

1.1 Assessment of the Ceramic Building Materials

by Susan Pringle

Introduction

- 1.1.1 A substantial quantity of ceramic building material was recovered during excavation works at Thurnham Villa.
- 1.1.2 The majority of the material was hand retrieved on site, with a small quantity recovered during sieving of samples. All the material selected for assessment was hand retrieved.
- 1.1.3 The recovery and study of ceramic building material 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 aid the establishment of a dated occupation sequence for all phases of the villa's development. It was also designed to elucidate the status, economic orientation and patterns of contact and trade of the settlement, and the function of features and structures.

Methodology

- 1.1.4 Approximately two-thirds of the material was scanned for the assessment. The aim was to include material from contexts with a wide chronological and spatial range, and particularly from those which were well stratified and of possible significance for the dating and development of the site. To this end, the largest deposits were randomly sampled by the selection of a proportion of the relevant boxes, usually between 25% and 50%, by members of the OAU staff. Table 1.9 sets out the areas and contexts represented in the scan.
- 1.1.5 Ceramic building material was divided by form, and fragments counted and weighed. Table 1.10 sets out the counts and weights for each securely identified tile type seen in the assessment. The presence of distinctive fabric types has been noted, but no analytical work has been carried out on the fabrics, as this task is more appropriately carried out at the next stage. Other information recorded includes the presence of combing, tally or signature marks, the presence or absence of glaze, and any complete dimensions.

Quantifications

- 1.1.6 The total weight of ceramic building material scanned for the assessment is 489.771kg; also present was 1.006g of fired clay. All the assessed material is listed on Table 1.11. An additional 472.025kg of building materials were also found on the site. These are listed by box number, context and weight on Table 1.12, but were not scanned for the assessment report.

Roman building material

Fabrics

- 1.1.7 Detailed fabric work has not been carried out on the material; however, two major fabric groups and a number of minor fabric types were noted (fabric numbers are temporary):
Group 1: White, cream, yellow or pale orange in colour, with inclusions of medium rose or clear quartz sand, with occasional red or white clay pellets or streaks. This strongly resembles the tiles from the kilns at the Eccles Roman villa (Canterbury fabric no.8). Roof

tile and brick were noted in this fabric. Date range in Kent *c* AD 50-60/1 to the early 2nd century.

Group 2: Orange in colour, with a fine, powdery texture, and fairly fine moulding sand. Source not known. Roof tile and brick were noted in this fabric.

Group 3: Dark orange/red, with coarse to very coarse inclusions of quartz, rock fragments, iron-rich clay and calcium carbonate. Roof tile, brick, flue tile and voussoirs were present in this fabric.

Group 4: Light orange with cream silty streaks, sparse quartz and red iron-rich inclusions.

Group 5: Well-fired red fabrics with varying quantities of dark red or purple iron-rich inclusions and quartz.

Group 6: Fine red fabric with few inclusions and medium-sized moulding sand (close to London fabric 2452).

Others: Small amounts of several other fabrics or fabric groups were also present:

- 1.1.8 The Eccles-type fabric, group 1 above, seems to be associated with the early phases of construction on the site, particularly the proto-villa and the temple; it also appeared in the aisled building, although this may be re-use. It continued to be used or re-used for construction throughout the period of Roman occupation.
- 1.1.9 The orange fabric, group 2 above, seems to have been in use somewhat later and is associated with the stone villa in phases 4 and 5, and with the 14-post building and the corn-drier. It appears to have been the principal type in use during the mid 2nd and 3rd centuries.
- 1.1.10 The other fabrics tend to appear in the 2nd century on, although as they were probably re-used, they may already have been present elsewhere on the site in the 1st century. Small amounts of red and orange tile were noted in some early contexts.

Tile types

- 1.1.11 The roof tile (tegulae and imbrices) accounted for approximately 96% by count and 93% by weight of the assessed assemblage; bricks accounted for approximately 2% by count and 5% by weight, and cavity walling (box flues and voussoirs) for approximately 1% by count and 2% by weight. A small number of possible ceramic tesserae accounted for less than 1% of the count and weight, although their frequency has probably been underestimated, as they are not easily differentiated from other small fragments of tile.
- 1.1.12 Roof tile (tegulae and imbrices) occurs from all areas and phases of the site. Complete or almost complete tiles were noted in both the Eccles type (1) and the orange (2) fabrics. Although their primary purpose is for roofing, tegulae can be de-flanged and re-used in place of bricks, and for paving, and there is evidence that this was taking place.
- 1.1.13 Bricks occur in temporary fabric numbers 1, 2 and 3. They were present in all phases, and from the areas of the main villa house, the aisled building and the 14-post structure. Fabric 1, the Eccles type, is mainly concentrated in the area of the aisled building, although it is also found in the proto-villa. The brick from the main villa house is mainly in fabrics 2 or 3, with fabric 2 also being associated with the corn-drier. Bricks were usually made for use in hypocausts or as wall bonding material, but they were also used decoratively in facades.
- 1.1.14 Box flue tiles and hollow voussoirs were noted from the areas of the main villa house and the 14-post structure in phase 5. It is likely that they were re-used in the corn-drier and possibly in association with metalworking in the final phase of the villa. Almost all are in fabric 3, with combed faces. Two fragments were noted with unusual angled cuts in a plain face, perhaps part of a butterfly-shaped vent. They are a distinctive type, and parallels should be immediately obvious. As almost all the

flue tiles and voussoirs seem to be in fabric 3, it is likely that they all come from the same source, and may have been re-used from the bath-house. Alternatively, they could have been brought in from another site for re-use.

- 1.1.15 Possible tesserae were noted in several contexts, some of which were in the area of the 14-post structure. Most were made from tile in the light yellow fabric 1, with a few in orange fabric 2. They would have formed light-coloured tessellated floors.

Post-Roman building material

- 1.1.16 Post-Roman roof tile (peg and curved tiles) accounts for approximately 1% of the assemblage by count and under 1% by weight. Post-medieval brick is equally scarce, accounting for less than 1% by count and weight.

Peg or plain tile

- 1.1.17 Several fragments were noted, of which the most common was a clean red fabric with fine moulding sand. Whitish and pink tiles made from marly clays were also noted. Sources are not known. No complete tiles, or complete dimensions, were noted.

- 1.1.18 Most of the tile came from the area of the 14-post structure, and there was also a scrap from the temple. Peg tile, presumably intrusive, was noted in two contexts which are in Roman phases, 10647 (internal surface of the temple) and 11107 (fill of ditch 11090).

- 1.1.19 All the peg tile scanned for the assessment is unglazed, and nail holes where present are angular, either square or diamond-shaped, which suggests that the material is late- or post-medieval. Precise dating of this type of tile is difficult, but it is likely to be post-1500.

Brick

- 1.1.20 Three fragments of brick were recorded, from contexts 11000, 11737 and 11774. All are in a red sandy fabric. One fragment, from context 11737, is shaped, but is too small to provide much information. The brick assemblage is consistent with early post-medieval occupation in the vicinity, perhaps from the second half of the 15th century to the late 17th or early 18th century.

Provenance

- 1.1.21 The provenance of the material is excellent, with large deposits having come from well-sealed contexts which provide good phasing and dating evidence.

- 1.1.22 The condition of the material is on the whole good, with many large fragments which may allow the recording of complete dimensions - useful for establishing a tile typology for the site. However some of the fabrics are poorly fired, and damage caused by washing with too hard a brush can be seen on many of the tiles. This has resulted in the surfaces having been abraded with a resultant loss of the details which can provide evidence for the use and re-use of the material.

Conservation

- 1.1.23 There are no special requirements for long term storage, other than the use of robust packaging materials and a dry environment.

- 1.1.24 At this stage all the material should be retained until final decisions are taken about the scope of further research. In the future, if the tile is fully recorded and quantified by fabric and form, the majority can be discarded. The following should be retained: samples of all the fabrics; tiles in rare fabrics; complete tiles; tiles with distinctive

markings, such as combing, tally marks, signature marks or stamps; tiles of unusual shape or form, including those with nail holes; tiles which have been re-used as artefacts. The quantity that would be retained according to these criteria is likely to be equivalent to between 10% and 20% of the assemblage.

Comparative material

- 1.1.25 An important source of comparative material are the excavations of the Roman villa at Eccles for which fourteen interim reports have been published. Kilns at the villa, which is situated just over 8km north-west of Thurnham, and is thought to date from *c* AD 55-65 (Detsicas 1974, 121-3), are the likely source of the tile used in the proto-villa and temple at Thurnham. For the later phases, the material from The Mount Villa at Maidstone may be useful for comparative material (Harrison 1999).
- 1.1.26 Other CTRL sites of this period have generally produced rather small quantities of ceramic building material, very little of which is thought to relate to *in situ* activity. In general, its value for comparative analysis with the Thurnham assemblage will be very limited. Roman ceramic building material from South of Snarkhurst Wood is a comparable, albeit very small, assemblage.
- 1.1.27 It should be emphasized that further work is needed to define a fabric type series and a tile typology before comparative work can be carried out. This will enable comparisons to be made with the Canterbury Archaeological Trust's tile fabric type series. This could provide information on the date ranges of the fabrics from Thurnham, and other sites where similar tiles have been found. Some of these fabric types occur in London, which suggests that they may be travelling some distance.

Potential for further work

CTRL Landscape Zone Priorities and Fieldwork Event Aims

- 1.1.28 The following section discusses potential for further work in the light of the Landscape Zone Priorities and Fieldwork Event Aims.
- 1.1.29 The Landscape Zone Priorities and Fieldwork Event Aims prioritised the recovery of evidence for the transition between the Iron Age and Romano-British periods. If the tile used in phase 3 at Thurnham for the construction of the proto-villa and the temple can be shown to have come from the kilns at the Eccles villa, this would suggest a relationship between the Thurnham structures and the Eccles estate, which could help to elucidate the developments at Thurnham during the 1st century AD. The villa at Eccles may have had an important role in controlling the quarrying and export of building materials, particularly Kentish ragstone, to London at this time.
- 1.1.30 The Fieldwork Event Aims suggested that evidence should be sought for the reasons why the site developed into a stone villa. It appears from the assessment that the tile used in the rebuilding of the villa was from a different source than that used in the earlier phase. As occupation at Eccles is thought to have been continuous, this change in the tile supply suggests that there may have been a change in the ownership of the site, perhaps reflecting a change in the economic or political situation in the area. Further work on the tile from the stone villa may cast light on this possible change by identifying the source of the new material.
- 1.1.31 Further study of the tile can throw light on the probable appearance, and thus the status, of the structures on the site.
- 1.1.32 The tile fabrics provide evidence for the sources of the building materials. The tile can thus also be used to illuminate the status, economic orientation and patterns of contact and trade of the settlement.

- 1.1.33 Study of the tile will also elucidate the interaction with, and influence of, the villa with its hinterland and other rural settlements. In addition to the supply of tile from the two main sources, smaller amounts of material from other sources are also present. Analysis of the material may suggest links with other local settlements.

Bibliography

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1.2 Assessment of the Fired Clay

by Susan Pringle

Introduction

- 1.2.1 A relatively small quantity of fired clay material, 706 fragments, weighing 5.089kg, was recovered during the recent excavation works at Thurnham Villa, Honeyhills Wood and Hockers Lane.
- 1.2.2 The majority of the material was hand retrieved on site. Smaller quantities were recovered from sieving of samples. In addition to the fired clay identified on site and in sieving, further fired clay was also identified during the pottery, ceramic building material and plaster/mortar assessments. The present author has integrated into this assessment all the fired clay that she identified during her scans of the ceramic building material and plaster/mortar. A small quantity of fired clay noted by Malcolm Lyne during the pottery assessment has been added to this assessment report by the Project Manager.
- 1.2.3 The recovery and study of the fired clay 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 principally to aid the analysis of the status and function of features and structures and the presence of functional zones.

Methodology

- 1.2.4 Since only a relatively small quantity of material was recovered from the three sites, it was all examined for this assessment. There is, however, likely to be more fired clay amongst the ceramic building materials that were not assessed (approximately one-third of the material, by box).
- 1.2.5 The fragments have been counted and weighed, and notes made of the most distinctive fabrics and any unusual inclusions. Exceptionally reduced (blackened) or vitrified material has been noted. The presence of original surfaces, imprints and tempering has been noted. No analytical work has been carried out on the fabrics. The data were entered on an Excel database. All the material has been retained.

Quantification

Thurnham Roman Villa

- 1.2.6 The total weight of fired clay material scanned for the assessment is 4.591kg, which includes 1.006kg recorded in the scan of the ceramic building material and 244g from the plaster/mortar. Table 1.13 shows the contexts and quantities of fired clay building materials.
- 1.2.7 The clay fabrics present fall into two broad groups: a whitish marly clay with a high calcareous content, and a fine brown silty clay. The latter generally has few inclusions apart from fine gold mica and a little coarse sand, although a sub-group with less mica, more coarse sand and occasional flint flakes was also present.

Material of interest

- 1.2.8 *Keyed clay walling.* This is a fine micaceous clay or daub with fine gold mica, with flat surfaces, combed probably to provide keying for wall plaster; it comes from contexts 15283 and 15294, which are fills of a feature of uncertain function (15282) in the area of the aisled building. The teeth of the comb are approximately 8mm

wide. The fragments are too small to determine if any pattern was used. The material was reduced, which would be consistent with its having been buried following the collapse of the building in a fire.

- 1.2.9 *Vitrified daub.* Three small fragments of daub with surface vitrification occurred in context 10857, and two fragments in 10994. This is likely to be the result of intense heating in oxydising conditions, and they are probably from hearths, possibly those where some industrial process was taking place. Both contexts are located outside the north wall of the main villa house.
- 1.2.10 *Wattle or timber impressions.* Wattle or timber impressions were noted as follows: flat timber from context 10796 (fill of ditch 10873) and wattles or posts from contexts 15395 (occupation spread in the aisled building) and 15397 (fill of a foundation cut for the aisled building).
- 1.2.11 *Very reduced material.* Material which has been burnt black, probably from being fired in anaerobic conditions, was present in the following contexts: 11219, 11486, 11574, 12047, 12270, 15283 and 15284. The material occurred in a wide range of features and no significant concentrations are apparent.
- 1.2.12 *Coated material.* White calcareous fired clay with what appears to be the remains of a coat of fine, brown, micaceous daub occurs in contexts 15073 and 15106, in the area of the aisled building. These may be the vestiges of some sort of cob walling which has been rendered with daub. Further analysis would be necessary to establish whether they are associated with the keyed walling from this area.
- 1.2.13 Small fragments of fired clay with mortar attached were noted in contexts 15082, 15126, 15391, 20042, 20044, 20046, 20056, 20076, 20079, 20082 and 20087. These come from the main villa house and the aisled building, and probably represent either destruction material from clay walls with mortar render, or fired clay reused in floors.
- 1.2.14 A further 57 fragments (368g) of fired daub were noted by Malcolm Lyne during the assessment of the Iron Age and Roman pottery. This material came from context 20087, a floor surface of the proto-villa.
- 1.2.15 Four fragments of salt container weighing 14g were identified by Malcolm Lyne during his assessment of the pottery. He notes that the salt container is in fabric BER15, which is datable to the period 50 BC-AD 70. It derives from context 15001, an occupation layer at the south-west end of the aisled building.

Honeyhills Wood

- 1.2.16 A single fragment of clay containing white flint flakes was recovered. The only feature of interest is a group of four fingernail impressions in the surface of the clay, but these may be post-depositional.

Hockers Lane

- 1.2.17 A total of 48 fragments of fired clay and daub weighing 0.466kg were recovered from nine contexts. Two main fabrics are represented, a whitish clay and an orange clay. Abundant organic inclusions were noted in the material from contexts 63 and 83, and that from the latter has a smoothed surface and may be an artefact. No other datable or potentially datable material is present.

Provenance

- 1.2.18 Material was recovered from the areas of the main villa house, the temple, the aisled building and the 14-post structure at Thurnham Roman villa. Much of the material appears to have been re-used as surfacing or packing material in a variety of contexts, during all phases of the villas development. Nevertheless, some groups occur in well-sealed contexts and provide useful phasing and dating evidence, particularly for the earlier phases.

Conservation

- 1.2.19 The condition of the material is on the whole fairly poor as much of it is fragmentary and abraded. There are also brush-marks on many of the fragments, caused by washing with too hard a brush. This has resulted in loss of surface detail which is essential to interpret the use of the material.
- 1.2.20 Further analysis of the material may be needed, so it should not be placed in long term storage until this has been carried out. There are no special requirements for long term storage, other than the use of robust packaging materials and a dry environment.
- 1.2.21 All the material should be retained pending a final decision about the scope of future work. In the future, if the fired clay is fully recorded and quantified by fabric, the majority can be discarded. The following should be retained: samples of all the fabrics; artefacts; material with distinctive markings, such as combing, lath, wattle or fabric impressions; material with whitewash, plaster or mortar adhering to it. The quantity retained according to these criteria would probably be equivalent to between 10% and 20% of the assemblage.

Comparative material

- 1.2.22 Probably the best source of comparative material is the other local North Kentish sites excavated in the course of the Channel Tunnel Rail Link project, although it appears that quantities will be very limited. Small quantities of daub were recovered from the Late Iron Age/Roman rural site at South of Snarkhurst Wood. Four fragments of fired clay from a possible furnace, pyre or kiln base were noted at Chapel Mill. Comparison with material from other local villa sites such as Eccles and Maidstone The Mount might be of value for keyed clay walling and coated material, as evidence for construction techniques and materials.

Potential for further work

CTRL Landscape Zone Priorities and Fieldwork Event Aims

- 1.2.23 The following section discusses potential for further work in the light of the Landscape Zone Priorities and Fieldwork Event Aims.
- 1.2.24 The assemblage has the potential to provide information on the types of structures and activities on the site. This in turn will help with understanding the function of features and structures, and the presence of functional zones. In order to achieve this, the material should be analysed in relation to the stratigraphic sequence to determine the following:
- the occurrence of fired clay in pre-Roman, specifically Iron Age, deposits;
 - the uses of fired clay in the Roman period, evidence for keyed clay walling having been noted in the scan;

- the presence and likely function of fired clay in post-Roman contexts.
 - New research aims and objectives for the CTRL archaeology project
- 1.2.25 Inter-site comparison should also be undertaken in order to detect chronological patterning in the use of unfired building materials in the Iron Age, Roman and post-Roman periods in the area.

1.3 Assessment of the Plaster and Mortar

by Susan Pringle

Introduction

- 1.3.1 Just under 23kg of plaster and mortar, including *opus signinum* mortars, were recovered during recent excavation works at Thurnham Villa.
- 1.3.2 The majority of the material was hand retrieved on site, with smaller quantities being recovered from sample sieving.
- 1.3.3 The recovery and study of the material 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 aid the establishment of a dated occupation sequence for all phases of the villa's development. It was also designed to help establish the function of features and structures and the presence of functional zones, and to cast light on the probable status and patterns of contact of the settlement.

Methodology

- 1.3.4 In order to aid the establishment of a provisional dated occupation sequence for the villa, all the plaster and mortar from the site, with the exception of the decorated wall plaster, has been examined. The fragments have been counted and weighed, and notes made of the colour, texture, inclusions and the presence of original surfaces or imprints. No analytical work has been carried out on the fabrics. The data have been entered on an Access database. All the material has been retained.

Quantification

- 1.3.5 The total weight of plaster and mortar scanned for the assessment is 22.9kg (494 fragments). The types fall into three broad groups: lime mortars with mainly quartz sand aggregate (12.6kg, 211 fragments), *opus signinum* mortars with a significant content of ceramic building material chips in a matrix of lime mortar (8.2kg, 245 fragments), and plaster (2.1kg, 38 fragments). The term 'plaster' is used here to describe both painted wall plaster, ie. lime mortar finished with a layer of fine-grained plaster and paint, and (possible) stucco, made from fine lime plaster with little or no aggregate.
- 1.3.6 The great majority (92%) of the mortar was recovered in the area of the main villa house. Several different types of mortars are present, including:
 - 1. A pale yellow matrix with aggregate of colourless quartz sand in sparse to moderate quantities and white lime inclusions. Imprints of imbrices on the material from context 20077 indicates that this was used as roofing mortar.
 - 2. A darker yellow or pink matrix containing aggregate of very coarse rose quartz sand and occasional rock fragments, including iron-rich sandstones. The red and pink versions may have become oxidised from being burnt at some time. This type of mortar was used as a backing for painted wall plaster from context 20198.
 - 3. A white matrix with colourless quartz sand. Some fragments have concave surfaces, and probably represent roofing mortar (context 11641).
 - 4. A whitish matrix with abundant, well-sorted quartz sand. A fragment with fine sand (context 10343) and a second example with medium sand (context 11776) are typical of the mortar used as backing layers for good quality wall plaster.

- 1.3.7 The *opus signinum* mortars also vary in appearance. Most have orange or red tile flecks, but context 20184 contains coarse pale yellow *opus signinum* chips. Some fragments have flat surfaces and abrasion consistent with use as flooring, but a coarse version of the mortar from 20077 also has convex and concave surfaces, and a fine version from context 20084 has convex mouldings. *Opus signinum* mortars have hydraulic properties, and are often associated with bath-houses and cisterns.
- 1.3.8 A small assemblage of fragmentary decorated painted wall plaster has been sent for specialist conservation assessment, which is the subject of a separate report.

Provenance

- 1.3.9 The site of the main villa house accounts for 92% of all the material, and has by far the largest quantities of all types of plaster and mortar. However, almost 10% of the mortar (by weight) comes from the area of the temple, and small quantities of both mortar and *opus signinum* mortar are associated with the aisled building. The majority of the material is thus likely to be of Roman date, and to have been used in the Roman structures on the site.

Conservation

- 1.3.10 The condition of the material is reasonable although much of it is fragmentary and abraded. The plaster with painted surfaces has been sponged lightly with water for this scan, and further cleaning is probably not necessary.
- 1.3.11 Further analysis of the material may be needed, so it should not be placed in long term storage until this has been carried out. There are no special requirements for long term storage, other than the use of robust packaging materials and a dry environment.
- 1.3.12 All the material should be retained pending a final decision regarding further analysis. In the future, if the plaster and mortar are fully recorded and quantified by fabric, the majority can be discarded. The following should be retained: samples of all the fabrics; material with original surfaces and impressions of building materials. The quantity retained according to these criteria would probably be equivalent to between 10% and 20% of the assemblage.

Potential for further work

CTRL Landscape Zone Priorities and Fieldwork Event Aims

- 1.3.13 The following section discusses potential for further work in the light of the Landscape Zone Priorities and Fieldwork Event Aims.
- 1.3.14 Further analysis of different plaster and mortar types has the potential to help refine the provisional dated occupation sequence, and to provide further information on the likely form, and therefore status and function, of different structures on the site. It may also provide additional information regarding the patterns of contact of the villa. In order to achieve this, the material should be analysed in relation to the stratigraphic sequence in order to determine the following:
- the uses of plaster and mortar in the Roman period, evidence for roofing, walling and possibly flooring having been noted in the scan;
 - the patterns of occurrence of the various mortar types over the site, with a view to establishing chronological links;
 - the presence and likely origin of plaster and mortar in post-Roman contexts.

Table 1.9: Thurnham Roman Villa ARC THM 98: Building materials, Contexts represented in the scan, by phase and area (asterisks denote contexts with the largest assemblages)

<i>Phase</i>	<i>Area</i>	<i>Context</i>	<i>Interpretation</i>
2	A	20087*	Proto-villa: floor surfaces
2	A	20304	Proto-villa: crushed tile surface
?2	C	15283	Gully pre-dating aisled building
2-3	A	20184	Proto-villa: primary ditch fill (group 20400)
2-3	B	10646, 10647	'Temple': interior surfaces
2-3	B	10809, 10810, 10863	'Temple': external surfaces
3	A	20174*	Proto villa/villa: primary ditch fill (group 20400)
?3	C	12347	Fill of large pit 10547
4	A	10609*	Ditch fill, rear of villa (group 10610)
4	A	20042*	Villa: structural additions to north-east
4	B	10935*, 11641*	Backfill of ditch 12545 to east of 'temple'
4	D	11227*	14-post structure; internal tile surface
4	D	11107	Ditch group 11090 associated with 14-post building 11250
4	D	11235	14-post structure; gully (group 11240)
5	A	20067*	Villa: rubble fill of oven - 4th century deposit
5	A	20094*	Villa: Room 20,000 - imbrices associated with 3rd century smithy?
5	A	20115*	Villa: voussoirs associated with hearth - 3rd century smithy?
5	C	11131	Corndrier - collapse debris

Table 1.10: Thurnham Roman Villa ARC THM 98: Building materials, Counts and weights for each tile type seen in the scanned contexts, securely identified material

Period	Tile type	Count	Weight (grams)
Roman	Tegula	1595	278116
	Imbrex	1319	139763
	Brick	50	20599
	Box flue	19	3264
	Tessera	13	181
	Voussoir	12	3740
Med/post-med	Peg tile	26	1311
	Curved	3	74
Post-medieval	Brick	11	963

Table 1.11: Thurnham Roman Villa ARC THM 98: Building Materials: Contexts, counts, weights and identification for all the assessed building material

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
1	2	17	TILE				<210> abraded			
1	2	62	IMB	RO	43	400	<210> sandy fabric, abraded			
1	1	32	TEG	RO	43	400	<212>			
10074	1	111	TEG	RO			abraded; red fabric			
10110	4	20	TILE	RO	43	400	abraded			
10110	2	90	TEG	RO	43	400	abraded; 2 fabrics, 8 & red			
10178	1	55	PEG	MD ; PM	1150	1800	unglazed			
10178	2	30	TILE	RO	43	400	abraded; red fabric			
10228	2	21	TILE	RO	43	400	red fabrics			
10237	1	150	TEG	RO	43	400	fabric 8			
10264	1	209	TEG	RO	43	400	abraded; red fabric			
10273	13	83	TILE	RO	43	400	very abraded; fabrics 8 & red			
10273	1	61	IMB	RO	43	400	red fabric			
10273	2	51	TILE	RO	43	400	very abraded			
10273	4	334	TEG	RO	43	400	fabric 8 & red; 1 reused as tessera?			
10273	4	560	IMB	RO	43	400	red fabrics, incl nr london type.			
10321	1	234	IMB	RO	43	400	fabric 8			
10324	4	88	TILE	RO	43	400	very abraded			
10324	1	12	IMB	RO	43	400				
10324	1	19	PEG	MD ; PM	1150	1800	unglazed			
10343	6	380	TEG	RO	43	400	orange, red and fabric 8; most very abraded			
10343	9	682	IMB	RO	43	400				
10343	1	97	FLUE	RO	43	400	fabric a. plain.			
10343	76	720	TILE	RO	43	400	may be some worn tesserae included			
10347	15	159	TILE	RO	43	400	red fabrics			
10347	3	598	TEG	RO	43	400	red fabrics; 1 de-flanged			
10347	2	165	IMB	RO	43	400	red fabrics			
10395	1	2820	IMB	RO	43	400	fabric 8; complete, l=c.430mm; b=156, 198mm; h=60, 75mm.			
10417	5	655	TEG	RO	43	400	orange fabrics, fabric 8 x 1 - mortared; some sooted on sanded face			
10417	1	55	IMB	RO	43	400	orange			
10417	1	195	FLUE?	RO	43	400	fabric a - odd angled corner - butterfly vent cut?			
10417	1	44	TILE	RO	43	400	orange			
10425	1	97	TEG	RO	43	400	orange; v. abraded flange			
10425	1	108	TILE	RO	43	400	fabric 8; very abraded, prob teg			
10436	7	1000	TEG	RO	43	400				
10436	10	896	IMB	RO	43	400	most orange, some fabric 8			
10436	1	23	TESS	RO	43	400	fabric 8			
10436	1	22	PEG	MD ; PM	1150	1800	unglazed			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
10436	1	205	TILE	RO	43	400	most orange, some fabric 8			
10444	5	349	IMB	RO	43	400	orange			
10453	1	111	TEG	RO	43	400	fine orange; base reduced			
10453	1	39	IMB	RO	43	400	sandy orange, nr fabric a; abraded			
10467	2	258	TEG	RO	43	400	conjoin; fabric 8			
10472	2	121	IMB	RO	43	400	orange and red			
10472	2	5	TILE	RO	43	400	orange and red			
10474	3	515	TEG	RO	43	400	all very abraded; fabric 8 and orange			
10474	3	213	IMB	RO	43	400	abraded; fabric 8			
10474	39	737	TILE	RO	43	400	all very abraded; fabric 8 and orange			
10476	3	115	TEG	RO	43	400	abraded			
10478	4	273	TEG	RO	43	400	fabric 8 and red			
10478	2	99	IMB	RO	43	400	fabric 8			
10478	8	149	TILE	RO	43	400	mixed fabrics			
10494	5	380	IMB	RO	43	400	mixed fabric 8 and orange			
10494	16	351	TILE	RO	43	400	mixed, mostly orange			
10494	5	610	TEG	RO	43	400				
10497	2	376	TEG	RO	43	400	fabric 8			
10501	3	74	IMB	RO	43	400	orange red fabrics			
10501	10	1470	TEG	RO	43	400	mostly orange red, some fabric 8; 1 with part n/hole, ?pre-firing (orange fabric).			
10501	5	84	TILE	RO	43	400	mixed fabric 8 and orange			
10501	1	129	BRIC	RO	43	400	orange silty - coarse sand			
10501	2	96	FLUE?	RO	43	400	fabric a - conjoin; plain (or teg?)			
10505	7	561	IMB	RO	43	400	mixed fabrics, red, 8 and orange			
10505	2	30	TEG	RO	43	400	mixed fabrics, red, 8 and orange			
10505	17	196	TILE	RO	43	400				
10506	3	323	TEG	RO	43	400	fabric 8			
10516	13	2975	TEG	RO	43	400	mostly fabric 8, 1 fine orange; some worn - paving or flooring?			
10516	5	679	IMB	RO	43	400	fabric 8			
10516	5	46	TILE	RO	43	400	fabric 8			
10517	3	158	IMB	RO	43	400	fabric 8 - abraded			
10517	19	165	TILE	RO	43	400	fabric 8, 1 orange			
10517	13	3800	TEG	RO	43	400				
10517	1	1680	BRIC?	RO	43	400	or thick teg, 40mm; fabric 8			
10528	9	3960	TEG	RO	43	400	fabric 8, 2 orange; incl 2-finger hoop sig mks			
10528	2	223	IMB	RO	43	400	fabric 8			
10528	3	102	TILE	RO	43	400	mixed fabric 8 and orange - incl teg or brick			
10546	2	196	TEG	RO	43	400	fabric 8 (sooted			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							base) and fine orange			
10546	1	36	IMB	RO	43	400	fabric 8			
10548	4	54	TILE	RO	43	400	very abraded; roman fabric			
10548	11	135	TILE	RO	43	400	fabric 8; abraded			
10552	1	9	TILE	RO	43	400	very abraded			
10562	1	18	IMB	RO	43	400	flake			
10564	1	12	IMB	RO	43	400	could be peg, but prob roman			
10564	2	12	TILE	RO	43	400	all red/orange			
10566	1	136	IMB	RO	43	400	fine orange			
10566	15	29	TILE	RO	43	400	fine orange			
10569	11	23	TILE	RO	43	400	very abraded flakes/scraps			
10575	2	219	TEG	RO	43	400	fabric 8 and red			
10575	2	1	TILE	RO	43	400	orange?			
10579	1	29	TEG	RO	43	400	fabric 8			
10579	9	32	TILE	RO	43	400	fine orange			
10604	13	2080	TEG	RO	43	400	much abraded. incl teg flange chipping			
10604	25	2458	IMB	RO	43	400	most fine orange in context, some coarse sandy orange, and fabric 8;			
10604	25	855	TILE	RO	43	400				
10609	17	2762	TEG	RO	43	400	orange (fine & sandy, fabric 8, red; abraded. teg nr fabric a; 2 sig mks, 2 & 4 finger hoops			
10609	21	2274	IMB	RO	43	400			upp fill rear boundary d (g10610)	4
10609	19	404	TILE	RO	43	400				
10634	3	189	IMB	RO	43	400	most fine orange			
10634	1	45	TEG	RO	43	400	most fine orange			
10634	12	69	TILE	RO	43	400	orange			
10641	6	1025	TEG	RO	43	400	fabric 8; big chunks			
10641	7	1052	IMB	RO	43	400	fabric 8; big chunks; some sooted inside			
10642	3	340	TEG	RO	43	400	fabric 8			
10642	4	768	IMB	RO	43	400	fabric 8			
10642	3	238	TILE	RO	43	400	fabric 8			
10643	12	915	TEG	RO	43	400	fabric 8			
10643	16	1350	IMB	RO	43	400	fabrics: 8 & red			
10643	21	247	TILE	RO	43	400	abraded scraps			
10646	22	133	TILE	RO	43	400	abraded	B	temple' - int surfaces	2 TO 3
10646	6	194	TEG	RO	43	400	abraded	B	temple' - int surfaces	2 TO 3
10646	6	233	IMB	RO	43	400	abraded	B	temple' - int surfaces	2 TO 3
10646	1	135	BRIC	RO	43	400	or thick teg. abraded.	B	temple' - int surfaces	2 TO 3
10647	2	154	PEG	MD ; PM	1150	1700	unglazed; square and diamond-shaped n/holes; prob 1500+	B	temple' - int surfaces	2 TO 3
10647	4	146	TEG?	RO	43	400	very abraded; "later sample"	B	temple' - int surfaces	2 TO 3
10647	8	91	TILE	RO	43	400	very abraded; "later sample"	B	temple' - int surfaces	2 TO 3

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
10648	2	116	IMB	RO	43	400	abraded			
10648	3	17	TILE	RO	43	400	abraded			
10654	11	1440	TEG	RO	43	400	mostly fabric 8			
10654	6	356	IMB	RO	43	400	fabric 8.			
10654	3	291	BRIC	RO	43	400	fabric 8.			
10654	3	40	TILE	RO	43	400	abraded			
10656	1	850	TEG	RO	43	400				
10656	2	32	TILE	RO	43	400				
10657	13	1060	TEG	RO	43	400	most are red			
10657	56	286	TILE	RO	43	400	abraded			
10657	22	1510	IMB	RO	43	400	most are red			
10659	9	775	TEG	RO	43	400	abraded. most fabric 8			
10659	2	136	IMB	RO	43	400	abraded - red			
10659	7	113	TILE	RO	43	400	abraded scraps			
10668	10	2900	TEG	RO	43	400	all fabric 8; big chunks			
10668	3	249	IMB	RO	43	400	all fabric 8; big chunks			
10685	15	100	TILE	RO	43	400	abraded scraps			
10685	20	1950	IMB	RO	43	400	mixed fabrics; 8and red			
10685	16	1710	TEG	RO	43	400	mostly fabric 8			
10687	3	397	IMB	RO	43	400	all fabric 8; 2 conjoin.			
10706	13	111	TILE	RO	43	400	abraded scraps			
10706	4	404	TEG	RO	43	400	abraded; mostly red fabrics			
10706	5	125	IMB	RO	43	400	abraded; mostly red fabrics			
10707	4	10	TILE	RO	43	400	very abraded			
10708	4	180	TEG	RO	43	400				
10708	1	58	IMB	RO	43	400				
10712	2	58	TEG?	RO	43	400	conjoin; flake.			
10809	4	960	IMB	RO	43	400	all fabric 8	B	temple - crushed tile path surface, =10863	2 TO 3
10809	2	539	TEG	RO	43	400	both fabric 8	B	temple - crushed tile path surface, =10863	2 TO 3
10810	4	1660	TEG	RO	43	400	2 conjoin - big chunks; all fabric 8	B	temple - crushed tile path surface, =10863	2 TO 3
10810	1	85	IMB	RO	43	400	all fabric 8	B	temple - crushed tile path surface, =10863	2 TO 3
10831	3	12	TILE	RO	43	400	abraded scraps; fabric 8 and red.			
10861	8	1780	TEG	RO	43	400	fabrics 8 and red; fabric 8 with biconical ?n/hole, prob post-firing (no edges)			
10861	16	74	TILE	RO	43	400	red fabrics			
10861	4	312	IMB	RO	43	400	red fabrics			
10862	8	1970	TEG	RO	43	400	mostly red, some orange.			
10862	6	1247	IMB	RO	43	400	some is chunky and			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							looks fresh			
10863	12	1385	IMB	RO	43	400	fabric 8; some conjoin; big chunks	B	temple - tile path , =10809/10810	
10864	1	3	TILE	RO	43	400	fabric 8			
10865	3	25	TILE	RO	43	400	fabric 8			
10868	2	770	TEG	RO	43	400	fabric 8			
10870	40	381	TILE	RO	43	400	abraded scraps			
10870	16	725	TEG	RO	43	400	mostly fabric 8; some red			
10870	11	740	IMB	RO	43	400	mostly fabric 8; some red			
10870	1	30	PEG	MD ; PM	1150	1800	red fabric; fine sanding; part ?square n/hole; unglazed			
10871	7	505	TEG	RO	43	400	fabric 8			
10871	3	79	IMB	RO	43	400	fabric 8			
10871	3	23	TILE	RO	43	400	fabric 8			
10878	7	885	IMB	RO	43	400	fabric 8 and red			
10878	7	608	TEG	RO	43	400	fabric 8 and red			
10878	1	15	TILE	RO	43	400	thin tile, could be peg but fabric looks roman			
10888	3	240	TEG	RO	43	400	all red fabrics			
10888	1	44	TEG OR FLUE	RO	43	400	all red fabrics			
10888	2	87	IMB	RO	43	400	all red fabrics			
10888		30	TILE	RO	43	400	scraps, mostly red			
10898	1	10	TEG?	RO	43	400	red fabric; with ??graffiti			
10908	12	1810	TEG	RO	43	400				
10908	5	657	IMB	RO	43	400				
10908	1	7	TILE	RO	43	400				
10921	3	80	TEG	RO	43	400	all fabric 8; abraded			
10921	1	22	IMB	RO	43	400				
10921	24	83	TILE	RO	43	400	abraded scraps			
10934	3	1020	TEG	RO	43	400	mostly fabric 8, some red; sig mark - 2 finger hoop (fabric 8)			
10934	4	33	TILE	RO	43	400	flakes; fabric 8 and red			
10935	44	21430	TEG	RO	43	400	fabric 8	B	temple, backfill d 12545 to e	4
10935	18	4135	IMB	RO	43	400	fabric 8	B	temple, backfill d 12545 to e	4
10935	24	673	TILE	RO	43	400	fabric 8	B	temple, backfill d 12545 to e	4
10935	4	640	BRIC?	RO	43	400	fabric 8; brick or teg	B	temple, backfill d 12545 to e	4
10936	16	750	IMB	RO	43	400	fabrics 8, red and streaky orange, nr mol fabric 3018			
10936	2	59	TEG	RO	43	400	fabric 8			
10936	8	77	TILE	RO	43	400	scraps; mostly fabric 8			
10937	1	28	IMB	RO	43	400	fabric 8			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
10937	7	45	TILE	RO	43	400	scraps			
10939	2	13	TILE	RO	43	400	fabric 8			
10942	1	76	BRIC?	RO	43	400	fabric 8			
10943	1	1	TILE	RO	43	400	tiny flake			
10947	10	16	TILE	RO	43	400	flakes - all red; abraded			
10959	1	1	TILE	RO	43	400	fabric 8			
10961	1	1	TILE	RO	43	400	red			
10984	2	250	TEG	RO	43	400	fabric 8 and red			
10984	1	14	TILE	RO	43	400	scrap			
10988	1	1	TILE	RO	43	400	red flake			
10991	1	378	TEG	RO	43	400	orange-red			
10991	11	40	TILE	RO	43	400	mostly red, some fab8			
10994	3	96	TEG	RO	43	400	fabrics: red, 8 and orange			
10994	2	33	IMB	RO	43	400	red and 8			
10994	12	109	TILE	RO	43	400	all red - flakes			
11000	5	414	IMB	RO	43	400	red and orange	D	corndrier & 14-post bldg	
11000	7	854	TEG	RO	43	400	red and orange	D	corndrier & 14-post bldg	
11000	2	2	TILE	RO	43	400	fabric 8 and red	D	corndrier & 14-post bldg	
11000	1	35	PEG	MD ; PM	1150	1800	unglazed	D	corndrier & 14-post bldg	
11000	6	499	PM BRIC	PM	1450	1700		D	corndrier & 14-post bldg	
11011	1	476	BRIC	RO	43	400	orange	D	corndrier & 14-post bldg	
11011	1	122	TEG	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11011	3	306	IMB	RO	43	400	red and orange	D	corndrier & 14-post bldg	
11011	2	40	TILE	RO	43	400	fabric 8 and orange; abraded	D	corndrier & 14-post bldg	
11016	1	46	TEG	RO	43	400	orange, abraded	D	corndrier & 14-post bldg	
11016	2	24	TILE	RO	43	400	orange and fabric 8	D	corndrier & 14-post bldg	
11017			TUFA	RO	43	400	block, re-used in corndrier structure	D	corndrier & 14-post bldg	5
11019			TUFA	RO	43	400	block, re-used in corndrier structure	D	corndrier & 14-post bldg	5
11023			TUFA	RO	43	400	block, re-used in corndrier structure	D	corndrier & 14-post bldg	5
11025	1	86	BRIC	RO	43	400	roman or post-med - very abraded	D	corndrier & 14-post bldg	
11025	9	125	TILE	RO	43	400	2 with vitrified moulding sand	D	corndrier & 14-post bldg	
11025	1	76	TEG	RO	43	400	orange	D	corndrier & 14-post bldg	
11025	1	17	TESS	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11026	44	3840	TEG	RO	43	400	mostly orange, some fabric 8 and red	D	corndrier & 14-post bldg	
11026	11	817	IMB	RO	43	400	some conjoin; mostly orange, some fabric 8 and red	D	corndrier & 14-post bldg	
11026	21	278	TILE	RO	43	400	orange and red	D	corndrier & 14-post bldg	
11026	2	41	TESS?	RO	43	400	abraded; orange	D	corndrier &	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
									14-post bldg	
11028			TUFA	RO	43	400	re-used block	D	corndrier & 14-post bldg	5
11031	2	233	TEG	RO	43	400		D	corndrier, rubble fr collapse	5
11031			TUFA	RO	43	400	re-used block	D	corndrier, rubble fr collapse	5
11033	14	1125	IMB	RO	43	400		D	corndrier & 14-post bldg	
11033	13	1610	TEG	RO	43	400	mostly fabric 8, some red/orange	D	corndrier & 14-post bldg	
11033	56	735	TILE	RO	43	400	mostly fabric 8, some red/orange	D	corndrier & 14-post bldg	
11034	4	11	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11036	1	70	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11036	2	405	TEG	RO	43	400	orange fabric; conjoin	D	corndrier & 14-post bldg	
11036	3	23	TILE	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11039	2	86	TEG?	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11039	2	54	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11043	3	16	TILE	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11044	18	1134	IMB	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11044	30	3330	TEG	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11044	45	660	TILE	RO	43	400	abraded fabric 8 and orange	D	corndrier & 14-post bldg	
11044	1	27	TESS	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11058	1	276	IMB	RO	43	400	orange	D	corndrier & 14-post bldg	
11058	1	245	TEG	RO	43	400	orange	D	corndrier & 14-post bldg	
11061	3	635	TEG	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11061	3	259	IMB	RO	43	400	fabric 8 and silty orange	D	corndrier & 14-post bldg	
11061	5	93	TILE	RO	43	400	fabric 8, orange and red	D	corndrier & 14-post bldg	
11062	1	396	TEG	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11063	9	890	IMB	RO	43	400	mostly fabric 8, some orange & red	D	corndrier & 14-post bldg	
11063	3	907	TEG	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11063	1	213	BRIC	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11063	24	160	TILE	RO	43	400	flakes and abraded scraps	D	corndrier & 14-post bldg	
11067	2	160	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11067	2	85	TEG	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11067	1	24	PEG	MD ; PM	1150	1800	no edges, glaze or	D	corndrier &	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							n/holes		14-post bldg	
11067	3	16	TILE	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11078	5	657	IMB	RO	43	400	abraded, but 2 conjoin; fabric 8, orange and some red	D	corndrier & 14-post bldg	
11078	9	1775	TEG	RO	43	400		D	corndrier & 14-post bldg	
11080	2	61	IMB	RO	43	400	orange and fabric 8	D	corndrier & 14-post bldg	
11080	8	78	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11082	1	5	IMB?	RO	43	400	very small frag	D	corndrier & 14-post bldg	
11085	1	93	TEG	RO	43	400	orange fabric with blocky incls of ?siltstone, iron-rich, and coarse qtz; v. coarse sanding	D	corndrier & 14-post bldg	
11085	1	38	PEG	MD ; PM	1150	1800	diamond shaped hole, prob 1500-1800.	D	corndrier & 14-post bldg	
11092	8	1095	TEG	RO	43	400	fabric 8 (1 nr fabric9) and red	D	corndrier & 14-post bldg	
11092	1	17	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11092	13	275	TILE	RO	43	400	scraps, mostly fabric 8	D	corndrier & 14-post bldg	
11094	2	404	TEG	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11094	5	83	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11102	2	463	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11102	2	224	PEG	MD ; PM	1150	1800		D	corndrier & 14-post bldg	
11102	1	5	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11107	15	765	TEG	RO	43	400	mostly orange; some fabric 8 and red	D	d g 11090, 14-4 post bldg	
11107	8	501	IMB	RO	43	400	mostly orange; some fabric 8 and red	D	d g 11090, 14-4 post bldg	
11107	1	91	BRIC	RO	43	400	fabric 8	D	d g 11090, 14-4 post bldg	
11107	16	240	TILE	RO	43	400	mostly fabric 8	D	d g 11090, 14-4 post bldg	
11107	1	8	PEG	MD ; PM	1150	1800	unglazed; prob 1500+	D	d g 11090, 14-4 post bldg	
11108	2	300	IMB	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11108	4	740	TEG	RO	43	400	fabric 8 and red	D	corndrier & 14-post bldg	
11108	3	69	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11109	1	63	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11109	1	8	TILE	RO	43	400	orange	D	corndrier & 14-post bldg	
11127	4	346	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11127	2	97	TEG	RO	43	400	fabric 8	D	corndrier &	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
									14-post bldg	
11127	2	19	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11131	3	1100	TEG	RO	43	400	orange and red	D	collapse around cd 10304, corndrier	5
11131	4	1126	FLUE	RO	43	400	fabric a	D	collapse around cd 10304, corndrier	5
11143	1	104	TEG	RO	43	400	orange	D	corndrier & 14-post bldg	
11143	1	26	TILE	RO	43	400	abraded	D	corndrier & 14-post bldg	
11155	1	105	TEG	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11155	1	8	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11155	3	21	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11163	14	1254	TEG	RO	43	400	mostly fabric 8 and orange; incl 1 hoof print	D	corndrier & 14-post bldg	
11163	11	690	IMB	RO	43	400	incl fabric a	D	corndrier & 14-post bldg	
11163	1	45	BRIC	RO	43	400	orange fabric, grey core	D	corndrier & 14-post bldg	
11163		229	TILE	RO	43	400		D	corndrier & 14-post bldg	
11167	2	122	TEG	RO	43	400	fabric 8 and red	D	corndrier & 14-post bldg	
11167	1	29	IMB	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11167	3	16	TILE	RO	43	400	orange	D	corndrier & 14-post bldg	
11171	2	371	IMB	RO	43	400	red/orange	D	corndrier & 14-post bldg	
11191	5	243	IMB	RO	43	400	red, orange and fabric 8	D	corndrier & 14-post bldg	
11191	3	147	TEG	RO	43	400	orange and fabric 8; abraded	D	corndrier & 14-post bldg	
11191	2	14	TESS	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11191	10	15	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11195	1	10	TILE	RO	43	400	fabric 8	D	corndrier & 14-post bldg	
11198	2	52	IMB	RO	43	400	orange	D	corndrier & 14-post bldg	
11199	3	117	TEG	RO	43	400	orange, fabric 8, fabric a	D	corndrier & 14-post bldg	
11199	1	65	FLUE	RO	43	400	fabric a, combed	D	corndrier & 14-post bldg	
11199	2	40	TILE	RO	43	400	orange and fabric 8	D	corndrier & 14-post bldg	
11203	1	1	TILE	RO	43	400	crumb, sandy orange fabric	D	corndrier & 14-post bldg	
11208	13	873	IMB	RO	43	400	fabric 8, orange and red	D	corndrier & 14-post bldg	
11208	13	1000	TEG	RO	43	400	fabric 8, orange and red	D	corndrier & 14-post bldg	
11208	1	64	BRIC	RO	43	400	fabric 8	D	corndrier &	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
									14-post bldg	
11208	20	300	TILE	RO	43	400	orange and fabric 8	D	corndrier & 14-post bldg	
11227	25	17525	TEG	RO	43	400	fabric 8; 2 de-flanged. complete l = 477mm; nr complete b = 315mm; sig mk type 9 (mol)	D	tile surface in 14-post bldg	4
11227	12	43	TILE	RO	43	400	flakes, all fabric 8	D	tile surface in 14-post bldg	4
11228	4	564	IMB	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11228	6	981	TEG	RO	43	400	fabric 8 and orange	D	corndrier & 14-post bldg	
11231	1	43	TEG?	RO	43	400	abraded	D	corndrier & 14-post bldg	
11235	13	1554	IMB	RO	43	400	orange, fabric 8 and red, incl type a	D	gully g11240 assoc with 14-post bldg	4
11235	3	88	TEG	RO	43	400	fabric 8 and orange; abraded	D	gully g11240 assoc with 14-post bldg	4
11235	21	109	TILE	RO	43	400	abraded scraps ;fabric 8, orange and red	D	gully g11240 assoc with 14-post bldg	4
11237	11	1295	IMB	RO	43	400	mostly fabric 8,with red and orange	D	corndrier & 14-post bldg	
11237	8	940	TEG	RO	43	400	mostly fabric 8,with red and orange	D	corndrier & 14-post bldg	
11237	18	176	TILE	RO	43	400	mostly fabric 8,with red and orange	D	corndrier & 14-post bldg	
11239	12	2290	TEG	RO	43	400	red, orange and fabric 8	D	corndrier & 14-post bldg	
11239	10	716	IMB	RO	43	400	mostly red/orange, some fabric 8	D	corndrier & 14-post bldg	
11241	2	213	IMB	RO	43	400	fabric 8and red	D	corndrier & 14-post bldg	
11241	2	15	TILE	RO	43	400	orange - scraps	D	corndrier & 14-post bldg	
11244	32	3674	IMB	RO	43	400	mostly orange/red, some fabric 8	D	corndrier & 14-post bldg	
11244	30	4835	TEG	RO	43	400	mostly orange/red, some fabric 8	D	corndrier & 14-post bldg	
11244	1	46	BRIC?	RO	43	400	or thick teg - fabric 8	D	corndrier & 14-post bldg	
11244	20	280	TILE	RO	43	400	mostly orange/red	D	corndrier & 14-post bldg	
11251	4	151	IMB	RO	43	400	mostly orange, some fabric 8	D	corndrier & 14-post bldg	
11251	5	1185	TEG	RO	43	400	fabric 8 and red/orange	D	corndrier & 14-post bldg	
11251	3	231	FLUE	RO	43	400	fabric a; combed; 2 combed faces - voussoir? part curved vent cut	D	corndrier & 14-post bldg	
11251	1	14	TILE	RO	43	400		D	corndrier & 14-post bldg	
11254	1	60	TEG	RO	43	400	orange; sooted and reduced	D	corndrier & 14-post bldg	
11267	1	48	IMB?	RO	43	400	abraded	D	corndrier & 14-post bldg	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
11268	2	86	IMB	RO	43	400	1 abraded and reduced; orange	D	corndrier & 14-post bldg	
11303	4	467	IMB	RO	43	400	2 orange, 2 fabric 8			
11303	2	705	TEG	RO	43	400	1 orange, 1 fabric 8			
11303	1	105	BRIC?	RO	43	400	or thick teg; fabric 8			
11303	6	30	TILE	RO	43	400				
11306	1	257	TEG	RO	43	400	fabric 8			
11306	1	59	IMB	RO	43	400	red			
11306	1	3	TILE	RO	43	400	fabric 8			
11313	15	50	TILE	RO	43	400	orange			
11317	21	1820	TEG	RO	43	400				
11317	13	1368	IMB	RO	43	400				
11317	1	770	BRIC	RO	43	400	fabric 8, 50mm thick			
11317	29	306	TILE	RO	43	400	mixed fabrics			
11318	3	87	IMB	RO	43	400	abraded; fabric 8			
11318	12	685	TEG	RO	43	400	abraded; fabric 8			
11318	7	232	TILE	RO	43	400	abraded; fabric 8			
11349	6	539	IMB	RO	43	400	fabric 8 and red, incl fabric a; some smashed. 2 conjoin			
11349	1	32	TEG	RO	43	400				
11350	2	1992	TEG	RO	43	400	fabric 8; looped sig mk, sq n/hole (10x12mm), 75mm from bottom of tile, de-flanged?			
11350	1	9	IMB	RO	43	400	fabric 8			
11350	1	20	TILE	RO	43	400	fabric 8			
11351	8	157	IMB	RO	43	400	fabric 8			
11351	2	98	TEG	RO	43	400	fabric 8			
11351	21	154	TILE	RO	43	400	fabric 8			
11352	8	37	TILE	RO	43	400	fabric 8; flakes			
11352	1	29	TEG	RO	43	400				
11353	14	206	TILE	RO	43	400	fabric 8; flakes			
11380	2	790	TEG	RO	43	400	fabric 8; de-flanged; frags conjoin			
11380	2	884	IMB	RO	43	400	fabric 8; conjoin; complete large end, b=201; h = 75mm			
11387	2	87	TEG	RO	43	400	fabric 8			
11387	2	52	IMB	RO	43	400	fabric 8 and dark red			
11387	4	160	TILE	RO	43	400	red, and fabric 8			
11389	2	297	IMB	RO	43	400	orange			
11389	11	37	TILE	RO	43	400	mostly orange			
11391	1	6	TILE	RO	43	400	fabric 8			
11392	2	61	IMB	RO	43	400	fabric 8			
11392	2	29	TEG	RO	43	400	fabric 8; incl chip from teg flange, upper cutaway			
11394	2	87	TEG	RO	43	400	fabric 8			
11394	1	4	IMB	RO	43	400	fabric 8			
11418	8	21	TILE	RO	43	400	orange; very abraded			
11532	6	1322	TEG	RO	43	400	fabric 8; incl flange chipping			
11532	1	14	IMB	RO	43	400				
11532	18	99	TILE	RO	43	400	scraps, fabric 8 and 1 orange			
11544	1	63	TEG	RO	43	400	nr 3018 (mol); very abraded			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
11544	7	23	TILE	RO	43	400	scraps; mostly orange			
11545	3	9	TILE	RO	43	400	2 fabric 8, 1red			
11548	1	254	TEG	RO	43	400	fabric 8; de-flanged			
11548	2	215	IMB	RO	43	400	fabric 8			
11551	1	58	IMB	RO	43	400	orange fabric, nr mol 3238			
11561	6	780	TEG	RO	43	400	most orange, 1 fabric 8			
11561	1	46	IMB	RO	43	400	orange			
11561	31	53	TILE	RO	43	400	orange scraps			
11567	4	16	TILE	RO	43	400	3 fabric 8, 1red			
11569	2	4	TILE	RO	43	400	red			
11569	2	207	IMB	RO	43	400	fabric 8; conjoin, ?fire-damaged			
11570	1	84	FLUE	RO	43	400	fabric a, combed			
11570	1	27	IMB?	RO	43	400	orange, abraded			
11576	13	63	TILE	RO	43	400	fabric 8 and orange; scraps			
11576	1	17	IMB	RO	43	400	red			
11576	2	59	TEG	RO	43	400	fabric 8			
11578	1	139	FLUE	RO	43	400	fabric a, combed			
11578	2	5	TILE	RO	43	400	scraps; fabric 8			
11581	3	65	TEG	RO	43	400	fabric 8			
11581	15	61	TILE	RO	43	400	fabric 8-flakes			
11584	5	147	TILE	RO	43	400	fabric 8; may include some teg			
11585	1	4	TILE	RO	43	400	fabric 8			
11586	1	786	TEG	RO	43	400	fabric 8; de-flanged			
11591	5	31	TILE	RO	43	400	mostly fabric 8, 1 red and 1 nr 'classis britannica' type (3200 mol), but with normal sanding.			
11592	3	65	TILE	RO	43	400	fabric 8			
11592	1	28	TEG	RO	43	400	fabric 8			
11626	7	2470	TEG	RO	43	400	fabric 8; big chunks			
11626	13	1545	IMB	RO	43	400	fabric 8; big chunks			
11627	3	100	TEG?	RO	43	400	fabric 8; very abraded			
11627	10	59	TILE	RO	43	400	most fabric 8, 2 red/orange			
11628	4	18	TILE	RO	43	400	fabric 8			
11628	1	18	TEG	RO	43	400	fabric 8			
11628	1	60	IMB	RO	43	400	fabric 8			
11632	4	295	TEG	RO	43	400	fabric 8 and orange; 2 conjoin			
11632	6	25	TILE	RO	43	400	most fabric 8; 2 orange			
11634	1	5	TILE	RO	43	400	fabric 8			
11635	1	23	IMB	RO	43	400	fabric 8			
11641	48	10821	IMB	RO	43	400	fabric 8	B	?temple - main fill d 12545, =10395	4
11641	37	7470	TEG	RO	43	400	fabric 8; incl 2-finger hoop sig mk x 2; incl some flanges	B	?temple - main fill d 12545, =10396	4
11641	12	44	TILE	RO	43	400	fabric 8	B	?temple - main fill d 12545,	4

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
									=10397	
11642			TUFA	RO	43	400	fill of ditch 12545 containing tile deposit	B	fill d 12545	5
11707	2	14	IMB?	RO	43	400	fabric 8			
11710	2	80	IMB	RO	43	400	fabric 8 and red; abraded			
11710	8	233	TEG	RO	43	400	fabric 8; abraded			
11710	9	139	TILE	RO	43	400	mostly fabric 8. abraded.			
11717	1	1	IMB	RO	43	400	orange			
11717	1	46	TILE	RO	43	400	orange; abraded			
11719	1	283	BRIC	RO	43	400	orange, very abraded			
11722	5	21	TILE	RO	43	400	fabric 8			
11724	1	47	TEG	RO	43	400				
11724	1	72	IMB	RO	43	400				
11724	1	37	BRIC?	RO	43	400				
11724	6	72	TILE	RO	43	400				
11724	7	366	PEG	MD ; PM	1150	1800	red fabric x 1; marly fabric (between 2278 and 3201, mol) x 6. diamond n/holes (prob 1500+)			
11728	2	276	TEG	RO	43	400	fabric 8 and orange			
11737	2	75	PEG	MD ; PM	1150	1800	1500+? diamond n/holes			
11737	1	72	PM BRIC	PM	1450	1900	moulded surface - could be shaped or frogged (if latter, later 18thc on)			
11738	1	18	PEG	MD ; PM	1150	1800				
11738	1	4	TILE	RO	43	400	fabric 8			
11750	4	394	IMB	RO	43	400	fabric 8 - 1 completely reduced			
11750	2	65	TEG	RO	43	400				
11750	7	49	TILE	RO	43	400	fabric 8			
11774	3	225	PEG	MD ; PM	1150	1800	red and pink fabrics, fine moulding sand			
11774	3	74	CURV	MD ; PM	1150	1800	white fabric, medium moulding sand			
11774	4	392	PM BRIC	PM	1450	1800	very abraded			
11774	1	5	TILE	?			may be brick or peg tile			
11791	2	5	TILE	RO	43	400	fabric 8, very abraded			
11794	1	2	TILE	RO	43	400	fabric 8			
11814	1	2	IMB	RO	43	400	fabric 8			
11814	3	1	TILE	RO	43	400	fabric 8 and orange			
11821	1	47	IMB	RO	43	400	fabric 8			
11829	7	812	IMB	RO	43	400	fabric 8			
11829	6	788	TEG	RO	43	400	fabric 8			
11829	7	105	TILE	RO	43	400	fabric 8; flakes			
11844	1	1	TILE	RO	43	400	fabric 8			
11846	4	7	TILE	RO	43	400	most orange, 1 fabric 8			
11846	1	175	TEG	RO	43	400	fabric 8			
11862	1	59	IMB	RO	43	400	fabric 8			
11862	1	1	TILE	RO	43	400	fabric 8			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
11865	37	154	TILE	RO	43	400	mixed fabric 8, orange			
11865	1	3	TEG	RO	43	400	orange			
11890	3	4	TILE	RO	43	400	orange			
11892	1	27	IMB	RO	43	400	red/orange			
11892	12	11	TILE	RO	43	400	mostly orange			
11897	8	36	TILE	RO	43	400	mixed orange and fabric 8			
11901	3	154	IMB	RO	43	400	fabric 8			
11901	1	10	TILE	RO	43	400	fabric 8			
11906	1	3	TILE	RO	43	400	orange			
11914	1	67	TEG	RO	43	400	fabric 8			
11914	1	11	IMB	RO	43	400	fabric 8			
11929	3	1	TILE	RO	43	400	fabric 8 x 2; orange x1			
11939	4	175	TEG	RO	43	400	fabric 8			
11939	2	49	IMB	RO	43	400	fabric 8			
11939	22	137	TILE	RO	43	400	fabric 8			
11940	1	298	IMB	RO	43	400	fabric 8			
11940	3	79	TILE	RO	43	400	fabric 8			
11941	1	27	IMB	RO	43	400	fabric 8; abraded			
11941	14	70	TILE	RO	43	400	fabric 8; abraded			
11947	6	360	TEG	RO	43	400	fabric 8			
11947	6	15	TILE	RO	43	400	fabric 8; abraded			
11961	9	143	TILE	RO	43	400	mostly fabric 8; abraded			
11984	1	516	TEG	RO	43	400	red; 2-finger hoop sig mark			
11994	1	15	TEG?	RO	43	400	teg or bric, sooted			
11997	4	191	IMB	RO	43	400	abraded; mostly orange, 1 fabric 8			
11997	1	39	TEG	RO	43	400	red			
11997	10	80	TILE	RO	43	400	mostly orange and red			
11997	1	18	PEG	MD ; PM	1150	1800	orange, fine moulding sand; sq or diamond/hole (no edges)			
11999	20	73	TILE	RO	43	400	mixed fabs			
11999	6	222	IMB	RO	43	400	incl fabric a			
11999	2	179	TEG	RO	43	400	both red; 1 fabric a, 1 london-type			
12007	1	2	TILE	RO	43	400	orange			
12012	2	1	TILE	RO	43	400	fabric 8 and orange			
12013	2	9	TILE	RO	43	400	fabric 8 and red			
12024	1	29	TILE	RO	43	400	fabric 8			
12032	5	5	TILE	RO	43	400	mostly orange, fabric 8 x 1			
12084	1	72	TEG?	RO	43	400	abraded, red			
12084	2	48	IMB?	RO	43	400	abraded, red			
12084	14	163	TILE	RO	43	400	red/orange			
12085	8	53	TILE	RO	43	400	mixed fabrics			
12099	10	658	TEG	RO	43	400	fabric 8, orange and red; abraded			
12099	4	181	IMB	RO	43	400	orange			
12099	3	26	TESS	RO	43	400	fabric 8			
12099	25	233	TILE	RO	43	400	mostly fabric 8; 2orange			
12101	33	5105	TEG	RO	43	400	mixed fabric 8, orange and red, incl fabric a and some with v.coarse iron-			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							rich incls			
12101	22	1590	IMB	RO	43	400	mixed fabrics			
12101	3	41	TESS	RO	43	400	fabric 8 and orange			
12101	68	1220	TILE	RO	43	400	mixed fabrics, very abraded			
12109	3	242	IMB	RO	43	400	fabric 8 and orange			
12109	2	92	TEG	RO	43	400	fabric 8			
12109	5	40	TILE	RO	43	400	fabric 8 and red			
12158	1	2	TILE	RO	43	400	red			
12203	36	4617	TEG	RO	43	400	mostly fabric 8, some orange			
12203	17	878	IMB	RO	43	400	mostly fabric 8, some orange			
12203	49	920	TILE	RO	43	400	mixed abraded			
12203	1	16	TESS	RO	43	400	orange			
12261	11	16	TILE	RO	43	400	fabric 8			
12275	1	87	IMB	RO	43	400	fabric 8			
12275	15	49	TILE	RO	43	400	fabric 8			
12278	9	17	TILE	RO	43	400	fabric 8			
12279	52	4170	TEG	RO	43	400	mostly fabric 8, some orange/red			
12279	24	1477	IMB	RO	43	400	mostly fabric 8, some orange/red			
12279	165	2450	TILE	RO	43	400	mixed fabrics			
12279	1	125	BRIC	RO	43	400	orange			
12279	1	17	TESS	RO	43	400	fabric 8			
12284	2	70	TEG	RO	43	400	orange			
12284	4	16	TILE	RO	43	400	fabric 8			
12286	1	163	IMB	RO	43	400	fabric 8			
12286	2	161	TEG	RO	43	400	fabric 8			
12286	7	19	TILE	RO	43	400	fabric 8			
12289	1	25	IMB	RO	43	400	fabric 8			
12293	2	101	TEG	RO	43	400	fabric 8			
12293	29	107	TILE	RO	43	400				
12296	4	48	TILE	RO	43	400	orange; 1 reduced			
12298	1	10	TILE	RO	43	400	fabric 8, probably teg			
12347	7	5100	IMB	RO	43	400	complete x 2; orange/red, l=431; b=203, c.140; h = 79, 59mm. orange, l=431; b=201, 135; h=79, 59mm.		tiles fr large pit with jar, grain & quern	?3
12361	19	2293	IMB	RO	43	400	mostly orange/red, 2fabric 8			
12361	12	4230	TEG	RO	43	400	orange/red			
12361	28	433	TILE	RO	43	400	mostly orange/red, incl fabric a			
12361	1	387	FLUE	RO	43	400	plain, part oddly shaped (butterfly?) vent cut			
12377	2	77	TEG	RO	43	400	fabric 8			
12377	1	23	IMB	RO	43	400	fabric 8			
12377	8	38	TILE	RO	43	400	fabric 8			
12378	33	2390	IMB	RO	43	400	fabric 8; destruction material			
12378	11	1215	TEG	RO	43	400	fabric 8; destruction material			
12378	20	249	TILE	RO	43	400	fabric 8; destruction material			
12379	1	24	IMB	RO	43	400	fabric 8			
12404	1	5	TILE	RO	43	400	fabric 8?, with			

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							sandy silty lumps			
12434	13	1410	TEG	RO	43	400	fabric 8			
12434	16	449	IMB	RO	43	400	fabric 8, orange x 1			
12434	67	495	TILE	RO	43	400	fabric 8			
12437	4	477	TEG	RO	43	400	fabric 8			
12437	5	293	IMB	RO	43	400	fabric 8			
12437	4	15	TILE	RO	43	400	fabric 8			
12455	4	1078	TEG	RO	43	400	fabric 8; 3 conjoin - odd groove on base, scored or accidental?			
12455	7	609	IMB	RO	43	400	fabric 8; 2 sooted			
12455	11	297	TILE	RO	43	400	fabric 8, with red scrap			
12460	3	268	IMB	RO	43	400	2 orange, 1 fabric 8			
12460	13	2495	TEG	RO	43	400	orange, incl blocky clay incls, 1 fabric 8			
12460	3	115	TILE	RO	43	400	orange			
12529	2	206	IMB	RO	43	400	orange and fabric 8			
12529	12	1780	TEG	RO	43	400				
12529	29	266	TILE	RO	43	400				
12530	19	1550	IMB	RO	43	400	red/orange and fabric 8			
12530	24	5720	TEG	RO	43	400				
12530	24	337	TILE	RO	43	400	mixed fabrics			
12535	5	724	TEG	RO	43	400	fabric 8			
12535	1	109	IMB	RO	43	400	fabric 8			
12535	2	29	TILE	RO	43	400	fabric 8			
12537	1	152	TEG	RO	43	400	fabric 8			
12540	1	32	TILE	RO	43	400	fabric 8			
12542	1	142	IMB	RO	43	400	fabric 8			
12542	1	100	TEG	RO	43	400	fabric 8			
12542	1	22	TILE	RO	43	400	fabric 8			
12543	1	88	TEG	RO	43	400	fabric 8			
12546	7	2286	IMB	RO	43	400	fabric 8			
12546	1	273	TEG	RO	43	400	fabric 8			
12546	1	1	TILE	RO	43	400	fabric 8			
15001	10	2515	TEG	RO	43	400	mostly fabric 8, some red/orange	C	aisled bldg	
15001	5	722	IMB	RO	43	400		C	aisled bldg	
15001	9	73	TILE	RO	43	400	incl fabric a	C	aisled bldg	
15008	3	32	TILE	RO	43	400	red	C	aisled bldg	
15018	2	74	TEG	RO	43	400	orange	C	aisled bldg	
15018	1	110	IMB	RO	43	400	orange	C	aisled bldg	
15018	1	10	TILE	RO	43	400	fabric 8, sooted top surface	C	aisled bldg	
15019	1	166	TEG	RO	43	400	fabric 8	C	aisled bldg	
15019	1	82	IMB	RO	43	400	fabric 8	C	aisled bldg	
15019	1	8	TILE	RO	43	400	fabric 8	C	aisled bldg	
15021	2	50	TEG	RO	43	400	orange	C	aisled bldg	
15021	3	92	IMB	RO	43	400	orange	C	aisled bldg	
15021	9	208	TILE	RO	43	400	orange	C	aisled bldg	
15025	1	54	TEG	RO	43	400	fabric 8	C	aisled bldg	
15025	4	26	TILE	RO	43	400	fabric 8, orange and red	C	aisled bldg	
15037	3	92	IMB	RO	43	400	orange and red	C	aisled bldg	
15037	1	41	TEG	RO	43	400	orange or yellow lumpy?	C	aisled bldg	
15037	2	19	TILE	RO	43	400	orange	C	aisled bldg	
15041	1	13	TEG?	RO	43	400	fabric 8	C	aisled bldg	
15041	1	1	TILE	RO	43	400	orange	C	aisled bldg	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
15045	2	11	TILE	RO	43	400	orange	C	aisled bldg	
15050	2	324	TEG	RO	43	400	orange, sandy/silty fabric	C	aisled bldg	
15050	1	16	IMB	RO	43	400	pramge	C	aisled bldg	
15050	14	157	TILE	RO	43	400	fabric 8 and orange	C	aisled bldg	
15058	1	32	TEG	RO	43	400	orange -whole context is flakes	C	aisled bldg	
15058	5	90	IMB	RO	43	400	orange, 1 fabric 8	C	aisled bldg	
15058	61	218	TILE	RO	43	400	orange	C	aisled bldg	
15062	2	584	TEG	RO	43	400	fabric 8 and red/orange	C	aisled bldg	
15062	7	83	TILE	RO	43	400	fabric 8	C	aisled bldg	
15064	8	357	TEG	RO	43	400	overfired red, grey core - heat-cracked?	C	aisled bldg	
15064	1	16	IMB	RO	43	400	red	C	aisled bldg	
15064	3	15	TILE	RO	43	400	fabric 8 and orange	C	aisled bldg	
15073	5	424	TEG	RO	43	400	red (fabric a), orange (sandy and fine), and fabric 8	C	aisled bldg	
15073	2	78	IMB	RO	43	400	red and fabric 8	C	aisled bldg	
15073	5	24	TILE	RO	43	400	red, orange and fabric 8	C	aisled bldg	
15076	1	11	TILE	RO	43	400	orange	C	aisled bldg	
15077	6	67	TILE	RO	43	400	1 prob a teg; fabric 8 and orange	C	aisled bldg	
15081	12	3500	TEG	RO	43	400	mostly orange, incl fabric a	C	aisled bldg	
15081	3	360	IMB	RO	43	400	2 orange, 1 fabric 8	C	aisled bldg	
15081	1	127	BRIC?	RO	43	400	red with silty lumps; 30-35mm thick, thin brick or thick teg?	C	aisled bldg	
15081	4	56	TILE	RO	43	400	red and orange	C	aisled bldg	
15082	1	4	TILE	RO	43	400	orange	C	aisled bldg	
15083	3	128	TEG	RO	43	400	red incl fabric a; fire-cracked?	C	aisled bldg	
15083	1	16	TILE	RO	43	400	orange sandy	C	aisled bldg	
15087	1	71	IMB	RO	43	400	fabric 8	C	aisled bldg	
15090	1	44	TEG	RO	43	400	fabric 8	C	aisled bldg	
15090	4	41	TILE	RO	43	400	fabric 8	C	aisled bldg	
15092	1	4	TILE	RO	43	400	fabric 8	C	aisled bldg	
15094	4	174	TILE	RO	43	400	fabric 8	C	aisled bldg	
15100	5	954	TEG	RO	43	400	fabric 8; 2 conjoin	C	aisled bldg	
15102	1	138	IMB	RO	43	400	fabric 8	C	aisled bldg	
15104	3	809	TEG	RO	43	400	fabric 8 x 2; orange x 1	C	aisled bldg	
15104	1	211	IMB	RO	43	400	fabric 8	C	aisled bldg	
15109	4	1009	TEG	RO	43	400	fabric 8; all conjoin	C	aisled bldg	
15131	1	48	TEG	RO	43	400	fabric 8	C	aisled bldg	
15131	1	8	IMB	RO	43	400	fabric 8	C	aisled bldg	
15131	1	2	TILE	RO	43	400	fabric 8	C	aisled bldg	
15133	1	20	IMB	RO	43	400	fabric 8	C	aisled bldg	
15133	4	328	TEG	RO	43	400	most orange (nr mol 3018); 1 red sandy	C	aisled bldg	
15133	5	49	TILE	RO	43	400	fabric 8 and orange	C	aisled bldg	
15143	1	98	IMB	RO	43	400	fabric 8	C	aisled bldg	
15145	3	3080	BRIC	RO	43	400	fabric 8	C	aisled bldg	
15145	28	6720	TEG	RO	43	400	fabric 8	C	aisled bldg	
15145	12	1610	IMB	RO	43	400	fabric 8	C	aisled bldg	
15145	7	2812	BRIC	RO	43	400	fabric 8; 44mm thick	C	aisled bldg	
15145	19	1057	TILE	RO	43	400	fabric 8; some is	C	aisled bldg	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							thick teg/brick			
15146	1	165	IMB	RO	43	400	orangey red, fine sandy	C	aisled bldg	
15148	1	160	TEG	RO	43	400	fabric 8	C	aisled bldg	
15148	2	133	IMB	RO	43	400	fabric 8	C	aisled bldg	
15154	2	800	TEG	RO	43	400	fabric 8	C	aisled bldg	
15161	1	319	TEG	RO	43	400	fabric 8	C	aisled bldg	
15177	2	79	IMB	RO	43	400	fabric 8 and red	C	aisled bldg	
15177	1	24	TILE	RO	43	400	orange - sandy	C	aisled bldg	
15179	1	19	TILE	RO	43	400	fabric 8	C	aisled bldg	
15183	2	25	TILE	RO	43	400	fabric 8 and orange	C	aisled bldg	
15186	3	31	TILE	RO	43	400	red, some mortared	C	aisled bldg	
15187	1	27	TILE	RO	43	400	fabric 8	C	aisled bldg	
15190	5	780	TEG	RO	43	400	4 orange, 1 fabric 8	C	aisled bldg	
15190	4	461	IMB	RO	43	400	3 red, 1 fabric 8	C	aisled bldg	
15190	6	128	TILE	RO	43	400	5 red, 1 fabric 8	C	aisled bldg	
15196	2	140	IMB	RO	43	400	red and fabric 8	C	aisled bldg	
15207	6	467	IMB	RO	43	400	2conjoin (red); 2 orange	C	aisled bldg	
15207	7	2700	TEG	RO	43	400	most red/orange; some fabric 8	C	aisled bldg	
15207	1	12	TILE	RO	43	400		C	aisled bldg	
15208	3	219	IMB	RO	43	400	fabric 8	C	aisled bldg	
15212	2	317	TEG	RO	43	400	fabric 8	C	aisled bldg	
15212	3	656	IMB	RO	43	400	fabric 8; 1 is patched	C	aisled bldg	
15212	6	206	TILE	RO	43	400	fabric 8	C	aisled bldg	
15214	9	657	IMB	RO	43	400	mostly red/orange, some fabric 8	C	aisled bldg	
15214	12	681	TEG	RO	43	400	mostly fabric 8	C	aisled bldg	
15214	1	5	TILE	RO	43	400	fabric 8	C	aisled bldg	
15215	7	412	TEG	RO	43	400	fabric 8, 1 fine orange	C	aisled bldg	
15215	4	866	BRIC	RO	43	400	fabric 8; 45mm, 55mm thick	C	aisled bldg	
15215	2	81	IMB	RO	43	400	fabric 8	C	aisled bldg	
15215	3	89	TILE	RO	43	400	fabric 8	C	aisled bldg	
15218	2	519	TEG	RO	43	400	fabric 8	C	aisled bldg	
15218	4	719	IMB	RO	43	400	fabric 8	C	aisled bldg	
15238	1	57	TILE	RO	43	400	fabric 8	C	aisled bldg	
15242	1	8	IMB	RO	43	400	fabric 8	C	aisled bldg	
15242	4	11	TILE	RO	43	400	fabric 8 and orange	C	aisled bldg	
15243	16	157	TILE	RO	43	400	most fabric 8, 3 orange	C	aisled bldg	
15243	1	256	BRIC	RO	43	400	fabric 8; c.40mm thick	C	aisled bldg	
15243	4	655	IMB	RO	43	400	fabric 8	C	aisled bldg	
15243	8	429	TEG	RO	43	400	fabric 8	C	aisled bldg	
15244	3	179	IMB	RO	43	400	fabric 8	C	aisled bldg	
15249	6	658	TEG	RO	43	400	most fabric 8,2 orange	C	aisled bldg	
15249	3	380	IMB	RO	43	400	2red orange, 1 fabric 8	C	aisled bldg	
15249	1	23	TILE	RO	43	400	orange	C	aisled bldg	
15253	15	1900	TEG	RO	43	400	fabric 8	C	aisled bldg	
15253	7	246	IMB	RO	43	400	fabric 8	C	aisled bldg	
15253	57	630	TILE	RO	43	400	fabric 8	C	aisled bldg	
15257	59	7361	TEG	RO	43	400	mostly red and orange, incl fabric a	C	aisled bldg	
15257	52	6826	IMB	RO	43	400	mostly red and orange, incl fabric a	C	aisled bldg	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
15257	8	298	TILE	RO	43	400	orange, incl silty sandy types	C	aisled bldg	
15279	30	3825	TEG	RO	43	400	fabric 8; 1 with scored base	C	aisled bldg	
15279	15	1518	IMB	RO	43	400	fabric 8, 1 red	C	aisled bldg	
15279	23	1004	TILE	RO	43	400	fabric 8	C	aisled bldg	
15279	6	1376	BRIC	RO	43	400	fabric 8; 45-55mm thick (is is38mm - ?teg)	C	aisled bldg	
15283	10	4465	TEG	RO	43	400	fabric 8	C	aisled bldg; gully pre-dating	?2
15283	3	868	IMB	RO	43	400	fabric 8	C	aisled bldg; gully pre-dating	?2
15283	1	662	BRIC	RO	43	400	fabric 8; 59+mm thick	C	aisled bldg; gully pre-dating	?2
15283	9	109	TILE	RO	43	400	fabric 8	C	aisled bldg; gully pre-dating	?2
15294	1	3	IMB?	RO	43	400	fabric 8	C	aisled bldg	
15294	2	10	TILE	RO	43	400	fabric 8	C	aisled bldg	
15297	5	809	TEG	RO	43	400	fabric 8, 1 orange	C	aisled bldg	
15297	1	40	IMB	RO	43	400	orange, very sandy	C	aisled bldg	
15297	1	2	TILE	RO	43	400	fabric 8	C	aisled bldg	
15308	2	635	TEG	RO	43	400	fabric 8 and orange	C	aisled bldg	
15308	2	658	IMB	RO	43	400	fabric 8 and red	C	aisled bldg	
15308	2	53	TILE	RO	43	400	fabric 8	C	aisled bldg	
15310	10	494	TEG	RO	43	400	fabric 8	C	aisled bldg	
15310	1	59	IMB	RO	43	400	red	C	aisled bldg	
15310	9	97	TILE	RO	43	400	fabric 8	C	aisled bldg	
15319	2	254	TEG	RO	43	400	fabric 8	C	aisled bldg	
15319	2	133	IMB	RO	43	400	fine orange and fabric 8	C	aisled bldg	
15319	3	48	TILE	RO	43	400	fabric 8	C	aisled bldg	
15329	1	14	TILE	RO	43	400	fabric 8	C	aisled bldg	
15336	2	46	TEG	RO	43	400	fabric 8	C	aisled bldg	
15336	2	19	TILE	RO	43	400		C	aisled bldg	
15342	1	274	TEG	RO	43	400	fabric 8	C	aisled bldg	
15344	2	351	TEG	RO	43	400	fabric 8	C	aisled bldg	
15352	1	53	TILE	RO	43	400	fabric 8	C	aisled bldg	
15386	1	395	TEG	RO	43	400	orange	C	aisled bldg	
15389	4	32	TILE	RO	43	400	2 orange, 2 fabric 8	C	aisled bldg	
15391	3	29	TILE	RO	43	400	fabric 8	C	aisled bldg	
15393	3	745	TEG	RO	43	400	2 orange, 1 fabric 8	C	aisled bldg	
15393	1	222	IMB	RO	43	400	fabric 8	C	aisled bldg	
15393	2	54	TILE	RO	43	400	fabric 8	C	aisled bldg	
15395	1	67	TEG	RO	43	400	fabric 8	C	aisled bldg	
15398	2	178	IMB	RO	43	400	fine orange, red	C	aisled bldg	
15412	2	46	TILE	RO	43	400	fabric 8	C	aisled bldg	
20042	24	3470	TEG	RO	43	400	all fine orange	A	villa, bldg debris assoc w cons wall 20011	4
20042	11	932	IMB	RO	43	400	fine and coarse orange, fabric a	A	villa, bldg debris assoc w cons wall 20011	4
20042	3	445	BRIC	RO	43	400	2 conjoin; fabric a (35-40mm thick, with mortar), red nr	A	villa, bldg debris assoc w cons wall	4

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							fine orange (38mm thick).		20011	
20042	39	1030	TILE	RO	43	400	all orange	A	villa, bldg debris assoc w cons wall 20011	4
20001	2	56	TEG	RO	43	400	fine orange	A	villa	
20001	1	6	IMB	RO	43	400	fabric 8	A	villa	
20001	4	25	TILE	RO	43	400	fine orange	A	villa	
20002	5	670	TEG	RO	43	400	fabric 8	A	villa	
20002	3	88	IMB	RO	43	400	fabric 8	A	villa	
20002	7	63	TILE	RO	43	400	most fabric 8, 1 orange	A	villa	
20004	2	52	TILE	RO	43	400	fine orange; 1 is poss imb with v.coarse sandy mortar attached	A	villa	
20007	9	64	TILE	RO	43	400	most fine orange, 2 fabric 8	A	villa	
20007	2	219	TEG	RO	43	400	fabric 8, 1 fabric a	A	villa	
20007	1	20	IMB	RO	43	400	fine orange	A	villa	
20018	1	27	TEG	RO	43	400	dark orange	A	villa	
20018	10	54	TILE	RO	43	400	orange, 1 fabric a	A	villa	
20028	1	16	TEG	RO	43	400	fabric 8	A	villa	
20028	9	36	TILE	RO	43	400	most fabric 8, some orange and red	A	villa	
20037	1	12	TEG	RO	43	400	mortared orange	A	villa	
20037	2	23	IMB	RO	43	400	mortared orange and red	A	villa	
20043	5	773	IMB	RO	43	400	fine orange (high fired with med sand) and fabric a	A	villa	
20043	11	900	TEG	RO	43	400	orange	A	villa	
20043	3	1180	BRIC	RO	43	400	thin brick, 33-40mm thick, fabric a	A	villa	
20043	43	1000	TILE	RO	43	400	all orange - mostly fine	A	villa	
20045	4	493	TEG	RO	43	400	most orange, 1 fabric 8	A	villa	
20045	4	68	TILE	RO	43	400	most orange, 1 fabric 8	A	villa	
20046	4	61	TILE	RO	43	400	orange	A	villa	
20046	1	153	TEG	RO	43	400	fabric 8	A	villa	
20048	1	186	TEG	RO	43	400	fine orange	A	villa	
20048	5	31	TILE	RO	43	400	mostly orange, some fabric 8	A	villa	
20049	1	888	TEG	RO	43	400	fabric 8	A	villa	
20049	1	115	IMB	RO	43	400	fabric 8	A	villa	
20049	2	1	TILE	RO	43	400	fabric 8	A	villa	
20051	1	358	IMB	RO	43	400	fabric 8	A	villa	
20056	4	1063	TEG	RO	43	400	red	A	villa	
20056	2	191	IMB	RO	43	400	red/orange - 1 reduced	A	villa	
20056	1	91	FLUE	RO	43	400	nr fabric a, combed	A	villa	
20056	5	59	TILE	RO	43	400	most orange, 1 fabric 8	A	villa	
20057	1	34	TEG	RO	43	400	fabric 8	A	villa	
20057	7	155	TILE	RO	43	400	fabric 8	A	villa	
20058	6	651	IMB	RO	43	400	orange and yellow	A	villa, seals metalworking hearths	5
20058	3	764	TEG	RO	43	400	orange and red -	A	villa, seals	5

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							fabric a		metalworking hearths	
20058	1	1800	BRIC	RO	43	400	red - ?high-fired fine orange; 40mm thick	A	villa, seals metalworking hearths	5
20058	2	150	FLUE	RO	43	400	fabric a, combed	A	villa, seals metalworking hearths	5
20058	12	89	TILE	RO	43	400	mixed yellow orange and red	A	villa, seals metalworking hearths	5
20058			TUFA	RO	43	400		A	villa, seals metalworking hearths	5
20062	1	62	TEG	RO	43	400	fine orange	A	villa	
20064	3	50	IMB	RO	43	400	orange, highly fired; conjoin	A	villa	
20067	4	433	TEG	RO	43	400	2 fabric 8, 2 orange	A	villa, fill of late oven	5
20067	1	65	IMB	RO	43	400	fabric 8	A	villa, fill of late oven	5
20067	4	39	TILE	RO	43	400	orange	A	villa, fill of late oven	5
20074	2	439	IMB	RO	43	400	1 fabric 8, 1 orange	A	villa	
20076	2	138	IMB	RO	43	400	orange	A	villa	
20076	2	156	TEG	RO	43	400	orange	A	villa	
20077	13	1009	IMB	RO	43	400	orange and red, 1 fabric 8	A	villa	
20077	15	1715	TEG	RO	43	400	orange and red, 3 fabric 8	A	villa	
20077	7	66	TILE	RO	43	400	orange	A	villa	
20078	2	5	TILE	RO	43	400	1 could be chip from op sig	A	villa	
20079	5	512	TEG	RO	43	400	4 orange/red, 1 yellow	A	villa	
20079	1	15	IMB?	RO	43	400	red abraded	A	villa	
20079	2	297	FLUE	RO	43	400	fabric a, combed; red fabric like mol 3006, coarsely combed	A	villa	
20079	8	151	TILE	RO	43	400	flakes and mortared scraps - most orange	A	villa	
20082	1	700	TEG	RO	43	400	fabric 8	A	villa	
20082	1	4	TILE	RO	43	400	mortared - op sig chip?	A	villa	
20084	7	4760	TEG	RO	43	400	fine orange	A	villa	
20084	5	523	TEG	RO	43	400	fine orange	A	villa	
20084	2	129	IMB	RO	43	400	fine orange	A	villa	
20084	6	62	TILE	RO	43	400	5 orange, 1 fabric 8	A	villa	
20085	4	252	TEG	RO	43	400	orange, 1 fabric 8	A	villa	
20085	2	61	IMB	RO	43	400	orange/red	A	villa	
20085	11	119	TILE	RO	43	400	3 fabric 8, rest orange	A	villa	
20089	1	25	IMB	RO	43	400	red	A	villa	
20089	1	18	TILE	RO	43	400	orange	A	villa	
20087	32	3000	TEG	RO	43	400	fabric 8	A	proto-villa, clay floor	2
20087	87	5279	IMB	RO	43	400	fabric 8	A	proto-villa, clay floor	2
20087	225	1654	TILE	RO	43	400	fabric 8	A	proto-villa, clay floor	2
20094	27	10565	TEG	RO	43	400	large context, all	A	villa, imb at	5

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
							orange fabric; may be possible to reconstruct sizes of tiles		centre of r20,000	
20094	19	8855	IMB	RO	43	400	orange	A	villa	
20094	8	44	TILE	RO	43	400	orange	A	villa	
20095	1	546	FLUE	RO	43	400	fabric a; complete breadth narrow plain face c.110mm.	A	villa	
20097	2	882	TEG	RO	43	400	fabric a	A	villa	
20097	1	5	TILE	RO	43	400	fabric a	A	villa	
20101	34	5370	TEG	RO	43	400	orange (f), some fabric a. incl sig mk & tally mk.	A	villa	
20101	25	1153	IMB	RO	43	400	orange (f), some fabric a.	A	villa	
20101	4	794	BRIC	RO	43	400	fabric a; 27-30mm thick x 1; 35+mm abraded x 1	A	villa	
20101	87	1547	TILE	RO	43	400	some mortared; may incl tess or op sig chips	A	villa	
20108	1	51	FLUE	RO	43	400	sandy orange, less coarse than fabric a	A	villa	
20109	1	23	TILE	RO	43	400	orange	A	villa	
20111	1	292	TEG	RO	43	400	fabric 8	A	villa	
20119	3	294	TEG	RO	43	400	fabric 8	A	villa	
20119	1	20	TILE	RO	43	400	fabric 8	A	villa	
20119	1	95	IMB	RO	43	400	fabric 8	A	villa	
20126	1	24	IMB	RO	43	400	fabric 8	A	villa	
20127	3	269	IMB	RO	43	400	orange, red and fabric 8	A	villa	
20127	25	229	TILE	RO	43	400	mostly orange, some fabric 8 & fabric a	A	villa	
20128	1	53	IMB	RO	43	400	fabric 8	A	villa	
20128	1	28	TILE	RO	43	400	fine orange	A	villa	
20115	12	3740	VOUS	RO	43	400	fabric a	A	villa, hearth in r20,000	5
20115	2	2980	BRIC	RO	43	400	red fabric with fairly fine moulding sand. sandy yellow mortar on faces, overfired.	A	villa	
20131	4	3780	TEG	RO	43	400	fabric a (3 join) no calc carb incls; 3 join, comp b=445mm. 1 orange fine	A	villa	
20131	1	31	IMB	RO	43	400	red	A	villa	
20131	11	161	TILE	RO	43	400	mixed orange and fabric 8	A	villa	
20137	2	409	TEG	RO	43	400	fabric 8	A	villa	
20137	4	70	TILE	RO	43	400	fabric 8	A	villa	
20145	1	10	IMB	RO	43	400	fabric 8	A	villa	
20154	21	81	TILE	RO	43	400	fabric 8 and orange, mortared - prob op sig chips	A	villa	
20155	3	10	TILE	RO	43	400	2 fabric 8, 1 orange	A	villa	
20159	1	375	TEG	RO	43	400	red nr mol 2452; tally mk xii	A	villa	
20159	1	49	TILE	RO	43	400	teg or flue?	A	villa	
20163	5	659	TEG	RO	43	400	fabric 8	A	villa	
20163	10	231	IMB	RO	43	400	fabric 8, 1 orange	A	villa	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
20169	1	47	TILE	RO	43	400	fabric 8 - flake of brick or teg	A	villa	
20172	1	2	TILE	RO	43	400	orange	A	villa	
20174	4	494	IMB	RO	43	400	fabric 8	A	proto-villa; fill of dg20400	3
20174	2	2405	TEG	RO	43	400	fabric 8; conjoin	A	proto-villa; fill of dg20400	3
20174	1	1640	BRIC	RO	43	400	fabric 8	A	proto-villa; fill of dg20400	3
20174	1	1	TILE	RO	43	400	fabric 8	A	proto-villa; fill of dg20400	3
20175	2	1200	IMB	RO	43	400	fabric 8	A	villa	
20175	4	827	TEG	RO	43	400	fabric 8	A	villa	
20176	1	76	IMB	RO	43	400	fabric 8	A	villa	
21078	2	170	IMB	RO	43	400	fabric 8	A	villa	
20184	14	149	TILE	RO	43	400	fabric a, 8, orange - mortared, ?op sig chips incl	A	proto-villa; primary fill of dg20400	2 TO 3
20188	8	1270	TEG	RO	43	400	most fabric 8, some red	A	villa	
20188	20	2100	IMB	RO	43	400	most fabric 8, some orange and fabric a	A	villa	
20188	26	294	TILE	RO	43	400	mixed types, yellow, orange and a	A	villa	
20189	2	288	TEG	RO	43	400	fabric 8	A	villa	
20189	1	41	TILE	RO	43	400	fabric 8	A	villa	
20237	3	134	TEG	RO	43	400	fabric 8	A	villa	
20237	1	4	TILE	RO	43	400	red	A	villa	
20191	1	407	TEG	RO	43	400	fabric 8	A	villa	
20201	3	286	IMB	RO	43	400	fabric 8	A	villa	
20201	2	201	TEG	RO	43	400	fabric 8	A	villa	
20201	2	48	TILE	RO	43	400	fabric 8	A	villa	
20202	2	313	TEG	RO	43	400	fabric 8	A	villa	
20202	1	39	IMB	RO	43	400	fabric 8	A	villa	
20202	8	246	TILE	RO	43	400	fabric 8, 1 orange sandy, nr fabric a	A	villa	
20209	1	17	IMB	RO	43	400	fabric 8	A	villa	
20209	1	41	TEG	RO	43	400	fabric 8	A	villa	
20209	4	45	TILE	RO	43	400	fabric 8	A	villa	
20227	2	717	TEG	RO	43	400	fabric 8	A	villa	
20228	1	3	TILE	RO	43	400	orange	A	villa	
20233	1	120	TEG	RO	43	400	fabric 8	A	villa	
20233	1	5	TILE	RO	43	400	fabric 8	A	villa	
20238	28	208	TILE	RO	43	400	fabric 8	A	villa	
20238	4	80	IMB	RO	43	400	fabric 8, abraded	A	villa	
20239	3	357	TEG	RO	43	400	fabric 8	A	villa, backfill of gd20400	
20239	7	498	IMB	RO	43	400	fabric 8	A	villa, backfill of gd20401	
20239	46	365	TILE	RO	43	400	mostly fabric 8, 1 or 2 orange	A	villa, backfill of gd20402	
20240	1	53	IMB	RO	43	400	sandy red, some calc carb	A	villa	
20240	17	141	TILE	RO	43	400	mixed, mostly fabric 8	A	villa	
20240	3	323	TEG	RO	43	400	red	A	villa	
20241	1	672	TEG	RO	43	400	orange-red	A	villa	

Context	Count	Weight	Type	Period	Early Date	Late Date	Comments	Area	L/U int	Phase
20241	3	5	TILE	RO	43	400	2 orange, 1 fabric 8 - crumbs	A	villa	
20243	1	60	TEG	RO	43	400	fabric 8	A	villa	
20243	5	52	TILE	RO	43	400	fabric 8 and orange	A	villa	
20047	1	40	IMB	RO	43	400	fabric 8	A	villa	
20250	3	22	TILE	RO	43	400	fabric 8 and orange	A	villa	
20250	1	1	TILE	RO	43	400	brownish	A	villa	
20252	5	812	TEG	RO	43	400	sooted/reduced patches	A	villa	
20288	3	693	IMB	RO	43	400	fabric 8; conjoin	A	villa	
20291	1	84	TEG	RO	43	400	fabric 8	A	villa	
20291	1	98	IMB	RO	43	400	fabric 8	A	villa	
20291	1	8	TILE	RO	43	400	fabric 8	A	villa	
20304	6	788	IMB	RO	43	400	most fabric 8, 1 red (fairly coarse moulding sand)	A	proto-villa; crushed tile surface in s room	2
20304	1	219	TEG	RO	43	400	fabric 8	A	proto-villa; crushed tile surface in s room	2
20307	2	594	IMB	RO	43	400	fabric 8	A	villa	
20311	1	4	TILE	RO	43	400	orange	A	villa	
20341	1	196	TEG	RO	43	400	fabric 8	A	villa	
20343	1	15	TEG	RO	43	400	flange chips	A	villa	
20476	1	124	IMB	RO	43	400	fabric 8	A	villa	
20476	1	7	TILE	RO	43	400	fabric 8	A	villa	
20487	5	255	IMB	RO	43	400	fabric 8	A	villa	
20487	3	431	TEG	RO	43	400	fabric 8	A	villa	
20487	2	57	TILE	RO	43	400	fabric 8	A	villa	

Table 1.12: Thurnham Roman Villa ARC THM 98: Building materials, Context and weights for all the building material not assessed

Context	Weight g	Box No
12101	5000	83
15145	5000	110
12546	6500	100
11641	7000	71
12546	7000	101
12203	6000	87
12361	4000	93
11641	7500	73
15145	8000	106
15145	4000	111
11461	5000	79
15145	75000	108
15145	8000	109
12361	7000	92
15145	8000	107
10935	5500	42
11044	6000	50
10935	6000	46
15272	4500	117
10935	7000	43
10935	65000	33
10935	6500	31
10935	8000	41
10935	7000	28
10935	7000	34
10935	6500	37
10935	6500	44
11461	7000	77
10517	6000	8
10935	6000	38
10461	5500	3B
10609	6500	14
10935	6000	39
10935	7000	40
10604	6500	11
10935	7000	29
10935	6500	36
12546	6000	99
11641	7000	74
11227	7000	59
11641	6500	75
11610	25	69
11616	25	69
11622	50	69
11623	4600	69
12304	550	89
12314	10	89
12320	25	89
12321	10	89

Context	Weight g	Box No
12346	10	89
12350	25	89
12354	25	89
12357	775	89
12358	500	89
12363	2850	89
12366	200	89
12369	1550	89
10349	2150	2
10363	975	2
10372	100	2
10373	475	2
10376	265	2
10386	400	2
10395	50	2
10396	50	2
10397	50	2
10399	25	2
10756	1450	22
10759	500	22
10767	100	22
10769	900	22
10772	1375	22
10775	200	22
10776	25	22
10797	150	22
10798	50	22
10801	650	22
11044	5125	52
11051	200	52
10662	550	18
10665	800	18
10667	200	18
10684	4325	18
11423	1900	67
11441	25	67
11442	700	67
11443	200	67
11455	350	67
11472	600	67
11473	150	67
11490	125	67
11493	25	67
11506	25	67
11510	1775	67
11520	250	67
11526	600	67
15257	4125	115
15260	25	115
15263	525	115
15264	550	115
15267	450	115

Context	Weight g	Box No
15269	750	115
10726	550	21
10727	150	21
10729	750	21
10743	50	21
10749	300	21
10755	150	21
10756	4200	21
10744	400	21
10604	1500	12
10609	1500	12
10616	3500	12
10623	150	12
10625	250	12
11331	2150	65
11332	150	65
11334	50	65
11336	1500	65
11337	25	65
11338	900	65
11341	300	65
11342	150	65
11343	150	65
11344	50	65
11346	300	65
11333	25	65
10508	2000	5
10510	550	5
10517	2550	5
10518	300	5
10527	700	5
15273	125	119
15279	5275	119
11642	800	80
11645	1825	80
11646	250	80
11664	5	80
11666	25	80
11674	25	80
11678	200	80
11681	800	80
11682	400	80
11683	50	80
11685	1025	80
11693	1200	80
11695	200	80
Total	472025	

Table 1.13: Thurnham Roman Villa ARC THM 98: Fired Clay Building Materials: Contexts, counts, weights and identification for the the assessed fired clay

Context	Count	Weight	Type	Period	comments	Area	l/u int	Phase
0	3	126	DAUB OR MUDBRICK?		fine, sandy matrix with abundant organics - ?grass. 1 with flint flecks and flat surface with traces mortar			
10087	1	1	FIRED CLAY?		whitish marly clay; no surfaces			
10147	2	10	FIRED CLAY?		whitish marl; no surfaces			
10196	1	3	FIRED CLAY?		whitish marly clay; no surfaces			
10197	4	19	FIRED CLAY?		whitish marl; no surfaces			
10544	4	70	FIRED CLAY		fine, slightly micaceous, sandy fabric; no surfaces			
10548	1	2	FIRED CLAY?		whitish, abraded.			
10552	3	6	FIRED CLAY		very abraded			
10556	6	36	FIRED CLAY		abraded scraps			
10566	3	14	FIRED CLAY		abraded			
10582	9	48	FIRED CLAY		abraded			
10604	2	154	FIRED CLAY		fine sandy fabric, not micaceous; no surfaces			
10634	1	17	FIRED CLAY?		whitish colour			
10657	41	4	FIRED CLAY		abraded			
10667	2	34	FIRED CLAY/TILE	Roman	sandy marl; 1 frag may be tile, eccles fabric			
10685	3	127	FIRED CLAY		surfaces, but no impressions			
10796	1	23	DAUB		fine, sandy fabric, slightly micaceous; flat ?timber impression			
10836	2	4	FIRED CLAY		abraded scraps			
10857	3	16	VITRIFIED HEARTH?		2 conjoin; prob vitrified daub from hearth, not crucible or mould			
10942	2	1	FIRED CLAY		tiny scraps - abraded			
10943	1	8	FIRED CLAY?		very abraded			
10957	1	6	FIRED CLAY		whitish marl, reduced; no surfaces			
10994	3	3	FIRED CLAY?		2 frags vitrified			
11000	1	3	FIRED CLAY		abraded	D	corndrier & 14-post bldg	
11039	4	6	FIRED CLAY		scraps sandy clay; small, no surfaces.			
11058	1	13	FIRED CLAY?		whitish marl; no surfaces			
11109	200	696	FIRED CLAY?		whitish marl; no surfaces			
11203	1	1	FIRED CLAY?		crumb, abraded	D	corndrier & 14-post bldg	
11219	2	34	FIRED CLAY		abraded - 1 reduced	D	corndrier & 14-post bldg	
11244	1	8	FIRED CLAY?		soft orange with large iron-rich incls	D	corndrier & 14-post bldg	
11317	2	119	FIRED CLAY		organic impressions			
11367	1	17	FIRED CLAY?		yellowish pink marl; no surfaces			
11445	1	24	FIRED CLAY		whitish marl; flat surface			
11486	6	34	FIRED CLAY		marly clay; burnt and reduced. frags conjoin to form convex surface.			

Context	Count	Weight	Type	Period	comments	Area	l/u int	Phase
11574	4	137	FIRED CLAY		burnt black			
11625	1	5	FIRED CLAY?		white marl; no surfaces			
11967	18	76	FIRED CLAY?		whitish marl; no surfaces			
11994	1	3	FIRED CLAY		no surfaces			
12047	7	9	FIRED CLAY?		reduced - yellowish white fabric			
12101	26	107	FIRED CLAY		sandy fabric with some mica; lot of crumbs, no surfaces			
12109	2	18	FIRED CLAY		fine sandy fabric, only sparsely micaceous; no surfaces			
12203	16	163	FIRED CLAY		mixed types; marly, fine micaceous sandy, sandy with occ white flint; no good surfaces			
12239	1	16	DAUB		fine sandy fabric with flint flakes and some iron-rich incls; i smoothed surface.			
12270	1	5	FIRED CLAY		reduced fine clay; no surfaces			
12298	4	5	FIRED CLAY		tiny scraps, no impressions			
12434	1	8	FIRED CLAY		small abraded frag			
12529	2	15	FIRED CLAY		conjoin			
15001	1	45	FIRED CLAY		whitish, organics	C	aisled bldg	
15073	3	22	FIRED CLAY		sandy whitish marl, traces brown micaceous daub on surface; 1 sandy, covered in mortar	C	aisled bldg	
15082	2	12	FIRED CLAY		orange and sandy, mortared	C	aisled bldg	
15106	1	35	FIRED CLAY?		lump of white marl with some brown micaceous clay attached.		aisled bldg	
15126	12	50	FIRED CLAY		most mortared	C	aisled bldg	
15243	1	5	FIRED CLAY		red, fine, sandy	C	aisled bldg	
15283	150	1475	KEYED DAUB	Roman	fine fabric, with mica; most reduced. flat surfaces, some combed; teeth 8mm wide, ?keyed walling		aisled bldg	
15294	5	40	KEYED DAUB	Roman	incl frags with combed ?keying		aisled bldg	
15319	2	9	FIRED CLAY			C	aisled bldg	
15389	2	15	FIRED CLAY			C	aisled bldg	
15391	1	1	FIRED CLAY		mortared	C	aisled bldg	
15395	2	67	DAUB		curved impressions; ?slender wattles, c.15-20mm diam	C	aisled bldg	
15397	1	90	DAUB		curved impressions, ?wattles/posts, c.40-50mm diam.			
20001	1	1	FIRED CLAY?			A	villa	4
20042	1	23	FIRED CLAY?		mortared	A	villa, bldg debris assoc w cons wall 20012	
20044	1	36	FIRED CLAY?		flat surface, mortared	A	villa	
20046	2	8	FIRED CLAY?		mortared	A	villa	
20056	1	5	FIRED CLAY?		abraded and mortared	A	villa	
20057	5	2	FIRED CLAY?		crumbs	A	villa	

Context	Count	Weight	Type	Period	comments	Area	l/u int	Phase
20076	1	37	FIRE CLAY?		orange, mortared	A	villa	
20079	1	30	FIRE CLAY?		mortared	A	villa	
20082	1	3	FIRE CLAY?		scrap, mortared	A	villa	
20087	3	12	FIRE CLAY?		scraps - mortared	A	proto-villa, clay floor	2
20137	1	8	FIRE CLAY?			A	villa	
20168	1	19	FIRE CLAY?		sandy fabric	A	villa	
20174	2	13	FIRE CLAY?			A	proto-villa; fill of dg20400	3
20176	1	15	FIRE CLAY?		sandy brown	A	villa	
20184	2	15	FIRE CLAY?		fine sandy, abraded	A	proto-villa; primary fill of dg20400	2 TO 3

Table 1.14: Thurnham Roman Villa: quantification of the fired clay assemblage by count and weight

Context	Count	Weight	Type	Period	Comments
0	3	126	Daub or mudbrick?		Fine, sandy matrix with abundant organics - ?grass. 1 with flint flecks and flat surface with traces mortar
10087	1	1	Fired clay?		Whitish marly clay; no surfaces
10147	2	10	Fired clay?		Whitish marl; no surfaces
10196	1	3	Fired clay?		Whitish marly clay; no surfaces
10197	4	19	Fired clay?		Whitish marl; no surfaces
10544	4	70	Fired clay	RO	Fine, slightly micaceous, sandy fabric; no surfaces
10548	1	2	Fired clay?	RO	Whitish, abraded.
10552	3	6	Fired clay		Very abraded
10556	6	36	Fired clay		Abraded scraps
10566	3	14	Fired clay		Abraded
10582	9	48	Fired clay		Abraded
10604	2	154	Fired clay	LIA ; RO	Fine sandy fabric, not micaceous; no surfaces
10634	1	17	Fired clay?	RO	Whitish colour
10657	41	4	Fired clay	RO	Abraded
10667	2	34	Fired clay/tile	RO	Sandy marl; 1 frag may be tile, Eccles fabric
10685	3	127	Fired clay	RO	Surfaces, but no impressions
10796	1	23	Daub	RO	Fine, sandy fabric, slightly micaceous; flat ?timber impression
10804	6	30	Fired clay?		Abraded whitish marly scraps
10836	2	4	Fired clay	RO	Abraded scraps
10857	3	16	Vitrified hearth?	LIA ; RO	2 conjoin; prob vitrified daub from hearth, not crucible or mould
10942	2	1	Fired clay	LIA ; RO	Tiny scraps - abraded
10943	1	8	Fired clay?	LIA	Very abraded
10957	1	6	Fired clay	LIA	Whitish marl, reduced; no surfaces
10994	3	3	Fired clay?	LIA ; RO	2 frags vitrified
11000	1	3	Fired clay	PM ; MO	Abraded
11039	4	6	Fired clay	RO	Scraps sandy clay; small, no surfaces.
11039	14	15	Fired clay	RO	Whitish marly crumbs
11058	1	13	Fired clay?	RO	Whitish marl; no surfaces
11109	200	696	Fired clay?		Whitish marl; no surfaces
11203	1	1	Fired clay?	RO	Crumb, abraded
11219	2	34	Fired clay	RO	Abraded - 1 reduced
11244	1	8	Fired clay?	RO	Soft orange with large iron-rich incls
11317	2	119	Fired clay	RO	Organic impressions
11367	1	17	Fired clay?	LIA ; RO	Yellowish pink marl; no surfaces
11445	1	24	Fired clay	RO	Whitish marl; flat surface
11486	6	34	Fired clay		Marly clay; burnt and reduced. Frags conjoin to form convex surface.
11574	4	137	Fired clay	LIA	Burnt black
11625	1	5	Fired clay?	LIA ; RO	White marl; no surfaces
11914	1	14	Fired clay	LIA ; RO	Whitish - reduced
11967	18	76	Fired clay?	LIA	Whitish marl; no surfaces
11994	1	3	Fired clay	RO	No surfaces
12047	7	9	Fired clay?	LIA ; RO	Reduced - yellowish white fabric
12062	1	16	Fired clay	LIA ; RO	Whitish marly crumb
12101	26	107	Fired clay	LIA ; RO	Sandy fabric with some mica; lot of crumbs, no surfaces
12101	17	106	Fired clay	LIA ; RO	Whitish marly clay; no surfaces
12109	2	18	Fired clay	RO	Fine sandy fabric, only sparsely micaceous; no surfaces
12203	16	163	Fired clay	RO	Mixed types; marly, fine micaceous sandy, sandy with occ white flint; no good surfaces
12203	5	30	Fired clay	RO	Whitish marly crumb
12239	1	16	Daub	LIA ; RO	Fine sandy fabric with flint flakes and some iron-rich incls; 1 smoothed surface.
12270	1	5	Fired clay	RO	Reduced fine clay; no surfaces
12298	4	5	Fired clay	RO	Tiny scraps, no impressions
12434	1	8	Fired clay	RO	Small abraded frag
12480	1	3	Fired clay	LIA ; RO	Whitish marly crumb
12529	2	15	Fired clay		Conjoin
15001	1	45	Fired clay	RO	Whitish, organics

15073	3	22	Fired clay	RO	Sandy whitish marl, traces brown micaceous daub on surface; 1 sandy, covered in mortar
15082	2	12	Fired clay	RO	Orange and sandy, mortared
15106	1	35	Fired clay?	RO	Lump of white marl with some brown micaceous clay attached.
15126	12	50	Fired clay		Most mortared
15228	1	9	Fired clay	LIA ; RO	Whitish marly clay; flat burnt surface
15243	1	5	Fired clay	LIA ; RO	Red, fine, sandy
15283	150	1475	Keyed daub	RO	Fine fabric, with mica; most reduced. Flat surfaces, some combed; teeth 8mm wide, ?keyed walling
15294	5	40	Keyed daub	RO	Incl frags with combed ?keying
15319	2	9	Fired clay	RO	
15319	1	15	Fired clay?	RO	Whitish marly lump
15389	2	15	Fired clay	RO	
15391	1	1	Fired clay	LIA ; RO	Mortared
15395	2	67	Daub	RO	Curved impressions; ?slender wattles, c.15-20mm diam
15397	1	90	Daub	RO	Curved impressions, ?wattles/posts, c.40-50mm diam.
20001	1	1	Fired clay?	RO	
20042	1	23	Fired clay?	RO	Mortared
20044	1	36	Fired clay?	RO	Flat surface, mortared
20046	2	8	Fired clay?	RO	Mortared
20056	1	5	Fired clay?	RO	Abraded and mortared
20057	5	2	Fired clay?	LIA	Crumbs
20076	1	37	Fired clay?	RO	Orange, mortared
20079	1	30	Fired clay?	RO	Mortared
20082	1	3	Fired clay?		Scrap, mortared
20087	3	12	Fired clay?	RO	Scraps - mortared
20137	1	8	Fired clay?		
20168	1	19	Fired clay?	RO	Sandy fabric
20174	2	13	Fired clay?	RO	
20176	1	15	Fired clay?	LIA	Sandy brown
20184	2	15	Fired clay?		Fine sandy, abraded
20184	1	6	Fired clay		Whitish marly clay, abraded; no surfaces

Table 1.15: Honeyhills Wood: quantification of the fired clay assemblage by count and weight

Context	Count	Weight grammes	Type	Comments
3502	4	32	Fired clay	<3500> Lumps of greyish, iron-rich clay with white flint flakes. 1 lump has 4 fingernail impressions - done at time of excavation?

Table 1.16: Hockers Lane: quantification of the fired clay assemblage by count and weight

Context	Count	Weight grammes	Type	Period	Comments
24	2	5	Fired clay	LIA ; RO	Whitish clay, abraded scraps
41	2	6	Fired clay	LIA	Orange fabric - scraps
44	7	122	Fired clay	LIA	Whitish clay
63	5	40	Fired clay	RO	4 frags have lot of organics (= [83]); lump grey clay x 1
70	1	9	Fired clay	RO	Whitish clay, abraded scraps
76	2	10	Fired clay	RO	Abraded, no surfaces
83	7	9	Fired clay	RO	Orange fabric - scraps
83	10	217	Fired clay	RO	Artefact? abundant organics, smoothed surface with finger grooves.
177	8	13	Fired clay	RO	Whitish clay, abraded scraps
187	4	35	Fired clay	?	<20> abraded marly clay

Table 1.17: Roman features at Thurnham Roman Villa represented in the scan, by phase and area

Phase	Area	Context	Interpretation
2	A	20087	Proto-villa: floor surfaces
?2	C	15283	Gully pre-dating aisled building
2-3	A	20184	Proto-villa: primary ditch fill (group 20400)
3	A	20174	Proto villa/villa: primary ditch fill (group 20400)
4	A	20042	Villa: structural additions to north-east

Table 1.18: Quantification table for plaster and mortar

Context	Count	Weight	Type	Period	Comments
10015	3	54	Plaster	RO?	Off-white colour; ?stucco moulding
10343	1	8	Mortar		White, with abundant fine, well-sorted sand
10830	4	62	Mortar		Yellow, sandy mortar - no surfaces
11641	38	1225	Mortar	RO	white, with white ?qtz sand; some flat and ?painted surfaces, concave curved frags x 3 – probably roofing mortar
11776	2	17	Mortar		Whitish mortar with abundant medium sand
15037	2	5	Mortar		Crumbs of yellow, sandy mortar
15050	1	256	Mortar		Yellow mortar with reddish coarse sand
15190	3	30	Mortar		Yellow, sandy mortar - no surfaces
15249	1	90	Mortar		Yellow sandy mortar; no surfaces
15272	5	91	Op sig	RO	Small frags; 1 flat surfaced
15301	2	8	Mortar		Crumbs of coarse, sandy mortar
20018	2	37	Mortar		Brownish mortar with coarse reddish sand and rock frags; flat surface
20056	1	19	Op sig	RO	Small frags, 1 flat surfaced
20058	1	194	Op sig	RO	Cbm flecks are mostly red, 1 yellow
20058	1	457	Mortar		Pink mortar with v. coarse qtz sand; some is pink/red - burnt?
20058	3	154	Plaster	RO	1 has red paint on white ground; 2 with abraded white intonaco
20058	19	2080	Mortar		Pale yellow sandy mortar with lime flecks; 1 has flat surface
20058	15	2425	Mortar		Pale yellow mortar with stone rubble (?greensand)
20062	2	22	Mortar		Conjoin; pale yellow sandy; flat face.
20072	56	2560	Mortar		Pale yellow sandy; some flattish faces
20077	10	2777	Mortar	RO	Yellow (M 2.5YR 8/6) with frequent lime inclusions; roofing mortar with imbrex impressions
20077	31	1835	Plaster	RO	White paint on white intonaco over 2 layers backing mortar
20077	165	6817	Op sig	RO	Coarse, with red/orange tile fragments; some mouldings, flat, convex and concave surfaces
20084	50	956	Op sig	RO	Off-white with orange chips; surfaces flat and convex. 50+ frags.
20085	1	4	Op sig	RO	
20131	14	209	Mortar		Yellow, sandy mortar; largest frag has flattened face
20184	26	249	Mortar		Yellow sandy mortar - scraps
20184	22	142	Op sig	RO	Mostly yellow tile in white plaster
20198	1	49	Plaster	RO	White painted wall plaster on coarse red, sandy, backing - burnt?
20201	1	67	Mortar		Red sandy mortar
20241	7	45	Mortar		3 types: yellow sandy; red sandy; light brown sandy with cbm and grog flecks
20243	4	15	Mortar		?2 types: yellow sandy x 3; red sandy x 1 (but may be burnt)

Table 1.19: Distribution of material by area

Area	Data	TYPE			Grand total
		Mortar	Op sig	Plaster	
A (Villa)	Sum of count	157	240	35	432
	Sum of weight	10943	8132	2038	21113
	Percentage of weight	86.5%	98.9%	97.4%	92.0%
B (Temple)	Sum of count	38			38
	Sum of weight	1225			1225
	Percentage of weight	9.7%	0%	0%	5.3%
C (Aisled building)	Sum of count	9	5		14
	Sum of weight	389	91		480
	Percentage of weight	3.1%	1.1%	0%	2.1%
No location given	Sum of count	7		3	10
	Sum of weight	87		54	141
	Percentage of weight	0.7%	0%	2.6%	0.6%
Total Sum of count		211	245	38	494
Total Sum of weight		12644	8223	2092	22959
Total Percentage of weight		100%	100%	100%	100%