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NORTHAMPTONSHIRE ARCHAEOLOGY NORTHAMPTONSHIRE COUNTY COUNCIL

MAY 2002

ARCHAEOLOGICAL EVALUATION

AT

MONKSTON PARK, MILTON KEYNES

MAY 2002



Parish: M

Milton Keynes

Project Title:

Monkston Park

Grid Reference:

SP 885 381

Extent:

c 30ha

Land use:

formerly agricultural, proposed for housing

Client:

English Partnerships

Fieldwork and report date:

April-May 2002

Organisation:

Northamptonshire Archaeology

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ARCHAEOLOGICAL EVALUATION AT

MONKSTON PARK, MILTON KEYNES, MAY 2002

Abstract

Following geophysics surveys and a previous phase of trial trenching, a further thirty-two trenches were excavated at Monkston Park, Milton Keynes as part of a continuing evaluation of the archaeological resource.

Trial trenches in the vicinity of the Bronze Age find produced no evidence for the presence of a ring ditch that could have defined the presence of a Bronze Age round barrow.

Four main areas of Roman archaeology have been identified. A complex system of small ditches and gullies lie in the northern part of the site, Enclosure 1. These have produced Roman material with a broad date range of 1st - 4th centuries AD. The overall plan is unclear, but there is no evidence that activity in this area relates to any major contemporary buildings. In the southern part of the site there is a sub-square enclosure of Roman date, producing pottery dated to the 2nd - 4th centuries AD, Enclosure 2, with probable contemporary minor enclosures and boundary ditches to the south and west. In the north-western part of the site a pair of parallel ditches appear to define a trackway running north-south for some 250m. The trackway may have been contemporary with other ditches in the western part of the site that formed no obvious pattern, but produced Belgic and early Roman pottery dated to around the mid-1st century AD. Activity of the same date also continued to the east, and underlay Enclosure 2. In addition, both the previous evaluation and the current work have produced a scatter of Iron Age pottery, some coming from pits, suggesting that the Roman activity was a direct continuation from earlier settlement.

In conclusion, the study area has produced evidence of activity in the Bronze Age and Iron Age, but with no clear settlement focus. Roman activity spans the 1^{st} - 4^{th} centuries, with two tightly defined areas of settlement, both of which appear to be native domestic settlements of no more than average status.

INTRODUCTION

1

Northamptonshire Archaeology was commissioned by English Partnerships to undertake further archaeological evaluation on land located at Monkston Park, Milton Keynes, as part of the mitigation strategy for the development of the site (Fig 1, NGR SP 885 381). This work was aimed at investigating features on the southern part of the site identified by recent geophysical survey (NA 2001) and to further investigate features on the northern part of the site examined by previous evaluation (BCAS 2001a & b). The work was carried out in accordance with a brief issued by the Milton Keynes Archaeological Officer, dated 29 January 2002, and the number and location of the trenches was agreed with the Archaeological Officer prior to the commencement of work.

2 TOPOGRAPHY AND GEOLOGY

The development area is bounded on the north by Chaffron Way (H7) and on the east by Brickhill Street (V10) (Fig 1). The area slopes from east to west and from north to south with the River Ouzel, a shallow tributary of the River Great Ouse, on its western side. Recent works have left the site covered with a network of small roads and, at the time of excavation, the areas between comprised very uneven ground that had evidently been subject to widespread surface disturbance from vehicle and plant tracking.

The natural geology of the area is variable consisting of a mix of yellow/orange sands and gravels interspersed with yellow blue clay to the south-east. The surface deposits are underlain by reddish Oxford Clay.

3 ARCHAEOLOGICAL BACKGROUND

Northamptonshire Archaeology undertook a desk-based assessment of the site in 2000 (NA 2000). This defined the presence of a possible Roman settlement based on SMR records of finds of pottery, coins and other metalwork. These had all been recorded under a single grid reference, leaving it uncertain as to where and how extensive this settlement was. In September 2000, metal detecting located a hoard of objects dating from the Bronze Age during machine stripping for the provision of access roads. Following this discovery, the northern part of the site was subject to geophysical survey and trial trenching to define the context of this isolated find (BCAS 2001a & b).

Only the northern half of the site was investigated, revealing features dating from the Iron Age and Romano-British periods. These included parts of a rectilinear enclosure system of Roman date with further associated ditch systems and, to the west, a possible trackway running north-south.

In June and October 2001, Northamptonshire Archaeology carried out magnetometer surveys across much of the southern part of the site. This located a sub-square enclosure and other linear ditches of suspected Iron Age/Roman date (NA 2001a & b).

4 METHODOLOGY

A total of 32 trenches were opened using a JCB excavator, fitted with a toothless ditching bucket, working under archaeological supervision. The trenches were 2.0m wide by approximately 30m in length, and were positioned in accordance with the agreed trial trench layout (Fig 2). One proposed trench at the extreme north of the site was not excavated as fencing of the plot layout prevented access. A further two proposed trenches to the south were not excavated as information from English Partnerships staff indicated that these areas had been deeply disturbed by previous groundwork. The trenches were excavated either to the archaeological deposits or, where absent, the underlying natural.

The trenches were numbered from 20-51, to avoid repetition from previous work, which comprised trenched 1-18 (Fig 2). Following machining the exposed features were hand excavated and all features were sampled and the spoil metal detected. Recording was undertaken using standard Northamptonshire Archaeology pro-forma record sheets. Each trench was planned and appropriate sections drawn, with plan and features all levelled and related to Ordnance Datum. A photographic record was made comprising black and white negatives and colour transparencies.

5 THE EXCAVATED EVIDENCE

Of the 32 trenches excavated, sixteen contained archaeological remains, as discussed in detail below. The remaining sixteen trenches were either devoid of archaeological features or contained only recent field drains, or wheel ruts and disturbance created by the recent road construction. All trenches contained a brown/black humic topsoil, which overlaid a layer of subsoil mostly orange brown sandy clay but becoming brown in colour to the south.

All features cut natural geology. In addition to this, areas of modern disturbance and makeup layers were seen throughout the development area. Exceptions to this were trenches 37, 38, 39, 40, 41, 42, 43 and 46, where all subsoil has been removed and only re-laid topsoil was present over the natural clay. All the trench details are summarised in Appendix A1, with the more detailed archaeological context and feature descriptions in Appendix A2.

5.1 TRENCHES LACKING SIGNIFICANT ARCHAEOLOGY

A total of sixteen trenches (20, 22, 23, 26, 29, 32, 33, 34, 35, 39, 40, 41, 42, 44, 50 and 51), contained only recent field drains, modern wheel ruts or vegetation damage. For context descriptions see Appendices.

5.2 TRENCHES CONTAINING SIGNIFICANT ARCHAEOLOGY

Trench 21

Trench 21 was aligned NE-SW and lay in the north-western part of the site across the line of the trackway previously located in trenches 7, 9 and 15 (Fig 3). Two gullies [2106] and [2108] were aligned N-S, and parallel to each other at 8.0m apart, and appear to be part of the trackway system. To the west there was further gully [2104], aligned E-W and terminating to the north. None of the features produced dating evidence.

Trench 24

Trench 24 was aligned NE-SW (Fig 3). To the east there were two shallow ditches [2403] and [2405] aligned N-S and set only 2.6m apart (Fig 6, Sections 1 and 2). In addition, there was a more substantial ditch to the west, [2411], with a later re-cut [2409]. This cut some earlier gullies [2415] and [2413]. These ditches form a more complex arrangement, but are on the projected line of the trackway seen to the north in trenches 7, 9, 21 and 15.

Trench 25

Trench 25 was aligned N-S and contained three ditches (Fig 3). The two most northerly ditches, [2511] and [2507], were parallel and 8.0m apart. They may define a right-angled turn to the east at the southern end of the N-S trackway seen in trenches 7, 9, 21,15, and 24, and as suggested by the geophysics (Fig 2). Ditch [2511] contained an iron nail. To the south, ditch [2505] cut ditch [2507]. It probably runs E-W, as indicated by the geophysics, and may equate with ditch [2706] in Trench 27 to the west. It contained pottery dating to mid-first century AD. An irregular pit [2509] is probably a tree-hole.

Trench 27

Trench 27 was aligned N-S and contained a single ditch [2706] (Fig 3). It was aligned E-W and may equate with ditch [2505] in Trench 25 to the east. It contained mid 1st century AD pottery and a pieced of slag.

Trench 28

Trench 28 was aligned N-S and contained two ditches both aligned E-W (Fig 3). Ditch [2804] was relatively shallow with a flat base. Ditch [2808] was of a similar shape and depth and contained mid 1st century AD pottery.

Trench 30

Trench 30 was aligned NE-SW and contained two interlinking linear features (Fig 3). Gully [3004] was aligned E-W and was probably cut by a N-S aligned gully [3006]; the two features meeting at a right-angle at the edge of the trench. In both cases the recovered pottery dated to the 4th century AD. These features relate to the Roman enclosure system in the northern part of the site (Enclosure 1), partly defined by geophysical survey and previously trial trenched. This trench was sited to the immediate SW of the Bronze Age find spot to determine whether there might be a curvilinear ditch defining a round barrow. No such ditch was located.

Trench 31

Trench 31 was aligned N-S and contained an L-shaped length of shallow gully [3105] (Fig 4). It is dated by a small amount of pottery to the 1st- 2nd centuries AD. A pit or gully terminal [3107] lay near to the northern end of gully [3105]. A shallow, gully lay to the north of the trench. As with trench 30, these features were not detected by geophysical survey but appear to relate to the northern enclosure system (Enclosure 1). The southern end of the trench was deeply disturbed by modern road building activity.

Trench 36

Trench 36 was aligned NE-SW and contained three gullies and a pit (Fig 4). Gully [3606] was aligned E-W and was cut by pit [3604], which measured 1.00m by 0.80m by 0.45m deep. It contained 2nd- 3rd century AD pottery and an animal bone assemblage suggesting deliberate waste disposal. Gully [3608] was aligned E-W. It contained 3rd- 4th century pottery and an animal bone assemblage suggesting deliberate waste disposal. Gully [3610] was shallow with a rounded base, and aligned N-S. These features appear to be related to the northern enclosure system identified by previous work (Enclosure 1). This trench was sited to the east of the Bronze Age find spot to test for the presence of a curvilinear ditch defining a possible round barrow. No such ditch was located.

Trench 37

Trench 37 was aligned NW-SE and positioned to examine a large pond shown on a map of 1782 lying within a field called "Great Pasture" (Figs 2 and 4). The pond was excavated to a depth of 2.00m at the SE end of the trench, and the fill at this depth was still a modern backfill. This modern backfill comprised clay containing roadstone, brick and metal objects. The western edge of the pond was located but modern disturbance in this area had removed any evidence of the true silting history of the pond.

Trench 38

Trench 38 was aligned N-S and contained a single enclosure ditch aligned NE-SW [3804] previously identified by the geophysical survey (Figs 2 and 4). The ditch was steep-sided and 0.64m deep. The upper fill was dark grey and very organic, containing 2nd century AD pottery. It may be a south-western outlier of the Enclosure 1 complex. This area was heavily stripped during earlier work, which may have removed any shallower features.

Trench 43

Trench 43 was aligned E-W and contained a single shallow pit [4304] (Fig 4). This area was heavily stripped during road building, possibly truncating the archaeology.

Trench 45

Trench 45 was aligned NW-SE at the northern side of Enclosure 2 (Fig 5). The earliest feature was a shallow N-S gully [4516], which contained mid 1st century AD pottery. It was cut by E-W aligned ditch [4514], which was 0.55m deep and probably formed the northern arm of Enclosure 2, as defined by the geophysical survey. Two small gullies [4512] and [4510] lay to the south. None of these produced good dating evidence

To the south there was a re-cut ditch system, [4504], [4506] and [4508], that relates to a smaller enclosure set within the main enclosure. The pottery suggests that they date to the mid-1st to early 2nd century AD.

Trench 46

Trench 46 was aligned E-W across the eastern arm of Enclosure 2 (Fig 5). The ditch [4604] was 0.85m wide by 0.30m deep. To the west there was a shallow pit [4604]. Neither of the features contained any finds, and obvious recent stripping of the area down to and possibly into natural may have removed some shallow features.

Trench 47

Trench 47 was aligned E-W across the western arm of Enclosure 2 (Fig 5). The western arm of the enclosure was probably formed by a ditch that had been recut at least twice, [4704], [4706] and [4708], and was up to 0.80m deep. The ditch fills contained pottery dated to the 2^{nd} - 3^{rd} centuries AD.

A second ditch group lay only 2.50m to the west [4714], [4712] and [4710]. These were shallower at up to 0.35m deep, and contained a small amount of mid-1st and 2nd century AD pottery, perhaps suggesting that they belong with the earliest phase of activity in this area.

Trench 48

Trenches 48 was aligned N-S across the southern arm of Enclosure 2 (Fig 5). The enclosure ditch was aligned E-W, and was up to 0.98m deep and had been recut [4812] and [4808]. The fill contained a range of domestic debris, including part of a tegula and 3rd- 4th century pottery.

A further two shallower ditches lay to the south on parallel alignments [4806] and [4804]. Of these [4806] contained some fired-clay oven lining and [4804] contained 3rd- 4th century pottery. These ditches probably relate to possible annexes to Enclosure 2 or nearby smaller enclosures, as defined by the geophysical survey.

Trench 49

Trench 49 was aligned E-W and was sited to the SE of Enclosure 2 to examine a series of ditches located by geophysical survey (Fig 5). Both N-S ditches were located. The eastern ditch [4915] was 0.50m deep, while the western ditch had been recut at least twice [4906], [4910] and [4908], and was up to 0.88m deep (Fig 6, Section 5). Ditch [4910] also cut posthole [4914]. The posthole contained pieces of Samian pottery dating to the mid-2nd century AD, while the fill of ditch [4908] produced a pottery assemblage typically of 2nd- 3rd century date, but perhaps containing some material continuing into the 4th century.

The ditch on a NE-SW alignment [4904] at the western end of the trench also relates to a ditch located by geophysical survey.

6 FINDS

6.1 THE ROMAN POTTERY

by Roy Friendship-Taylor

There is a total of 279 sherds of pottery weighing 29.53kg. The general condition of this group was poor. Many of the sherds had lost their external surfaces making it difficult to ascertain whether there had been any external decoration present. But overall there was nothing very remarkable about this assemblage. There was only one sherd of decorated Samian, of Hadrianic or Hadrianic/Antonine date, and only five small scraps of plain samian, all of which was in very poor condition. There was a small amount of evidence of cracked surfaces on the pottery caused by water action on some of the sherds (from trench 25 and trench 45).

The site seems to date from about the mid first century AD with the presence of the ubiquitous 'channel rim' jars and a fragment of a 'girth beaker' together with several sherds of late Iron Age character. There was a small amount of second to third century pottery. The

latter date was somewhat supported by the tile (tegula) fragment in a fabric which occurs at Piddington villa, Northamptonshire only in the third to fourth centuries. A little pottery is suggestive of a fourth century date, such as the Lower Nene Valley colour coat 'funnel neck beaker' (FNBKR) from context 4909 Trench 49.

To sum up, the site produced small amounts of pottery from most of the Roman period, starting with the late Iron Age/early Roman period. However, no primary assemblages were recovered, suggesting that the areas examined are all peripheral to the main focus, of focii, of occupation, although this impression is clearly partly a product of the limited sampling.

Fabrics

Fabric code	Description	Date
1	Calcite grit	Mid C1st
1A	Calcite grit	C4th type and forms
2	Grog and quartz	(LIA/ER) Late Iron
	•	Age/early Roman
3	Grog	Late Iron Age.
4	Grog and ironstone	Late Iron Age
5	Grog with sparse fine sand	?
6	Oxidised silty fabric eith occ. large quartz frags.	Late Iron Age/E Rom.
7	Grog with shaell particles	Late Iron Age/E. Rom.
8	Grey sandy tempered with much quartz	Second century.
9	Oxford red colour coat	C3rd – C4th.
10	Colour coat - unknown source	C3rd - C4th
11	Grey ware with occ. coarse quartz grains of 1mm dia.	C2nd - C3rd
12	Organically tempered sometimes with a little calcite.	mid C1st
13	Red col. coat - imitation samian - Oxford.	Late C2nd - C3rd.
14	Verlamian region white sandy ware.	C2nd
15	Fine silty with grog - quite hard fired.	?C2nd
15A	Similar to 15 but a more 'open' fabric.	?C2nd
16	Fawn highly sand tempered.	?
17	Oven lining.	?mid C1st.
18	Fine silty with occ. quartz grains c5mm dia. and mica.	C2nd - C3rd.
19	Fine silty grey ware.	?
20	Fine silty oxidised ware.	?
21	SPG - Soft Pink Grog	C3rd - C4th
22	Heavy sand gritting and ironstone - up to 3mm.	?
23	Black Burnished category 1 (BB1)	C2nd - C3rd
24	Oxford (white) mortaria.	C3rd - C4th
25	Samian.	C2nd - C4
26	Black sandy	C2nd - C3rd
27	Hackley/quartz orange/grey fabric.	?

28	Tile with an organic temper.	C3rd - C4th
28A	Grog tempered tile fabric	C3rd - C4th
29	Fine sandy grey ware with a red/brown core.	?
30	Grey slipped fine sandy ware.	C3rd
31	Lower Nene Valley col. coat (LNVCC)	lateC3rd - C4th

Attributes

Code	Description
CJAR	Cordoned jar
CRJAR	Channel-rim jar
SQJAR	Square-rim jar
SJAR	Storage jar
HRJAR	Hook-rim jar
TRIRJAR	Triangula-rim jar
BWL	Bowl
FBWL	Imitation samian
RRBWL	Reeded-rim bowl
GBKR	Girth beaker
DISH	Dish
CYBWL	Cylindrical bowl
FNBKR	Funnel-rim beaker

Table 1: Pottery tabulation

Trench/	Fabric	Sherd no	Weight (g)	Vessel type	Attrib	Date	Notes
	1	9		CRJR	P. P.O	mid C1	Channel riming
25 (2506)	3	6	61 35	vessel	R,BO BO	mid C1 mid C1	Channel-rim jar Evidence of waterlogging
	3	4	23	vessel	BO, BS	mid C1	Evidence of waterlogging
25 (2512)	2	5	7	vessel	BO, BS	mid C1	late IA-early Roman
23 (2312)	2	2	22	CJAR	ВО	mid C1	with burnished lattice
	1	1	6	vessel	BO	mid C1	with burnished lattice
27 (2707)	3	1	2	vessel	BO	mid C1	
28 (2807)	3	1	2	vessel	ВО	mid C1	
28 (2809)	1	27	61	SQJAR	R, BO	mid C1	Friendship-Taylor 1999 Rushden, fig 80, 5
	3	4	44	vessel	BS	mid C1	Transition, ing co, is
	4	1	9	vessel	BS	mid C1	
	5	3	58	SJAR	BS	mid C1	Vertical combing
30 (3005)	6	2	13	HRJAR	R, BO	late C1	hook-rim jar
()	1A	3	17	vessel	BO	C4	,
	1	1	7	MORT	BWL	C4	Oxford red col.coat mortaria
	10	1	1	vessel	ВО	?C3/4	
30 (3007)	1A	2	32	BWL	R	C4	2 joining sherds
31 (3106)	8	2	13	BWL	R, BO	C2	7
(2 2 2)	7	2	9	vessel	ВО	mid C1	, , , , , , , , , , , , , , , , , , , ,
31 (3108)	7	1	5	TRIRJ	R	mid C1	Poss. copy continental type flagon
34 (3402)		3	1		ВО		Iron Age
36 (3605)		11	1		RIM	?C2/3	, "
36 (3609)	15	3	3	vessel	B, BO	?C3/4	
	13	1	9	FBWL	ВО	C3/4	red col.coat-imitat'n samian
38 (3805)	14	5	86	RRBW L	R, BO	C2	Verulamian region
	4	1	11	vessel	BO	?	may be residual
	1	11	102	vessel	BS, BO	?	
	15	1	1	vessel	BO	?	
	15A	1	8	JAR	R	C2	Possibly early C2
	16	1	7	vessel	BO	mid C1	
38 (3809)	11	3	23	JAR	R, BO	?	
44 (4402)	2	1	2	vessel	ВО	mid C1	
	1	1	11	vess	BO	?	oven lining
45 (4505)	8	2	14	vessel	BO	?	
	21	1	26	vessel	BO	?	SPG
	23	1	11	vessel	BO	?	BB1
	20	1	4	vessel	BO	?	
45 (4507)	12	3	11	vessel	BS, BO	mid C1	
	18	1	2	vessel	BO	?	
	19	2	5	vessel	BO	C2	
İ	20	2	19	vessel	ВО	?	
1	4	6	98	vessel	BO	?	
1	12	6	41	JAR	R, BO	earlyC2	
	11	. 2	6	vessel	BO	?	
	19	1	1	vessel	ВО	?	<u> </u>

Trench/	Fabric	Sherd	Weight	Vessel	Attrib	Date	Notes
context		no	(g)	type		<u> </u>	
45 (4511)	16	2	35	vessel	BO	?	
i	3	1	19	vessel	BO	?	
	2	1	2	vessel	BO	?	
45 (4513)	21	1	86	vessel	ВО	?	SPG
	22	2	11	vessel	BS	?	joining sherds
	5	3	13	vessel	BO	?	
	2	7	38	vessel	во	?	
	1	1	1	vessel	BO	?	
45 (4513)	8	4	5	JAR	R,BO	?	
45 (4517)	2	1	24	GBKR	ВО	mid C1	girth beaker-heavily scribed- water cracking
:	4	2	17	vessel	ВО	?midC1	
	5	1	5	vessel	ВО	?midC1	
	2	2	9	vessel	ВО	?	
47 (4705)	12	5	36	vessel	ВО	?	
, ,	16	6	58	vessel	BO, BS	?C2/3	burnished vertical stripes
	8	3	9	vessel	R, BO	?	
	14	1	12	vessel	ВО	?	
47 (4706)	12	9	17	vessel	BS, BO	?	
, ,	3	3	16	vessel	ВО	?	
	8	2	3	vessel	BO	?	
	2	2	4	vessel	ВО	?	
	24	1	126	MORT	BS	C3	White Oxford mortaria
47 (4707)	21	2	64	vessel	BO	?	
47 (4709)	12	7	35	JAR	R,BO	?	·
((((((((((((((((((((21	1	15	JAR	R	C3	SPG
	15	1	9	vessel	BO	?	
47 (4711)	2	5	31	JAR	R, BO	earlyC2	
((((((((((((((((((((12	3	21	CRJAR	R,BO	mid C1	channel rim jar
47 (4713)	2	5	12	vessel	во	?	
48 (4805)	23	1	39	DISH	BS	C3/4	BB1
48 (4807)	17	4	24	OVEN		?	oven lining
48 (4809)	25	2	1	vessel	BO	?	oren mag
,0 (1002)	12	2	25	vessel	во	?	
	9	1	12	BWL	R	C3	very badly eroded
	8	2	14	vessel	ВО	?	very cuery crouse
	3	1	6	vessel	во	?	
	26	2	15	vessel	BO	?	
	27	1	4	vessel	BO	?	
·	28	2	448	TILE		C3/4	tile-tegula
	12	1	4	vessel	ВО	?	
İ	21	1	8	vessel	BO	?	
	29	1	6	vessel	ВО	?	-
	28	1	3	vessel	BO	?	very small frag
	26	1	2	vessel	BO	?	Total Gag
	6	1	1	vessel	BO	?	
48 (4811)	23	1	14	vessel	BO	?	
10 (4011)	2	1	6	vessel	BO	?	
49 (4904)	21	2	14	vessel	BO	?	
12 (T20T)	16	1	13	JAR	R	?	
49 (4907)	28A	1	91	TILE	IX.	?	tile - imbrex?
42 (420/)	2011	L	71	LILLE	l	<u> </u>	nie - morex:

Trench/ context	Fabric	Sherd no	Weight (g)	Vessel type	Attrib	Date	Notes
49 (4909)	25	1	9	BWL	ВО	m-l C2	decorated samian Had/Ant-v worn
	30	3	26	CYBW L	R, BO	C2	grooved rim-cylindrical bwl- burnished curvilinear dec
	12	1	8	vessel	ВО	?	
	21	1	7	vessel	ВО	?	
	21	11	266	vessel	BO, BS	C3	
	26	2	18	DISH	R	C2/3	joining sherds
	23	1	23	DISH	R	C2/3	
	26	2	39	DISH	R	C2/3	
ł	12	3	12	vessel	ВО	?	
	31	1	14	FNBK R	R	?C4	RP Symonds 1992, fig 31, 1447. Howe et al undated, fig5, 52
49 (4913)	12	1	26	?JAR	BS	C3	
49 94915)	25	3	4	vessel	ВО	m-l C2	Had/Ant samian, v.scrappy
TOTALS		282	2811				

6.2 OTHER FINDS

by Tora Hylton

The evaluation produced six iron objects. With the exception of one nail, the entire assemblage comprises undiagnostic fragments that are impossible to identify or date. The nail is complete with a T-shaped head and rectangular-sectioned shank, it displays similarities to Mannings Type 3 (1985, 136) (context 2512, ditch). In addition, a single piece of slag came from the fill of a ditch (2707) [2706].

6.3 WORKED FLINT

by Andy Chapman

A total of seven pieces of struck flint was recovered. Six of these are flakes from contexts (2406), (2512), (2809), (3609) and (4904). The other piece is a crude two-platform core (3605). The core is typical of later Neolithic/early Bronze Age technologies based on small flint nodules derived from river valley gravel deposits.

6.4 ANIMAL BONE

by Karen Deighton

A total of 1.589kg of animal bone from 12 contexts was rapidly scanned to gain an idea of the species present, evidence for butchery and the state of preservation. No evidence for butchery or burning was observed. Two instances of canid gnawing were noted. Fragmentation and surface abrasion were average.

Table2: Number of contexts in which each animal species appears

Equus	Bos	Sus	Ovicaprid	Canid
2	7	1	3	1

Two partial skeletons were noted. An adult ovicaprid was present in the subsoil (context 2703); recovery was only partial due to the poor preservation of the specimen. Limb bone and vertebra fragments from a dog skeleton were noted in context 2506 (ditch).

A typical range of domestic species was noted with an apparent dominance of cattle. The assemblage was too small to make any statement about body part representation other than that a range of body parts was present.

No evidence for neonates was noted. The Sus bone elements observed were unfused suggesting the presence of sub adult pigs.

Relatively large concentrations of bone were noted in two contexts, a pit (3605) and a gully (3609). This is probably indicative of deliberate deposition of domestic waste.

6.5 ENVIRONMENTAL EVIDENCE

Two ten litre soil samples were processed using a siraf tank fitted with a 500-micron mesh and flot sieve. The resulting flots were dried and examined with a microscope at 10x magnification. Preservation was fairly poor with most grains exhibiting some fragmentation and abrasion.

Sample 1 Context 4809

Five cereal grains of wheat/barley (*Triticum/Hordeum*) type were noted. Two fat hen (*Chenopodium album*) and two indeterminate weed/wild species seeds were also present. The sample also produced occasional small (less than 5mm in any dimension) charcoal fragments.

Sample 2 Context 4507

Twelve cereal grains were observed including one possible spelt (Triticum spelta), one einkorn /emmer (Triticum monococum /dicocum) and five wheat /barley. Four fragments of chaff (1 possible spelt,) were also noted and a small pulse. Very occasional small charcoal fragments were also present.

Too little material was produced to characterise the arable economy of the site. Indeed the low frequency of charred grain and its provenance (i.e. ditch fills) would suggest accidental deposition or casual disposal. The level of identification possible is limited by the poor preservation of the grains. The samples examined were taken from two of the more promising contexts in terms of the presence of carbonised material, and the results suggest that the presence and preservation of carbonised remains is only poor to average.

7 DISCUSSION

The evaluation trenches located four areas of broad archaeological interest, as summarised below. These suggest a Roman presence in the area possibly in the form of native farming communities, but not of a particularly high social status. This occupation appears to be predated by Iron Age activity, with the Roman sites possibly representing a direct continuation of settlement. The extents of the principal areas of archaeological interest that require the development of a mitigation strategy are shown on Fig 2.

Trenches in the area around the Bronze Age find did not located any evidence for the presence of a barrow into which this material may have been inserted. The find would therefore appear to have been within an isolated pit with no evident association with any pre-existing structure.

The evidence retrieved suggests that parts of the Roman sites are relatively well preserved, with the usual degree of truncation from previous centuries of ploughing that has left only cut features surviving. In some areas there has also been more recent truncation associated with the provision of the access roads. Previous finds recorded on the SMR and the results of trial excavation indicate that they will produce a range of pottery and metal finds, and perhaps some indication of local industrial activity. Both bone and carbonised seeds were recovered from Roman deposits, although preservation is only poor to average, indicating a limited potential for further defining the agricultural base of the settlements.

7.1 ENCLOSURE 1

To the north there is an area of Roman occupation defined by geophysical survey and by both episodes of trial trenching, Enclosure 1 (Fig 2). The ditches and gullies are largely aligned slightly off N-S and E-W alignments. The consistency of alignment suggests a phase of enclosure formation, with subsequent expansion and/or infilling respecting the original alignment. All the ditches and gullies in this area were less than 1.00m wide by less than 0.50m deep (with the exception of ditch [1507] in trench 15). There were no substantial amounts of building materials or artefacts recovered to suggest that any of the ditches and gullies may have been wall foundation trenches.

The form of settlement is unclear, but appears to have comprised a sub-rectangular enclosure or enclosures with numerous minor internal sub-divisions, some of which may relate to minor timber buildings. The confusion of plan may be a result of long-term use of area, with the small amounts of pottery recovered ranging from the first to the fourth centuries AD.

The surviving part of Enclosure 1 therefore contains significant potential to define the nature and chronology of a small settlement apparently in use from the first to fourth centuries. However, it must be noted that much of the eastern side has already been lost during road construction, so a complete plan is not recoverable. A small area at the north-eastern corner of the enclosure system survived to the east of the access road, and produced the only significant animal bone assemblages recovered from the site.

7.2 TRACKWAY

A probable trackway ran north-south and lay to the west of Enclosure 1. It comprised two parallel ditches, 1.00m wide by 0.30m deep, and set 8m apart. It ran for a length of at least 250m, from trench 7 in the north, to trench 25 in the south, where it turned onto a W-E alignment. Pottery from the ditches at the southern end of the trackway suggests a mid-first century AD date, making it contemporary with the first phase of Roman settlement.

The trackway is a fairly minor feature that has already been well defined in terms of its location and nature, even if its dating is less well defined. Its possible eastward continuation at the southern end has been lost in the access road construction.

7.3 FIRST CENTURY SETTLEMENT

The trackway ditches and other ditches in the western part of the site (Trenches 24-28 and 44) are dated to the mid first century AD. The ditches form no obvious pattern, and appear to define a system of large plots or fields. However, mid first century AD pottery was also recovered from features pre-dating Enclosure 2, suggesting that this activity was widely spread across the southern half of the site. Some contemporary material was also recovered from around Enclosure 1.

The first century activity, and the evidence for preceding Iron Age occupation, is sparse and widely scattered, with no evident focus of occupation. Defining its nature in any more detail is therefore problematic. However, this could probably be achieved most economically by its investigation within an area of later activity, such as Enclosure 1 and Enclosure 2. In both instances it has been shown that there are underlying first century features, and it is possible that they represent continuity of settlement from the first century onward.

7.4 ENCLOSURE 2

The southern enclosure has been quite clearly defined by geophysical survey as comprising a sub-square enclosure, c60m in diameter. Both the geophysical survey and the trial trenching also identified the presence of at least one internal enclosure and various smaller enclosures or annexes to the south. These ditches were more substantial that those of Enclosure 1, at from 0.50-1.00m deep. A small amount of building material and fired clay was recovered from the area, suggesting the presence of a timber-framed building with a ceramic tiled roof.

The dating evidence suggests that the use of the enclosure probably spanned the third to fourth centuries AD, but with earlier activity of the first and second centuries also present. This enclosure survives fully intact, with only some limited disturbance to the east from stripping of the topsoil and subsoil during recent groundworks, which have further truncated the natural surface.

Enclosure 2 represents the single most intact element of the earlier landscape, as both the full extent of the enclosure and adjacent elements of associated enclosures and boundary ditches have been largely unaffected by any recent groundworks. The enclosure therefore offers the potential to provide an example of a minor settlement enclosure in use through the late Roman period, and with underlying elements of earlier Roman, and perhaps Iron Age, activity.

The post-medieval pond investigated in Trench 37 did not reveal any information as to its construction and silting, and had been backfilled in the relatively recent past with clay and building debris.

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Northamptonshire Archaeology a service of Northamptonshire County Council

30 May 2002

A1 SUMMARY TRENCH INFORMATION

Table 2: Trench summaries

Trench Number	Dimension (m)	Objective	Depth of natural & archaeology below ground level (m)
20	30 x 2	To examine blank area between previous trial trenches.	0.5-0.6
21	30 x 2	To attempt to locate the set of two gullies found in trench 7	0.5-0.6
22	30 x 2	To investigate blank areas in the geophysical survey	0.4-0.6
23	30 x 2	To investigate blank areas in the geophysical survey	0.6
24	30 x 2	To investigate blank areas in the geophysical survey.	0.8
25	30 x 2	To investigate two possible linear features identified by the geophysical survey.	0.7-0.8
26	30 x 2	To examine a small anomaly seen on geophysical survey.	0.95-1.05
27	30 x 2	To investigate blank areas in the geophysical survey.	0.85-0.9
28	30 x 2	To examine blank areas in the geophysical survey.	0.75
29	30 x 2	To examine the area to the NW of previous trenching for further features.	0.6
30	30 x 2	To investigate the area to NE of previous geophysics and trenching.	0.6
31	30 x 2	To investigate the area to south of previous geophysics and trenching.	0.5
32	30 x 2	To examine the low lying area of the site	0.35-0.55
33	30 x 2	To examine the low lying area of the site	0.7-0.9
34	30 x 2	To examine the low lying area of the site.	0.67-0.7
35	30 x 2	To investigate two small geophysical anomalies and link with previous trenching.	0.5

Trench Number	Dimension (m)	Objective	Depth of natural & archaeology below ground level (m)
36	30 x 2	To investigate a group of linear features identified by the geophysical survey.	0.6
37	30 x 2	To examine the backfilled pond seen on a map of 1782, determining its construction and dating.	0.6
38	30 x 2	To investigate a linear anomaly identified by the geophysical survey.	0.55-0.6
39	30 x 2	To examine a blank area in the geophysical survey.	0.25
40	30 x 2	To examine a blank area in the geophysical survey.	0.4
41	30 x 2	To investigate an anomaly identified by the geophysical survey.	0.4
42	30 x 2	To examine a blank area in the geophysical survey.	0.4
43	30 x 2	To examine a blank area in the geophysical survey.	0.6
44	30 x 2	To investigate a linear feature identified by the geophysical survey.	0.6-0.8
45	30 x 2	To investigate a set of two enclosures identified by the geophysical survey.	0.5-0.6
46	30 x 2	To investigate the east side of an enclosure identified by the geophysical survey.	0.31-0.35
47	30 x 2	To investigate the west side of an enclosure identified by the geophysical survey.	0.5-0.6
48	30 x 2	To investigate the south side of an enclosure and smaller exterior enclosures identified by the geophysical survey.	0.5-0.55
49	30 x 2	To investigate a set of two linear anomalies identified by the geophysical survey.	0.45-0.5
50	30 x 2	To examine a blank area in the geophysical survey.	0.6-0.65
51	30 x 2	To examine a blank area in the geophysical survey.	0.5-0.6

A2 Context Inventory

Abbreviations

Cardinal points e.g. N-S = north to south

Context [...] identifies the cut

Table 3. Context Inventory

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
20	Topsoil	2001	Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.3-0.35m deep).	-	-
	Subsoil	2002	Orange/brown sandy clay with inclusions of flint and small stones (0.2-0.25m deep).	-	-
	Natural	2003	Yellow/brown mottled sandy clay with flint and small stones.	-	-
	Tree feature	[2004]	Irregular sided feature cutting natural with shallow sloping sides and an uneven base (2m x 1.4m x 0.2m deep).	Natural vegetation feature	
		2005	Filled by orange brown sandy clay with inclusions of gravel pieces.		
21	Topsoil	2101	Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.3m deep).	-	-
	Subsoil	2102	Orange/brown sandy clay with inclusions of flint and small stones (0.2-0.3m deep).	-	•
	Natural	2103	Yellow/brown mottled sandy clay with flint and small stones.	-	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
_	Gully	[2104]	Shallow linear gully cut into natural with sloping sides and a rounded base, extending in a N-S direction (0.7m wide by 0.1m deep).	-	-
		2105	Filled by yellow brown silty clay with small stone inclusions.	-	-
	Gully	[2106]	Shallow U-shaped linear gully extending E-W and cutting natural (0.78m wide and 0.26m deep).	Connects to gully [903] found in Trench 9 and gully	- ,
		2107	Filled by mid brown sandy clay with frequent stone inclusions and charcoal flecking.	[2405] in Trench 24	-
	Gully	[2108]	Shallow U-shaped linear gully extending E-W and cutting natural (2.4m wide x 0.6m deep).	Connects to gully [906] found in Trench 9 and gully	-
		2109	Filled by mid brown silty clay with frequent stone inclusions, flint and charcoal flecking.	[1504] in Trench 15	
22	Topsoil	2201	Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.2m deep).	- .	-
	Subsoil	2202	Orange/brown sandy clay with inclusions of flint and small stones (0.2-0.4m deep).	•	-
	Natural	2203	Yellow/brown mottled sandy clay with flint and small stones.	-	-
23	Topsoil	2301	Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.3m deep).	-	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Subsoil	2302	Orange/brown sandy clay with inclusions of flint and small stones (0.3m deep).	-	-
	Natural	2303	Yellow/brown mottled sandy clay with flint and small stones.	-	-
24	Topsoil	2401	Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.2m deep).	-	-
•	Subsoil	2402	Orange /brown sandy clay with inclusions of flint and small stones (0.2-0.4m deep).	-	-
	Gully	[2403]	Shallow linear gully cutting natural and extending E-W, with sloping sides and a U-shaped profile (0.8m wide x 0.3m deep).	-	-
		2404	Filled by mid brown compact sandy clay with occasional stones and charcoal flecking.	-	Animal bone
	Gully	[2405]	Steep sided linear gully extending W-E with a V-shaped profile. Cutting natural (0.75m wide x 0.32m deep).	Possibly links to ditch [1504] in Trench 15	Struck flint flake
		2406	Filled by mid brown sandy clay with stone and flint inclusions.		
	Gully	[2407]	Linear gully cut into natural with steep sides and a shallow flat base. It extends in a NW-SE direction (0.8m wide by 0.1m deep).	-	-
•		2408	Filled by mid brown sandy clay with small stone and flint inclusions as well as charcoal flecking.	Cut by ditch [2411]	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Ditch	[2409]	Linear ditch cut into natural with steep concave sides and a concave base (1.04m wide x 0.4m deep), it extends in a NW-SE direction.	Later re-cut of ditch [2411]	
		2410	Filled by dark brown sandy clay with inclusions of small stones and flint fragments.	-	-
,	Ditch	[2411]	Linear ditch cut into natural with steeply sloping sides and a flat base, extending in a NW-SE alignment (0.3m wide x 0.17m deep).	Cut by ditch [2409] and may be the original cut of this ditch. Possibly links to gully	_
•		2412	Filled by light brown sandy clay with occasional small stones and flint pieces.	[2106] in Trench 21	-
	Gully	[2413]	Linear gully cut into natural extending in an N-S alignment, with steep sides and a flat base (0.6m wide x 0.2m deep). Butt ends to the west.	-	-
		2414	Filled by orange brown sandy clay with small stones and flint pieces.	-	-
	Gully	[2415]	Linear gully cut into natural, aligned N-S, with a U-shaped profile and rounded base (0.5m wide x 0.26m deep).	Appears to feed into ditch [2409] possibly a drainage function	-
		2416	Filled by orange brown sandy clay with inclusions of small stones.	<u>-</u>	-

Feature Type	Context	Description .	NOTES	Artefact types
Topsoil	2501	Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.4 -0.5m deep).	Probably stripped and respread over builders rubble during road construction	-
Modern make-up	2502	Orange yellow coarse gritty sand, probably builders sand and gravel (0.01-0.1m deep).	Debris from road construction	
Subsoil	2503	Orange/brown sandy clay with inclusions of flint and small stones (0.2-0.3m deep).	Previously stripped to this level and then recovered	-
			-	-
Natural	2504	Yellow/orange/brown mottled sandy clay with flint and gravel pieces included.	-	-
			•	-
Ditch	[[]	Linear ditch cut into natural extending in an E-W alignment,	Cuts ditch [2507]	- .
		May link to ditch [2404] in Trench 24	Pottery	
	2506	Filled by dark orange/brown silty clay with occasional small stones and flint as well as charcoal flecks.	Relates to linear ditch seen on geophysical results	Animal bone
	Type Topsoil Modern make-up Subsoil Natural	Type Context Topsoil 2501 Modern 2502 make-up Subsoil 2503 Natural 2504 Ditch [2505]	Topsoil 2501 Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.4 -0.5m deep). Modern make-up 2502 Orange yellow coarse gritty sand, probably builders sand and gravel (0.01-0.1m deep). Subsoil 2503 Orange/brown sandy clay with inclusions of flint and small stones (0.2-0.3m deep). Natural 2504 Yellow/orange/brown mottled sandy clay with flint and gravel pieces included. Ditch [2505] Linear ditch cut into natural extending in an E-W alignment, with a steep sided profile and a rounded base (1.9m wide x 0.8m deep). Filled by dark orange/brown silty clay with occasional small	Topsoil 2501 Dark brown sandy clay loam, with inclusions of flint and small stones and topped by rough turf (0.4 -0.5m deep). Probably stripped and respread over builders rubble during road construction Probably stripped and respread over builders rubble during road construction Orange yellow coarse gritty sand, probably builders sand and gravel (0.01-0.1m deep). Orange/brown sandy clay with inclusions of flint and small stones (0.2-0.3m deep). Previously stripped to this level and then recovered Yellow/orange/brown mottled sandy clay with flint and gravel pieces included. Ditch [2505] Linear ditch cut into natural extending in an E-W alignment, with a steep sided profile and a rounded base (1.9m wide x 0.8m deep). Filled by dark orange/brown silty clay with occasional small stones and flint as well as chargoal fleeks. Relates to linear ditch seen

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Ditch	[2507]	Linear ditch cut into natural with steep sides and a flat base extending in an E-W alignment (1.2m wide x 0.7m deep).	Relates to linear ditch seen on geophysical results	-
		2508	Filled by orange brown sandy clay with small stones and flint pieces.	Cut by ditch [2505]	-
	Tree Feature	[2509]	Cut of irregular feature into natural with shallow sloping sides and uneven base (0.55m wide x 0.3m deep).	Natural tree feature	-
	Toutaro	2510	Filled by dark orange brown sandy silty clay with inclusions of small stones and flint pieces.	-	•
	Ditch	[2511]	Linear ditch cut into natural with steep sides, a V-shaped profile and aligned E-W (1.3m wide x 1m deep).	Possibly links to ditch [2706] in Trench 27	Struck flint flake
		2512	Filled by dark orange brown sandy clay with small stones and flint pieces and occasional flecks of charcoal.	Relates to linear ditch seen on geophysical results	Pottery Animal bone Fe nail (SF 6)
26	Topsoil	2601	Dark brown sandy clay loam, with inclusions of flint, small stones and lenses of builder's sand and gravel and topped by rough turf (0.3 -0.4m deep).	Probably re-laid topsoil	- .
	Overlaid Topsoil	2602	Partially truncated topsoil of uneven depth consisting of dark brown sandy clay loam, with inclusions of flint and small stones (0.2-0.3m deep).	-	-
	Subsoil	2603	Orange/brown sandy clay with inclusions of flint and small stones (0.35-0.45m deep).	-	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Natural	2604	Yellow/orange/brown mottled sandy clay with flint and gravel pieces included.	-	-
	Tree Feature	[2605]	Irregular cut into natural with shallow, sloping sides and an uneven base (0.45m wide x 0.25m deep).	Natural tree feature	-
		2606	Filled by orange yellow mottled silty clay with small stone and flint inclusions.	•	-
27	Modern make-up	2701	Orange/brown sandy clay with lenses of dark brown sandy silt loam and occasional lumps of compact green/grey clay. It also has inclusions of modern concrete and tarmac (0.2-0.3m deep).	Overlaid rubbish relating to road building	-
	Topsoil	2702	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.15 -0.3m deep).	Truncated by previous topsoil stripping in places	-
	Subsoil	2703	Orange/brown sandy clay with inclusions of flint and small stones (0.1-0.4m deep).	Truncated by previous topsoil stripping in places	Animal bone
	Natural	2704	Pale red brown sandy clay with flint and gravel pieces included.	-	<u>-</u>
	Modern make-up	2705	Dark grey brown silt clay very mixed containing large lumps of dark brown silty loam with inclusions of small stones and flints. Mostly occurring to the south of the trench to a depth of 0.3-0.6m deep.	Disturbance related to recent road building	-
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Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Ditch	[2706]	Linear ditch extending E-W with steeply sloping sides and a flat base (1.6m wide x 0.55m deep).	Possibly links to ditch [2511] in Trench 25.	Pottery
		2707	Filled by dark brown sandy clay with inclusions of compact clay, fractured flint pieces and flecks of charcoal.	-	Slag (SF 2)
28	Topsoil	2801	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.35 -0.4m deep).	-	-
	Subsoil	2802	Orange/brown sandy clay with inclusions of flint and small stones (0.35-0.45m deep).	-	-
	Natural	2803	Pale red brown sandy clay with flint and gravel pieces included.	-	-
	Ditch	[2804]	Linear ditch cut into natural with steeply sloping sides and a rounded base, aligned E-W (2m wide x 0.5m deep).	-	-
		2805	Filled by dark orange brown sandy clay with mottles of fine firm grey clay and inclusions of small stones and flint pieces.	•	-
	Field drain	[2806]	Cut of machine trench for field drain aligned E-W (1m wide by 0.4m deep).	-	-
		2807	Filled by dark orange brown sandy clay mixed modern fill.	-	-
	Gully	[2808]	Linear gully cut into natural with steep sides and a flat base, aligned E-W (2m wide x 0.45m deep).	-	Struck flint flake
		2809	Filled by dark orange brown sandy clay with flecks of grey compact clay and small stones and flint pieces.	_	Pottery

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
29	Topsoil	2901	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.4m deep).	-	-
	Subsoil	2902	Orange/brown sandy clay with inclusions of flint and small stones (0.2m deep).	-	•
	Natural	2903	Yellow/orange mixed sandy clay with inclusions of chalk, flint and small stones.	-	-
30	Topsoil	3001	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.35m deep).	-	
	Subsoil	3002	Orange/grey/brown stony sandy clay with inclusions of flint and small stones (0.25m deep).	-	-
	Natural	3003	Yellow/orange mixed sandy clay with inclusions of chalk, flint and small stones interspersed with patches of blue clay.	-	-
	Ditch	[3004] 3005	Linear ditch cut into natural with steeply sloping sides and a rounded base, extending E-W (3.2m at least x 0.7m x 0.3m deep). Filled by brown/black sandy clay with inclusions of small stones and flint.	Cut by gully [3006]	Pottery Animal bone Fe ob (SF 5)
	Gully	[3006] 3007	Cut of linear into natural with steeply sloping sides and a flat base, aligned N-S (at least 7.5m x 0.5m x 0.15m deep). Filled by mid dark brown sandy clay with inclusions of small stones, flint pieces and charcoal flecks.	Cuts ditch [3005]	Pottery Fe nail
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Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Modern make-up	3008	Mixed blue grey clay with brick pieces, roots and charcoal flecks. Occurs only to the east end of the trench.	Due to disturbance from road construction	- -
31	Topsoil	3101	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.2-0.4m deep).	-	•
	Subsoil	3102	Orange/grey/brown stony sandy clay with inclusions of flint and small stones (0.2-0.35m deep).	-	-
	Modern make-up	3103	Mixed layer of topsoil, subsoil, abundant modern brick and concrete inclusions and dirty blue clay (0.5m deep). (Seen at south end of trench where it has been stripped down to the natural by modern road works).	Layer of material to the south of the trench created by road construction and stripping of area	Modern metal and wood (not retained)
	Natural	3104	Yellow/orange mixed sandy clay with inclusions of chalk, flint and small stones interspersed with patches of blue clay.		-
	Gully	[3105]	Linear gully cut into natural with shallow, sloping sides and a rounded base becoming almost V-shaped in profile to the south. It extended in an N-S direction (0.4-0.5m wide x 0.13-0.28m deep).	-	- Pottery
		3106	Filled by mid brown sandy clay with occasional small stones and infrequent charcoal flecks.		
	Pit/butt end	[3107]	Cut of shallow sub-ovular feature into natural with shallowly sloping sides and a flat base (0.9m wide x 0.13m deep).	· -	-
		3108	Filled by orange/brown sandy clay with occasional small flint inclusions and charcoal flecks.	-	Pottery
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Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Gully butt end	[3109]	Cut into natural with shallowly sloping sides and a rounded base butt ending to the west. It extends N-S (0.4m wide x 0.1m deep).	- -	-
		3110	Filled by orange/brown sandy clay with occasional small flint inclusions and charcoal flecks.	-	<u>.</u>
32	Topsoil	3201	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.25-0.3m deep).	-	-
	Subsoil	3202	Orange/grey/brown stony sandy clay with inclusions of flint and small stones (0.3m deep)	-	-
	Natural	3203	Orange/yellow silt sand with inclusions of flint nodules, gravel and sand patches.	-	-
33	Re- deposited topsoil	3301	Dark brown silty clay loam with mixed pieces of silty clay and coarse gritty sand included, overlain by rough turf (0.05-0.3m deep).	Topsoil was stripped and re- lain during road construction	-
	Modern makeup	3302	Orange/yellow coarse gritty sand with flint pieces (0.2-0.33m deep).	Layer of modern debris from road building	-
	Subsoil	3303	Orange brown sandy clay with inclusions of small stones and flint pieces (0.35-0.45m deep).	Area previously stripped to this level during road constriction	-
	Natural	3304	Dark orange/brown sandy silty clay with inclusions of flint and gravel pieces.	-	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
34	Topsoil	3401	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.25-0.3m deep).	-	-
	Subsoil	3402	Orange/grey/brown stony sandy clay with inclusions of flint and small stones (0.4-0.42m deep).	-	Pottery
	Natural	3403	Dark orange/brown sandy silty clay with inclusions of flint and gravel pieces.	-	•
35	Topsoil	3501	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.3m deep).	-	-
	Subsoil	3502	Orange/grey/brown stony sandy clay with inclusions of flint and small stones (0.2m deep).	-	-
	Natural	3503	Mixed orange/yellow sandy clay with inclusions of flint and gravel pieces.	-	-
	Modern make-up	3504	Modern rubble including clay and chalk with roots 0.8m deep at the SW end changing to 0.1m deep 15m up the trench.	Modern debris from road building	-
36	Topsoil	3601	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.3m deep).	-	-
	Subsoil	3602	Orange/grey/brown stony sandy clay with inclusions of flint and small stones (0.3m deep).	-	-
	Natural	3603	Mixed orange/yellow sandy clay with inclusions of flint and gravel pieces.	-	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Pit	[3604]	Cut of sub-circular feature into natural with steeply sloping sides and a rounded base (1m x 0.8m x 0.45m deep).	Cuts gully [3606]	Pottery Animal bone
		3605	Filled by dark brown sandy clay with inclusions of flint and stone pieces.		Flint core – possible Neolithic/ bronze age
	Gully	[3606]	Linear gully cut into natural with steep sides and a rounded base, extending in an E-W direction (at least 1.3m x 0.35m x 0.1m deep).	Cut by [3604]	-
		3607	Filled by grey/brown/black sandy clay with inclusions of small stones, flints and charcoal flecks.		
	Gully	[3608]	Linear gully cut into natural with steeply sloping sides and a flat base, extending in an E-W alignment (at least 2.3m x 0.8m x 0.3m deep).	Relates to linear gully seen on geophysical survey	Pottery Animal bone
		3609	Filled by mid brown sandy clay with inclusions of small stones, flint pieces and charcoal flecks.		Struck flint flake
	Gully	[3610]	Linear gully cut into natural with steep sides and a rounded base, extending in an E-W alignment (at least 2m x 0.9m x 0.35m deep).	Relates to linear feature seen on geophysical survey	-
		3611	Filled by orange brown sandy clay with inclusions of small stones and roots.		
37	Re-spread topsoil	3701	Dark brown sandy clay loam, with inclusions of flint, small stones, brick pieces and topped by rough turf (0.6m deep).	Re-spread topsoil disturbed by road construction	-

Trench No.	Feature Type	Context	. Description	NOTES	Artefact types
	Natural	3702	Mixed orange/yellow sandy clay with inclusions of flint and gravel pieces.		-
	Pond	[3703]	Cut of large sub-circular feature into natural with steeply sloping sides and a base of unknown shape or depth (at least 2m deep).	Pond had been levelled and back filled with modern rubbish including road stone	-
		3704	Upper fill - mixed brown /grey clay with inclusions of flint pieces, rocks and bricks (1.2m deep).	and bricks	-
		3705	Lower fill - mixed grey/brown sandy clay with inclusions of road stone and metal objects (at least 0.8m deep).		<u>.</u>
38	Topsoil	3801	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.3-0.35m deep).	Re-spread topsoil disturbed by road construction	-
	Subsoil	3802	Orange/grey/brown stony sandy clay with inclusions of flint and small stones (0.2-0.3m deep).	-	
	Natural	3803	Mixed orange/brown sandy clay with inclusions of flint and gravel pieces.	-	-
	Ditch	[3804]	Linear ditch cut into natural with steeply sloping sides and a flat/rounded base, extending NE-SW (3.25m wide x 0.64m deep).	Previously identified by geophysical survey	Pottery Animal bone
	 	3805	Upper fill- grey/black sandy clay with inclusions of flint and small stones and finds of pottery and animal bones (0.35m deep).		
		3806	Lower fill - yellow/blue clay with flint pieces and charcoal flecks.		

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
· 39	Topsoil	3901	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.25m deep).	Re-spread topsoil disturbed by road construction	-
	Natural	3902	Mixed orange/yellow sandy clay with inclusions of flint and gravel pieces.	-	-
40	Topsoil	4001	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.4m deep).	Re-spread topsoil disturbed by road construction	-
	Natural	4002	Mixed orange/yellow sandy clay with inclusions of flint and gravel pieces.	-	-
41	Topsoil	4101	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.2-0.3m deep).	Re-spread topsoil disturbed by road construction	-
	Subsoil	4102	Orange brown silty sand with inclusions of flint pieces and small stones (0.1-0.2m deep).	Disturbed by earlier stripping of topsoil	-
	Natural	4103	Mixed orange/yellow sandy clay with inclusions of flint and gravel pieces.	-	-
42	Topsoil	4201	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.25-0.35m deep).	Re-spread topsoil disturbed by road construction	-
	Subsoil	4202	Orange brown silty sand with inclusions of flint pieces and small stones (0.05-0.15m deep).	Disturbed by earlier stripping of topsoil	-
	Natural	4203	Mixed orange/yellow sandy clay with inclusions of flint and gravel pieces.	-	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
43	Topsoil	4301	Dark brown sandy clay loam, with inclusions of flint, small stones and topped by rough turf (0.0.35-0.4m deep).	Re-spread topsoil disturbed by road construction	-
	Subsoil	4302	Orange brown silty sand with inclusions of flint pieces and small stones (0.2-0.25m deep).	Disturbed by earlier stripping of topsoil	-
	Natural	4303	Dark orange brown sandy clay with inclusions of coarse gritty sand.	-	-
	Pit/butt end	[4304]	Cut of sub-circular feature into natural with sloping sides and a rounded shallow base (0.7m x 0.6m x 0.2m deep).	-	-
		4305	Filled by orange brown silty sand with flint pieces.		
44	Topsoil	4401	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.3m deep).	-	-
	Subsoil	4402	Orange brown silty sand with inclusions of flint pieces and small stones (0.3-0.5m deep).	-	Pottery
	Natural	4403	Dark orange brown sandy clay with inclusions of coarse gritty sand.	· -	-
45	Topsoil	4501	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.3m deep).	-	-
	Subsoil	4502	Orange brown silty sand with inclusions of flint pieces and small stones (0.2-0.3m deep).	- '	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
,	Natural	4503	Mixed orange sandy clay and clay patches.	<u>-</u>	-
	Ditch	[4504] 4505	Linear ditch cut into natural with shallowly sloping sides and a rounded base, extending in an E-W alignment (1.3m wide x 0.25m deep). Filled by mid brown sandy clay with occasional stone and flint inclusions.	Cut by ditch [4506] Previously identified by geophysical survey	Pottery Tile Fired clay
	Enclosure ditch	[4506] 4507	Linear ditch cut into natural with sloping sides and a rounded base, extending E-W 1.9m wide x 0.7m deep). Filled by dark brown sandy clay with occasional small stone inclusions and frequent charcoal flecking.	Cuts ditches [4504] [4508] Previously identified by geophysical survey Environmental sample 2	Pottery Animal bone Fe Ob (SF 4)
	Ditch	[4508] 4509	Linear ditch cut into natural with steep sides and a flat base, extending E-W (0.75m wide x 0.35m deep). Filled by mid orange/brown sandy clay with occasional stone and flint inclusions.	Cut by [4506] Previously identified by geophysical survey	
	Ditch	[4510] 4511	Cut of linear into natural with steeply sloping sides and a rounded base, extending in an E-W alignment (0.6m wide x 0.2m deep). Filled by light brown/orange mottled sandy clay with occasional charcoal flecking.	-	Pottery

Trench No.	Feature Type	Context	Description	NOTES	Artefact types	
45	Ditch	[4512]	Linear ditch cut into natural with sloping sides and a rounded base, extending E-W (0.6m wide x 0.2m deep).	Cuts gully [4516]	Pottery Animal bone	
		4513	Filled by mid brown/orange sandy clay with occasional charcoal flecking.		Tile	
	Enclosure ditch	[4514]	Linear ditch cut into natural with steeply sloping sides and a U- shaped profile, extending E-W (1.15m wide x 0.55m deep).	Cuts gully [4516] Previously identified by		
	·	4515	Filled by dark brown mottled sandy clay with occasional stone inclusions and charcoal flecking.	geophysical survey		
	Guliy	Gully	[4516]	Linear gully cut into natural with shallow, sloping sides and a rounded base getting shallower to the N, extending in an N-S alignment (0.45m wide x 0.15m deep).	, , ,	Pottery
		4517	Filled by mottled mid brown/orange/grey sandy clay with small stone inclusions.			
	Field drain	[4518]	Cut of shallow U-shaped linear feature into natural, extending E-W (0.4m wide x 0.16m deep).	Modern field drain	-	
		4519	Dark brown/grey sandy clay with occasional small stone inclusions.			
46	Topsoil	4601	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.3m deep).	Stripped and re-spread during road construction	-	
	Subsoil	4602	Orange brown silty sand with inclusions of flint pieces and small stones (0.01-0.05m deep).	Stripped to this layer during road construction – mostly removed	-	

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Natural	4603	Mixed orange sandy clay and blue grey clay patches.	-	-
	Ditch	[4604]	Linear ditch cut into natural with steeply sloping sides and a U-shaped profile, extending E-W (0.85m wide x 0.3m deep).	•	-
		4605	Filled by brown/ orange sandy clay with inclusions of small stones and flint pieces.		
	Pit	[4606]	Cut of sub-circular feature into natural with shallowly sloping sides and a flat base (0.7m x 0.7m x 0.1m deep).	-	-
		4607	Filled by brown/grey sandy clay with inclusions of small flint and stone pieces.		
47	Topsoil	4701	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.25-0.35m deep).	-	Fired clay
	Subsoil	4702	Orange brown silty sand with inclusions of flint pieces and small stones (0.15-0.35m dccp).	-	-
	Natural	4703	Mixed orange sandy clay and blue grey clay patches.	-	•
	Ditch	[4704]	Linear ditch cut into natural with steep/uneven sides and a flat base, extending N-S (1.45m wide x 0.82m deep).	1	Pottery
		4705	Filled by blue brown sandy clay with inclusions of flint pieces and pottery.	Previously identified on geophysical survey	Animal bone

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Ditch	[4706]	Linear ditch cut into natural with steeply sloping sides and a rounded base, extending N-S (1.7m at least wide x 0.8m deep).	Cut by ditch [4708]	Pottery
			1	Cuts ditch [4704]	
		4707	Filled by orange brown clay sand with flint pieces.	Previously identified on geophysical survey	
	Ditch	[4708]	Linear ditch cut cutting natural with steep sides and a flat base,	Cuts ditch [4706]	Pottery
			extending N-S (1.1m wide by 0.5m deep).	Previously identified on	
		4709	Filled by orange brown sandy clay with flint pieces.	geophysical survey	
	Ditch	[4710]	Linear ditch cut into natural with shallow, sloping sides and a rounded base, extending NW-SE (1.1m wide x 0.35m deep).	Cut by ditch [4712]	Pottery
		4711	Filled by orange brown sandy clay with gravel pieces.		
	Ditch	[4712]	Linear ditch cut into natural with shallow, sloping sides and a rounded base, extending NW-SE (1.1m wide x 0.25m deep).	Cuts ditch [4710]	Pottery
		4713	Filled by orange brown sandy clay with inclusions of flint pieces.		
	Ditch	[4714]	Linear ditch cut into natural with steep sides and a flat base, extending N-S (0.7m wide x 0.28m deep).	-	-
		4715.	Filled by brown /orange sandy clay with flint pieces.		
48	Topsoil	4801	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.15-0.3m deep).	-	-
	Subsoil	4802	Orange brown silty sand with inclusions of flint pieces and small stones (0.2-0.4m deep).	-	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Natural	4803	Mixed orange sandy clay with gravel and flint inclusions.	<u>-</u>	-
	Enclosure ditch	[4804] 4805	Linear ditch cut into natural with steep sides and a rounded base, extending E-W (0.53m wide x 0.3m deep). Filled by dark brown mottled sandy clay with inclusions of flint and charcoal flecks.	Cuts posthole [4815] Previously identified on geophysical survey	Pottery
	Ditch	[4806] 4807	Linear ditch cut into natural with steeply sloping sides and a rounded base, extending E-W (1.25m wide x 0.58m deep). Filled by dark brown/grey sandy clay with frequent small stone inclusions and charcoal flecking.	Previously identified on geophysical survey	Pottery
	Ditch	[4808] 4809	Linear ditch cut into natural with steeply sloping sides and a rounded base, extending E-W (3m wide x 0.98m deep). Filled by dark grey/brown sandy clay with inclusions of flint pieces and large boulders.	Cuts gully [4813] Previously identified on geophysical survey Environmental sample 1	Pottery Animal bone Tile
	Tree feature	[4810] 4811	Cut of irregular, elongated feature into natural with irregular sides and base (3m x 0.7m x 0.1m deep). Filled by brown/grey sandy clay with small stones and charcoal flecks.	-	Pottery Fired clay
	Gully	[4812] 4813	Linear gully cut into natural with steeply sloping sides and a rounded base, extending E-W (at least 0.3m wide by 0.28m deep). Filled by brown/grey sandy clay with inclusions of small stones.	Cut by ditch [4808] Previously identified on geophysical survey	-

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Posthole	[4814]	Cut of sub-circular feature into natural with shallow sloping sides and a flat base (0.3m x 0.3m x 0.1m deep).	Cut by ditch [4804]	-
		4815	Filled by brown/orange sand with inclusions of occasional small stones.		
49	Topsoil	4901	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.2m deep).	-	-
	Subsoil	4902	Orange brown silty sand with inclusions of flint pieces and small stones (0.25-0.3m deep).	-	-
	Natural	4903	Mixed orange sandy clay with gravel and flint inclusions.	-	-
	Ditch	[4904]	Linear ditch cut into natural with steeply sloping sides and a flat base, extending NE-SW (1.4m at least wide x 0.6m deep). Filled by brown/orange silty clay with flint pieces.	Previously identified on geophysical survey	Pottery Tile
		4905	Timed by blowing sarry day with time pieces.		Struck flint flake
	Ditch	[4906]	Linear ditch cut into natural with steeply sloping sides and a rounded base, extending N-S (1.5m at least wide x 0.8m deep).	Previously identified on	Tile
		4907	Filled by orange/brown silty sand with inclusions of small stone and flint pieces.		
	Ditch	[4908]	Linear ditch cut into natural with steeply sloping sides and a rounded base, extending N-S (1.3m wide x 0.75m deep).	Cuts ditches [4906] [4910]	Fired clay
		4909	Filled by brown/black/orange silty clay with inclusions of small flint pieces and small stones.	Previously identified on geophysical survey	Fe objects (SF 1,3,7)
					Pottery

Trench No.	Feature Type	Context	Description	NOTES	Artefact types
	Ditch	[4910]	Linear ditch cut into natural with steeply sloping sides and a rounded base, extending N-S (1.7m at least wide x 0.9m deep).	Cut by ditch [4908] Previously identified on geophysical survey	
		4911	Filled by brown/orange silty sand with inclusions of flint pieces.		
	Ditch	[4912]	Linear ditch cut into natural with steeply sloping sides and a flat base, extending N-S (2.5m wide x 0.8m deep).	Previously identified on geophysical survey	Pottery
		4913	Filled by orange/brown sandy clay with flint pieces.		
	Posthole	[4914]	Cut of sub-circular feature into natural with steeply sloping sides and a rounded base (0.7m x 0.7m x 0.5m deep).	Cut by ditch [4910]	Roman Pottery
		4915	Filled by brown/orange silty sand with inclusions of flint pieces and small stones.		
50	Topsoil	5001	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.3m deep).	-	-
	Subsoil	5002	Orange brown silty sand with inclusions of flint pieces and small stones (0.3-0.35m deep).	-	-
	Natural	5003	Mixed orange sandy clay with gravel and flint inclusions.	-	-
51	Topsoil	5101	Dark brown sandy clay loam, with inclusions of flint, small stones, and topped by rough turf (0.3-0.4m deep).	-	-
	Subsoil	5102	Orange brown silty sand with inclusions of flint pieces and small stones (0.1-0.3m deep).	-	-
	Natural	5103	Mixed orange sandy clay with gravel and flint inclusions.	-	_

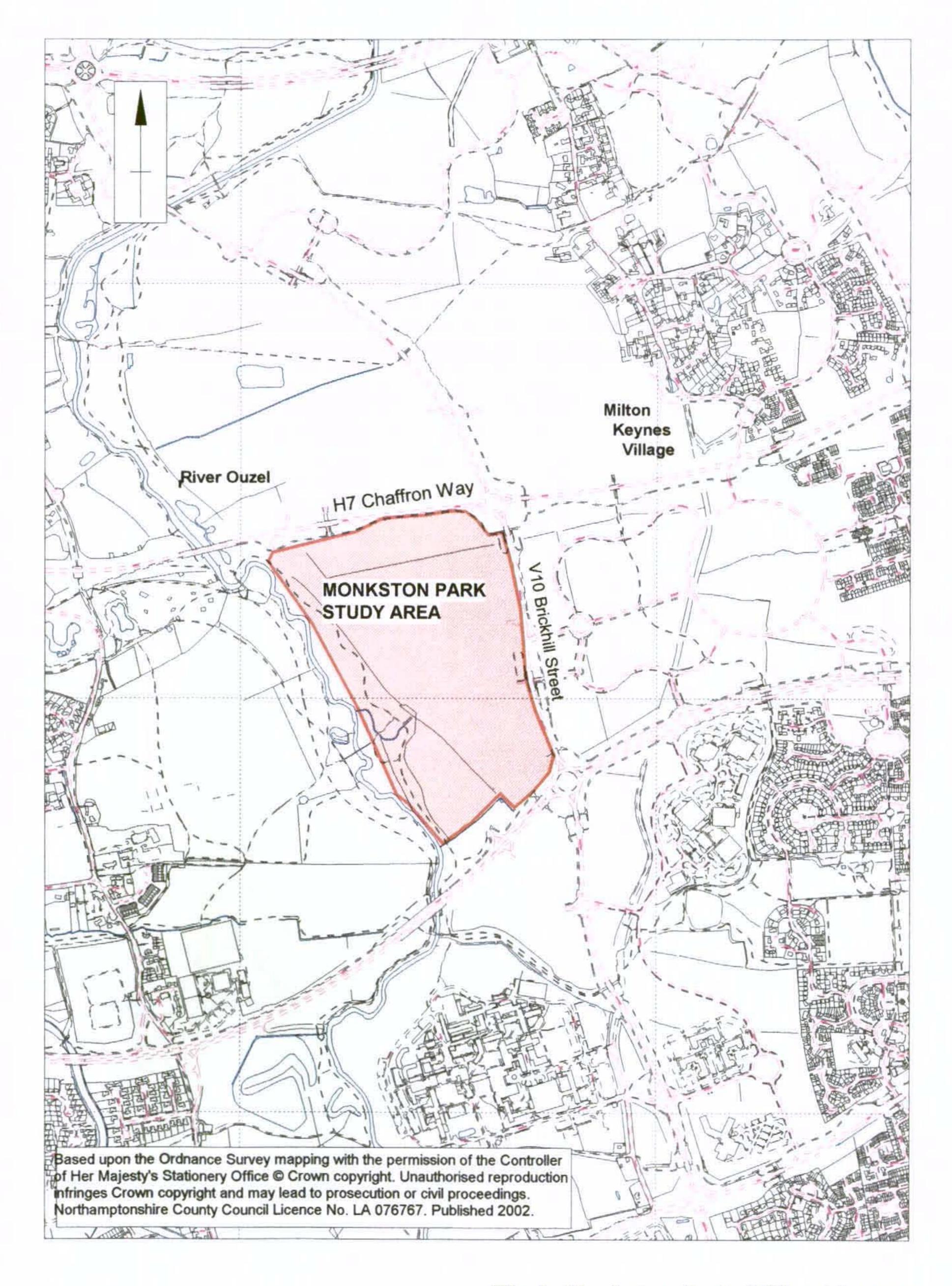
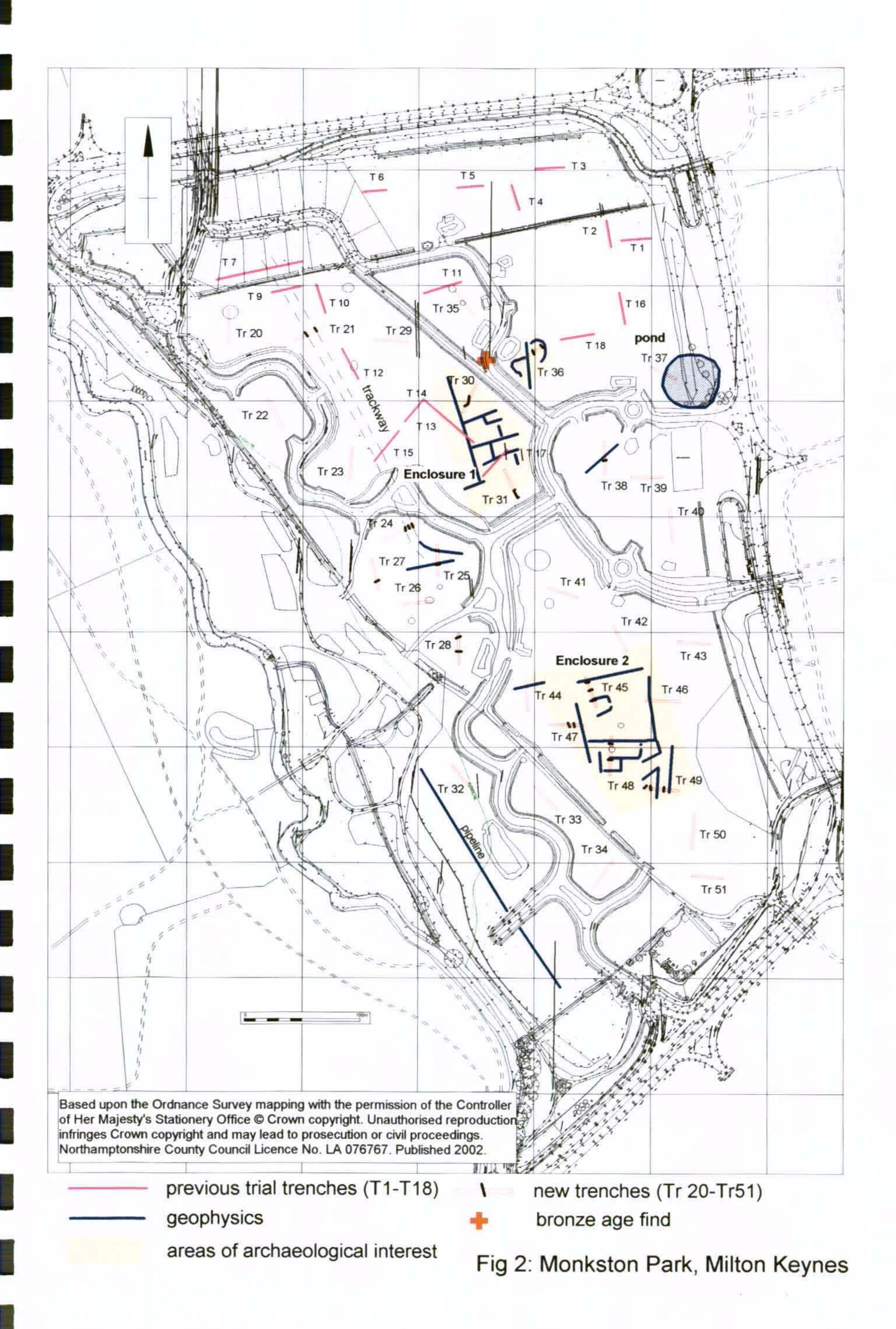
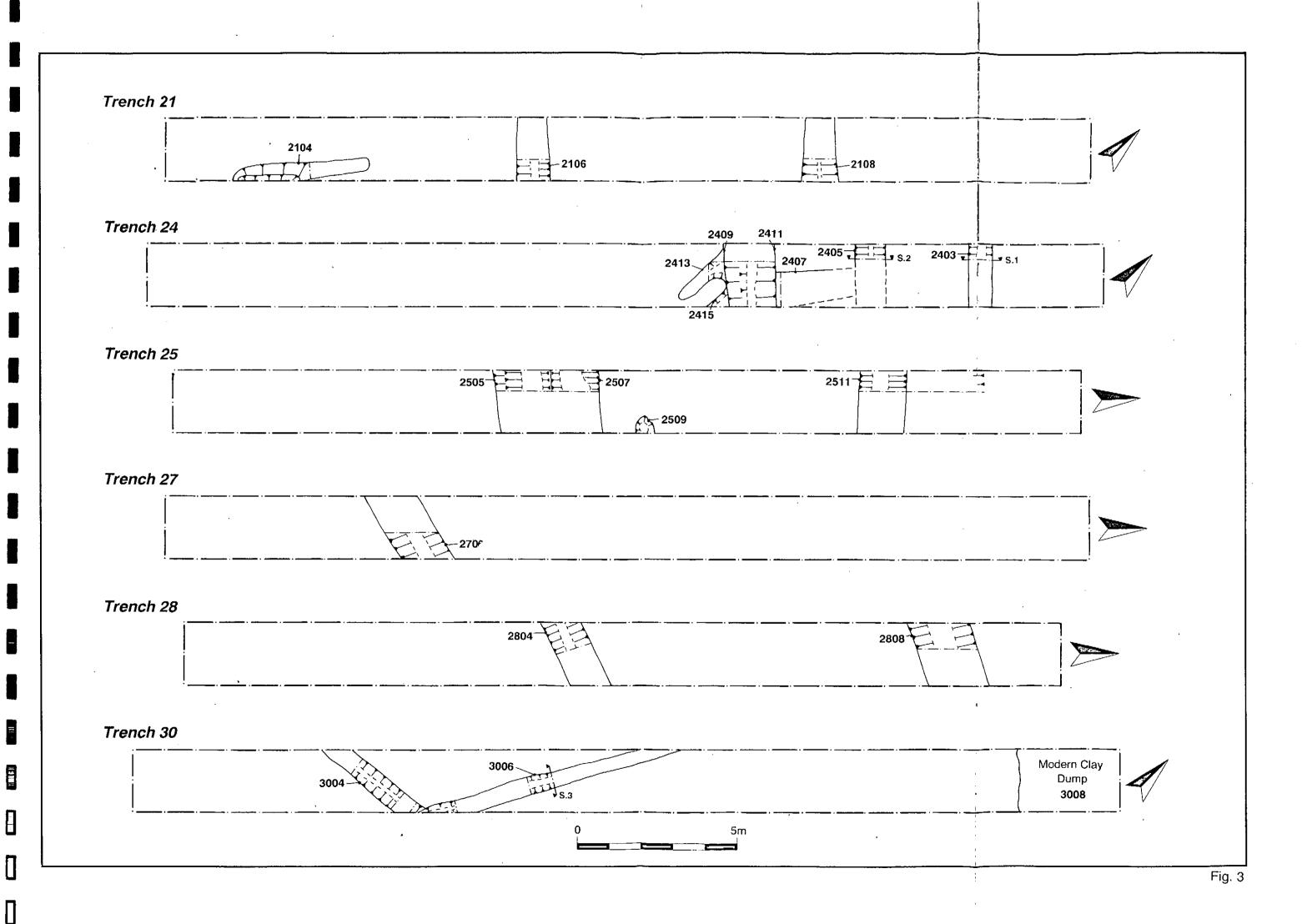
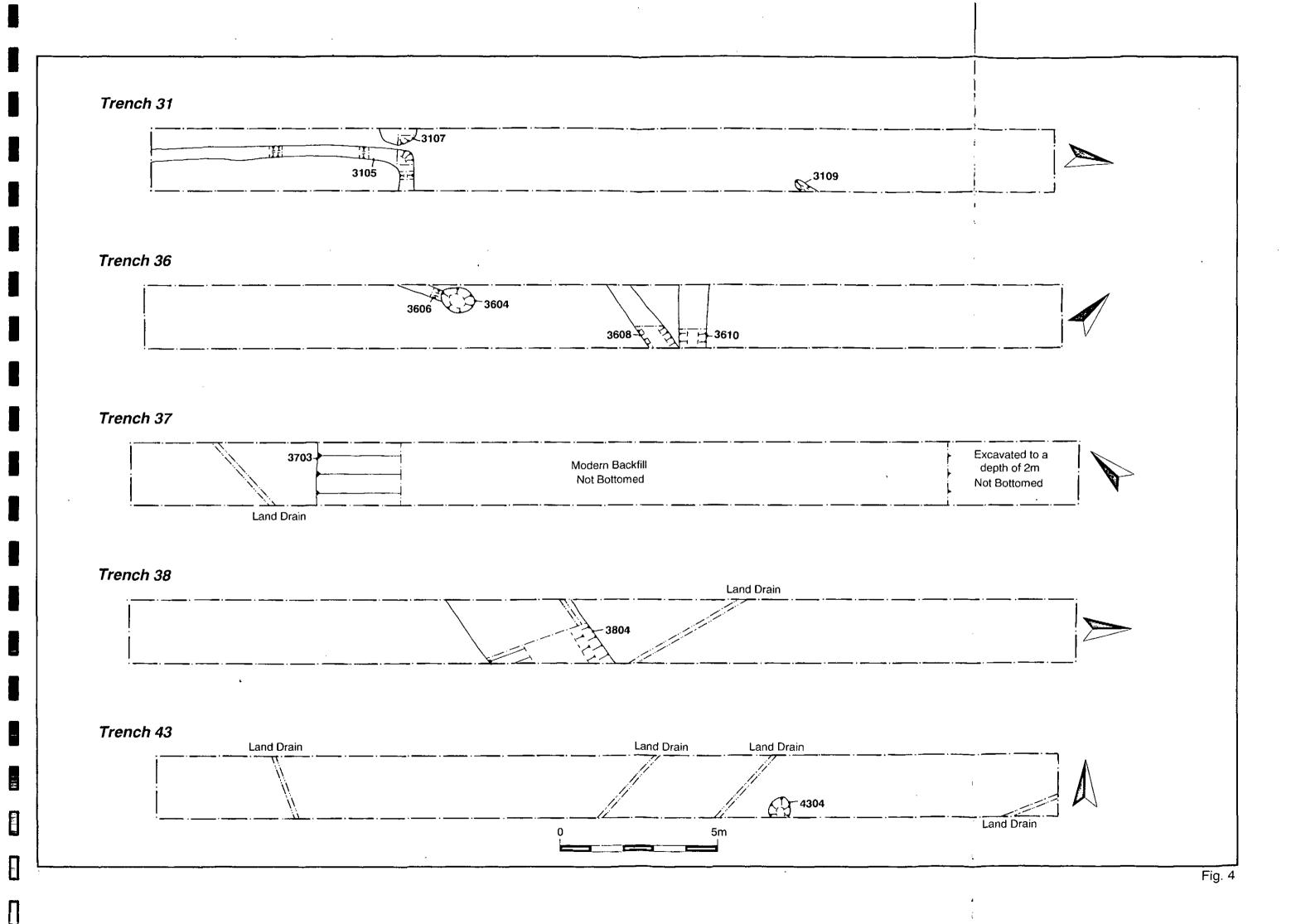
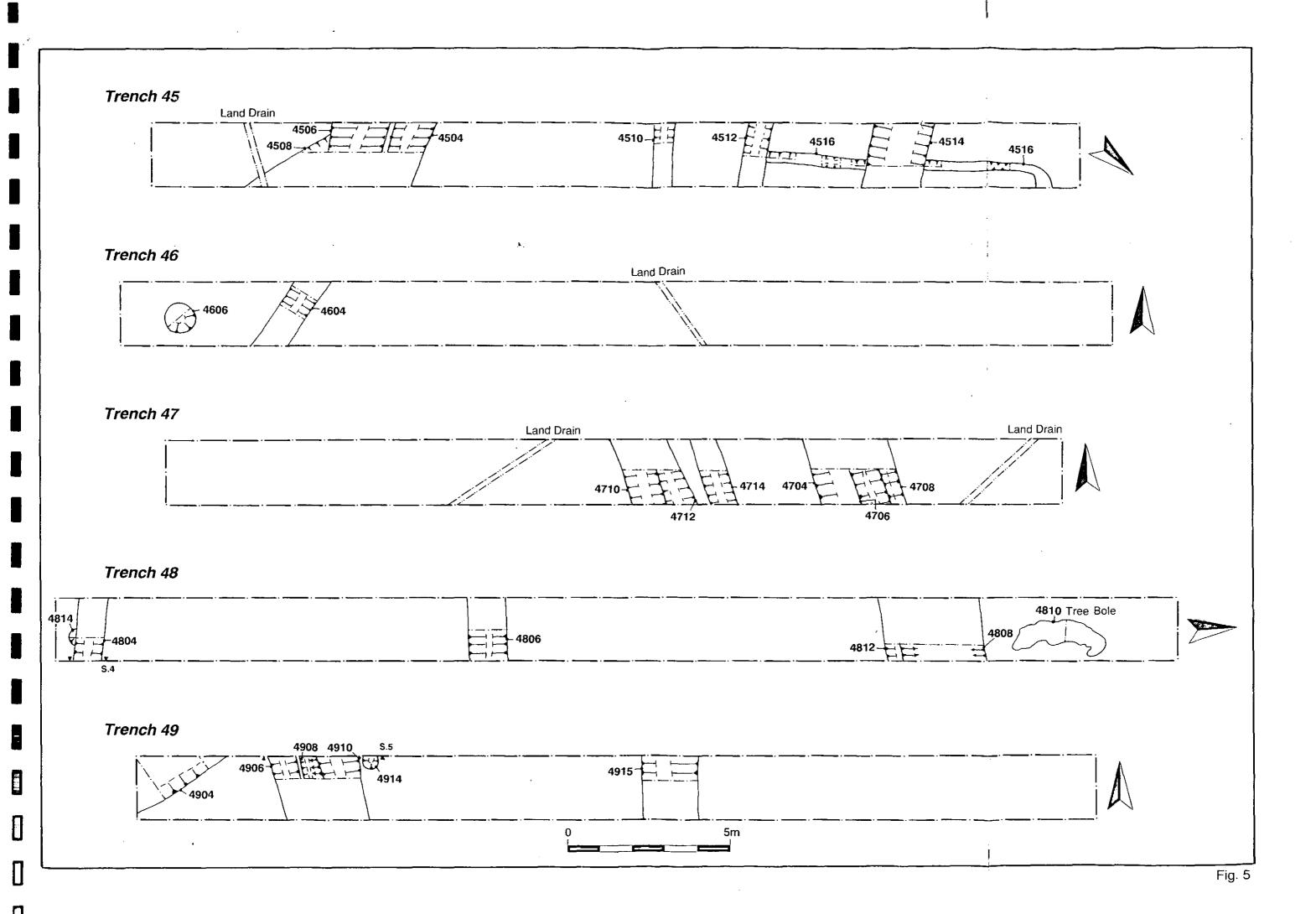


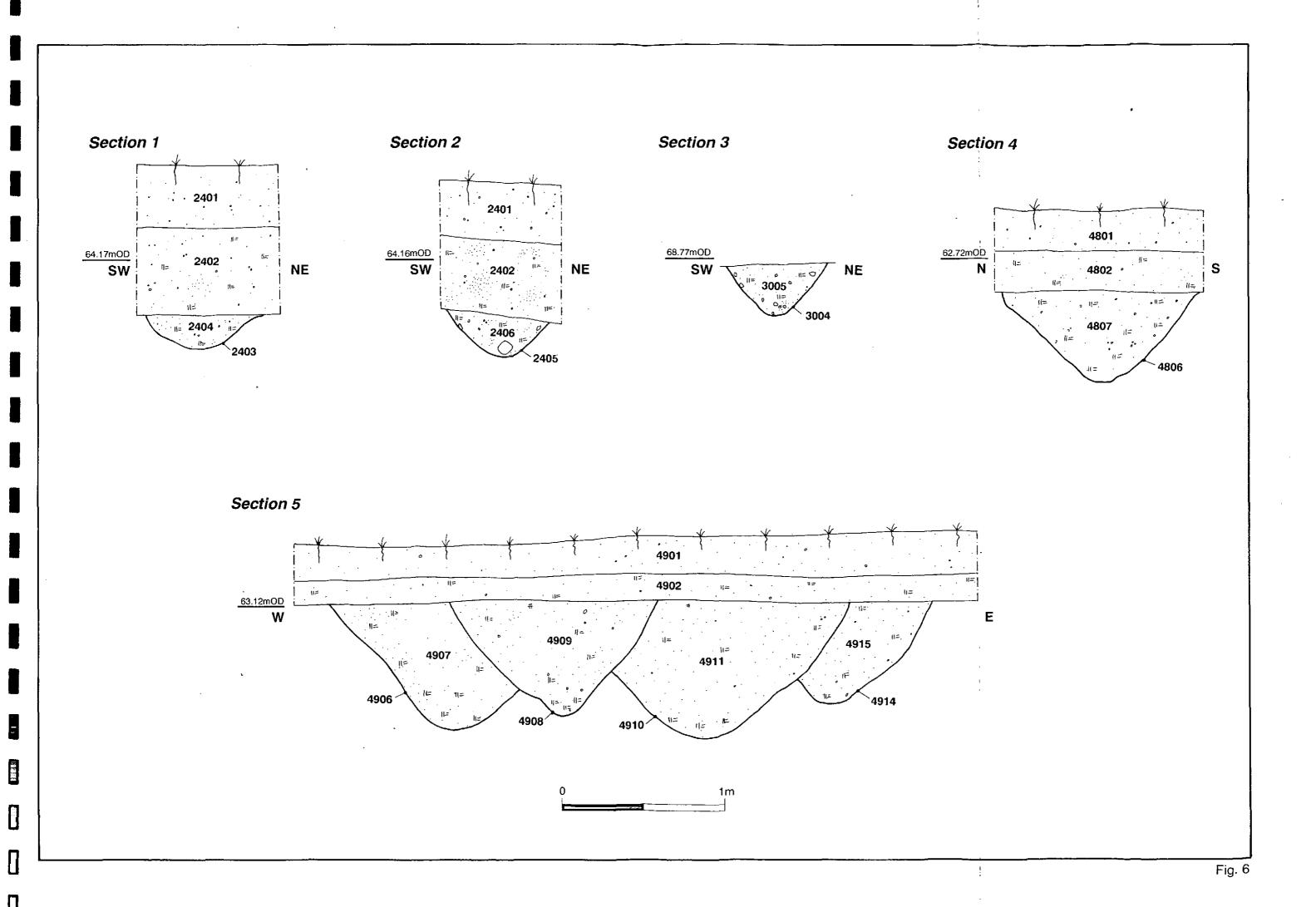
Fig 1: Monkston Park, Milton Keynes













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