# ARCHAEOLOGICAL EVALUATION OF LAND AT CALVERT IN CHARNDON <br> AND GREATMOOR IN GRENDON UNDERWOOD, BUCKINGHAMSHIRE 

(CLGM 11)

Work Undertaken For Waste Recycling Group Limited

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## 1. SUMMARY

An archaeological evaluation was undertaken on land adjacent to the Calvert Landfill site, Charndon and an additional area in the neighbouring parish of Grendon Underwood, Buckinghamshire. This was in order to determine the archaeological implications of proposed development at the site.

The site lies in an area of few known archaeological remains, although Iron Age ( 800 BC-AD 43) and Romano-British (AD 43-410) settlement have previously been identified to the south of the site. During the medieval period (AD 10661540) the investigation area was located on the edges of the parishes of Charndon and Grendon Underwood, within the Forest of Bernwood.

The evaluation identified a sequence of natural, undated, post-medieval and recent deposits. Undated deposits include a number of ditches that correspond well with field boundaries depicted on $19^{\text {th }}$ century maps of the area. A trackway was also identified which is shown on a map of 1844. Several trenches revealed evidence for occupation dating to the $15^{\text {th }}-17^{\text {th }}$ century in an area north of Lower Greatmoor Farm which has potential to aid understanding of the development of settlement in this landscape from the later medieval period.

Trenches in Area B identified a series of undated shallow ditches not shown on historic mapping and which do not appear to reflect the historic field pattern. A curvilinear feature identified in Trench 106 was suspected of forming part of a ring ditch but additional trenching proved this not to be a complete circuit.

Excavation adjacent to the A41 in Area C did not locate any features associated with
the Roman road or roadside activity of any date.

The largest category of finds retrieved from the evaluation comprises pottery of the post-medieval period. Roman pottery was also encountered, though is considered residual, as is a flint flake of prehistoric origin. A medieval tile fragment was retrieved along with later building materials. A small collection of animal bone was also recovered during the investigation.

## 2. INTRODUCTION

### 2.1 Definition of an Evaluation

An archaeological evaluation is defined as $\therefore$ a limited programme of non-intrusive and/or intrusive fieldwork which determines the presence or absence of archaeological features, structures, deposits, artefacts or ecofacts within a specified area or site. If such archaeological remains are present Field Evaluation defines their character and extent, quality and preservation, and it enables an assessment of their worth in a local, regional, national or international context as appropriate (IfA 2008).

### 2.2 Planning Background

Archaeological Project Services was commissioned by SLR Consulting Limited on behalf of Waste Recycling Group Limited to undertake a programme of predetermination archaeological investigation, in advance of proposed development on land at the at the existing Calvert Landfill Site, Buckinghamshire, as detailed in Planning Application 11/20000/AWD.

The evaluation was requested in order to enable the County Archaeological Service to advise the local planning authority of

## ARCHAEOLOGICAL EVALUATION OF LAND AT CALVERT IN CHARNDON AND GREATMOOR IN GRENDON

 UNDERWOOD, BUCKINGHAMSHIREthe effect the development might have on archaeological or historic resources at the site.

The evaluation was undertaken between the $15^{\text {th }}$ August and $1{ }^{\text {th }}$ October 2011 in accordance with a Written Scheme of Investigation prepared by SLR Consulting Limited and approved by Archaeological Planning and Conservation Officer, Buckinghamshire County Council.

### 2.3 Topography and Geology

Calvert is located in Charndon parish, 10 km south of Buckingham and 15 km northwest of Aylesbury in the Aylesbury Vale District of Buckinghamshire (Fig. 1). Greatmoor lies southeast of the Calvert waste facility within Grendon Underwood Parish at National Grid Reference SP 704 223 (Fig. 2).

The site is situated in a gently rolling landscape with land generally sloping down from east ( 78 m AOD) to west $(74 \mathrm{~m}$ AOD). The site comprises three separate areas, Areas A, B and C. Area A (12.45 hectares) comprises the Development area for the energy from waste plant (EfW) and the IBA facility and contractors laydown area. Area B ( 13.6 hectares) covers the extension to the existing landfill site (Pit 6). Area C , the proposed site of a roundabout off the A41, is located to the south of the above sites at National Grid Reference SP 707180 (Fig. 4).

Local soils are of the Denchworth Association, typically pelo-stagnogley soils (Hodge et al. 1984, 155). These are developed on mudstones of the Jurassic Oxford Clay Formation.

### 2.4 Archaeological Setting

There are no recorded heritage assets within the proposed development areas.

Dispersed prehistoric activity has been recorded within the area with Iron Age activity focussed around the A41, which lies adjacent to Area C.
The A41 follows the line of Akeman Street, a principal Roman road connecting St Albans to the town of Alchester, just south of Bicester, some 12 km to the west of the site (Margary 1973, 157). Contemporary settlement has been identified through archaeological excavation at Grendon Underwood and at Quainton, $2-3 \mathrm{~km}$ from the site. Surface artefact scatters more widely in the landscape indicate the presence of a population at this time.

Both Charndon and Grendon are referred to in the Domesday Survey of $c .1086$ and were held by Ralph de Feugeres and Henry de Ferrers respectively. Grendon once contained extensive woodland for pannage and both places had meadows of c. 300 acres in size (Williams and Martin 2002, 414, 416). The investigation areas lie at some distance from these medieval village centres and may have lain within the open fields or within woodland, part of the royal forest of Bernwood, and thus maintained for hunting.

Prior to this evaluation, a geophysical survey was undertaken across the site. This identified a number of linear features that probably relate to former field boundaries with no significant archaeological features apparent (Malone 2011, 4).

## 3. AIMS

The aim of the evaluation was to gather information to establish the presence or absence, extent, condition, character, quality and date of any archaeological deposits in order to enable the potential impact of the proposed development on below-ground archaeological remains to be
properly assessed. The work will assist the Archaeological Planning and Conservation Officer, Buckinghamshire County Council, to formulate a policy for the management of archaeological resources present on the site.

## 4. METHODS

Sixty-two trenches, most measuring 50 m by 1.8 m were excavated to the surface of the underlying natural geology. A total of 41 trenches were excavated in Area A, 18 in Area B and 3 in Area C and were positioned to provide sample coverage as well as targeted over geophysical features and former field boundaries (Figs. 3 and 4).

Removal of topsoil and other overburden was undertaken by mechanical excavator using a toothless ditching bucket. The exposed surfaces of the trenches were then cleaned by hand and inspected for archaeological remains.

Each deposit exposed during the evaluation was allocated a unique reference number (context number) with an individual written description. A list of all contexts and their interpretations appears as Appendix 1. A photographic record was also compiled and sections and plans were drawn at a scale of $1: 10$ and 1:20 respectively. Recording of deposits encountered was undertaken according to standard Archaeological Project Services practice.

The location of the excavated trenches was surveyed in relation to fixed points on boundaries and on existing buildings.

Following excavation, finds were examined and a period date assigned where possible (Appendix 3). The records were also checked and a stratigraphic
matrix produced. Phasing was based on the nature of the deposits and recognisable relationships between them.

Monitoring of the evaluation was carried out periodically during each stage of the works, with site meetings held between representatives from APS, SLR and the Archaeological Planning and Conservation Officer for Buckinghamshire County Council. This allowed an appraisal of the methodology and forward actions to be decided at regular intervals.

## 5. RESULTS

The results of the archaeological evaluation are discussed by Area and then in trench order. Archaeological contexts are described below. The numbers in brackets are the context numbers assigned in the field.

## AREA A

A number of trenches contained no archaeological deposits and comprised natural overlain by the current topsoil that was between 0.2 m and 0.3 m thick. These are Trenches $1,2,3,4,8,14,15,16,17$, $18,19,25,28,29,30,31,34$ and 38.

The following trenches recorded a sequence of natural and topsoil with recent land drains: 22, 26, 27 and 32.

## Trench 5 (Fig. 5)

Natural within this trench was identified as a layer of orange brown with bluish grey mottled clay (502).

Cutting the natural was a northwestsoutheast aligned ditch (503) that measured 0.77 m wide and 0.22 m deep (Fig. 19, Section 4; Plate 5). It contained a fill of brown clayey silt (505).

Sealing the ditch was topsoil of brown clayey silt (501) that was 0.24 m thick.

## Trench 6 (Fig. 5)

A natural layer of greyish yellow clay (602) was the earliest deposit encountered in this trench. It was cut by a possible ditch (603) that terminated within the trench and was 1.3 m wide by 0.2 m deep (Fig. 19, Sections 5 and 6; Plate 6). Three fills were recorded, a lower of grey silty clay (604) followed by greyish yellow clay (605) and yellow clay (606).

Located 10 m to the southwest was an area of brown clayey silt (607) which may indicate the position of a former hedgerow (Plate 7).

Topsoil comprised greyish brown silty clay (601) that measured 0.25 m thick.

## Trench 7 (Fig. 6)

The earliest deposit in this trench was a layer of greyish orange silty clay (702). This was cut by a square pit (703) measuring 0.6 m by 0.6 m and 0.13 m deep (Fig. 19, Section 3; Plate 8). It contained a single fill of greyish brown silty clay (704).

Sealing the deposits within this trench was a topsoil of greyish brown clayey silt with frequent gravel (701).

## Trench 9 (Plate 9)

Orange brown silty clay with gravel (902) was identified as the natural layers in this trench. It was cut by a northwest-southeast aligned ditch (904) that was 2.5 m wide and not fully excavated. A recorded fill of brown silty clay (903) contained ceramic pipe fragments.

Topsoil consisted of greyish brown clayey silt with gravel (901).

## Trench 10

Natural constituted a layer of reddish brown clay (1002) into which a subcircular posthole (1004) had been inserted. This measured 0.18 m wide and 80 mm deep (Fig. 23, Section 27; Plate 10) and had been filled with greyish brown silty clay (1003). Topsoil, comprising greyish brown clay (1001), sealed the trench.

## Trench 11 (Fig. 6)

Natural deposits comprised greyish yellow clay (1102) and grey clay (1103).

Cutting the natural clays was a northwestsoutheast aligned ditch (1104) that was 0.2 m wide and was visible for a length of over 1.85 m (Plate 12). The ditch was not excavated and a fill of brown silty clay (1105) was recorded.

The ditch was sealed by a topsoil of greyish brown clayey silt (1101) measuring 0.2 m thick.

## Trench 12 (Fig. 7)

Natural comprised orange brown silty clay with frequent gravel (1202).

Cut into the natural was a circular posthole (1203) that had a diameter of 0.23 m and a depth of 80 mm (Fig. 19, Section 1; Plate 13). It contained a fill of grey silty clay with frequent charcoal flecks (1204) from which 3 abraded sherds of Roman pottery were retrieved. This was truncated by a second posthole (1205) that measured 0.35 m long, 0.25 m wide and 50 mm deep with a fill of grey silty clay (1206).

Topsoil consisting of greyish brown silty clay with frequent gravel (1201) sealed the trench.

## Trench 13 (Fig. 7)

Natural in this trench consisted of an orange brown silty clay with gravel (1302) that measured in excess of 0.37 m thick.

An irregular east-west aligned linear feature (1305) marks the continuation of a former boundary still extant to the east. This was over 0.7 m wide and was 0.12 m deep (Fig. 19, Section 2; Plate 14) and contained a fill of greyish brown silty clay (1306) in which electric cable was visible.

This was in turn cut by a northeastsouthwest field drain (1303) that was 0.61 m wide and contained a ceramic drain and backfilled with brown clayey silt and gravel (1304).

Topsoil within this trench comprised a 0.22 m thick layer of greyish brown clayey silt with gravel (1301).

## Trench 20 (Fig. 8)

The earliest deposit in this trench was a layer of orange brown and bluish grey silty clay (2002) that measured in excess of 0.1 m thick.

Cut into the natural towards the north of the trench was a northeast-southwest aligned ditch (2003). This was 0.75 m wide by 0.4 m deep (Fig. 19, Section 7; Plate 16) and contained fills of brown wood fragments in clayey silt (2004) and greenish brown with bluish grey mottles silty clay (2007).

Located a further 5 m to the north of this ditch was an irregular cut (2006) which contained sandstone boulders and quartz pebbles (2005). Identified as a former trackway, it measured \#\#\# by \#\#\#m (Plate 17).

Sealing the ditch and trackway was topsoil comprising a 0.26 m thick layer of brown clayey silt (2001).

## Trench 21 (Fig. 9)

An orange brown, mottled with bluish grey, clay (2102) measuring over 90 mm thick was recorded in this trench.

An east-west ditch (2103) was identified that measured 1.62 m wide and 0.25 m deep (Fig. 21, Section 18). This contained a fill of brown clayey silt (2104).

Towards the southern end of the trench (Plate 21) were intermittent areas of heat affected natural (2105) adjacent to which was a deposit of burnt clay fragments with charcoal (2106). Pottery of $19^{\text {th }}-20^{\text {th }}$ century date was recovered from (2106).

Sealing all deposits in this trench was topsoil comprising brown clayey silt (2101) that measured 0.24 m thick.

## Trench 23 (Fig. 10)

Natural deposits consisted of orange brown with bluish grey mottled clay (2302). This measured in excess of 0.2 m thick.

Situated at the western end of the trench was a large feature (2308) indicating an area subject to great heat (Fig. 23, Section 26; Plate 19). It was filled with brown silty clay (2304), grey ash (2305), orange brown burnt clay (2306) and brown/black clay (2307). The surrounding natural had also been affected by the heat creating an area of greenish and yellowish brown silty clay (2303).

Topsoil of brown clayey silt with sandstone pebbles (2301) sealed the trench to a thickness of 0.24 m .

## Trench 24 (Fig. 10)

Natural deposits in this trench were mixed and varied between brownish yellow, yellowish grey and brownish orange clay (2402) to grey, brownish yellow, yellowish grey and brownish orange clay (2403). Located 10 m from the northwest end of the trench was an irregular feature (2406) that was probably natural in origin. This measured over 1 m long, was 0.31 m wide and 75 mm deep containing a fill of grey
clay with sandstone pebbles (2405).
A linear band of grey humic clay (2404) was identified as the line of a former hedgerow.

Sealing all the deposits was topsoil consisting of brown clay (2401) that was 0.23 m thick.

## Trench 33

Natural consisted of mottled light grey clay (3302) which measured over 90 mm thick.

Cut into the natural was a northwestsoutheast ditch (3304) that was 0.5 m wide and was not excavated. It contained a fill of grey clay with woody fragments (3303).

In addition to the ditch were two linear bands of gravel ( 3305 and 3306) indicating the position of field drains.

Topsoil covered the trench and was composed of brown clay (3301) that was 0.22 m thick.

Trench 35 (Fig. 11; Plate 20)
Natural deposits throughout this trench consisted of greyish brown clay (3502).

Situated towards the southwest end of this trench was a north-south aligned ditch (3503) that was 0.9 m wide by 0.2 m deep (Fig. 20, Sections 12 and 13; Plate 21). A single fill of greyish brown clay with fired clay (3504) was recorded from which $15^{\text {th }}$ $-16^{\text {th }}$ century pottery was retrieved.

Situated to the northeast of this ditch was gully (3505) that was aligned east-west and measured over 2 m long, was 0.3 m wide by 70 mm deep (Fig. 21, Section 14; Plate 22). It appeared to continue into a wider ditch (3507) that was aligned northeast-southeast. This ditch was over 3 m long, was wider than 0.6 m and 90 mm
deep. Both were filled with greyish brown clayey silt ( 3506 and 3508), the latter containing $16^{\text {th }}-17^{\text {th }}$ century pottery and a 17th century clay pipe stem.

Adjacent to the gully and ditch were a cluster of postholes (Plate 23) of which one was excavated. The excavated example (3509) had a diameter of 0.24 m and was 90 mm deep (Fig. 21, Section 17) and filled with brownish grey clayey silt (3510).

The remaining postholes ( 3511,3513 and 3515) had diameters of between 0.2 m and 0.24 m and all contained fills of brownish grey clayey silt (3512, 3514 and 3516).

Located 6.3 m to the northeast was a northwest-southeast aligned ditch (3517). This measured 0.8 m wide and contained a fill of greyish brown clayey silt (3518) which was not excavated but from which $16^{\text {th }}-17^{\text {th }}$ century pottery was collected.

Ditch (3519) lay a further 2.1 m to the northeast. This was also aligned northwestsoutheast and was 0.5 m wide by 90 mm deep (Fig. 23, Section 22; Plate 24). A single fill of greyish brown clayey silt (3520) was recorded from which pottery of $15^{\text {th }}-17^{\text {th }}$ century date was retrieved. Adjacent to this ditch was an area of trampled natural (3521) comprising greyish brown silt that produced $17^{\text {th }}-18^{\text {th }}$ century date pottery.

Sealing all features within this trench was the topsoil, a greyish brown clayey silt (3501) that measured 0.26 m thick and contained medieval roof tile and clay pipe.

In addition, two land drains were noted but not recorded in any detail.

## Trench 36 (Fig. 12)

Yellowish brown silty clay (3601) was identified as the natural within this trench.

Situated towards the northwest of the trench was a curvilinear ditch (3605) that was over 6.2 m long, was 1.4 m wide and 0.47 m deep (Fig. 20, Section 9; Plate 25). Greyish brown silty clay (3604) filled the ditch. This had in turn been cut by a northwest-southeast aligned service trench (3603) that also contained greyish brown silty clay (3602) as well as a water pipe.

Situated 19 m to the southeast was a pit (3607) that measured 2.36 m long, was wider than 0.8 m by 0.5 m deep (Fig. 20, Section 10; Plate 26). It contained a single fill of greyish brown silty clay with frequent charcoal flecks and shell fragments (3606) as well as $15^{\text {th }}-16^{\text {th }}$ century pottery, fired clay and an iron strip.

To the southeast of the pit was ditch (3609). Initially aligned north-south, it turned to the west at its northern end and was over 5.5 m long by 0.7 m wide and 0.29 m deep (Fig. 20, Section 11; Plate 27). It was filled with greyish brown silty clay (3608) that contained a single sherd of $15^{\text {th }}$ century pottery.

Sealing all features was a topsoil of brown silty clay (3600) which measured 0.35 m thick.

## Trench 37 (Fig. 13)

Natural was recorded as a layer of brownish yellow clay (3702). Cut into this towards the centre of the trench was a linear feature (3703) broadly aligned north-south. It was 2 m wide and 0.77 m deep with irregular sides (Fig. 21, Section 20; Plate 28). Four fills were recorded, greyish brown organic clay (3706), grey clay (3707) and bluish grey clay with organic material (3708 and 3709).

Lying immediately to the north was gully (3704) that was over 1.2 m long by 0.4 m wide and 0.2 m deep (Fig. 23, Section 21;

Plate 29). This contained a single fill of greyish brown clay with organic material (3710). Sealing both this gully and the feature (3703) was a levelling deposit mixed greyish brown and brownish yellow humic clay (3705) that was 0.2 m thick.

Overlying the levelling deposit was the current topsoil of brown clay (3701) that measured 0.25 m thick.

## Trench 39 (Fig. 13)

Mottled orange brown clay (3902) was identified as the natural within this trench. It had been cut by a northwest-southeast aligned feature (3903) possibly a ditch. Though unexcavated, a fill of brown clayey silt (3904) was recorded.

Topsoil of brown clayey silt (3901) measuring 0.2 m thick, sealed the possible ditch.

## Trench 40 (Fig. 14)

Natural was recorded as an orange brown mottled with bluish grey, clay (4002) that measured in excess of 0.2 m thick.

Cut into the natural was a northwestsoutheast aligned ditch (4003) that was 0.68 m wide and 0.2 m deep. Brown clayey silt (4004) constituted the fill of this feature. The ditch was sealed beneath the current topsoil of brown clayey silt (4001).

## Trench 41 (Fig. 14)

The earliest deposit in this trench was a layer of yellowish brown silty clay (4101). A large feature, identified as a pond (4107), cut the natural and was 12 m wide and 1.49 m deep (Fig. 22, Section 16; Plate 30). A sequence of fills were recorded beginning with brownish grey silty clay (4106) followed by grey to black clayey peat (4105), then brownish grey peat and clay (4104), brownish grey to greenish grey clay (4103) and sealed by greyish brown silty humic clay (4102).

Topsoil across the trench was a 0.3 m thick layer of brown silty clay (4100).

## AREA B

The following trenches revealed only natural and topsoil deposits; Trenches 103, $104,108,109,110,111,112,115$ and 116. In addition to the natural and topsoil (which was generally between 0.16 m and 0.3 m thick) layers, Trench 117 also contained a layer of subsoil.

Trench 101 (Fig. 15; Plate 32)
Natural deposits comprised greyish brown clay (10102). Cut into the natural was an east-west aligned ditch (10103) that measured 0.4 m wide by 0.15 m deep (Fig. 24, Section 32; Plate 33). A single fill of grey silty clay (10104) was identified.

Sealing the ditch was the current topsoil comprising a 0.25 m thick layer of brown silty clay (10101).

Trench 102 (Fig. 15)
Orange brown silty clay (10201) was identified as natural within this trench. Cut into this was a northeast-southwest aligned ditch (10203) that was 0.92 m wide and 0.36 m deep (Fig. 24, Section 34). It was filled with orange brown silty clay (10202).

Topsoil was recorded as a layer of greyish brown silty clay (10200) that measured 0.2 m thick.

## Trench 105 (Fig. 16)

A natural layer of brown clay (10502) was recorded as being cut by a single east-west aligned ditch (10503). This ditch was 0.6 m wide and 0.17 m deep (Fig. 23, Section 30; Plate 34) and contained a fill of grey silty clay (10504).

The current topsoil was a layer of brown silty clay (10501) that measured 0.25 m
thick.

Trench 106 (Fig. 16)
Brown mottled with light grey clay (10602) was recorded as the underlying natural within this trench.

Cutting the natural clay was a curvilinear ditch (10603) that measured over 8 m long, by 0.55 m wide and 0.1 m deep (Fig. 23, Section 28; Plate 35) and, if a ring ditch, would have had a diameter of $c .16 \mathrm{~m}$. A single fill of brownish grey silty clay (10604) was identified.

Topsoil sealed the ditch and consisted of brown silty clay (10601) that measured 0.3 m thick.

Trench 107 (Fig. 17)
Natural within this trench comprised greyish brown clay (10702).

Cut into the natural were three ditches (Plate 36) that all converged in the centre of the trench. The more southerly of these ditches (10703) was aligned northeastsouthwest and measured 0.4 m wide by 0.15 m deep. This was filled with grey clay (10704).

North of this was ditch (10705) that was 0.5 m wide and 0.17 m deep and was also filled with grey clay (10706). Both ditches converged with the east-west ditch (10707) that was 1.05 m wide and 0.2 m deep. Grey clay (10708) was also recorded within this ditch.

Sealing the ditches was the current topsoil of brown silty clay (10701) that measured 0.25 m thick.

Trench 113 (Fig. 17)
Within this trench, natural was identified as a layer of greyish brown clay (11302). This had been cut by a northwest-southeast aligned ditch (11303) that was over 2.5 m
long, was 1.5 m wide by 0.3 m deep (Fig. 24, Section 38; Plate 38). A single fill of brown clay (11304) was recorded from which a prehistoric flint and pottery dating to the $18^{\text {th }}-19^{\text {th }}$ century were retrieved.

Topsoil consisted of brown silty clay (11301) that was 0.25 m thick.

Trench 114 (Fig. 18)
A layer of orange clay (11401) was identified as the natural within this trench. A tree throw (11410) was recorded within the trench that measured 1.1 m wide and 0.25 m deep (Fig. 25, Section 43) and was filled with orange mottled clay with frequent charcoal (11411). Topsoil within the trench consisted of orange brown silty clay (11400) that was 0.25 m thick.

## Trench 118 (Fig. 18)

Natural deposits were identified as yellowish brown and light grey clay (11803). This had been cut by a northeastsouthwest aligned ditch (11804) that was over 5 m long, was 0.85 m wide by 0.18 m deep (Fig. 25, Section 41; Plate 39). Two fills were recorded, a lower of light grey clay (11806) and an upper of dark grey clay (11805) which extended beyond the cut of the ditch westwards as (11807). Glass and pottery of $19^{\text {th }}$ century date was recovered from (11805).

Sealing the ditch was subsoil comprising greyish brown clay (11802) that measured 0.11 m thick. This was in turn sealed by the 0.1 m thick topsoil of greyish brown humic clay (11801).


#### Abstract

AREA C All three trenches revealed a natural of yellowish brown clay with gravel which was sealed by topsoil, comprising greyish brown silty clay averaging $0.2-0.23 \mathrm{~m}$ thick.


## 6. DISCUSSION

Natural deposits comprise clays and silty clays generally representing the upper weathered surface of the underlying solid geology of Oxford Clay. In some places, there is likely to be a drift cover of alluvial deposits, particularly in the lower lying ground, which is evidenced by inclusions of gravel.

A single posthole in Trench 12 contained 3 sherds of Roman pottery. The sherds were very abraded and burnt and may be redeposited.

Many of the features recorded remain undated due to a lack of artefactual evidence and these include many of the ditches encountered during the evaluation. However, a number of ditches correspond to field boundaries shown on early maps and are likely to be of $19^{\text {th }}$ century origin. In Area A, Trenches 5, 6, 9, 11, 20, 21 and 40 all have ditches corresponding to the $19^{\text {th }}$ century maps. However, field boundaries are also recorded crossing Trenches 3, 25, 27, 28, 30 and 32 which have left no trace and may, therefore, be hedged fields. Also depicted on Ordnance Survey maps is a pond that was recorded in Trench 41. In Area B, the fields remain as they did on the $19^{\text {th }}$ century mapping.

A trackway was identified in Trench 20 which accords well with one shown on the 1844 Tithe Map of Grendon Underwood. This had gone out of use by the time of the $1^{\text {st }}$ edition Ordnance Survey map of 1880

Trenches 21 and 23 produced evidence for burning, the nature of which is presently unclear. It could be that former tree stumps were burnt in situ arising to the areas of heat affected natural. One area of burning contained $19^{\text {th }}-20^{\text {th }}$ century pottery.

A cluster of ditch, gully and post hole
features was recorded in the northern part of Area A (Trenches 35 and 36) some of which were dated to the $15^{\text {th }}-17^{\text {th }}$ centuries and indicate localised activity in this vicinity which was no longer present in the $19^{\text {th }}$ century. The presence of building material and animal bone might suggest an area of habitation in the near vicinity, but could perhaps derive from the known farmsteads a short way to the east.

Subsoil was scarce across the site and was found intermittently in two trenches (117 and 118). This may imply that the investigation area has not long been under an agricultural regime and was formerly pasture or woodland.

Finds from the investigation include a range of post-medieval pottery, principally of $15^{\text {th }}-17^{\text {th }}$ century date. Three sherds of Roman pottery are likely to be redeposited as is a prehistoric flint flake. Brick, tile, clay pipe, glass and metalwork were also recovered as well as a small number of animal bones.

Trenches in Area B identified a series of undated shallow ditches not shown on historic mapping and which do not appear to reflect the historic field pattern. A curvilinear feature identified in Trench 106, potentially part of a ring ditch, was tested by Trench 118 and proved not to be a complete circuit. Although postmedieval pottery and glass was recovered from the upper fill of the ditch in Trench 106 this could be derived from movement of soil (the clayey soil forms deep and occasionally quite wide cracks when drying out).

Trenches excavated adjacent to the A41 in Area C did not locate any features associated with the Roman road or roadside activity of any date.

## 7. CONCLUSIONS

An archaeological evaluation was undertaken at Calvert and Greatmoor, Buckinghamshire, as proposed development may affect buried archaeological remains.

The evaluation revealed a sequence of natural, undated, post-medieval and modern deposits. Many of the undated remains, particularly ditches, accord well with field boundaries depicted on early maps of the area and indicate a $19^{\text {th }}$ century date. A track, appearing on an 1844 map was also recorded.

A cluster of features appear to date to the $15^{\text {th }}-17^{\text {th }}$ century and suggest a small settlement lay within the northern part of the eastern area alongside the former approach road to Lower Greatmoor Farm. This site has potential to answer questions about the development of settlement in this landscape from the later medieval period.

A range of finds were recovered during the evaluation and included a prehistoric flint flake, Roman pottery, medieval roof tile and a collection of post-medieval items including pottery, glass, clay pipe and building material. A small number of animal bones was also collected.

## 8. ACKNOWLEDGEMENTS

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## 9. PERSONNEL

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## 11. ABBREVIATIONS

APS Archaeological Project Services
IfA Institute for Archaeologists


Figure 1-General location plan

$\square$

Figure 2 - Site location plan


Figure 3 - Trench location plan


Figure 4 - Site and Trench location plan: Area C


Figure 5 - Plan of Trenches 5 and 6

## Trench 7



Trench 11


Figure 6 - Plan of Trenches 7 and 11


Figure 7 - Plan of Trenches 12 and 13


Figure 8 - Plan of Trench 20

## Trench 21


$\longrightarrow$

Figure 9 - Plan of Trench 21

Trench 23


Figure 10 - Plan of Trenches 23 and 24


Figure 11 - Plan of Trench 35

## Trench 36




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Report No: 114/11
Figure 12 - Plan of Trench 36


Figure 13 - Plan of Trenches 37 and 39


Figure 14 - Trenches 40 and 41


Figure 15 - Plan of Trenches 101 and 102

Trench 105


Trench 106


## Archaeological Project Services

Project Name: Calvert/Greatmoor, CLGM11
Scale 1:200
Drawn by: PCF Report No: 114/11

Figure 16 - Plan of Trenches 105 and 106

Trench 107


Figure 17 - Plan of Trenches 107 and 113

Trench 114


Trench 118


Figure 18 - Plan of Trenches 114 and 118

## Sec 1

Sec 2


## Sec 3



Sec 4

## Sec 5



Sec 7


Figure 19 - Sections 1-7

Sec 9

## Sec 8

sw

NE $\frac{76.20 m}{\pi}$


Sec 10


Sec 12


Figure 20 - Sections 8-13

Sec 14


Sec 15


Sec 17


Sec 18


Sec 19
SE

(2105)

## Sec 20



Figure 21 - Sections 14-15 and 17-20

## Sec 16



0
$2 m$


## Sec 21



Sec 22


Sec 24


Sec 26

## Sec 25



## Sec 27



0 $\qquad$

## Sec 28



Sec 29

(10602)

Sec 30


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Figure 23 - Sections 21-22 and 24-30


Figure 24 - Sections 31-39

## Sec 41



## Sec 42



## Sec 43



Figure 25 - Sections 41-43


Plate 1 - Trench 1, looking northwest


Plate 2 - Trench 2, looking northeast


Plate 3 - Trench 3, typical section, looking southwest


Plate 4 - Trench 5, looking southwest


Plate 5 - Trench 5, ditch (503), looking northwest


Plate 6 - Trench 6, ditch (603), looking west


Plate 7 - Trench 6, deposit (607) of former hedge, looking west


Plate 8 - Trench 7, pit (703), looking southwest


Plate 9 - Trench 9, representative section


Plate 10 - Trench 10, posthole (1004), looking south


Plate 11 - Trench 11, looking northeast


Plate 12 - Trench 11, ditch (1104), looking southwest


Plate 13 - Trench 12, Section 1 with postholes (1203) and (1205), looking southwest


Plate 14 - Trench 13, Section 2 with ditch (1303), looking northeast


Plate 15 - Trench 16, looking southeast


Plate 16 - Trench 20, Section 7 showing ditch (2003), looking east


Plate 17 - Trench 20, Track (2005), looking west


Plate 18 - Trench 21 showing areas of burning, looking northwest


Plate 19 - Trench 23 showing feature (2308), looking northwest


Plate 20 - Trench 35, looking southwest


Plate 21 - Trench 35, ditch (3503), looking north


Plate 22 - Trench 35, gully (3505), looking east


Plate 23 - Trench 35, postholes (3509), (3511), (3513) and (3515), looking northeast


Plate 24 - Trench 35, ditch (3519), looking west


Plate 25 - Trench 36, ditch (3605) and service trench (3603), looking southeast


Plate 26 - Trench 36 with pit (3607), looking west


Plate 27 - Trench 36, ditch (3609), looking southeast


Plate 28 - Trench 37, feature (3703), looking north


Plate 29 - Trench 37 with gully (3704), looking west


Plate 30 - Trench 41 showing pond (4107), looking southwest


Plate 31 - General view looking northeast over Area B


Plate 32 - Trench 101, looking northeast


Plate 33 - Trench 101 with ditch (10103), looming northwest


Plate 34 - Trench 105 showing ditch (10503), looking east


Plate 35 - Trench 106 with the curvilinear ditch (10603), looking northeast


Plate 36 - Trench 107 showing the three ditches (10703), (10705) and (10707), looking northeast


Plate 37 - Trench 109, looking northeast


Plate 38 - Trench 113 with ditch (11303), looking southeast


Plate 39 - Trench 118 showing ditch (11804), looking southwest


Plate 40 - View looking over Area C, looking northwest


Plate 41 - Trench C1 after excavation, looking north


Plate 42 - Trench C3 after excavation, looking west

## Appendix 1

## CONTEXT DESCRIPTIONS

| No. | Trench | Description | Interpretation |
| :---: | :---: | :---: | :---: |
| AREA A |  |  |  |
| 101 | 1 | Firm mid greyish brown clayey silt with frequent rounded gravel, 0.3 m thick | Topsoil |
| 102 | 1 | Firm mid orange brown silty clay with frequent rounded pebbles | Natural deposit |
| 201 | 2 | Firm mid brown clayey silt, 0.24 m thick | Topsoil |
| 202 | 2 | Firm light greyish brown with orange brown and mid grey mottled silty-clay | Natural deposit |
| 301 | 3 | Compact mid greyish brown clayey silt with frequent rounded gravel, 0.25 m thick | Topsoil |
| 302 | 3 | Firm mid brownish grey silty clay with frequent rounded gravel | Natural deposit |
| 401 | 4 | Compact mid greyish brown silty clay with frequent rounded gravel, 0.2 m thick | Topsoil |
| 402 | 4 | Firm mid orange grey silty clay with frequent rounded pebbles | Natural deposit |
| 501 | 5 | Firm mid brown clayey silt, 0.24 m thick | Topsoil |
| 502 | 5 | Firm mid orange brown and light blue grey mottled silty-clay | Natural deposit |
| 503 | 5 | Linear cut, aligned northwest-southeast, 0.77 m wide by 0.22 m deep, steep to moderate sides and flattish base | Ditch |
| 504 | 5 | Firm mid to dark brown clayey silt | Fill of (503) |
| 601 | 6 | Compact mid greyish brown silty clay, 0.25 m thick | Topsoil |
| 602 | 6 | Compact mid greyish yellow clay | Natural deposit |
| 603 | 6 | Linear feature, aligned east-west, $>1.6 \mathrm{~m}$ long by 1.3 m wide and 0.2 m deep, | Ditch |
| 604 | 6 | Soft, dark grey silty clay | Fill of (603) |
| 605 | 6 | Firm mid greyish yellow clay with mid red sub-rounded pebbles | Fill of (603) |
| 606 | 6 | Firm mid yellow clay | Fill of (603) |
| 607 | 6 | Firm dark brown clayey silt | Possible hedgerow remnant |
| 701 | 7 | Compact mid greyish brown clayey silt with frequent rounded gravel, 0.25 m thick | Topsoil |
| 702 | 7 | Compact mid greyish orange silty clay, $>100 \mathrm{~mm}$ thick | Natural deposit |
| 703 | 7 | Square feature, 0.6 m by 0.6 m by 0.13 m deep, vertical side to southeast, gradual to northwest with uneven base | Possible pit |
| 704 | 7 | Firm mid greyish brown silty clay | Fill of (703) |
| 801 | 8 | Firm mid greyish brown clay, 0.28 m thick | Topsoil |
| 802 | 8 | Firm mid yellowish brown clay | Natural deposit |
| 901 | 9 | Compact mid greyish brown clayey silt with frequent rounded gravel, 0.25 m thick | Topsoil |
| 902 | 9 | Firm mid orange brown silty clay with frequent sub-rounded pebbles | Natural deposit |
| 903 | 9 | Firm mid to dark brown silty clay with frequent ceramic pipe fragments | Fill of (904) |
| 904 | 9 | Linear feature, aligned northwest-southeast, 2.5 m wide, not excavated | Ditch |
| 1001 | 10 | Firm mid greyish brown clay, 0.26 m thick | Topsoil |
| 1002 | 10 | Firm mid reddish brown clay | Natural deposit |
| 1003 | 10 | Firm mid greyish brown silty clay | Fill of (1004) |
| 1004 | 10 | Sub-circular feature, 0.18 m wide by 80 mm deep | Posthole |
| 1101 | 11 | Compact mid greyish brown clayey silt, 0.2 m thick | Topsoil |


| No. | Trench | Description | Interpretation |
| :---: | :---: | :---: | :---: |
| 1102 | 11 | Compact mid greyish yellow clay | Natural deposit |
| 1103 | 11 | Firm mid grey clay | Natural deposit |
| 1104 | 11 | Linear feature, aligned northwest-southeast, $>1.85 \mathrm{~m}$ long by 0.2 m wide, not excavated | Ditch |
| 1105 | 11 | Firm dark brown silty clay | Fill of (1104) |
| 1201 | 12 | Compact mid greyish brown silty clay with frequent rounded gravel, 0.3 m thick | Topsoil |
| 1202 | 12 | Firm mid orange brown silty clay with frequent rounded pebbles | Natural deposit |
| 1203 | 12 | Circular feature, 0.23 m diameter by 80 mm deep, | Posthole |
| 1204 | 12 | Firm dark grey silty clay with frequent charcoal flecks | Fill of (1203) |
| 1205 | 12 | Oval feature, 0.35 m long by 0.25 m wide by 50 mm deep, | Posthole |
| 1206 | 12 | Firm dark grey silty clay | Fill of (1205) |
| 1301 | 13 | Compact mid greyish brown clayey silt with frequent rounded gravel, 0.22 m thick | Topsoil |
| 1302 | 13 | Firm mid orange brown silty clay with frequent sub-rounded pebbles | Natural deposit |
| 1303 | 13 | Linear feature, aligned northeast-southwest, 0.61 m wide by 0.3 m deep, moderate sides, not fully excavated | Land-drain |
| 1304 | 13 | Firm very dark brown clayey silt - containing gravel | Fill of (1303) |
| 1305 | 13 | Linear feature, aligned east-west, $>0.7 \mathrm{~m}$ wide by 0.12 m deep, shallow sides and rounded base | Hedge-line |
| 1306 | 13 | Firm mid greyish brown silty clay | Fill of (1305) |
| 1401 | 14 | Compact mid greyish brown clayey silt with frequent rounded gravel, 0.26 m thick | Topsoil |
| 1402 | 14 | Firm mid orange brown silty clay with frequent sub-rounded pebbles | Natural deposit |
| 1501 | 15 | Compact mid greyish brown clayey silt with frequent rounded gravel, 0.2 m thick | Topsoil |
| 1502 | 15 | Firm mid orange brown silty clay with frequent sub-rounded pebbles | Natural deposit |
| 1601 | 16 | Compact mid greyish brown clayey silt with frequent rounded gravel | Topsoil |
| 1602 | 16 | Compact mid greyish orange silty clay with frequent rounded pebbles | Natural deposit |
| 1701 | 17 | Firm mid brown clayey silt, 0.13 m thick | Topsoil |
| 1702 | 17 | Firm mid orange brown and light bluish grey mottled silty clay | Natural deposit |
| 1801 | 18 | Stiff mid greyish brown clay, 0.2 m thick | Topsoil |
| 1802 | 18 | Stiff mid reddish brown clay mottled with patches of grey | Natural deposit |
| 1901 | 19 | Firm dark to mid brown clayey silt, 0.37 m thick | Topsoil |
| 1902 | 19 | Firm mid orange brown mottled with bluish grey clay, $>60 \mathrm{~mm}$ thick | Natural deposit |
| 2001 | 20 | Firm dark to mid brown clayey silt, 0.26 m thick | Topsoil |
| 2002 | 20 | Firm mid orange brown and light bluish grey silty clay with occasional flints, $>0.1 \mathrm{~m}$ thick | Natural deposit |
| 2003 | 20 | Linear feature, aligned northeast-southwest, 0.75 m wide by 0.4 m deep, steep sides and rounded base | Ditch |
| 2004 | 20 | Loose to firm dark brown wood fragments in clayey silt matrix | Fill of (2003) |
| 2005 | 20 | Loose sandstone boulders and quartz stones, extent 3.2 m | Former trackway |
| 2006 | 20 | Linear cut, aligned east-west | Cut for (2005) |
| 2007 | 20 | Firm mid greenish brown with bluish grey mottled silty clay | Fill of (2003) |
| 2101 | 21 | Firm mid to dark brown clayey silt, 0.24 m thick | Topsoil |
| 2102 | 21 | Firm mid orange brown with bluish grey mottled silty clay, $>90 \mathrm{~mm}$ thick | Natural deposit |


| No. | Trench | Description | Interpretation |
| :---: | :---: | :---: | :---: |
| 2103 | 21 | Linear feature, aligned east-west, 1.62 m wide by 0.25 m deep, moderate sides and uneven base | Ditch |
| 2104 | 21 | Firm dark brown clayey silt | Fill of (2103) |
| 2105 | 21 | Firm mid red burnt clay, 1.4 m by 0.76 m extent | Heat affected natural |
| 2106 | 21 | Loose mid red burnt clay fragments with frequent charcoal flecks | Heat affected area |
| 2201 | 22 | Stiff mid to dark brown clay, 0.23 m thick | Topsoil |
| 2202 | 22 | Stiff mixed light greenish grey, light brownish orange and light brownish yellow clay, $>90 \mathrm{~mm}$ thick | Natural deposit |
| 2203 | 22 | Linear band of gravel, $<0.18 \mathrm{~m}$ wide | Field drain |
| 2301 | 23 | Firm dark to mid brown clayey silt with frequent sandstone pebbles, 0.24 m thick | Topsoil |
| 2302 | 23 | Firm mid orange brown with bluish grey mottled silty clay, $>90 \mathrm{~mm}$ thick | Natural deposit |
| 2303 | 23 | Firm mid greenish and yellowish brown silty clay, 90 mm thick | Re-deposited natural |
| 2304 | 23 | Firm light to mid brown silty clay, 0.1-0.15m thick | Fill within (2308) |
| 2305 | 23 | Loose light grey ash, 10mm thick | Fill within (2308) |
| 2306 | 23 | Friable dark orange brown burnt clay, 80 mm thick | Fill within (2308) |
| 2307 | 23 | Firm to friable dark brown/black clay, 0.2 m thick | Fill within (2308) |
| 2308 | 23 | Feature, 0.2 m deep, steep sides and flat base | Fire pit? |
| 2401 | 24 | Firm mid to dark brown clay, 0.23 m thick | Topsoil |
| 2402 | 24 | Stiff mixed light brownish yellow, light yellowish grey and light brownish orange clay, $>80 \mathrm{~mm}$ thick | Natural deposit |
| 2403 | 24 | Stiff mixed dark grey, light brownish yellow, light yellowish grey and light brownish orange clay | Natural deposit |
| 2404 | 24 | Stiff dark grey humic clay in irregular band | Former hedge line |
| 2405 | 24 | Stiff mid grey clay with moderate sandstone pebbles | Fill of (2406) |
| 2406 | 24 | Irregular feature, 1 m long by 0.31 m wide by 75 mm deep, steep sides and rounded base | Natural feature |
| 2501 | 25 | Firm to stiff mid to dark brown clay, 0.23 m thick | Topsoil |
| 2502 | 25 | Stiff mixed light yellowish grey and brownish orange clay, $>90 \mathrm{~mm}$ thick | Natural deposit |
| 2503 | 25 | Firm to stiff mixed dark grey, light yellowish grey and brownish orange clay | Natural deposit |
| 2601 | 26 | Firm to stiff dark brown clay, 0.22 m thick | Topsoil |
| 2602 | 26 | Stiff mixed mid to dark grey, light yellowish grey and brownish orange clay, $>80 \mathrm{~mm}$ thick | Natural deposit |
| 2603 | 26 | Linear band of gravel, 0.16 m wide | Field drain |
| 2701 | 27 | Firm to stiff mid to dark brown clay, 0.25 m thick | Topsoil |
| 2702 | 27 | Firm to stiff mixed light grey, brownish yellow and yellowish orange clay, $>80 \mathrm{~mm}$ thick | Natural deposit |
| 2703 | 27 | Stiff mid grey with dark reddish brown mottled clay | Natural deposit |
| 2704 | 27 | Linear band of gravel, 0.15 m wide | Field drain |
| 2801 | 28 | Firm dark brown clayey silt, 0.26 m thick | Topsoil |
| 2802 | 28 | Firm mid orange brown with bluish grey mottled clay, $>40 \mathrm{~mm}$ thick | Natural deposit |
| 2900 | 29 | Firm dark brown silty clay, 0.24 m thick | Topsoil |
| 2901 | 29 | Firm to plastic mid to light yellowish brown with bluish grey mottled clay, $>70 \mathrm{~mm}$ thick | Natural deposit |
| 3000 | 30 | Firm dark brown silty clay, 0.25 m thick | Topsoil |
| 3001 | 30 | Firm to plastic mid to light yellowish brown clay, $>0.11 \mathrm{~m}$ thick | Natural deposit |
| 3101 | 31 | Firm to stiff mid brown clay, 0.22 m thick | Topsoil |


| No. | Trench | Description | Interpretation |
| :---: | :---: | :---: | :---: |
| 3102 | 31 | Stiff mixed light grey and brownish yellow clay, $>90 \mathrm{~mm}$ thick | Natural deposit |
| 3201 | 32 | Firm mid brown clay, 0.22m thick | Topsoil |
| 3202 | 32 | Stiff mixed light grey and light brownish yellow clay, $>60 \mathrm{~mm}$ thick | Natural deposit |
| 3203 | 32 | Linear band of gravel, 0.2 m wide | Field drain |
| 3204 | 32 | Linear band of gravel, 0.2 m wide | Field drain |
| 3301 | 33 | Firm to stiff mid to dark brown clay, 0.22 m thick | Topsoil |
| 3302 | 33 | Stiff light grey with light brownish orange and brownish yellow mottled clay, $>90 \mathrm{~mm}$ thick | Natural deposit |
| 3303 | 33 | Firm to stiff mid and dark grey clay with woody fragments | Fill of (3304) |
| 3304 | 33 | Linear feature, 0.5 m wide | Ditch |
| 3305 | 33 | Linear band of gravel | Field drain |
| 3306 | 33 | Linear band of gravel | Field drain |
| 3401 | 34 | Firm to stiff mid brown clay, 0.22 m thick | Topsoil |
| 3402 | 34 | Firm to stiff mixed light grey and light brownish grey clay, $>0.13 \mathrm{~m}$ thick | Natural deposit |
| 3501 | 35 | Firm mid greyish brown clayey silt, 0.26 m thick | Topsoil |
| 3502 | 35 | Hard light greyish brown clay | Natural deposit |
| 3503 | 35 | Linear feature, aligned north-south, $>2.1 \mathrm{~m}$ long by 0.9 m wide by 0.2 m deep, gradual sides and uneven base | Ditch |
| 3504 | 35 | Firm mid greyish brown clay with frequent fired clay | Fill of (3503) |
| 3505 | 35 | Linear feature, aligned east-west, $>2 \mathrm{~m}$ long by 0.3 m wide by 70 mm deep, steep sides and rounded base | Gully |
| 3506 | 35 | Firm mid greyish brown clayey silt | Fill of (3505) |
| 3507 | 35 | Linear feature, aligned northeast-southwest, $>3 \mathrm{~m}$ long by $>0.6 \mathrm{~m}$ wide by 90 mm deep, gradual sides and rounded base | Gully |
| 3508 | 35 | Firm mid greyish brown clayey silt | Fill of (3507) |
| 3509 | 35 | Circular feature, 0.24 m diameter by 90 mm deep, steep sides and blunt tapering point | Posthole |
| 3510 | 35 | Firm mid brownish grey clayey silt | Fill of (3509) |
| 3511 | 35 | Circular feature, 0.24 m diameter, not excavated | Posthole |
| 3512 | 35 | Firm mid brownish grey clayey silt | Fill of (3511) |
| 3513 | 35 | Circular feature, 0.2 m diameter, not excavated | Posthole |
| 3514 | 35 | Firm mid brownish grey clayey silt | Fill of (3513) |
| 3515 | 35 | Circular feature, 0.2 m diameter, not excavated | Posthole |
| 3516 | 35 | Firm mid brownish grey clayey silt | Fill of (3515) |
| 3517 | 35 | Linear feature, aligned northwest-southeast, $>1.8 \mathrm{~m}$ long by 0.8 m wide, not excavated | Ditch |
| 3518 | 35 | Firm mid greyish brown clayey silt | Fill of (3517) |
| 3519 | 35 | Linear feature, aligned east-west, $>2 \mathrm{~m}$ long by 0.5 m wide by 90 mm deep, steep sides and uneven base | Ditch |
| 3520 | 35 | Firm mid greyish brown clayey silt | Fill of (3519) |
| 3521 | 35 | Firm light greyish brown clayey silt, 50 mm thick | Trample |
| 3600 | 36 | Firm dark brown silty clay, 0.35 m thick | Topsoil |
| 3601 | 36 | Firm to plastic mid yellowish brown silty clay | Natural deposit |
| 3602 | 36 | Firm dark greyish brown silty clay | Fill of (3603) |
| 3603 | 36 | Linear feature, aligned northwest-southeast, 0.2 m wide by 0.47 m deep | Service trench |
| 3604 | 36 | Firm mid greyish brown silty clay | Fill of (3605) |
| 3605 | 36 | Curvilinear feature, $>6.2 \mathrm{~m}$ long by 1.4 m wide by 0.47 m deep, steep sides and flattish base | Ditch |


| No. | Trench | Description | Interpretation |
| :---: | :---: | :---: | :---: |
| 3606 | 36 | Firm mid greyish brown silty clay with frequent charcoal, flecks and shell fragments | Fill of (3607) |
| 3607 | 36 | Irregular pit, 2.36 m long by $>0.8 \mathrm{~m}$ wide by 0.5 m deep, gradual to steep sides and indeterminate base | Pit |
| 3608 | 36 | Firm to hard mid greyish brown silty clay | Fill of (3609) |
| 3609 | 36 | Linear feature, aligned east-west with turn to south at eastern end, $>5.5 \mathrm{~m}$ long by 0.7 m wide by 0.19 m deep, shallow sides and rounded base | Ditch |
| 3701 | 37 | Firm to stiff mid brown clay, 0.25 m thick | Topsoil |
| 3702 | 37 | Stiff light brownish yellow clay | Natural deposit |
| 3703 | 37 | ? linear feature, 2 m wide by 0.77 m deep, gradual to steep sides and rounded base |  |
| 3704 | 37 | Linear feature, aligned east-west, 1.2 m long by 0.4 m wide by 0.2 m deep, variable sides and uneven base |  |
| 3705 | 37 | Firm to stiff mixed dark greyish brown and mid brownish yellow humic clay, 0.2 m thick | Levelling deposit |
| 3706 | 37 | Firm dark greyish brown organic clay | Fill of (3703) |
| 3707 | 37 | Firm to stiff mid to light grey clay | Fill of (3703) |
| 3708 | 37 | Firm to stiff mid bluish grey clay with frequent organic material | Fill of (3703) |
| 3709 | 37 | Firm to stiff mid bluish grey clay with frequent organic material | Fill of (3703) |
| 3710 | 37 | Firm to stiff dark greyish brown clay with organic material | Fill of (3704) |
| 3801 | 38 | Firm dark to mid brown clayey silt, 0.3 m thick | Topsoil |
| 3802 | 38 | Firm mid orange brown with bluish grey mottled clay, $>90 \mathrm{~mm}$ thick | Natural deposit |
| 3901 | 39 | Firm mid to dark brown clayey silt, 0.2 m thick | Topsoil |
| 3902 | 39 | Firm mid orange brown with bluish grey mottled clay, $>70 \mathrm{~mm}$ thick | Natural deposit |
| 3903 | 39 | Linear feature, aligned northwest-southeast, $>1.58 \mathrm{~m}$ long by 0.4 m wide, not excavated | ?ditch |
| 3904 | 39 | Firm dark to mid brown clayey silt | Fill of (3903) |
| 4001 | 40 | Firm mid to dark brown clayey silt, 0.26 m thick | Topsoil |
| 4002 | 40 | Firm mid orange brown with bluish grey mottled clay, 0.14 m thick | Natural deposit |
| 4003 | 40 | Linear feature, aligned northwest-southeast, 0.68 m wide by 0.2 m deep, steep sides and rounded base | Ditch |
| 4004 | 40 | Firm dark brown clayey silt | Fill of (4003) |
| 4100 | 41 | Firm dark brown silty clay, 0.3 m thick | Topsoil |
| 4101 | 41 | Firm mid yellowish brown silty clay | Natural deposit |
| 4102 | 41 | Firm dark greyish brown silty humic clay | Fill of (4107) |
| 4103 | 41 | Firm and plastic mid brownish grey to greenish grey clay | Fill of (4107) |
| 4104 | 41 | Soft dark brownish grey peat and clay | Fill of (4107) |
| 4105 | 41 | Soft dark grey to black clayey peat | Fill of (4107) |
| 4106 | 41 | Firm dark brownish grey silty clay | Fill of (4107) |
| 4107 | 41 | Feature, 12.02 m wide by 1.49 m deep | Pond |
| AREA B |  |  |  |
| 10101 | 101 | Soft mid brown silty clay, 0.25 m thick | Topsoil |
| 10102 | 101 | Firm light greyish brown clay | Natural deposit |
| 10103 | 101 | Linear feature, aligned east-west, 0.4 m wide by 0.15 m deep, moderate sides and rounded base | Ditch |
| 10104 | 101 | Soft mid grey silty clay | Fill of (10103) |
| 10200 | 102 | Firm mid greyish brown silty clay, 0.2 m thick | Topsoil |
| 10201 | 102 | Firm mid orange brown silty clay | Natural deposit |


| No. | Trench | Description | Interpretation |
| :---: | :---: | :---: | :---: |
| 10202 | 102 | Firm dark orange brown silty clay | Fill of (10203) |
| 10203 | 102 | Linear feature, aligned northeast-southwest, 0.92 m wide by 0.36 m deep, steep sides and rounded base | Ditch |
| 10301 | 103 | Soft mid brown silty clay, 0.3 m thick | Topsoil |
| 10302 | 103 | Firm light greyish brown clay, $>0.4 \mathrm{~m}$ thick | Natural deposit |
| 10401 | 104 | Soft mid brown silty clay, 0.3 m thick | Topsoil |
| 10402 | 104 | Firm light greyish brown clay, $>0.4 \mathrm{~m}$ thick | Natural deposit |
| 10501 | 105 | Soft mid brown silty clay, 0.25 m thick | Topsoil |
| 10502 | 105 | Firm light brown clay | Natural deposit |
| 10503 | 105 | Linear feature, aligned east-west, 0.6 m wide by 0.17 m deep, gradual sides and flat base | Ditch |
| 10504 | 105 | Soft mid grey silty clay | Fill of (10503) |
| 10601 | 106 | Soft mid brown silty clay, 0.3 m thick | Topsoil |
| 10602 | 106 | Firm light brown mottled with light grey clay | Natural deposit |
| 10603 | 106 | Curvilinear feature, aligned generally northeast-southwest, $>8 \mathrm{~m}$ long by 0.55 m wide by 0.1 m deep, gradual sides and flat base | Ditch |
| 10604 | 106 | Firm mid brownish grey silty clay | Fill of (10603) |
| 10701 | 107 | Soft mid brown silty clay, 0.25 m thick | Topsoil |
| 10702 | 107 | Firm light greyish brown clay | Natural deposit |
| 10703 | 107 | Linear feature, aligned northeast-southwest, $>1 \mathrm{~m}$ long by 0.4 m wide by 0.15 m deep, gradual sides and rounded base | Ditch |
| 10704 | 107 | Firm mid grey clay | Fill of (10703) |
| 10705 | 107 | Linear feature, aligned northwest-southeast, $>1 \mathrm{~m}$ long by 0.5 m wide by 0.17 m deep, gradual sides and rounded base | Ditch |
| 10706 | 107 | Firm mid grey clay | Fill of (10705) |
| 10707 | 107 | Linear feature, aligned east-west, 1.05 m wide by 0.2 m deep, gradual sides and rounded base | Ditch |
| 10708 | 107 | Firm mid grey clay | Fill of (10707) |
| 10800 | 108 | Firm mid greyish brown silty clay, 0.23 m thick | Topsoil |
| 10801 | 108 | Firm mid orange brown silty clay, $>0.11 \mathrm{~m}$ thick | Natural deposit |
| 10900 | 109 | Firm mid greyish brown silty clay, 0.2 m thick | Topsoil |
| 10901 | 109 | Firm mid orange brown silty clay, $>0.12 \mathrm{~m}$ thick | Natural deposit |
| 11000 | 110 | Firm mid greyish brown silty clay, 0.2 m thick | Topsoil |
| 11001 | 110 | Firm mid orange brown silty clay, $>0.12 \mathrm{~m}$ thick | Natural deposit |
| 11100 | 111 | Firm mid greyish brown silty clay, 0.22 m thick | Topsoil |
| 11101 | 111 | Firm mid orange brown silty clay with frequent pebbles, $>70 \mathrm{~mm}$ thick | Natural deposit |
| 11200 | 112 | Firm mid greyish brown silty clay, 0.16 m thick | Topsoil |
| 11201 | 112 | Firm mid to light yellowish brown silty clay, $>0.1 \mathrm{~m}$ thick | Natural deposit |
| 11301 | 113 | Soft mid brown silty clay, 0.25 m thick | Topsoil |
| 11302 | 113 | Firm light greyish brown clay | Natural deposit |
| 11303 | 113 | Linear feature, aligned northwest-southeast, $>2.5 \mathrm{~m}$ long by 1.5 m wide by 0.3 m deep, steep sides and flat base | Ditch |
| 11304 | 113 | Firm mid brown clay | Fill of (11303) |
| 11305 | 113 | Unstratified finds retrieval |  |
| 11400 | 114 | Firm to friable mid orange brown silty clay, 0.25 m thick | Topsoil |
| 11401 | 114 | Firm to plastic mid orange clay | Natural deposit |
| 11410 | 114 | Sub-circular feature, 1.1 m wide by 0.25 m deep | Tree throw |
| 11411 | 114 | Firm to plastic mid orange mottled with bluish grey clay with frequent charcoal | Fill of (11410) |


| No. | Trench | Description | Interpretation |
| :---: | :---: | :---: | :---: |
| 11500 | 115 | Firm to friable mid greyish brown silty clay, 0.25 m thick | Topsoil |
| 11501 | 115 | Firm to plastic light yellowish brown mottled with mid grey clay, $>0.15 \mathrm{~m}$ thick | Natural deposit |
| 11600 | 116 | Friable dark orange brown silty clay, 0.2 m thick | Topsoil |
| 11601 | 116 | Firm and plastic mid orange mottled with grey clay, $>0.17 \mathrm{~m}$ thick | Natural deposit |
| 11701 | 117 | Soft mid brown silty clay, 0.2 m thick | Topsoil |
| 11702 | 117 | Firm mid brownish grey clayey silt, 0.25 m thick | Subsoil |
| 11703 | 117 | Firm light orange brown clay, $>0.1 \mathrm{~m}$ thick | Natural deposit |
| 11801 | 118 | Firm dark greyish brown humic clay, 0.1 m thick | Topsoil |
| 11802 | 118 | Firm to stiff mid greyish brown clay, 0.11 m thick | Subsoil |
| 11803 | 118 | Firm to stiff light yellowish brown and light grey clay, $>0.17 \mathrm{~m}$ thick | Natural deposit |
| 11804 | 118 | Linear feature, aligned northeast-southwest, $>5 \mathrm{~m}$ long by 0.85 m wide by 0.18 m deep, gradual sides and flat base | Ditch |
| 11805 | 118 | Firm to stiff mid to dark grey clay | Fill of (11804) |
| 11806 | 118 | Firm to stiff mid to light grey clay | Fill of (11804) |
| 11807 | 118 | Firm to stiff mid to dark grey clay, 50 mm thick | Spread |
| AREA C |  |  |  |
| C101 | C1 | Firm mid greyish brown silty clay, 0.2 m thick | Topsoil |
| C102 | C1 | Firm mid yellowish brown clay with frequent gravel, $>50 \mathrm{~mm}$ thick | Natural deposit |
| C201 | C2 | Firm mid greyish brown silty clay, 0.2 m thick | Topsoil |
| C202 | C2 | Firm mid yellowish brown clay with frequent gravel, $>0.1 \mathrm{~m}$ thick | Natural deposit |
| C301 | C3 | Firm mid greyish brown silty clay, 0.23 m thick | Topsoil |
| C302 | C3 | Firm mid yellowish brown clay with frequent gravel, $>50 \mathrm{~mm}$ thick | Natural deposit |

## Appendix 2

## THE FINDS

## ROMAN POTTERY

By Alex Beeby

## Introduction

All the material was recorded at archive level in accordance with the guidelines laid out by Darling (2004). A total of three sherds from a single vessel, weighing five grams was recovered from the site.

## Methodology

The material was laid out and viewed before being counted and weighed. The pottery was examined visually and using x20 magnification. This information was then added to an Access database. The pottery was recorded using the codes developed by the City of Lincoln Archaeological Unit (Darling and Precious, forthcoming). An archive list of the pottery is included in Table 1 below.

## Condition

The sherds are small, abraded and very burnt. The vessel was probably produced as a greyware type with a reduced fabric, but has been reoxidised by burning after deposition.

## Results

Table 1, Roman Pottery Archive
\(\left.\begin{array}{|c|c|c|c|c|c|c|c|c|c|c|}\hline Trench \& Context \& Cname \& Form \& Decoration \& NoV \& Alter \& Dr \& Comments \& NoS \& W(g) <br>
\hline 12 \& 1204 \& GRFF \& JBK \& \& 1 \& \begin{array}{c}ABR; <br>

BURNT OB\end{array} \& \& BSS; J; V BURNT; OXID SURFACES\end{array}\right] 3\)| 5 |
| :---: |

## Provenance

The material came from fill (1204) within posthole [1204].

## Range

There are three sherds in a fairly fine grey fabric (GRFF). The vessel is likely to be a jar or beaker. The pottery is in a very poor condition and is highly likely to be redeposited. The pottery is Roman in date but it is too fragmentary to refine this any further.

## Potential

There is no potential for further work.

## Summary

Three sherds from a single vessel in a fairly fine greyware fabric were recovered from a feature within Trench 12.

## POST ROMAN POTTERY

By Alex Beeby with Anne Irving

## Introduction

All the material was recorded at archive level in accordance with the guidelines laid out in Slowikowski et al. (2001). The pottery codenames (Cname) are in accordance with the Post Roman pottery type series published in Young et al. (2005). A total of 30 sherds from 24 vessels, weighing 311 grams was recovered from the site.

## Methodology

The material was laid out and viewed in context order. Sherds were counted and weighed by individual vessel within each context. The pottery was examined visually and using x20 magnification. This information was then added to an Access database. An archive list of the pottery is included in Archive Catalogue 1, with a summary of fabric types in Table 2 below. The pottery ranges in date from the Late Medieval to the Early Modern period.

## Condition

The pottery is quite fragmentary and this is reflected in the low mean average sherd weight of just 10.3 grams. Even though most of the sherds derive from large, heavy domestic vessels, just a few pieces are notably larger than this, with the heaviest, still weighing only 50 grams .

## Results

Table 2, The Post Roman Pottery by Fabric

| Period | Cname | Full name | Earliest Date | Latest Date | NoS | NoV | W(g) |
| :---: | :---: | :--- | :---: | :---: | :---: | :---: | :---: |
| Late Medieval - Post Medieval | POTST | Potterspury Type Wares | 1400 | 1700 | 18 | 13 | 210 |
|  | DUTRT | Dutch Red Earthenware Types | 1550 | 1650 | 1 | 1 | 50 |
|  | Early Modern | GRE | Glazed Red Earthenware | 1500 | 1650 | 6 | 6 |
|  | TGE | Tin-glazed earthenware | 1550 | 1750 | 1 | 1 | 3 |
|  | CREA | Creamware | 1770 | 1830 | 2 | 1 | 1 |
|  | PEARL | Pearlware | 1770 | 1900 | 1 | 1 | 1 |
|  | WHITE | Modern whiteware | 1850 | 1900 | 1 | 1 | 1 |
| Total |  |  |  |  | $\mathbf{3 0}$ | $\mathbf{2 4}$ | $\mathbf{3 1 1}$ |

## Provenance

Most of the pottery came from features within Trench 35 in Area A. Table 3 below shows the provenance of the material showing quantification of sherds and vessels by cut number and feature type.

Table 3, The Provenance of the Pottery

| Area | Tr | Fill Cxt | Cut Cxt | Feature Type | NoS | NoV | W(g) |
| :---: | :---: | :---: | :---: | :--- | :---: | :---: | :---: |
| A | 21 | 2106 | - | Heat Affected Area/Deposit | 1 | 1 | 1 |
| A | 35 | 3504 | 3503 | Ditch | 5 | 5 | 90 |
| A | 35 | 3508 | 3507 | Gully | 1 | 1 | 4 |
| A | 35 | 3510 | 3509 | Posthole | 1 | 1 | 7 |
| A | 35 | 3518 | 3517 | Ditch | 2 | 2 | 48 |
| A | 35 | 3520 | 3519 | Ditch | 5 | 3 | 45 |
| A | 35 | 3521 | - | Trample Layer | 2 | 2 | 37 |
| A | 36 | 3604 | 3605 | Ditch | 6 | 4 | 53 |
| A | 36 | 3606 | 3607 | Pit | 3 | 2 | 15 |
| A | 36 | 3608 | 3609 | Ditch | 1 | 1 | 9 |
| B | 113 | 11304 | 11303 | Ditch | 1 | 1 | 1 |
| B | 118 | 11805 | 11804 | Ditch | 2 | 1 | 1 |
| Total |  |  |  | 30 | 24 | 311 |  |

## Range

There is a range of Late Medieval/Post Medieval ceramics as well a few pieces of material dated to the early modern period. Just four trenches produced pottery, these are listed below.

## Trench 21

A single sherd of modern White ware came from a heat affected area in this Trench.

## Trench 35

Trench 35 produced a good range of material including a sherd from a cooking pot in Dutch red earthenware (DUTRT) from ditch [3503]. This vessel, dating to the 15 th to 16 th centuries, has a thick high quality dark brown glazed exterior and is probably a continental import. Other features in this trench yielded pottery of a similar date or slightly later. This material is dominated by Glazed red Earthenwares (GRE) and later type Potterspury wares (POTST) The presence of these fabrics suggests intense activity, including disposal of domestic vessels in the area of this trench, between the 15th and 17th centuries.

## Trench 36

A similar range of fabrics to that recovered from Trench 35, including GRE and POTST, came from three features here. All of this material is likely to date to the 15 th-16th centuries.

## Trench 113

This Trench produced a piece of Pearlware (PEARL) dated to the early modern period.

## Trench 118

Trench 118 yielded a single flake from a Creamware (CREA) vessel belonging to the late 18th to early 19th centuries.

## Potential

There is limited potential for further work, only Trenches 35 and 36 produced enough stratified material to be worthy of note. Further excavation in this area may help to reveal the nature of activity within this area of the site in the late medieval to post medieval period.

## Summary

A small assemblage of pottery was recovered during the evaluation. Trenches 35 and 36 produced an interesting group likely to date from the $15^{\text {th }}-17^{\text {th }}$ centuries AD.

## CERAMIC BUILDING MATERIAL

## By Alex Beeby

## Introduction

All the material was recorded at archive level in accordance with the guidelines laid out by the ACBMG (2001). A total of six fragments of ceramic building material, weighing 205 grams was recovered from the site.

## Methodology

The material was laid out and viewed in context order. Fragments were counted and weighed within each context. The ceramic building material was examined visually and using x20 magnification. This information was then added to an Access database. An archive list of the ceramic building material is included in Table 4 below.

## Condition

The material is quite fragmentary and one piece is also abraded.

## Results

Table 4, Ceramic Building Material Archive

| Tr | Cxt | Cname | Full Name | Fabric | Description | Date | NoF | Weight |
| :---: | :---: | :---: | :--- | :--- | :--- | :---: | :---: | :---: |
| 23 | 2307 | MODERN <br> BRICK | Modern Brick |  |  | 19 th-20th | 1 | 40 |
| 23 | 2307 | PNR | Peg, Nib or Ridge <br> Tile | Oxidised; fine sandy | Joining frags; FLR; thin 11mm | 13 th-15th | 2 | 67 |
| 35 | 3501 | PNR | Peg, Nib or Ridge <br> Tile | Oxidised; medium sandy | Poorly mixed with light firing streaks; <br> ferruginous grits; sunken margins | 16 th-17th | 1 | 59 |
| 35 | 3510 | BRK | Miscellaneous Brick | Oxidised; medium sandy | Fragment; handmade; poorly mixed clay | 15 th-19th | 1 | 15 |
| 36 | 3604 | CBM | Miscellaneous <br> Ceramic Building <br> Material | Oxidised; medium sandy | Large flake; Poorly mixed clay; mica; <br> abraded; Post Med FLR? | 16 th-19th | 1 | 24 |

## Provenance

Material was recovered from possible fire pit [2308], in Trench 23, posthole [3509] in Trench 35 and ditch [3605] in Trench 36. A single piece of post medieval tile was also collected from (3501), the topsoil within Trench 35.

## Range

There is a limited range of ceramic building material. A single piece of medieval peg, nib or ridge roofing tile (PNR) from pit [2308] of the earliest fragment, although this is likely to be residual, being within a context dated $19^{\text {th }}$ to $20^{\text {th }}$ century. There are no other pieces of particular note.

## Potential

There is little potential for further work. All of the ceramic building material should be retained as part of the site archive.

## Summary

A restricted range of ceramic building material dating from the medieval to the early modern period was recovered from three trenches during the evaluation.

## FIRED CLAY

## By Alex Beeby

## Introduction

All the material was recorded at archive level in accordance with the guidelines laid out by the ACBMG (2001).

## Methodology

The material was laid out and viewed in context order. Fragments of fired clay were counted and then weighed. This information was then added to an Access database. An archive list of the fired clay is included in Table 5 below.

## Condition

All of the material is abraded and surfaceless.

## Results

Table 5, Fired Clay Archive

| $\operatorname{Tr}$ | Context | Classification | Fabric | Comment | Date | Fragments | Weight |
| :---: | :---: | :---: | :--- | :--- | :--- | :---: | :---: |
| 36 | 3606 | FCLAY | Oxidised; medium sandy | Surfaceless; abraded; poss CBM?; pale <br> clay pells; large ferruginous/iron ore grits | Undated | 1 | 42 |
| 36 | 3606 | FCLAY | Oxidised; fine-medium <br> sandy; Ca | Surfaceless; abraded; burnt; sooted; from <br> hearth or oven? | Undated | 1 | 30 |
| 36 | 3606 | FCLAY | Oxidised; medium sandy | Surfaceless; abraded | Undated | 1 | 24 |
| Total |  |  |  |  |  |  |  |

## Provenance

All three pieces of fired clay came from fill context (3606) within pit [3607].

## Range

There three fragments of fired clay, all of which are surfaceless and abraded. They are largely undiagnostic and undatable. A single piece which is burnt and sooted and could be from a hearth or oven structure. A second fragment is quite highly fired and may be very abraded ceramic building material.

## Potential

There is no potential for further work. All of the material should be retained as part of the site archive and should pose no problems for long term storage.

## Summary

Three pieces of highly abraded and surfaceless ceramic building material were recovered during the evaluation. All of these came from pit [3607] in Trench 36.

## FAUNAL REMAINS

## By Paul Cope-Faulkner

## Introduction

A total of $5(37 \mathrm{~g})$ fragments of animal bone were recovered from stratified contexts.

## Provenance

The bones were collected from ditch fills (3504 and 3608) and from the fill of a pit (3606).

## Condition

The overall condition of the remains was good to moderate, averaging at grades 2-3 on the Lyman Criteria (1996).

## Results

Table 6, Fragments Identified to Taxa

| Cxt | Taxon | Element | Side | Number | W (g) | Comments |
| :---: | :--- | :--- | :---: | :---: | :---: | :--- |
| 3504 | large mammal | rib | - | 1 | 23 | probably bovine |
| 3606 | large mammal | long bone | - | 1 | 3 |  |
|  | medium mammal | metacarpal | - | 1 | 6 |  |
|  | large bird | long bone | - | 1 | 2 | poss goose |
| 3608 | medium mammal | long bone | - | 1 | 3 |  |

## Summary

As a small assemblage which is also fragmentary, the collection invites little comment. However, the bone is derived from two trenches that lie close to each other and may indicate food waste from nearby activity. The bone is stable and should be retained as part of the site archive.

## GLASS

By Gary Taylor

## Introduction

A single piece of glass weighing 10 g was recovered.

## Condition

Although naturally fragile the glass is in good condition. It was burnt in the past.

## Results

Table 7, Glass Archive

| Cxt | Description | NoF | W (g) | Date |
| :--- | :--- | :---: | :---: | :--- |
| 11805 | Light green bottle, burnt | 1 | 10 | $19^{\text {th }}$ century |

## Provenance

The glass was recovered from a ditch fill.

## Range

A single piece of early modern bottle glass, subsequently burnt, was recovered.

## Potential

Other than providing dating evidence the glass is of limited potential. No further work is required.

## CLAY PIPE

## By Gary Taylor

## Introduction

Analysis of the clay pipes followed the guidance published by Davey (1981) and the material is detailed in the accompanying table.

## Condition

The clay pipe fragments are in good condition.

## Results

Table 8, Clay Pipes

| Context <br> no. | $\mathbf{8}$ | $\mathbf{7}$ | $\mathbf{6}$ | $\mathbf{5}$ | $\mathbf{4}$ | NoF | W(g) | Comments | Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :--- | :--- |
| 3501 |  |  | 1 |  |  | 1 | 5 | Stem only | $17^{\text {th }}$ century |
| 3508 |  | 1 |  |  |  | 1 | 3 | Stem only | $17^{\text {th }}$ century |
| Totals |  | 1 | 1 |  |  | 2 | 8 |  | 1 |

## Provenance

The clay pipes were recovered from topsoil (3501) and a gully fill (3508), both in Trench 35. They are probably fairly local products, perhaps made in nearby Buckingham or Aylesbury.

## Range

Two $17^{\text {th }}$ century pipe stems were retrieved.

## Potential

Other than providing dating evidence the clay pipes are of limited potential. No further work is required.

## WORKED FLINT

By Tom Lane

## Introduction

A single flint flake weighing 17 g was recovered.

## Condition

The flint is in good condition only mildly abraded.

## Results

Table 9, Worked Flint Archive

| Cxt | Description | No | Wt $(\mathrm{g})$ | Date |
| :---: | :--- | :---: | :---: | :--- |
| 11304 | Flint flake. $49 \times 30 \times 8 \mathrm{~mm}$. Broken in antiquity. Hinge fracture | 1 | 17 | Prehistoric |

## Provenance

The flint was recovered from a ditch fill.

## Potential

A single flake of undetermined but prehistoric date confirms a prehistoric presence in the area but has little other potential.

## OTHER FINDS

By Gary Taylor

## Introduction

A single other find weighing 12 g was recovered.

## Condition

The other find is in moderate condition, though corroded.

## Results

Table 10, Other Materials

| Cxt | Material | Description | NoF | W (g) | Date |
| :--- | :--- | :--- | :---: | :---: | :---: |
| 3606 | iron | Flattened strip, slightly curved, possible implement handle <br> plate | 1 | 12 |  |

## Provenance

The other find was recovered from a pit fill.

## Range

A single piece of metal, perhaps a handle plate and likely to be post-medieval, was recovered.

## Potential

The other find is of limited potential. Other than possibly X-raying the piece no further work is required.

## SPOT DATING

The dating in Table 10 is based on the evidence provided by the finds detailed above.

Table 10, Spot dates

| Cxt | Date | Comments |
| :---: | :--- | :--- |
| 2106 | M19th-20th | Based on a single sherd |
| 2307 | 19 th-20th | Based on CBM |
| 3501 | 17 th | Topsoil |
| 3504 | 15 th-16th |  |
| 3508 | $17^{\text {th }}$ century | Based on a single sherd |
| 3510 | 15 th-17th | Based on a single sherd |
| 3518 | 16 th-17th |  |
| 3520 | 15 th-17th |  |
| 3521 | 17 th-18th |  |
| 3604 | 15 th-16th |  |
| 3606 | 15th-16th |  |
| 3608 | 15 th |  |
| 11304 | L18th-19th |  |
| 11805 | L18th-E19th |  |

## ABBREVIATIONS

| ACBMG | Archaeological Ceramic Building Materials Group |
| :--- | :--- |
| BS | Body sherd |
| CBM | Ceramic Building Material |
| CXT | Context |
| LHJ | Lower Handle Join |
| NoF | Number of Fragments |
| NoS | Number of sherds |
| NoV | Number of vessels |
| PCRG | Prehistoric Ceramic Research Group |
| TR | Trench |
| UHJ | Upper Handle Join |
| W (g) | Weight (grams) |

## REFERENCES

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## ARCHIVE CATALOGUES

Archive catalogue 1, Post Roman Pottery

| Tr | Cxt | Cname | Form | NoS | NoV | W(g) | Part | Description | Date |
| :---: | :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- | :---: |
| 118 | 11805 | CREA | $?$ | 2 | 1 | 1 | BSS | Flakes; crazed glaze | L18th- <br> E19th |
| 35 | 3504 | DUTRT | Cooking <br> Pot | 1 | 1 | 50 | Handle <br> with UHJ | Thick dark brown glaze; <br> fine finish; probably two <br> handled vessel | 15th-16th <br> 35 |
| 3504 | GRE | Bowl? | 1 | 1 | 8 | BS |  |  |  |
| 35 | 3504 | GRE | Bowl | 1 | 1 | 10 | BS |  |  |
| 35 | 3508 | GRE | Jar or Bowl | 1 | 1 | 4 | Rim | Abraded; rounded rim | 16th-17th |
| 113 | 11304 | PEARL | $?$ | 1 | 1 | 1 | BS | Flake; spalled | L18th-19th |
| 35 | 3520 | POTST | $?$ | 2 | 1 | 5 | BS | Abraded; overfired |  |
| 35 | 3510 | POTST | $?$ | 1 | 1 | 7 | BS | Pale Lime green glaze |  |


| Tr | Cxt | Cname | Form | NoS | NoV | W(g) | Part | Description | Date |
| :---: | :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- | :---: |
| 35 | 3504 | POTST | Jar or Bowl | 2 | 2 | 22 | BSS | Dark Lime green glaze | 15th-16th |
| 35 | 3520 | POTST | $?$ | 1 | 1 | 8 | BS | Abraded |  |
| 35 | 3518 | POTST | $?$ | 1 | 1 | 10 | BS | Overfired |  |
| 35 | 3518 | POTST | Jar or Bowl | 1 | 1 | 38 | Base | Thick greeny-yellow glaze | 16th-17th |
| 35 | 3521 | POTST | Jar | 1 | 1 | 34 | Foot | Foot with central groove | 17th-18th |
| 35 | 3520 | POTST | Bowl | 2 | 1 | 32 | Rims | Everted rim with slight <br> hollow; thin greeny yellow <br> glaze; inclusion hollows | 15th-17th |
| 35 | 3521 | TGE | Flat or <br> Hollow | 1 | 1 | 3 | Base with <br> Footring | Abraded | 17th-18th |
| 21 | 2106 | WHITE | $?$ | 1 | 1 | 1 | BS | Crazed glaze | M19th- <br> 20th |
| 36 | 3604 | GRE | Jar or Bowl | 1 | 1 | 10 | Base |  | 15th-16th |
| 36 | 3604 | GRE | $?$ | 1 | 1 | 3 | BS | Abraded |  |
| 36 | 3604 | POTST | $?$ | 1 | 1 | 13 | Base | Rouletted external <br> impression |  |
| 36 | 3604 | POTST | Jar | 3 | 1 | 27 | Base <br> Angle; BS | Joining sherds |  |
| 36 | 3606 | POTST | $?$ | 2 | 1 | 5 | BSS | Finewalled; 1 pcs abraded |  |
| 36 | 3606 | GRE | $?$ | 1 | 1 | 10 | Base | Abraded | 15th-16th |
| 36 | 3608 | POTST | $?$ | 1 | 1 | 9 | Base |  | 15th |

## Appendix 3

## GLOSSARY

| Assart | An area of woodland that has been enclosed and then cultivated. In forest laws, the <br> payment of a fine and consent of the crown were required. |
| :--- | :--- |
| Context | An archaeological context represents a distinct archaeological event or process. For <br> example, the action of digging a pit creates a context (the cut) as does the process of its <br> subsequent backfill (the fill). Each context encountered during an archaeological <br> investigation is allocated a unique number by the archaeologist and a record sheet <br> detailing the description and interpretations of the context (the context sheet) is created <br> and placed in the site archive. Context numbers are identified within the report text by <br> brackets, e.g.(004). |
| Cut | A cut refers to the physical action of digging a posthole, pit, ditch, foundation trench, <br> etc. Once the fills of these features are removed during an archaeological investigation <br> the original 'cut' is therefore exposed and subsequently recorded. |
| Dumped deposits | These are deposits, often laid down intentionally, that raise a land surface. They may be <br> the result of casual waste disposal or may be deliberate attempts to raise the ground <br> surface. |
| Fill |  |
| Remano-British | Once a feature has been dug it begins to silt up (either slowly or rapidly) or it can be <br> back-filled manually. The soil(s) which become contained by the 'cut' are referred to as <br> its fill(s). |
| Pertaining to the period dating from AD $43-410$ when the Romans occupied Britain. |  |

## Appendix 4

## THE ARCHIVE

The archive consists of:

| 127 | Context Record Sheets |
| :--- | :--- |
| 62 | Trench Record Sheets |
| 57 | Machining Record Sheets |
| 17 | Daily Record Sheets |
| 48 | Sheets of Scale Drawings |
| 2 | Section Record Sheets |
| 12 | Photographic Record Sheets |
| 2 | Environmental Sample Sheets |
| 1 | Bag of Finds |

All primary records and finds are currently kept at:
Archaeological Project Services
The Old School
Cameron Street
Heckington
Sleaford
Lincolnshire
NG34 9RW
The ultimate destination of the project archive is:
Buckinghamshire County Museum
Tring Road
Halton
Aylesbury
Buckinghamshire
HP22 5PJ
The archive will be deposited in accordance with the project archive acceptance requirements of Buckinghamshire County Museum.

Buckinghamshire County Museum Accession Number:
AYBCM: 2011.252

Archaeological Project Services Site Code:
CLGM 11
The discussion and comments provided in this report are based on the archaeology revealed during the site investigations. Other archaeological finds and features may exist on the development site but away from the areas exposed during the course of this fieldwork. Archaeological Project Services cannot confirm that those areas unexposed are free from archaeology nor that any archaeology present there is of a similar character to that revealed during the current investigation.

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