

modern

treethrow

geophysical survey results

area of geophyical survey
(Stratascan 2008)

KEY
Discrete positive anomaly - possible pit
Positive anomaly with associated negative response - ferrous object
Magnetic disturbance - associated with pipe/cable
Linear anomaly - agricultural mark
Positive linear anomaly - cut feature of possible archaeological origin
Negative linear anomaly - bank or earthwork of possible archaeological origin
Linear anomaly - possibly related to land drains
Positive area anomaly - cut feature of possible archaeological origin
Negative area anomaly - bank or earthwork of possible archaeological origin
Weak positive area anomaly
Weak negative area anomaly
Magnetic disturbance associated with neaby service or field boundary
Magnetic disturbance associated with nearby metallic objects
Magnetic debris
Area of magnetic variation - possible geological/pedological response
Area of positive response associated with path
Positive linear anomaly - cut feature possibly relating to former field boundary

0 50m

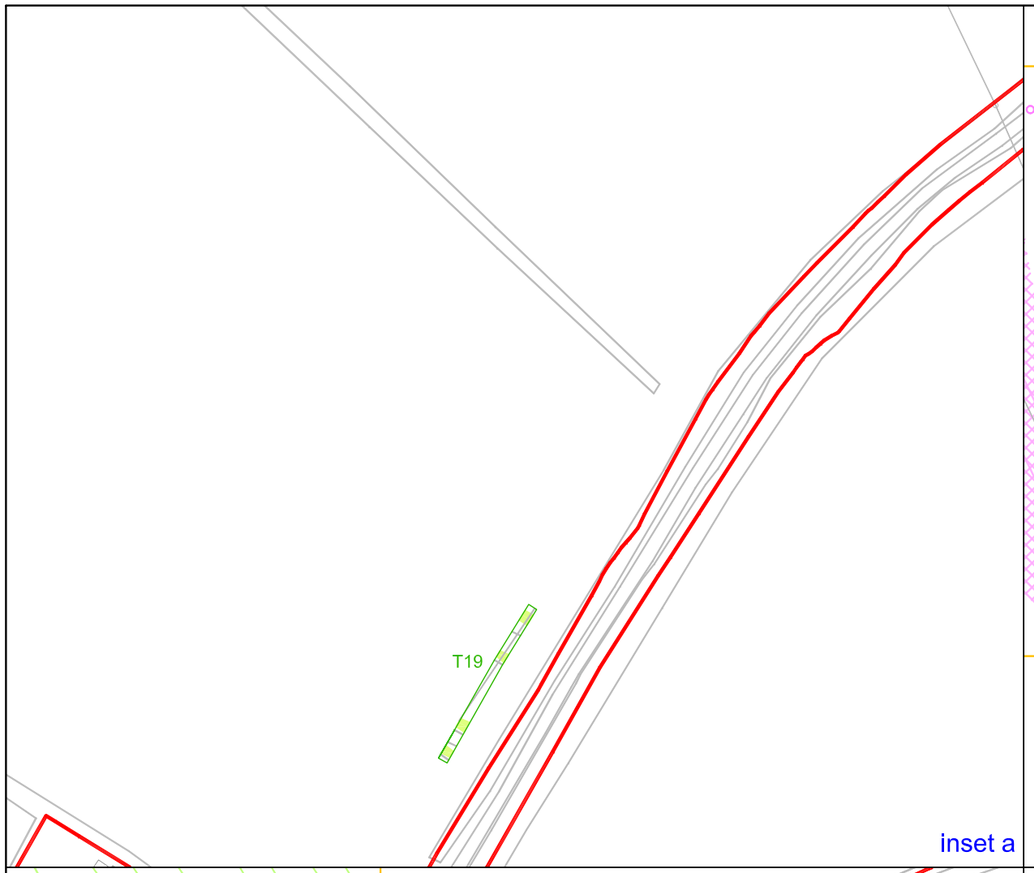
Cotswold Archaeology
Cirencester 01285 771022
Milton Keynes 01908 218320
Andover 01264 326549
w www.cotswoldarchaeology.co.uk
e enquiries@cotswoldarchaeology.co.uk

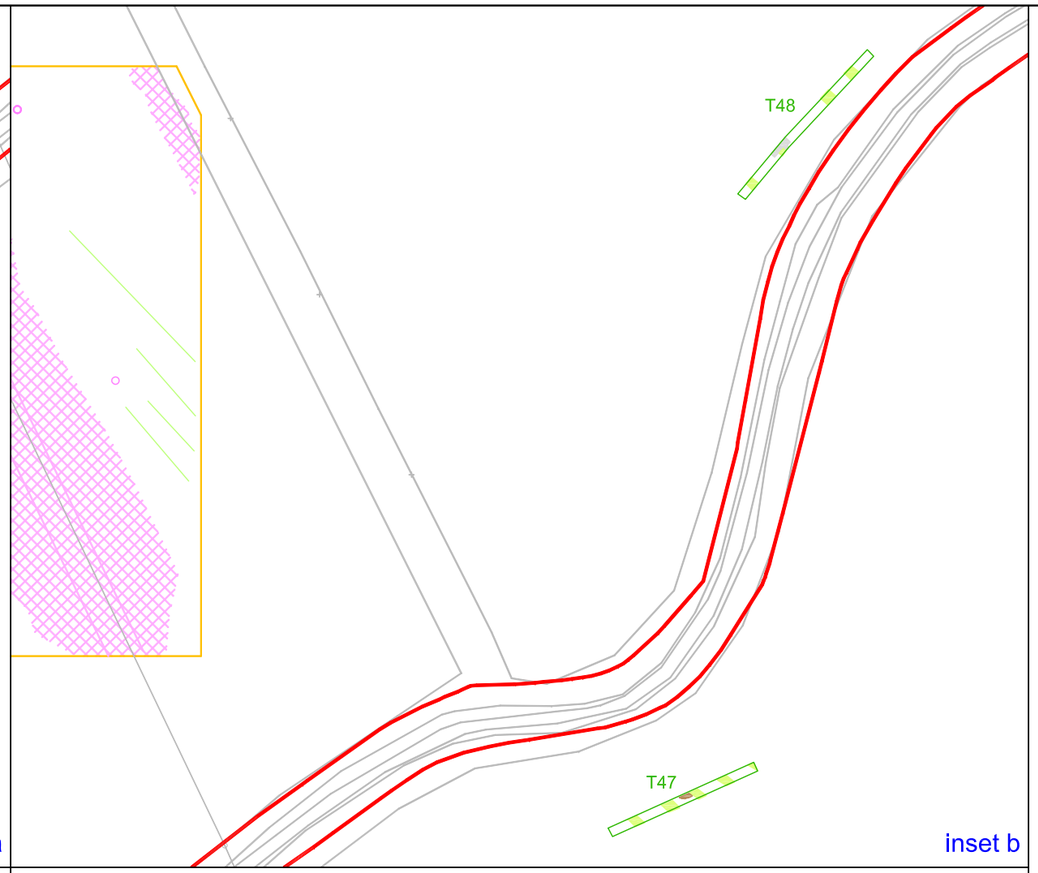
PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Trenches 11 - 18, showing archaeological features and geophysical survey results

PROJECT NO.	**660131**	*DATE*	**15-07-2013**	*FIGURE NO.*
DRAWN BY	**JB**	*REVISION*	**00**	**7**
APPROVED BY	**ATB**	*SCALE@A3*	**1:1000**	

P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg





N

site

evaluation trench

archaeological feature

furrow

modern

treethrow

geophysical survey results

area of geophyical survey
(Stratascan 2008)

KEY
Discrete positive anomaly - possible pit
Positive anomaly with associated negative response - ferrous object
Magnetic disturbance - associated with pipe/cable
Linear anomaly - agricultural mark
Positive linear anomaly - cut feature of possible archaeological origin
Negative linear anomaly - bank or earthwork of possible archaeological origin
Linear anomaly - possibly related to land drains
Positive area anomaly - cut feature of possible archaeological origin
Negative area anomaly - bank or earthwork of possible archaeological origin
Weak positive area anomaly
Weak negative area anomaly
Magnetic disturbance associated with neaby service or field boundary
Magnetic disturbance associated with nearby metallic objects
Magnetic debris
Area of magnetic variation - possible geological/pedological response
Area of positive response associated with path
Positive linear anomaly - cut feature possibly relating to former field boundary

0 50m

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

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Trenches 19, 45, 46, 47, 48, 65 and 68, showing archaeological features and geophysical survey results

PROJECT NO.	**660131**	*DATE*	**15-07-2013**	*FIGURE NO.*
DRAWN BY	**JB**	*REVISION*	**00**	**8**
APPROVED BY	**ATB**	*SCALE@A3*	**1:1250**	

P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg

T69

T70

inset a

T73

T74

7602

T76

inset b

inset c

N

site

evaluation trench

archaeological feature

furrow

modern

treethrow

geophysical survey results

area of geophyical survey
(Stratascan 2008)

KEY
Discrete positive anomaly - possible pit
Positive anomaly with associated negative response - ferrous object
Magnetic disturbance - associated with pipe/cable
Linear anomaly - agricultural mark
Positive linear anomaly - cut feature of possible archaeological origin
Negative linear anomaly - bank or earthwork of possible archaeological origin
Linear anomaly - possibly related to land drains
Positive area anomaly - cut feature of possible archaeological origin
Negative area anomaly - bank or earthwork of possible archaeological origin
Weak positive area anomaly
Weak negative area anomaly
Magnetic disturbance associated with neaby service or field boundary
Magnetic disturbance associated with nearby metallic objects
Magnetic debris
Area of magnetic variation - possible geological/pedological response
Area of positive response associated with path
Positive linear anomaly - cut feature possibly relating to former field boundary

0 50m

Cotswold Archaeology

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

PROJECT TITLE

South-west Milton Keynes
Buckinghamshire

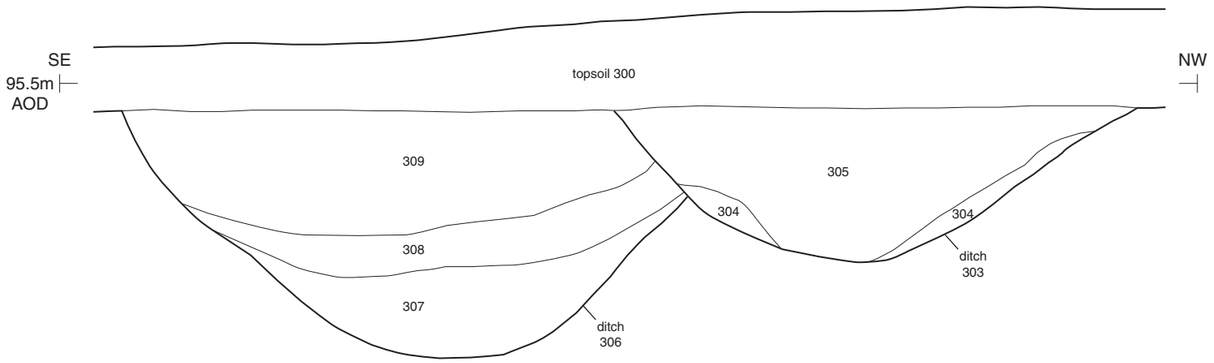
FIGURE TITLE

Trenches 69, 70, 73, 74, and 76, showing archaeological features and geophysical survey results

PROJECT NO.	**660131**	*DATE*	**15-07-2013**	*FIGURE NO.*
DRAWN BY	**JB**	*REVISION*	**00**	**9**
APPROVED BY	**ATB**	*SCALE@A3*	**1:1250**	

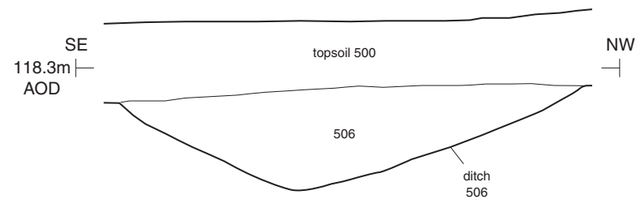
P:\660131 South-west Milton Keynes Bucks EVAL\Illustration\Drafts\660131 South Milton Keynes Fig 2 to 9.dwg

Area 1: Trench 3, section AA



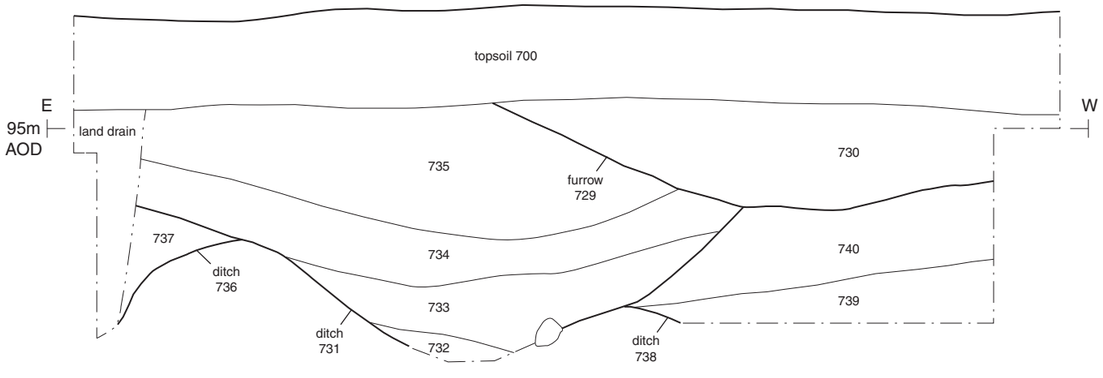
Area 1: Trench 3, intercutting enclosure ditches 303 & 306, facing south-west (scale 2m)

Area 1: Trench 5, section BB



Area 1: Trench 7, intercutting ditches 731, 736 & 738, facing south-east (scale 1m)

Area 1: Trench 7, section CC



0 1m

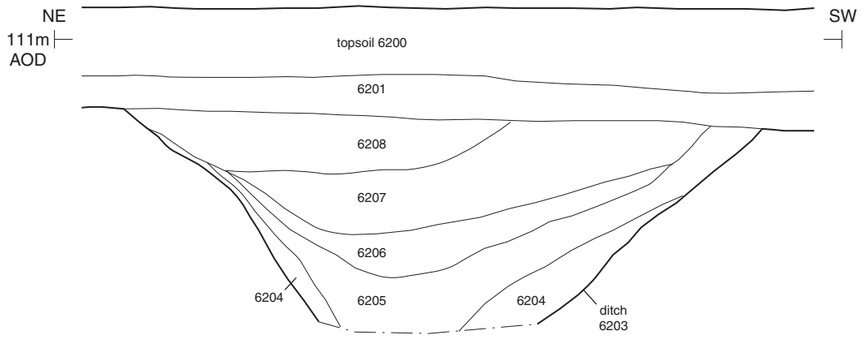
Cotswold Archaeology
Cirencester 01285 771022
Milton Keynes 01908 218320
Andover 01264 326549
w www.cotswoldarchaeology.co.uk
e enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Area 1, Trenches 3, 5 and 7: sections and photographs

PROJECT NO.	660131	DATE	16-07-2013	FIGURE NO.
DRAWN BY	JB	REVISION	00	10
APPROVED BY	PJM	SCALE@A3	1:20	

Area 2: Trench 62, section DD



Area 2: Trench 62, enclosure ditch 6203, facing north-east (scale 1m)

0 1m

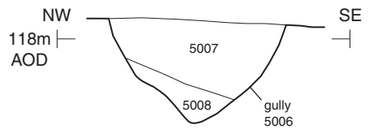
Cotswold Archaeology
Cirencester 01285 771022
Milton Keynes 01908 218320
Andover 01264 326549
w www.cotswoldarchaeology.co.uk
e enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

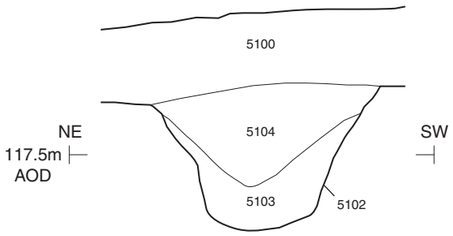
FIGURE TITLE
Area 2, Trenches 62: section and photograph

PROJECT NO.	660131	DATE	16-07-2013	FIGURE NO.
DRAWN BY	JB	REVISION	00	11
APPROVED BY	PJM	SCALE@A3	1:20	

Area 3: Trench 50, Section EE

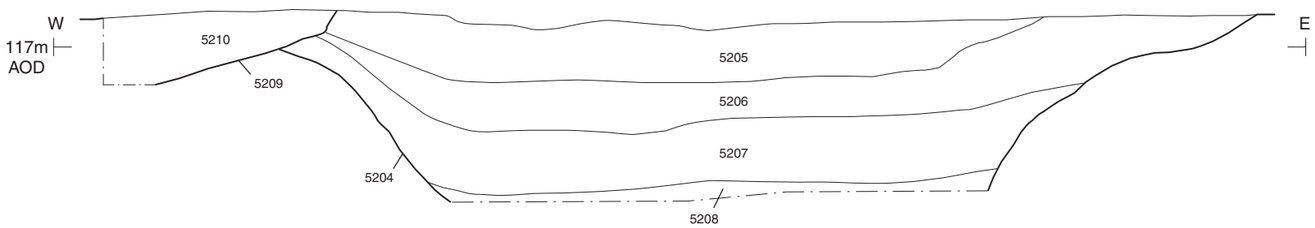


Area 3: Trench 51, Section FF



Area 3: Trench 52, enclosure ditch 5204, facing south-east (scale 0.3m)

Area 3: Trench 52, Section GG



0 1m

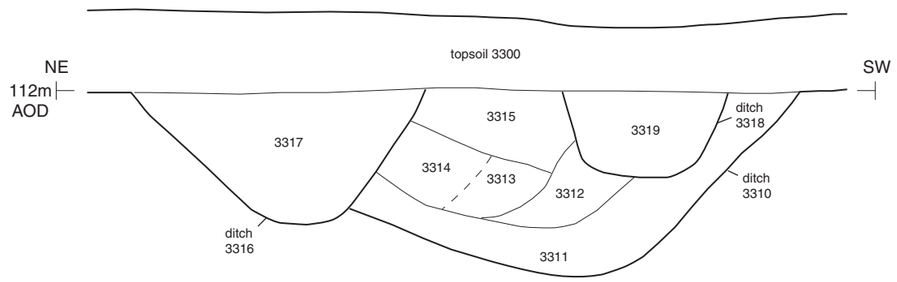
Cotswold Archaeology
Cirencester 01285 771022
Milton Keynes 01908 218320
Andover 01264 326549
w www.cotswoldarchaeology.co.uk
e enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

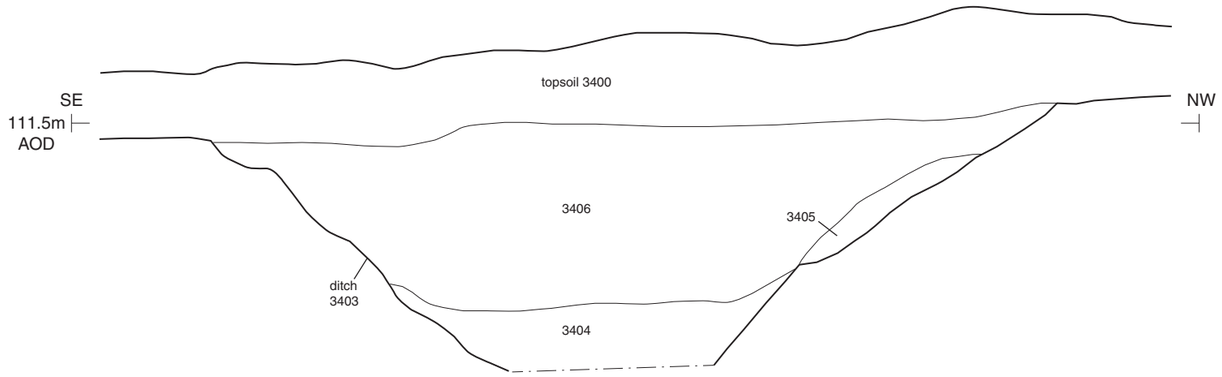
FIGURE TITLE
Area 3, Trenches 50, 51 and 52: sections and photograph

PROJECT NO.	660131	DATE	16-07-2013	FIGURE NO.
DRAWN BY	JB	REVISION	00	12
APPROVED BY	PJM	SCALE@A3	1:20	

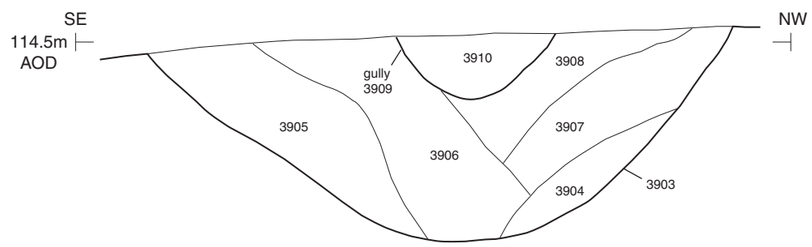
Area 4: Trench 33, section HH



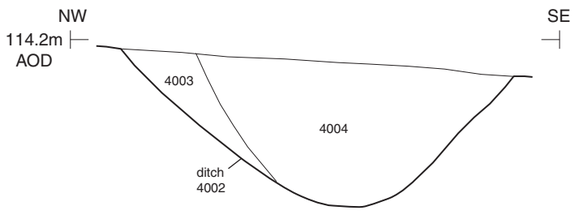
Area 4: Trench 34, section II



Area 4: Trench 39, Section JJ



Area 4: Trench 40, Section KK



Area 4: Trench 33, intercutting ditches 3310, 3316 & 3318, facing south-east (scale 1m)

Area 4: Trench 39, ditch 3903, facing west (scale 1m)

0 1m

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

PROJECT TITLE
South-west Milton Keynes
Buckinghamshire

FIGURE TITLE
Area 4, Trenches 33, 34, 39 and 40: sections and photographs

PROJECT NO.	660131	DATE	16-07-2013	FIGURE NO.
DRAWN BY	JB	REVISION	00	13
APPROVED BY	PJM	SCALE@A3	1:20	

APPENDIX 6.1:

AGRICULTURAL LAND CLASSIFICATION SURVEY (FCRA 1998)

A0

MILTON KEYNES EXPANSION STUDY
AREA 8 - WEST BLETCHLEY

Agricultural Land Classification
Semi-Detailed Survey
ALC Map and Summary Report

May 1998

Resource Planning Team
Eastern Region
FRCA Reading

RPT Job Number: 0301/021/98
FRCA Reference: EL 03/01621

AGRICULTURAL LAND CLASSIFICATION SUMMARY REPORT

MILTON KEYNES EXPANSION STUDY
AREA 8 - WEST BLETCHLEY

SEMI-DETAILED SURVEY

INTRODUCTION

1. This summary report presents the findings of a semi-detailed Agricultural Land Classification (ALC) survey on 194.8 hectares of land to the west of Bletchley, Buckinghamshire. The survey was carried out during April 1998.

2. The survey was undertaken by the Farming and Rural Conservation Agency (FRCA)[1] on behalf of the Ministry of Agriculture, Fisheries and Food (MAFF), in connection with its statutory input to the Milton Keynes Expansion Study. This survey supersedes any previous ALC information for this land.

3. The work was conducted by members of the Resource Planning Team in the Eastern Region of the FRCA. The land has been graded in accordance with the published MAFF ALC guidelines and criteria (MAFF, 1988). A description of the ALC grades and subgrades is given in Appendix I.

4. At the time of survey agricultural land use on the site comprised winter cereals, oilseed rape and grassland, both ley and permanent. The areas mapped as 'Other land' include farm buildings, residential dwellings and a recycling centre.

SUMMARY

5. The findings of the survey are shown on the enclosed ALC map. The map has been drawn at a scale of 1:15,000. It is accurate at this scale, but any enlargement would be misleading.

6. The area and proportions of the ALC grades and subgrades on the surveyed land are summarised in the Table 1 overleaf.

7. The fieldwork was conducted at an average density of 1 boring per 1.6 hectares. In total, 120 borings and 4 soil pits were described.

8. The agricultural land on this site has been assigned predominantly to Subgrade 3b, (moderate quality) with more restricted areas of Subgrade 3a (good quality) land occurring in the northwest, centre and southeast. The heavy soils are derived mainly from glacial Boulder Clay and the underlying Oxford Clay.

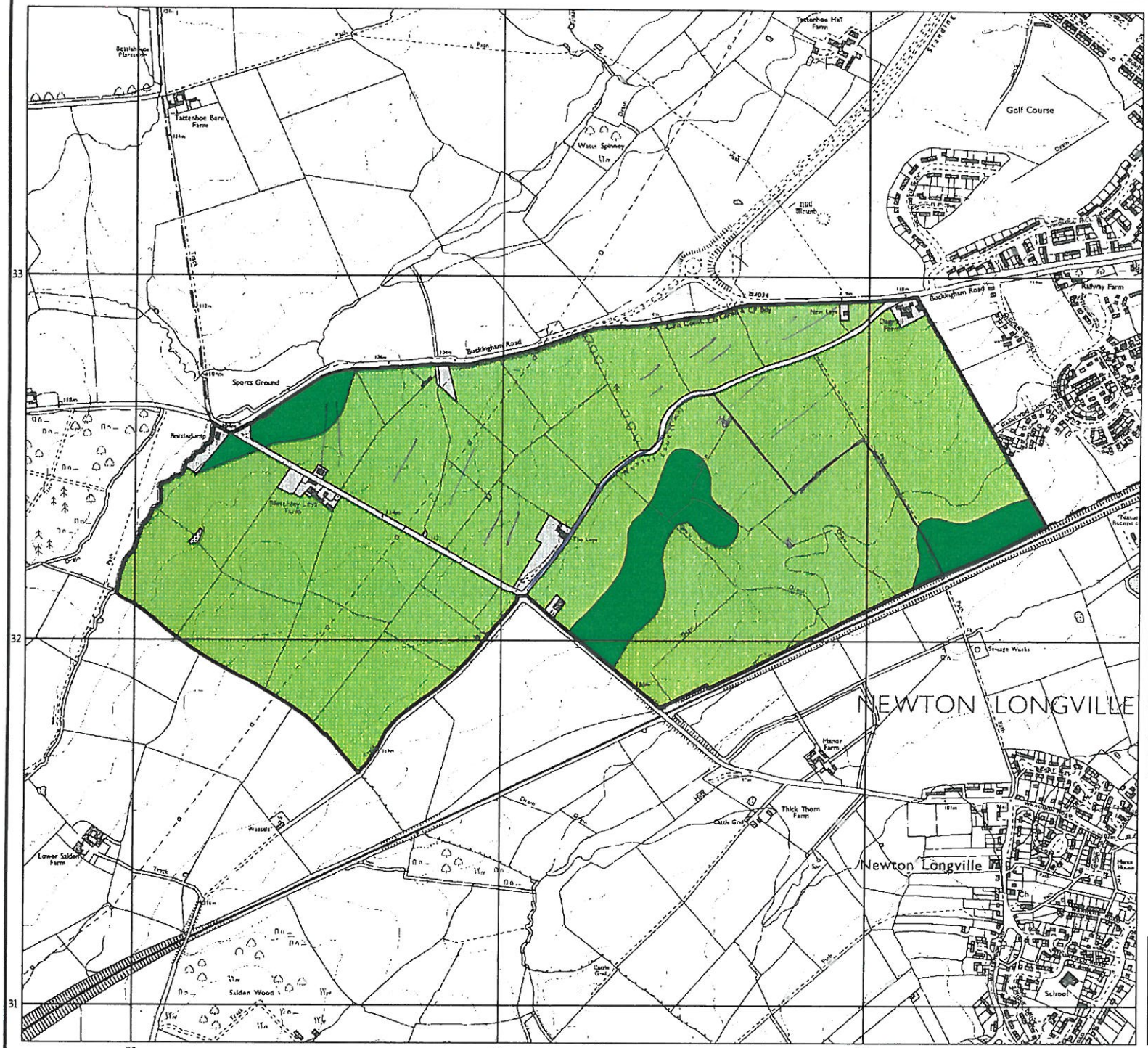
---

[1] FRCA is an executive agency of MAFF and the Welsh Office

Table 1: Area of grades and other land

Grade/Other land	Area (hectares)	% surveyed area	% site area
3a	17.0	9.1	8.7
3b	170.8	90.9	87.7
Other Land	7.0	-	3.6
Total Surveyed Area	187.8	100	96.4
Total Site area	194.8	-	100

9. The majority of the land on this site has been classified as Subgrade 3b on the basis of soil wetness/workability restrictions. Typical profiles comprise non-calcareous clay loam topsoils (with occasional clay topsoils) over clayey subsoils which impede soil drainage. The combination of soil drainage status and the heavy topsoils causes significant soil wetness/workability problems, such that the flexibility of cropping and the opportunities for cultivation or grazing by livestock are reduced. Land of Subgrade 3a quality occurs in three restricted areas of the site, where soils are less clayey, calcareous and/or better structured and thereby better drained.



MAFF Ministry of Agriculture Fisheries and Food

Agricultural Land Classification

Milton Keynes Expansion Study

Area 8: West Bletchley

Semi-detailed survey

Legend

	Quality	Area (ha)
Grade 1	Excellent	Nil
Grade 2	Very Good	Nil
Grade 3a	Good	17.0
Grade 3b	Moderate	170.8
Grade 4	Poor	Nil
Grade 5	Very Poor	Nil
	Agricultural land not surveyed	Nil
	Other land	7.0
	Site Boundary	
	Total survey area	187.8
	Total site area	194.8

* Not present within survey area

Scale - 1:15,000

0 200 400 600 Metres

Further details contained in MAFF (1988) Agricultural Land Classification of England and Wales - Revised guidelines and criteria for grading the quality of agricultural land. Maff (publications), London SE99 7TP.
The information is accurate at base map scale but any enlargement would be misleading.

Surveyed and drawn by the Resource Planning Team, FRCA, Reading

MAFF Licence No: GD272361
Source map(s): SP83SW
Reference no: 0301/021/98