

APPENDIX 1 - METALWORK

1.1 Assessment of the Iron Age and Roman Coins

by Paul Booth

Introduction

- 1.1.1 Two Iron Age and 49 Roman coins were recovered during excavation works at Thurnham Roman villa site (ARC THM 98). A single Iron Age coin was recovered during excavations at Hockers Lane (ARC 420/99 62+200-63+000).
- 1.1.2 The coins were recovered in hand excavation but many were located by metal detector used in conjunction with hand excavation. The use of the metal detector means that a high rate of recovery of coins can be assumed, increasing their basic value as dating evidence.
- 1.1.3 The recovery and study of the coins was undertaken in accordance with the Fieldwork Event Aims for the site, which are set out in section 2 of the main report, above. The principal purpose of recovering coins was to assist the establishment of a dated occupation sequence for all phases of the villa's development. The overall pattern of coin loss is also of value for interpreting change in the status, economic orientation and patterns of contact and trade of the site over time.

Methodology

- 1.1.4 All the coins were X-rayed and then examined briefly. The condition of the coins was very variable: full identification was possible in some cases with relatively little work, but in other cases close dating was not possible owing to the degree of wear, corrosion or encrustation. Coins were dated as closely as possible, and the need for further specialist cleaning in order to facilitate identification has been indicated in Table 4.1.

Quantification

- 1.1.5 Details of the date and context for each coin found at Thurnham Villa are provided in Table 4.1. These 51 coins (including surface and metal detector finds) can be broken down by approximate period as shown in Table 4.2.
- 1.1.6 The assemblage is too small for detailed comment on chronological trends, particularly until the dating of some coins can be refined. The relative frequency of early 4th century issues is notable, however. These were often in quite good condition and many could be identified quite precisely. The apparent rarity of later 4th century coins can only be confirmed after further work on the unspecified 4th century issues. A siliqua of Honorius (AD 395-402) in good condition was the only silver coin in the assemblage.
- 1.1.7 The quantity of coins is reasonably typical for villas in Kent and the south-east; however, it is very small by comparison with villas in the west and the midlands, where much larger numbers of 4th century coins are normally found. The small size of the coin assemblage therefore tends to support the impression of low-level 4th century activity, and suggests that this reflects a regional pattern.
- 1.1.8 A single coin (SF2, context 186) was recovered from Hockers Lane. This was a Class I potin, of Mack (1975) Type 12. The coin is broken into three pieces, but is otherwise in good condition. A date in the first half of the 1st century BC is likely.

Provenance

- 1.1.9 Coins were recovered from all areas of the site, and no analysis has been carried out at this stage to determine whether there are any significant patterns, although preliminary results suggest this is unlikely. Coins from the area of the temple included ?mid 1st century and ?late 1st to mid 2nd century, 3rd to 4th century and 4th century material; coins from the area of the main villa house were of 2nd, 3rd and 4th century date; 2nd and 4th century coins were recovered from the area east of the Aisled Building; a worn ?2nd century coin was recovered from context 10616, part of ditch group 10610; and a number of 4th century coins came from the 14-post structure and the area of the corn-drier.

Conservation

- 1.1.10 In general the early Roman coins (some of which are only tentatively assigned to the 1st-2nd centuries) are in poor condition while later material is more often better-preserved. Twenty three coins require specialist cleaning in order to improve their identification, but consolidation work is unlikely to be appropriate. It is not general practice to discard Roman coins.

Comparative Material

- 1.1.11 Particular points of comparison will be with assemblages from other villa sites in Kent, including published data from Darenth, Faversham, Keston and Lullingstone and unpublished information from sites such as Eccles, if available. More nearby adjacent villas and other rural settlement assemblages can also be checked for relevant comparative data. These might include sites such as Teston and Maidstone Barracks. From within the CTRL project, useful numbers of Roman coins were recovered at Pepper Hill/Waterloo Connection, and Roman coins are also reported as having been found during metal detecting at Northumberland Bottom.

Potential for further work

- 1.1.12 The following section discusses potential for further work in the light of the Landscape Zone Priorities and Fieldwork Event Aims.
- 1.1.13 The coins are most important for dating the contexts from which they derive and for informing interpretation of the overall chronological development of Thurnham Villa. The coins which require cleaning (see above), plus a further 15 coins, will need more detailed examination to maximise the information recovered, particularly with regard to dating.
- 1.1.14 Thirteen coins require no further examination. The records of these and the records for the remaining coins, updated in the light of cleaning and more detailed examination, can be used to refine understanding of the chronological sequence of the villa. They can be compared with other assemblages from Kent to determine the degree to which the pattern of coin loss observed at Thurnham is typical of the region and thus to inform interpretation of the sequence and of social and economic aspects of the site.

Bibliography

Mack, R P, 1975 *The coinage of ancient Britain*, London (3rd edition)

1.2 Assessment of the Post-Roman Coins

by Martin Allen

Introduction

- 1.2.1 Three post-Roman coins were recovered during excavation works at Thurnham Villa.
- 1.2.2 All were metal detector finds.
- 1.2.3 The recovery and study of coins was undertaken in accordance with the Fieldwork Event Aims for the site, which are set out in section 2 of the main report, above. The principal purpose of recovering coins was to assist the establishment of a dated occupation sequence for all phases of the villa's development. The overall pattern of coin loss is also of value for interpreting change in the status, economic orientation and patterns of contact and trade of the site over time.

Methodology

- 1.2.4 In order to assist in the dating of the site, all coins were examined and identified.

Quantification

- 1.2.5 Details of the three coins are given in Table 4.3, and a brief commentary on each is given below.
- 1.2.6 A silver cut halfpenny of Henry I (1100-35) was found. This is a coin of *BMC* type x, which can be tentatively dated to *c* 1117-19 (Blackburn 1991, 72). It was struck in Winchester by the moneyer Stigant, and probably deposited no later than *c* 1140. Coins of Henry I had almost completely disappeared from circulation by *c* 1140 (Archibald 1988, 279) providing a probable terminus for this coin. The Lincoln hoard, deposited *c* 1130, had 186 coins of type x in a total of at least 744, but 1065 coins in the Prestwich hoard of *c* 1141 did not include type x.
- 1.2.7 A copper halfpenny of William III (1689-1702) was minted 1695-1701. The withdrawal of copper coins minted before 1797 was completed in 1817 (Craig 1953, 324-5), when these coins of William III were demonetised and so it was probably deposited no later than that date.
- 1.2.8 A copper halfpenny of George IV (1820-30) was minted 1825-7. This coin was deposited no later than 1869, when the withdrawal of copper coins of 1797-1860 effectively ended.

Provenance

- 1.2.9 All coins were metal detector finds. The coin of Henry I was recovered from a medieval occupation layer in the south-east of the site. The halfpenny of William III came from a buried post-medieval ploughsoil, while the halfpenny of George IV was unstratified.

Conservation

- 1.2.10 No further work is required on these coins. It is not normal practice to discard coins.

Comparative material

- 1.2.11 Comparative studies of these coins would provide little information of relevance to the CTRL project's aims.

Potential for further work

- 1.2.12 The coin of Henry I is potentially of considerable interest for dating the reestablishment of occupation on the Thurnham Villa site in the medieval period. This has direct relevance for the Landscape Zone Priorities Research Objective 2.4, sub-periods (ii) and (iii). While no further work is required on the coin itself, it should be taken into account in further study of the stratigraphy and finds assemblages from the medieval contexts. It will be important to establish whether the coin can be associated with contemporary activity at the site, or whether it is more likely to be an isolated chance loss.
- 1.2.13 The two post-medieval halfpennies have no potential to contribute to the research aims of the CTRL project.

Bibliography

Archibald, M M, 1988 English Medieval coins as dating evidence, in *Coins and the Archaeologist* (eds J Casey and R Reece), London, 264-301

Blackburn, M, 1991 Coinage and currency under Henry I: a review, *Anglo-Norman Studies* 13, 49-76

Craig, J, 1953 *The Mint: A History of the London Mint from AD 287 to 1948*, Cambridge

1.3 Assessment of the Bronze Age Metalwork

by Peter Northover

Introduction

- 1.3.1 Two items of metalwork of identifiably Bronze Age type were recovered during excavation works at Thurnham Roman Villa (ARC THM 98). They comprise a small, tapered blade with probable lozenge section and notched butt, and a small pin with shepherd's crook head.
- 1.3.2 The objects were hand retrieved on site.
- 1.3.3 The recovery and study of metalwork was undertaken in accordance with the Fieldwork Event Aims for the site, which are set out in section 2 of the main report, above. Recovery of metalwork was undertaken to help date the occupation sequence for all phases of site's development. It was also designed to elucidate the status, economic orientation and patterns of contact and trade of the settlement, and to elucidate ritual and ceremonial use of the landscape.

Methodology

- 1.3.4 As there are only two items, they have been visually examined and recorded, and a search for possible parallels has been undertaken in order to refine the dating.

Quantification

- 1.3.5 Two bronze artefacts were found within the waterhole. The first is a small dirk or knife blade (sf 10071). It has a small slender blade with sub-lozenge shaped section. The blade has a concave outline and narrow arch butt with a rivet notch on either side, but it is thought that a small nick at the top of the butt does not represent another rivet-notch. It has a rusty brown patina over dull light green corrosion products. It is 84mm long and the blade width is 22mm.
- 1.3.6 There are two possibilities for a dating and context for this blade. It may belong to the family of Early Bronze Age knife daggers, or could derive from a Middle Bronze Age dirk.
- 1.3.7 Knife-daggers were catalogued by Gerloff (1975, nos 237-346), and her illustrations show that almost no knife-daggers have a lozenge section blade, and none at all have side rivet-notches. A Middle Bronze Age parallel is possible, and Burgess and Gerloff (1981) show that rivet notches are most common among the dirks and rapiers of Group IV, especially Type Cutts, with many blades re-worked for hafting. However, these blades all have some form of mid-rib however broad and flat, so it seems unlikely that the Thurnham blade belongs to this group. Burgess and Gerloff (1981, Nos. 207-307) catalogue a rather heterogeneous selection of blades as Group II dirks and rapiers with poorly defined butts or butts modified for re-hafting, primarily on the basis of the lozenge-section of the blade. Some blades may have been wrongly attributed but it seems reasonable to place the Thurnham blade in this group.
- 1.3.8 The second artefact was a crook-headed pin (sf 10072). This is a slender pin with sharp point and two bends in the shaft. The head of the shaft is bent over in a simple crook but not recurved. It has a rusty brown patina over dull light green corrosion products, and is 90mm long.
- 1.3.9 This pin does not fall within a well-defined type. It could be regarded as a simplified roll-headed pin, which could date it to any period from the beginning of the Middle

Bronze Age onwards. Alternatively, it could be a prototype or derivative of a shepherd's crook pin, for which a date no earlier than the last phase of the Middle Bronze Age would apply. Even more likely, though, is the probability that the pin has been re-worked from a damaged example of an unidentified type. A Middle Bronze Age date is still feasible but it is necessary for this to be demonstrated.

Provenance

- 1.3.10 Both bronze artefacts were found within a waterhole (10288) with a ramped access, which lay in the south-east of the site. The waterhole had evidently been subject to disturbance, and also contained Iron Age and medieval pottery, as well as a red deer metatarsal dated to cal AD 978-1155 (at 95% confidence level). Despite the presence of this later material, the interpretation of this feature as a Bronze Age ritual deposit in a waterhole is still preferred, on the grounds that the association of two Bronze Age artefacts in this way, by pure chance, is extremely unlikely.

Conservation

- 1.3.11 The items are suitably packaged for long term storage. No special conservation is required. Bronze Age metalwork is exceptionally rare, and it would not be considered good practice to discard these objects.

Comparative material

- 1.3.12 The dirk or knife blade does not fall into a well-defined typology but it can be compared with other similar items, of which numerous examples have been catalogued by Burgess and Gerloff (1981). It may be necessary also to look for parallels in adjacent regions of France (Blanchet 1984).
- 1.3.13 No modern synthesis of British Bronze Age pins is available to take account of a variety of finds from excavations, but for the present O'Connor (1980, 75, 124, 200) provides the most useful review.

Potential for further work

CTRL Landscape Zone Priorities and Fieldwork Event Aims

- 1.3.14 The following section discusses potential for further work in the light of the Landscape Zone Priorities and Fieldwork Event Aims.
- 1.3.15 Both pin and blade have a similar patina attributable to their shared environment, but they are not necessarily of similar composition. As noted above, the blade has been re-worked, most probably from a small Group II dirk. The original date of manufacture of the blade would be in the Acton Park period of the Middle Bronze Age (MBA I), perhaps the 16th/15th centuries BC. The time of deposition of the blade could, of course, be significantly later.
- 1.3.16 The pin has probably also been re-worked but the original type cannot be directly identified, and the date of manufacture cannot be deduced from its form.
- 1.3.17 There is a robust chronology for bronze compositions now available for the British Middle Bronze Age, and therefore the possibility of a dating via the composition is very strong. An analysis may well give some idea of the origin of the pin as well, as it would for the blade. For the latter it would also be possible to confirm, or otherwise, the identification as a Group II dirk. A compositional analysis is therefore recommended for both items.
- 1.3.18 More precise information regarding the dating and probable origins of these objects will enhance understanding of the date of the waterhole, the nature of the activity

associated with it, and its probable affinities. Although of no relevance to the principal Fieldwork Event Aims of the site, this information will be valuable for the study of wider Landscape Zone Priorities, in particular ritual and ceremonial use of the landscape, and the interaction of past communities with the palaeo-environment.

New research aims and objectives for the CTRL archaeology project

- 1.3.19 The association, worn condition and recovery of these two objects from within a waterhole is likely to add important information for the understanding of the specialised nature and complex patterning of Middle Bronze Age metalwork deposition.

Bibliography

Blanchet, J C, 1984 *Les métallurgistes en Picardie et dans le nord de la France*, Memoirs de la Société Préhistorique de France 17, Paris

Burgess, C B, and Gerloff, S, 1981 *The dirks and rapiers of Great Britain and Ireland*, *Prähistorische Bronzefunde*, IV(7), München

Gerloff, S, 1975 *The Early Bronze Age daggers in Great Britain and a reconsideration of the Wessex Culture*, *Prähistorische Bronzefunde*, VI(2), München

O'Connor, B, 1980 *Cross-Channel relations in the later Bronze Age*, BAR Int Ser 91, Oxford

1.4 Assessment of the Roman Metalwork - Copper Alloy, Iron and Lead

by Hilary Cool

Introduction

- 1.4.1 A total of 1069 metal objects were recovered during excavation works at Thurnham Roman Villa (ARC THM 98), with a further 2 objects from the watching brief at Thurnham Roman Villa (ARC 420/99 63+400-63+900) and 2 objects from Hockers Lane (ARC 420/99 62+200-63+000). Two of the items from the excavations at Thurnham Villa have provisionally been identified as being of Middle Bronze Age date (sf 10071-2). These are the subject of a separate assessment.
- 1.4.2 Virtually all of the items were recovered by hand excavation with only 38 coming from sieved samples.
- 1.4.3 The recovery and study of metalwork was undertaken in accordance with the Fieldwork Event Aims for the site, which are set out in section 2 of the main report, above. The recovery of this material was undertaken to assist with establishing a dated occupation sequence for the villa's development, and to illuminate the status, economic orientation and patterns of contact and trade of the settlement.

Methodology

- 1.4.4 In order to assist with the provisional phasing and dating of contexts, and to achieve a more accurate quantification of the different components of the assemblage, all material was rapidly inspected and identified. This has permitted the identification of a large number of iron nails, and miscellaneous fragments which will probably require little further investigation.
- 1.4.5 The iron work was assessed by inspection of the X-radiographs (with inspection of the iron items where appropriate). The copper alloy was assessed by inspecting the object (with inspection of the appropriate X-radiograph where appropriate). The lead was assessed by inspecting the object.
- 1.4.6 A basic archive catalogue was produced following the guidelines set out by the Roman Finds Group and Finds Research Group (RFG & FRG 1993).
- 1.4.7 Where appropriate, entries given in the description have used names derived from standard typologies. For ironwork items this relates to the work of Manning (1985), for hair pins, Cool (1991), and for finger rings, Henig (1974). For brooches the nomenclature of Hattatt has been followed (see for example Hattatt 1989, figs. 154-230).
- 1.4.8 It should be noted that under count, the number entered does not always equate with the number of fragments. The assemblage contains a very large number of nails and nail fragments which have a tendency to fragment. Where multiple nail fragments have been included as one small find, the count relates to the number of heads represented thus providing minimum number estimate. The number of fragments present when the find was X-rayed is given in the description field.
- 1.4.9 This catalogue will provide sufficient information about the less diagnostic fragments for a full catalogue at analysis stage, and the fragments themselves would not need to be inspected again.
- 1.4.10 Where available, the nature of the context and the pottery spot date has been taken into consideration.

Quantification

- 1.4.11 The metalwork may be considered according to the generally accepted functional categories established by Crummy (1983). The assemblage is dominated by structural items which, with two exceptions, are iron nails. The other most prolific categories are personal ornaments (51 items) and fasteners and fittings (49 items). Other categories represented by moderate numbers of items are toilet implements, furniture and household equipment, transport fittings and tools. Categories represented by very small numbers of items are writing and religious equipment. There is a small amount of debris from metalworking. All the metalwork is listed by context on Table 4.12.
- 1.4.12 The range in each category is considered in the following sections. The range of types represented and their varying size and conditions, all suggest that that the assemblage does not suffer from any bias due to excavation technique or preservation conditions.
- 1.4.13 Many items are not inherently datable, but where a date can be assigned on typological grounds virtually all of the items are of Roman date, with the more closely dated ones being of 1st to 2nd century AD date. There is only one item that is probably of 4th century date. Two items of transport equipment can be dated to the 12th to 14th centuries. There is also one lead token or jetton of medieval date (sf 10058) which should be included in the coin report during the analysis stage. There is a small amount of definitely modern material, mainly cartridge cases, from contexts 10038, 10182, 10402, 10408, 10503 and 11738.

Personal equipment

- 1.4.14 The range of personal equipment is shown in Table 4.4. The most chronologically sensitive pieces are the brooches, hair pins, finger rings and bracelet.
- 1.4.15 The most numerous brooch types are Hod Hills (sf 10298, 10627, 12361) and Colchester Derivatives (sf 10089, 10857, 10771, 11029). Also present are Aucissa (sf10772), Langton Down (sf10870, 11396) and Nauheim Derivative (sf10966, ARC420 sf 4) brooches. All of these would have been in use mainly in the mid to later 1st century. One brooch may be a single piece Colchester brooch (sf10862) and might be slightly earlier but investigative conservation will be required before this can be confirmed. A small fragment of an enamelled plate brooch (sf 10386) might suggest a 2nd century date. An iron penannular brooch (sf 10474) may also be present but again will need investigative conservation.
- 1.4.16 The hair pins include three items that may be dated to the later 1st to 2nd centuries (sfs 10878, 10934, 10970) and two other knob-headed examples (sf 10104 and 10649) that are not closely dated within the Roman period.
- 1.4.17 The finger-rings are a signet-ring of the later 1st to the earlier 3rd century (sf 10549) and a bezel of a 2nd century enamelled ring (sf 10767).
- 1.4.18 The only bracelet (sf 10365) is a cable twist bracelet in use from the later 1st to the 4th century, but most numerous during the 4th century.

Toilet, household, recreational and writing equipment

- 1.4.19 The toilet and medical equipment is summarised in Table 4.5. The forms are all Roman ones but do not tend to be chronologically sensitive within that period.
- 1.4.20 The household items are summarised in Table 4.6. All items are Roman with the exception of the iron drop handle (U/S) which need not be Roman. A handle (sf

10879) came from a large 1st century bowl. Three items (sf 10360, 10390, 10865) appear to have come from elaborate pieces of furniture such as a candelabrum or stool.

1.4.21 The only item that might be associated with recreation is a small lead disc carefully cut from a piece of sheet (sf 11027) which may have acted as a counter.

1.4.22 The only item of writing equipment is a seal box lid of unusual form (sf 10804), probably of 2nd century date.

Transport items

1.4.23 The transport items are summarised in Table 4.7. Two of the horseshoes could be of any date from the medieval to modern period but one fragment (sf 10888) could well be of 12th to 14th century date. A similar date is likely for the spur (sf 10000). The linch pins are typical Roman forms. One of the harness pendants (sf 10713) is of particular interest as it is a 1st to 2nd century lunulate form, normally associated with military activity.

Nails, knives, tools, fasteners and fittings

1.4.24 The assemblage is dominated by iron nails. Quantified according to the method outlined in the methodology, there are 785 from the main excavations and one each from the Thurnham Villa watching brief and from Hockers Lane. Iron nails are not inherently closely datable, but most of these could well be of Roman date. Other structural finds include a holdfast and a wall hook.

1.4.25 Knives and tools are summarised in Table 4.8. This is the category which will need the greatest amount of investigative conservation to confirm and refine the identifications. All those identified appear to be Roman forms.

1.4.26 All the items that fall within the fasteners and fittings category are summarised in Table 4.9. Again many of these items are not inherently closely datable but the range is typical of that found on many Roman sites. Of particular interest is an iron item in need of investigative conservation (sf 10566) that may be a lock bolt of a type more common in copper alloy.

1.4.27 The only item associated with agricultural activities was an iron spade shoe (sf 10974) of a typical Roman form.

Religious items

1.4.28 Religious items may be represented by two pieces of statuary. A large hollow-cast fragment (sf10060) appears to come from the base of large statue. There is also a small solid human foot (sf 10380) from a small figurine possibly of a leaping or dancing figure. A Roman date would be appropriate for each.

Metalworking

1.4.29 Metal working is indicated by two possible fragments of iron slag (sf 10193 and 10181) and three possible fragments of copper alloy casting waste (sf 10902, 10908, 10985). The punch is probably an iron smithing tool.

Miscellaneous

1.4.30 Miscellaneous items are summarised in Table 4.10. Some of the items currently listed merely as objects may be identified after investigative conservation. The bars and rods include a fragment from ARC 420 Hockers Lane (indicated *).

Provenance

- 1.4.31 Approximately one-third of the assemblage comes from stratified contexts, the broad distribution of which is summarised in Table 4.11. As shown on the table, the most prolific contexts were the fills of ditches 10610 and 20400, the large interior room of the stone villa re-used as a smithy (subgroup 20000) and the soil spread 11030. Two of these are of special interest.
- 1.4.32 One of the most varied assemblages, in terms of range of items recovered, comes from the fill of ditch 20400. Given the date of the infill of this, the debris in it may well relate to the occupation of the proto-villa. If this is correct, then the recovery of the handle fragment noted above is of some interest as it would have come from a large item of tableware.
- 1.4.33 The other large varied assemblage comes from the smithy (sub-group 20000). Virtually all of the items are made of iron. Some appear to be broken items and it seems likely that many may be scrap gathered together for re-forging. For example, a very large nail (sf 10812) which contains enough iron for it to be worth re-forging, is twisted and has clearly been extracted from wood and is not a freshly forged item. There may, however, be some residual material amongst the assemblage from this room as this is where the possible Colchester brooch of early to mid 1st century date was found.
- 1.4.34 Some items are heavily corroded, but there does not appear to be an obvious correlation between these items and any particular context or context type.

Conservation

- 1.4.35 On the whole the metalwork is in good condition. Full details of the needs for long term storage are itemised below. Approximately 80 items would require further conservation input for full analysis. The amount of input that would be required varies from air abrading selected areas on ironwork items (to establish details), to lightly cleaning surface soil from some copper alloy items (to aid illustration). The precise work required should be decided in consultation with the conservator. None of this work should conflict with long term storage.
- 1.4.36 The small find numbers of items that would require investigative conservation are as follows:

10060	10089	10126	10131	10142	10165	10212	10219	10275
10283	10298	10360	10365	10380	10385	10389	10390	10393
10464	10465	10474	10521	10549	10558	10566	10567	10617
10620	10627	10629	10636	10649	10701	10713	10727	10751
10757	10758	10761	10764	10767	10772	10774	10776	10779
10786	10788	10796	10798	10801	10802	10804	10809	10818
10830	10838	10840	10847	10850	10862	10865	10870	10878
10879	10889	10890	10899	10974	10975	10987	10988	10999
11002	11003	11006	11029	11033	10337			

Sample 10140

plus 3 other items from contexts 11722, 15001, 15272

- 1.4.37 As it seems likely that many of the items in this assemblage are of Roman date even when not intrinsically closely datable, it would not normally be considered good practice to discard them. Items such as the cartridge cases (sf10101, 10206, 10310-1), and the natural stones and concretions (sf 10584, 10883, sample 10289), however, should be discarded.

Comparative material

- 1.4.38 Metal finds were recovered from the earlier excavations and will provide useful comparanda for this assemblage. A hair pin recovered in 1958 (Pirie 1961, 170, fig 5.12) may be very similar, for example, to sf 10878.
- 1.4.39 Locally there are good metalwork assemblages published which would allow the Thurnham material to be set in local context. Examples include those from Canterbury (see for example Blockley *et al* 1995) and Lullingstone (Meates 1987).
- 1.4.40 More widely there are good publications of the metalwork assemblages from contemporaneous villa sites in southern Britain such as Gorhambury, Herts (Neal *et al* 1990) which will allow the Thurnham material to be set in a regional and national context.
- 1.4.41 There are few comparable assemblages from other CTRL sites. Roman metalwork has been found in the excavations of the Pepper Hill/Waterloo Connection cemetery, and in both excavations and a preliminary metal detector survey at Northumberland Bottom. Both of these sites should provide reasonable quantities of contemporary material. Elsewhere, however, the metalwork collected from the smaller rural sites has been of very limited potential. A Colchester-type brooch was found at East of Station Road, but generally the metalwork from smaller sites has been scarce, and few datable types are represented. All metalwork recovered from Cuxton cemetery is reported to be of Anglo-Saxon date. The present author has noted in the assessment for South of Snarkhurst Wood that the scarcity of metalwork finds from Late Iron Age/early Roman rural sites may suggest that this type of settlement indeed had very little access to this kind of material, by comparison with contemporary towns or villas.

Potential for further work

- 1.4.42 The potential of this assemblage can be considered from two aspects, those connected with the original Fieldwork Event Aims and new research aims suggested by the material itself.

CTRL Landscape Zone Priorities and Fieldwork Event Aims

- 1.4.43 The copper alloy items are more closely datable items than the ironwork. Generally these provide useful supporting evidence to the pottery spot date. In no case do they suggest dates later than that suggested by the pottery spot date, but in a few instances relatively closely dated items have been found in contexts which have no pottery spot dates (contexts 10348, 10503, 10652, 10992, 11546, 11892, 15002, 20169). These may provide useful evidence for refining the date of these contexts. The metalwork thus has some potential for contributing to a dated occupation sequence for the villa's development.
- 1.4.44 The metalwork assemblage is large enough to make useful contributions to establishing the status, economic orientation and patterns of contact and trade of the settlement. Clearly items such as the fragments of figurine and possibly larger statue indicate a site of some status and wealth, as do the household items noted. An example showing how the metalwork will contribute to two aspects of this field work aim will be considered in detail below. Other aspects are likely to emerge during the analysis stage when the metalwork can be set more fully within the context of the stratigraphic narrative and the other categories of finds.
- 1.4.45 Hair pins of 1st to 2nd centuries have strong regional distributions (Cool 1991) and Thurnham is on the boundary between two such areas. There are hints that some of the hair pins from the site may be types typical of the area north of the Thames

rather than those of north Kent. Confirmation of this will have to await investigative conservation in the form of selective cleaning to reveal clearer detail of surface treatment, decoration and manufacturing techniques; however, if the attribution is correct then it will clearly have a useful contribution to make to establishing the patterns of contact and trade of the villa's inhabitants.

- 1.4.46 The bowl represented by the handle noted above not only indicates a lifestyle at the villa of some pretension, but is also of interest because the association of the type with military sites has been noted in the past (Crummy 1983, 73, no 2046). Taken together with the presence of the lunulate pendant, this might hint at some form of military connection for the site. The proto villa might therefore be another example of those villas built by members of the native elite who had seen service in the Roman army as postulated by Black (1994). This line of enquiry should be pursued at analysis stage.
- 1.4.47 An overview of the assemblage should be compiled relating it to the stratigraphy of the site, and giving special attention to the assemblages noted in ditch 20400 and the smithy site.
- 1.4.48 It is recommended that distribution plots of the very large nail assemblage be inspected as these may be a useful tool in examining the structures on the site as many are the length typically used when timber clad buildings are being erected.

New research aims and objectives for the CTRL archaeology project

- 1.4.49 The assemblage will be of value in contributing to synthetic regional studies of material culture. A good example of how it might contribute can be seen by a consideration of the brooch assemblage. All of the bow brooches are types that are conventionally attributed to the 1st century. The types that are conventionally viewed as being typical of the later 1st century to mid 2nd century (trumpets, headstuds and fantails) are conspicuous by their absence. Given brooch wearing habits in the 2nd century in southern Britain, it is unlikely that the inhabitants of Thurnham gave up wearing brooches. There must, therefore, be the possibility that they were continuing to wear 'old-fashioned' brooches. This is a pattern that a cursory examination of the brooches from neighbouring sites also suggests. A pattern *may* be emerging that suggests Kentish brooch use may have a slightly different chronology to that generally accepted. This is certainly the case for northern Britain (Snape 1993, 99) and the south-west (Timby 1998, 223). The wider dissemination of the Thurnham assemblage will clearly have a part to play in establishing such a pattern.
- 1.4.50 In order to fully extract the potential outlined above, the following steps would be necessary. The identifiable items of individual interest, should be catalogued (approximately 125 items), and the hobnails, the nails and miscellaneous items presented as tables where appropriate. This work should be carried out after the investigative conservation has been completed.
- 1.4.51 A brief typological discussion placing the material in a chronological and regional/national context should be written. The discussion would be more extended where items could contribute to understanding specific aspects of the occupation.

Bibliography

Black, E W, 1994 Villa-owners: Romano-British Gentlemen and Officers, *Britannia* 25, 99-110

- Blockley, K, Blockley, M, Blockley, P, Frere, S S and Stow, S, 1995 *Excavations in the Marlowe car park and surrounding areas*, Archaeology of Canterbury V, Canterbury
- Cool, H E M, 1991 Roman metal hair pins from southern Britain, *Archaeol J* 147 (1990), 148-82
- Crummy, N, 1983 *The Roman small finds from excavations in Colchester 1971-9*, Colchester Archaeol. Rep 2, Colchester
- Hattatt, R, 1989 *Ancient brooches and other Artefacts*, Oxford
- Henig, M, 1974 *A corpus of Roman engraved gemstones from British sites*, BAR Brit. Ser. 8, Oxford
- Manning, W H, 1985 *Catalogue of the Romano-British Iron Tools, Fittings and Weapons in the British Museum*, London
- Meates, G W, 1987 *The Roman villa at Lullingstone, Kent. Volume II the wall paintings and finds*, Kent Archaeol. Soc. Monograph 3, Maidstone
- Neal, D S, Wardle, A, and Hunn, J, 1990. *Excavation of the Iron Age, Roman and medieval settlement at Gorhambury, St. Albans*. English Heritage Archaeological Report 14 , London
- Pirie, E, 1961 Thurnham Roman villa, *Archaeologia Cantiana* LXXIV (1960), 162-70
- RFG & FRG 1993 Roman Finds Group and Finds Research Group AD 700-1700, 1993. *The guidelines for the preparation of site archives and assessments for all finds other than fired clay vessels*.
- Snape, M E, 1993 *Roman brooches from north Britain* BAR Brit. Ser. 235, Oxford
- Timby, J, 1998 *Excavations at Kingscote and Wycomb, Gloucestershire, Cirencester*.

Table 4.1: Thurnham Roman villa Arc THM 98: Coins by context and date

Context	Sf Number	Period	Early Date	Late Date	Comments
10400	10112	RO			Radiate; Late 3rdC
10400	10113	RO	270	273	Tetricus I
10402	10104	RO	335	341	GLORIA EXERCITVS; NFW
10405	10114	RO			V. poor condition; pierced; C
10407	10118	RO	Late C 1	Mid C 2	Poor condition
10407	10134	RO			V. poor condition; C; ?4thC
10411	10119	RO	395	402	Silver siliqua, Honorius; NFW
10412	10176	RO	C 3	C 4	C
10414	10718	RO			C; 4thC
10415	10117	RO	138	161	Antoninus Pius; C
10415	10213	RO	323	324	Constantine II; NFW
10415	10214	RO	323	324	Crispus; NFW
10457	10379	RO	330	335	GLORIA EXERCITVS; C
10461	10246	RO			Worn; ?late 2ndC
10502	10352	RO			Poor condition; C; ?2ndC
10503	10286	RO			V poor condition; C; ?2ndC
10503	10919	RO			SOLI INVICTO COMITI; NFW; AD315
10503	10297	RO	316	317	SOLI INVICTO COMITI; C
10506	10319	RO	310	317	GENIO POP ROM
10509	10358	RO	310	312	CONCORD MILIT; NFW
10509	10357	RO	327	328	PROVIDENTIA AVGG; NFW
10509	10356	RO	330	335	Vrbs Roma; C
10509	10354	RO			C; 4thC
10509	10353	RO			V poor; C; ?4thC
10517	10977	RO			V. poor
10616	10407	RO			V poor; C; ?2thC
10993	10714	RO			?4thC
11011	10381	RO	335	341	GLORIA EXERCITVS, irregular; NFW
11267	10596	RO	350?	365	C
11311	10401	RO			V poor condition; C; ?mid 1stC
11452	10388	RO	350?	365	
11578	10828	RO	327	328	PROVIDENTIAE AVGG; NFW
11578	11011	RO			C; after AD 330
12523	11034	RO			Radiate; later 3rdC
12525	11035	RO	C 1	C 2	C
15001	10997	RO			Poor condition; C; ?1stC
15001	10803	RO	C 1	C 2	Worn; C
15005	10807	RO	early C 1?	Mid C 1	Poor condition; C
15205	10918	IA			?Cunobelinus
15211	11036	RO	?350	365	Cut down
20058	10800	RO	250	295	Radiate
10058	10814	RO	270	295	Barbarous radiate
20079	10914	RO	C 1?	C 2	V poor condition; C
20098	10836	RO	270	295	Barbarous radiate
20103	10844	RO	?270	295	?barbarous radiate
20117	10848	IA			Potin; C
20288	10959	RO			BEATA TRANQVILLITAS; NFW; AD322
US	10005	RO	364	378	GLORIA ROMANORVM; worn; NFW
US	10373	RO	C 1	C 2	Poor condition; C
US	10956	RO	322	323	BEATA TRANQVILLITAS; NFW
US (MD)	51	RO			BEATA TRANQVILLITAS; NFW; AD321

Conventions in comments column: C = cleaning required; NFW = no further work required on identification

Table 4.2: Thurnham Roman Villa ARC THM 98: Summary of number and date of coins

Period	No
Iron Age	2
1st century	3
1st-2nd century	10
Late 3rd century	7
Early 4th century (310-330)	11
330-365	7
House of Valentinian	1
House of Theodosius	1
4th century	6
3rd-4th century	1
Roman uncertain	2

Table 4.3: Thurnham Roman Villa ARC THM 98: Post-Roman coins

Context	Material and type	Period	Probable Early Date	Probable Late Date	Weight	Condition	Comments
10024	Silver cut halfpenny of Henry I (1100-35)	MD	1117	1119	0.54 g	moderate wear, bent	BMC type x, Winchester moneyer Stigant: Obv:]NRI[]RE[Rev: +STI[]PIN[]
10039	Copper halfpenny of William III (1689-1702)	PM	1695	1701	8.51 g	heavy corrosion	deposited no later than 1817
10006	Copper halfpenny of George IV (1820-30)	PM	1825	1827	8.17 g	heavy corrosion	probably deposited no later than 1869

Table 4.4: Thurnham Roman Villa ARC THM 98: Metalwork, Personal Equipment

Type	Copper Alloy	Iron	Total
Hobnails	-	23	23
Brooch	16*	1	17
Hair pin	5	1	6
Finger Ring	2	-	2
buckle	1	1	1
Bracelet	1	-	1
Total	25	26	51

(* includes one brooch from ARC 420 Thurnham villa)

Table 4.5: Thurnham Roman Villa ARC THM 98: Metalwork, Toilet and Medical Equipment

Type	Copper alloy
Toilet spoon	2
Spatula	2
Mirror	1
Olivary probe	1
Handle	1
Total	7

Table 4.6: Thurnham Roman Villa ARC THM 98: Metalwork, Household Items

Type	Copper alloy	Iron	Composite	Total
Furniture elements	2	-	1	3
Drop handles	1	1	-	2
Vessel	1	-	-	1
Total	4	1	1	6

Table 4.7: Thurnham Roman Villa ARC THM 98: Metalwork, Transport Associated Artefacts

Type	Copper Alloy	Iron	Total
Horseshoe	-	3	3
Linch pin	-	2	2
Harness pendant	2	-	2
Spur	-	1	1
Total	2	6	8

Table 4.8: Thurnham Roman Villa ARC THM 98: Metalwork, Knives and Tools

Type	Iron
Knives and blades	10
Other	8
Drill bit	3
Punch	2
Chisel	2
Total	25

Table 4.9: Thurnham Roman Villa ARC THM 98: Metalwork, Fastenings and Fittings

Type	Copper alloy	Iron	Total
Studs and allied fittings	13	2	15
Spiked loops & other staples	1	9	10
Ferrule	2	5	7
Binding	2	1	3
Key and lock elements	-	3	3
Angle Bracket	-	2	2
Joiners dog	-	2	2
Chain elements	-	2	2
Clip	1	-	1
Hinge	-	1	1
Miscellaneous	2	1	3
Total	21	28	49

Table 4.10: Thurnham Roman Villa: Metalwork, Miscellaneous Artefacts

Type	Copper alloy	Iron	Lead	Total
Bars, rods, etc	4*	12	-	15
Plate and Sheet	10	8	12	30
Strips	8	8	-	16
Wire	1	3	-	4
Run-off	-	-	11	11
Ring	10	3	-	13
Plug	-	-	2	2
Object	-	12	-	12
Fragments	11	21	4	36
Total	43	67	29	139

Table 4.11: Thurnham Roman Villa ARC THM 420: Provenance of Stratified Metalwork

Context Type	Nail	Other	Total
Ditch 10610	30	6	36
Ditch 10620	1	-	1
Ditch 10690	1	-	1
Ditch 20400	44	13	57
Crushed Tile 10780	4	1	5
Floor 11140	2	1	3
Cobble floor 12204	9	2	11
Cobble floor 12370	3	5	8
Aisled Building	3	7	10
Proto villa	5	3	8
Villa Room 20000	27	18	45
Villa other rooms	8	25	33
Well 11010	2	-	2
Burial	6	-	6
Holloway	21	1	22
Misc contexts	19	3	22
Soil spread 11030	47	21	68
Buried soil 20360	4	12	16
Total	236	118	354

Table 4.12: Thurnham Roman Villa ARC THM 98: Catalogue of Metalwork

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10001	10393	Cu	1			stud	flat head, thick shank
10007	10000	Iron	1	MD	C12-C14	spur	complete, fragmented
10007	10001	Iron	1			nail	complete
10013	10033	Lead	1			fragment	plano-convex
10015	10008	Cu	1			wire	fragment
10015	10009	Iron	1			nail	tip missing
10015	10017	Iron	1			nail	shank
10015	10018	Iron	1			nail	shank
10015	10019	Iron	1			nail	tip missing
10015	10020	Iron	1			buckle	triangular loop
10015	10022	Iron	1			nail	tip missing
10015	10023	Cu	1	RO		spatula ?	perforated bowl
10015	10025	Lead	1			sheet	fragment
10015	10026	Cu	1			strip	perforated
10015	10027	Lead	1			run-off	
10015	10028	Lead	1			run-off	
10015	10029	Lead	1			sheet	offcut
10015	10030	Lead	1			run-off	
10015	10031	Iron	1			nail	shank fragment
10015	10032	Lead	1			fragment	plano-convex
10015	10042	Iron	1			nail	head
10015	10043	Iron	1			ring	broad band, fragment
10015	10055	Iron	1			nail	shank fragment
10015	10056	Iron	1			blade ?	tip
10015	10058	Lead	1	MD		token	or jetton
10023	10002	Iron	1			nail	complete
10038	10003	Iron	1	MO		bolt	shank fragment
10038	10004	Iron	1			nail	shank
10057	10013	Iron	1			nail	complete, fragmented
10059	10014	Iron	1			nail	complete
10059	10015	Iron	1			nail	shank
10059	10016	Iron	1			nail	complete
10063	10010	Iron	1			nail	complete
10063	10011	Iron	1			nail	head, small
10064	10012	Iron	1			nail	head & shank
10087	10044	Iron	1			nail	head & shank
10087	10045	Iron	1			nail	shank fragment
10087	10046	Iron	1			nail	shank fragment
10087	10047	Iron	1			nail	head & shank
10087	10048	Iron	1			nail	shank fragment (2)
10087	10049	Iron	1			nail	head & shank
10087	10050	Iron	1			nail	shank fragment (2)
10087	10051	Iron	1			nail	tip missing
10087	10052	Iron	1			nail	complete
10087	10053	Iron	1			nail	tip missing
10087	10054	Iron	1			nail	head & shank
10089	10034	Iron	1			blade ?	tip
10089	10035	Iron	1			pendant	or broken large washer
10089	10036	Iron	1			nail	tip missing

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10089	10037	Iron	1			binding	straight, with rivet
10089	10038	Iron	1			nail	shank fragment
10089	10040	Iron	1			nail	shank fragment
10089	10041	Iron	1			fitting	with nail for attachment
10089	10057	Iron	1			nail	tip missing
10110	10060	Cu	1	RO		statue ?	hollow casting, fragment from base
10110	10073	Iron	1			loop-headed spike	complete with ring
10133	10061	Iron	1			nail	tip missing
10178		Iron	1			nail	tip missing (2 frags)
10178		Iron	1			nail	shank fragment
10178		Iron	1			fragment	10+ small chips
10182		Composite	2	MO		cartridge case	fragments from 2
10197	10065	Iron	1			nail	head & shank
10208	10066	Iron	1			nail	tip missing
10208	10067	Iron	1			nail	tip missing
10208	10068	Iron	1			nail	tip missing
10211	10062	Iron	1			u staple	complete
10211	10063	Iron	1			u staple	complete
10235	10070	Lead	1			fragment	
10235	10070	Lead	1			fragment	
10294	10071						not sent
10294	10072						not sent
10314	10077	Iron	1	MD; MO		horseshoe	arm fragment retaining nail
10315	10078	Iron	1			nail	shank fragment
10316	10079	Iron	1			nail	tip missing
10319	10075	Iron	1			nail	complete
10332	10081	Iron	1			nail	complete
10333	10082	Iron	1			nail	complete
10334	10083	Iron	1			nail	shank fragment
10337	10084	Iron	1			nail	shank fragment
10339	10268	Iron	1			nail	shank
10341	10087	Iron	1			nail	tip missing
10342	10088	Iron	1			nail	tip missing
10348	10089	Cu	1	RO	Mid C1 - Early C2	brooch	colchester derivative, spring and pin twisted out of place
10349	10090	Iron	1			nail	shank fragment
10349	10091	Iron	1			nail	shank fragment
10349	10092	Iron	1			nail	head and shank fragment
10349	10095	Iron	1			nail	shank fragment
10349	10096	Iron	1			nail	head and shank fragment
10349	10217	Iron	1			bar	fragment
10349	10227	Iron	1			nail	shank fragment
10349	10235	Iron	1			nail	shank fragment
10349	10256	Iron	1			nail	shank fragment
10349	10264	Iron	1			nail	shank fragment
10349	10270	Iron	1			nail	shank fragment
10349	10318	Cu	1			ring	in 3 fragments
10356	10271	Iron	1	MO		nail	complete (in 2 frags.)

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10356	10272	Iron	1			nail	complete
10372	10267	Iron	1			nail	shank fragment
10373	10218	Iron	1			nail	shank fragment
10373	10219	Iron	1			tool?	hooked end
10373	10220	Iron	1			nail	shank fragment
10373	10281	Iron	1			nail	head & shank fragment
10397	10094	Iron	1			bar	
10397	10098	Iron	1			bar	
10397	10215	Iron	1			spring	large spiral fragment
10399	10221	Iron	1			u staple	complete
10399	10222	Iron	1			u staple	fragment
10402	10100	Lead	1			run-off	
10402	10101	Composite	1	MO		cartridge case	fragment
10402	10102	Lead	1			sheet	fragment
10402	10103	Cu	1			sheet	crumpled and multi-layered
10402	10105	Iron	1			bar	rectangular-sectioned
10402	10106	Iron	1			nail	shank fragment
10402	10107	Iron	1			nail	tip missing
10404	10108	Cu	1	RO		stud	with integral washer
10404	10111	Lead	1			fragment	
10404	10395	Lead	1			sheet	fragment
10405	10115	Cu	1	RO		ferrule	or large bead, crescentic cross-section
10406	10109	Iron	1			fragment	
10406	10110	Lead	1			run-off	
10407	10116	Cu	1			ring	moulded exterior
10407	10121	Iron	1			nail	shank fragment
10407	10122	Iron	1			nail	shank fragment
10407	10123	Iron	1			nail	shank fragment
10407	10124	Iron	1			nail	shank fragment (2)
10407	10125	Iron	1			nail	shank fragment
10407	10126	Iron	1			strip	tapered end
10407	10127	Iron	1			nail	shank fragment (2)
10407	10128	Iron	1			nail	head and shank fragment
10407	10129	Iron	1			nail	head and shank fragment
10407	10130	Iron	1			nail	complete (in 2 frags.)
10407	10131	Iron	1			shackle	broken annular ring with ring ends
10407	10132	Iron	1			nail	shank fragment
10407	10133	Iron	1			nail	shank fragment
10407	10135	Iron	1			nail	head and shank fragment
10407	10136	Iron	1			nail	shank fragment
10407	10137	Iron	1			nail	shank fragment
10407	10138	Iron	1			nail	head and shank fragment
10407	10139	Iron	1			nail	shank fragment
10407	10140	Iron	1			nail	tip missing
10407	10141	Iron	1			nail	head and shank fragment

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10407	10142	Iron	1			plate	5 sided, perforated
10407	10143	Iron	1			nail	head and shank fragment
10407	10144	Iron	1			nail	tip missing
10407	10145	Iron	1			nail	head and shank fragment
10407	10146	Iron	1			nail	head and shank fragment
10407	10147	Iron	1			nail	head only
10407	10148	Iron	1			nail	tip missing
10407	10149	Iron	1			nail	tip missing (2 frags)
10407	10150	Iron	1			nail	shank fragment
10407	10151	Iron	1			nail	shank fragment
10407	10152	Iron	1			nail	head only
10407	10153	Iron	1			nail	shank fragment
10407	10154	Iron	1			nail	shank fragment
10407	10155	Iron	1			nail	head and shank fragment
10407	10156	Iron	1			nail	head and shank fragment
10407	10157	Iron	1			nail	head and shank fragment
10407	10158	Iron	1			nail	head and shank fragment
10407	10159	Iron	1			nail	head and shank fragment
10407	10160	Iron	1			nail	shank fragment
10407	10161	Iron	1			nail	shank fragment
10407	10162	Iron	1			nail	head and shank fragment
10407	10163	Iron	1			nail	head and shank fragment
10407	10164	Iron	1			nail	head and shank fragment
10407	10165	Cu	1	RO		stud	flat head
10407	10166	Iron	1			nail	shank fragment
10407	10167	Iron	1			nail	head and shank fragment
10407	10168	Iron	1			nail	complete (in 2 frags.)
10407	10169	Iron	1			nail	shank
10407	10498	Iron	1			nail	head and shank fragment
10407	10499	Iron	1			nail	shank
10407	10500	Iron	1			nail	head and shank fragment
10407	10501	Iron	1			nail	head and shank fragment
10407	10502	Iron	1			nail	complete (in 3 frags)
10407	10503	Iron	1			nail	head and shank fragment
10407	10504	Iron	1			nail	head and shank fragment
10407	10505	Iron	1			nail	head and shank fragment
10407	10506	Iron	1			nail	head and shank fragment
10407	10507	Iron	1			nail	shank fragment (3 frags)
10407	10508	Iron	1			nail	shank fragment

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10407	10509	Iron	1			nail	shank fragment
10407	10510	Iron	1			nail	shank fragment
10407	10511	Iron	1			nail	head and shank fragment
10407	10512	Iron	1			nail	shank (2 frags)
10407	10513	Iron	1			nail	head and shank fragment
10407	10514	Iron	1			nail	shank fragment
10407	10515	Iron	1			nail	tip missing (2 frags)
10407	10516	Iron	1			nail	tip missing (2 frags)
10407	10517	Iron	1			plate	crumpled
10407	10608	Iron	1			nail	shank fragment
10407	10609	Iron	1			nail	complete, shattered
10407	10610	Iron	1			nail	head and shank fragment
10408	10179	Iron	1			nail	tip missing
10408	10180	Iron	1			nail	shank fragment
10408	10181	Iron	1			nail	complete (in 2 fragments)
10408	10182	Iron	1			nail	complete
10408	10183	Iron	1			nail	shank fragment
10408	10184	Iron	1			nail	shank fragment
10408	10185	Cu	1			ring	complete
10408	10186	Iron	1			nail	head and shank fragment
10408	10187	Iron	1			nail	head and shank fragment
10408	10188	Iron	1			nail	head and shank fragment
10408	10189	Iron	1			nail	shank fragment
10408	10190	Iron	1			nail	head and shank fragment
10408	10191	Iron	1			nail	shank fragment
10408	10192	Iron	1			nail	shank fragment
10408	10193	Iron	1			slag	
10408	10194	Iron	1			nail	head and shank fragment
10408	10195	Iron	1			nail	shank fragment
10408	10196	Iron	1			nail	head
10408	10197	Iron	1			nail	head and shank fragment
10408	10198	Iron	1			nail	tip missing
10408	10199	Iron	1			nail	head and shank fragment
10408	10200	Iron	1			nail	complete
10408	10201	Iron	1			nail	head and shank fragment
10408	10202	Iron	1			nail	shank fragment
10408	10203	Iron	1			fragment	
10408	10204	Iron	1			loop	single long leg
10408	10205	Iron	1			nail	shank fragment
10408	10206	Composite	1	MO		cartridge case	fragment
10408	10207	Iron	1			nail	head and shank fragment
10408	10208	Iron	1			nail	shank fragment
10408	10209	Iron	1			joiners dog	complete

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10408	10210	Iron	1			nail	shank fragment
10408	10211	Iron	1			nail	complete (2 frags)
10408	10212	Iron	1	RO		linch pin	manning 2b
10409	10170	Iron	1			nail	head and shank fragment
10409	10171	Iron	1			nail	head and shank fragment
10409	10172	Iron	1			nail	head and shank fragment
10409	10173	Iron	1			nail	head and shank fragment
10409	10174	Iron	1	RO		hobnail	complete
10409	10175	Iron	1			nail	shank fragment
10409	10620	Iron	1			small hook	flanged with perforation
10410	10120	Cu	1	RO		ferrule	or large bead, triangular cross-section
10412	10617	Iron	1			bar	curved
10413	10177	Iron	1			ferrule	complete
10413	10614	Iron	1			nail	head and shank fragment
10413	10615	Iron	1			nail	head and shank fragment
10413	10616	Iron	1			nail	head and shank fragment
10413	10618	Iron	1			nail	complete
10413	10619	Iron	1			nail	tip missing
10420	10076	Iron	1			nail	shank fragment
10436	10223	Iron	1			nail	tip missing
10436	10225	Iron	1			nail	shank fragment
10436	10226	Iron	1			nail	shank fragment
10461	10229	Iron	1			nail	head and shank fragment
10461	10230	Iron	1			nail	head and shank fragment
10461	10231	Iron	1			nail	shank fragment (2)
10461	10232	Iron	1			nail	shank fragment
10461	10233	Iron	1			nail	shank fragment (2)
10461	10234	Iron	1			nail	shank fragment
10461	10236	Iron	1			nail	shank fragment
10461	10237	Iron	1			nail	head and shank fragment
10461	10238	Iron	1			nail	shank fragment
10461	10239	Iron	1			nail	shank fragment
10461	10240	Iron	1			nail	head and shank fragment
10461	10241	Iron	1			nail	shank fragment
10461	10242	Iron	1			nail	shank fragment
10461	10243	Iron	1			nail	shank fragment
10461	10244	Iron	1			nail	shank fragment
10461	10245	Iron	1			nail	shank fragment
10461	10248	Iron	1			nail	shank fragment
10461	10249	Iron	1			nail	shank fragment
10461	10250	Iron	1			nail	shank fragment
10461	10251	Iron	1			nail	shank fragment
10475	10228	Iron	1			nail	head and shank

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
							fragment
10484	10258	Iron	1			nail	shank fragment (2)
10484	10259	Iron	1			nail	shank
10484	10260	Iron	1			nail	head and shank fragment
10484	10262	Iron	1			nail	complete
10484	10263	Iron	1			nail	head and shank fragment
10485	10266	Iron	1			nail	shank
10486	10265	Iron	1			block	
10487	10363	Iron	1			nail	shank fragment (3)
10487	10364	Iron	1			nail	shank fragment
10487	10366	Iron	1			bar	tapering
10487	10368	Iron	1			nail	shank fragment
10487	10369	Iron	1			nail	head and shank fragment
10487	10370	Iron	1			nail	head and shank fragment
10487	10371	Iron	1			nail	shank fragment
10487	10372	Iron	1			nail	head and shank fragment
10489	10604	Iron	1			nail	shank fragment
10489	10605	Iron	1			nail	shank fragment
10489	10606	Iron	1			nail	head and shank fragment
10489	10607	Iron	1			nail	shank fragment
10492	10252	Iron	1			nail	tip missing
10494	10253	Iron	1			fragment	
10494	10254	Iron	1			wire	bent
10494	10255	Iron	1			rod	bent
10497	10667	Iron	1			nail	shank
10497	10668	Iron	1			nail	head and shank fragment
10497	10669	Iron	1			nail	shank fragment
10497	10670	Iron	1			nail	shank fragment
10497	10678	Iron	1			nail	shank fragment
10497	10679	Iron	1			nail	tip missing
10497	10680	Iron	1			nail	complete (2 frags)
10497	10681	Iron	1			nail	tip missing (2 frags)
10497	10750	Iron	1			nail	shank fragment (2)
10503	10282	Lead	1			run-off	
10503	10283	Cu	1	RO	C1	brooch	rosette, lacking front decoration
10503	10284	Iron	1			nail	complete
10503	10285	Lead	1			sheet	fragment
10503	10287	Iron					not on x-ray
10503	10288	Iron	1			nail	shank fragment
10503	10289	Iron	1			nail	shank fragment
10503	10290	Iron	1			nail	shank fragment
10503	10291	Iron	1			nail	shank fragment
10503	10292	Iron	1			nail	head and shank fragment
10503	10293	Iron	1			object	
10503	10294	Iron	1			nail	head and shank fragment

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10503	10295	Iron	1			nail	shank fragment
10503	10296	Iron	1			nail	complete
10503	10298	Cu	1	RO	Mid-Late C1	brooch	hod hill
10503	10299	Iron	1			nail	shank fragment
10503	10300	Iron	1	RO		hobnail	complete
10503	10301	Iron	1			nail	shank fragment
10503	10302	Iron	1			nail	head and shank fragment
10503	10303	Iron	1			nail	head and shank fragment
10503	10304	Iron	1			nail	head and shank fragment
10503	10305	Iron	1			nail	shank fragment
10503	10306	Iron	1			nail	shank fragment
10503	10307	Iron	1			nail	shank fragment
10503	10308	Iron	1			fragment	
10503	10309	Iron	1			nail	shank fragment
10503	10310	Composite	1	MO		cartridge case	fragment
10503	10311	Composite	1	MO		cartridge case	fragment
10503	10312	Iron	1			strip	? perforated
10503	10313	Iron	1			nail	shank fragment
10503	10314	Iron	1			nail	head and shank fragment
10503	10315	Lead	1			plug	circular
10503	10316	Iron	1	RO		upholstery nail	complete
10503	10317	Lead	1			run-off	
10503	10320	Iron	1			nail	shank fragment
10503	10321	Iron	1			nail	shank fragment
10503	10322	Iron	1			nail	head and shank fragment
10503	10323	Iron	1			nail	complete
10503	10324	Iron	1			nail	head and shank fragment
10503	10325	Iron	1			nail	head and shank fragment
10503	10326	Iron	1			nail	head and shank fragment
10503	10327	Iron	1			fragment	
10503	10328	Iron	1			nail	head and shank fragment
10503	10329	Iron	1			hobnail	complete
10503	10330	Iron	1			nail	head and shank fragment
10503	10331	Iron	1			nail	head and shank fragment
10503	10332	Iron	1			nail	head and shank fragment
10503	10333	Iron	2			nail	complete
10503	10334	Iron	1			nail	tip missing
10503	10335	Iron	2			nail	1 complete, 1 shank frag
10503	10336	Iron	1			nail	complete
10503	10337	Iron	1			nail	head and shank fragment
10503	10338	Iron	1			nail	shank fragment
10503	10339	Iron	1			ring	complete

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10503	10340	Iron	1			nail	complete
10503	10341	Iron	1			nail	shank fragment
10503	10342	Iron	1			nail	? head only
10503	10343	Iron	1			nail	shank fragment
10503	10344	Iron	1			nail	shank fragment
10503	10345	Iron	1			fragment	
10503	10346	Iron	1			nail	head and shank fragment
10503	10347	Iron	1			nail	shank fragment
10503	10348	Iron	1			nail	shank fragment
10503	10349	Iron	1			nail	head and shank fragment
10503	10350	Iron	1			nail	complete
10503	10351	Iron	1			nail	complete
10503	10899	Cu	1	RO	C1	brooch	rosette, with parts of front decoration, much obscured
10503	11032	Cu	1			fragment	
10508	10275	Iron	1	RO		knife	manning 11b, complete
10508	10277	Iron	1			nail	shank fragment
10508	10278	Iron	1			nail	shank fragment
10508	10279	Iron	1			nail	head and shank fragment
10508	10280	Iron	1			nail	complete
10509	10355	Lead	1			sheet	fragment
10509	10359	Lead	1			sheet	off-cut
10509	10360	Cu	1	RO		terminal	? furniture item
10509	10361	Lead	1			run-off	
10510		Iron	1			nail	complete
10513	10365	Cu	1	RO		bracelet	cable twist, terminals broken
10513	10374	Iron	1			nail	shank fragment
10513	10375	Iron	1			nail	head and shank fragment
10513	10376	Iron	1			fragment	
10513	10377	Iron	1			nail	complete
10513	10378	Iron	1			nail	complete
10513	10404	Cu	1			rod	possibly toilet implement shaft etc
10513	10426	Iron	1			nail	head and shank fragment
10513	10427	Iron	1			nail	head and shank fragment
10513	10428	Iron	1			nail	head and shank fragment
10517	10519	Iron	1			nail	head and shank fragment
10527	10383	Iron	1			nail	shank fragment
10527	10384	Iron	1			nail	shank fragment
10528	s10017	Iron	1			nail	head and shank fragment
10552	10406	Iron	1			nail	shank fragment
10554	10409	Iron	1			nail	shank fragment
10556	10410	Iron	1			nail	shank fragment
10565	10420	Iron	1			nail	shank fragment
10575	10425	Iron	1			nail	head and shank

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
							fragment
10609	10414	Iron	1			nail	head and shank fragment
10609	10415	Iron	1			nail	shank fragment
10609	10416	Iron	1			nail	head and shank fragment
10609	10417	Iron	1			nail	complete
10609	10418	Iron	1			nail	shank fragment
10609	10419	Iron	1			nail	head and shank fragment
10609	10436	Iron	1			nail	head and shank fragment
10609	10437	Iron	1			nail	tip missing
10609	10438	Iron	1			nail	complete
10609	10439	Iron	1			nail	tip missing
10609	10440	Iron	1			nail	complete
10609	10441	Iron	1			nail	tip missing
10609		Iron	1	RO		hobnail	complete
10615	10408	Iron	1			nail	shank fragment
10634	10487	Iron	1			nail	shank fragment
10634	10639	Iron	1			nail	shank fragment
10634	10640	Iron	1			nail	shank fragment
10634	10641	Iron	1			nail	shank fragment
10634	10642	Iron	1			nail	head and shank fragment
10634	10646	Iron	1			nail	shank fragment
10637	10625	Iron	1			nail	head and shank fragment
10637	10626	Iron	1			nail	head and shank fragment
10642	10635	Iron	1			nail	complete
10643	10521	Iron	1			blade ?	fragment
10643	10522	Iron	1			nail	head and shank fragment
10652	10627	Cu	1	RO	Mid C1-Late C1	brooch	hod hill. tinned, pin missing
10654	10629	Iron	1			ferrule	narrow
10654	10630	Iron	1			nail	? head only
10654	10631	Iron	1			fragment	
10657	10663	Iron	1			nail	head and shank fragment
10665	10637	Iron	1			nail	head and shank fragment
10667	10636	Iron	1			implement	fragment
10668	10523	Cu	1			strip	sheet, folded
10671	10739	Lead	1			sheet	folded fragment
10680	10731	Iron	1			nail	head and shank fragment
10685		Iron	1			nail	complete
10688	10633	Iron	1			nail	shank fragment
10693	s10460	Iron	1			nail	head and shank fragment
10703	10643	Iron	1			nail	shank fragment
10706	10644	Iron	1			nail	head and shank fragment
10726	10704	Iron	1			fragment	
10756	10652	Iron	1			nail	head and shank

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
							fragment
10756	10653	Iron	1			nail	head and shank fragment
10756	10654	Iron	1			nail	shank fragment
10756	10655	Iron	1			nail	shank fragment
10756	10656	Iron	1			nail	shank fragment
10756	10657	Iron	1			nail	tip missing
10756	10658	Iron	1			nail	head and shank fragment
10756	10659	Iron	1			nail	shank fragment
10756	10660	Iron	1			nail	tip missing
10756		Iron	1			nail	head and shank fragment
10759	10687	Iron	1			nail	complete
10759	10688	Iron	1			nail	head and shank fragment
10759	10689	Iron	1			nail	tip missing
10769	10661	Iron	1			nail	head and shank fragment
10769	10662	Iron	1			nail	complete
10772	10647	Iron	1			nail	shank fragment
10772	10648	Iron	1			nail	shank fragment
10772	10649	Iron	1			pin	head and shank fragment
10772	10650	Iron	1			nail	complete
10772		Iron	1			nail	shank fragment
10780	10685	Iron	1			joiners dog ?	or bracket
10782	10824	Iron	1			fragment	
10786	10664	Iron	1			nail	shank fragment
10810	10672	Iron	1			ferrule	narrow
10810	10673	Iron	1			nail	head and shank fragment
10810	10682	Iron	1			nail	complete
10810	10683	Iron	1			nail	head and shank fragment
10813	10666	Iron	1			nail	tip missing
10813		Iron					not on x-ray
10830	10665	Iron	1			nail	shank fragment
10830	10671	Iron	1			fragment	
10863	10684	Cu	1			fragment	-2
10864		Iron	1			strip	
10866		Iron	1			nail	tip missing
10866		Iron	1			nail	multiple head & shank (10)
10870	10698	Iron					not on x-ray
10870	10699	Iron	1			nail	head and shank fragment
10870	10700	Iron	1			fragment	
10870	10701	Iron	1			object	? with suspension loop
10870	10702	Iron	1			nail	shank fragment
10870	10703	Iron	1			nail	shank fragment
10870	10705	Iron	1			nail	head and shank fragment
10870	10706	Iron	1			nail	shank fragment
10870	10717	Iron	1			nail	shank fragment

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
10870	10730	Iron	1			nail	head and shank fragment
10870	10736	Iron	1			nail	head and shank fragment
10871	10622	Iron	1			nail	shank fragment
10925	10690	Cu	1			sheet	crumpled, folded fragment
10935	10692	Iron	1			nail	head and shank fragment
10935	10707	Iron	1			nail	head and shank fragment
10935	10708	Iron	1			nail	head and shank fragment
10935	10709	Iron	1			nail	115mm complete
10936	10958	Iron	1			nail	2 fragments corroded together
10936		Iron	1			nail	shank fragment
10939	10693	Iron	1			nail	head and shank fragment
10939	10694	Iron	1			nail	head and shank fragment
10939	10695	Iron	1			nail	head and shank fragment
10939	10696	Iron	1			nail	shank fragment
10992	10713	Cu	1	RO	C1-C2	harness pendant	lunulate with hinge ?
11009	10390	Cu & Fe	1	RO		fitting	furniture foot (candelabra etc) - iron with cu fittings. 2 fr.
11011	10382	Iron	1			nail	head and shank fragment
11011	10391	Cu	1			fragment	
11011	10392	Iron	1			nail	shank fragment
11025	10385	Cu	1			fitting	double-headed cu. stud with central shank retaining ? leather
11026	s10014	Iron	1			nail	shank fragment
11033	10430	Iron	1			nail	shank fragment
11033	10431	Iron	1			nail	shank fragment
11033	10442	Iron	1			nail	shank fragment
11033	10455	Iron	1			nail	shank fragment
11033	10460	Iron	1			nail	shank fragment
11034	10423	Iron	1			nail	shank fragment
11034	10434	Iron	1			nail	shank fragment
11036	10424	Iron	1			nail	complete
11036	10435	Iron	1			nail	tip missing
11038	10429	Iron	1			nail	head and shank fragment
11044	10433	Iron	1			angle bracket	complete
11044	10443	Iron	1			nail	shank fragment
11044	10444	Iron	1			nail	shank fragment
11044	10445	Iron	1			nail	shank fragment
11044	10446	Iron	1			nail	shank fragment
11044	10447	Iron	1			blade ?	tip
11044	10449	Iron	1			double-spiked loop	complete
11044	10450	Iron	1			nail	shank fragment
11044	10451	Iron	1			nail	shank fragment

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
11044	10452	Iron	1			nail	shank fragment
11044	10453	Iron	1			nail	head and shank fragment
11044	10454	Iron	1			nail	complete
11044	10457	Iron	1	RO		hobnail	complete
11044	10458	Iron	1			nail	head and shank fragment
11044	10459	Iron	1			nail	shank fragment
11044	10465	Iron	1			object	or bracket
11044	10466	Iron	1			nail	head and shank fragment
11044	10467	Iron	1			nail	shank fragment
11044	10468	Iron	1			nail	shank fragment
11044	10469	Iron	1			nail	complete
11044	10470	Iron	1			nail	shank fragment
11044	10471	Iron	1	RO		hobnail	complete
11044	10472	Iron	1			fragment	
11044	10473	Iron	1			nail	head and shank fragment
11044	10474	Iron	1	RO		brooch	penannular; half in 3 frags
11044	10475	Iron	1			nail	tip missing
11044	10476	Iron	1			wall hook ?	or large nail shank
11044	10477	Iron	1			nail	shank fragment
11044	10478	Iron	1			nail	shank fragment
11044	10479	Iron	1			nail	head and shank fragment
11044	10480	Iron	1			nail	head
11044	10481	Iron	1			nail	shank fragment
11044	10482	Iron	1			nail	shank fragment
11044	10483	Iron	1			nail	complete
11044	10484	Iron	1			nail	head and shank fragment
11044	10485	Iron	1			nail	shank fragment
11044	10486	Iron	1			nail	shank fragment
11044	10489	Iron	1			nail	head and shank fragment
11044	10490	Iron	1			nail	head and shank fragment
11044	10493	Iron	1			nail	shank fragment
11044	10494	Iron	1			nail	complete
11044	10495	Iron	1			nail	head and shank fragment
11044	10496	Iron	1			nail	complete
11044	10497	Iron	1			fragment	
11044	10533	Iron	1			spike	complete
11044	10551	Iron	1	RO		hobnail	complete
11044	10552	Iron	1			nail	shank fragment
11044	10553	Iron	1			nail	complete
11044	10554	Iron	1			fragment	
11044	10555	Iron	1			nail	shank fragment
11044	10556	Cu	1			rod	square-sectioned
11044	10557	Iron	1			nail	head and shank fragment
11044	10558	Iron	1	RO		drill bit	complete
11044	10559	Iron	1			nail	shank fragment

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
11044	10560	Iron	1			nail	tip missing
11044	10561	Iron	1			nail	tip missing
11044	10562	Iron	1			nail	head and shank fragment
11044	10564	Iron	1			nail	shank fragment
11044	10565	Iron	1			nail	head and shank fragment
11044	10566	Iron	1	RO		lock bolt ?	tip missing
11044	10567	Iron	1	RO		punch ?	terminal
11044	10568	Iron	1			object	ovoid or nail head
11044	10571	Iron	1			nail	shank fragment
11044	10572	Iron	1			nail	shank fragment
11044	10573	Iron	1			socket	fragment, open ?
11044	10575	Iron	1			fragment	
11044	s10016	Iron	1			nail	fragmented shanks
11044	s10022	Iron	2	RO		hobnail	complete
11045	10461	Iron	1			nail	head and shank fragment
11045	10462	Iron	1			nail	head and shank fragment
11058	10570	Iron	1			nail	tip missing
11061	10448	Iron	1			nail	shank fragment
11061		Iron	1			nail	shank fragment
11063	10491	Iron	1			nail	shank fragment
11063	10492	Iron	1			nail	head and shank fragment
11063	10518	Iron	1			nail	shank fragment
11082	10569	Iron	1			nail	tip missing
11083	10576	Iron	1			nail	head and shank fragment
11083	10577	Iron	1			nail	shank fragment
11083	10578	Iron	1			nail	shank fragment
11083	10579	Iron	1			nail	head and shank fragment
11083	10580	Iron	1	RO		hobnail	complete
11083	10581	Iron	1			nail	shank fragment
11083	10582	Iron	1			nail	shank fragment
11083	10583	Iron	1			nail	shank fragment
11083	10584					concretion	
11083		Iron	1			nail	shank fragment
11093	10585	Iron	1			nail	shank fragment
11107	10524	Iron	1			nail	shank fragment
11107	10525	Iron	1			nail	head and shank fragment
11107	10528	Iron	1			nail	complete
11107	10529	Iron	1			nail	shank fragment
11107	10586	Iron	1			nail	shank fragment
11107	10587	Iron	1			nail	head and shank fragment
11107	10588	Iron	1			nail	head and shank fragment
11107	10590	Iron	1			nail	shank fragment
11107	10591	Iron	1			nail	shank fragment
11107	10592	Iron	1			nail	head and shank fragment
11107	10593	Iron	1			nail	head and shank

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
							fragment
11107	10595	Iron	1			nail	shank fragment
11127	10527	Iron	1			nail	shank fragment
11130	10464	Cu	1	RO		olivary probe	in 2 frags
11130	10530	Iron	1			nail	shank fragment
11143	10534	Iron	1			nail	head and shank fragment
11143	10535	Iron	1			nail	shank fragment
11143	10536	Iron	1			nail	head and shank fragment
11143	10537	Iron	1			strip	perforated fragmented
11143	10538	Iron	1			nail	shank fragment
11143	10539	Iron	1	RO		hobnail	complete
11143	10541	Iron	1	RO		hobnail	complete
11143	10542	Iron	1			nail	shank fragment
11155		Iron	1			nail	shank fragment
11163	10543	Iron	1			nail	shank fragment
11163	10547	Iron	1			nail	shank fragment
11165	10540	Iron	1			nail (?)	shank fragment
11171	10544	Iron	1			nail (?)	
11171	10545	Iron	1			nail (?)	
11171	10546	Iron	1			nail	shank fragment
11195	s10047	Iron	1			nail	shank fragment
11195		Iron	1			nail	shank fragment
11199	10548	Iron					
11224		Iron	1			nail	shank fragment
11235	10549	Cu	1	RO	Mid C1- Early C3	finger ring	henig iii with nicolo intaglio ? parrot & grapes
11235	s10060	Iron	1			nail	head & shank fragments 2
11235		Iron	1			nail	shank fragment
11251	s10065	Iron	1			nail	head and shank fragment
11254		Iron	1			chain mesh	or concretion
11301	10729	Iron	1			nail	complete
11301	10734	Iron	1			nail	head and shank fragment
11301	10735	Iron	1			nail	shank fragment
11301	10743	Iron	1			nail	shank fragment
11301	10744	Iron	1			nail	head and shank fragment
11301	10745	Iron	1			nail	shank fragment
11301	10746	Iron	1			nail	tip missing
11301	10747	Iron	1			nail	tip missing
11301	10748	Iron	1			nail	shank fragment
11326	10740	Iron	1			nail	head and shank fragment
11326	10741	Iron	1			nail	shank fragment
11326	10742	Iron	1			nail	shank fragment
11331	10751	Iron	1			blade ?	tapering
11331		Iron	1			nail	shank fragment
11337	10402	Lead	1			plug	oval
11337	10754	Iron	1	RO		lynch pin	manning 2a
11343	10766	Cu	1	RO		stud	large disc head, no pin

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
11347		Iron	1			nail	head and shank fragment
11349		Iron	1			nail	complete
11351		Iron	1			nail	complete
11353		Iron	1			nail	tip missing + shank fragments
11373	10387	Cu	1			ring	complete
11375	10398	Lead	1			sheet	fragment
11375	10399	Lead	1			sheet	folded fragment
11375	10400	Lead	1			plug	oval
11377	10396	Iron	1			nail	tip missing
11379	10380	Cu	1	RO		figurine	human foot set at an angle
11386		Iron	1			nail	head and shank fragment
11389		Iron	1			nail	head and shank fragment
11392	10772	Cu	1	RO	Mid C1-Late C1	brooch	aucissa, lacking foot
11392	10796	Cu	1	RO		stud	? composite with lead alloy
11392		Iron	2			nail	tip missing
11393		Iron	1			nail	shank fragment
11394	10765	Cu	1	RO		toilet spatula ?	sheet, ends missing
11394		Iron	2			nail	tip missing + shank fragments
11395		Iron	1			nail	shank fragment
11396	10767	Cu	1	RO	C1	brooch	langton down, lower part missing
11397	10764	Cu	1	RO	C2	finger ring	circular bezel with ring & dot
11397		Iron	1			nail	shank fragment
11418		Iron	1			nail	shank fragment
11453	10389	Cu	1			pendant	circular with pointed projection
11455		Iron	1			nail	shank fragment
11472		Iron	1			strip	prob not blade
11507	10788	Cu	1	RO		mirror	2 frags from square
11507	10849	Cu	1			ring	complete
11510		Iron	1			nail	shank fragment
11526		Iron	1			nail	tip missing
11578	10820	Lead	1			run-off	
11578		Iron	2			nail	multiple, heads and shanks (7)
11586		Iron	1			holdfast	complete
11586		Iron	1			nail	shank fragment
11591		Iron	3			nail	head and shank fragment
11616	10829	Iron	1			fragment	
11625		Iron	1			nail	head and shank fragment
11641	10837	Cu	1			strip	binding / folded
11641		Iron	1			nail	multiple, heads and shanks (9)
11641		Iron	1			bar	tapering to point
11646		Iron	1			bar	tapering to both ends
11646		Iron	3			nail	multiple, heads and shanks (7)

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
11682		Iron	1			nail	multiple, heads and shanks (2)
11685		Iron	3			nail	multiple, heads and shanks (5)
11690	10850	Iron	1	RO		clasp knife	complete with bone handle plates
11710		Iron	1			nail	complete
11722	10865	Cu	1	RO		furniture fitting	? junction from folding stool etc
11722		Iron	1	RO		drill bit ?	head
11738		Iron	1			chain loop	oval, part missing
11738		Iron	1	MO		barbed wire	junction
11738		Iron	1			wire	7 fragments
11750		Iron	1			nail	complete
11770		Iron	1			nail	shank fragment
11792	10857	Cu	1	RO	Mid C1-C2	brooch	colchester derivative
11832	s10282	Iron	1	RO		hobnail	complete
11846	10870	Cu	1	RO	C1	brooch	langton down, lower part missing
11892	10888	Iron	1	MD	C12-C14?	horseshoe	arm fragment, wavy outline
11997	10920	Iron	1			nail	shank fragment
11997	10921	Iron	1			nail	shank fragment
11997	10922	Iron	1			nail	shank fragment
11997	10923	Iron	1			nail	complete
11997	10924	Iron	1			nail	complete
11997	10925	Iron	1			nail	shank fragment
12013	10913	Iron	1			fragment	
12013	s10291	Iron	1			nail	shank fragment
12084	10929	Iron	1	MD; MO		horseshoe	arm fragment
12099		Iron	1			nail	multiple shank fragment (3)
12101	10934	Cu	1	RO	C2?	hair pin	cool group 24
12101		Iron	26			nail	multiple, heads and shanks (44)
12109		Iron	2			nail	complete
12203	10937	Cu	1			strip	sheet frag
12203	10968	Iron	1			sheet	fragment
12203		Iron	11			nail	multiple, heads and shanks (27)
12243		Iron	1	RO		hobnail	complete
12270	10965	Cu	1			binding	
12279	10966	Cu	1	RO	C1	brooch	nauheim, strip
12279	10967	Cu	1	RO		stud	domed head, fe shank
12279	10975	Iron	1			object	? composite layers
12279		Iron	1			bar	rectangular
12279		Iron	10			nail	multiple, heads and shanks (33)
12358		Iron	1			nail	complete
12361	10981	Cu	1	RO	Mid C1-Late C1	brooch	hod hill fragment
12361	10982	Cu	1			sheet	fragment
12361		Iron	3			nail	multiple, heads and shanks (16)
12361		Iron	4			nail	multiple, heads and shanks (13)

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
12363		Iron	4			nail	multiple, heads and shanks (16)
12363		Iron	1			sheet	fragment
12363		Iron	2	RO		hobnail	complete
12368	11029	Cu	1		Mid C1 - Early C2	brooch	colchester derivative, frag
12369		Iron	2			nail	head and shank fragment
12434		Iron	4			nail	multiple, heads and shanks (6)
12444	s10415	Iron	1			nail	shank fragment
12535		Iron	1			nail	complete
15001	10890	Cu	1			binding ?	much obscured (3)
15001	10974	Iron	1	RO		spade shoe	round mouthed, one arm
15001	10983	Iron	1			blade ?	fragment
15001	10993	Iron	1			nail	shank fragment
15001	10994	Iron	1			nail	head and shank fragment
15001	10995	Iron	1			nail	shank fragment
15001	s10288	Iron	6			nail	complete
15001	s10288	Cu	1			ring	in 3 fragments
15001	s10288	Cu	1			strip	4 fragments
15001	s10288	Cu	1			fragment	3 small
15001		Iron	1			object	large ovoid lump, no obvious structure
15001		Iron	1			nail	multiple, heads and shanks (13)
15002	10804	Cu	1	RO	C1-C2	seal box	lid, circular domed
15003	10805	Lead	1			sheet	off-cut
15004	10806	Lead	1			run-off	
15006	10808	Lead	1			run-off	
15007	10809	Cu	1	RO		handle	drop
15008		Iron	1			nail	shank fragment
15018	s10098	Cu	1			pin/needle	point of shaft
15018		Iron	2			nail	multiple, heads and shanks (5)
15021		Iron	1			nail	tip missing
15022		Iron	1			nail	shank fragment
15028	10873	Cu	1			double-spiked loop	1 leg broken
15037	10847	Cu	1	RO		stud	large domed head
15037	s10104	Iron	1			nail	shank fragment
15037	s10104	Cu	1	RO		hair pin ?	cool 1 ?
15050	s10162	Iron	2			nail	multiple, heads and shanks (3)
15054	10827	Cu	1			bar	fragment
15054	s10160	Iron	1	RO		hobnail	complete
15054	s10160	Cu	1			fragment	
15058	s10356	Iron	1			nail	multiple, heads and shanks (5)
15063		Iron	1			nail	complete
15064	s10178	Iron	1			nail	multiple, heads and shanks (3)
15064		Iron	1			nail	multiple, heads and shanks (5)
15073		Iron	2			nail	tip missing

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
15075		Iron	1			nail	tip missing
15076		Iron	1			nail	shank fragment
15077		Iron	1			nail	shank fragment
15081	s10270	Iron	3			nail	complete & tip missing
15081		Iron	1			nail	multiple, heads and shanks (2)
15081		Iron	1			punch ?	square-sectioned tapering to point
15092		Iron	1			nail	shank fragment
15097		Iron	1			nail	complete
15098	10831	Cu	1			fragment	globule
15102		Iron	1			nail	shank fragment
15106		Iron	1			nail	head and shank fragment
15108	10851	Iron	1			strip	perforated
15133		Iron	1			fragment	
15148	s10287	Iron	1			nail	shank fragment
15148	s10287	Cu	1	RO		toilet spoon	ring terminal broken
15148		Iron	1			nail	complete
15178	s10289					stone & concretion	discard
15183		Iron	1			nail	shank fragment
15186	s10364	Cu	1			ring	half extant
15188		Iron	1			nail	shank fragment
15190		Iron	1			nail	tip missing
15201		Iron	1			nail	shank fragment
15202	10916	Cu	1			strip	ovoid section, cast = 10916
15204	10917	Lead	1			sheet	fragment
15206	10926	Cu	1			ring	segment
15206	10927	Cu	1			sheet	perforated? heavily corroded
15206	10927	Cu	1			sheet	crumpled, folded fragment
15206		Iron	1			nail	shank fragment
15207		Iron	1			nail	shank fragment
15214	s10415	Iron	1			nail	complete
15242		Iron	1			nail	complete
15243		Iron	1			nail	shank fragment
15249		Iron	2			nail	complete
15257		Iron	1			nail	shank fragment
15263	10987	Iron	1			blade ?	tip
15263	10988	Iron	1			ferrule	complete
15263	10989	Iron	1			ring	complete
15263	10990	Cu	1			sheet	perforated? heavily corroded
15263	10999	Iron	1	RO		slide key	manning type 1 - complete
15263	s10366	Iron	1			nail	multiple, heads and shanks (8)
15263	s10366	Iron	1	RO		hobnail	
15263		Iron	1			nail	complete
15263		Iron	6			nail	multiple, heads and shanks (14)
15263		Iron	4			nail	multiple, heads and

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
							shanks (14)
15265	s10361	Cu	1			clip	folded sheet
15269	11002	Iron	1			ferrule	complete
15269		Iron	4			nail	multiple, heads and shanks (6)
15272		Iron	1			bolt	conical head /
15273	11003	Iron	1			knife	tang and part blade
15273		Iron	1			nail	shank fragment
15283		Iron	1			nail	shank fragment
15300	110301	Cu	1			strip	ovoid section, cast = 110301
15307	s10420	Iron	1			nail	complete
15319		Iron	1			nail	tip missing
15329	s10435	Iron	1			nail	shank fragment
15332						concretion	
15339		Iron	1			nail	shank fragment
15353	11033	Cu	1	RO		stud	decorated & white metal head
15386		Iron	1			nail	complete
15395	s10459	Iron	1			nail	complete (also fragment)
15400	s10464	Iron	1			nail	shank fragment
20001	10710	Iron	1			nail	tip missing
20001	10711	Iron	1			nail	head and shank fragment
20001	10712	Iron	1			nail	complete
20001	s10050	Iron	1			nail	shank fragment
20001	s10050	Iron	2			nail	multiple, heads and shanks (10)
20002	10716	Iron	1			nail	tip missing
20002	10718	Iron	1			nail	complete
20002	10719	Iron	1			nail	head and shank fragment
20002	10720	Iron	1			nail	tip missing
20002	10722	Iron	1			nail	head and shank fragment
20002	10724	Iron	1			nail	head and shank fragment
20002	10725	Iron	1			nail	shank fragment
20002	10726	Iron	1			nail	shank fragment
20002	10727	Iron	1	RO		chisel	complete
20002	10732	Iron	1			nail	tip missing
20002	10733	Iron	1			nail	shank fragment
20002	10737	Iron	1			nail	head and shank fragment
20002	10738	Iron	1			nail	complete
20037	10757	Iron	1	RO		loop hinge	complete
20037	10758	Iron	1			implement	ring handle and curving blade
20037	10761	Iron	1	RO		chisel	complete
20044	10770	Iron	1			nail	complete
20048	10969	Iron	1			nail	head and shank fragment
20048	10970	Cu	1	RO	C1-C2	hair pin	cool 5d
20048	s10355	Iron	1			nail	? head
20057	10771	Cu	1	RO	Mid C1 -	brooch	colchester derivative

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
					Early C2		
20058	10774	Iron	1			strip	with edge
20058	10775	Iron	1			nail	head and shank fragment
20058	10776	Iron	1			buckle	rectangular, complete
20058	10777	Iron	1			nail	shank fragment
20058	10778	Iron	1			nail	shank fragment
20058	10779	Iron	1			decorative plate	curved edge and perforation
20058	10780	Iron	1	RO		hobnail	complete
20058	10781	Iron	1			nail	shank fragment
20058	10782	Iron	1			nail	tip missing
20058	10783	Iron	1			nail	complete
20058	10784	Iron	1			nail	shank fragment
20058	10786	Iron	1	RO		implement	? part of modelling tool
20058	10790	Iron	1			nail	head and shank fragment
20058	10791	Iron	1			nail	head and shank fragment
20058	10792	Iron	1			nail	shank fragment
20058	10793	Iron	1			nail	shank fragment
20058	10794	Iron	1			nail	complete
20058	10795	Iron	1			nail	head and shank fragment
20058	10798	Iron	1			rake?	l-shaped tool with broken handle ?
20058	10799	Iron	1			nail	head and shank fragment
20058	10801	Iron	1			key	t-lift ?, check ends
20058	10802	Iron	1			gouge or socket	2 fragments, incomplete
20058	10810	Iron	1			nail	complete
20058	10811	Iron	1			slag	
20058	10812	Iron	1			nail	complete, large; twisted
20058	10813	Iron	1			nail	tip missing
20058	10815	Iron	1			fragment	
20058	10816	Iron	1			nail	shank fragment
20058	10834	Iron	1			nail	shank fragment
20058	10835	Iron	1			nail	shank fragment
20058	10838	Iron	1			implement	l angle, both ends broken
20058	10839	Iron	1			nail	shank fragment
20058	S10093	Iron	1	RO		hobnail	complete
20058	s10093	Iron	1			nail	shank fragment
20058		Iron	1			nail	shank fragment
20064	10785	Iron	1			nail	tip missing
20065	10310	Cu	1			fitting	bar with ring
20065	10311	Iron	1			nail	shank fragment
20065	10624	Iron	1			nail	tip missing
20067	s10341	Iron	1	RO		hobnail	complete
20067		Cu	1			sheet	
20067		Cu	1			fragment	
20074	10817	Iron	1			nail	tip missing
20074	10818	Iron	1			strip	possibly blade

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
20074	10819	Iron	1			double-spiked loop ?	loop only
20074	10840	Iron	1			angle bracket	complete with perforated terminals
20074	10841	Iron	1			double-spiked loop	complete retaining ring
20074	10842	Iron	1			nail	tip missing
20074	10843	Iron	1			sheet	fragment
20074	10907	Iron	1			nail	head and shank fragment
20074	10908	Cu	1			casting waste ?	
20074	10909	Iron	1			nail	shank fragment
20074	10910	Iron	1			bar	square-sectioned
20074	10911	Cu	1			rod	slender, shaft ?
20074	10912	Cu	1			fragment	
20077	10845	Cu	1			stud	large conical head
20077	10846	Iron	1			nail	complete
20087	10891	Iron	1	RO		hobnail	possibly 3 corroded together
20087	10892	Iron	1			nail	head and shank fragment
20087	10900	Iron	1			nail	shank fragment
20087	10903	Iron	1			nail	shank fragment
20087	10905	Iron	1			nail	head and shank fragment
20087	10906	Iron	1			nail	head and shank fragment
20089	10830	Iron	1			implement	l-shaped tool with broken handle ?
20089	10833	Iron	1			plate	fragment
20096	s10271	Iron	1			nail	head
20098	10854	Iron	1			nail	tip missing
20101	10760	Iron	1			nail	complete
20103	s10272	Iron	1			wire	
20105	10860	Iron	1			nail	complete
20105	s10275	Iron	1			nail	shank fragment
20109	10869	Iron	1			nail	head and shank fragment
20111	10874	Cu	1			fragment	-2
20112	10862	Cu	1	RO	Early C1-Mid C1	brooch	colchester?, needs cleaning to check
20112	10866	Cu	1			ring	complete
20119	10953	Cu	1			ring	small segment
20126	10930	Cu	1			fragment	
20131	10858	Iron	1			nail	tip missing
20131	10859	Iron	1			nail	shank fragment
20136	10902	Cu	1			casting waste ?	fragment with charcoal
20137		Iron	3			nail	multiple, heads and shanks (8)
20145	10861	Cu	1			sheet	3 small fragments
20155	10868	Iron	1			plate	fragment
20169	10875	Iron	1			nail	head and shank fragment
20169	10876	Iron	1			nail	head and shank fragment
20169	10877	Iron	1			nail	head and shank fragment

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20169	10878	Cu	1	RO	Late C1-C2	hair pin	cool 10a
20169	s10381	Iron	2			nail	multiple head and shank (5)
20172		Iron	1			nail	shank fragment
20174	10879	Cu	1	RO	C1	vessel	bowl handle; central part
20174	10880	Iron	1			nail	shank fragment
20174	10881	Iron	1			nail	head and shank fragment
20174	10882	Iron	1			nail	head and shank fragment
20174	10883					concretion	
20174	10884	Iron	1			nail	head and shank fragment
20174	10885	Iron	1			nail	shank fragment
20174	10893	Cu	1	RO		stud	small knob head
20174	10898	Cu	1	RO		toilet spoon	both ends broken
20174	11004	Cu	1			strip	perforated, 3 frags
20174	11006	Iron	1			knife	blade & tang
20174	s10285	Iron	1			nail	shank fragment
20174		Iron	3			nail	multiple head and shank (7)
20175	10889	Iron	1	RO		drill bit ?	head and shank fragment
20175	11008	Iron	1			nail	complete
20175	11009	Cu	1			sheet	fragment
20178		Iron	3			nail	multiple, heads and shanks (6)
20182	s10894	Iron	1	RO		hobnail	complete
20189	10904	Cu	1			studded sheet	fragment of perforated sheet and small stud
20227	10938	Iron	1			nail	head and shank fragment
20233	10932	Iron	1			nail	head and shank fragment
20233	10939	Iron	1			nail	tip missing
20233	10941	Iron	1			nail	shank fragment
20237	10933	Iron	1			nail	head and shank fragment
20237	10942	Cu	1			stud	domed, flanged head
20237	10943	Iron	1			nail	shank fragment
20237	10944	Iron	1			nail	shank fragment
20237	10945	Iron	1			nail	complete
20237	10946	Iron	1			nail	head and shank fragment
20237	10947	Iron	1			nail	head and shank fragment
20237	10948	Iron	1			nail	complete
20237	10949	Iron	1			nail	shank fragment
20237	10950	Iron	1			nail	shank fragment
20237	10952	Iron	1			nail	head and shank fragment
20240	10951	Cu	1			fragment	heavily corroded and blistered
20242	10955	Cu	1			sheet	fragment
20341	10978	Iron	1			nail	head and shank fragment
20353	10985	Cu	1			casting waste?	2 frags

Context	Sf No	Material	Count	Period	Date Range	Simple Name	Description
20444	11027	Lead	1			counter	sheet, circular
20480	11037	Cu	1			stud?	disc head with mouldings?
U/S	10007	Iron	1			nail	complete
U/S	10386	Cu	1	RO	Late C1-C2	brooch	plate, frag, oval raised enamelled cell
U/S		Iron	1			drop handle?	broken ring terminal & curve