## ARCHAEOLOGICAL EXCAVATION REPORT

SCCAS REPORT No. 2010/048

## Former CES Building, RAF Mildenhall MNL 610

R. Brooks





## HER Information

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Appendix 1. Context list

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## Summary

An archaeological investigation involving the recording and excavation (where possible), of three trenches and a small surface strip was carried out on the former site of the CES Building, RAF Mildenhall, Suffolk. This revealed evidence of several prehistoric or Roman ditches and pits, one of which produced 2nd century+ pottery. The other prominent features included large, sub-rectangular pits that are thought to be the result of post-medieval chalk extraction for agriculture or construction. These, as well as a disturbed deposit, produced Roman pottery sherds from the 1st to the 4th century and one sherd of Iron Age pottery, all of which appeared to be redeposited. Although sometimes truncated by modern activity, the features were generally well preserved below up to 0.7 m of topsoil and overburden.





## 1. Introduction

An archaeological excavation was carried out during the stripping of previous building footings and for new soak-away drains in advance of the construction of a new car park at RAF Mildenhall. The site had already been stripped and partially truncated by the building contractor prior to archaeological visits being carried out, damaging some of the archaeological deposits. The work was carried out in response to a recommendation issued by Judith Plouviez (Suffolk County Council Archaeological Service, Conservation Team) and was funded by MoD Defence Estates USF.

## 2. The excavation

### 2.1 Site location

The excavation was located on the site of the Former CES Building, adjacent to Building 538, south-west of Canberra Close and north-east of the roundabout for Dakota Road and Lincoln Road, at grid reference TL 6843 7760 (Fig. 1).

### 2.2 Geology and topography

The geology of this area is chalky drift and chalk, but this is overlain in the western half of the site by pale yellow-orange sand. Although the archaeological levels were in places quite disturbed the site itself was relatively level, with only a slight slope towards the north-western edge of the excavation. The site lies at c. 5.5 m above the Ordnance Datum, slightly overlooking the fen edge to the north and north-west.


Figure 1. Location of the site (in red), together with Historic Environment Records mentioned in the text (in blue)

### 2.3 Archaeological and historical background

The site lies in an area of known archaeological importance with features and findspots suggestive of Roman and Bronze Age activity located nearby as shown on Figure 1 and in Table 1. As well as these sites, excavations on Mildenhall airbase and the surrounding area have revealed a complex and extensive network of prehistoric, Roman and Saxon archaeological remains. An excavation was required to investigate and record any occupation evidence prior to destruction by the development on the former CES Building site.

The area is predominantly chalkland, overlooking the nearby fenland to the north-west and west, and sandlands to the east. This would have been a very attractive landscape for early settlers, who could have easily managed the land without the need for the extensive drainage necessary on the fens. Evidence of some of this past occupation is well recorded, including the former Old Way, a cattle droveway that led from Mildenhall town, parallel to the airbase runway and out to the fen edge. Several manorial halls (or the remnants of) and their estates still exist, including Undley Hall, Aspal Hall and Wamill Hall. Various land management techniques have also affected the landscape as it appears today, such as the systematic field drainage systems, (which were most heavily implemented in the 18th century) and extensive ploughing (Various authors, 2008).

| HER code | Description |
| :--- | :--- | :--- |
| MNL 094 | Small group of Roman pottery sherds found. |
| MNL 466 | Bronze brooch of the Hod Hill type without side lugs, 1st century Roman. |
| MNL 490 | 1 pit containing burnt flint, animal bones and Bronze Age pottery. |
| MNL 492 | A single grey sand filled gully which was undated. |
| MNL 505 | Features of Roman potential found along fence line. |
| MNL 509 | Evidence of Roman occupation. |
| MNL 564 | Fragmentary occupation from the Early Bronze Age to Roman periods. |

Table 1. HER listings shown on Figure 1

## 3. Methodology

The site was stripped using a mechanical digger. Much of this occurred prior to visits by a supervising archaeologist and as such in many places the archaeological levels were truncated. The site strip totalled 153.4 sq metres. Various archaeological and disturbed layers overlaid the natural subsoil, which was found at depths of c.0.2-0.7m deep (Figs. 4 and 6). Three trenches were excavated to allow for service pipes and soak-away drains and a fourth area was stripped, revealing an archaeological layer. Trench 1 measured 46.5 m (SW-NE) x 1-2.9m (SE-NW), Trench 2 was 18.4 m (SW-NE) $\times 2-7.9 \mathrm{~m}$ (SE-NW) and Trench 3 was 15.2 m (SW-NE) $\times 2.3 \mathrm{~m}$ (SE-NW). The rest of the site was only roughly stripped, only partially exposing archaeological layers and disturbed footing material. Overall the trenches were excavated to depths of up to c. 0.9 m , which completely truncated many of the archaeological features, leaving them only visible in section. Many other features were also partially truncated. The remaining contexts were then cleaned and excavated by hand where possible, with sample sections dug by hand to investigate isolated contexts or stratigraphic relationships. Where extensive areas of fill were encountered in Trench 2, arbitrary segments were inserted along the trench to define the archaeology. Certain contexts in Trench 1 could not be clearly interpreted as they were not hand excavated. As a result of this, the stratigraphy of some of the deposits in Section 1 was difficult to define.

All finds were retained and exposed areas were metal-detected. No environmental samples were taken for bulk flotation due to the levels of disturbance and the unsuitable nature of the features.

The site was recorded using a single context continuous numbering system (Appendix 1) and planned with a Total Station Theodolite, which was located from OS points. Feature sections were recorded at a scale of 1:20. Digital colour ( $72 \times 72$ dpi, JPEG format) and monochrome film photographs were taken of all stages of the fieldwork, and are included in the archive.

Site data has been input onto the MS Access database and recorded using the County Historic Environments Record code MNL 610. Bulk finds were
washed, marked and quantified, and the resultant data was also entered onto the database. Inked copies of section drawings have also been made.

An OASIS form has been completed (reference no. suffolkc1-56848) and a digital copy of the report submitted for inclusion on the Archaeology Data Service database (http://ads.ahds.ac.uk/catalogue/library/greylit).

The site archive is kept in the main store of Suffolk County Council Archaeological Service at Bury St Edmunds under HER No. MNL 610.

## 4. Results

### 4.1 Introduction

The archaeological levels and natural subsoil lay below up to c. 0.7 m of topsoil and overburden. Across the site there were areas of truncation relating to the building that had recently been demolished, as well as to pipe trenches and other construction works. In much of Trench 1 and in the central area of the site, the natural subsoil was heavily disturbed with blueish-grey silty clay and mid brown sandy material. The stripping revealed up to 6 ditches, 7-8 pits, four other feature cuts and several archaeological deposits and layers.

The archaeological features recorded in the excavation are thought to demonstrate 3 phases of occupation during the prehistoric, Roman and postmedieval periods. Most features could not be very clearly dated due to the lack of, or low quantities of the finds, and much of the pottery was in a heavily abraded condition, suggesting that it was probably redeposited. However many of the features, particularly those in Trench 1, are typical of the later prehistoric and Roman occupation seen locally. As such, this evidence combined with the datable material from the site has been used to infer that these features are from within this period. The low levels of finds may indicate that this was not an area that was intensively occupied, although this may be a result of the truncation caused by the building works and post-medieval activity.


Figure 2. Trench plan


### 4.2 Undated contexts - probably prehistoric or Roman

All of the features and their associated fills in Trench 1, excluding pit 0002, were machine excavated prior to archaeological investigation and as such produced no finds, although they are likely to be late prehistoric or Roman. These include features 0006, 0007, 0008, 0009, 0010, 0100 and 0117, and deposits 0075, 0076, 0077, 0091, 0094, 0095 and 0099. Apart from these features, several other contexts, notably in Trench 2, produced prehistoric, Roman finds and occasional Saxon finds, and these are discussed in the Finds Discussion.

Pit 0006 was a largely truncated feature, seen partially in plan and also in Section 1. It had steep, c. $65^{\circ}$, uneven sides that curved abruptly to a flat base. It measured $1.2 \mathrm{~m}(\mathrm{SW}-\mathrm{NE}) \times 0.35 \mathrm{~m}(\mathrm{NW}-\mathrm{SE}) \times \mathrm{c} .0 .5 \mathrm{~m}$ deep. Five fills (00780082) are associated with the feature. It was surrounded in section by natural subsoil and disturbed material and could not be linked to the other features by its stratigraphy.

Ditch 0007 was only partially visible in Trench 1, emerging from south-eastern Section 1 to the north-east of ditch 0008 and terminating in the middle of the trench. The sides were slightly convex, sloped at $40-45^{\circ}$ and curved gradually to an almost flat base. It measured 0.46 m (SW-NE) x c.0.4m deep. The three fills within the cut, 0096-0098, produced no finds. The section revealed that this ditch cut deposit 0075, but was in turn cut by ditch 0008 .

To the south-west of 0007 ran ditch 0008, on a NW-SE alignment, in Section 1. It contained mottled pale brown silty-sand fill 0083. It measured 0.42 m (SW-NE) $\times 0.3 \mathrm{~m}$ deep. In profile the sides sloped unevenly at $20-25^{\circ}$, before curving gradually to a flat base. This cut 0007, whilst deposit 0095 overlaid it.

Running east-west through the south-west end of Trench 1 was ditch 0009, It was recorded twice in section, on both occasions showing that it was cut by ditch 0010. It had a gradual break of slope at the surface, $45-60^{\circ}$ slightly concave sides and a gradual break of slope to the concave base. It measured $1 \mathrm{~m}(\mathrm{~N}-\mathrm{S}) \times 0.5 \mathrm{~m}$ deep and was filled with dark grey sandy-silt. It was overlain by deposit 0076.

Cutting ditch 0009 in Trench 1 was ditch 0010. This ran on a WNW-ESE alignment, contained fills 0085-0088 and 0102, and was recorded in Sections 001 and 004. It measured 0.8 m wide (NE-SW) $\times \mathrm{c} .0 .52 \mathrm{~m}$ deep. The sides sloped at c. $40^{\circ}$ and were slightly concave, curving round imperceptibly to a gently concave base. It was overlain by deposit 0077 and cut deposit 0076.

Directly to the south-west of 0010 was ditch 0100. It was not visible in plan due to disturbance within the trench, but it could be seen partially cutting through the base of Section 1. The stratigraphic relationships to other contexts were unclear. The sides sloped at c. $35^{\circ}$ and were slightly concave, curving gradually to a rounded, concave base. Although only partially visible it measured $0.54 \mathrm{~m}(\mathrm{NE}-\mathrm{SW}) \times 0.13 \mathrm{~m}$ deep.

The final ditch in Trench 1 is 0117 , in Section 1 which measured 0.64 m (SWNE) $\times$ c. 0.48 m deep. The sides were somewhat uneven, but generally concave, sloping at c. $50^{\circ}$, before curving rapidly to a concave base. It ran on a NW-SE alignment and was located just to the south-west of ditch 0008. It was overlain by deposit 0076, but cut through deposits 0091 and 0095.

Throughout Trench 1 a series of undated deposits were recorded in Section 1. Some of these appeared to be deposits of possible buried occupation soils or feature fills which had been truncated beyond clear interpretation. However others were probably natural deposits, possibly as a result of wind-blown or alluvial action. Deposit 0075 was pale grey-brown sand that overlaid the natural subsoil, but was under ditch 0007. Although cut by this ditch and modern disturbances, it was seen running in the section for 5 m (NE-SW) and was c. 0.2 m deep.

Directly above deposit 0094 and features 0009 and 0117 was deposit 0076. It was made up of pale grey sand and measured 10.7 m (NE-SW) x up to 0.45 m deep, although its diffuse horizon clarity made these dimensions rather unclear.

The uppermost surviving deposit in Trench 1 was 0077. This overlaid ditch 0010 , feature 0100 and deposit 0099 and was made up of brown-grey sand with iron staining. Measuring 10.9 m (NE-SW) x c. 0.44 m deep, it was one of the most substantial deposits. Lens 0084 ran through 0077 towards the southwest end of Section 1. This was felt to represent one of the fills of a feature cutting into 0077 which could not be defined in section apart from by 0084. This layer measured $1.1 \mathrm{~m}(\mathrm{NE}-\mathrm{SW}) \times 0.05 \mathrm{~m}$ deep.

Deposit 0091 was one of the earliest contexts found within Trench 1. It was cut by ditch 0117 and possibly by ditch 0009. It consisted of pale brown sand and measured 2.1 m (NE-SW) x c.0.2m deep.

A small deposit, 0094, was located above deposit 0095 and below 0076 in Trench 1 and was a mottled grey sand measuring $0.46 \mathrm{~m}(\mathrm{NE}-\mathrm{SW}) \times 0.1 \mathrm{~m}$ deep. The shape of the context in section and the colour of the fill suggest it may have been part of a cut feature, although the diffuse interface with 0076 and 0095 meant that this was uncertain.

A layer of probably wind-blown white sand, 0095, was found beneath 0094. It seemed to have formed on top of the final fills of ditches 0007 and 0008, whilst being cut into by possible undefined later features and deposits as shown in Section 1. It was also cut by ditch 0117 and measured 1.75 m (NE$S W) \times 0.19 \mathrm{~m}$ deep.

Deposit 0099 was found at the south-west end of Trench 1. Consisting of white sand, it was very similar to deposit 0095 and may represent the same phase of activity. Only a small area was recorded as surviving in section and measured 0.53 m (NE-SW) $\times 0.16 \mathrm{~m}$ deep. deposit 0077 overlaid it.



Figure 6. Trench 2 Segment 0014


### 4.3 Roman

Various contexts produced Roman pottery, notably 2nd - 3rd century material. However, in some cases this was heavily abraded and is thus thought to be redeposited. Only pit 0002 in Trench 1 is thought to be securely dated to the Roman period, specifically to the late 2nd century or later, although even this produced a fragment of modern wood. It was visible in both sides of the trench, suggesting an oval/sub-circular shape in plan, aligned NW-SE and it measured $2.18 \mathrm{~m}(\mathrm{SW}-\mathrm{NE}) \mathrm{x}>1 \mathrm{~m}(\mathrm{SE}-\mathrm{NW}) \times 0.56 \mathrm{~m}$ deep. Three fills were recorded within the pit. The basal fill was 0005, a mid grey silty-chalk mix, whilst directly above it, 0003 was a mixture of reddish-brown silty-sand that appeared to have been somewhat heated. This context produced the four sherds of datable pottery. The uppermost fill was 0004, a brown silt-sand mix with charcoal flecks.

### 4.4 Post-Roman, possibly post-medieval

The majority of the features excavated on the site are thought to be postRoman and probably post-medieval. These are mainly made up of irregular and sub-rectangular pits, poorly defined soil deposits and one small pit/posthole and were spread across all of Trench 2 and part of Trench 3. A single post-medieval clay pipe was found in one pit fill and small abraded sherds of Roman pottery were found throughout the fills.

Feature 0012 was near the south-west end of Trench 2. It was aligned WSWENE and two sample sections 0017 and 0074 were excavated through it. The profile showed c. $40^{\circ}$, slightly irregular sides, curving gradually to a concave base. In segment 0017, 0012 cut 0015 and was filled with mid grey silty-sand with chalk inclusions, recorded as 0013. Although it was not entirely clear, it appeared in plan to be $>5.29 \mathrm{~m}$ (WSW-ENE) $\times 1.15 \mathrm{~m}$ wide (NNW-SSE) x c. 0.5 m deep and it also ran ENE through segment 0074. Initially it was interpreted as a ditch, but in context with the rest of the features in Trench 2 it is probable that it could actually be one of the sub-rectangular pit-type features found nearby and on the same alignment.

Within segment 0074, 0012 was cut by small oval pit/posthole 0072. This measured $0.42 \mathrm{~m}(\mathrm{NW}-\mathrm{SE}) \times 0.23 \mathrm{~m}(\mathrm{SW}-\mathrm{NE}) \times \mathrm{c} .0 .15 \mathrm{~m}$ deep. Its shape in section was unclear, although the sides were concave, sloped at c. $45^{\circ}$ and curved to a fairly flat base. Fill 0073 was very dark grey silty sand and charcoal, containing two sherds of Roman pottery. It is not clear whether this was a pit or posthole.

To the north-east of 0012, pit 0018 ran through segments 0014 and 0036. It had a slightly irregular sub-square plan and measured 2.83 m (SW-NE) $x$ $>1.37 \mathrm{~m}($ SE-NW $) \times 0.68 \mathrm{~m}$ deep. The profile in segment 0014 was slightly cut by 0019 , but had a c. $25^{\circ}$ slightly concave slope, which curved rapidly to a c. $70-80^{\circ}$ straight slope, which again curved rapidly to the flat base. Although it was not entirely clear due to the similar colouration of the fills, it appeared that pit 0019 cut 0018 in this segment. It was filled with four deposits, demonstrating a more complex stratigraphy than was recorded in segments 0035 , 0032 and 0047 . Fill 0025 was brownish-grey sandy silt with occasional chalk inclusions, and 0023, 0118 and 0119 were mixtures of pale grey siltysand and chalk nodules in differing ratios. The latter three were interpreted as being 'collapse' fills, which may have formed as a result of the sides of the feature falling in. Three sherds of Roman pottery, some of which were abraded, were attributed to 0018, from contexts from 0028 (segment 0014) and 0041 (segment 0036).

Although in plan pit 0019 appears to run into the NW edge of segment 0014, it is thought that it actually ran beyond this, cutting 0018 in section and extending to the SW end of the segment. As such its dimensions were c.8.38m (SW-NE) $\times 1.13 \mathrm{~m}$ (SE-NW) $\times 0.62 \mathrm{~m}$ deep, forming a slightly irregular súb-rectangular shape. In section the feature was irregular. The south-west profile had an imperceptible break of slope at the surface that ran at c. $20^{\circ}$, before curving to a c. $45^{\circ}$ angle, which then gradually curved to the base. The south-east side, however, had an abrupt break of slope at the surface, a c. $60^{\circ}$ angle and was slightly concave, before curving more rapidly to the base, which was slightly uneven, but generally concave. Within segment 0014, 5 fills were recorded, with 0027 as the basal deposit, stratigraphically moving upwards through 0026 to 0024 to 0027 . These were
all mixtures of light-mid grey sandy-silts with differing levels of chalk inclusions. At the south-west end of segment 0014, 0019's uppermost fill was lens 0021, consisting of chalk blocks and a small amount of grey sandy-silt. Within segments 0035, 0032 and 0047, only single fills were recorded in pit 0019. Four contexts produced datable finds, a post-medieval clay pipe from 0034, 2 sherds of mid 2nd century+ pottery from 0029, 10 sherds of late 3rd 4th century, somewhat abraded pottery from 0033 (which filled both 0019 and 0030) and 2 sherds of less closely dated Roman pottery from 0037

Running on an identical alignment to 0019 was pit 0030. It measured $>6.12 \mathrm{~m}$ $(S W-N E) x>0.9 m(S E-N W) \times 0.52 m$ deep, and although its shape in plan was only partially visible, it would appear to be similar to 0019. In section 0030 was also only visible to a certain extent, appearing to have a relatively flat base that curved gradually up to $\mathrm{c} .45^{\circ}$ concave sides. Two associated contexts produced finds. Fill 0039 contained 1 sherd of Roman pottery, whilst 0033 (which filled both 0019 and 0030), produced 10 sherds of late 3rd - 4th century pottery. Four fills, recorded as 0031, 0039, 0049 and 0112, were excavated from the various segments and were often indistinguishable from those of other features, invariably being a mixture of mid grey sandy-silts with chalk inclusions.

In segment 0052 a possible additional large pit was uncovered and recorded as 0053 . Only two sides were partially visible, but these suggested another sub-rectangular feature, aligned either SW-NE or SE-NW measuring $>1.4 \mathrm{~m}$ $(S E-N W) x>0.64 m(S W-N E) \times 0.45 m$ deep. In profile the feature broke abruptly at the surface, sloped at c. $80^{\circ}$ and was slightly concave, before curving gradually to the uneven base. Fills 0054 and 0055 were excavated from segment 0052. Light grey sandy-silt with frequent chalk nodules made up lens 0054, which may actually have been the fill of another small feature, but was poorly defined. The main fill, 0055, was mid brownish-grey sandy-silt which produced pottery from the 1 st century AD, as well as the late 3rd - 4th centuries, some of which was abraded.

Also partially visible in segment 0052, as well as segments 0059 and 0046, was pit 0045. Again this was probably sub-rectangular in plan, having two
sides aligned SE-NW which ran parallel to each other and measuring 1.96 m (SW-NE) $x>1.95 \mathrm{~m}$ (SE-NW) $\times 0.55 \mathrm{~m}$ deep. In section its shape was not entirely clear, but it had a relatively flat base, which curved up gradually to 45 $50^{\circ}$ and slightly concave sides. The top of the profile was never seen, The fills were generally mid brownish-grey sandy-silts with chalk inclusions, and a sherd of 4th century pottery was recovered from near the base.

Running NW-SE across segment 0046 was 0043. It was recorded as a ditch during excavation, although it could also be a large pit as seen elsewhere in the trench. In plan only one smoothly cut edge of the feature was visible and its dimensions are approximate at $>2.18 \mathrm{~m}$ (NW-SE) $x>1.38 \mathrm{~m}$ (NE-SW) $x$ 0.45 m deep. The sections in segment 0046 were a little irregular, although the sides seemed to break gradually at the surface, slope irregularly at c.40-45 and curve gradually to the irregular/concave base. Fill 0044 and lens 0106 were recorded and consisted of greyish-brown silt, and chalk nodules and stones, respectively and contained no finds.

At the north-eastern end of Trench2, two further features were excavated. Feature 0056 was a large and poorly defined cut, which may have been several cuts that could not be identified. In segments 0058 and 0065 the profile was highly irregular, with its sides breaking abruptly or gradually from the surface, sloping between $85-35^{\circ}$, before curving to the very uneven base. It measured up to 6.22 m (NW-SE) $\mathrm{x}>2.65 \mathrm{~m}$ (SW-NE) c. 0.2 m deep. Two similar fills, 0057 and 0064, were excavated of brownish-grey silty-sand with 0057 producing 1 abraded Roman pot sherd. The feature was largely on a NW-SE alignment although at its south-eastern end it curved round, where it was excavated in segment 0062 as feature 0066. This appeared to be aligned SW-NE and it was thought to measure 0.78 m (SW-NE) $\times 0.78 \mathrm{~m}$ (SE-NW) $\times$ 0.4 m deep. It curved rapidly at the surface, and the sides were concave and sloped at $\mathrm{c} .50^{\circ}$, curving gradually to the slightly uneven base. The single fill, 0069, was light-mid grey clayey-sand which also produced one sherd of abraded Roman pottery.

In Trench 3 no actual feature cuts were identified, although two deposits (0071 and 0114) were excavated in segment 0070. The north-eastern half of
the trench was natural chalk and the southern-western half was made up almost entirely of deposit 0114, covered by the layer of chalk 0071. Deposit 0071 was c.0.32m deep and made up of mid grey clayey-sand, which contained post-medieval pottery and ceramic building material. Yellowishwhite chalk 0114 covered 0071 sporadically and was up to 0.08 m thick.

A final deposit, 0063, of dark greyish-brown silty-sand was revealed in a small area between Trenches 1 and 2. It was only partially uncovered but did not appear to be part of a cut feature. Although it produced 69 sherds of pottery, dating from the Late Iron Age throughout the Roman period into the 4th century, most of these pieces were small and highly abraded, indicating that they may have been redeposited, and therefore possibly post-Roman.
However any well worked occupation layer could result in small abraded sherds, and therefore it is possible that this deposit is Roman.

## 5. The finds and environmental evidence

## Cathy Tester

### 5.1 Introduction

Table 2 shows the quantities of finds collected during the excavation. A full quantification by context is included as Appendix 2.

| Ctxt | Pottery <br> No. | Animal bone Oyster shell |  |  |  |  | Miscellaneous | Spotdate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Wt./g | No. | Wt./g | No. |  |  |  |
| 0003 | 4 | 45 | 1 | 8 |  |  | Iron 1-4g, wood 1-2g | LC2+ |
| 0028 | 2 | 17 | 7 | 90 |  |  |  | Rom |
| 0029 | 2 | 170 | 6 | 36 |  |  |  | MC2+ |
| 0033 | 10 | 235 |  |  | 4 | 66 |  | LC3/4 |
| 0034 |  |  | 2 | 7 |  |  | Clay pipe 1-4g; wood 1-5g | g PMed |
| 0037 | C 2 | 23 |  |  |  |  |  | Rom |
| 0039 | $\cdots$ | 11 | 4 | 107 |  |  | Slag 1-5g | Rom |
| 0041 | N 1 | 1 | 2 | 3 |  |  |  | Rom |
| 0048 |  |  | 1 | 2 | 1 | 22 |  |  |
| 0049 | 3 | 12 |  |  | 2 | 14 |  | LC2-MC3 |
| 0050 | 2 | 296 | 1 | 117 |  |  |  | MC2+ |
| 0055 | 5 | 29 |  |  |  |  | LQ 4-11g | LC3/4 |
| 0057 | 1 | 29 | 2 | 21 | 1 | 4 |  | Rom ${ }^{\text {e }}$ |
| 0061 | 1 | 33 |  |  |  |  | Snail 2-5g | C4 |
| 0063 | 69 | 1062 |  |  | 2 | 43 | Slag 2-24g, Iron $2-20 \mathrm{~g}$ | LC3/4, IA |
| 0064 |  |  | 13 | 435 |  |  | Flint 1-153g, Snail $2-4 \mathrm{~g}$ |  |
| 0069 | 1 | 33 |  |  |  |  | Snail 1-2g | Rom |
| 0071 | 1 | 1 |  |  |  |  | CBM 1-8g, Snail $6-14 \mathrm{~g}$ | PMed |
| 0073 | 2 | 18 |  |  |  |  |  | Rom |
| Total | 107 | 2015 | 39 | 826 | 10 | 149 |  |  |

### 5.2 Pottery

## Introduction and methodology

A total of 107 sherds of pottery weighing $2,017 \mathrm{~g}$ was collected from 16 contexts and apart from two sherds, one Iron Age and one post-medieval, all of the pottery is Roman, dating from the 2nd to 4th centuries.

The pottery was quantified by count and weight and estimated vessel equivalent (Eve). The hand-made prehistoric ware was defined by its main visible inclusions and Roman fabric codes were assigned from the Suffolk Roman fabric series. A x10 binocular microscope was used to identify the fabrics. Roman wares were classified using the 'Pakenham' type series (unpublished) which is standard for all SCCAS excavations but is supplemented by Evans' (1991) notes on Horningsea pottery and Goings's (1987) Chelmsford typology. Details of fabric, form and form element were recorded and decoration and surface treatment were also noted. Each 'sherd family' was given a separate entry on an Access database table and an individual spotdate when possible. The full catalogue by context is in Appendix 2.

## Iron Age pottery

A single hand-made bodysherd $(14 \mathrm{~g})$ of probable later Iron Age date was recovered from layer 0063. It is made in a sandy micaceous fabric (HMS) with a burnished or smoothed surface and is not closely datable, but is more likely to be later Iron Age as sand-tempered fabrics were prevalent by that time.

## Roman pottery

In total, 105 sherds of Roman pottery weighing 2,002g and with an estimated vesselequivalent (Eve) of 1.14 based on thirteen measurable rims were collected from 15 contexts in and between Trenches 1 and 2 . The potterywas recovered from seven pits or possible pits (45\%), a layer/deposit (53\%) and four other features (2\%). The largest group came from deposit 0063 which lay between Trenches 1 and 2. The assemblage appears to be the product of a long deposition cycle and the condition of the pottery is often abraded and broken with the result that few forms could be identified.

Seventeen fabrics or fabric groups were identified which include local, regional and imported wares, but the majority of the assemblage consists of local and regional coarsewares. The fabric quantities by category are summarised in Table 3.

| Fabric | Code | No. | \% No | Wt./g | \% Wt | Eve |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Central Gaulish samian (Lezoux) | SACG | 3 | 2.9 | 15 | 0.7 |  |
| East Gaulish samian | SAEG | 3 | 2.9 | 11 | 0.5 |  |
| Total imported finewares |  | 6 | 5.7 | 26 | 1.3 |  |
| Amphora | AA | 8 | 7.6 | 565 | 28.2 |  |
| Total imported coarsewares |  | 8 | 7.6 | 565 | 28.2 |  |
| Black-surfaced wares | BSW | 4 | 3.8 | 20 | 1.0 | 6 |
| Miscellaneous buff wares | BUF | 9 | 8.6 | 99 | 4.9 |  |
| Grey micaceous wares (black-surfaced) | GMB | 10 | 9.5 | 137 | 6.8 | 23 |
| Grey micaceous wares (grey-surfaced) | GMG | 17 | 16.2 | 107 | 5.3 |  |
| Grog-tempered wares (Belgic) | GROG | 1 | 1.0 | 12 | 0.6 |  |
| Miscellaneous sandy grey wares | GX | 29 | 26.7 | 294 | 14.1 | 13 |
| Horningsea grey wares | HOG | 6 | 5.7 | 380 | 19.0 | 16 |
| Horningsea grey wares (black-surfaced variant) | HOGB | 6 | 5.7 | 260 | 13.0 | 31 |
| Miscellaneous red coarse wares | RX | 1 | 1.0 | 12 | 0.6 |  |
| Miscellaneous white wares | WX |  | 1.0 | 3 | 0.1 |  |
| Unspecified colour-coated wares | UCC |  | 1.0 | 3 | 0.1 |  |
| Total local and regional wares | - | 85 | 79.9 | 1327 | 66.2 | 89 |
| Late shell-tempered wares | LSH | 2 | 1.9 | 31 | 1.5 | 7 |
| Nene Valley colour-coated wares | NVC | 3 | 2.9 | 18 | 0.9 | 9 |
| Oxford red colour-coated mortaria | OXRCM | 1 | 1.0 | 33 | 1.6 | 9 |
| Total late specialist wares | - | 6 | 5.7 | 82 | 4.1 | 25 |
| Total pottery so |  | 105 | 100.0 | 2002 | 100.0 | 114 |

Table 3. Pottery fabric quantities

## Imports

Imported finewares consist of six sherds of samian from Central and East Gaulish factories. Three sherds of Central Gaulish samian (SACG) weighing 15 g were recovered. The first is a $\operatorname{Dr} 33$ cup from pit 0053 (0055) which is Antonine and the other two are tiny scraps from pit 0053 (0055) and layer 0063. Three sherds of East Gaulish samian (SAEG) of late 2nd to mid 3rd century date include a Dr 33 cup from pit 0002 (0003) in Trench 1 and two small abraded scraps from two feature fills (0041 and 0049).

Imported coarsewares are amphorae (AA) of probable South Spanish origin. Seven sherds $(536 \mathrm{~g})$ probably from one vessel but very abraded and altered by adverse soil conditions and a long deposition cycle, were recovered from layer 0063. Another sherd (29g) came from pit 0056 in Trench 2 (0057).

## Local and regional wares

Local and regional coarsewares make up $79 \%$ of the sherds, $66 \%$ of the weight and $78 \%$ of the assemblage Eves and are characterised by several broad greyware fabric groups which are typically predominant in this part of the county.

The earliest piece is a single abraded bodysherd of 'Belgic' grog-tempered ware (GROG) which belongs to the first half of the 1 st century AD. It was found in deposit 0063 with later-dated pottery.

Four sherds of Black-surfaced wares (BSW) from deposit 0063 include a jar, (diameter 140 mm ) and non-diagnostic bodysherds from three separate vessels.

Micaceous wares in the grey (GMG) and black-surfaced (GMB) variants account for $25.7 \%$ of the count and $12.1 \%$ of the assemblage weight. GMB forms identified are a Type 6.18 bead-rimmed dish and an uncertain dish base which are early or mid 2nd to mid 3rd century and an uncertain jar. GMG forms identified are a Type 6.15 curved rim dish but the rest of the sherds are non-diagnostic and often abraded bodysherds.

Miscellaneous sandy grey wares (GX) account for $26.7 \%$ of the sherd count and $14.1 \%$ of the weight. Rims from three uncertain jars and a body sherd from a globular beaker with barbotine dot panel decoration were identified but most of the sherds are abraded bodysherds.

Horningsea wares in the standard (HOG) and black-surfaced HOGB) variants account for $11.5 \%$ sherds, nearly a third of the weight ( $32 \%$ ) and $41 \%$ of the assemblage Eves. HOG forms identified are storage jars including an Evans Type 3 bifid-rimmed jar and two other less certain forms, one with bands of combing. HOGB forms identified include rims from three separate jars including two Evans Type 24-29 beaded everted rim jars with diameters of 160 mm and 200 mm .

The rest of the fabrics are oxidised. Nine miscellaneous buffware (BUF)
bodysherds from three separate vessels, possibly flagons, were recovered from pits 0019 or 0030 (0033) and layer 0063. All are abraded and very affected by adverse soil conditions. Single red coarseware (RX) and white coarseware (WX) bodysherds were also recovered from layer 0063.

## Late specialist wares

Provincially-traded specialist wares which characterise the late and latest Roman period were recovered from four features and account for a small proportion of the pottery assemblage, $5.7 \%$ of the sherds, $4.1 \%$ of the weight and $21 \%$ of the assemblage Eves. They include three fabric groups, Late shell-tempered wares (LSH) and Nene Valley colour-coated wares (NVC) which both date broadly to the late 3rd or 4th century, and Oxfordshire red colour-coated ware mortaria (OXRCM) which belongs to the 4th century.

Late shell-tempered wares (LSH) are represented by a jar rim from 0033 and a very abraded bodysherd from layer 0063. Nene Valley colour-coated wares (NVC) include single sherds from three beakers, one an indented form from pit 0053 (0055) and two less certain forms from layer 0063. A single Oxfordshire red colour-coated mortarium (OXRCM) with a squared-off bead and flange rim (Going Type D7) was recovered from the basal fill of possible pit 0045 (0061).

## Post medieval pottery

A small sherd of tin-glazed earthenware (TGE) of 16th to 18th century date was collected from layer 0071 excavated in Trench 3.

### 5.3 Ceramic Building Material (CBM)

A single small fragment $(8 \mathrm{~g})$ of burnt post-medieval tile made in a medium sandy fabric with few other inclusions was recovered from layer 0071 in Trench 3.

### 5.4 Miscellaneous

## Clay tobacco pipe

A fragment of clay tobacco pipe stem was recovered from the fill of pit 0019 in segment 0032 (0034).

## Flint

A semi-spherical flint nodule (153g) used as a hammerstone was collected from pit 0056 (0064). The piece is probably later prehistoric and has a band of cortex (c. 30\%) surviving around the middle and is battered through use on the non-cortical surfaces.

## Slag

A small fragment ( 5 g ) of non-metallurgical fuel ash slag was collected from the fill of pit 0030 in segment 0035 (0039). Two non-diagnostic fragments $(24 \mathrm{~g})$ of ferrous slag were recovered from layer 0063.

## Lava quern

Four small fragments (11g) of lava stone were collected from pit 0053 (0055).
The stone is grey vesicular lava which is almost certainly of Rhenish origin although its exact source cannot be confirmed. Although the pieces are too small and fragmentary to have any distinguishing features, the material is presumed to come from a hand-operated rotary quern which by association could be Roman or later.

### 5.5 Small Finds and metalwork

Two items were recorded as small finds. The first (SF 1001) is a copper alloy buckle frame measuring $21 \mathrm{~mm} \times 33 \mathrm{~mm}$ with a central bar. The inside loop is rectangular and the larger outside one is oval. Although the frame is complete, it is quite corroded and details such as a possible notch for the pin are missing. The buckle is probably post-medieval and was recovered from pit 0019 segment 0032 (0034) which also contained clay pipe and modern wood. The second piece (SF 1002), a flat fragment of iron measuring 49mm $\times 14 \mathrm{~mm}$ and of unknown date and function was recovered from the unexcavated surface of pit 0019 between segments 0032 and 0035 .

Three iron nails, one from pit 0002 (0003) and two from layer 0063 are not closely datable but were found in association with Roman pottery.

### 5.6 Environmental evidence

## Animal bone

Thirty-nine fragments of animal bone weighing 826 g were collected from ten contexts, mainly the fills of pits or linear features, most of them in Trench 2. Nearly all of the bone was found in association with Roman-dated finds and is probably Roman as well. One context (0034) was post-medieval. The overall preservation is only fair and almost all of the bone is heavily iron-stained, a 'rusty' red-brown colour and most of the remains are root-marked. Counts and weights were noted for each context, the bone was recorded by species and notes were made of the elements present, age and condition of the bone. The list by context with broad identifications of species and other notes is shown in Table 4.

| Ctxt | No. | Wt./g | Species | Notes |
| :---: | :---: | :---: | :---: | :---: |
| 0003 | 1 | 8 | cattle | vertebra (juvenile) |
| 0028 | 7 | 90 | cattle | 2teeth (fe stained) |
| 0029 | 6 | 36 | unid | large mammal longbone, mandible (fe stained) |
| 0034 | 2 | 7 | sheep | tooth and lower limb |
| 0039 | 4 | 107 | sheep cattle | tibia incomplete epiphyseal union astragalus |
| 0041 | 2 | 3 | unid | scraps |
| 0048 | 1 | 2 | unid | unidentified |
| 0050 | 1 | 117 | cattle | Metatarsal (fe stained) root marked deteriorating |
| 0057 | 2 | 21 | sheep | tibia and vertebra |
| 0064 | 13 | 435 | horse unid | metatarsal, ulna, vertebrae large mammal long bones chopped |
| Total | 39 | 826 |  |  |

Table 4. Animal bone by context
Species identified include cattle, horse, and sheep, but cattle were most common. A cattle vertebra from pit 0003 and a sheep tibia from pit fill 0039 have incompletely fused epiphyseal unions indicating young individuals. The largest single group, with 13 pieces including a number of horse elements, came from the fill of pit 0056 (0064) which contained no datable finds. The assemblage is far too small for any meaningful analysis, but the range of species and elements present suggests that it most likely represents the dumping of domestic food waste.

## Shell

Ten fragments of oyster shell weighing 149 g were collected from five contexts, four of them in Trench 2 and the rest from layer 0063 between Trenches 1 and 2.

Five snail shells identified as cepaea nemoralis, a land snail found in grassland, hedgerows and woodland, were collected from three contexts in Trench 2, possible pit feature 0045 (0061), pit 0056 (0064) and feature 0066 (0069). Six snail shells identified as land snail helix aspersa were recovered from layer 0071 excavated in Trench 3.

## Wood

Two small fragments $(7 \mathrm{~g})$ of modern wood were collected from pit 0002 in Trench 1 (0003) and pit 0019 in Trench 2 (0034). Both were discarded.

### 5.7 Discussion of the finds and environmental evidence

The evaluation/excavation produced a modest group of finds from 19 contexts which represent activity on this site mainly during the Roman period and limited activity during the prehistoric and post-medieval periods. Finds were collected from single contexts in Trenches 1 and 3, 16 contexts in Trench 2 and from a layer or deposit (0063) between Trenches 1 and 2.

The earliest finds are a flint hammerstone which is later prehistoric and a single sherd of hand-made prehistoric pottery of probable Late Iron Age date. Both were found with later-dated material.

The majority of the finds date to the Roman period suggesting that occupation was more intensive during the 2nd to 4th centuries. The pottery supply includes a small amount of imported finewares and coarsewares from Central and East Gaul and southern Spain but is dominated by local or regional coarsewares which include the broad greyware fabric groups which are typically predominant in rural assemblages in this part of the county.

The assemblage appears to be the product of a long deposition cycle and the condition of the pottery is often abraded and broken with the result that fewer
forms could be identified. With a broad date range of 2nd to 4th century, the pottery assemblage includes only a few pieces that could be earlier and it also includes specialist wares that belong to the late and latest Roman period. It is notable that more than half of the pottery ( $64 \%$ of the sherds and $52 \%$ of the weight) came from deposit/layer 0063.

The animal bone assemblage was found in association with Roman-dated finds and is probably Roman as well. Preservation was only fair but the range of species and the elements identified are typical of a rural assemblages in this part of the county and suggest that this assemblage represents the disposal of domestic food waste.

Later finds are few and consist of post-medieval material. Single fragments of CBM, tin-glazed pottery, clay pipe and a copper alloy buckle are all likely to have reached the site through casual loss or non intensive activities such as manuring.

## 6. Discussion

Throughout the trenches varying levels of modern truncation relating to the former CES building, as well as the current construction activity, were present. However below this and in section, the archaeology was well preserved. This revealed different levels and types of occupation throughout the first two trenches.

The features uncovered in Trench 1 are typical of some aspects of the wider archaeological landscape often seen on the airbase and more widely within Mildenhall, Lakenheath and the fen edge. This is typified by Late Iron Age and Roman activity in the form of ditches and pits, which are usually interpreted as representing field systems, transient boundaries and general agricultural and occupation activities. The lack of finds associated with the features on this site makes it difficult to firmly date these features. However, pit 0002 was dated to the late 2 nd century+ and the presence of high levels of abraded Roman pottery from Trench 2 suggests the presence of Roman features that had then
been truncated by later activity. The amount of pottery from deposit 0063, which is dated from the Late Iron Age to the 4th century AD, is also evidence of varying levels of occupation from prehistory and throughout the Roman period on, or near to, the site.

There is a notable lack of prehistoric pottery within the overall assemblage, with only one sherd being recovered from 0063. The significance of this in relation to the site as a whole is unclear, given the small size of the sample area, much of which was disturbed. However, if the material recovered is a representative sample, then this may indicate a lower intensity of prehistoric occupation on this site than seen nearby.

The features revealed in Trench 2 are unusual, being dug in a systematic manner that appeared to exploit as much of the area as possible. Although unconfirmed, it is thought that these features were almost certainly postRoman and probably post-medieval, partly because a post-medieval clay pipe fragment and buckle frame (SF 1001) were found within fill 0034 of pit 0019. In addition it appears that these unusually-shaped pits were dug into the hard subsoil and in a highly intensive manner in order to quarry the chalk. Whilst quarrying did occur before the post-medieval period, notably in the Roman phase, the levels revealed here suggest unusually intensive behaviour, which could show that the material was being used in relatively large scale agriculture or for nearby construction.

It is unclear what the deposits in Trench 3 actually represent, although it is thought that they are post-medieval. They may represent further chalk pits that were not as clearly defined as those in Trench 2, but this is uncertain as no clear cút was determined in plan or section and the main deposit, 0071, seemed to be heavily disturbed.

## 7. Conclusions and significance of the fieldwork

Excavation on the site has identified some well preserved archaeology in the general area, despite some truncation. In particular, the features in Trench 1 were important in indicating the extent and density of Roman and possibly prehistoric occupation in this part of the airbase, even under formerly built-up sites. As such, it seems likely that either the ditch boundaries often found around prehistoric and Roman settlements, or the rectilinear field systems from these periods were present on this site. It is also likely that Roman and probably Iron Age occupation extended across the base from the larger and more intensively excavated sites such as MNL 532 and MNL 479 (Brooks and Tester, in prep., and Caruth, 1996, respectively).

The pit digging in Trench 2 was quite distinctive, and appears to have been for chalk extraction, an aspect of the post-medieval economy that was particularly important to this local area. Chalk lump was used in the construction of buildings from the medieval period and internal vaulting in church building was often made of clunch rather than limestone as it was softer and easier to mine. From the post-medieval period clunch was exported from Lakenheath village via the fenland lodes and can still be seen in buildings at Lakenheath, Mildenhall and Thetford (Sussams, 1996). However, these pits were relatively shallow, and much of the extracted material would have been weathered, and not extractable in large blocks, and therefore not ideal for building construction. It is therefore more likely that in this case the chalk was being extracted for lime, either for agricultural use, or for burning for the production of mortar.

It is difficult to expand further on the archaeology due to its truncation by the building works that were occurring around the excavation, which also stopped a full investigative programme from being carried out. There is little doubt that had this not been the case, a much more extensive range of features and a more effective dating framework would have been established.

## 8. Archive deposition

Paper and photographic archive: SCCAS Bury St Edmunds T:arc\Archive field projlMildenhall\MNL 610 Former CES Building.

Finds and environmental archive: SCCAS Bury St Edmunds. Store Location: I/97/3, small finds: SS/11/5 Misc.

## 9. List of contributors and acknowledgements

The excavation was carried out by a number of archaeological staff, (Andrew Tester, Rob Brooks and Jonathan Van Jennians) all from Suffolk County Council Archaeological Service, Field Team. The project was directed and managed by Andrew Tester, who also provided advice during the production of the report.

The post-excavation was managed by Richenda Goffin. Finds processing was carried out by Gemma Adams, who also worked on the production of site plans and sections with Crane Begg. The specialist finds report was written by Cathy Tester. The report was checked by Jo Caruth and Richenda Goffin.

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| App | endix <br> Feature | Segment | text <br> Trench | list <br> Identifier |  |  | Over | Under |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0001 | 0001 |  |  | Finds | Unstratified | Unstratified finds. None collected. |  |  |
| 0002 | 0002 |  | 1 | Pit | Cut | Pit cut in Trench 1 that was machine excavated before archaeological investigation took place. Photographed. |  | 0005 |
| 0003 | 0002 |  | 1 | Pit | Fill | Fill of pit 0002. Red/brown, burnt silt and sand mix. Excavated by machine. | 0005 | 0004 |
| 0004 | 0002 |  | 1 | Pit | Fill | Fill of pit 0002. Brown silt/sand mix, flecked with charcoal. No finds. Excavated by machine. | 0003 |  |
| 0005 | 0002 |  | 1 | Pit | Fill | Fill of pit 0002. Mid grey silty/chalky mix. No finds. Excavated by machine. | 0002 | 0003 |
| 0006 | 0006 |  | 1 | Pit | Cut | Pit cut in Trench 1. Top of cut truncated by disturbance. Machine excavated before archaeological investigation took place. Sides slope at c. $75^{\circ}$, before curving abruptly to a flat base. Fills $=0078-82.1 .2 \mathrm{~m}(\mathrm{SW}-\mathrm{NE}) \times 0.35 \mathrm{~m}$ visible extent (NW-SE) x c.0.5m deep. |  | 0082 |
| 0007 | 0007 |  | 1 | Ditch | Cut | Ditch cut seen in south-east side of Trench 1, north-east of ditch 0008. Machine excavated before archaeological investigation took place. Sides are slightly convex and slope at $40-45^{\circ}$, before curving to an almost flat base. 0.46 m (SW-NE) x c.0.4m deep. | 0075 | 0098 |
| 0008 | 0008 |  | 1 | Ditch | Cut | Ditch cut seen in north-west and south-east sides of Trench 1, south-west of 0007 and north-east of 0005. Machine excavated before archaeological investigation took place. Irregular sides which slope at c.30-40 and curve round to a concave, rounded base. The cut had preserved shovel marks still visible. 0.42 m (SW-NE) x c. 0.2 m deep. | 0096 | 0083 |
| 0009 | 0009 |  | 1 | Ditch | Cut | Oblique ditch cut seen in north-west and south-east sides of Trench 1, south-west of 0005. Machine excavated before archaeological investigation took place. Only one side of feature visible in section, which sloped at c.50-55 and was slightly concave. It curved abruptly to a flat base. $1 \mathrm{~m}(\mathrm{~N}-\mathrm{S}) \times \mathrm{c} .0 .5 \mathrm{~m}$ deep. |  | 00900103 |
| 0010 | 0010 |  | 1 | Ditch | It | Oblique ditch cut seen in north-west and south-east sides of Trench 1, south-west of 0005. Machine excavated before archaeological investigation took place. Sides are convex and slope at c. $35-50^{\circ}$, then curve abruptly to a flat base. $0.8 \mathrm{~m}(\mathrm{NE}-\mathrm{SW}) \times \mathrm{c} .0 .55 \mathrm{~m}$ deep. | $\begin{aligned} & 0076 \\ & 00900102 \end{aligned}$ | 0088 |



| Context | Feature | Segment | Trench | Identifier |  |  | Over | Under |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0023 | 0018 | 0014 | 2 | Pit SJ |  | Fill of pit 0018 in segment 0014. Made up of dense, slumped chalk. Finds - see 0028. Excavated using trowel and shovel. | 0025 | 0118 |
| 0024 | 0018 | 0014 | 2 | Pit | Fill | Fill of pit 0018 in segment 0014. Light grey sandy silt. Excavated using trowel and shovel. Finds - see 0028. | 0026 | 0022 |
| 0025 | 0018 | 0014 | 2 | Pit | Fill | Basal fill of pit 0018 in segment 0014. Grey/brown sandy silt. Frequent chalk nodules. Finds - see 0028. Excavated using trowel and shovel. | 0119 | 0023 |
| 0026 | 0019 | 0014 | 2 | Pit | Fill | Fill of pit 0019 in segment 0014. Light grey sandy silt. Less chalk than 0024, but still regular nodule inclusions. Finds - see 0029. Excavated using trowel and shovel. | 0027 | 0024 |
| 0027 | 0019 | 0014 | 2 | Pit | Fill | Basal fill of pit 0019 in segment 0014. Mid grey sandy silt. Occasional chalk flecks. Finds - see 0029. Excavated using trowel and shovel | 0019 | 0026 |
| 0028 | 0018 | 0014 | 2 | Linear Feature | Finds | Finds from segment 0014. They were found in the south-west part of the segment and are probably from the fills of feature 0018 and include pottery and bone. |  |  |
| 0029 | 0019 | 0014 | 2 |  | Finds | Finds from segment 0014. They were found in the north-east end of the segment and are probably from feature 0019. They consist of pottery and bone. |  |  |
| 0030 | 0030 | $\begin{aligned} & 00320035 \\ & 00360047 \end{aligned}$ | 2 | Pit | Cut | Cut of pit south of 0019. Excavated in segment 0046 and 0032 along with [0019]. Base flat. Sides not fully visible. Relationship with 0019 is unclear, however in segment 0035 it appears that 0030 cuts $0019 .>1.2 \mathrm{~m}$ (NW-SE) x $>7.7 \mathrm{~m}$ (NE-SW) x c.0.32m deep. May be the same as/confused with feature 0020. | 0038 | $\begin{aligned} & 00310039 \\ & 00410115 \end{aligned}$ |
| 0031 | 0030 | 0032 | 2 | Pit | Fill | Fill of pit 0030 in segment 0032. Mid grey/brown sandy silt. Slightly more chalky at the top and browner at the base. Finds - see 0033. | 0030 | 0112 |
| 0032 | 00190030 | 0032 | 2 |  | Segm | Excavated segment of full width of trench. Through feature 0019 and Pit 0030. North-east of segment 0035. 0.6m wide $\times 2 \mathrm{~m}$ long (NNW-SSE) $\times 0.4 \mathrm{~m}$ deep. Photographed. |  |  |
| 0033 | 00190030 | 0032 | 2 | Pit | finds | Mixed finds from pit fills 0034 and 0031 as excavated in segment 0032 . Fills and features could not be differentiated during excavation. Finds consist of pottery, bone and 'other'. |  |  |



| Context | Feature | Segment | Trench | Identifier | Type |  | Over | Under |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0045 | 0045 | 00460059 | 2 | Pit | $8^{8}$ | Possible pit cut in segments 0046 and 0059. Shape unclear as it can only be partially seen in segment 0046, though in 0059 it is very steep-sided with a flat base. One north-west to south-east edge visible. $>2 \mathrm{~m}$ (SW-NE) $x$ $>1.4 \mathrm{~m}$ (SE-NW) x c. 0.55 m deep. |  | 00500107 |
| 0046 | 00430045 | 0046 | 2 |  | Segment | Segment of pit 0043 and pit 0045. Appears to show 0043 cutting 0045 in section. |  |  |
| 0047 | 00190030 | 0047 | 2 |  | Segment | Segment thought feature 0019 and ditch 0030 . Shows terminus of 0019 and a continuation of 0030 . Located north-east of segment 0032. Segment measures 0.55 m wide (NE-SW) $\times 2 \mathrm{~m}$ long (SE-NW) $\times 0.4 \mathrm{~m}$ deep. Photographed. |  |  |
| 0048 | 0019 | 0047 | 2 | Pit | Fill | Fill of feature 0019 as excavated in segment 0047. Mid grey/brown sandy silt. More chalky than the fill of 0019 excavated in segment 0032. Contained bone and 'other'. Excavated using trowel, shovek and fork. | 0019 |  |
| 0049 | 0030 | 0047 | 2 | Pit | Fill | Fill of pit 0030 as excavated in segment 0047 . Mid grey/brown silty sand. 0.4 m deep. Excavated using trowel, shovel and fork. Contained pottery, bone and 'other'. | 0030 |  |
| 0050 | 0045 | 0046 | 2 | Pit | Fill | Fill of pit 0045 in segment 0046 . Fill spans whole width of trench. Mixture of grey and brown silt. Several layers included in this fill, but the interfaces were difficult to define durring excavation. | 0045 |  |
| 0052 | 0053 | 0052 | 2 |  | Segment | Segment of feature 0053. 2-part section drawn, including trench profile. Planned at 1:20. 0.7 m wide. Digital photograph only. |  |  |
| 0053 | 0053 | 0052 | 2 | Pit | Cut | Feature cut that was only partially seen in segment 0052. Looks sub-rectangular in plan, like 0018. Near-vertical sides in places, but only $40^{\circ}$ slope on its north-east side. Sides curve round to a flat base. 1.38 m (NW-SE) $\mathrm{x}>0.62 \mathrm{~m}$ (NE-SW) x 0.45 m deep. |  | 0055 |
| 0054 | 0053 | 0052 | 2 | Pit | Fill | Lens fill within feature 0053. Unusual material for this site. Light grey sandy silt with frequent chalk nodules. May not be a fill of 0053 as it seems awkwardly positioned above it. Excavated using trowel and shovel. | 0055 | 0110 |
| 0055 | 0053 | 0052 | 2 | Pit | Fill | Fill of 0053, segment 0052. Mid grey sandy silt. Regular chalk flecks. Frequent Fe staining. Occasional stones. Contained pottery, bone and lava quern. Excavated using trowel and shovel. | 0053 | 0054 |
| 0056 | 0056 | 0058 | 2 | Pit | ut | North-north-west to south-south-east running ditch in north-eastern end of Trench 2. Relationship to 0066 unclear. 2.6 m (SW-NE) x c.0.2m deep. |  | 00640113 |


| Context | Feature | Segment | Trench | Identifier |  |  | Over | Under |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0057 | 0056 | 0058 | 2 | Pit St | Fill | Fill of pit 0056 as excavated in segment 0058 . Mid greyish-brown silt. Contained pottery, bone and flint. Excavated using trowel and shovel. 0.2 m deep. | 0113 |  |
| 0058 | 0056 | 0058 | 2 |  | Segment | 0.5 m wide excavated segment through pit 0056, near south-east side of north-east end of Trench 2.0 .5 m wide x 1.6 m long $\times 0.2 \mathrm{~m}$ deep. Photographed. |  |  |
| 0059 | 0045 | 0059 | 2 |  | Segment | North-north-east to south-south-west aligned segment through 0045, linking segments 0046 and 0052 . Shows no relationships. In this segment 0045 had approximately $70^{\circ}$ concave sides, which curved to a fairly flat base. Drawn and planned at $1: 20.0 .5 \mathrm{~m}$ wide $\times 1.8 \mathrm{~m}$ long (NNE-SSW). Photographed. |  |  |
| 0060 | 0045 | 0059 | 2 | Pit | Fill | Top fill of 0045 in segment 0059. Mid grey/slightly brown clayey-silty-sand mix. Occasional chalk flecks, stones and Fe staining. Excavated using trowel and shovel. | 0061 |  |
| 0061 | 0045 | 0059 | 2 | Pit | Fill | Basal fill of 0045 in segment 0059. Mid grey/slightly brown clayey sand. More clay and thus firmer than 0060. Occasional stones and chalk flecks. Frequent Fe staining. Contained pot and mollusc shell. Excavated using trowel and shovel. | 0045 | 0060 |
| 0062 | 0066 | 0062 | 2 | Pit | Segment | Segment of 0066. Also shows soil layers 0067 and 0068. 0.96 m wide (NNW-SSE) $\times 0.5 \mathrm{~m}$ long (ENE $\times$ WSW). Photographed. |  |  |
| 0063 | 0063 |  |  | Layer |  | Layer seen in a machine strip for road. Finds collected from area between Trenches 1 and 2 and recorded on TST plan. Deeper area uncovered where concrete footing blocks were also removed- from south-west quadrant of site. Shows dense archaeology in western half of site. Layer could not be interpreted as only seen in limited area, and |  |  |
| 0064 | 0056 | 0065 | 2 | Pit | Fill | Fill of pit 0056 in segment 0065. Grey brown siltsand. | 0056 |  |
| 0065 | 0056 | 0065 | 2 |  | Segment | Segment across 0056. Vaguely linear feature running NW-SE. Photographed. |  |  |
| 0066 | 0066 | 0062 | 2 | Linear feature |  | Feature in east corner of Trench 2. Only partially seen as goes into baulk. Possibly a linear feature aligned southwest to north-east. One side seen, which sloped at $\mathrm{c} .65^{\circ}$, was concave, and curved round to an uneven base. Cut into chalk. Only excavated in segment 0062. $0.72 \mathrm{~m}(\mathrm{NW}-\mathrm{SE}) \times 0.8 \mathrm{~m}(\mathrm{NE}-\mathrm{SW}) \times 0.4 \mathrm{~m}$ deep. Interpretation - |  | 0069 |
| 0067 | 0067 | 0062 | 2 | Layer | Deposit | Top soil layer in segment 0062. Dark brown silt/sand/clay mix. Intermittent light brown sand lens running through. C. 0.2 m deep. Machine excavated. Interpretation - disturbed buried topsoil: | 0068 | Mod |


| Context | Feature | Segment | Trench | Identifier | Type | Description | Over | Under |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0068 | 0068 | 0062 | 2 | Layer | Deposit | Layer in segment 0062. Mid grey/brown silt/sand/clay mix. Lens of chalk nodules at base. Occasional other chalk nodules and stones. Machine excavated. Interpretation - buried topsoil or plough soil. | 0069 | 00670105 |
| 0069 | 0066 | 0062 | 2 | Feature | Fill | Fill of feature 0066 in segment 0062. Light-mid grey silt/sand/clay mix. Occasional chalk nodules and stones. Fe staining throughout. Contained pottery and mollusc shell. Excavated using trowel and shovel. Detected. | 0066 | 0068 |
| 0070 | 0070 | 0070 | 3 |  | Segment | Segment in Trench 3. Does not reveal whether the material being excavated - 0071 - is feature fill, a buried topsoil/rubbish deposit, or a natural accumulation. Also has a top lens of slightly yellow chalk nodules and chalk powder, which gets thicker further north-east along the trench and was initially thought to be the natural subsoil. 0.5 m wide ( $\mathrm{NE}-\mathrm{SW}$ ) $\times 2.0 \mathrm{~m}$ long (NW-SE). Digital photograph only. |  |  |
| 0071 | 0071 | 0070 | 3 | Layer | Fill/deposit | Mid grey silt/sand/clay found in segment 0070 . Uncertain if this is a man made 'fill' or a natural accumulation. Contained post-medieval pottery and mollusc shell. Several fragments of modern looking wood were also found. Excavated using trowel and shovel. Detected. |  | 0114 |
| 0072 | 0072 | 0074 | 2 | Pit | Cut | Cut of rounded feature at western end of Trench 2 and east of segment 0017. The edge of the cut was very unclear. 0.42 m (NW-SE) $\times 0.23 \mathrm{~m}$ (NE-SW) $\times \mathrm{c} .0 .15 \mathrm{~m}$ deep. | 0109 | 0073 |
| 0073 | 0072 | 0074 | 2 | Pit | Fill | Fill of feature 0072 in segment 0074 . Very dark grey silty sand and charcoal. Contained pottery. Excavated using trowel and shovel. | 0072 |  |
| 0074 | $\begin{aligned} & 00120015 \\ & 0072 \end{aligned}$ | 0074 | 2 |  | Segment | Zig-zag shaped segment of features 0012,0015 \& 0072 . No difference in the fill, except where feature 0072 appears. |  |  |
| 0075 | 0075 |  | 1 | Layer | Deposit | Layer seen in Trench 1. Truncated by modern disturbance. Above the natural sand and below archaeological layer 0076. Pale grey/brown sand. Excavated by machine prior to archaeological investigation. |  | 0007 |
| 0076 | 0076 |  | 1 | Layer | Deposit | Deposit seen in Trench 1. Excavated by machine prior to archaeological investigation. Truncated by modern disturbance. Mid grey sand. Intrepretation - truncated archaeological soil layer. | $\begin{aligned} & 0090 \\ & 0093 \\ & 00940102 \end{aligned}$ | 0010 |
| 0077 | 0077 |  | 1 | Layer | Deposit. | Layer seen in Trench 1. Excavated by machine prior to archaeological investigation. Truncated by modern disturbance. Brown-grey sand streaked with Fe staining. | $\begin{aligned} & 0085 \\ & 00990101 \end{aligned}$ |  |
| 0078 | 0006 |  | 1 | Pit |  | Top fill of pit 0006. Mid grey silty sand with chalk. Excavated by machine prior to archaeological investigation. $1.2 \mathrm{~m} \times 0.25 \mathrm{~m}$ deep. | 0079 |  |





| Context | Feature | Segment | Trench | Identifier |  |  | Over | Under |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0113 | 0056 | 0058 | 2 | Pit | Fill | Basal lens in pit 0056, segment 0058. Made up of small stones. | 0056 | 0057 |
| 0114 |  | 0070 | 3 | Layer | Deposit | Top layer seen in segment 0070. Made up of small yellow chalk nodules and chalk powder. | 0071 |  |
| 0117 | 0117 |  | 1 | Ditch | Cut | Ditch located between 0008 and 0009 in Trench 1. Runs NW-SE. 0.64 m (SW-NE) x c.0.5m deep. | 00910095 | 0076 |
| 0118 | 0018 | 0014 | 2 | Pit | Fill | Fill in segment 0014. Made up of dense, slumped chalk. Less dense than 0023. Finds - see 0028. Excavated using trowel and shovel. Interpretation - probably the uppermost surviving fill of 0018, that is cut by 0019. | 0023 | 0019 |
| 0119 | 0018 | 0014 | 2 | Pit | Fill | Fill of pit 0018 in segment 0014. Made up of dense, yellowish-white slumped chalk. Less dense chalk than 0032. Finds - see 0028. Excavated using trowel and shovel. Interpretation - collapse fill of 0018. | 0018 | 0025 |







## Appendix 2 Pottery (MNL 610)

| Ctxt | Fabric | Sherd | Form | No. | Wt./g | Notes |
| :--- | :--- | :--- | :--- | ---: | :--- | :--- |
| 0003 | GMB | r | jar | 1 | 15 | (140mm, 12\%) |
|  | GX | b |  | 1 | 7 | Abraded |


| Ctxt | Fabric | Sherd | Form | No. | Wt./g | Notes | Spotdate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0063 | GX | b |  | 1 | 19 | Residue on ext, limescale on int. surf. | Rom |
|  | GX | ba |  | 1 | 60 | Base type 1 (45mm, 100\%) | Rom |
|  | HOG | b | SJar | 2 | 34 | C7 dec | MC2+ |
|  | HOGB | r | jar | 1 | 13 | Jar rim (160mm, 9\%) | MC2+ |
|  | HOGB | r | 4 Jar | 1 | 23 | Evans 24-29 jar bead everted rim (160mm,17\%) | $\mathrm{MC} 2+$ |
|  | HOGB | $r$ | 4 Jar | 1 | 9 | Evans 24-29 jar.Bead everted rim (200mm,5\%) | $\mathrm{MC} 2+$ |
|  | LSH | b |  | 1 | 17 | V abraded | LC3/4 |
|  | NVC | r | 3.3 | 1 | 7 | Indented beaker (90mm,9\%) Abraded | LC3/4 |
|  | NVC | b | 3 beaker | 1 | 5 | Abraded | LC3/4 |
|  | RX | b |  | 1 | 12 | Orange-buff | Rom? |
|  | SACG | b |  | 1 | 1 | <1g | Had-Ant |
|  | UCC | b |  | 1 | 3 | Fine dense pinkish red fab barb. dashes horiz row | Rom |
|  | WX | b |  | 1 | 3 | Abr NVC? | Rom |
|  | HMS | b |  | 1 | 14 | Micaceous fabric (HM-WF?) | L. IA |
| 0069 | HOG | b |  | 1 | 33 | V abr and worn | Rom |
| 0071 | TGE | b |  | 1 | 1 |  | PMed |
| 0073 | GMB | b |  | 2 | 18 | 2 sep vess. | Rom |

Key: b = bodysherd, ba = base sherd, $\mathrm{r}=$ rim sherd


[^0]:    Appendix 2. Pottery

