



**Hinderclay, Suffolk**

**Excavations by Suffolk Institute of Archaeology  
and History Field Group**

**HNY 034**

**Heather Wallis  
July 2019  
HW Report No. 243**



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|---------------------|-------------------------------------|
| <b>Project name</b> | <b>Hinderclay</b>                   |
| <b>Site Code</b>    | <b>HNY 034</b>                      |
| <b>Grid Ref.</b>    | <b>TM 0375 7711</b>                 |
| <b>Date of Work</b> | <b>August 2013 to February 2014</b> |

## **Summary**

*Fourteen test pits were excavated at Hinderclay, Suffolk to investigate features identified through aerial photography and geophysical survey. The most significant features recorded were two Roman pottery kilns. Also revealed were two ovens, ditches, pits and post-holes, all probably of a Roman date. A number of Roman coins were also retrieved through a metal detecting survey. This illustrates the presence of diffuse Roman activity over a number of centuries, a pattern of activity which fits in with the known evidence from the wider area.*

## **Introduction**

Archaeological fieldwork was undertaken by Suffolk Archaeological Field Group, the fieldwork sub-group of the Suffolk Institute of Archaeology and History, at Hinderclay close to the Suffolk/Norfolk border in 2013 and 2014.

Prior to this in 2010 aerial photography identified previously unknown archaeological features on an adjacent site. These were investigated by the Suffolk Archaeological Field Group in 2010 when enclosures, ditches and pits of Late Iron Age/Roman date were sample excavated (Birch 2011). During the course of these works a desktop survey using BING Maps recorded a series of potentially interesting cropmarks in the adjacent field (Site HNY 034). In particular there appeared to be a possible post-hole building together with a number of linear boundaries. Non-intrusive fieldwork commenced in 2011 with a structured field walking survey which produced a large quantity of 1st- and 2nd- century pottery, and a metal detecting survey which discovered a number of coins, mainly of the third and fourth centuries.

A magnetometry survey of the site was carried out by Tim Dennis and although it did not provide further evidence of the crop mark features seen on the aerial photographs, several additional features were identified including two which were tentatively interpreted as a pit and kiln. A second magnetometry survey was undertaken by SAFG led by John Rainer, which further enhanced the archaeological picture (Appendix 9).

Both sets of magnetometry results along with aerial photograph evidence and fieldwalking and metal detecting results led to the decision to excavate seven trenches to investigate specific aspects of the non-invasive fieldwork results.

Following further consideration of the geophysical results it was decided to excavate an additional seven trenches. This report details the results of the excavation of all fourteen trenches. The work was carried out by members of the SAFG and directed by Dave Griffiths.

Funding towards the geophysical survey and community involvement in the project was provided by the Heritage Lottery Fund. The Suffolk Institute of Archaeology and History (SIAH) helped support the post-excavation analysis.

## **Location, Topography and Geology**

The village of Hinderclay lay in central north Suffolk, close to the county border with Norfolk. The site itself was located c.1km to the east of the village, adjacent to a stream which flows north to join the Little Ouse River. It lay close to the watershed and the sources of the Little Ouse River which flows to the west and north towards The Wash, and the source of the River Waveney which flows east and north, eventually joining the Yare and Bure and discharging into the North Sea at Great Yarmouth.

The region features low rolling hills. It consists of arable farms on a clay plateau, gravel valley floors with rivers, streams and areas of flood often used historically for grazing. Scattered remains of ancient woodland, and slopes with hedges and medieval villages are also typical features of the broader landscape (Cade, Griffiths and Fulcher 2013 WSI).

The site lay on a shallow east-facing slope between c.25 and 28m OD.

The bedrock geology is chalk and the overlying superficial geology of the broad area is Lowestoft Formation Diamicton of chalky till with outwash sands and gravels, silts and clays and Head formation of gravel, sand and clay. The site itself sits on River Terrace Deposits of sand and gravel, while peat is recorded in the base of the stream valleys.

<http://mapapps.bgs.ac.uk/geologyofbritain/home.html>

## **Archaeological Background**

Evidence for Prehistoric activity in the immediate area is limited to occasional finds of struck and burnt flint and Bronze Age metal objects. Similarly, prior to these works evidence of Iron Age and Roman activity was scarce with the occasional artefact having been recorded on the Suffolk Historic Environment Record. Finds and evidence of medieval and post-medieval occupation are mainly located close to the villages, including Hinderclay to the west and Redgrave to the east. In the immediate area of the site field systems and boundaries have been recorded from aerial photographs. Their date is unknown, but as they lay on a different alignment to the present field system a pre-medieval date is postulated.

Some of these cropmarks were investigated in a field to the north of the present site by Suffolk Archaeological Field Group in 2010 (Birch 2011). In summary two enclosures and a possible trackway were recorded with finds indicating a 1st-century AD Iron Age-Roman transitional date.

## **Aims**

The primary aim of the project was to evaluate the below ground remains indicated by the cropmark and magnetometer evidence and to establish the form function and date of the features.

## **Methodology**

Trenches were targeted to investigate various magnetometer anomalies and were located using GPS survey equipment. Excavation of topsoil, subsoil and all revealed features was undertaken by hand.

Each trench was allocated a number and a unique set of context numbers was used for each trench. Plans and sections were drawn at 1:20 or 1:10 as appropriate. A photographic record of the works was made and consists of digital colour images.

## **Results**

The results are presented by trench number and include descriptive information gathered from the context sheets and digital photographs and a summary of the finds. Further details of the trenches and context information is presented in Appendix 1. Details of finds are listed in Appendices 2 to 8.

### **Trench 1**

Trench 1 was positioned to investigate a linear feature which had been recorded as a cropmark feature. Topsoil was 0.25m deep below which was a thin subsoil. The underlying natural was recorded at a depth of 0.3m, but no archaeological features were visible within the trench. A few sherds of Roman greyware pottery (1st-4th century) were amongst the finds recovered from the topsoil.

### **Trench 2**

Fig 2, Plates 1-3

A series of pits/post-holes had been revealed as cropmark features. These formed a double row and were initially interpreted as part of a post-constructed building. This trench was located over two of these features as seen on the aerial photographs. The natural sand was revealed at a depth of c.0.3m, and four features, two larger and two smaller post-holes, were recorded cutting into this.

The two larger post-holes (203 and 206) were similar in size (c.1.5mx1.3m and c.0.6m deep) and located on a north-west to south-east alignment c.5m apart. On the same alignment c.1m north-west of these was one of the smaller post-holes (208). The fourth post-hole (202) was c.2.4m to the south-west of larger post-holes (203), was 0.9m wide and lay partially outside the area of excavation.

A post-pipe and post packing was noted in post-hole 203. The packing material was yellowish grey chalky clay (210), and grey sandy silt with occasional chalk fleck (211). Material within the post-pipe was mid grey silty sand fill with frequent large flints which had fallen or been pushed in after the post had been removed or lost.

Fills of all the post-holes were very similar and are described as mid-grey sandy silt with chalk and clay inclusions, with frequent medium to large flints. It is notable that most of the post-holes were first identified by a spread of flints. Flinty deposits like these were not seen in any of the other trenches and may indicate that the building associated with these post-holes was partially constructed of flint. Some pieces of daub with straw impressions were also retrieved from this area suggesting wattle and daub walls.

A thin subsoil (201) of grey compacted loam with chalk flecks and small flints sealed the features, above which was a topsoil (200) of mid brown sandy silt with small flints and chalk fleck.

Pottery was only recovered from the subsoil and topsoil and is largely greywares and redwares of 1st-4th century date although a few sherds of 2nd-4th century Nene Valley wares were also recorded. A number of struck flints including some tools were also recovered from the topsoil and subsoil.

### **Trench 3**

Fig 4, Plates 4-7

This trench was originally 2m by 3m in size and positioned over a magnetometer response which suggested a possible kiln (Kiln 1). Part of the kiln was revealed at a depth of 0.4m and the trench was extended to encompass the whole of the feature. A well-preserved circular oven chamber with its walls surviving to their original height and containing a central bollard pedestal was found. A flue led from the oven to a large stokehole. No kiln furniture, including any potential roofing material, was recorded.

The kiln was orientated north-west to south-east. To the south-east was the circular clay-lined chamber which formed the lower, fire chamber of the kiln. This was 1.25m in diameter and c.0.30m deep. The clay wall was between 0.15m and 0.22m thick, the interior of which had been oxidised to an orange colour. Dips in the clay wall may represent the location of wooden supports (withies) used during construction or could indicate the positioning of the kiln bars. Central to this chamber was a circular pedestal of pale grey fired clay

0.75m in diameter and 0.3m high. The fill of the kiln is described as a dark grey loam with burnt clay fragments and represent backfill of the abandoned feature.

The interior of the flue was 0.45m wide, c.0.45m long, narrowing to 0.15m. This led to the stoke-hole which was trefoil in plan with maximum dimensions of 1.25m by 1.45m wide with a concave base. The fill of the stoke-hole was dark grey/ black sandy charcoal and occasional clay fragments which was likely to have been rake out from the kiln.

Pottery from the backfill of this feature is largely micaceous grey ware with some sandy red wares and probably represent the primary and secondary products of this kiln dating to the early Roman period. Although a number of fired clay pieces and fragments were recovered these were not examined by a specialist but are very likely to be pieces of the kiln structure. Several struck flints were also recovered from the topsoil.

The kiln was sealed by a subsoil (301) and topsoil (300).

#### **Trench 4**

Trench 4 was positioned over a large magnetic anomaly. The natural was seen at a depth of c.0.35m above which was a thin subsoil and topsoil. A few sherds of pottery were recovered from these deposits. No archaeological features were present in this trench.

#### **Trench 5**

Fig. 5, Plates 8 and 9

This trench was located over a possible feature. Part of a large pit (506) was revealed and the trench was later extended to encompass more of this feature. The full width of the pit was not established as it extended beyond the edges of excavation (in excess of 1.5 x 4m) but the overall depth of the pit was c.1m.

The lowest fill (505) was 0.15m deep. Above this was a thin layer of clay with large stones, small flints and flecks of chalk and fired clay (504). A black sandy loam with occasional large flint (503) lay over this. The uppermost fill of the pit was a dark brown gritty, sandy loam with gravel inclusions (502). Sealing the pit was a subsoil (501) and topsoil (500).

A large assemblage of pottery was recovered from the pit along with other finds. (Note that finds recorded as context 501 are quite probably from the upper pit fill 502). Most of the pottery was locally sourced. The lower deposits contained mainly early Roman material although the occasional sherd of 4th-century pottery was found within the upper fills. The assemblage contained seven almost complete vessels, a fragment of cheese press and a pottery sphere for which no parallel has yet been found. Other finds included the occasional struck flint, those from within the pit fill may be of an earlier Neolithic date.

**Trench 6**

Fig. 5, Plate 11

Cut into the underlying natural was ditch 601 which was 2m wide and 0.46m deep. It had a wide V-shaped profile with the west side slightly steeper than the east. Its single fill was a light brown sandy silt with occasional medium flints (602). Above this was a dark brown loamy topsoil (600).

A small assemblage of greyware pottery was recovered from this feature indicating a possible 2nd- to 3rd- century date for the infilling of this feature. Two retouched flakes and a retouched blade also came from the ditch fill. Other flints including a possible arrowhead of Later Neolithic date were recovered from the topsoil.

**Trench 7**

Fig. 9

Two ditches were recorded in this trench, their intersection laying beyond the edges of the trench. Ditch 702 ran on a south-east to north-west alignment, was 2m wide possibly tapering towards a butt-end beyond the north-west edge of excavation. This feature was 0.8m deep with a concave base and a single fill of sandy loam with medium sized flints.

Perpendicular to this was ditch 704 which ran on a south-west to north-east alignment. This was 0.7m deep and contained a single fill.

Sealing these was a dark grey subsoil (701) with small and medium flints over which was a dark brown topsoil (700). A small quantity of Roman grey ware was found within the subsoil.

**Trench 8**

Trench not excavated.

**Trench 9**

Fig. 7

Two intercutting ditches were revealed within this trench. The earliest (904), ran on an approximate east to west alignment. It was 0.9m wide, 0.4m deep with a broad U-shaped profile and contained loose grey brown sandy loam with large flints (902). This was cut by ditch 905 which ran on a north-west to south-east alignment. This had a wide V-shaped profile and was filled with a mixed deposit (903) which was more compact than the fill of the underlying ditch and suggests deliberate backfilling.

Sealing these was a subsoil of brown sandy silt with large flints (901) over which was a mid-grey sandy clay loam topsoil (900).

The pottery assemblage from ditch 905 suggests a 1st to 2nd century date. The underlying feature is therefore earlier than this and is likely to be prehistoric in date.

### **Trench 10**

Fig.8, Plates 12-14

Two parallel ovens, 0.4m apart were recorded cutting into the natural.

The first (1015) was made up of a clay lined chamber (1016) and stoke-hole (1019) with overall dimensions of 1.3m x 0.55m. It was orientated north-west to south-east with the stoke-hole to the south-east. The chamber of the oven measured 0.78m x 0.27m and the stokehole was 0.4m wide and appeared partially clay lined. The external shape of this oven, although broadly rectangular, was rather uneven in comparison with the adjacent oven (1012). The wall of the oven was uneven, varying in thickness between 0.10m and 0.2m. The interior surface was soft and pliable, but discoloured red. A 'doughnut' of clay was noted near to the stokehole and it suggested that the clay here was originally pushed in around an upright stake.

Oven 1012, was more uniformly constructed within a straight sided and flat bottomed cut. It comprised a clay lined chamber (1013) and stoke-hole (1018) with overall dimensions of 1.25m x 0.7m and was aligned north-west to south-east with stoke-hole to the north-west. The clay chamber was regular in construction forming a chamber 0.35m x 0.4m with a wall 0.18m thick. Towards the stoke-hole the walls widened forming a narrower 'flue' 0.15m wide. An iron bar was embedded in the clay across the 'flue'.

A subsoil (1011) and topsoil (010) sealed these features.

A small quantity of Roman grey ware pottery which was not closely datable was found within these features, and a much larger but similar assemblage, was recovered from the topsoil and subsoil.

### **Trench 11**

Positioned to investigate magnetometer anomaly, this trench was abandoned when modern wire was found within the topsoil.

### **Trench 12**

Fig. 9, Plates 15 and 16

This trench was positioned over a magnetometer anomaly which suggested the presence of a kiln. The structure of the kiln (Kiln 2) was revealed and comprised



fire chamber with central pedestal, flue and oval stoke-hole. It was very similar to that recorded in Trench 3 but was not as well preserved.

The kiln was orientated north-west to south-east, with the stoke-hole to the north-west. The fire chamber was oval and clay lined measuring 0.88m x 0.94m and c.0.5m deep. The clay wall was 0.10 to 0.15m thick widening further to the north-west where it formed the flue. Central to this chamber was an oval pedestal of clay 0.4m x 0.5m and 0.15m high.

The interior of the flue was parallel-sided, 0.45m wide and 0.45m long. This led to the stoke-hole which was 0.9m wide and extended beyond the edge of excavation. It was 0.45m deep, significantly deeper than the base of the fire chamber. The fill of the stoke-hole was a dark brown/black charcoal rich loose deposit with several large flints at its base.

Some of the fired clay contained chalk flecks, and patches of this chalky material was recorded to the south and north of the structure. This deposit may represent dispersed structural material.

Pottery from this feature was mainly retrieved from the stoke-hole. The assemblage was predominantly micaceous grey ware although oxidised wares form a significant element of this assemblage. A late 1st- to mid 2nd-century date is suggested for this feature.

The kiln was sealed by a subsoil (1201) and topsoil (1200).

### **Trench 13**

Fig. 10

A possible feature identified through the magnetometer survey was targeted with this trench. However, this feature was not found. Instead a ditch (1304) running on a north to south alignment occupied most of the trench. As the ditch extended beyond the edge of excavation its width was not established. The excavated segment was 0.45m deep with gentle concave sides and a single dark grey fill (1305) with small stones and lumps of ferrous rich sand (1302). In this part of the site the natural was seen to be ferrous rich indicating the ditch was probably deliberately backfilled with mixed material including redeposited natural.

A subsoil (1301) and topsoil (1300) lay over this.

A significant quantity of Roman pottery was recovered from the ditch fill which included some later Roman wares. A similar assemblage was present within the subsoil.

## Trench 14

Fig 11, Plate 17

A north-south ditch (1405), 1.2m wide and 0.56m deep was excavated. It contained a sandy fill (1402). The trench was heavily disturbed by animal activity (1403) which was recorded both within the ditch and running through the natural (1404) beyond the edge of the feature. A possible post-hole was recorded in the base of the ditch but this may also have been the result of animal activity.

A subsoil (1401) and topsoil (1400) lay over this.

The finds assemblage from this trench was distinctive as it contained two sherds of Early Saxon pottery from the ditch fill and an Early Saxon copper-alloy cruciform brooch from the subsoil.

Context 1403 also contained a significant assemblage of struck flints several of which are diagnostic of an Early Neolithic date. This suggests that a feature of that date had been disturbed by the animal burrowing.

## Finds

### Pottery

by Alice Lyons

#### *Introduction*

A total of 1928 sherds, weighing 31091g (25.24 Estimated Vessel Equivalent or EVE), of Romano-British pottery was found, which represent a minimum of 282 fragmentary vessels. The assemblage consists largely of locally made micaceous Sandy grey ware jars and dishes, supplemented by a variety of local and non-local finewares.

| Feature Type | Sherd count | Weight (g)   | EVE          | Weight (%)    |
|--------------|-------------|--------------|--------------|---------------|
| Pit          | 397         | 10641        | 7.51         | 34.23         |
| Kiln         | 594         | 9210         | 8.17         | 29.62         |
| Subsoil      | 587         | 6553         | 5.51         | 21.08         |
| Ditch        | 127         | 2187         | 3.23         | 7.03          |
| Topsoil      | 212         | 1931         | 0.77         | 6.21          |
| Oven         | 11          | 569          | 0.05         | 1.83          |
| <b>Total</b> | <b>1928</b> | <b>31091</b> | <b>25.24</b> | <b>100.00</b> |

RB Pot Table 1. The Roman Pottery by feature-type

Pottery was mostly recovered from a single pit (34%), also two pottery kilns (30%), although small amounts of ceramic material was recovered from two ovens, ditches and other deposits (RB pot table 1). The pottery was not

deliberately placed, or deposited as whole vessels, but rather found its way into these features as dispersed midden material or as wasters and is therefore in a fragmentary, but good, condition with a relatively large sherd size of c. 16g.

### **Methodology**

The pottery was analysed following the guidelines of the Study Group for Roman Pottery (Barclay *et al* 2016). The total assemblage was studied and a full catalogue was prepared (in archive). The sherds were examined using a hand lens (x10 magnification) and were divided into fabric groups defined on the basis of inclusion types present. Vessel forms (jar, bowl) were recorded and vessel types cross-referenced and compared to other published examples. The sherds were counted and weighed to the nearest whole gram and recorded by context. Decoration, residues and abrasion were also noted.

### **Fabrics**

A conservative group of ten fabric groups, or fabric families, were identified (RB pot table 2). The majority of the assemblage comprises highly micaceous grey ware jars and dishes typical of local production (WAT RE), with micaceous oxidised fabrics (SOW & SREDW) also found in smaller numbers. Very small numbers of non-local wares were recovered. Some specialist wares, such as amphora (Tyers 1996, 85-105) are totally absent from the group.

### **The Pottery by Trench**

| Trench       | Sherd Count | Weight (g)   | EVE          | Weight (%)    |
|--------------|-------------|--------------|--------------|---------------|
| 1            | 4           | 57           | 0.05         | 0.18          |
| 2            | 101         | 733          | 0.54         | 2.36          |
| 3            | 382         | 4805         | 6.24         | 15.45         |
| 4            | 4           | 71           | 0.00         | 0.23          |
| 5            | 724         | 13946        | 10.33        | 44.86         |
| 6            | 20          | 200          | 0.00         | 0.64          |
| 7            | 47          | 796          | 0.66         | 2.56          |
| 8            | 0           | 0            | 0.00         | 0.00          |
| 9            | 43          | 671          | 1.33         | 2.16          |
| 10           | 123         | 2532         | 1.09         | 8.14          |
| 11           | 0           | 0            | 0.00         | 0.00          |
| 12           | 307         | 4949         | 2.25         | 15.93         |
| 13           | 166         | 2249         | 2.71         | 7.23          |
| 14           | 7           | 82           | 0.04         | 0.26          |
| <b>Total</b> | <b>1928</b> | <b>31091</b> | <b>25.24</b> | <b>100.00</b> |

RB pot table 3: The pottery quantified by trench

Pottery was recovered from twelve of the fourteen trenches excavated, with significant assemblages retrieved from Trenches 3, 5, 12 and 13. The pottery

is listed in Appendix 3, only pottery recovered from cut features is described in detail below.

### Trench 3

A total of 287 sherds, weighing 4261g (5.92 EVE), with an average sherd weight of c. 15g were recovered from the kiln in Trench 3; the majority of pieces were found within the stoke pit.

| Feature           | Sherd Count | Weight (g)  | EVE         | Weight (%)    |
|-------------------|-------------|-------------|-------------|---------------|
| Kiln 1: Stoke pit | 260         | 3963        | 5.84        | 93.01         |
| Kiln 1: Oven      | 27          | 298         | 0.08        | 6.99          |
| <b>Total</b>      | <b>287</b>  | <b>4261</b> | <b>5.92</b> | <b>100.00</b> |

RB pot table 7. Trench 3, the Kiln 1 assemblage

When this assemblage is looked at in more detail it can be seen that the majority of pottery associated with Kiln 1 are micaceous grey ware (WAT RE) undiagnostic jar and dish body fragments. Where a vessel rim could be assigned to type it is apparent that straight-sided dishes with triangular rims (type 6.18) and globular jars, with under-cut rims, (type 4.5) are the only two vessels types found in more than single numbers and probably the main products of this kiln – it is noteworthy that no wasters were recorded. Decoration was not common, although several of the jars are 'slashed' on the shoulders, which is a motif that has been recorded on other known local products manufactured near-by (Maynard 1936, plate II, II & III). These vessel types (particularly the dishes) are derivatives of the Upper Thames Valley BB2 tradition which became fashionable between the mid-2nd and 3rd centuries AD (Tyers 1996, 186-1880).

A very small number of Sandy red wares were also found which may be a secondary product of the kiln. One, probably intrusive, Shelly Ware sherd was also recorded.

| Fabric        | Type                    | Sherd Count | Weight (g)  | EVE         | Weight (%)   |
|---------------|-------------------------|-------------|-------------|-------------|--------------|
| <b>WAT RE</b> |                         | <b>269</b>  | <b>3983</b> | <b>5.47</b> | <b>93.47</b> |
|               | Undiagnostic body sherd | 214         | 2402        | 0.00        |              |
|               | 6.18                    | 26          | 907         | 1.58        |              |
|               | 4.5                     | 25          | 657         | 3.58        |              |
|               | 5.4                     | 1           | 9           | 0.08        |              |
|               | 6.19                    | 1           | 4           | 0.05        |              |
|               | 3.6                     | 1           | 3           | 0.11        |              |
|               | 4.13                    | 1           | 1           | 0.07        |              |
| <b>SREDW</b>  |                         | <b>17</b>   | <b>267</b>  | <b>0.45</b> | <b>6.27</b>  |

| <b>Fabric</b> | <b>Type</b>             | <b>Sherd Count</b> | <b>Weight (g)</b> | <b>EVE</b>  | <b>Weight (%)</b> |
|---------------|-------------------------|--------------------|-------------------|-------------|-------------------|
|               | Undiagnostic body sherd | 12                 | 182               | 0.00        |                   |
|               | 4.5                     | 2                  | 51                | 0.18        |                   |
|               | 4.5.3                   | 2                  | 26                | 0.21        |                   |
|               | 6.19                    | 1                  | 8                 | 0.06        |                   |
| <b>HAR SH</b> | Undiagnostic body sherd | <b>1</b>           | <b>11</b>         | <b>0.00</b> | <b>0.26</b>       |
| <b>Total</b>  |                         | <b>287</b>         | <b>4261</b>       | <b>5.92</b> | <b>100.00</b>     |

RB pot table 8. Kiln 1: the pottery assemblage, quantified by fabric and form.

\*shaded lines highlight the possible kiln products

### *Trench 5*

Pit [506] contained a large group of pottery, including several almost complete vessels, suggesting the pottery had not suffered from significant post-depositional disturbance and as a result has a relatively large average sherd weight of c. 27g.

Analysis of the fabrics and forms found (RB pot table 11) shows that the majority of the pottery dumped within this pit was of local manufacture (WAT RE & SOW), and where forms could be identified utilitarian wide mouthed (5.3) and medium (4.5) jars are well represented.

An unusual form found is an almost complete WAT RE cheese press (9.1). These distinctive vessels have ridges and holes intentionally made in the base (pre-firing) which would have given any cheese formed in these moulds a distinctive pattern. These vessels were introduced into the ceramic repertoire by military potters in the mid-1st century AD and were eventually adopted by the civilian population (Lyons and Blackburn 2017, 46).

Particularly worthy of comment was the discovery of a pottery sphere (9.2) for which no parallels have yet been found. Made in the local WAT RE fabric, it is hollow with a diameter of 96mm, with an external burnished, or polished, surface. Although (sadly) not complete interpretations include its use as a money box - smashed to retrieve its contents. Another possible use is as a stopper for a large storage jar. It is, however, unstained inside so uses such as a paint, or ink, pot is unlikely. The fact that it was found in an area of pottery manufacture may suggest it is the result of a training exercise as making a perfect sphere is a difficult skill, indeed you can see how the potter made the globular form and then closed it with some extra clay and where the original base has been removed to form a more perfect globular shape (see illustrations and photos).

| Fabric        | Type   | Sherd Count | Weight (g)   | EVE         | Weight (%)   |
|---------------|--|-------------|--------------|-------------|--------------|
| <b>WAT RE</b> |  | <b>384</b>  | <b>10409</b> | <b>7.31</b> | <b>97.82</b> |
|               | Undiagnostic jar and storage jar body sherds | 329         | 7400         | 0.00        |              |
|               | 5.3  | 8           | 628          | 1.15        |              |
|               | 4.5  | 21          | 509          | 1.18        |              |
|               | 6.15   | 4           | 509          | 0.98        |              |
|               | 9.2  | 1           | 265          | 1.00        |              |
|               | 6.18   | 4           | 258          | 0.27        |              |
|               | 9.1  | 1           | 246          | 1.00        |              |
|               | 6.21   | 3           | 220          | 0.42        |              |
|               | 4.13   | 5           | 115          | 0.51        |              |
|               | 3.8  | 1           | 103          | 0.00        |              |
|               | 8.1  | 3           | 79           | 0.42        |              |
|               | 6.19   | 1           | 29           | 0.07        |              |
|               | 6.3  | 1           | 28           | 0.15        |              |
|               | 3.14   | 1           | 12           | 0.12        |              |
|               | 4.8  | 1           | 8            | 0.04        |              |
| <b>SOW</b>    | <b>Undiagnostic body sherds</b>              | <b>8</b>    | <b>151</b>   | <b>0.00</b> | <b>1.42</b>  |
| <b>LNV WH</b> | <b>Undiagnostic body sherd</b>               | <b>1</b>    | <b>34</b>    | <b>0.00</b> | <b>0.32</b>  |
| <b>OXF RS</b> | <b>Dr37 copy</b>                             | <b>3</b>    | <b>31</b>    | <b>0.13</b> | <b>0.29</b>  |
| <b>PAK CC</b> | <b>3.3</b>                                   | <b>1</b>    | <b>16</b>    | <b>0.07</b> | <b>0.15</b>  |
| <b>Total</b>  |  | <b>397</b>  | <b>10641</b> | <b>7.51</b> |              |

RB pot table 11. Pit [501]. The pottery assemblage, quantified by fabric and form

Non- local products found within the pit comprise a Nene Valley oxidised ware fragment and two late Roman fine wares. The Oxfordshire red colour coated bowl is only found in this region during the 4th century AD, while the Pakenham indented beaker is also a relatively late form (late 3rd the 4th century AD). Taken as whole this pit contains a large group of domestic waste, some of which is earlier Roman in date (perhaps contemporary with the kilns) but the pit itself was not finally sealed until the end of the Roman era.

#### *Trench 7*

Three undiagnostic WAT RE jar fragments were recovered from a single ditch in Trench 7.

*Trench 9*

The pottery recovered from ditch [905] comprises a small assemblage of utilitarian local grey and white coarse ware vessels (RB pot table 15). WAT RE wide mouthed jars are the most commonly recorded. This assemblage has a date between the late 1st and 2nd centuries AD, possible contemporary with Kiln 1.

| Fabric        | Type                    | Sherd Count | Weight (g) | EVE        | Weight (%)    |
|---------------|-------------------------|-------------|------------|------------|---------------|
| <b>WAT RE</b> |                         | <b>40</b>   | <b>665</b> | <b>109</b> | <b>99.11</b>  |
|               | 5.3                     | 4           | 207        | 85         |               |
|               | 5.4                     | 1           | 14         | 12         |               |
|               | 6.21                    | 1           | 6          | 0          |               |
|               | Dr37 copy               | 1           | 56         | 12         |               |
|               | Undiagnostic body sherd | 33          | 382        | 0          |               |
| <b>SOW</b>    |                         | <b>3</b>    | <b>6</b>   | <b>24</b>  | <b>0.89</b>   |
|               | 4.5                     | 1           | 1          | 8          |               |
|               | 8.1                     | 1           | 1          | 8          |               |
|               | 6.15                    | 1           | 4          | 8          |               |
| <b>Total</b>  |                         | <b>43</b>   | <b>671</b> | <b>133</b> | <b>100.00</b> |

RB pot table 15. Ditch [905], the pottery assemblage quantified by fabric and form

*Trench 10*

A small number of local utilitarian WAT RE jar, storage jar and lid fragments were recovered from the ovens and fire pit found in this trench. It is unlikely they were associated with the primary function of these features.

| Feature      | Fabric | Sherd Count | Weight (g)  | EVE        |
|--------------|--------|-------------|-------------|------------|
| Subsoil      |        | 83          | 1480        | 92         |
| Topsoil      |        | 29          | 483         | 12         |
| Oven 1       | WAT RE | 7           | 177         | 0.00       |
| Oven 2       | WAT RE | 3           | 386         | 0.00       |
| Fire Pit     | WAT RE | 1           | 6           | 0.05       |
| <b>Total</b> |        | <b>123</b>  | <b>2532</b> | <b>109</b> |

RB pot table 16. The Trench 10 pottery assemblage

*Trench 12*

Excavations in Trench 12 revealed a poorly preserved pottery kiln (no pottery was recovered from other deposits).

A total of 307 sherds, weighing 4949g (2.25 EVE), with an average sherd weight of 16g, was recovered solely from the stoke pit of the kiln. Analysis of the Kiln 2 assemblage shows the majority of recovered sherds are micaceous grey ware (WAT RE) undiagnostic jar and dish body fragments. Where a vessel rim could be assigned to type it is apparent that globular jars, with under-cut rims, (type 4.5) are the only vessel types found in any quantity and probably the main product of this kiln – it is noteworthy that no wasters were recorded. Decoration was not common, but several of the jars have incised fingernail motifs on the shoulder, a variation of the ‘slash’ design recorded in Kiln 1. Unlike Kiln 1 oxidised wares form a significant part of this assemblage suggesting they may also have been made in this kiln, or near-by. The forms found within this kiln date between the late 1st and mid-2nd centuries AD, raising the likelihood that it pre-dates Kiln 1.

| Fabric        | Type                    | Sherd Count | Weight (g)  | EVE         | Weight (%)    |
|---------------|-------------------------|-------------|-------------|-------------|---------------|
| <b>WAT RE</b> |                         | <b>202</b>  | <b>2919</b> | <b>1.34</b> | <b>58.98</b>  |
|               | Undiagnostic body sherd | 179         | 2556        | 0.00        |               |
|               | 4.5                     | 18          | 229         | 0.74        |               |
|               | 6.21                    | 4           | 115         | 0.47        |               |
|               | 8.1                     | 1           | 19          | 0.13        |               |
| <b>SOW</b>    |                         | <b>105</b>  | <b>2030</b> | <b>0.91</b> | <b>41.02</b>  |
|               | Undiagnostic body sherd | 87          | 1520        | 0.00        |               |
|               | 4.5                     | 13          | 277         | 0.30        |               |
|               | 5.4                     | 2           | 145         | 0.38        |               |
|               | 5.3                     | 1           | 46          | 0.09        |               |
|               | 6.21                    | 2           | 42          | 0.14        |               |
| <b>Total</b>  |                         | <b>307</b>  | <b>4949</b> | <b>2.25</b> | <b>100.00</b> |

RB pot table 17. Kiln 2. The pottery Assemblage \*shaded lines highlight the possible kiln products

### Trench 13

A total of 78 sherds, weighing 1449g (1.90 EVE), with an average sherd weight of 18.5g, were recovered from Ditch [1305]. The majority of the pottery consists of undiagnostic WAT RE jar and dish forms. Significantly, several later Roman coarse ware forms are present such as the flanged dish (6.17) and the straight-sided dish with a groove under the rim (6.19). Supporting this late Roman dating are three fragments of late Roman finewares (HAD OX, PAK CC & SREDW). This group is a late Roman deposit of domestic waste.



| Fabric        | Type                    | Sherd Count | Weight (g)  | EVE         | Weight (%)    |
|---------------|-------------------------|-------------|-------------|-------------|---------------|
| <b>WAT RE</b> |                         | <b>75</b>   | <b>1437</b> | <b>1.77</b> | <b>99.16</b>  |
|               | Undiagnostic body sherd | 60          | 1080        | 0.00        |               |
|               | 4.5                     | 5           | 160         | 0.92        |               |
|               | 8.1                     | 3           | 38          | 0.27        |               |
|               | 5                       | 2           | 39          | 0.17        |               |
|               | 6.19                    | 2           | 35          | 0.18        |               |
|               | 4.13                    | 1           | 29          | 0.11        |               |
|               | 6.17                    | 1           | 29          | 0.05        |               |
|               | 6.18                    | 1           | 27          | 0.07        |               |
| <b>HAD OX</b> |                         | <b>1</b>    | <b>4</b>    | <b>0.05</b> | <b>0.28</b>   |
| <b>PAK CC</b> | <b>3.1</b>              | <b>1</b>    | <b>4</b>    | <b>0.08</b> | <b>0.28</b>   |
| <b>SREDW</b>  |                         | <b>1</b>    | <b>4</b>    | <b>0.00</b> | <b>0.28</b>   |
| <b>Total</b>  |                         | <b>78</b>   | <b>1449</b> | <b>1.90</b> | <b>100.00</b> |

RB pot table 19. Ditch [1305]: the pottery assemblage quantified by fabric and form

#### *Trench 14*

Three small residual fragments of Roman pottery were recovered from ditch deposits in this trench, found with later Saxon pottery and broches.

#### **Pottery Discussion**

*“Although agriculture dominated the economy, we also have evidence for several industries, of which the commonest is the manufacture of pottery. Kilns have been identified at many of the market centres and in rural locations. The largest concentration is around Wattisfield and Rickenhall, where potters were able to find both good clay and an abundance of fuel.”* (Plouviez 1999, 42)

Excavations undertaken as part of this project have revealed a series of ditches, pits, pottery kilns and ovens that span the Roman period and reflect the intensely utilised nature of the north Suffolk between the late 1st and 4th centuries AD (Ashwin and Tester 2014, 212-229). Hinderclay itself is in an area of known pottery production with at least two Roman pottery kilns having been previously recorded (Swan 1984, 148). Indeed, it is in a part of north Suffolk, centred around Wattisfield, where the abundance of natural resources made pottery production on a large scale possible during the Roman era.

The evidence for pottery manufacture described within this report details two kilns (possibly sequential) using the local micaceous clays to produce utilitarian jars and dishes. The earlier Kiln (Kiln 2) making reduced and oxidised jars and dishes, with the later kiln (Kiln 1) specialising in making globular jars and dishes in the reduced ware BB2 tradition. Both kilns contain a conservative range of

fabrics and forms – with no evidence for wear and use (such as soot and lime residues) typical of the remains of manufacture rather than domestic use.

That activity on the site continued in to the later Roman era is demonstrated by pit [501] and ditch [1305], both of which contain 4th century pottery. It should be noted that some Roman pottery was found as residual element with later Saxon wares.

Although the Wattisfield pottery industry remains under reported and incompletely published, this assemblage adds to the growing corpus of data about Roman ceramic manufacture and use in north Suffolk. The fuller understanding of Roman exploitation of this region reveals the skilled and dynamic community who lived and thrived there.

### **Small Finds**

By Jude Plouviez

#### ***Introduction***

A total 83 metal objects or groups of objects were examined by the author on behalf of the Suffolk Archaeological Field Group (SAFG, per Dave Griffiths) and recorded onto a Microsoft Access database. The objects had been recovered by surface metal detecting and during excavation of a mainly Roman period site at Hinderclay, Suffolk.

The Roman coins had previously been comprehensively listed by John Fulcher and this list was checked and modified as necessary. References were added for 4th century *nummi* to Carson Kent & Hill 1978 (LRBC) but not for earlier issues. There is also a set of photographs of the coins.

#### ***Small finds from the excavations (Appendix 4)***

##### ***Anglo-Saxon brooch***

An almost complete, copper-alloy early Anglo-Saxon cruciform brooch was found in Trench 14 subsoil (1401). It was in two pieces, recently broken (perhaps struck by the plough?) and with signs of use wear on the front. It has been identified as Martin 2015 Group 3, within the broad and common range of cruciforms produced and worn during the later 5th and first half of the 6th century. The most likely context for a complete brooch would be a ploughed-out inhumation grave, but deposition within a feature, such as a sunken-featured building, would also be a possibility. A likely early Anglo-Saxon cemetery (HNY 017) has been identified from surface finds about 1.5km from HNY 034. Valley situations on light soils tend to be the preferred locations for early Anglo-Saxon settlements.

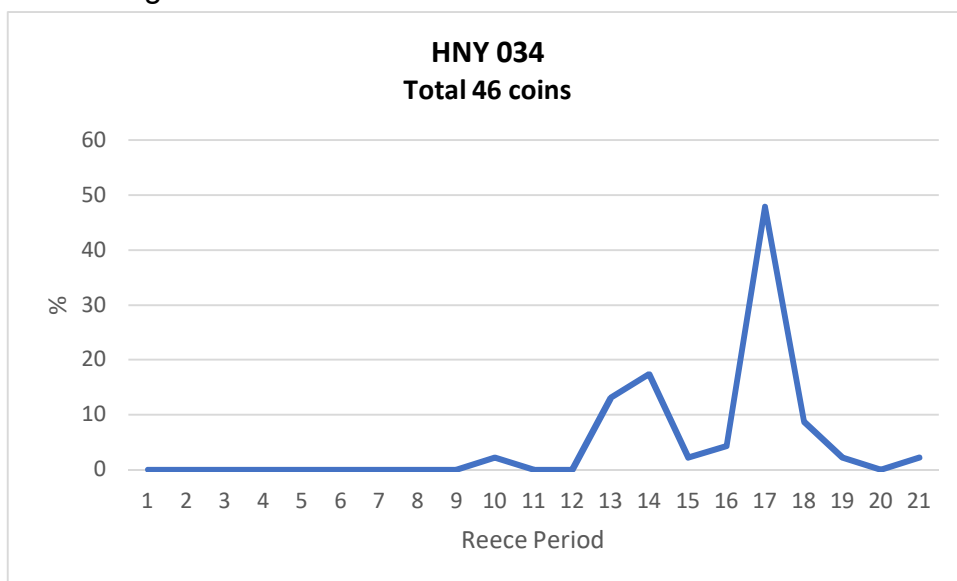
Other finds from the excavation consisted of unremarkable iron nails or other objects all recovered from the topsoil

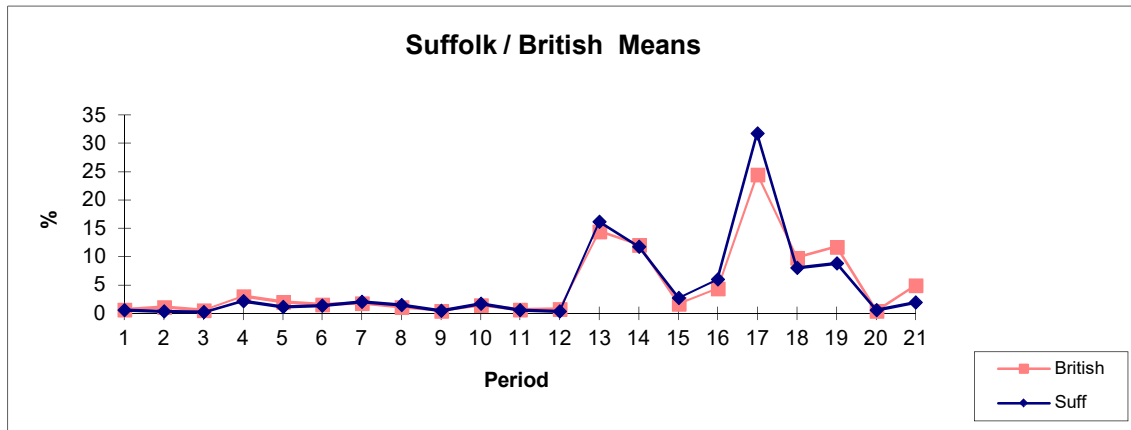
### ***Small finds from the metal detecting survey (Appendix 5)***

#### ***Roman coins***

The 50 Roman coins form the most substantial element of the assemblage. All were copper alloy and only three were produced earlier than AD260, one definite and one probable illegible asses of 1st or 2nd century date and a sestertius of Julia Domna (211-217). It is common for early Roman coinage to be low or absent on rural sites. It was possible to assign 46 of the coins to a Reece period (as Reece 1991, 1) which is just enough for valid site comparisons; the result is plotted in a diagram showing relative percentages over time with the Reece British norm and the Suffolk norm shown below. The rural nature of the Hinderclay site is confirmed by the below average coin loss before period 13 (AD 260) and by the particularly high percentage in period 17 (330-348). The assemblage also differs from the norm in the later 4th century, with very low relative numbers (represented by only two coins) dated between 364 and the end of Roman coin imports in 402. This scarcity is a feature of both urban and rural sites in the east of Suffolk (as shown by the area and small town groups illustrated in Blagg, Plouviez and Tester 2004, 84); the Hinderclay site lies close to the centre of the county, where the 4th century pattern changes to show a relative increase in the Valentinian period (Reece period 19, 364-378). Locally the closest group for comparison, HNY 017 (as listed in the Suffolk Historic Environment Record), is exceptionally biased to the 4th century and has a very high Valentinian proportion; this site may be mainly early Anglo-Saxon in date but demonstrates that late bronze currency was available in the vicinity. However, rapid examination of Portable Antiquities data for Hinderclay and adjacent parishes (Redgrave, Rickinghall, Thelnetham) conform to the HNY 034 pattern, with extremely few coins later than AD364 recorded (Portable Antiquities database, <https://finds.org.uk/database>, accessed in January 2017).

The coins also include numerous contemporary copies at the times when this is known to be prevalent, in the later 3rd century (Reece period 14) and towards the middle of the 4th century (periods 17 and 18). The pattern of mints identified, with coins from Trier, Lyons and Arles, is also as normal in British rural assemblages.





### *Roman metal objects*

Three other copper-alloy objects have been assigned a definitely Roman date:

SF 75 A copper-alloy brooch fragment of Colchester derivative hinged type. The only Roman brooch in the assemblage is a common, probably East Anglian, type, in use during the late 1st or early 2nd century.

SF 85 A flat copper-alloy stud, similar to more common discoidal examples but with a projection. The integral rivet was probably for attachment to a leather strap. Similar enamelled examples are generally dated to the 2nd or 3rd centuries.

SF 54 is a copper-alloy folded strip object, perhaps a cosmetic implement, that is wrapped around a probably pre-250 coin (as or dupondius) either deliberately or accidentally; the object is not datable.

### *Medieval and Post-medieval objects*

One probably pewter stud may be medieval in date. Thirteen copper-alloy objects were identified as being of post-medieval date. These include a probably farthing, two 17th century trade tokens, six buttons and a buckle fragment. A lead pencil was also found.

### **Conclusions**

The metal finds provide a probable date range for the Roman activity between the late 1st century and the mid 4th century. The range of material is limited, suggesting a relatively low status rural settlement (but could also be an assemblage from a rural industrial area). Subsequent early Anglo-Saxon activity of some kind is suggested in the late 5th or 6th century. There is nothing to indicate any significant later activity, as the range of items is commonly found on all arable land in the region.

## Flint

by Sarah Bates

### Methodology

Each piece of flint was examined and recorded by context in an Access database table. The full catalogue is included as Appendix 6. The material was classified by *category* and *type* with numbers of pieces and numbers of complete, corticated, patinated and hinge fractured pieces being recorded and the condition of the flint being commented on. Numbers and weights of burnt flint were also recorded. Additional descriptive comments were made as necessary.

| Type                            | Number     |
|---------------------------------|------------|
| multi-platform flake core       | 1          |
| multi-platform blade core       | 1          |
| flake                           | 70         |
| blade-like flake                | 9          |
| blade                           | 2          |
| bladelet                        | 3          |
| spall                           | 10         |
| thinning flake                  | 1          |
| piercer                         | 1          |
| utilised blade/piercer          | 1          |
| awl                             | 1          |
| spurred piece                   | 1          |
| combination knife/notched flake | 1          |
| notched flake                   | 1          |
| ?arrowhead                      | 1          |
| retouched flake                 | 7          |
| retouched blade                 | 2          |
| utilised flake                  | 6          |
| utilised blade                  | 8          |
| <b>Total</b>                    | <b>127</b> |
|                                 |            |
| burnt fragment                  | 69         |
| burnt stone                     | 1          |

Table 1: Flint summarised by type

### The assemblage

Two cores were found, both 1403. They are similar sized, small, pieces both of which have had blades struck from them. One is a neat piece with several blades from one side struck from one end but it has previous removals, also blade types from the opposite and scars from other previous working (for flakes) on another side. The second core is slightly more irregular but is a similar shape; longish, and with some blade-type scars from one end. Both cores could date from the earlier Neolithic.

Seventy unmodified ordinary flakes are present. The flakes are predominantly small or quite small although some slightly larger pieces are present. There are a range of thickness although the flakes tend to thinner types. A relatively large number of pieces are broken (41% by number). Forty-one percent have some cortex but only seven flakes (10%) are primary flakes (i.e. with entirely cortical dorsal surfaces). The presence, and prevalence, of cortex may relate to the type and/or availability of raw material but also to the nature and, possibly, the date of the flint working (see below). Five flakes (7%) have cortex on their platforms showing that they were struck from unprepared platforms. Just two ordinary flakes have abraded platform edges which indicate platform preparation. Three flakes are burnt.

Nine blade-like flakes are present. They are all small or very small pieces, two have abraded edges to their platforms. Two blades were found (both 300). One is small thickish and slightly irregular, the other is thin and regular but is incomplete. Three smaller bladelets were also found (all 1402) and ten spalls are present.

A possible thinning flake from a flaked tool such as an axe is present 1402. It has several characteristics of such flakes (Butler 2005, 140-41, Andrefsky 1998, 118). Its platform surface is battered – worked or abraded - from its dorsal edge and might represent the former edge of a biface. The flake splays out to a wider thin distal edge and it has multi directional dorsal scars. A few other slightly curving thin flakes have multi-faceted dorsal faces and are probably also thinning pieces but are larger and slightly more irregular - they may be from earlier on in the process of shaping roughouts.

A very small slightly curving neat blade with a shallow triangular cross section and an abraded platform edge has been used as a piercer 600; some slight retouch at its distal tip has accentuated/strengthened a tiny point there. The piercer is dark orangey brown at one end – this may be staining or, possibly, it is heat-affected. Another small blade has some slight utilisation of its distal tip and was also probably used as a piercer 201. A very small flake has slight retouch at alternate faces at its distal tip suggesting it is an awl 200, probably used on soft material, perhaps leather.

An abraded and patinated flake has retouch forming two shallow notches either side of/forming a slight spur on its right side 600.

A 'combination tool' comprises a neat blade with its straight left lateral edge used as a knife (slight glossy abrasion due to wear can be seen at the cutting edge) and a deep hook-like notch formed by the removal of a single thick chip from its right side. The edge of the notch has slight retouch or use related damage at one side 1403. The thin distal edge of the blade is also slightly retouched. There is a small irregular stepped fracture from the platform at the left proximal side of the platform and it is possible that this, and the notch enabled hafting?). The piece is slightly patinated.

Another piece might have been used as an arrowhead (or other tool) 600. It is triangular with slight retouch across its wide distal edge. Irregular retouched 'notches' in each side towards the pointed proximal end could have been for hafting a chisel-type later Neolithic arrowhead.

Totals of nine retouched, and fourteen utilised, miscellaneous pieces were found (see Table 1). A blade and a flake from the same context have similar slight abrupt edge retouch 600, a tiny ?flake appears to be retouched to a scraper-like edge 200, and a broken flake has edge retouch, including on part of its broken edge - so may be a reused piece 500. Some utilised blades are likely to date from the earlier Neolithic, two have abraded platform edges. One of these has slight retouch/utilisation of its distal tip and two have cortex 'backing' of the side opposite to the utilised edge.

### ***Flint by context***

#### *Trench 1*

A single fragment of burnt flint was found in the topsoil.

#### *Trench 2*

Twenty-five struck flints and fourteen fragments of burnt flint (263g) were recovered from Trench 2. All of it was from topsoil and subsoil contexts. The struck flint includes nine flakes; one small neat flake has an abraded platform edge but the rest are mostly very small squatter pieces. Two incomplete flakes, including one piece which is larger than the other flakes, are burnt. There are also four spalls, a small awl, a small blade used as a piercer, a flake with blade-type dorsal scars and one utilised edge which includes a small notch, three retouched pieces including a tiny 'scraper'-like piece and six utilised pieces including three blades one of them with an abraded platform edge. The latter are likely to date from the earlier Neolithic.

#### *Trench 3*

Sixteen struck flints and a fragment of burnt flint (38g) came from the topsoil. There are seven irregular small flakes, two blades (one a fragment) and two blade-like flakes. Another thin tapering flake is slightly retouched along a straight side and an ovate primary flake is also retouched. Two spalls were also found.

#### *Trench 4*

Two fragments of burnt flint (25g) were found in the topsoil.

#### *Trench 5*

Nineteen pieces of struck flint and eleven fragments of burnt flint (104g) were found. Five flints were found in fills of a pit and it is notable that they are all quite longish pieces with a blade like piece having an abraded platform edge and a slightly patinated, and broken, blade being backed by cortex and its opposite edge utilised. Although not closely diagnostic types, the quite regular and/or

blade-like forms, and the evidence for the preparation of cores to produce these, suggests a possible earlier Neolithic date.

Fourteen flakes, including single retouched and utilised pieces came from the topsoil and subsoil from Trench 5 and these include a wider range of types although almost are fairly regular thinnish flakes and two or three are longer pieces. It seems likely, considering the relative frequency of flint from this trench, that some of the unstratified material (much of which is quite sharp) may have originated from the pit.

#### *Trench 6*

Seven pieces of struck flint and seven fragments of burnt flint (114g) were found, all from topsoil contexts. The struck flint includes three small flakes a small thick blade-like flake, a piercer made on a small neat blade from a prepared core (this is likely to be earlier Neolithic), a retouched 'spurred' piece and another retouched piece which might be a later Neolithic chisel type arrowhead. Several of the flints from this trench are stained a 'greenish' orangey brown and it possible that one or two may be heat-affected. The 'arrowhead' is a patinated and slightly abraded triangular flake with an irregular ventral surface and cortex on its platform. However, it has slight notches at opposite sides towards its narrower proximal end which could suggest that it was hafted, and its wide distal edge is slightly retouched; - as it may be if it were used as an arrowhead (or perhaps for another purpose).

#### *Trench 7*

Two small flakes, one of them glossy and patinated, were found in the fill of a ditch. The flint is undiagnostic.

#### *Trench 10*

Three small flakes were found in the subsoil. There is a thickish squat but 'blade-like' piece with an abraded platform edge, a small distal fragment which is probably also from a blade type piece and a patinated squat flake with cortical platform. A small blade, also from the subsoil, is edge-utilised.

A fragment of burnt flint (31g) was found in the topsoil.

#### *Trench 13*

A medial fragment from an edge-utilised blade and a small utilised blade-like flake came from the subsoil. The latter has an abraded platform edge and a very slight possible 'notch'.

#### *Trench 14*

Forty-five struck flints were found from excavated contexts. From fill 1403 there are two small cores both of which have produced blade type pieces, a neat blade which has been used as a knife and has a notch – either from use or, possibly, suggesting hafting, another thin edge-utilised blade, eighteen flakes of various types (but mostly small and including a small blade-like flake) and



two spalls. From fill 1402 were four small quite neat blade-like flakes (one with an abraded platform edge), twelve other flakes of various types (but including a few slightly larger pieces), three bladelets and a spall. There is also a possible tool thinning flake (see above for description). Twenty-nine fragments of burnt flint (455g) and a piece of burnt stone (40g) were also found in the ditch, all but one piece from 1403. The burnt stone (probably Millstone grit; identified by Alice Lyons) has one worked surface and may be from a quern. The flint from the ditch is not all diagnostic but several pieces including the cores and several other blade types, and also the thinning flake, suggest that earlier Neolithic material may be present. It is notable that the flint recovered from the ditch fills is sharp or quite sharp.

An irregular hard hammer struck flake and small neat blade with an abraded platform edge and slightly retouched/utilised at its distal tip came from the subsoil. The latter is probably of earlier Neolithic date.

### **Conclusions**

The flint represents activity in the vicinity of the site during the prehistoric period. All of it, however, including the material from the fills of excavated features, was recovered from contexts which also included Roman, or later, pottery. The flint was, therefore, residual – relating to earlier activity and subsequently incorporated within the excavated contexts. Flint was recovered from a total of ten trenches (with Trenches 1 and 4 including only one or two pieces of burnt flint). By far the majority of the material was found in subsoil and topsoil layers but flint was found in fills of two pits and two ditches including a possible ring ditch.

There are two quite neat small cores, both of which have had blade type pieces struck from them, and a number of blades and blade-like flakes some of which are soft hammer struck and/or exhibit evidence for having been struck from carefully prepared cores. Such pieces are characteristic of both Mesolithic and earlier Neolithic flint-working (Butler 2005, 84 and 121) and most flint debitage and retouched material from those periods is of very similar nature and, in the absence of diagnostic tool types, it is difficult to differentiate them (Healy with Jacobi 1984, 83). No such diagnostic pieces are present. It is noted that one very small blade (1403) is patinated more heavily than the rest of the flint from the site and, although patina is not always an indicator of greater age, its presence on residual Mesolithic pieces is often noted (e.g. Healy 1988, 45; Bates 2008, 75) and it may be of earlier date than the other flints. Another small blade, probably used as a piercer, is a dark orange grey colour (9600) and might possibly be heat-affected; heating has been shown to improve the quality of flint and make it easier to work (Lee 2001).

A thinning flake and some other slightly irregular similar flakes suggest that the preparation of flaked tools such as axes probably occurred in the vicinity. These are of likely Neolithic date.

A possible arrowhead was found although the piece is irregular. Chisel type arrowheads are characteristic later Neolithic types (Butler 2005, 158 – 161, fig 66;2, 67;1).

The rest of the flint is not closely dateable. A range of flakes, mostly hard hammer struck, are present but very irregular types characteristic of later Bronze Age or Iron Age flint-working are not notable.

The relatively high proportion of broken flakes reflects the residual nature of the flint and the topsoil/subsoil contexts from which most of it was recovered. The proportion of cortical flint is, if anything, rather low compared to flint from a range of other Suffolk sites and this might reflect the slightly earlier date of the material (rather than a Bronze Age or Iron Age date when more irregular and casual flint use might be expected to produce greater numbers of cortical pieces and more irregular flakes). However, given the context of the material it seems likely that some flint of later date is probably also present.

The flint was recovered from trenches across the site and blade-type pieces were also found in several areas; most notably in Trenches 2, 5, 6 and 14. A small part of a ?possible ring ditch was excavated in Trench 14 (and this trench produced the greatest amount of flint). Roman and Saxon pottery was recovered from the excavated ditch although some probable prehistoric pottery (of uncertain date) was also found. In none of the other trenches does it appear that any features or deposits of prehistoric date were excavated but presence of the flint indicates activity during the period. It seems likely that most of the flint represents earlier Neolithic to later Neolithic earlier Bronze Age activity on the slight spur overlooking the tributary of the Little Ouse River.

## **Faunal and Environmental**

### **Animal Bone**

by Julie Curl

#### ***Methodology***

The analysis was carried out following a modified version of guidelines by English Heritage (Davis, 1992). All of the bone was examined to determine range of species and elements present. A note was also made of butchering and any indications of skinning, horn-working and other modifications. When possible, a record was made of ages and any other relevant information, such as pathologies. Counts and weights taken for each context and separate counts and weights taken for any sieved sample material. Counts were made for each species and group (such as 'mammal') identified. Counts were also taken of bone classed as 'countable' (Davis, 1992). Measurable bones (following Von Den Driesch, 1976) were counted and these totals are included in the catalogue. Information was recorded into Excel for analysis and the full catalogue is presented in Appendix 7.

### **Quantification, provenance and preservation**

A total of 4223g of faunal remains, consisting of 286 elements, was recovered from the excavations at this site by SAFG. Quantification of the remains by trench number, feature type and weight is presented in the following table.

| Trench No                | Post-hole    | Hearth     | Kiln        | Ditch        | Pit          | Trench Total |
|--------------------------|--------------|------------|-------------|--------------|--------------|--------------|
| 2                        | 1019         |            |             |              |              | 1019g        |
| 3                        |              |            | 91          |              |              | 91g          |
| 3                        |              |            | 15          |              |              | 15g          |
| 5                        |              |            |             |              | 1332         | 1332g        |
| 6                        |              |            |             | 593          |              | 593g         |
| 9                        |              |            |             | 611          |              | 611g         |
| 10                       |              | 95         |             |              |              | 95g          |
| 13                       |              |            |             | 457          |              | 457g         |
| 14                       |              |            |             | 10           |              | 10g          |
| <b>Total by features</b> | <b>1019g</b> | <b>95g</b> | <b>106g</b> | <b>1671g</b> | <b>1332g</b> | <b>4223g</b> |

Quantification of the assemblage by trench number, features and weight in grams.

Bone in this assemblage is generally in reasonable condition. Some bone, particularly remains from the ditch feature in Trench 6, showed some darker staining of the bone, which commonly occurs in organic and waterlogged situations. Small amounts of burnt bone were seen in Trenches 2 and 14 with burning at a fairly low level and just charring in Trench 14. Pit fills 502 and 503 produced several burnt fragments of sheep/goat, pig/boar and unidentifiable mammal fragments which were burnt in the range of charred to fully oxidised and white. All of the burning is consistent with remains from a cooking or domestic fire and where some fragments may be burnt for longer periods.

### **Species and observations**

Four species were identified in this assemblage, all of which are typically domestic stock mammals. Nearly 60% of the assemblage was only identifiable as 'mammal' due to a lack of diagnostic features, with fragments from large mammals (cattle or equid) and smaller to medium sized mammals (sheep/goat or pig/boar sized). Cattle are the most common species and seen in seven trenches. Equid was only seen with one lower molar in Trench 2. Pig/boar were seen in three trenches and only in small numbers and sheep/goat were produced from three trenches. Species are quantified by the number of bones identified for each species present (NISP) in the table below

| Trench                   | Cattle | Equid | Mammal | Pig/boar | Sheep/goat | Total |
|--------------------------|--------|-------|--------|----------|------------|-------|
| Trench 2 post-holes      | 14     | 1     | 15     |          | 1          | 31    |
| Trench 3 Kiln            | 9      |       | 2      |          |            | 11    |
| Trench 5 Pit             | 27     |       | 31     | 2        | 6          | 66    |
| Trenches 6 and 9 Ditches | 29     |       | 102    | 1        | 2          | 134   |

| Trench            | Cattle | Equid | Mammal | Pig/boar | Sheep/<br>goat | Total |
|-------------------|--------|-------|--------|----------|----------------|-------|
| Trench 10 Hearths | 2      |       | 8      | 4        |                | 14    |
| Trench 13 Ditch   | 18     |       | 5      |          |                | 23    |
| Trench 14 Ditch   | 1      |       | 7      |          |                | 8     |
| Total by species  | 100    | 1     | 170    | 7        | 9              | 287   |

Quantification of the faunal assemblage by species, NISP and features.

### *Cattle*

Most of the identifiable bone belonged to cattle. Most fills produced remains of adult bones. Fills 603 and 1302 produced several bones of juvenile cattle in each. The juvenile cow in 603 was quite young and some of the articular surfaces show wear that is common on young unfused bones.

Butchering was frequent, with skinning cuts, chops to produce joints of meat and knife cuts from removal of meat. A cattle mandible was found in (505), this lower jaw is from the right side of the head and shows knife cuts from skinning and numerous fine cuts on the inner jaw from removal of the tongue and flesh for meat.

A proximal metacarpal from the cattle bone in 200 showed arthritis, which is commonly seen on older animals and those that have been used for traction.

### *Sheep/goat*

Three trenches produced sheep/goat. The remains in Trench 2 and Trench 5, fill (501) were more positively identified as goat. Other remains in Trench 5, fill 502, were from a juvenile and less distinguishable as sheep or goat. Teeth of sheep/goat were seen in Trench 6. The bone in Trench 5, fill 503 had been chopped.

### *Pig/boar*

Fragments of juvenile pigs were seen in Trenches 5, 9 and 10. Remains in 501 had been butchered.

### *Equid*

This group was only represented by a single lower molar in Trench 2, fill 201. The relatively small size of the tooth suggests a small pony-sized animal.

### *Other bone*

There is a notable absence of small mammal, bird bone and fish in this assemblage. Adverse soil conditions may be responsible for a loss of smaller bones. A recovery bias may play a part and sieved samples could increase the chance of the recovery of smaller species.

### **Conclusions**

The assemblage from this site is largely represented by the main domestic food mammals, with butchering attesting to their use for meat and the assemblage is typical of many small assemblages of a Roman to saxon date range. The cattle would have also served a purpose as traction (plough or cart) animals and for breeding and may have provided milk. Goats were once a popular

animal that could be kept close to home for a good supply of milk and eventually meat and skins. Sheep were also more popular than cattle for milking and would have supplied additional products such as lanolin, dung for fertiliser, wool, breeding and eventually meat and skins.

The single bone of the equid shows a presence but does not provide a great deal of information. These animals would have been kept for transport and skinning evidence and some consumption is increasingly suggested in many assemblages of all periods.

The lack of smaller species in this assemblage does not rule out their presence at this site, but the lack may be due to a adverse preservation or a recovery bias. Samples for sieving may yield small species evidence in any future excavations. The lack of small species, wild animals and lack of wild boar in the porcine remains might suggest a lack of hunting, although some supplementation would be expected, as would use of eggs and feathers.

## **Plant Macrofossil**

by Val fryer

### ***Introduction***

Samples for the retrieval of the plant macrofossil assemblages were taken from seven of the excavation trenches, with a total of thirteen being submitted for assessment.

The samples were bulk floated by SAFG with the flots being collected in a 300 micron mesh sieve. The dried flots were scanned under a binocular microscope at magnifications up to x 16 and the plant macrofossils and other remains noted are listed in Table 1. Nomenclature within the table follows Stace (2010). With the exception of a single mineral replaced seed from sample 6 (pit fill (503)), all plant remains were charred. Modern roots, seeds, chaff and fungal sclerotia were also recorded.

### ***Results (Appendix 8)***

Cereals, chaff and seeds of common weeds and wetland plants are present at varying densities within all but three of the assemblages studied. Preservation is variable, with some cereals/seeds being well preserved, whilst others are severely puffed and distorted, probably as a result of combustion at very high temperatures. Much of the charcoal/charred wood is highly comminuted, most notably within the assemblages from Kiln 2 (context (1202)) and the pit recorded within trench 5 (context (501)).

Barley (*Hordeum* sp.) and wheat (*Triticum* sp.) grains are present (generally at a low density) within the pit and kiln samples, with sample 6 (503) containing a moderately high number of wheat grains. Of the latter, most are of an elongated 'drop' form typical of spelt (*T. spelta*), although occasional rounded specimens of possible bread wheat (*T. aestivum/compactum*) type are also noted. Spelt glume bases are relatively common, with sample 6 also containing a spikelet

fragment, with a single grain still tightly enclosed within the glumes. Other cereal remains are scarce, but oat (*Avena* sp.) awn fragments are noted along with a possible wild oat (*A. fatua*) floret base. Possible indeterminate cereal grain fragments are present within linear fill (602) (sample 11) and hearth fills (1004) and (1007) (samples 4 and 5). Detached sprouts from germinated grains are recorded within the assemblages from samples 2 (kiln 1) and 6 (503 pit), with the latter also including silica skeletons of cereal awn. These are formed when chaff is burnt at a high temperature within well-oxygenated conditions, leaving only a silica skeleton of the original material.

Seeds of common segetal weeds and grassland herbs are present within most samples, although mostly as single specimens within an assemblage. Taxa noted most frequently include stinking mayweed (*Anthemis cotula*), orache (*Atriplex* sp.), brome (*Bromus* sp.), small legumes (Fabaceae), black bindweed (*Fallopia convolvulus*), goosegrass (*Galium aparine*), corn gromwell (*Lithospermum arvense*), grasses (Poaceae) and dock (*Rumex* sp.). Wetland plant macrofossils, including sedge (*Carex* sp.) and club-rush (*Eleocharis* sp.) nutlets, are present within the pit fills, with a single spike-rush nutlet also occurring within kiln 2. The assemblage from sample 6 (503) also includes a single, small fragment of hazel (*Corylus avellana*) nutshell.

Highly comminuted charcoal/charred wood fragments are present throughout, with occasional larger pieces also being recorded. Other plant macrofossils occur infrequently, but the assemblage from sample 6 (503) does include numerous fragments of heather (Ericaceae) stem along with ling (*Calluna vulgaris*) florets.

The fragments of black porous and tarry material are all thought to be residues of the combustion of organic materials (including cereal grains) at very high temperatures. The assemblages from trench 5 also include siliceous globules, which are probably derived from the high temperature combustion of straw/grass or silica rich ash. Other remains are less common, but small bone fragments are noted along with pellets of burnt/fired clay and occasional small mammal or amphibian bones.

### **Conclusions**

In summary, on the basis of the plant macrofossil evidence, the following suggestions are made:

Only one sample from the post-holes (Trench 3) has been submitted, so it is unclear how representative this one assemblage may be. However, it would appear that the building was kept very clean, with only occasional fragments of charcoal and bone being noted within post-pit (205), all of which are probable accidental inclusions within the feature fill.

Both assemblages associated with Kiln 1 are chaff dominant, possibly indicating that cereal processing waste was used as tinder, kindling or fuel within the kiln. This is common within similar features of Roman date, and it

would appear that chaff was probably traded as fuel (Van der Veen 1999) as required. It is noted that both assemblages also contain small pieces of bone, possibly suggesting that the structures were occasionally used for the preparation of foodstuffs. Again, this practise has numerous parallels across Roman Britain.

Charred cereal processing waste is also noted within the samples from Trench 5 pit. Cereals are relatively common in sample 6 (along with seeds of a similar size to the grains), and it is suggested that the material within this assemblage may have been generated during late hand stage processing, which would occur immediately prior to consumption/use. The abundance of heather within the same assemblage may indicate that materials derived from oven fuel are also present. Heather was greatly favoured as a fuel within such contexts, as it was generally readily available, it ignited easily and maintained an even, high temperature throughout combustion. The remaining assemblages from Trench 5 are more consistent with those from the kiln and it would, therefore, appear that the pit was used for the deposition of mixed refuse from both 'domestic' and 'industrial' origins. This may have included flooring or thatching materials derived from nearby wetland habitats.

The single assemblage from Trench 6 (sample 11) is extremely small (i.e. considerably <0.1 litres in volume) and very limited in composition. It would appear most likely that the few remains which are recorded are derived from scattered refuse, which was accidentally incorporated within the feature fill.

The oven assemblages from Trench 10 (samples 4, 5 and 7) are also very limited in composition, containing only a few comminuted charcoal fragments. Although this may appear surprising, hearths posed such an extreme fire risk to any adjacent structures that they were frequently cleaned out after each period of use.

The single assemblage from kiln 2 (sample 10) is essentially the same as those from kiln 1, and it would appear that the remains are again derived from the use of cereal processing waste and dried herbage as tinder, kindling or fuel.

Plant macrofossils are all but absent within the Early Saxon ditch recorded in Trench 14. The few flecks of charcoal which are noted are almost certainly derived from wind-dispersed detritus. As plant remains from any earlier activity appear to be entirely absent, it is suggested that the Roman area of use/occupation may have been well demarcated to the south-east.

## Conclusions

The earliest activity on site dates to the earlier Neolithic. Evidence for this came from the assemblage of struck flints, a significant number of which were found in Trench 14. The context these were retrieved from was described as 'animal disturbance'. It is therefore likely that an earlier Neolithic feature had been disturbed by this animal action. Other struck flints characteristic of this date

were retrieved from Trenches 2 and 5, and occasional pieces more typical of later dates were present in very small numbers from across the site. Overall then a prehistoric presence has been recorded with the main period of activity being the earlier Neolithic.

The vast majority of the finds and features date from the Roman period. The two kilns recorded were of the same type being up-draught Roman pottery kilns. The kiln structures had a clay lined circular chamber with an integral large 'bollard'-type pedestal with a single flu leading to a large stoke hole. The kiln in Trench 3 was the better preserved of the two. It's trefoil stoke-hole is rather unusual and may suggest earlier kilns had been constructed in the same location. This type of kiln is typical of north Suffolk and similar examples have previously been excavated. Maynard reported on a nearly identical kiln found at nearby Wattisfield (Maynard *et al* 1936), which led to this central bollard kiln design being later defined by Vivien Swan at the Wattisfield-type (East Anglian) (Swan 1984, p. 77, fig. VXII & p. 115).

Of the two kilns, that in Trench 12 is the earliest dating from the late 1st to mid second centuries, and it produced both reduced and oxidised jars and dishes. The later Trench 3 kiln dated from the mid 2nd to 3rd centuries and produced globular jars and dishes.

The ovens seen in Trench 10 are typical of rural Roman sites, elsewhere they have been found in groups within agricultural buildings (Lyons forthcoming). No pottery was found from these features so their date within the Roman period is unknown.

Other Roman features included a large pit (Trench 5) and ditches (Trenches 6, 7, 9, 13 and 14) which probably formed part of field systems. The pit contained pottery of a wide date range from the late 2nd to 3rd centuries and the 4th century. One unusual sherd represents a cheese press, while a pottery sphere from this feature is unparalleled. It's function is presently unknown. Perhaps it was a practice or decorative piece?

There is a stark contrast between the number of Roman coins and artefacts metal detected from the topsoil and the number of Roman metalwork finds from the excavated trenches. This indicates that over the subsequent centuries the site has been heavily truncated. This is a relatively common occurrence where sites have been farmed in more recent times; a similar situation has been recorded at Billingford, Norfolk (Wallis 2011). The coin loss pattern at Hinderclay closely conforms to that of east Suffolk rural Roman sites peaking in the period AD 330-348.

Within the local landscape this site is not the only known evidence of Roman activity. In 2010 the Suffolk Archaeological Field Group undertook excavations in the field to the north (Birch 2011). Excavation targeted two rectangular enclosures and a pit, all identified from aerial photography. Pottery indicated a late Iron Age to Roman date. The earlier date for this site suggests a migration of activity to the south and the current site during the Roman period. Other



evidence of Roman activity is largely limited to the occasional discovery of Roman artefacts, although a possible ploughed out pottery kiln has been recorded c.600m to the north (Suffolk Historic Environment Record RGV 025). Pottery from this kiln indicated a late 1st- to early 2nd- century date, making it contemporary with the earliest of the kilns on the Hinderclay site.

None of the excavated features were later than the Roman period although some sherds of Early Anglo-Saxon date and a late 5th- to early 6th-century cruciform brooch were found in Trench 14. The brooch is likely to have originated from a disturbed inhumation burial and a cemetery of this date has been identified on the opposite side of the nearby stream.

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## **Acknowledgements**

Heritage Lottery Fund funded the geophysical works and community outreach elements of this project and post-excavation works were supported by a grant from the Suffolk Institute of Archaeology and History.

Thanks must be expressed to the land owner, John Davie-Thornhill (Hinderclay Hall), for allowing access to the site and giving permission for the works to take place.

Excavation and initial post-excavation work was carried out by the following members of the Suffolk Archaeology Field Group (SAFG); George Barlow, Judy Booker, Lynda Bradley, Alison Brown, Gilbert Burroughs, Jack Cade, Steve Duhm, Mary Duhm, John Fulcher, Dave Griffiths, Peter Hailes, Kate Hayhow, Ian Jackson, Rhiane Keeley, Tom Lucking, Hazel Massey, Di Maywhort, Mary Pereira, Mike Pinner, John Rainer, Wendy Shanks, Pat Steward, Owen Strike, Chrissy Sullivan, Mike Taylor, Mary Jane Toulson, led by Project Director Dave Griffiths.

Suffolk County Council Archaeological Service supported the work and the SAFG would like to thank, amongst others, Jo Caruth and Jude Plouviez for their interest and advice. Subsequent to the field work Anna West provided supervision and facilities for the preparation of environmental bulk samples.

The post-excavation reporting was co-ordinated by Dave Griffiths and all finds specialist are thanked for their contribution; Sarah Bates (Struck Flint), Julie Curl (Animal Bone), Val Fryer (Environmental), Alice Lyons (Pottery) and Jude Plouviez (Metal finds). Alice Lyons also provided additional comment on the Roman kilns.

The stratigraphic text for this report was written by Heather Wallis, who also compiled the specialist contributions and produced the figures. The plates are from photographs taken by members of the SAFG.

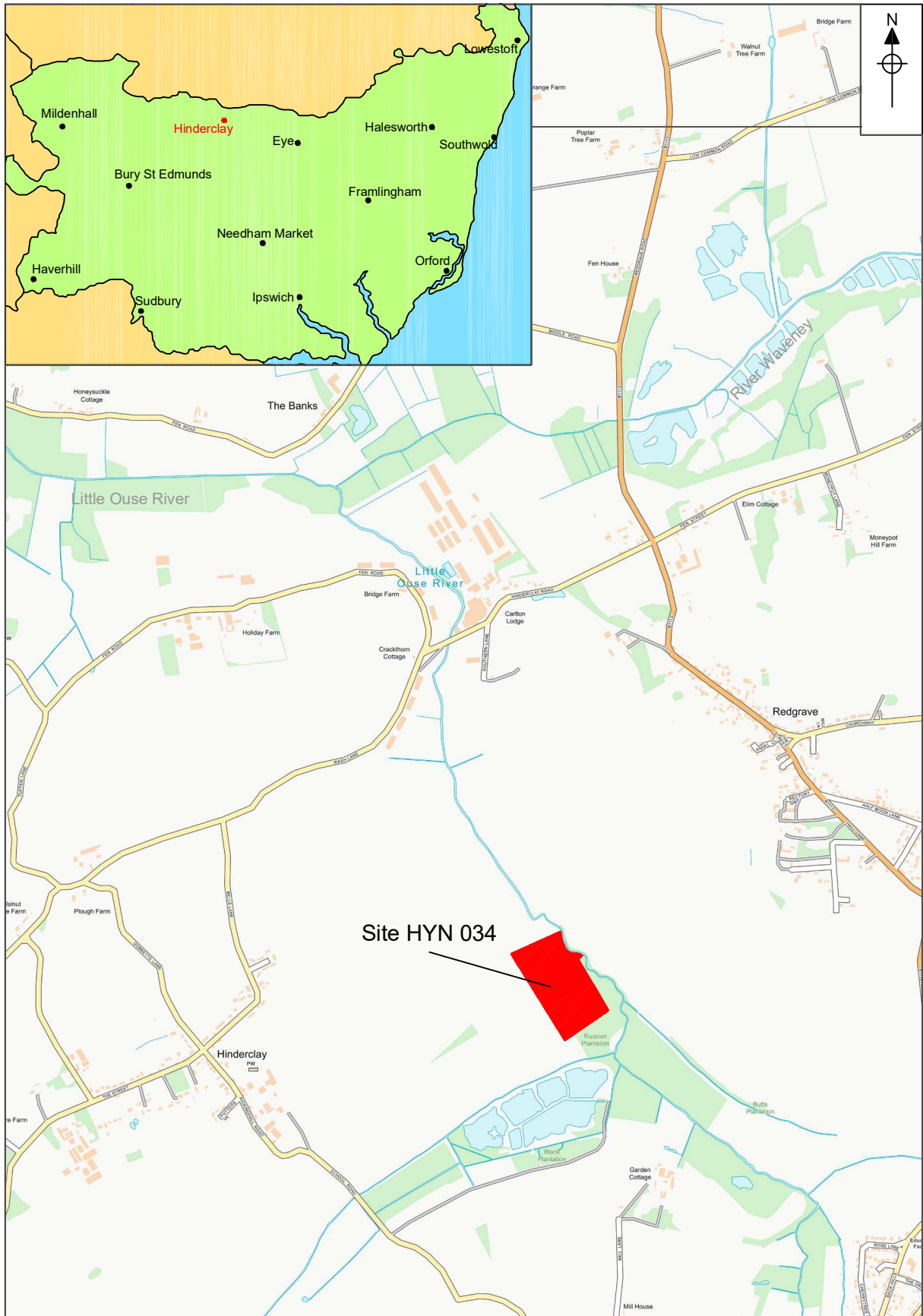


Figure 1. Site location.

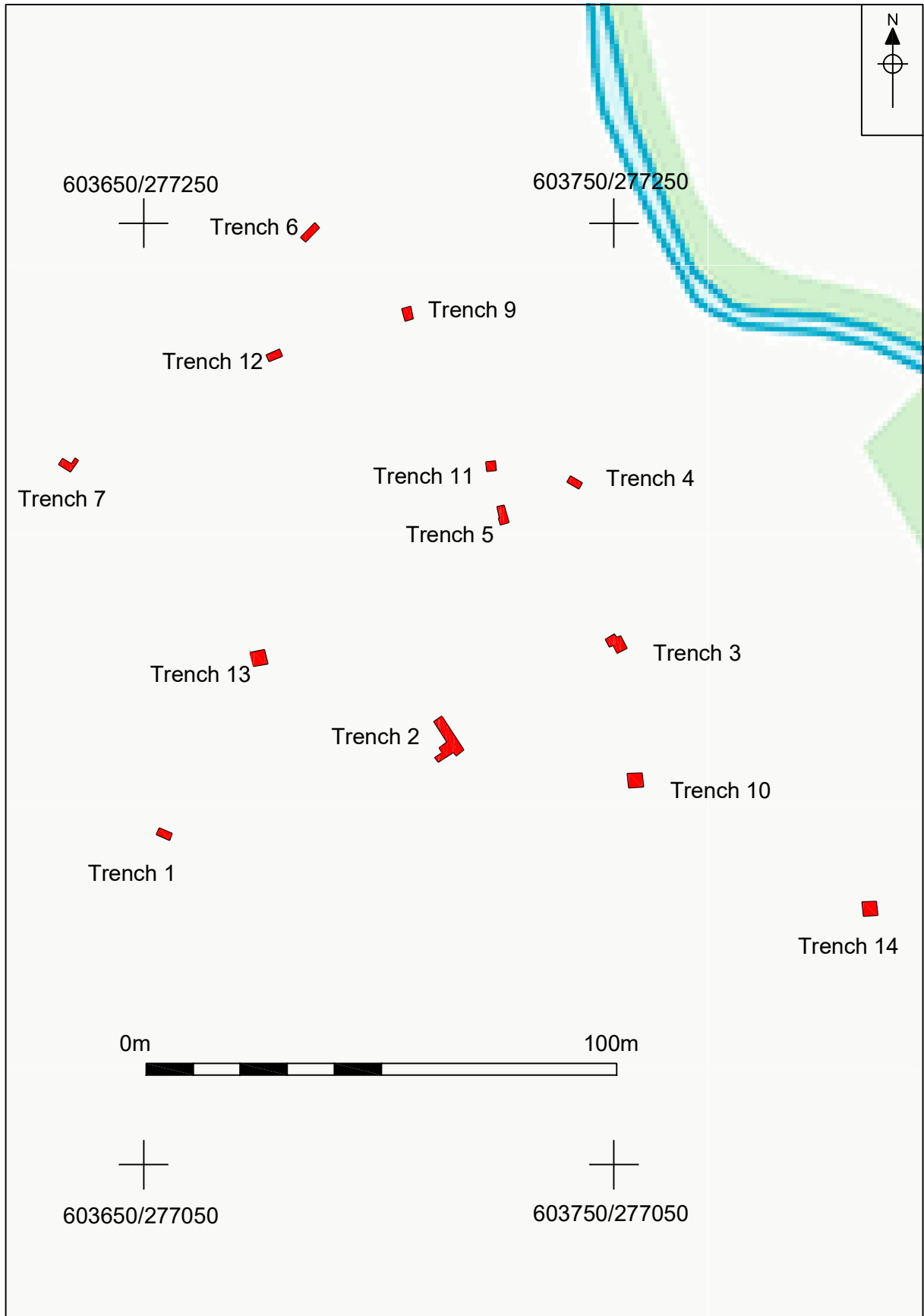


Figure 2. Trench location plan.

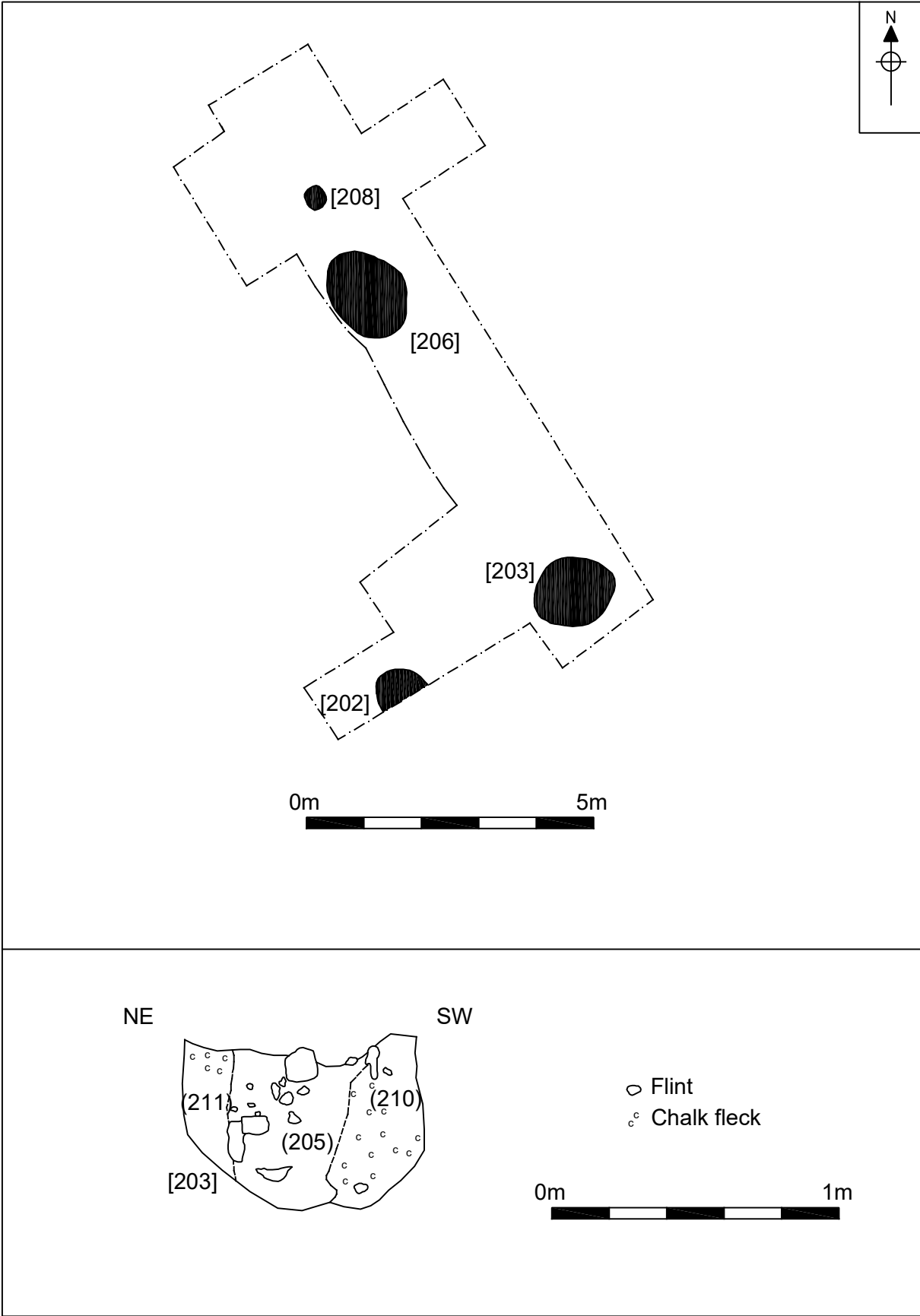


Figure 3. Trench 2 plan and section.

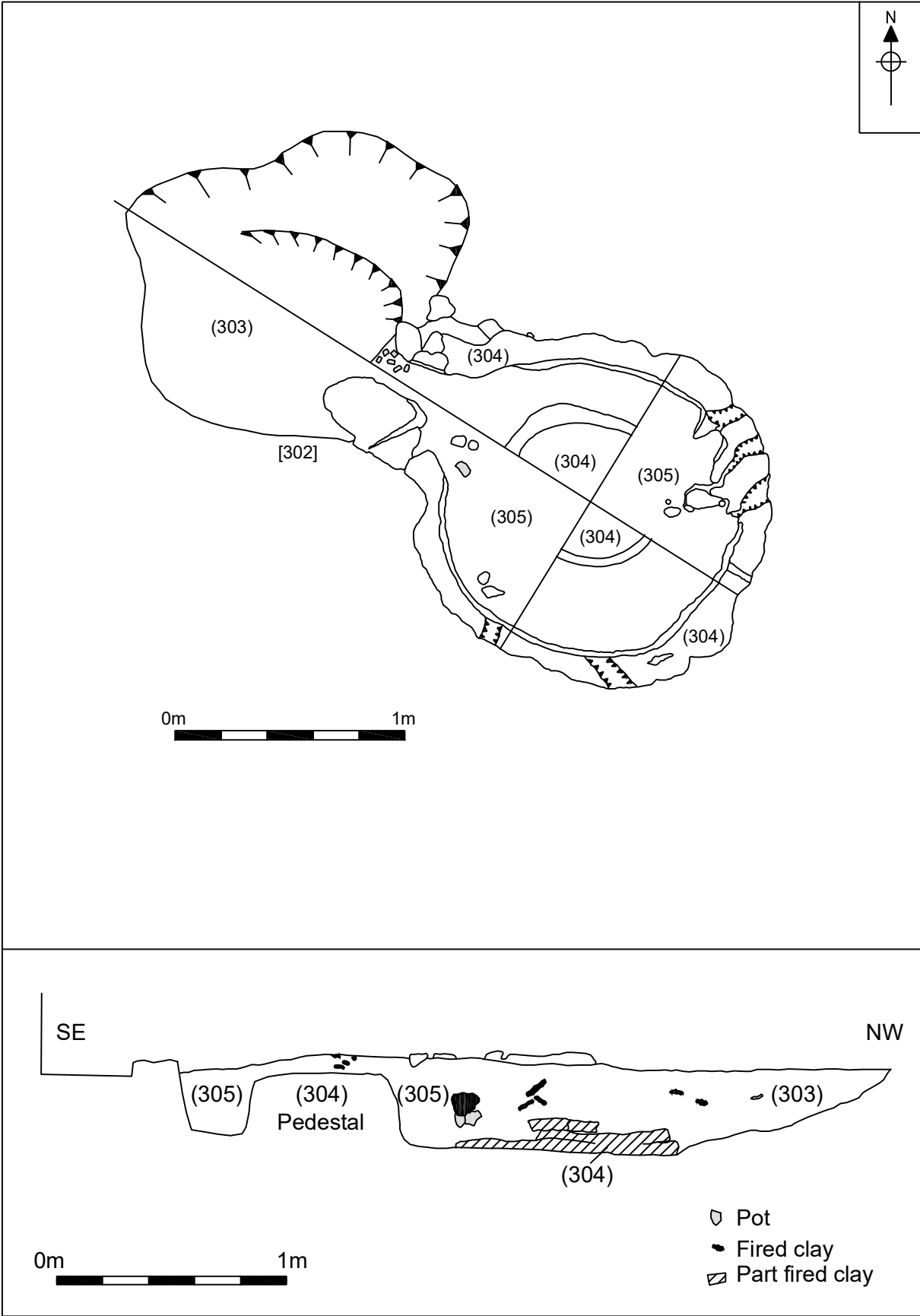


Figure 4. Trench 3 plan and section.



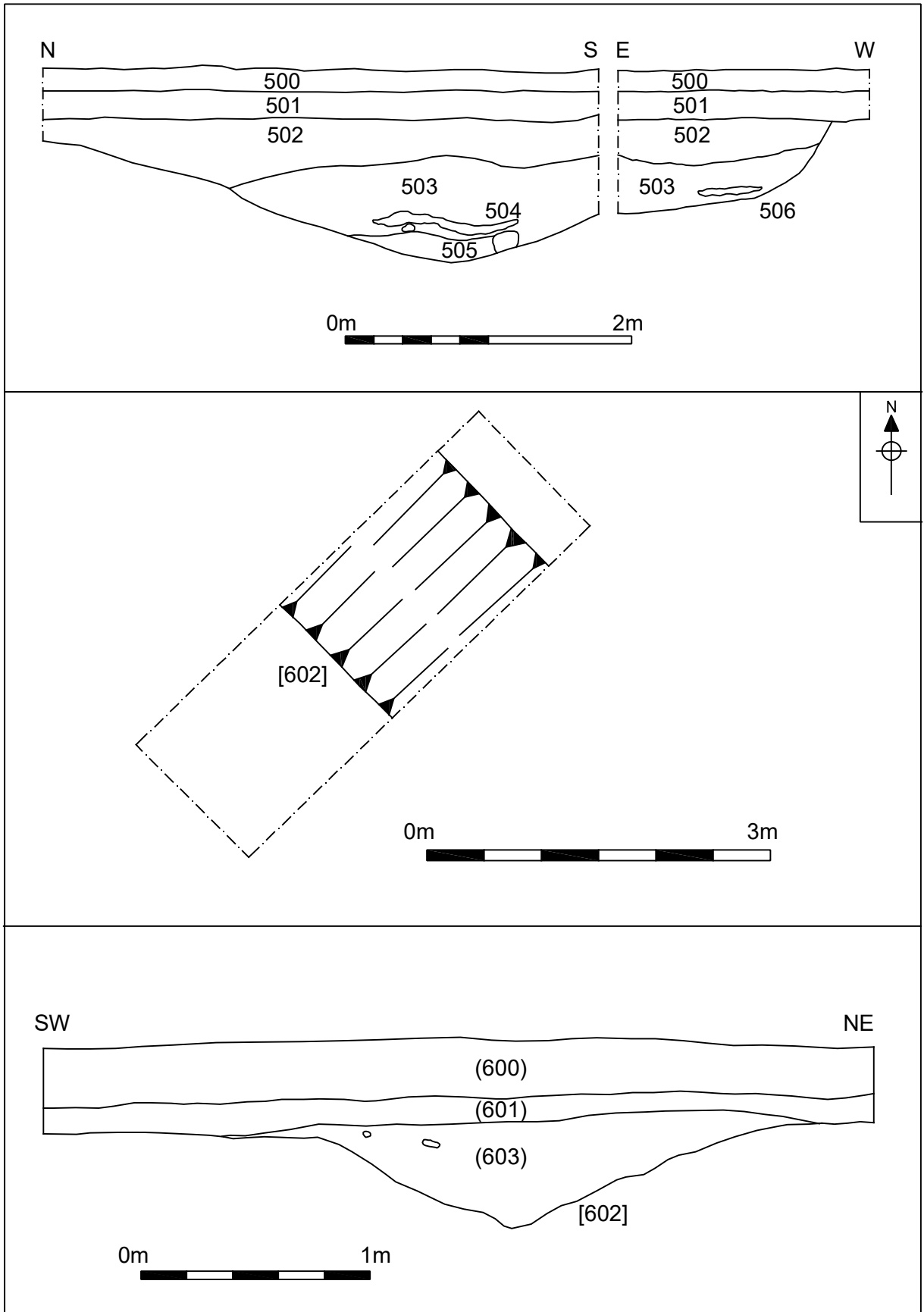


Figure 5. Trench 5 sections (top), Trench 6 plan and section (middle and bottom).

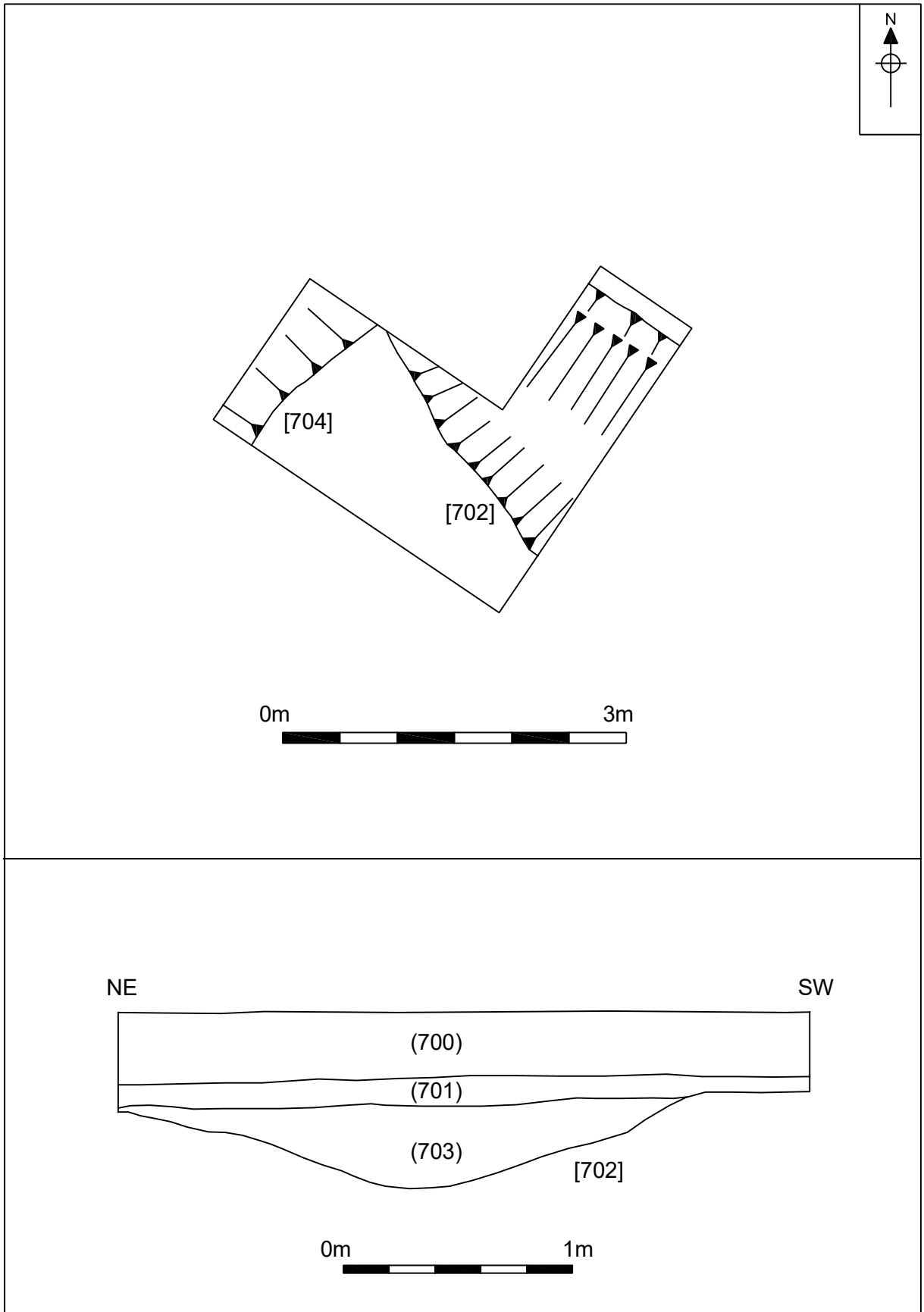


Figure 6. Trench 7 plan and section.

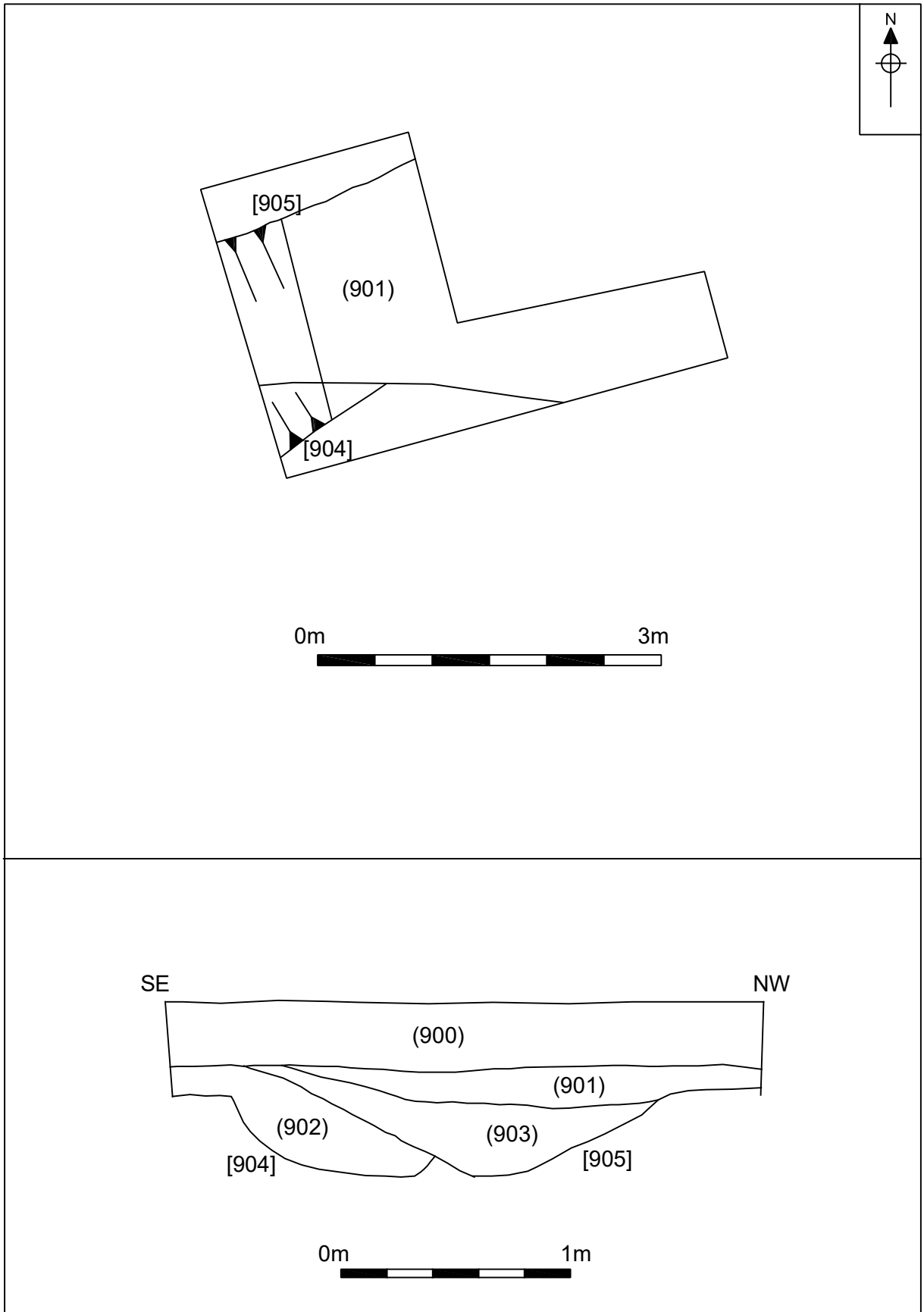


Figure 7. Trench 9 plan and section.

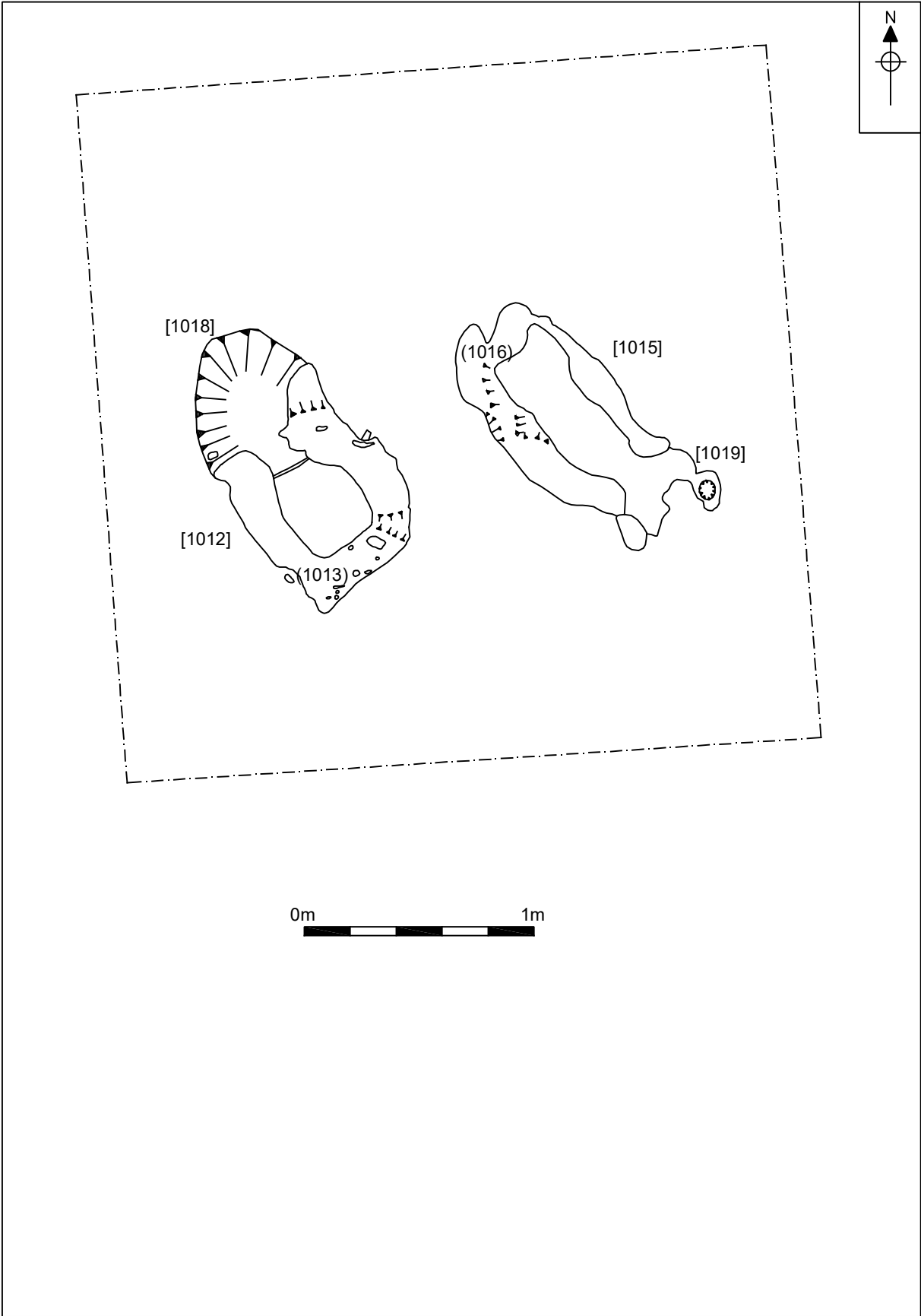


Figure 8. Trench 10 plan

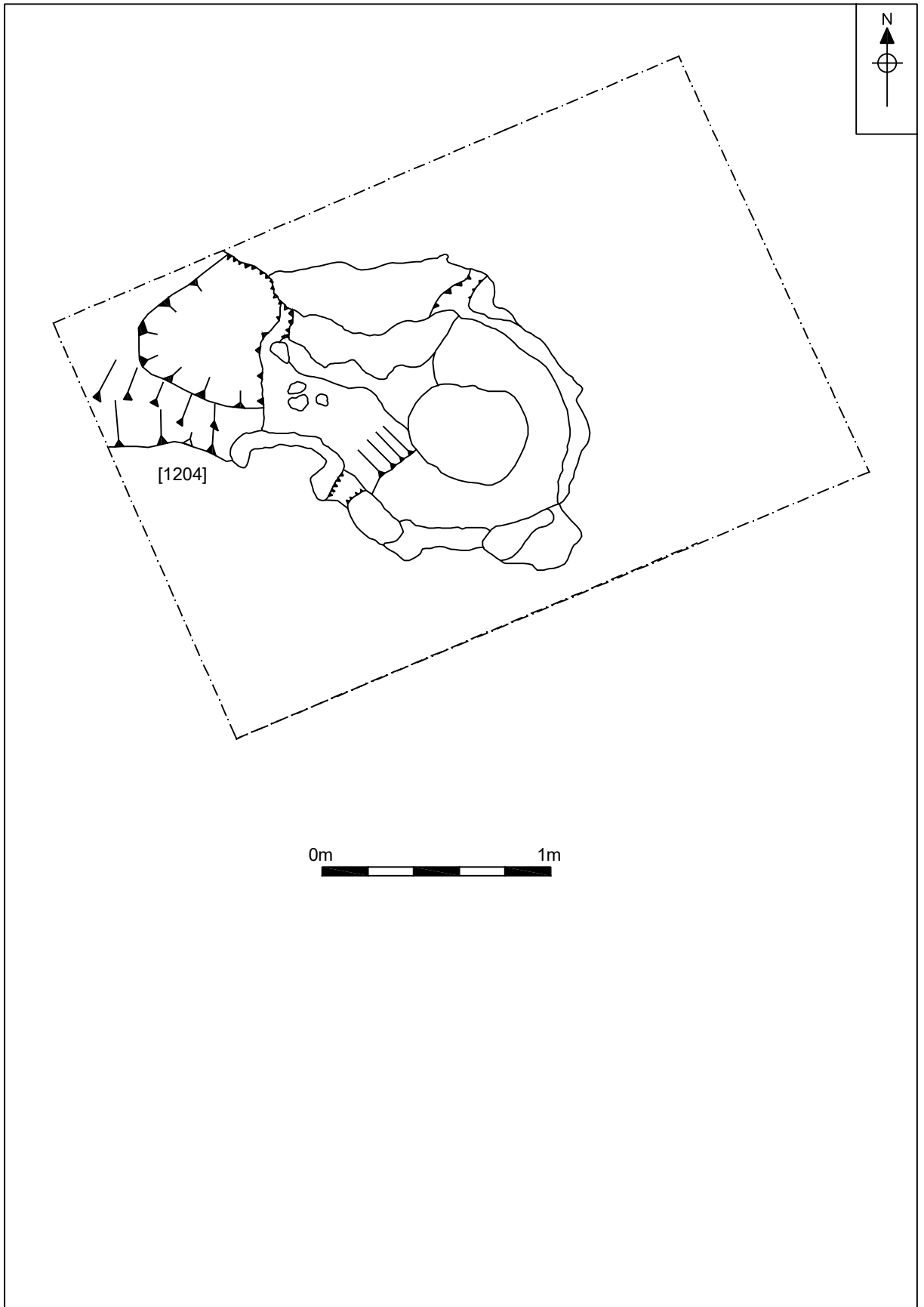


Figure 9. Trench 12 plan

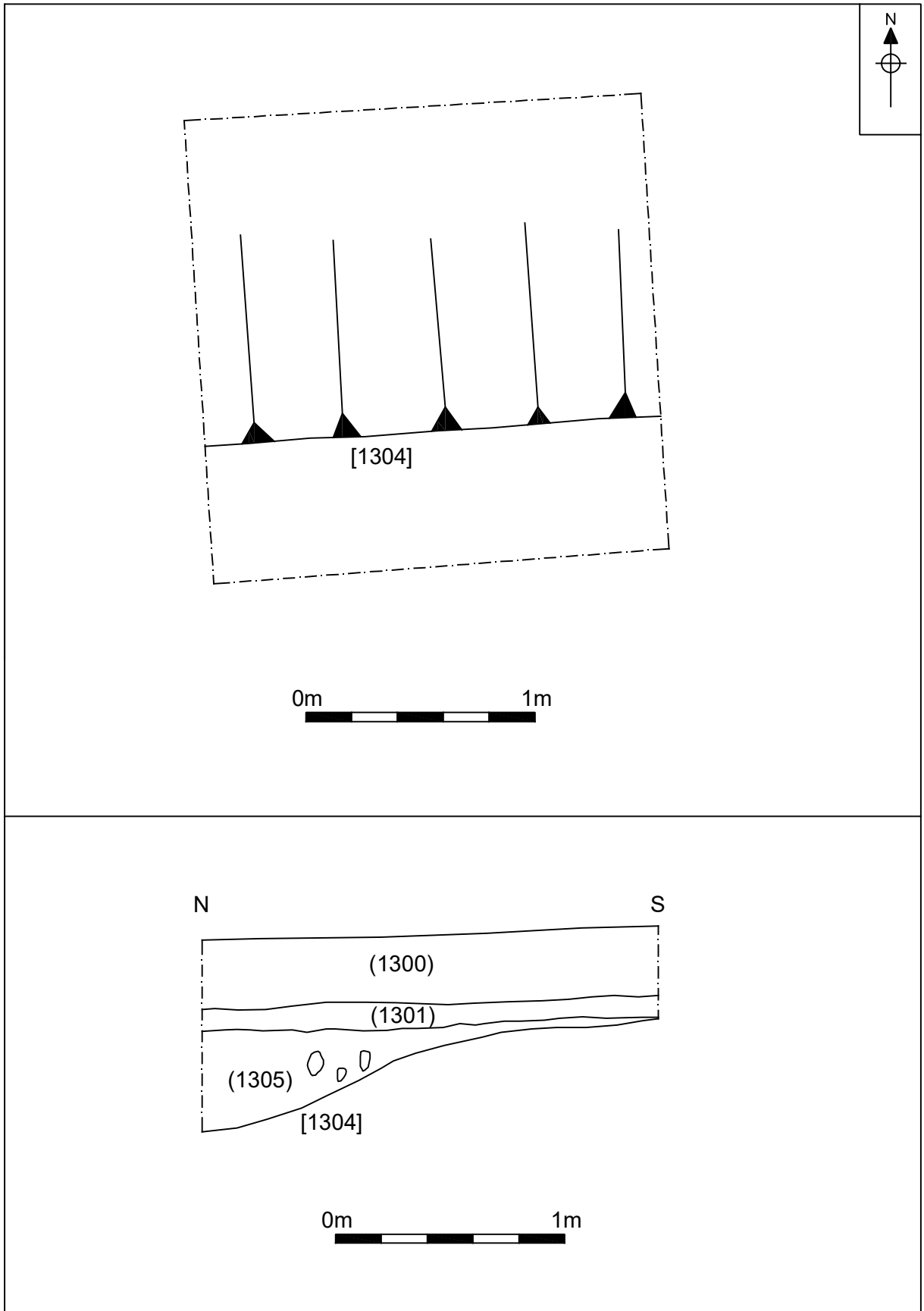


Figure 10. Trench 13 plan and section.

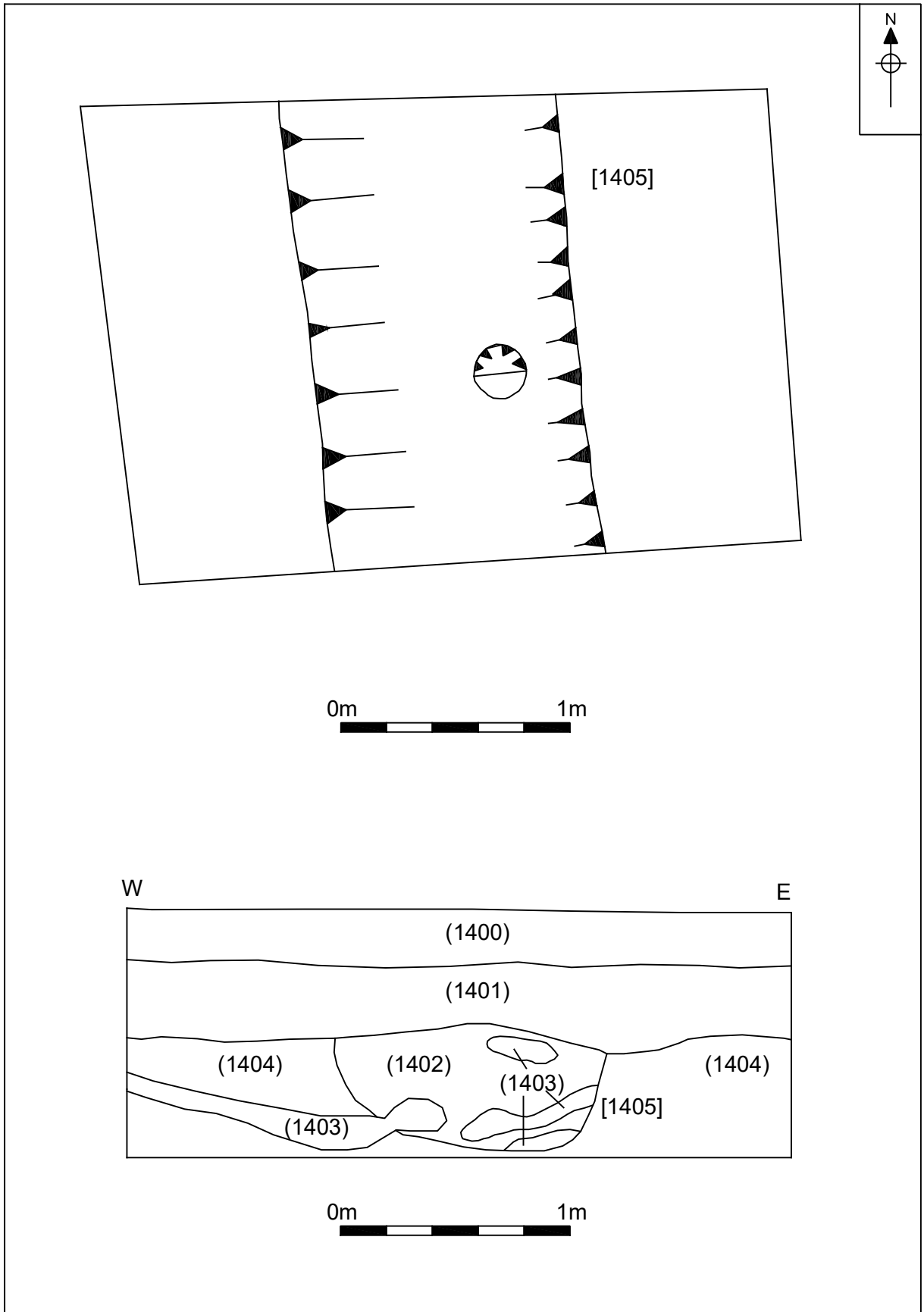


Figure 11. Trench 14 plan and section.



Plate 1. Trench 2. Post-hole 203 and 202 (in background) pre-excitation.  
Looking South-west.



Plate 2. Trench 2. Post-hole 203 half-sectioned. Looking south-east.





Plate 3. Trench 2. Straw impressed daub.



Plate 4 Trench 3. Kiln 302 under excavation. Looking north-west.



Plate 5. Trench 3. Kiln 302. Looking west.



Plate 6. Trench 3. Kiln 302. Looking south-east.



Plate 7. Trench 3. Kiln 302. Looking south-west.



Plate 8. Trench 5. Pit 506, showing clay deposit 504. Looking south-east.



Plate 9. Trench 5. Pit 506 showing pottery spread in deposit 505. Looking south-east.



Plate 10. Trench 5. Ceramic sphere from pit 506, in three pieces (left) and re-assembled (right), diameter 96mm.



Plate 11. Trench 6. Ditch 602. Looking north-west.



Plate 12. Trench 10. Ovens 1012 (left) and 1015 (right). Looking north-west.



Plate 13. Trench 10. Oven 1015. Looking south-east.



Plate 14. Trench 10. Oven 1012. Looking north-west.



Plate 15. Trench 12. Kiln 1204. Partially excavated. Looking north.



Plate 16. Trench 12. Kiln 1204. Fully excavated. Looking east.



Plate 17. Trench 14. Early Anglo-Saxon cruciform brooch.



## Appendix 1

### Trench Summary and Context List

#### Trench 1

3.0 x1.5m, 0.3m deep

Excavated to investigate linear feature visible as cropmark. No evidence of feature. No contexts used.

#### Trench 2

3.0x1.5m, 0.3m deep

Positioned to investigate part of a double row of post-holes as seen on cropmark image and initially interpreted as post-hole building.

Contexts used 200-209

| Ctxt No. | Category    | Description   |
|----------|-------------|---|
| 200      | Topsoil     | mid brown sandy silt<br>flints and chalk flecks                         |
| 201      | Subsoil     | mid grey compacted loam<br>small flints and chalk flecks                |
| 202      | Post-hole   | 0.9m wide, concave to flat<br>base steep sides                          |
| 203      | Post-hole   | 1.5x1.25, 0.60m deep,<br>vertical sides, concave base                   |
| 204      | Fill of 202 | mid grey silty sand chalk<br>flecks, frequent medium flints             |
| 205      | Fill of 203 | Post-pipe - mid grey silty<br>sand frequent large flints                |
| 206      | Post-hole   | 1.65x1.3m   |
| 207      | Fill of 206 | mid grey silty sand<br>chalk and clay flecks,<br>frequent medium flints |
| 208      | Post-hole   | 0.4x0.4, 0.14m deep,<br>concave base                                    |
| 209      | Fill of 208 | mid grey sandy loam with<br>small flints                                |
| 210      | Fill of 203 | Post- packing -.  |
| 211      | Fill of 203 | Post- packing – grey silty<br>sand occasional chalk fleck               |

**Trench 3**

Located over feature identified through geophysical survey

Contexts used 300-305

| Ctxt No. | Category          | Description   |
|----------|-------------------|---|
| 300      | Topsoil           | light grey brown loam, small flints   |
| 301      | Subsoil?          |   |
| 302      | Cut for kiln      | Overall feature 3.2m long and consists of kiln chamber, flue and stoke- pit                   |
| 303      | Fill of stoke pit | Dark grey/black sandy charcoal with fired clay fragments                                      |
| 304      | Kiln structure    | Clay lined chamber with internal diameter of c. 1.25m<br>Central clay pedestal 0.6m diameter. |
| 305      | Kiln fill         | dark loam containing burnt clay fragments   |

**Trench 4**

3.0x1.5m, 0.35m deep

Excavated to investigate geophysical anomaly. No evidence of feature.

| Ctxt No. | Category | Description    |
|----------|----------|----------------|
| 400      | Topsoil  | no description |
| 401      | Subsoil  | no description |

**Trench 5**

3.0x1.5m, later extended, and 0.3m deep

Excavated to investigate geophysical anomaly.

| Ctxt No. | Category    | Description  |
|----------|-------------|--|
| 500      | Topsoil     | dark grey loam   |
| 501      | Subsoil     | grey sandy loam small flints and grit  |
| 502      | Fill of 505 | dark brown sandy loam with grit and pebbles, 0.4m deep                           |
| 503      | Fill of 505 | black sandy loam occasional large flint, 0.45m deep                              |
| 504      | Fill of 505 | Clay with large stones, small flints flecks of chalk and fired clay, 0.08m thick |

| Ctxt No. | Category    | Description   |
|----------|-------------|---|
| 505      | Fill of 505 | No description, 0.14m deep  |
| 506      | Pit         | Concave base with regular sides. In excess of 1.4m x4m in plan and 1m deep. |

**Trench 6**

3.0x1.5m, 0.35m deep

Excavated to investigate linear cropmark feature.

| Ctxt No. | Category    | Description   |
|----------|-------------|---|
| 600      | Topsoil     | dark brown loam                                       |
| 601      | Ditch       | concave base v-shaped profile, 2m wide and 0.46m deep |
| 602      | Fill of 601 | light brown sandy silt occasional medium flint        |

**Trench 7**

3.0x1.5m, 0.35m deep, later extended

Excavated to investigate junction of two linear cropmark features.

| Ctxt No. | Category    | Description                            |
|----------|-------------|--|
| 700      | Topsoil     | dark brown loam                        |
| 701      | Subsoil     | dark grey with small and medium flints |
| 702      | Ditch       | poorly defined, broad concave base     |
| 703      | Fill of 702 | sandy loam with medium flints          |
| 704      | Ditch       | flat base                              |
| 705      | Fill of 704 | no sheet                               |

**Trench 8**

Not excavated

**Trench 9**

2x2m, 0.35-0.4m deep

Excavated to investigate two linear cropmark features.

| Ctxt No. | Category | Description         |
|----------|----------|---------------------|
| 900      | Topsoil  | mid grey sandy loam |
| 901      | Subsoil  | brown sandy silt    |

| Ctxt No. | Category    | Description   |
|----------|-------------|---|
| 902      | Fill of 904 | grey brown sandy loam   |
| 903      | Fill of 905 | mottled yellow/brown/grey sandy clay with pale yellow sand lenses |
| 904      | Ditch       | 0.9m wide, 0.4m deep, flatish base with broad-U-shaped profile    |
| 905      | Ditch       | 1.5m wide, 0.35m deep, concave base with wide V-shaped profile    |

### Trench 10

2x2m, 0.35m deep

Excavated to investigate two magnetometer anomalies features.

NB. Plans, context register, photographs and context descriptions did not correlate correctly so new numbers have been issued and are listed below.

| Ctxt No. | Category     | Description  |
|----------|--------------|--|
| 1010     | Topsoil      | dark brown sandy silt<br>occasional small flint  |
| 1011     | Subsoil      | mid brown sandy silt<br>moderate medium flints   |
| 1012     | West Oven    | comprising clay lined-chamber and stokehole<br>overall dimensions<br>1.25mx0.7m, base uneven   |
| 1013     | Fill of 1012 | part of 1012, structure of clay lined oven, internal chamber<br>0.45x0.35m, narrow 'flue' at NE end 0.12m wide   |
| 1014     | Fill of 1012 |  |
| 1015     | Oven         | comprising clay lined-chamber and stokehole<br>overall dimensions<br>1.3mx0.55m, cut flat bottomed with vertical sides   |
| 1016     | Fill of 1015 | part of 1015, structure of clay lined oven, internal chamber<br>0.78x0.27m, unevenly constructed, wall thickness between 0.1 and 0.2m.<br>Interior soft pliable clay but slightly reddish. clay forms circle at one end, possibly pushed around an upright post. |

| Ctxt No. | Category     | Description  |
|----------|--------------|--|
| 1017     | Fill of 1015 | Gritty sandy silt                                      |
| 1018     | Stoke hole   | part of 1012   |
| 1019     | Stoke hole   | part of 1015, irregular outline with charcoal staining |

**Trench 11**

3.0x1.5m, 0.25m deep

Excavated to investigate magnetometer anomaly. Modern wire found. No contexts used.

**Trench 12**

2x2m, later enlarged, 0.4m deep

Excavated to investigate magnetometer anomaly.

| Ctxt No. | Category          | Description   |
|----------|-------------------|---|
| 1200     | Topsoil           | brown loam, small flints  |
| 1201     | Subsoil           | grey brown loam, small flints   |
| 1202     | Fill of stokehole | black loose soil with charcoal, large flints to base of deposit                             |
| 1203     | Kiln structure    | slightly oval fired clay lined chamber measuring 0.88x0.94m. Central oval pedestal 0.4x0.5m |
| 1204     | Cut for kiln      | Overall feature over 2.3m long and consists of kiln chamber, flue and stoke- pit            |

**Trench 13**

2x2m, 0.35m deep

Excavated to investigate a possible feature found by magnetometer.

| Ctxt No. | Category     | Description   |
|----------|--------------|---|
| 1300     | Topsoil      | Brown loam occasional small stone                                     |
| 1301     | Subsoil      | Dark grey brown sparse small stone                                    |
| 1302     | Fill of 1304 | Dark red ferrous rich sand, fragments within main fill 1305           |
| 1303     | Natural      |   |
| 1304     | Ditch        | North-east to south west aligned, not full seen in trench, 0.45m deep |

| Ctxt No. | Category     | Description   |
|----------|--------------|---|
| 1305     | Fill of 1304 | Dark grey with small stones and fragments of ferrous rich sand (1302) |

**Trench 14**

2x2m, 0.55m deep

Excavated to investigate ring ditch found by magnetometer.

| Ctxt No. | Category     | Description                                   |
|----------|--------------|---|
| 1400     | Topsoil      | Dark grey loam with occasional small stones   |
| 1401     | Subsoil      | Grey loam with occasional small flints        |
| 1402     | Fill of 1405 | Brown orange sand with flints, loose          |
| 1403     | Fill of 1405 | Light brown silty sand                        |
| 1404     | Natural      |   |
| 1405     | Ditch        | North-south aligned, 1.2m wide and 0.56m deep |

## Appendix 2 Finds Summary

### Finds by Context

| Context | Pot | Flint | Burnt<br>Flint | Bone | Fired<br>Clay | CBM | Fe | Lava |
|---------|-----|-------|----------------|------|---------------|-----|----|------|
| 100     | 4   | 2     |                |      |               | 8   | 4  |      |
| 200     | 62  | 18    | 12             | 15   |               | 28  | 5  |      |
| 201     | 38  | 5     | 7              | 5    |               | 2   |    |      |
| 205     | 14  |       |                | 18   |               |     |    |      |
| 300     | 83  | 19    | 1              |      | 47            | 6   | 7  |      |
| 301     | 24  |       |                | 1    | 30            |     |    | 1    |
| 303     | 259 | 1     |                | 8    | 316           |     |    |      |
| 304     |     |       |                |      | 97            |     |    |      |
| 305     | 27  |       |                |      | 180           |     |    |      |
| 400     | 4   |       | 2              |      |               | 1   | 1  |      |
| 500     | 44  | 1     | 1              | 18   |               | 1   | 1  |      |
| 501     | 286 | 14    | 4              | 42   | 4             | 6   |    |      |
| 502     | 206 | 3     | 6              | 16   | 13            | 5   | 1  |      |
| 503     | 112 | 2     |                | 25   | 5             | 2   | 1  |      |
| 504     |     |       |                |      | 33            |     |    |      |
| 505     | 59  |       |                | 19   |               |     |    |      |
| 600     |     | 7     | 3              | 1    |               | 1   |    |      |
| 601     | 4   |       | 4              | 27   |               |     |    |      |
| 602     |     |       |                |      |               |     |    |      |
| 603     | 15  | 4     | 4              | 45   |               | 1   |    |      |
| 701     | 43  |       |                |      |               |     |    |      |
| 703     | 3   | 2     |                |      |               |     |    |      |
| 1000    | 29  | 1     | 1              |      |               | 1   |    |      |
| 1001    | 86  | 4     |                | 16   | 19            | 2   |    |      |
| 1004    | 8   | 1     |                |      | 30            |     |    |      |
| 1007    | 3   |       |                | 2    | 19            |     |    |      |
| 1008    | 1   |       |                |      | 1             |     |    |      |
| 1009    |     |       |                |      |               |     |    |      |
| 1202    | 308 |       |                |      | 7             |     |    |      |
| 1301    | 86  | 2     |                | 3    | 4             |     |    |      |
| 1302    | 76  |       |                | 20   | 1             |     | 6  |      |
| 1401    | 7   | 3     |                |      |               | 1   |    |      |
| 1402    | 10  | 21    | 5              | 3    |               |     |    |      |
| 1403    | 8   | 25    | 24             | 2    |               |     |    |      |

(Note that finds recorded as context 501 are more probably from the upper pit fill 502)



## Appendix 3

### Pottery

by Alice Lyons

#### Pottery Catalogue

| Context | Fabric | Description | Form     | Type | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date |
|---------|--------|-------------|----------|------|----------------|------------|----------|-----|----------|
| 100     | SGW    | B           | JAR      |      | 1              | 21         |          |     | LC1-C4   |
| 100     | SGW    | U           | JAR/BEAK |      | 1              | 1          |          |     | LC1-C4   |
| 100     | SGW    | R           | JAR      | 4.13 | 1              | 7          | 16       | 5   | LC1-C4   |
| 100     | SGW    | R           | SJAR     | 4.14 | 1              | 28         | 4        |     | LC1-C4   |
| 200     | NVCC   | RD          | BEAKER   | 3.6  | 2              | 2          | 5        | 17  | MC2-C3   |
| 200     | NVOW   | U           | MORT     | 7    | 1              | 14         |          |     | MC2-C4   |
| 200     | SAM    | U           |          |      | 2              | 5          |          |     | C2       |
| 200     | SGW    | RUDB        | JAR/SJAR | 4    | 54             | 445        |          |     | LC1-C4   |
| 200     | SREDW  | U           | JAR      | 4    | 2              | 15         |          |     | MC1-C4   |
| 201     | SAM    | U           |          |      | 1              | 7          |          |     | C2       |
| 201     | SGW    | UDB         | JAR      |      | 26             | 151        |          |     | LC1-C4   |
| 201     | SGW    | R           | FDISH    | 6.17 | 1              | 34         | 18       | 10  | MC3-EC5  |
| 201     | SGW    | R           | DISH     | 6.19 | 1              | 1          | 16       | 4   | C2-C4    |
| 201     | SGW    | R           | LID      | 8.1  | 1              | 7          | 18       | 6   | MC1-C3   |
| 201     | SGW    | R           | DISH     | 6.19 | 1              | 6          | 18       | 5   | C3-C4    |
| 201     | SGW    | R           | LID      | 8.1  | 1              | 3          | 16       | 4   | MC1-C3   |

| Context | Fabric  | Description | Form     | Type  | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date |
|---------|---------|-------------|----------|-------|----------------|------------|----------|-----|----------|
| 201     | SGW     | R           | JAR      | 4.5   | 1              | 4          | 16       | 8   | LC1-C4   |
| 201     | SREDW   | U           | JAR      |       | 3              | 8          |          |     | LC1-C4   |
| 201     | SREDW   | RU          | DISH     | 6.19  | 2              | 4          |          |     | MC1-C4   |
| 201     | SGW     | U           | JAR      |       | 2              | 27         |          |     | MC1-C4   |
| 300     | NVCC    | U           | JAR      |       | 1              | 4          |          |     | C3-C4    |
| 300     | PAKE CC | U           | JAR      |       | 1              | 4          |          |     | C3-C4    |
| 300     | SGW     | UDB         | JAR      |       | 65             | 352        |          |     | LC1-C4   |
| 300     | SOW     | UB          | JAR/FLAG |       | 3              | 13         |          |     | MC1-C3   |
| 301     | SGW     | U           | JAR      |       | 14             | 65         |          |     | LC1-C4   |
| 301     | SGW     | B           | JAR      |       | 1              | 43         |          |     | LC1-C4   |
| 301     | SGW     | D           | JAR      |       | 4              | 27         |          |     | MC1-C3   |
| 301     | SGW     | R           | JAR      | 4.5   | 4              | 23         | 14       | 20  | LC1-C4   |
| 301     | SGW     | R           | DISH     | 6.18  | 1              | 7          | 16       | 7   | MC2-C3   |
| 301     | SGW     | R           | DISH     | 6.19  | 1              | 6          | 18       | 5   | C2-C4    |
| 303     | SGW     | UD          | JAR      |       | 186            | 2097       |          |     |          |
| 303     | SGW     | R           | JAR      | 4.5   | 2              | 100        | 15       | 36  | LC1-C3   |
| 303     | SGW     | R           | JAR      | 4.5   | 2              | 58         | 14       | 44  | LC1-C3   |
| 303     | SGW     | R           | JAR      | 4.5   | 2              | 23         | 11       | 26  | LC1-C3   |
| 303     | SGW     | R           | JAR      | 4.5.3 | 1              | 34         | 14       | 12  | LC2-C3   |
| 303     | SGW     | R           | JAR      | 4.5   | 1              | 35         | 15       | 18  | LC1-C4   |
| 303     | SGW     | R           | JAR      | 4.5.3 | 1              | 63         | 14       | 22  | LC2-C3   |
| 303     | SGW     | R           | JAR      | 4.5.3 | 1              | 28         | 13       | 19  | LC2-C3   |
| 303     | SGW     | R           | JAR      | 4.5.3 | 1              | 35         | 11       | 22  | LC2-C3   |
| 303     | SGW     | R           | JAR      | 4.5.3 | 1              | 61         | 14       | 19  | LC2-C3   |
| 303     | SGW     | R           | JAR      | 4.5.3 | 1              | 30         | 16       | 14  | LC2-C3   |

| Context | Fabric | Description | Form | Type  | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date |
|---------|--------|-------------|------|-------|----------------|------------|----------|-----|----------|
| 303     | SGW    | R           | JAR  | 4.5.3 | 1              | 34         | 14       | 17  | LC2-C3   |
| 303     | SGW    | R           | JAR  | 4.5.3 | 1              | 22         | 13       | 18  | LC2-C3   |
| 303     | SGW    | R           | JAR  | 4.5.3 | 1              | 20         | 14       | 10  | LC2-C3   |
| 303     | SGW    | R           | JAR  | 4.5.3 | 1              | 12         | 14       | 13  | LC2-C3   |
| 303     | SGW    | R           | JAR  | 4.5   | 1              | 7          |          |     | LC1-C4   |
| 303     | SGW    | R           | JAR  | 4.5   | 1              | 16         | 22       | 13  | LC1-C4   |
| 303     | SGW    | R           | BEAK | 3.6   | 1              | 3          | 9        | 11  | MC2-C3   |
| 303     | SGW    | R           | JAR  | 4.5   | 1              | 7          | 14       | 10  | LC1-C4   |
| 303     | SGW    | R           | JAR  | 4.5   | 1              | 13         | 16       | 10  | LC1-C4   |
| 303     | SGW    | R           | JAR  | 4.5   | 1              | 9          | 14       | 14  | C1-C4    |
| 303     | SGW    | R           | JAR  | 4.5.4 | 2              | 34         | 22       | 14  | C2-C4    |
| 303     | SGW    | R           | JAR  | 4.5.4 | 1              | 16         | 20       | 7   | C2-C4    |
| 303     | SGW    | R           | JAR  | 4.13  | 1              | 1          | 14       | 7   | C2-C4    |
| 303     | SGW    | R           | DISH | 6.18  | 10             | 68         |          |     | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 52         | 12       | 8   | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 62         | 28       | 10  | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 43         | 28       | 8   | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 16         | 16       | 10  | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 117        | 28       | 13  | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 79         | 22       | 15  | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 95         | 24       | 12  | MC2-C3   |
| 303     | SGW    | P           | DISH | 6.18  | 1              | 116        | 12       | 13  | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 32         | 22       | 10  | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 32         | 18       | 12  | MC2-C3   |
| 303     | SGW    | R           | DISH | 6.18  | 1              | 21         | 18       | 10  | MC2-C3   |

| Context | Fabric | Description | Form     | Type  | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date |
|---------|--------|-------------|----------|-------|----------------|------------|----------|-----|----------|
| 303     | SGW    | R           | DISH     | 6.18  | 1              | 24         | 24       | 7   | MC2-C3   |
| 303     | SGW    | R           | DISH     | 6.18  | 1              | 21         | 18       | 10  | MC2-C3   |
| 303     | SGW    | R           | DISH     | 6.18  | 1              | 27         | 16       | 7   | MC2-C3   |
| 303     | SGW    | R           | DISH     | 6.18  | 1              | 34         | 26       | 8   | MC2-C3   |
| 303     | SGW    | P           | DISH     | 6.18  | 1              | 68         | 16       | 5   | MC2-C3   |
| 303     | SGW    | R           | DISH     | 6.19  | 1              | 4          | 14       | 5   | C3-C4    |
| 303     | SGW(Q) | U           | JAR/BOWL |       | 2              | 16         |          |     | C3-C4    |
| 303     | SREDW  | D           | JAR      |       | 4              | 103        |          |     | LC1-C4   |
| 303     | SREDW  | UB          | JAR      |       | 8              | 79         |          |     | LC1-C4   |
| 303     | SREDW  | R           | JAR      | 4.5.3 | 2              | 26         | 16       | 21  | LC2-C4   |
| 303     | SREDW  | R           | JAR      | 4.5   | 2              | 51         | 20       | 18  | LC1-C4   |
| 303     | SREDW  | R           | DISH/LID | 6.19  | 1              | 8          | 18       | 6   | C3-C4    |
| 303     | STW    | U           | JAR      |       | 1              | 11         |          |     | C3-C4    |
| 305     | SGW    | R           | JAR      | 5.4   | 1              | 9          | 12       | 8   | LC1-C2   |
| 305     | SGW    | UB          | JAR      |       | 23             | 260        |          |     | LC1-C4   |
| 305     | SGW    | D           | JAR      |       | 3              | 29         |          |     | LC1-C4   |
| 400     | SGW    | UB          | JAR      |       | 3              | 44         |          |     | MC1-C4   |
| 400     | SREDW  | U           | SJAR     |       | 1              | 27         |          |     | MC1-C2   |
| 500     | SAM    | U           |          |       | 1              | 1          |          |     | LC1-EC2  |
| 500     | SGW    | UD          | JAR      |       | 30             | 238        |          |     | LC1-C2   |
| 500     | SGW    | UB          | JAR      |       | 2              | 51         |          |     | LC1-C2   |
| 500     | SGW    | B           | JAR      |       | 2              | 27         |          |     | LC1-C4   |
| 500     | SGW    | R           | PLAT     | 6.22  | 1              | 12         | 10       | 7   | LC1-C2   |
| 500     | SGW    | R           | JAR      | 4.5.4 | 1              | 23         | 22       | 7   | C2-C4    |
| 500     | SGW    | R           | JAR      | 4.5.3 | 1              | 11         | 14       | 9   | C2-C4    |

| Context | Fabric | Description | Form     | Type  | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date  |
|---------|--------|-------------|----------|-------|----------------|------------|----------|-----|-----------|
| 500     | SGW    | R           | JAR      | 4.13  | 1              | 7          | 14       | 6   | LC1-C4    |
| 500     | SGW    | R           | LID      | 8.1   | 1              | 6          | 18       | 5   | MC1-C3    |
| 500     | SGW    | R           | JAR      | 5     | 1              | 13         | 22       | 5   | MC1-C4    |
| 500     | SGW    | R           | JAR      | 5     | 1              | 15         | 28       | 4   | MC1-MC2   |
| 500     | SRW    | U           | SJAR     |       | 2              | 62         |          |     | C1-E/MC2  |
| 501     | NVCC   | U           | JAR/BEAK |       | 3              | 13         |          |     | MC2-C4    |
| 501     | SGW    | UD          | JAR      |       |                |            |          |     | LC1-C4    |
| 501     | SGW    | R           | JAR      | 4     | 28             | 223        |          |     | LC1-C4    |
| 501     | SGW    | B           | JAR      |       | 13             | 288        |          |     | LC1-C4    |
| 501     | SGW    | UD          | JAR      |       | 204            | 1675       |          |     | LC1-E/MC2 |
| 501     | SGW    | U           | MORT     |       | 2              | 37         |          |     | MC1-C2    |
| 501     | SGW    | R           | MORT     | B&F   | 1              | 26         | 20       | 7   | LC1-C3    |
| 501     | SGW    | R           | LID      | 8.1   | 1              | 20         | 16       | 12  | MC1-C3    |
| 501     | SGW    | R           | JAR      | 4.5.3 | 1              | 33         | 16       | 16  | MC2-MC3   |
| 501     | SGW    | R           | JAR      | 4.5   | 1              | 22         | 12       | 16  | LC1-C4    |
| 501     | SGW    | R           | JAR      | 5     | 1              | 49         | 26       | 11  | MC1-C4    |
| 501     | SGW    | R           | JAR      | 4.5.3 | 1              | 21         | 24       | 8   | MC2-MC3   |
| 501     | SGW    | R           | SJAR     | 4.14  | 1              | 24         | 22       | 6   | MC1-MC2   |
| 501     | SGW    | R           | JAR      | 5.3   | 1              | 26         | 28       | 3   | MC1-MC2   |
| 501     | SGW    | R           | DISH     | 6.21  | 2              | 23         | 18       | 16  | LC1-C2    |
| 501     | SGW    | R           | JAR      | 5     | 1              | 18         | 18       | 6   | MC1-C4    |
| 501     | SGW    | R           | JAR      | 4     | 1              | 30         | 24       | 9   | MC1-C4    |
| 501     | SGW    | R           | JAR      | 4.5   | 1              | 17         | 18       | 7   | LC1-C4    |
| 501     | SGW    | R           | JAR      | 4.5   | 1              | 15         | 16       | 14  | LC1-C4    |
| 501     | SGW    | R           | JAR      | 4.5   | 1              | 8          | 14       | 9   | LC1-C4    |

| Context | Fabric  | Description | Form     | Type      | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date  |
|---------|---------|-------------|----------|-----------|----------------|------------|----------|-----|-----------|
| 501     | SGW     | R           | JAR      | 4.5       | 1              | 13         | 20       | 9   | LC1-C4    |
| 501     | SGW     | R           | JAR      | 5         | 1              | 16         | 20       | 8   | MC1-C4    |
| 501     | SGW     | R           | JAR      | 4.11      | 1              | 15         | 20       | 7   | LC1-C3    |
| 501     | SGW     | R           | JAR      | 4.5       | 1              | 21         | 16       | 8   | LC1-C4    |
| 501     | SGW     | R           | JAR      | 4.5       | 1              | 19         | 18       | 10  | LC1-C4    |
| 501     | SGW     | R           | JAR      | 4.5       | 1              | 17         | 16       | 11  | LC1-C4    |
| 501     | SGW     | R           | JAR      | 4.5       | 1              | 12         | 18       | 6   | LC1-C4    |
| 501     | SGW     | R           | SJAR     | 4.14      | 1              | 23         | 28       | 5   | LC1-C4    |
| 501     | SGW     | R           | JAR      | 4.5.4     | 1              | 13         | 18       | 5   | C2-C4     |
| 501     | SGW     | R           | BEAK     | 3.14      | 1              | 4          | 10       | 8   | LC1-C3    |
| 501     | SGW     | R           | JAR/BEAK | 3.11      | 1              | 13         | 14       | 10  | LC1-C2    |
| 501     | SGW     | R           | JAR      | 4.5       | 1              | 7          | 14       | 12  | LC1-C4    |
| 501     | SOW     | U           | FLAG     |           | 4              | 71         |          |     | MC2-C3    |
| 501     | SOW     | R           | MORT     |           | 1              | 21         |          |     | MC1-C2    |
| 501     | SREDW   | U           | JAR/BEAK |           | 1              | 6          |          |     | LC1-C2    |
| 502     | OXRCC   | R           | BOWL     | Dr37 copy | 1              | 17         | 18       | 8   | C4        |
| 502     | PAKE CC | R           | BEAK     | 3.3       | 1              | 16         | 12       | 7   | MC2-C3    |
| 502     | SGW     | UD          | JAR      |           | 167            | 1697       |          |     | LC1-E/MC2 |
| 502     | SGW     | B           | JAR      |           | 8              | 364        |          |     | LC1-C4    |
| 502     | SGW     | R           | JAR      |           | 12             | 94         |          |     | LC1-C4    |
| 502     | SGW     | R           | LID      | 8.1       | 1              | 32         | 16       | 9   | MC1-C3    |
| 502     | SGW     | R           | DISH     | 6.19      | 1              | 29         | 16       | 7   | C3-C4     |
| 502     | SGW     | R           | DISH     | 6.21      | 1              | 19         | 14       | 7   | LC1-C3    |
| 502     | SGW     | R           | JAR      | 4.5       | 1              | 89         | 15       | 32  | MC1-MC2   |
| 502     | SGW     | R           | DISH     | 6.3       | 1              | 28         | 18       | 15  | M/LC1-C2  |

| Context | Fabric | Description | Form     | Type      | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date    |
|---------|--------|-------------|----------|-----------|----------------|------------|----------|-----|-------------|
| 502     | SGW    | R           | JAR      | 5.3       | 2              | 49         | 14       | 10  | MC1-MC2     |
| 502     | SGW    | R           | DISH     | 6.15.1    | 1              | 23         | 16       | 9   | EMC2        |
| 502     | SGW    | R           | BEAK     | 3.14      | 1              | 12         | 5        | 12  | LC1-C3      |
| 502     | SGW    | R           | JAR      | 4.5       | 1              | 19         | 12       | 5   | LC1-C4      |
| 502     | SGW    | R           | JAR      | 4.5       | 1              | 29         | 14       | 10  | LC1-C4      |
| 502     | SGW    | R           | JAR      | 4.5       | 1              | 12         | 13       | 7   | LC1-C4      |
| 502     | SOW    | U           | FLAG     |           | 8              | 151        |          |     | MC1-C3      |
| 503     | GRE    | U           | JAR      |           | 1              | 4          |          |     | C17-C18     |
| 503     | NVOW   | U           | JAR/FLAG |           | 1              | 34         |          |     | MC2-C4      |
| 503     | OXRCC  | R           | BOWL     | Dr37 copy | 2              | 14         | 14       | 5   | C4          |
| 503     | SGW    | UD          | JAR      |           | 83             | 1365       |          |     | LC1-C2      |
| 503     | SGW    | B           | JAR      |           | 5              | 519        |          |     | LC1-C2      |
| 503     | SGW    | P           | DISH     | 6.18      | 2              | 244        | 21       | 27  | MC2-C3      |
| 503     | SGW    | P           | DISH     | 6.21      | 1              | 177        | 18       | 24  | LC1-E/MC2   |
| 503     | SGW    | P           | DISH     | 6.15.1    | 2              | 232        | 18       | 56  | C2-C3       |
| 503     | SGW    | R           | JAR      | 5.3       | 2              | 175        | 22       | 24  | M/LC1-C2    |
| 503     | SGW    | R           | JAR/BOWL | 4.5       | 10             | 171        |          |     | LC1-C4      |
| 503     | SGW    | R           | JAR      | 4.8       | 1              | 8          | 18       | 4   | C2-C3       |
| 503     | SGW    | R           | DISH     | 6.18      | 2              | 14         |          |     | MC2-C3      |
| 503     | SGW    | R           | JAR      | 4.13      | 1              | 53         | 20       | 11  | M/LC1-E/MC2 |
| 503     | SGW    | R           | JAR      | 4.5       | 5              | 109        | 14       | 32  | LC1-C2      |
| 503     | SGW    | R           | JAR      | 4.13      | 4              | 62         | 17       | 40  | LC1-C3      |
| 503     | SGW    | R           | LID      | 8.1       | 1              | 33         | 15       | 25  | MC1-C3      |
| 503     | SGW    | R           | LID      | 8.1       | 1              | 14         | 20       | 8   | MC1-C3      |
| 505     | SGW    | P           | BALL     |           | 1              | 265        | 96       | 100 | LC1-C4      |

| Context | Fabric | Description | Form        | Type      | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date  |
|---------|--------|-------------|-------------|-----------|----------------|------------|----------|-----|-----------|
| 505     | SGW    | B           | CHESSEPRESS |           | 1              | 246        | 130      | 100 | M/LC1-C2  |
| 505     | SGW    | UB          | SJAR        |           | 8              | 1760       |          |     | LC1-C4    |
| 505     | SGW    | B           | JAR         |           | 2              | 113        |          |     | LC1-C4    |
| 505     | SGW    | B           | BEAK        | 3.POPPY   | 1              | 103        |          |     | LC1-E/MC2 |
| 505     | SGW    | P           | DISH        | 6.15      | 1              | 254        | 23       | 33  | LC1-C4    |
| 505     | SGW    | P           | DISH        | 6.21      | 1              | 24         | 16       | 11  | LC1-MC2   |
| 505     | SGW    | R           | JAR         | 4.5       | 2              | 80         | 16       | 32  | LC1-C4    |
| 505     | SGW    | R           | JAR         | 5.3       | 1              | 145        | 28       | 13  | LC1-C2    |
| 505     | SGW    | R           | JAR         | 5.3       | 3              | 259        | 18       | 68  | LC1-C2    |
| 505     | SGW    | UD          | JAR         |           | 44             | 1488       |          |     | LC1-E/MC2 |
| 601     | SGW    | U           | JAR         |           | 4              | 18         |          |     | MC1-C4    |
| 603     | SGW    | UD          | JAR         |           | 15             | 176        |          |     | C2-C3     |
| 603     | SOW    | U           | JAR         |           | 1              | 6          |          |     | MC1-C4    |
| 701     | SGW    | B           | JAR         |           | 1              | 56         |          |     | LC1-C4    |
| 701     | SGW    | R           | JAR         | 4.5       | 1              | 47         | 12       | 35  | LC1-C4    |
| 701     | SGW    | R           | JAR         | 4.5       | 1              | 17         | 13       | 18  | LC1-C4    |
| 701     | SGW    | UD          | JAR         |           | 40             | 623        |          |     | M/LC1-C3  |
| 701     | SGW    | R           | JAR         | 4.5       | 1              | 11         | 12       | 13  | LC1-C4    |
| 703     | SGW    | U           | JAR         |           | 3              | 42         |          |     | LC1-C4    |
| 903     | SGW    | UDB         | JAR         |           | 25             | 272        |          |     | E/MC2-C4  |
| 903     | SGW    | P           | DISH        | Dr37 copy | 1              | 56         | 20       | 12  | LC1-MC2   |
| 903     | SGW    | RD          | JAR         | 5.3       | 4              | 207        | 17       | 85  | LC1-C2    |
| 903     | SGW    | RD          | JAR         | 5.4       | 1              | 14         | 14       | 12  | LC1-C2    |
| 903     | SGW    | R           | DISH        | 6.21      | 1              | 6          |          |     | LC1-C2    |
| 903     | SOW    | R           | LID         | 8.1       | 1              | 1          | 14       | 8   | MC1-C3    |



| Context | Fabric | Description | Form     | Type      | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date |
|---------|--------|-------------|----------|-----------|----------------|------------|----------|-----|----------|
| 903     | SOW    | R           | DISH     | 6.15.1    | 1              | 4          | 16       | 8   | M/LC1-C3 |
| 903     | SOW    | R           | JAR      | 4.5       | 1              | 1          | 14       | 8   | LC1-C4   |
| 904     | SGW    | UB          | JAR      |           | 8              | 110        |          |     | MC1-C4   |
| 1000    | SAM    | U           |          |           | 1              | 1          |          |     | LC2-MC3  |
| 1000    | SGW    | B           | DISH     |           | 1              | 41         |          |     | C2-C4    |
| 1000    | SGW    | UDB         | JAR/SJAR |           | 25             | 423        |          |     | MC1-C4   |
| 1000    | SGW    | R           | JAR      | 5         | 1              | 11         | 18       | 7   | MC1-C4   |
| 1000    | SGW    | R           | BOWL     | Dr37 copy | 1              | 7          | 20       | 5   | MC1-C2   |
| 1001    | SGW    | UD          | SJAR     |           | 5              | 202        |          |     | C2-C3    |
| 1001    | SGW    | UDB         | JAR      |           | 64             | 1014       |          |     | LC1-C4   |
| 1001    | SGW    | R           | JAR      | 4         | 5              | 31         |          |     | LC1-C4   |
| 1001    | SGW    | R           | DISH     | 6.19      | 1              | 36         | 12       | 20  | C3-C4    |
| 1001    | SGW    | R           | JAR      | 4.13      | 1              | 26         | 10       | 10  | LC1-C4   |
| 1001    | SGW    | R           | SJAR     | 4.14      | 1              | 53         | 28       | 12  | C2-C4    |
| 1001    | SGW    | R           | JAR      | 4.5       | 1              | 29         | 20       | 14  | MC1-C4   |
| 1001    | SGW    | R           | JAR      | 4.5.3     | 1              | 25         | 24       | 12  | MC1-C4   |
| 1001    | SGW    | R           | JAR      | 4.11      | 1              | 13         | 20       | 12  | M/LC1-C2 |
| 1001    | SGW    | R           | LID      | 8.1       | 1              | 41         | 20       | 5   | C3-C4    |
| 1001    | SGW    | R           | DISH     | 6.19      | 1              | 2          | 12       | 7   | ?ESAX    |
| 1001    | STW    | U           | JAR      |           | 1              | 8          |          |     | LC3-EC5  |
| 1004    | SGW    | UD          | JAR      |           | 7              | 177        |          |     | MC1-C4   |
| 1007    | SGW    | UB          | JAR/SJAR |           | 3              | 386        |          |     | MC1-C4   |
| 1008    | SGW    | R           | LID      |           | 1              | 6          | 18       | 5   | MC1-C3   |
| 1202    | SGW    | UD          | JAR      |           | 170            | 2020       |          |     | LC1-C4   |
| 1202    | SGW    | B           | JAR      |           | 9              | 536        |          |     | LC1-C4   |

| Context | Fabric | Description | Form  | Type  | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date    |
|---------|--------|-------------|-------|-------|----------------|------------|----------|-----|-------------|
| 1202    | SGW    | R           | DISH  | 6.21  | 1              | 30         | 18       | 8   | LC1-MC2     |
| 1202    | SGW    | R           | DISH  | 6.21  | 1              | 37         | 19       | 15  | LC1-MC2     |
| 1202    | SGW    | R           | DISH  | 6.21  | 1              | 32         | 16       | 17  | LC1-MC2     |
| 1202    | SGW    | R           | JAR   | 4     | 11             | 70         |          |     | LC1-C4      |
| 1202    | SGW    | R           | LID   | 8.1   | 1              | 19         | 16       | 13  | MC1-C3      |
| 1202    | SGW    | R           | JAR   | 4.5   | 1              | 17         | 14       | 17  | LC1-C4      |
| 1202    | SGW    | R           | JAR   | 4.5   | 1              | 19         | 16       | 10  | LC1-C4      |
| 1202    | SGW    | R           | JAR   | 4.5   | 1              | 22         | 18       | 8   | LC1-C4      |
| 1202    | SGW    | R           | JAR   | 4.5   | 1              | 21         | 16       | 10  | LC1-C4      |
| 1202    | SGW    | R           | JAR   | 4.5   | 1              | 11         | 16       | 8   | LC1-C4      |
| 1202    | SGW    | R           | JAR   | 4.5.3 | 1              | 32         | 15       | 21  | LC1-C4      |
| 1202    | SGW    | R           | DISH  | 6.21  | 1              | 16         | 22       | 7   | LC1-MC2     |
| 1202    | SGW    | R           | JAR   | 4.5   | 1              | 37         |          |     | LC1-MC2     |
| 1202    | SOW    | UD          | JAR   |       | 82             | 1364       |          |     | LC1-C4      |
| 1202    | SOW    | B           | JAR   |       | 5              | 156        |          |     | LC1-C4      |
| 1202    | SOW    | R           | JAR   | 4     | 11             | 116        |          |     | LC1-C4      |
| 1202    | SOW    | R           | JAR   | 4.5   | 2              | 161        | 20       | 30  | LC1-C2      |
| 1202    | SOW    | R           | JAR   | 5.4   | 1              | 97         | 20       | 19  | LC1-C4      |
| 1202    | SOW    | R           | JAR   | 5.4   | 1              | 48         | 16       | 19  | LC1-C4      |
| 1202    | SOW    | R           | JAR   | 5.3   | 1              | 46         | 18       | 9   | M/LC1-E/MC2 |
| 1202    | SOW    | R           | DISH  | 6.21  | 1              | 24         | 16       | 7   | LC1-MC2     |
| 1202    | SOW    | R           | DISH  | 6.21  | 1              | 18         | 14       | 7   | LC1-MC2     |
| 1301    | NVCC   | U           | JAR   |       | 2              | 17         |          |     | C3-C4       |
| 1301    | SGW    | R           | FDISH | 6.17  | 1              | 39         | 24       | 7   | MC3-EC5     |
| 1301    | SGW    | R           | DISH  | 6.18  | 1              | 29         | 26       | 7   | MC2-C3      |

| Context | Fabric  | Description | Form          | Type     | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date |
|---------|---------|-------------|---------------|----------|----------------|------------|----------|-----|----------|
| 1301    | SGW     | R           | DISH          | 6.19     | 1              | 29         | 28       | 3   | C3-C4    |
| 1301    | SGW     | R           | DISH          | 6.19     | 1              | 11         | 18       | 4   | MC2-C3   |
| 1301    | SGW     | R           | DISH          | 6.19     | 1              | 4          | 18       | 4   | C3-C4    |
| 1301    | SGW     | R           | LID           | 8.1      | 1              | 5          | 16       | 5   | MC1-C3   |
| 1301    | SGW     | R           | DISH          | 6.18     | 1              | 15         | 20       | 7   | MC2-C3   |
| 1301    | SGW     | B           | JAR           |          | 4              | 105        |          |     | MC1-C4   |
| 1301    | SGW     | U           | JAR           |          | 60             | 349        |          |     | MC1-C4   |
| 1301    | SGW     | R           | LID           | 8.1      | 1              | 1          | 12       | 6   | LC1-C4   |
| 1301    | SGW     | R           | JAR           | 5        | 1              | 11         | 20       | 7   | LC1-C4   |
| 1301    | SGW     | R           | JAR           | 5        | 1              | 37         | 24       | 8   | LC1-C4   |
| 1301    | SGW     | R           | JAR           | 4.5      | 1              | 13         | 20       | 7   | LC1-C4   |
| 1301    | SGW     | R           | JAR           | 4.5      | 1              | 18         | 22       | 7   | LC1-C4   |
| 1301    | SGW     | R           | DISH          | 6.18     | 1              | 14         | 18       | 9   | MC2-C3   |
| 1301    | SREDW   | U           | JAR           |          | 4              | 25         |          |     | MC1-C3   |
| 1301    | SRW     | U           | SJAR          |          | 5              | 78         |          |     | MC1-C4   |
| 1302    | HAD RW  | R           | JAR/BOWL      |          | 1              | 4          | 16       | 5   | C4       |
| 1302    | PAKE CC | R           | BEAK          | 3.FUNNEL | 1              | 4          | 10       | 8   | LC1-C4   |
| 1302    | SGW     | B           | JAR           |          | 9              | 351        |          |     | LC1-C4   |
| 1302    | SGW     | UD          | JAR/SJAR      |          | 45             | 503        |          |     | LC1-C4   |
| 1302    | SGW     | D           | SJAR          |          | 3              | 182        |          |     | MC1-C2   |
| 1302    | SGW     | U           | SPINDLE WHORL |          | 1              | 25         |          |     | LC1-C4   |
| 1302    | SGW     | P           | DISH          | 6.19     | 1              | 19         | 14       | 8   | LC1-C4   |
| 1302    | SGW     | R           | DISH          | 6.17     | 1              | 29         | 20       | 5   | MC3-EC5  |
| 1302    | SGW     | R           | JAR           | 4.5.3    | 1              | 75         | 12       | 40  | C2-C3    |
| 1302    | SGW     | R           | DISH          | 6.18     | 1              | 27         | 18       | 7   | MC12-C3  |

| Context | Fabric    | Description | Form     | Type      | Quantity (No.) | Weight (g) | Diameter | EVE | Pot Date    |
|---------|-----------|-------------|----------|-----------|----------------|------------|----------|-----|-------------|
| 1302    | SGW       | R           | JAR      | 5         | 1              | 24         | 22       | 10  | LC1-C4      |
| 1302    | SGW       | R           | LID      | 8.1       | 1              | 18         | 20       | 8   | MC1-C3      |
| 1302    | SGW       | R           | JAR      | 4.13      | 1              | 29         | 14       | 11  | LC1-C4      |
| 1302    | SGW       | R           | JAR      | 4.5.4     | 1              | 38         | 14       | 20  | LC1-C4      |
| 1302    | SGW       | R           | JAR      | 4.5.3     | 1              | 18         | 16       | 10  | LC1-C4      |
| 1302    | SGW       | R           | LID      | 8.1       | 1              | 12         | 16       | 12  | LC1-C4      |
| 1302    | SGW       | R           | JAR      | 4.5.3     | 1              | 13         | 13       | 14  | LC1-C4      |
| 1302    | SGW       | R           | JAR      | 5         | 1              | 15         | 22       | 7   | LC1-C4      |
| 1302    | SGW       | R           | JAR      | 4         | 1              | 16         | 24       | 8   | LC1-C4      |
| 1302    | SGW       | R           | LID      | 8.1       | 1              | 8          | 14       | 7   | LC1-C4      |
| 1302    | SGW       | R           | DISH     | 6.19      | 1              | 16         | 16       | 10  | LC1-C4      |
| 1302    | SREDW     | U           | JAR/BEAK |           | 1              | 4          |          |     | MC1-C4      |
| 1302    | SRW       | U           | JAR/BOWL |           | 2              | 19         |          |     | MC1-C2      |
| 1401    | SGW       | UD          | JAR      |           | 3              | 24         |          |     | ESAX        |
| 1401    | SGW       | RUB         | SJAR     | 4.14      | 3              | 50         | 28       | 4   | MC1-C4      |
| 1401    | SGW(FINE) | D           | BOWL     | Dr37 copy | 1              | 7          |          |     | M/LC1-E/MC2 |
| 1402    | SGW       | UD          | JAR      |           | 8              | 45         |          |     | ESAX        |
| 1402    | SGW       | UD          | JAR      |           | 2              | 24         |          |     | MC1-C4      |
| 1403    | SGW       | RUDB        | JAR/BOWL |           | 7              | 61         | 14       | 5   | ESAX        |
| 1403    | SGW       | U           | JAR      |           | 1              | 1          |          |     | LC1-C4      |

**The Roman pottery fabrics and forms, listed in descending order of weight (%)**

| <b>Fabric Family:<br/>abbreviation and published reference</b>                                   | <b>Vessel:<br/>form and type</b>   | <b>Sherd<br/>Count</b> | <b>Weight<br/>(g)</b> | <b>EVE</b> | <b>Weight<br/>(%)</b> |
|--|--|------------------------|-----------------------|------------|-----------------------|
| Sandy grey ware: WAT RE<br>(Tomber and Dore 1998, 184; Maynard <i>et al</i> 1936, 191<br>(no 3)) | Ball, Beaker (3.6, 3.poppy,<br>3.11, 3.14), bowl (Dr37 copy),<br>cheese press, dish (6.3, 6.15,<br>6.17, 6.18, 6.19, 6.21) jar (4,<br>4.13, 4.5, 5, 5.3, 5.4), lid (8.1),<br>mortaria (7.1), platter (6.22),<br>storage jar (4.14) | 1748                   | 28261                 | 23.14      | 90.90                 |
| Sandy white ware:<br>SOW (Maynard <i>et al</i> 1936, 191 (no 2))                                 | Dish (6.15, 6.21), flagon, jar<br>(4, 4.5, 5.3, 5.4), lid (8.1),<br>mortaria   | 125                    | 2298                  | 1.15       | 7.39                  |
| Sandy red ware:<br>SREDW (Maynard <i>et al</i> 1936, 190 (no 1))                                 | Dish (6.19), jar (4, 4.5, 4.5.3),<br>storage jar   | 31                     | 356                   | 0.45       | 1.15                  |
| Nene Valley oxidised ware: LNV WH<br>(Tomber and Dore 1998, 119; Tyers 1996, 127-129)            | Jar, flagon, mortaria  | 2                      | 48                    | 0.00       | 0.15                  |
| Nene Valley colour coat: LNV CC (Tomber and Dore<br>1998, 118; Tyers 1996, 173-175)              | Beaker (3.6), jar  | 8                      | 36                    | 0.17       | 0.12                  |
| Oxfordshire red colour coat: OXF RS (Tomber and Dore<br>1998, 176; Tyers 1996, 175-178)          | Bowl (Dr37 copy)   | 3                      | 31                    | 0.13       | 0.10                  |
| Pakenham colour coat:<br>PAK CC (Tomber and Dore 1998, 182)                                      | Beaker (3.1, 3.3), jar   | 3                      | 24                    | 0.15       | 0.08                  |
| Shelly ware:   | Jar  | 2                      | 19                    | 0.00       | 0.06                  |

| <b>Fabric Family:<br/>abbreviation and published reference</b>              | <b>Vessel:<br/>form and type</b> | <b>Sherd<br/>Count</b> | <b>Weight<br/>(g)</b> | <b>EVE</b>   | <b>Weight<br/>(%)</b> |
|---|----------------------------------|------------------------|-----------------------|--------------|-----------------------|
| HAR SH (Tomber and Dore 1998, 115; Tyers 1996, 192-193)                     |                                  |                        |                       |              |                       |
| Samian:<br>SAM CG (Tomber and Dore 1998, 30-32; Tyers 1996, 113)            | Bowl/dish                        | 5                      | 14                    | 0.00         | 0.04                  |
| Hadham Red ware:<br>HAD OX (Tomber and Dore 1998, 151; Tyers 1996, 168-169) | Jar/bowl                         | 1                      | 4                     | 0.05         | 0.01                  |
| <b>Total</b>  |                                  | <b>1928</b>            | <b>31091</b>          | <b>25.24</b> | <b>100.00</b>         |

### Forms

The Roman type series is based on one originally designed by Jude Plouviez (Suffolk Archaeological Unit) and adapted by the author using relevant local and national publications.

#### *Flagon*

1: undiagnostic sherds

#### *Beaker*

3.1: Beaker with a tall straight neck (funnel necked) and rounded body (Rogerson 1977, fig 80, no 161)

3.3: Indented beakers (Rogerson 1977, fig. 79, no 135)

3.6: Bag-shaped beakers (Tyers 1996, fig 216, no 33)

3.8: Poppy-head beaker with barbotine dot decoration (Rogerson 1977, fig 75, no 51).

3.11 Beaker with a 'cavetto Rim' (Rogerson 1977, fig 78, no 117).

#### *Jar*

- 4.5: medium-mouthed jar, short neck, rolled and generally undercut rim and globular body (Rogerson 1977, 43; 93; 115; 202).
- 4.13: medium-mouthed jar, rounded body and simple everted rim (Rogerson 1977 5; Maynard et al 1936, I).
- 4.14: large storage vessels miscellaneous or indeterminate.
- 5.3: rounded jar with a reverse 'S' profile and a cordon on the shoulder (Maynard et al 1936, IX; Rogerson 1977, fig 77, no 94; Lyons and Tester 2014, fig 2.21, no 94).
- 5.4: rounded jar, reverse 'S' profile, one or two grooves mid body (Maynard et al 1936, VI; Lyons and Tester 2014, fig 2.13, no 24).

#### *Bowl*

Dr37 copy: a hemispherical decorated bowl. The wall of the vessel is usually divided into two (approximately) equal zones, where the lower half is decorated (Rogerson 1977, fig 75, no 41).

#### *Dish*

- 6.3: carinated bowl with a flattish out-turned rim (Equivalent to Going 1987 C16; Rogerson 1977, 16; 69; 72).
- 6.15: flanged rim bowl with curving sides, out-turned rim and foot-ring base (Rogerson 1977, 74; 76; 97).
- 6.17: flanged rim straight-sided dishes with a flat base (Rogerson 1977, fig 81, no 181, 182).
- 6.18: Dish, straight-sided, flat-based, thickened everted 'triangular' rim (Maynard et al 1936, XVII; Rogerson 1977, no 175; Lyons and Tester 2014, fig 3.49, no 31-33).
- 6.19: Dish, straight sides which may be upright or angled, plain rim or may have external groove just below the rim (Rogerson 1977, fig 81, no 177).
- 6.21: Dish with an internal angle, and in-curving rim, flat or foot ring base (Rogerson 1977, fig. 75, no 54 & fig. 77, no 105; Lyons and tester 2014, fig 2.13, no 11)
- 6.22. Platter (Maynard et al 1936, XII)

#### *Mortaria*

- 7.1: Bead and flange mortaria (Rogerson 1977, fig 75, no 60)

#### *Lid*

- 8.1: lid - standard type to fit cooking/storage pot, in-turned or out-turned, can have terminal grip (Rogerson 1977, fig, 77, no 103).

*Rare Forms*

9.1: cheese press (Lyons *et al* 2017, fig 9, no 22)

9.2 ceramic ball: no parallels found



## Appendix 4

### Small finds from Excavation

by Jude Plouviez

#### Small Find No 200

Iron objects undated

Mixed group of iron objects: A triangular piece, 21 x 18.5mm, 4mm thick. Weight 5.25 gm Function unknown. A square section shaft, possibly a large nail - but not obviously broken at the flat top, with a right angle bend midway and another bend at the damaged narrower end. The shaft is 9mm wide at the top, tapering to around 5mm at the other end. Lengths 50 + 47, so an original unbent length c.100mm. Weight 18.00gm Nail with a conical head, 9.5mm across, square section shaft 5.5mm across, damaged, surviving length 58mm. Weight 5.97gm Two further fragments of square shaft from nails, each 24mm long, weights 1.54 and 1.74 gm.

#### Small Find No 300

Iron nails (x6) undated

Group of nails, all square-section shafts: Damaged flattish head, at least 13mm across, bent to a curved length of 91mm, weight 17.97gm Fragment, head 13mm across, surviving length 39mm, weight 8.44gm Head possibly conical, 11.5mm across, shaft bent and damaged but tapering to a point, original length c.50mm, weight 4.83gm. Flat head, 9mm across, rectangular shaft 5 x 4mm tapering to 5 x 2mm at break; right angle bend in shaft at 47mm, total length originally 61mm, weight 4.74gm. Fragment, flat head, 9mm across, surviving length 26mm, weight 1.49gm Shaft fragment, surviving length 43mm, weight 4.71gm.

#### Small Find No 400

Iron nail undated

One fragment of square-section iron nail shaft, surviving length 30mm, weight 2.34gm

#### Small Find No 500

Iron nail undated

Corroded iron fragment, probably a nail head with possible traces of mineralised wood at the junction. The surviving flat head is 14mm across and very thin - c. 1mm. The shaft fragment is 8mm across and appears circular in section, surviving length 9mm. Weight 1.88gm

#### Small Find No 1401

Copper-alloy brooch Saxon AD 475-550

Weight 55.61g, length 127mm, width 36mm, Group 3 (Martin 2015)

Early Anglo-Saxon copper-alloy cruciform brooch, in two pieces with a recent break across the arched bow. At the back of the headplate there is a single lug

holding the remains of the ?four coil (presumably iron) spring with axis loop below and part of a central bar; the pin is missing. The rectangular head plate has an integral hollow-backed top knob, with a small finial at the top (obscured by corrosion), but is missing the side knobs (which would have been held by the spring bar; decoration on the plate is worn and partially obscured, consisting of a row of punched arcs along the sides, with a single line separating them from a row of punched straight triskele motifs (as punched decoration C2 in Martin 2015). The bow is also heavily worn, with a pair of incised transverse lines at top and bottom, with shallow facets and a centre groove in between. The flat panel below the bow (with the top of the large catchplate on the back) has zoomorphic (?beaked, ?Style 1) side lappets, the left hand one having two holes and the right only one; single rows of punched crescent motifs along the panel sides also have traces of a central dot in the punchmark. Below this the bow is flat backed and convex faced with bands of transverse lines divided by deeper grooves, and traces of transverse lines of punched dots. The zoomorphic foot has worn projecting eyes, spiral/comma-shaped nostrils and a plain (probably, but very corroded) expanding terminal with a curved and thin end. Overall length 127mm, headplate width 36mm, weight of both pieces 55.61gm. Probably late 5th or 6th century (Martin Group 3 dated to Penn and Brugmann phase B).

## Appendix 5

### Catalogue of Small Finds from Metal detecting Survey

by John Fulcher with additions by Jude Plouviez

| Small Find | Material | Find type           | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel          | Easting | Northing |
|------------|----------|---------------------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|-------------------|---------|----------|
| 000        | Cu Alloy | coin                | Roman nummus, some wear and corrosion<br>Constans rev: Two Victories holding wreaths<br>VICTORIAEDDAV[gg qnn | Rom    | 343       | 348     | 1.39       | 14.5          |             |            |                | as LRBC I,<br>257 |         |          |
| 001        | Fe       | Nail                |  |        |           |         |            |               |             |            |                |                   | 603644  | 277114   |
| 002        | Silver   | Coin                |  |        |           |         |            |               |             |            |                |                   | 603735  | 277034   |
| 003        | Cu Alloy | Object              |  |        |           |         |            |               |             |            |                |                   | 603671  | 277110   |
| 004        | Lead     | Weight              |  |        |           |         |            |               |             |            |                |                   | 603645  | 277137   |
| 005        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603650  | 277167   |
| 006        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603724  | 277171   |
| 007        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603682  | 277158   |
| 008        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603697  | 277143   |
| 009        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603723  | 277172   |
| 010        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603740  | 277199   |
| 011        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603692  | 277200   |
| 012        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603707  | 277202   |
| 013        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603756  | 277161   |
| 014        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603730  | 277209   |
| 015        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603701  | 277167   |
| 016        | Cu Alloy | Coin                |  |        |           |         |            |               |             |            |                |                   | 603738  | 277197   |
| 017        | Bronze   | Coin                |  |        |           |         |            |               |             |            |                |                   | 611213  | 278364   |
| 018        | lead     | unidentified object | Fragment of a cast lead strip, flat back and convex face, surviving 37mm long, maximum                       | Un     | 0         | 0       | 14.67      |               | 37          | 20         | 5              |                   | 611206  | 278375   |

| Small Find | Material     | Find type            | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel       | Easting | Northing |
|------------|--------------|----------------------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|----------------|---------|----------|
|            |              |                      | width 20mm,tapering to 17mm. Probably recent   |        |           |         |            |               |             |            |                |                |         |          |
| 019        | copper alloy | metal working debris | Small irregular piece of copper alloy.   | Un     | 0         | 0       | 4.52       |               | 15.5        | 12         |                |                | 611206  | 278375   |
| 020        | lead         | unidentified object  | Small piece, irregular square shape, ?waste  | Un     | 0         | 0       | 3.5        |               | 13          | 12         |                |                | 611206  | 278375   |
| 021        | lead         | unidentified object  | Squashed open tubular fragment with solid oval end (19x15mm). Probably recent?   | Un     | 0         | 0       | 33.74      |               | 28          | 19         |                |                | 603739  | 277069   |
| 022        | Cu Alloy     | buckle               | Fragment of a rectangular object with simple openwork cut-outs, probably one corner of a rectangular buckle. Surviving 13 x 27mm, buckle frame width 8.5mm and 1.5mm thick       | Pmed   | 0         | 0       | 2.34       |               | 27          | 13         | 1.5            |                | 603683  | 277133   |
| 023        | Cu Alloy     | button               | Flat discoidal button with single loop attachment. Post medieval - Modern 1mm thick excluding loop   | Pmed   | 0         | 0       | 1.77       | 15.5          |             |            | 7              |                | 603683  | 277133   |
| 024        | Cu Alloy     | button               | Flat discoidal button with single loop attachment, very similar to SF23, 1.4mm thick excluding loop  | Pmed   | 0         | 0       | 2.89       | 15            |             |            | 9.5            |                | 603640  | 277169   |
| 025        | Cu Alloy     | button               | Flat discoidal button with broken single loop attachment. 1mm thick excluding loop   | Pmed   | 0         | 0       | 2.57       | 18            |             |            | 6.5            |                | 603640  | 277169   |
| 026        | Cu Alloy     | button               | Flat discoidal button with single loop attachment that has been bent flat. 1.5mm thick excluding loop  | Pmed   | 0         | 0       | 3.12       | 15.5          |             |            | 5              |                | 603643  | 277158   |
| 027        | Cu Alloy     | button               | Flat discoidal button with single loop attachment now missing. 2mm thick   | Pmed   | 0         | 0       | 2.22       | 15            |             |            | 2              |                | 603661  | 277170   |
| 028        | Cu Alloy     | coin                 | Roman nummus, some corrosion and wear<br>Constantine II obv: laur bust right<br>CONSTANTINVSIVNNOBC rev: Two soldiers, two standards; GLOR IAEXERC<br>ITVS mint: ?//SCONST Arles | Rom    | 330       | 335     | 2.21       | 16            | 0           | 0          |                | as LRBC I, 353 | 603667  | 277176   |
| 029        | Cu Alloy     | fitting              | Head of a solid cast copper alloy bolt or rivet, roughly hemispherical head with a 7.5mm long shaft - this is either complete or an old break. Head diameter 14mm                | un     | 0         | 0       | 8.27       | 14            | 16          | 0          |                |                | 603704  | 277118   |
| 030        | lead         | unidentified object  | Triaingular piece of lead, flat back and roughly convex face,  | un     | 0         | 0       | 9.35       | 0             | 22.5        | 19         | 5              |                | 603730  | 277101   |

| Small Find | Material | Find type           | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel       | Easting | Northing |
|------------|----------|---------------------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|----------------|---------|----------|
| 031        | lead     | pencil              | Circular section lead rod, pointed at one end and partially flattened at the other. Lead pencils are medieval and post-medieval, commonly the latter (see PAS database for examples)               | Pmed   | 1300      | 1750    | 13.76      | 8             | 34.5        |            |                |                | 603749  | 277080   |
| 032        | Cu Alloy | button              | Hollow sheet metal military/heraldic button with single rear loop. 6mm thick excluding loop. Post medieval - modern  | Pmed   | 0         | 0       | 5.58       | 23.5          |             |            | 11             |                | 604318  | 277868   |
| 033        | Cu Alloy | unidentified object | Small object consisting of three flaps joined at a central triangle with longitudinal incised lines on each - perhaps a ferule from a small object that has been bent open? Probably post-medieval | Pmed   | 0         | 0       | 0.37       |               | 13          |            |                |                | 603696  | 277148   |
| 034        | Cu Alloy | coin                | Roman nummus, corroded House of Constantine obv: helmeted hd. Left VRBS [roma rev: wolf & twins mint: //TR.P Trier   | Rom    | 330       | 335     | 1.85       | 16.5          |             |            |                | LRBC I, 65     | 603754  | 277134   |
| 035        | Cu Alloy | coin                | Very corroded Roman as obv: laureate hd right rev: stdg. figure to left  | Rom    | 60        | 138     | 5.8        | 25            |             |            |                |                | 603658  | 277228   |
| 036        | lead     | dross               | Irregular melted fragment with a rib along the flatter side  | Un     | 0         | 0       | 6.43       |               | 23          | 13.5       | 5              |                | 603712  | 277197   |
| 037        | Cu Alloy | coin                | Corroded Roman nummus Crispus obv: laureate hd. Right, IVLCRIS[. rev: possibly Gateway, two towers?  | Rom    | 324       | 326     | 2.42       | 18.5          |             |            |                | as LRBC I, 813 | 603715  | 277200   |
| 038        | Cu Alloy | coin                | Corroded Roman radiate, probably a contemporary copy obv: radiate hd. R rev: stndg. fig L, holding cornucopia  | Rom    | 270       | 286     | 1.9        | 15            |             |            |                |                | 603718  | 277208   |
| 039        | Cu Alloy | coin                | Roman nummus, some corrosion and wear, reduced flan, contemporary copy House of Constantine obv: diadem bust R .]CONSTAN [.. rev: Falling Horseman mint: // JTRS Trier                             | Rom    | 348       | 360     | 1.54       | 16.5          |             |            |                | as LRBC II, 72 | 603731  | 277192   |
| 040        | Cu Alloy | coin                | Corroded and worn Roman nummus, damaged edge House of Constantine rev: Two soldiers, one standard .....]TV[.   | Rom    | 335       | 341     | 0.97       | 15            |             |            |                | as LRBC I, 100 | 603734  | 277207   |
| 041        | Cu Alloy | coin                | Roman nummus, damaged, some corrosion, worn. Theodora rev: PIETAS[... holding two infants mint: Trier  | Rom    | 337       | 341     | 1.02       | 14            |             |            |                | as LRBC I, 105 | 603732  | 277217   |
| 042        | Cu Alloy | coin                | Fairly corroded Roman nummus with damaged edge. House of Constantine obv:  | Rom    | 343       | 348     | 1.22       | 15            |             |            |                | as LRBC I, 145 | 603757  | 277188   |

| Small Find | Material | Find type | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel  | Easting | Northing |
|------------|----------|-----------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|---|---------|----------|
|            |          |           | diadem bust R rev: Two Victories holding wreaths, ....]AVGGQNN mint: D/[/?RP? Trier?   |        |           |         |            |               |             |            |                |   |         |          |
| 043        | Cu Alloy | coin      | Very worn coin, perhaps a post-medieval farthing   | Pmed   |           |         | 4.1        | 22.5          |             |            |                |   | 603700  | 277246   |
| 044        | Cu Alloy | coin      | Fragment (over half) of a Roman radiate, surviving 18mm across Carausivs obv: radiate bust right, IMP[.....]VG, portrait   | Rom    | 286       | 293     | 1.26       |               |             |            |                |   | 603805  | 277193   |
| 045        | Cu Alloy | token     | Copper alloy trade token, ROBERTSPENCER, central crossed swords / OF RICKINGALE 1667, RS in circle with two stars  | Pmed   | 1667      | 1667    | 0.59       | 16.5          |             |            |                | As Williamson, 1967: p. 1096, no. 282 (from PAS record SF-0BB4E5) | 603794  | 277153   |
| 046        | Cu Alloy | coin      | Roman radiate, contemporary copy, oval flan 14 x 16mm obv: radiate hd. R rev: figure standing  | Rom    | 270       | 286     | 1.78       | 16            |             |            |                |   | 603793  | 277180   |
| 047        | Cu Alloy | coin      | Roman nummus, worn, some corrosion House of Constantine obv: helmeted left VRBS ROMA rev: Wolf and Twins mint: // *PL[. Lyons  | Rom    | 330       | 335     | 1.94       | 16            |             |            |                | LRBC I, 205   | 603751  | 277209   |
| 048        | Cu Alloy | token     | Very corroded and worn coin or token, probably a 17th century trade token  | Pmed   | 0         | 0       | 1.71       | 20.5          |             |            | 0.5            |   | 603702  | 277253   |
| 049        | Cu Alloy | fitting   | Corroded and concreted disc with a central oval hole, 5 x 8mm. Damaged margins. Perhaps acted as a washer, or furniture fitting (but no surviving indication of attachment.  | Un     | 0         | 0       | 4.02       | 21            |             |            | 2              |   | 603792  | 277173   |
| 050        | Cu Alloy | chain     | Fragment of chain, consisting of two single oval links, with two circular links joining one of them. The oval links and one circular link are made of 1mm diameter wire, and the other circular loop is formed from a 2mm wide D-section strip. Undatable; Roman ornamental chains are usually of loop in loop construction, but if this was a small functional piece it might be Roman or later. Oval links are 9.5 x 6.5mm | Un     | 0         | 0       | 0.66       |               | 20          |            |                |   | 603715  | 277252   |

| Small Find | Material | Find type        | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel      | Easting | Northing |
|------------|----------|------------------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|---------------|---------|----------|
| 051        | Cu Alloy | coin             | Roman nummus, some wear Constantius II rev: Two soldiers, two standards; GLOR IAEXERC I[ts   | Rom    | 330       | 335     | 2.07       | 16.5          |             |            |                | as LRBC I, 49 | 603793  | 277153   |
| 052        | Cu Alloy | coin             | Very corroded Roman radiate or nummus obv: illegible rev: standing figure  | Rom    | 270       | 402     | 1.04       | 13            |             |            |                |               | 603796  | 277095   |
| 053        | Cu Alloy | coin             | Corroded Roman radiate. Tetricus I   | Rom    | 270       | 273     | 1.83       | 17.5          |             |            |                |               | 604210  | 277683   |
| 054        | Cu Alloy | composite object | A very worn and corroded Roman coin, probably an as or a dupodius, diameter 22mm, with a flat object folded around it. The object has a spatulate terminal, maximum width 13.3mm tapering to a blunt point. The other half tapers from 8mm wide to a rounded terminal 4mm wide; there is a single 2mm diameter hole 6.5mm from the terminal. There is a single central groove from the hole to the spatulate area. This might have been some kind of toilet implement, originally around 50mm long, although not a typical Roman type, and so perhaps post-Roman? It is however deliberately folded close to the mid point, and as found would act as a suspension loop for the coin. However there is no indication of any attachment between the object and the coin, and it is now off-centre; the object would also have largely obscured the coin. It is possible that the combination of the two pieces is accidental, the coin having fallen into and become wedged in the folded object post deposition. | Rom    | 0         | 0       | 7.96       |               | 27.5        |            |                |               | 603721  | 277134   |
| 055        | Cu Alloy | ring             | Plain circular section ring, 1.5mm section, internal diameter 14mm, possibly curtain or similar  | Pmed   | 0         | 0       | 0.69       | 17.5          |             |            |                |               | 604158  | 277715   |
| 056        | Cu Alloy | stud             | Flat discoidal stud (?), with an off-centre (set 11mm from the nearest edge) single rear projection surviving 5.5 mm long and 5mm across. Corroded and concreted but apparently plain upper face.  | Un     | 0         | 0       | 8.16       | 25            |             |            |                |               | 603679  | 277175   |
| 057        | Cu Alloy | coin             | Worn and corroded radiate, irregular flan, probably contemporary copy rev: standing figure   | Rom    | 270       | 286     | 2.27       | 19            |             |            |                |               | 603751  | 277218   |

| Small Find | Material | Find type            | Description   | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel       | Easting | Northing |
|------------|----------|----------------------|---|--------|-----------|---------|------------|---------------|-------------|------------|----------------|----------------|---------|----------|
| 061        | Cu Alloy | coin                 | Corroded and worn Roman nummus, undersize and probably a contemporary copy. Constantius II obv: FLIVLCON[... ]TIVSAVG rev: Twosoldiers, one standard;GLOR[... ]VS mint: // ]TR[ Trier   | Rom    | 337       | 341     | 1.05       | 14.5          |             |            |                | as LRBC I, 100 | 603743  | 277159   |
| 062        | Cu Alloy | metal working debris | Small irregular piece   | Un     | 0         | 0       | 3.6        |               | 17          | 12         | 6              |                | 603734  | 277164   |
| 063        | Cu Alloy | coin                 | Roman nummus, some wear. House of Constantine obv: Helmeted left, CONSTAN TINOPOLIS rev: Victory on prow mint: // TRP. , Trier  | Rom    | 330       | 335     | 2.16       | 17            |             |            |                | LRBC I, 59     | 603754  | 277171   |
| 064        | Cu Alloy | coin                 | Roman nummus, some wear and some edge damage Constantius II rev: Falling Horseman .JELTEMPR[e] PARATIO  | Rom    | 355       | 360     | 3.47       | 19.5          |             |            |                | LRBC II, 253   | 603715  | 277162   |
| 065        | Cu Alloy | coin                 | Corroded, worn and perhaps mis-struck probably Roman coin, oval flan 13 x 15mm  | Rom    |           |         | 1.21       | 15            |             |            |                |                | 603677  | 277140   |
| 066        | Cu Alloy | coin                 | Roman nummus, worn, some corrosion Constantius II obv: DNCONSTAN TIVSPFAVG rev: Falling Horseman "FELTEMPRE[...   | Rom    | 353       | 360     | 3.15       | 19            |             |            |                | as LRBC II, 72 | 603737  | 277124   |
| 067        | Cu Alloy | coin                 | Very worn and corroded Roman nummus House of Constantine obv: helmeted to left  | Rom    | 330       | 337     | 1.5        | 15.5          |             |            |                | as LRBC I, 52  | 603731  | 277191   |
| 068        | lead     | stud                 | Fragment of a cast ?pewter stud. On the back there is a small projection, perhaps damaged, and a casting seam. On the front a four-lobed design, damaged around the edge. Probably medieval. Maximum surviving diameter 13.8mm, thickness excluding projection 1.3mm. | Med    | 0         | 0       | 1.09       | 13.8          |             |            |                |                | 603798  | 277086   |
| 069        | Cu Alloy | coin                 | Worn Roman radiate Gallienus obv: GALLIENVSAVG rev: drape standing figure holding scalesto left and cornucopia to right; aequitas]AVG   | Rom    | 260       | 268     | 1.45       | 17            |             |            |                |                | 603717  | 277126   |
| 070        | Cu Alloy | coin                 | Worn Roman radiate Carausius obv: IMPCARAVSIVSPFAVG   | Rom    | 286       | 293     | 3.8        | 19            |             |            |                |                | 603719  | 277122   |
| 071        | Cu Alloy | handle?              | Fragment of a flat object, with a rounded terminal and broken recently at the other end.  | Pmed   | 0         | 0       | 13.38      |               | 50          | 23         | 2.2            |                | 603647  | 277237   |



| Small Find | Material | Find type | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel  | Easting | Northing |
|------------|----------|-----------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|---|---------|----------|
|            |          |           | The surviving length is 50mm and the width tapers from 23mm at the terminal to 15mm at the break; it is 2.2mm thick. The sides are damaged, but where the edge survives it has an angled facet except around the terminal. Probably post medieval from the metal condition, perhaps a large cutlery handle?  |        |           |         |            |               |             |            |                |   |         |          |
| 072        | Cu Alloy | coin      | Very corroded Roman nummus Constantine 1 obv: CONS[..... mint: S/?F//?M?L London?  | Rom    | 307       | 318     | 5.94       | 25.5          |             |            |                |   | 603798  | 277148   |
| 073        | Cu Alloy | coin      | Very corroded and worn Roman radiate Gallienus obv: possibly: IMPGALLIE[... rev: standing figure   | Rom    | 260       | 268     | 2.71       | 20            |             |            |                |   | 603752  | 277172   |
| 074        | Cu Alloy | coin      | Very worn, corroded and damaged Roman radiate Victorinus? rev: figure standing?  | Rom    | 268       | 270     | 1.87       | 18.5          |             |            |                |   | 603705  | 277205   |
| 075        | Cu Alloy | brooch    | Corroded Roman bow brooch fragment, Colchester derivative hinged type. Missing the pin and the lower half of the bow, and one wing terminal is damaged. Detail of the decoration is mostly obscured by corrosion and concretion. At the wing terminals two pairs of ribs (probably all notched/beaded) are separated by a concave moulding; a plain area flanks the junction with the bow. The hinge bar survives in part and is of iron. The bow has a raised rib emphasising the junction with the wings and below this are traces of transverse mouldings; the bow is flat backed with a rounded face. Surviving length 20mm, surviving width 32.5mm. This brooch is comparable to the group of inter-related Colchester derivatives illustrated from Hacheston (2004, fig 65) especially numbers 127 and 133 (it is unclear whether there is a centre rib on the top of the bow). This falls within Mackreth's Hinged group 8a or 8b, which is predominantly from Norfolk, Suffolk and the East Midlands and occasionally dated contexts are late 1st or early 2nd century | Rom    | 65        | 120     | 5.88       |               | 20          | 32.5       |                | Mackreth 2011 type CD H 8, Plate 59-60; Hacheston 2004 nos 127, 133 | 603646  | 277169   |

| Small Find | Material | Find type | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel               | Easting | Northing |
|------------|----------|-----------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|------------------------|---------|----------|
| 076        | Cu Alloy | coin      | Worn and corroded Roman nummus<br>Valentinian obv: DNVALENT[.... rev: Victory to left, SE[avr]ITAS [... mint: //?SCON Arles  | Rom    | 364       | 378     | 2.19       | 17            |             |            |                | as LRBC II, 501        | 603703  | 277208   |
| 077        | Cu Alloy | coin      | Worn and corroded Roman radiate, undersized, probably contemporary copy?<br>Claudius II? obv: portrait probably Claudius II rev: Standing figure   | Rom    | 268       | 270     | 1.77       | 17            |             |            |                |                        | 603664  | 279143   |
| 078        | Cu Alloy | coin      | Contemporary copy of a Roman nummus, some wear and corrosion House of Constantine rev: Falling Horseman (FH3)  | Rom    | 348       | 360     | 1.17       | 13.5          |             |            |                |                        | 603674  | 277149   |
| 079        | Cu Alloy | coin      | Damaged Roman nummus, some corrosion Constantine 1 obv: Veiled head to right DIV[... rev: quadriga to right  | Rom    | 337       | 341     | 0.83       | 13.5          |             |            |                | as LRBC I, 106         | 603727  | 277120   |
| 080        | Cu Alloy | coin      | Very corroded and undersize Roman nummus URBS ROMA obv: helmeted to left rev: Wolf & twins mint: //--?R?P Trier  | Rom    | 330       | 335     | 0.95       | 12.5          |             |            |                | as LRBC I, 51          | 603723  | 277231   |
| 081        | Cu Alloy | coin      | Worn Roman nummus, rev struck off centre, some edge damage House of Theodosius obv: small pearl diademed bust to right rev: Victory to left with wreath ..]TOR IAA[.   | Rom    | 388       | 402     | 1.14       | 13.5          |             |            |                | as LRBC II, 162 or 173 | 603722  | 277195   |
| 082        | Cu Alloy | coin      | Worn Roman nummus Constantius or Constans rev: Two soldiers, one standard; GLOR IAEXER [civts mint: //.TRS Trier   | Rom    | 335       | 341     | 1.31       | 16            |             |            |                | as LRBC I, 89 or 100   | 603703  | 277203   |
| 083        | Cu Alloy | coin      | Fragment (about 2/3, two breaks) of a Roman radiate, some wear Probus rev: Pax stdg. left; ..]X [.]VG  | Rom    | 276       | 282     | 1.97       | 21            |             |            |                |                        | 603678  | 277146   |
| 084        | Cu Alloy | coin      | Very corroded Roman radiate Carausius or Allectus obv: IMPC[.... Portrait could be Allectus rev: standing figure mint: ?/P//C 'C' mint   | Rom    | 286       | 296     | 3.89       | 23            |             |            |                |                        | 603706  | 277171   |
| 085        | Cu Alloy | stud      | Incomplete and corroded Roman solid cast stud. The main part is discoidal with a central domed area, 8.7mm across; the remainder is flat with a single marginal groove; the original diameter was about 18.5mm. A projecting pierced lug is incomplete but would have been about 8mm across with a 3mm hole. On the back there is a central integral rivet, 5mm in diameter, with an expanded flat end | Rom    | 0         | 0       | 4.64       | 0             | 22.5        | 17         | 11.5           |                        | 603675  | 277145   |

| Small Find | Material | Find type | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel       | Easting | Northing |
|------------|----------|-----------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|----------------|---------|----------|
|            |          |           | (7.7mm across). The piece is similar to a series of Roman discoidal strap mounts, often enamelled; one from Tower Hamlets recorded on the Portable Antiquities Scheme database (LON-D9553A) also has a projecting lug. |        |           |         |            |               |             |            |                |                |         |          |
| 086        | Cu Alloy | coin      | Corroded Roman nummus, some wear Constantius II obv: FLIVLCONSTANTIVSNOBC rev: Two soldiers, one standard mint: //SCONST Arles   | Rom    | 335       | 337     | 2.03       | 18            |             |            |                | as LRBC I, 400 | 603685  | 277149   |
| 087        | Cu Alloy | coin      | Roman nummus, some wear Constantine I obv: CONSTAN TINVSAVG rev: Gateway, two towers PROVIDEN TIAEAVGG mint: //STR Trier   | Rom    | 324       | 330     | 2.85       | 18.5          |             |            |                | LRBC I, 12     | 603675  | 277155   |
| 088        | Cu Alloy | coin      | Corroded and worn Roman sestertius with areas of concretion. Julia Domna rev: female stdg left   | Rom    | 211       | 217     | 14.75      | 30            |             |            |                |                | 603661  | 277202   |
| 089        | Cu Alloy | coin      | Worn Roman nummus, undersized, contemporary copy House of Constantine obv: helmeted right, VRBS ROMA rev: Wolf and Twins mint: //PLG Lyon  | Rom    | 330       | 337     | 0.79       | 14            |             |            |                | LRBC I, 184    | 603724  | 277190   |
| 090        | Cu Alloy | coin      | Roman nummus, some corrosion and wear House of Constantine obv: helmeted right CONSTANT INOPOLIS rev: Victory on prow mint: //PLG Lyon   | Rom    | 330       | 337     | 1.32       | 14.5          |             |            |                | as LRBC I, 185 | 603707  | 277170   |
| 091        | Cu Alloy | coin      | Roman nummus, some corrosion and wear House of Constantine obv: CONSTANT[...]OBC" rev: Two soldiers, two standards; ..]XERC iTVS" mint: //PLG Lyon   | Rom    | 330       | 335     | 1.34       | 15            |             |            |                | as LRBC I, 181 | 603721  | 277171   |
| 092        | Cu Alloy | coin      | Very corroded Roman nummus House of Constantine rev: Wolf and twins,   | Rom    | 330       | 337     | 2.22       | 17            |             |            |                | as LRBC I, 51  | 603744  | 277211   |
| 093        | Cu Alloy | coin      | Roman nummus in good condition, some wear House of Constantine obv: helmeted right, CONSTAN TINOPOLIS rev: Victory on prow mint: //TRS* Trier  | Rom    | 330       | 335     | 1.61       | 16            | 0           | 0          | 0              | LRBC I, 71     | 603715  | 277270   |
| 094        | Cu Alloy | coin      | Roman radiate, undersize flan with some edge damage rev: Salus stdg with altar to left   | Rom    | 260       | 286     | 1.62       | 15            | 0           | 0          | 0              |                | 603703  | 277146   |

| Small Find | Material | Find type | Description  | Period | Date from | Date to | Weight (g) | Diameter (mm) | Length (mm) | Width (mm) | Thickness (mm) | Parallel      | Easting | Northing |
|------------|----------|-----------|--|--------|-----------|---------|------------|---------------|-------------|------------|----------------|---------------|---------|----------|
| 095        | Cu Alloy | coin      | Corroded Roman radiate, damaged edge, contemporary copy obv: portrait similar to Tetricus I rev: figure standing, head right             | Rom    | 270       | 286     | 0.93       | 14            | 0           | 0          | 0              |               | 603703  | 277156   |
| 096        | Cu Alloy | coin      | Corroded Roman nummus, some wear, damaged edge Constantine 1 rev: Two soldiers, two standards; ]IAEXERC[                                 | Rom    | 330       | 335     | 1.56       | 16.5          | 0           | 0          | 0              | as LRBC I, 48 | 603645  | 277154   |
| 097        | Cu Alloy | coin      | Corroded Roman nummus, some wear and small patches of concretion House of Constantine rev: Two soldiers, two standards; GLOR IAEXERC [.. | Rom    | 330       | 335     | 1.88       | 17            | 0           | 0          | 0              | as LRBC I, 48 | 603793  | 277177   |

## Appendix 6

### Flint

by Sarah Bates

### Pottery Catalogue

| Ctxt | Type                   | No. | Wt(g) | Date       | Comment  |
|------|------------------------|-----|-------|------------|--|
| 100  | burnt fragment         | 1   | 31    |            |  |
| 200  | retouched flake        | 2   | 0     |            | 1 tiny but appears to be slightly retouched - very tiny scraper type?, 1 - flake fragment with retouched edge      |
| 200  | burnt fragment         | 8   | 155   |            |  |
| 200  | spall                  | 2   | 0     |            |  |
| 200  | awl                    | 1   | 0     |            | very small with slight retouch at opposite sides of distal tip   |
| 200  | notched flake          | 1   | 0     |            | distal missing, blade type dorsal scars but quite wide, utilised right lateral edge includes very small notch      |
| 200  | utilised flake         | 2   | 0     |            | both small quite regular flakes, tend to long, with slight retouched of edges -on 1 continuing around distal end   |
| 200  | utilised blade         | 3   | 0     | Early Neo? | 2 very small, 1 medium with abraded platform edge and cortex 'backing left side/utilised right                     |
| 200  | flake                  | 9   | 0     |            | most very small, 2 burnt, 1 flake is neat curving with abraded platform edge, others irregular thickish            |
| 201  | burnt fragment         | 6   | 108   |            |  |
| 201  | spall                  | 2   | 0     |            |  |
| 201  | utilised blade/piercer | 1   | 0     |            | slightly curving/tapering to distal point, thickish triangular section, slight utilised/retouched including at tip |
| 201  | retouched blade        | 1   | 0     |            | fairly squat, some edge damage but also slight retouch along straight right lateral edge                           |
| 201  | utilised flake         | 1   | 0     |            | squat quite thin flake, slight edge utilisation  |

| Ctxt | Type             | No. | Wt(g) | Date | Comment   |
|------|------------------|-----|-------|------|---|
| 300  | flake            | 7   | 0     |      | various irregular small-very small, mostly thickish, 2 very small are chip-like   |
| 300  | burnt fragment   | 1   | 38    |      |   |
| 300  | spall            | 3   | 0     |      |   |
| 300  | retouched flake  | 1   | 0     |      | primary flake, ovate, semi abrupt retouch around much of left and distal edges  |
| 300  | retouched flake  | 1   | 0     |      | small tapering thin flake, proximal missing, quite shallow slight retouch along straight left edge  |
| 300  | blade-like flake | 2   | 0     |      | irregular small/very small  |
| 300  | blade            | 2   | 0     |      | 1 very small thickish irregular, 1 thin regular proximal fragment   |
| 400  | burnt fragment   | 2   | 25    |      |   |
| 500  | retouched flake  | 1   | 0     |      | distal part of flake, semi abrupt retouched of distal and right edges, broken 'proximal' edge also has slight retouch at left end so post-break, possibly irregular scraper-type tool |
| 500  | burnt fragment   | 1   | 9     |      |   |
| 501  | burnt fragment   | 4   | 3     |      |   |
| 501  | flake            | 12  | 0     |      | various, cortex thin light grey, but several types  |
| 501  | utilised flake   | 1   | 0     |      | longish flake - very slight edge utilisation  |
| 502  | retouched flake  | 1   | 0     |      | small thin curving and tapering flake, very slight shallow retouch along left edge  |
| 502  | blade-like flake | 1   | 0     |      | small slightly curving  |
| 502  | burnt fragment   | 6   | 92    |      |   |
| 502  | flake            | 1   | 0     |      | regular longish flake, thicker at proximal end, blade type scars  |
| 503  | flake            | 1   | 0     |      | small   |
| 503  | utilised blade   | 1   | 0     |      | thin trapezoid section, distal missing, cortex along right side, left lateral edge utilised - 'backed' knife  |
| 600  | spurred piece    | 1   | 0     |      | abraded and patinated, retouch of right side forms two small  |

| Ctxt | Type             | No. | Wt(g) | Date | Comment   |
|------|------------------|-----|-------|------|---|
|      |                  |     |       |      | shallow notches and slight spur between   |
| 600  | blade-like flake | 1   | 0     |      | very small thick - orangey stained  |
| 600  | burnt fragment   | 3   | 82    |      |   |
| 600  | piercer          | 1   | 0     |      | very small shallow triangular section blade, slightly curving, abraded platform edge, dark orange staining ??heated, distal tip unusually retouched from one edge and extreme tip small point, slightly worn                                    |
| 600  | arrowhead        | 1   | 0     |      | this very uncertain but might possibly be chisel type, is patinated, irregular and with some damage but wider distal edge of triangular flake has very slight retouch/utilisation and the are possible slight notches in each side....??hafting |
| 600  | flake            | 3   | 0     |      | all small, and all with some degree of patina - or a greenish stain in one case, 2 are quite neat   |
| 601  | burnt fragment   | 4   | 32    |      |   |
| 603  | burnt fragment   | 4   | 65    |      |   |
| 603  | retouched blade  | 1   | 0     |      | small quite short slightly curving, distal edge is 'truncated' by very abrupt retouch forming thin edge. All 4 flakes from this context have slightly 'greenish' stain/patina   |
| 603  | flake            | 2   | 0     |      | 1-very small thin, narrow proximal end has slight retouch to one side, 1-squat with wide hard hammer platform, dorsal platform edge with several indents and small 'overhangs'  |
| 603  | retouched flake  | 1   | 0     |      | squat with wide hard hammer platform - very similar to another flake from same context, left side which is short and straight has slight abrupt retouch, use as very thin scraper type edge?  |
| 703  | flake            | 2   | 0     |      | 1-small, cortex platform, 1 - very small glossy /patina   |

| Ctxt | Type                      | No. | Wt(g) | Date       | Comment   |
|------|---------------------------|-----|-------|------------|---|
| 1000 | utilised flake            | 1   | 0     |            | distal tip, thin triangular could be from blade-like piece, very slight utilised tip  |
| 1001 | utilised blade            | 1   | 0     |            | thickish small, slight damage - probable utilisation of edge  |
| 1001 | flake                     | 3   | 0     |            | all small, 1 patinated with cortex platform, 1 squat almost blade-like with abraded platform edge   |
| 1301 | utilised flake            | 1   | 0     |            | abraded platform edge, small blade-like with slight edge utilisation - mostly in slight shallow 'notch'   |
| 1301 | utilised blade            | 1   | 0     |            | small fragment, very slight edge utilisation  |
| 1401 | utilised blade            | 1   | 0     | Early Neo? | small neat with abraded platform edge, very slight retouch/utilisation of opposite faces/edges at distal but flake at point rather than awl-like  |
| 1401 | flake                     | 1   | 0     |            | hard hammer, from ?regular multi platform core  |
| 1402 | thinning flake            | 1   | 0     |            | broad with thicker proximal patina and battered platform surface - 'abraded' from dorsal edge- could be former biface edge - uncertain, wider distal part, multi direction dorsal scars |
| 1402 | burnt fragment            | 5   | 62    |            |   |
| 1402 | spall                     | 1   | 0     |            |   |
| 1402 | blade-like flake          | 4   | 0     |            | small- very small, all quite neat, 1 very small has abraded platform edge   |
| 1402 | blade-let                 | 3   | 0     |            | 2 very small  |
| 1402 | flake                     | 12  | 0     |            | various, several relatively larger flakes are similar, 1 with bashed platform edge and one at its surface, others smaller, 1 or 2 may be 'thinning' types                               |
| 1403 | multi platform blade core | 1   | 48    | Early Neo  | area of cortex one side but is quite neatly worked with blade type scars from one end and a small 'bladelet' scar from other end but another side previously flake from 'side'          |



| Ctxt | Type                      | No. | Wt(g) | Date       | Comment  |
|------|---------------------------|-----|-------|------------|--|
| 1403 | burnt fragment            | 25  | 433   |            | 1 fragment is burnt ?sandstone and has one smooth surface, - possibly from quern stone   |
| 1403 | spall                     | 2   | 0     |            |  |
| 1403 | flake                     | 17  | 0     |            | various, mostly very small, includes squat/broad and a few longer but irregular/wide   |
| 1403 | multi platform flake core | 1   | 38    | Early Neo  | quite small, slightly irregular longish and with some blade type scars - from one end and other flake types from other end   |
| 1403 | utilised blade            | 1   | 0     | Early Neo? | thin slightly curving blade with slight irregular damage to edges, right lateral edge probably utilised  |
| 1403 | knife                     | 1   | 0     | Early Neo? | neat blade, slight patination, small step fractured at proximal end, straight left lateral edge - knife - worn smooth at cutting edge. Deep notch in right edge might be use related; slight retouch at its distal side, distal end is 'truncated' |
| 1403 | blade-like flake          | 1   | 0     |            | very small   |

## Appendix 7

### Animal Bone

by Julie Curl

#### Catalogue of the faunal remains

| Ctxt | Trench | Ctxt Qty | Wt (g) | Species    | NISP | Adult | Juvenile | Neonatal | Element range              | Measure | Count | Butcherin g  | Comments   |
|------|--------|----------|--------|------------|------|-------|----------|----------|----------------------------|---------|-------|--------------|--|
| 200  | 2      | 10       | 214    | cattle     | 4    | 4     |          |          | metacarpal, tooth          |         |       | chopped      | proximal metacarpal from robust animal with arthritis and frags of MC, lower tooth |
| 200  | 2      |          |        | mammal     | 6    |       |          |          |                            |         |       |              |  |
| 201  | 2      | 5        | 40     | Equid      | 1    | 1     |          |          | lower molar                |         |       |              |  |
| 201  | 2      |          |        | mammal     | 3    |       |          |          |                            |         |       |              |  |
| 201  | 2      |          |        | sheep/goat | 1    | 1     |          |          | upper 2nd molar            |         |       |              | right side, GOAT   |
| 205  | 2      | 16       | 765    | cattle     | 10   | 12    |          |          | radius, MT, tibia, scapula |         | 3     | cut, chopped | cuts from skin and meat removal,   |
| 205  | 2      |          |        | mammal     | 6    |       |          |          |                            |         |       |              |  |
| 301  | 3      | 1        | 15     | cattle     | 1    |       |          |          | metatarsal                 |         |       | chopped      | proximal end   |
| 303  | 3      | 10       | 91     | cattle     | 8    | 8     |          |          | femur frags, teeth         |         | 1     | chopped      |  |
| 303  | 3      |          |        | mammal     | 2    |       |          |          |                            |         |       |              |  |
| 500  | 5      | 11       | 114    | cattle     | 4    | 4     |          |          | tooth fragments            |         |       |              | lower molar frags  |
| 500  | 5      |          |        | mammal     | 7    |       |          |          |                            |         |       |              |  |
| 501  | 5      | 12       | 353    | cattle     | 4    | 4     |          |          | talus, pph, metatarsal     |         | 2     | chopped      | cut pph  |
| 501  | 5      |          |        | mammal     | 6    |       |          |          |                            |         |       |              |  |
| 501  | 5      |          |        | sheep/goat | 2    | 2     |          |          | metatarsal, pelvis         |         |       | chopped      | ?GOAT  |
| 502  | 5      |          |        | mammal     | 6    |       |          |          |                            |         |       |              |  |

| Ctxt | Trench | Ctxt Qty | Wt (g) | Species    | NISP | Adult | Juvenile | Neonatal | Element range                    | Measure | Count | Butcherin g  | Comments  |
|------|--------|----------|--------|------------|------|-------|----------|----------|----------------------------------|---------|-------|--------------|---|
| 502  | 5      | 10       | 115    | sheep/goat | 4    |       | 4        |          | tibia in four pieces             |         | 1     |              | burnt juvenile s/g unfused tibia  |
| 503  | 5      | 17       | 246    | cattle     | 3    | 3     |          |          | radius, calcaneus, vertebrae     |         | 1     | chopped, cut | chopped and cut calcaneus   |
| 503  | 5      |          |        | mammal     | 12   |       |          |          |                                  |         |       | butchered    |   |
| 503  | 5      |          |        | pig/boar   | 2    |       | 2        |          | metapodials                      |         | 0.4   | chopped      | quite small and delicate - prob female  |
| 505  | 5      | 16       | 504    | cattle     | 16   | 1     |          |          | mandible, upper jaw, skull frags |         | 1     | cut          | sub-adult right jaw, M3 in wear, cuts on both sides, inc tongue meat and skin, skull frags                |
| 601  | 6      | 12       | 150    | cattle     | 5    | 5     |          |          | pph, horn, talus, vert, tooth    |         | 1.5   | cut, chopped | cut proximal phalange, lower premolar, base of horncore   |
| 601  | 6      |          |        | mammal     | 7    |       |          |          |                                  |         |       |              |   |
| 603  | 6      | 27       | 443    | cattle     | 17   |       | 17       |          | limbs, talus, teeth              |         | 2     |              | femur, metapodial, tibia frags, talus, teeth – unworn. Eroded bone in places, young juvenile dark stained |
| 603  | 6      |          |        | mammal     | 8    |       |          |          |                                  |         |       |              |   |
| 603  | 6      |          |        | sheep/goat | 2    | 2     |          |          | lower molars                     |         |       |              |   |
| 904  | 9      | 95       | 611    | cattle     | 7    |       |          |          | scapula, radius, humerus         |         | 1     | chopped      |   |
| 904  | 9      |          |        | mammal     | 87   |       |          |          |                                  |         |       |              | many small pieces of mammal bone, shaft and skull frags, dark stained                                     |
| 904  | 9      |          |        | pig/boar   | 1    |       |          |          | skull fragment                   |         |       |              |   |
| 1001 | 10     | 12       | 84     | cattle     | 2    | 2     |          |          | pph, metacarpal fragment         |         | 0.5   |              |   |
| 1001 | 10     |          |        | mammal     | 6    |       |          |          |                                  |         |       |              |   |
| 1001 | 10     |          |        | pig/boar   | 4    |       | 4        |          | teeth with frags of jaw attached |         |       |              | teeth in low wear, frags of jawbone attached  |
| 1007 | 10     | 2        | 11     | mammal     | 2    |       |          |          | shaft and rib                    |         |       | chopped, cut |   |
| 1301 | 13     | 3        | 9      | cattle     | 3    |       |          |          | tooth frags                      |         |       |              | lower molar   |

| Ctxt | Trench | Ctxt Qty | Wt (g) | Species | NISP | Adult | Juvenile | Neonatal | Element range                    | Measure | Count | Butcherin g | Comments   |
|------|--------|----------|--------|---------|------|-------|----------|----------|----------------------------------|---------|-------|-------------|--|
| 1302 | 13     | 19       | 448    | cattle  | 15   |       | 15       |          | skull frags, teeth, radius frags |         |       | chopped     | Dp4 present, all teeth lower jaw, eye sockets and otehr skull frags, prox and dist radius - UF |
| 1302 | 13     |          |        | mammal  | 5    |       |          |          |                                  |         |       |             |  |
| 1402 | 14     | 5        | 8      | cattle  | 1    |       |          |          | radius                           |         |       | chopped     |  |
| 1402 | 14     |          |        | mammal  | 4    |       |          |          |                                  |         |       |             |  |
| 1403 | 14     | 3        | 2      | mammal  | 3    |       |          |          |                                  |         |       |             |  |

NISP = Number of Individual Species (elements) Present

Measure – following Von Den Driesch, 1976

Countable – following Davis, 1992

## Appendix 8

### Plant Macrofossils

by Val Fryer

| Sample No.  | 3         | 2      | 13     | 6    | 12  |     | 11     | 4       | 5       | 7       | 10     | 8      | 9      |
|---|-----------|--------|--------|------|-----|-----|--------|---------|---------|---------|--------|--------|--------|
| Context No.   | 205       | 305    | 303    | 503  | 504 | 501 | 602    | 1004    | 1007    | 1009    | 1202   | 1402   | 1403   |
| Trench No.  | 2         | 3      | 3      | 5    | 5   | 5   | 6      | 10      | 10      | 10      | 12     | 14     | 14     |
| Associated with:                                    | Post-hole | Kiln 1 | Kiln 1 | Pit  | Pit | Pit | Linear | Hearths | Hearths | Hearths | Kiln 2 | Linear | Linear |
| <b>Cereals</b>                                      |           |        |        |      |     |     |        |         |         |         |        |        |        |
| <i>Avena</i> sp. (awn frags.)                       |           |        |        | xx   |     |     |        |         |         |         | x      |        |        |
| <i>A. fatua</i> L. (floret base)                    |           |        |        | xcf  |     |     |        |         |         |         |        |        |        |
| <i>Hordeum</i> sp. (grains)                         |           |        |        | x    | xcf | x   |        |         |         |         | x      |        |        |
| (rachis nodes)                                      |           |        |        | x    |     | x   |        |         |         |         | x      |        |        |
| <i>Triticum</i> sp. (grains)                        |           | x      | x      | xxx  | x   | x   |        |         |         |         | x      |        |        |
| (glume bases)                                       |           | xxx    | x      |      |     | x   |        |         |         |         | x      |        |        |
| (spikelet bases)                                    |           | xx     | x      | x    |     |     |        |         |         |         | x      |        |        |
| (rachis internodes)                                 |           | x      | x      | x    |     | x   |        |         |         |         | x      |        |        |
| <i>T. aestivum/compactum</i> type<br>(rachis nodes) |           |        |        |      |     |     |        |         |         |         | xcf    |        |        |
| <i>T. dicoccum</i> Schubl (glume<br>base)           |           |        |        | xcf  |     |     |        |         |         |         |        |        |        |
| <i>T. spelta</i> L. (glume bases)                   |           | xx     | xxx    | xxx  | x   | xx  |        |         |         |         | xxx    |        |        |
| (spikelet fork)                                     |           |        |        |      |     |     |        |         |         |         | x      |        |        |
| (spikelet frag.)                                    |           |        |        | x    |     |     |        |         |         |         |        |        |        |
| Cereal indet. (grains)                              |           | xxfg   | x      | xxxx | x   | x   | xcffg  | xcf     | xcf     |         | x      |        |        |

| Sample No.                                | 3         | 2      | 13     | 6   | 12  |     | 11     | 4       | 5       | 7       | 10     | 8      | 9      |
|---|-----------|--------|--------|-----|-----|-----|--------|---------|---------|---------|--------|--------|--------|
| Context No.                               | 205       | 305    | 303    | 503 | 504 | 501 | 602    | 1004    | 1007    | 1009    | 1202   | 1402   | 1403   |
| Trench No.                                | 2         | 3      | 3      | 5   | 5   | 5   | 6      | 10      | 10      | 10      | 12     | 14     | 14     |
| Associated with:                          | Post-hole | Kiln 1 | Kiln 1 | Pit | Pit | Pit | Linear | Hearths | Hearths | Hearths | Kiln 2 | Linear | Linear |
| (detached sprouts)                        |           | x      |        | x   |     |     |        |         |         |         |        |        |        |
| (silica skeletons)                        |           |        |        | x   |     |     |        |         |         |         |        |        |        |
| <b>Herbs</b>                              |           |        |        |     |     |     |        |         |         |         |        |        |        |
| <i>Anthemis cotula</i> L.                 |           | x      |        | x   |     |     |        |         |         |         |        |        |        |
| <i>Atriplex</i> sp.                       |           |        |        | xx  | x   |     |        |         |         |         |        |        |        |
| <i>Bromus</i> sp.                         |           | x      | x      | x   |     | x   |        |         |         |         |        |        |        |
| <i>Chenopodium album</i> L.               |           |        |        | x   |     |     |        |         |         |         | x      |        |        |
| Chenopodiaceae indet.                     |           |        |        | xx  |     | x   |        |         |         |         | x      |        |        |
| Small Fabaceae indet.                     |           | x      | x      | x   | x   | x   |        |         |         |         |        |        |        |
| <i>Fallopia convolvulus</i><br>(L.)A.Love |           |        | x      | xx  |     | x   |        |         |         |         |        |        |        |
| <i>Galium aparine</i> L.                  |           |        |        | x   | x   |     |        |         |         |         |        |        |        |
| <i>Lithospermum arvense</i> L.            |           |        |        | x   |     | x   |        |         |         |         |        |        |        |
| <i>Malva</i> sp.                          |           |        |        |     |     |     |        |         |         | xcf     |        |        |        |
| <i>Medicago/Trifolium/Lotus</i> sp.       |           |        |        | xcf |     |     |        |         |         |         |        |        |        |
| <i>Persicaria maculosa/lapathifolia</i>   |           |        |        | x   |     |     |        |         |         |         |        |        |        |
| Small Poaceae indet.                      |           | x      | x      | x   | x   | x   |        |         |         |         | x      |        |        |
| Large Poaceae indet.                      |           |        |        |     |     |     |        |         |         |         | x      |        |        |
| <i>Polygonum aviculare</i> L.             |           |        |        | x   |     |     |        |         |         |         |        |        |        |
| <i>Potentilla</i> sp.                     |           |        |        | x   |     |     |        |         |         |         |        |        |        |
| <i>Rumex</i> sp.                          |           |        |        | xx  |     | x   |        |         | x       |         | x      |        |        |
| <i>R. acetosella</i> L.                   |           |        |        | x   | xcf |     |        |         |         |         |        |        |        |

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| Context No.                                       | 205       | 305    | 303    | 503  | 504 | 501  | 602    | 1004    | 1007    | 1009    | 1202   | 1402   | 1403   |
| Trench No.  | 2         | 3      | 3      | 5    | 5   | 5    | 6      | 10      | 10      | 10      | 12     | 14     | 14     |
| Associated with:                                  | Post-hole | Kiln 1 | Kiln 1 | Pit  | Pit | Pit  | Linear | Hearths | Hearths | Hearths | Kiln 2 | Linear | Linear |
| <i>Silene</i> sp.                                 |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| <i>Stellaria media</i> (L.) Vill                  |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| <i>Thlaspi arvense</i> L.                         |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| <i>Tripleurospermum inodorum</i> (L.) Schultz-Bip |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| <i>Viola</i> sp.                                  |           |        |        |      |     | xcf  |        |         |         |         |        |        |        |
| <b>Wetland plants</b>                             |           |        |        |      |     |      |        |         |         |         |        |        |        |
| <i>Carex</i> sp.                                  |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| <i>Eleocharis</i> sp.                             |           |        |        | xx   | x   | xx   |        |         |         |         | x      |        |        |
| <i>Ranunculus flammula</i> L.                     |           |        |        |      | xcf |      |        |         |         |         |        |        |        |
| <b>Tree/shrub macrofossils</b>                    |           |        |        |      |     |      |        |         |         |         |        |        |        |
| <i>Corylus avellana</i> L.                        |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| <b>Other plant macrofossils</b>                   |           |        |        |      |     |      |        |         |         |         |        |        |        |
| Charcoal <2mm                                     | xx        | xxx    | xxx    | xxxx | xxx | xxxx | x      | xxxx    | xxxx    | xx      | xxxx   | x      | x      |
| Charcoal >2mm                                     | x         | xx     | xx     | xxxx | x   | xxx  | x      | xx      | xx      | x       | xxx    |        |        |
| Charcoal >5mm                                     |           | x      | x      | xx   | x   | x    |        |         | x       | x       | xx     |        |        |
| Charcoal >10mm                                    |           |        |        | x    |     | x    |        |         | x       |         | x      |        |        |
| Charred root/stem                                 |           | x      |        | xxx  | x   | x    |        | x       | x       |         | x      |        |        |
| Ericaceae indet. (stem)                           |           |        |        | xxxx |     | xcf  |        |         |         |         |        |        |        |
| (florets)   |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| <i>Calluna vulgaris</i> L. (capsule)              |           |        |        | x    |     |      |        |         |         |         |        |        |        |
| Indet. culm nodes                                 |           |        |        | x    |     |      |        |         |         |         | x      |        |        |

| Sample No.                      | 3         | 2      | 13     | 6        | 12   |      | 11     | 4       | 5       | 7       | 10     | 8      | 9      |
|---------------------------------|-----------|--------|--------|----------|------|------|--------|---------|---------|---------|--------|--------|--------|
| Context No.                     | 205       | 305    | 303    | 503      | 504  | 501  | 602    | 1004    | 1007    | 1009    | 1202   | 1402   | 1403   |
| Trench No.                      | 2         | 3      | 3      | 5        | 5    | 5    | 6      | 10      | 10      | 10      | 12     | 14     | 14     |
| Associated with:                | Post-hole | Kiln 1 | Kiln 1 | Pit      | Pit  | Pit  | Linear | Hearths | Hearths | Hearths | Kiln 2 | Linear | Linear |
| Indet. seeds                    |           | x      |        | xx<br>xm | x    | xx   |        |         |         |         |        |        |        |
| Indet. tuber                    |           |        |        | x        | x    |      |        |         |         |         |        |        |        |
| <b>Other remains</b>            |           |        |        |          |      |      |        |         |         |         |        |        |        |
| Black porous and tarry material |           | x      |        | x        | x    | x    |        |         | x       |         | xx     | x      |        |
| Bone                            | x         | x      | x      |          |      | x    |        | x       | x xb    |         |        |        |        |
| Burnt/fired clay                |           | x      | xx     |          |      |      |        | x       | xx      |         |        | x      |        |
| Ferrous concretions             |           |        |        |          |      |      | x      |         |         |         |        |        |        |
| Fish bone                       |           |        |        | xb       |      |      |        |         |         |         |        |        |        |
| Mineralised faecal material     |           |        |        | x        |      |      |        |         |         |         |        |        |        |
| Mineralised soil concretions    |           |        |        | x        |      |      |        | xx      |         |         |        |        |        |
| Siliceous globules              |           |        |        | xx       | x    | x    |        |         |         |         |        |        |        |
| Small mammal/amphibian bones    |           | x      |        | x xb     |      | x    |        |         | xb      |         |        |        |        |
| <b>Volume of flot (litres)</b>  | <0.1      | <0.1   | <0.1   | 0.2      | <0.1 | <0.1 | <0.1   | <0.1    | <0.1    | <0.1    | <0.1   | <0.1   | <0.1   |
| <b>% flot sorted</b>            | 100%      | 100%   | 100%   | 50%      | 100% | 100% | 100%   | 100%    | 100%    | 100%    | 100%   | 100%   | 100%   |

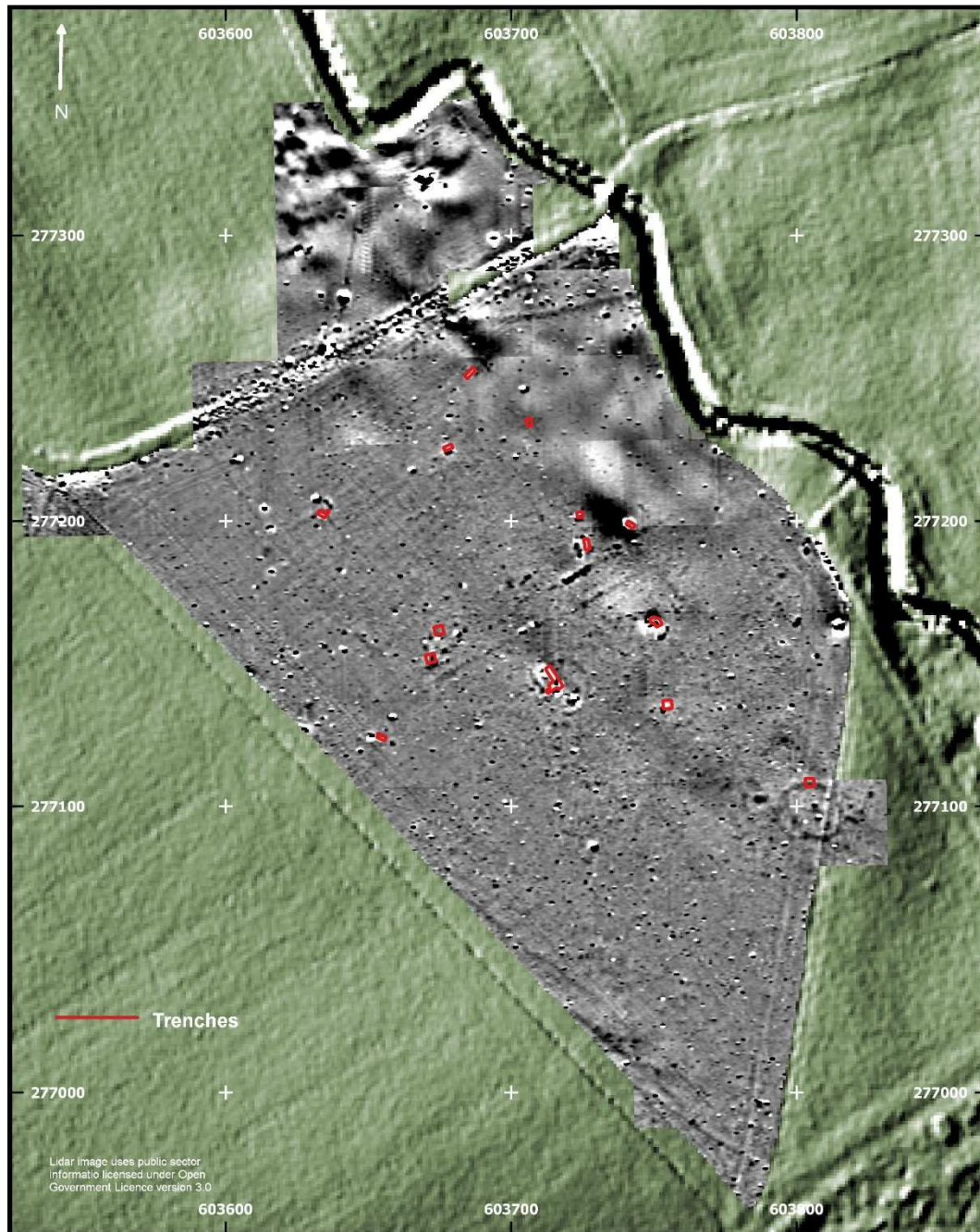
x = 1 – 10 specimens    xx = 11 – 50 specimens    xxx = 51 – 100 specimens    xxxx = 100+ specimens

cf = compare    fg = fragment    m = mineral replaced    b = burnt



## Appendix 9

### Geophysical Survey



Magnetometer survey carried out by the Suffolk Archaeological Field Group in 2013/2014.

The survey was carried out over some open trenches hence the magnetically noisy content that determined the trench positions has been displaced by excavation to the spoil heaps, giving a response separate to the trench locations in some cases.