

## **The Roman, Medieval and early Post-Medieval Pottery from the Victoria Works, Long Street, Dursley (STGCM 2003.19)**

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### **Summary**

A large collection of medieval pottery, together with a few sherds of Roman date and of post-medieval or early modern date, was recovered from the BARAS excavations at the Victoria Works, Dursley, Gloucestershire. Pottery of later 17<sup>th</sup>-century and later date was not examined by the author, although some sherds were present in earlier deposits through intrusion. Although the site lies close to several sites from which medieval pottery sequences have been established (such as Gloucester, Cirencester, Bristol and Acton Court), a number of wares were present which have not previously been recognised and samples of these were subsequently studied using thin sections and chemical analysis (Vince 2005). This report concentrates on these previously-unknown wares and, where possible refers to other publications for the remainder.

The pottery indicates slight activity on the site during the Roman period but then a gap until the late 11<sup>th</sup> to 12<sup>th</sup> centuries. The main period of pottery deposition took place in the mid 13<sup>th</sup> to mid 14<sup>th</sup> centuries (Period 2/3) with a second period of intense deposition in the mid to late 16<sup>th</sup> century (Period 4). Later phases on the site also produced medieval pottery, probably disturbed from earlier deposits on the site but these residual finds are of similar types to those found in stratified deposits and are not discussed in detail here.

### **Description**

In the absence of a county-wide medieval pottery fabric series the pottery was recorded context by context using the ware classification of the Gloucester City Medieval Pottery Type Fabric Series (abbreviated to Gloucester TF throughout, Vince 1983a and Vince 1983b) with additions where the types found are not represented at Gloucester. The data were recorded in an Access database, a copy of which is deposited with the site archive in Excel spreadsheet format. In that database mnemonic codes are used which differ from the Gloucester fabric numbers and these are cited in capital letters where appropriate (Appendix 1).

Forms were recorded using the Medieval Pottery Research Group dictionary (1998). Notes on the condition, traces of use, typology and decoration of the pottery were made in the database.

### **Prehistoric?**

Three sherds recovered from medieval deposits (two pits and one occupation spread) are possibly of prehistoric date (PREH?). The thickness of the walls and general crudity of manufacture distinguished them from other medieval pottery from the site. However, they were all in a fresher condition than the Roman pottery. They consist of two with limestone inclusions (e.g. Fig. 23.1) and one with a grey sandstone and shelly limestone temper (e.g. Fig. 23.2). If the sherds are not of prehistoric date then they indicate a previously unrecorded use of these two fabrics in the Severn Valley.

Fig. 23.1 The flat-topped rim of a bowl or straight-sided jar. Sooted externally. Moderate subangular limestone inclusions up to 4.0mm across in a silty, micaceous groundmass (4244).

Fig. 23.2 The rim of a jar. Abundant subangular inclusions of bioclastic limestone and a grey, calcareous sandstone, up to 3.0mm across, in a fine-textured groundmass containing sparse muscovite (4304).

### **Roman pottery**

Seven sherds of Roman date were recovered from the excavations (RPOT). All come from Area F and come from the subsoil, garden soil, a layer of dumped soil and two medieval pits. The sherds consist of five sherds of Severn Valley ware (Gloucester TF11), one sherd of a micaceous sandy ware (Gloucester TF5) and one sherd of Oxfordshire colour-coated ware (Gloucester TF9). Although Severn Valley ware was first made in the later 1<sup>st</sup> century the other two fabrics are of mid Roman date, i.e. later 2<sup>nd</sup> to mid 4<sup>th</sup> centuries and as a collection this is the probable date of the pottery. The sherds include one very abraded and two abraded examples whilst the remainder were in reasonably fresh condition.

### **Anglo-Saxon pottery**

Dursley lies in a part of Gloucestershire where pottery of pre-conquest date is rare. Sherds of chaff-tempered ware have been found at a number of sites in the county, mostly to the east of the Jurassic scarp but including sherds from Frocester Court and Frocester church. To the south and west there is no known locally-made pottery in the 5<sup>th</sup> to 9<sup>th</sup> centuries. It is possible that Dursley lay in this aceramic area.

In the late Saxon period new types of pottery were introduced into the Severn valley, but again Dursley may lie in an area where their introduction was late (or non-existent). To the north, pottery was produced in Gloucester in the later 10<sup>th</sup> and early 11<sup>th</sup> centuries (Gloucester TF41a) and was traded to surrounding villages, the closest of which to Dursley is Frampton-on-Severn. To the south, there is no evidence for the use of pottery in the Bristol area until the early 11<sup>th</sup> century (BPT 1 and BPT 2 fabrics) whilst a slightly earlier date

is likely for the earliest late Saxon pottery used at Bath (Bath B). No examples of any of these wares were present, nor were there any sherds from vessels whose fabric or form suggested that they might be previously unknown late Saxon types. Thus, either the Dursley settlement was not using pottery in the late 10<sup>th</sup>/mid 11<sup>th</sup> centuries or the settlement was not occupied at this time.

In the middle of the 11<sup>th</sup> century, pottery production in the town of Gloucester ceased and the inhabitants instead used pottery of two types. Gloucester TF41b (GLOS41B) was probably produced at Haresfield, 8 miles as the crow flies north of Dursley, and was certainly in production before the Norman conquest, since sherds have been found in rubbish pits in Gloucester sealed below the early Norman castle (Hurst 1984). There are few distinguishing features to these early vessels, however, which are typically globular-bodied, sagging based jars with short everted rims. Examples of this type occur at Dursley, but since the form is long-lived it is not possible to say for certain that they are of pre-conquest date. Straight-sided, club-rimmed vessels, however appear to be an early Norman introduction and fell out of fashion in the first half of the 12<sup>th</sup> century. This type is certainly present at Dursley, indicating at least some activity on the site in the later 11<sup>th</sup> to early 12<sup>th</sup> centuries.

The other type found at Gloucester in pre-Conquest contexts is a widely-distributed type, Bath Fabric A (Gloucester TF48, BATHA). The main product of this industry too was the globular, sagging based, everted rimmed jar and here too the form appears to have a long life. Examples of this type too are found at Dursley. Unglazed spouted pitchers decorated on the shoulder with stamps were probably produced in this ware before the conquest, but continue to be made into the 12<sup>th</sup> century. One example of this type was found at Dursley. Here too, there is a hint of pre-Conquest activity and definite evidence for activity in the later 11<sup>th</sup> to early 12<sup>th</sup> centuries.

## **Medieval pottery**

### **Late 11<sup>th</sup> to mid 13<sup>th</sup> centuries**

The majority of the datable medieval pottery from the Dursley excavations is of types which have a long period of use, starting in the later 11<sup>th</sup>/12<sup>th</sup> centuries and extending to the middle of the 13<sup>th</sup> centuries. In several cases there are minor typological differences in the vessels produced during the period but for featureless body sherds only a broad date of manufacture can be given.

In addition, there is a large quantity of pottery from Dursley which is of types which have not previously been recognised, most of which are probably of local manufacture. These have been the subject of thin section and chemical analysis (ICPS, Vince 2005). As a result of these studies, five fabric groups have been defined, here termed Dursley A to Dursley E.

### *Gloucester TF41B*

One hundred and six sherds of Gloucester TF41B were identified at Dursley. They represent at most 100 vessels and weigh 1215gm. The fabric is identifiable through the abundant angular gravel, composed of fragments of oolitic limestone and individual ooliths. The groundmass is micaceous but fine-textured. Unlike Dursley B (see below), the fabric contains little or no red ironstone, nor any shell or fine-grained sandstone fragments.

Typically, the vessels have a dark core, oxidized light brown to red margins and black surfaces. These surfaces were apparently intentionally created by fuming the vessels in a bonfire and are not good evidence for the use of the vessels in cooking. Most of the vessels were, however, used for cooking and deposited on the exterior and interior which reflect this use.

A number of rim sherds were found. Most are of the simple everted, rounded type found in the mid 11<sup>th</sup> century but which was probably produced throughout the 12<sup>th</sup> century. A single club rimmed vessel was recovered (context 4382). Everted rims with a flat-topped thickened top were a later 12<sup>th</sup> and early 13<sup>th</sup>-century introduction and five examples of this type occur. One vessel has the distinctive inturned rim found on early 13<sup>th</sup>-century Malvern Chase vessels and is probably a copy of this type (also context 4382).

A single internally-glazed jar sherd was recovered (context 4467). Glazing is known on this ware in the early 13<sup>th</sup> century.

A single sherd came from a "west country vessel". These vessels look like the top third of a jar and have a flat base which has a distinctive acute base angle (context 4441). It has been postulated that they might be the bases of beehives and most substantial fragments have a single circular hole in the wall which would allow bees to enter and exit the hive.

Fig. 23.3 The flat-topped, slightly everted rim of a globular-bodied jar. Although essentially undatable (within the mid 11<sup>th</sup> to early 13<sup>th</sup>-century date range of this ware), the flat top became more common with time and perhaps indicates a later 12<sup>th</sup> to 13<sup>th</sup>-century date (4261).

Fig. 23.4 The slightly-everted rim of a jar. This rim form seems to be a copy of those used on Malvern Chase jars in the early 13<sup>th</sup> century, thus marking out this vessel as one of the latest products of the Haresfield industry (4261).

### *Bath Fabric A*

Sixteen sherds of Bath Fabric A were identified. The fabric is characterised by the present of polished rounded quartz grains from the lower Cretaceous greensand. Analysis of examples from Acton Court suggests that there are fabric differences within this group, some containing flint, others greensand chert and others fragments of chalk and/or

calcareous algae. The groundmass contains abundant angular quartz and some muscovite up to 0.2mm across. One Dursley sherd was thin-sectioned and this, plus three others, were examined using ICPS. The results confirmed the distinctive nature of the fabric.

The source or, more likely, sources, for this ware must lie along the outcrop of lower Cretaceous clays (the Gault) which runs northeast to southwest through Wiltshire. The closest outcrop of these deposits to Dursley is 20 miles to the southeast whilst Potterne, whose placename suggests pre-conquest pottery production, is 25 miles to the southeast.

The majority of the vessels come from globular jars, with one everted rounded rim present. A single example of a spouted pitcher was identified, however, as a result of the stamping on the shoulder (context 4460).

Fig. 23.5 Everted rim from a globular jar. Sooted exterior. Thin sectioned (sample code V2917). (4441).

Fig. 23.6 Body sherd with wheel-stamped decoration from a spouted pitcher. (4460).

### *Bristol C*

Bristol C ware (BPT2 and BPT10) is known from later 11<sup>th</sup> and early 12<sup>th</sup>-century contexts in Bristol. It contains abundant subangular limestone inclusions and sparse red earthy iron ore inclusions up to 3.0mm across. The limestone includes crinoid stem fragments and is probably of Carboniferous origin. Only one sherd of this ware was recognised at Dursley and has the distinctive cylindrical neck and flat-topped rim of these vessels (Ponsford 1974, Fig 7).

Fig. 23.7 The rim of a globular-bodied jar. (4537)

### *Dursley A*

Dursley A ware has a silty, micaceous groundmass and is tempered with a rounded limestone gravel. In thin section, this could be subdivided into examples where the gravel consists solely of oolitic limestone (similar to that found in Gloucester TF41B) and examples where the limestone is mixed, and includes both bioclastic and oolitic limestones.

Thirty-six sherds were identified, coming from no more than 31 different vessels. Most of these sherds came from handmade, globular-bodied jars and one came from a rod handled vessel. This handle is unglazed (Fig. 23.12) and from its size probably came from a large tripod pitcher or a jug rather than a spouted pitcher. This suggests a mid 12<sup>th</sup> to early 13<sup>th</sup>-century date. The jar rim forms include both similar everted forms (e.g. Fig. 23.8 & 9) and forms which appear to be copies of early 13<sup>th</sup>-century Malvern Chase ware (Fig. 23.10 & 11). This suggests that the industry may have been relatively long-lived, starting in the later 11<sup>th</sup> to mid 12<sup>th</sup> centuries and continuing on into the 13<sup>th</sup> century. Dursley D ware (see below) shares the silty, micaceous matrix but has

a lower limestone gravel content. It may be, however, that the two wares were produced in the same centre, either concurrently or sequentially.

Fig. 23.8 The almost cylindrical neck and rim of a handmade, globular-bodied jar. Externally-sooted. Sample code V2918. (4441).

Fig. 23.9 The everted rim of a jar. (4460).

Fig. 23.10 The rim of a jar, probably imitating those made at Malvern Chase in the early 13<sup>th</sup> century. (4472).

Fig. 23.11 The rim of a jar, probably imitating those made at Malvern Chase in the early 13<sup>th</sup> century. Sooted exterior. (4570).

Fig. 23.12 An unglazed handle, from a tripod pitcher or jug. Sample code V2921. (4558).

### *Dursley B*

Dursley B ware has a similar limestone gravel temper to Dursley A ware but has a fine-textured groundmass. Thin section and chemical analysis confirms the similarity of these two wares, which are, however, distinguishable. Most of the sherds come from vessels with oxidized surfaces and a light grey core.

One hundred and twenty-five sherds of Dursley B ware were recorded, coming from no more than 121 vessels. Most of these sherds came from handmade vessels, but a small number were definitely wheelthrown. Plain lead glaze was present on 8 sherds, mostly in the form of splashes rather than an extensive covering (Fig. 23.28 has a glazed interior base)

Most of the sherds whose form could be determined were from jars (95/103) with examples of a large pancheon or curfew (Fig. 23.29) and a ridge tile. The jar rims mostly come from globular vessels with a rolled-out rim and hooked rim, some showing a large degree of similarity to late 12<sup>th</sup> to early 13<sup>th</sup>-century Minety jars. One example comes from a vessel with a globular body, everted rim with thumbled decoration around the top (Fig. 23.25) and one has a triangular-sectioned rim (Fig. 23.27). These two rims have an earlier appearance than the remainder but it is likely that most of these sherds come from later 12<sup>th</sup> to early 13<sup>th</sup>-century vessels.

Fig. 23.13 Handmade jar with sooting around the outside of the rolled-out hooked rim. (4558).

Fig. 23.14 Handmade jar with a rolled-out, hooked rim. Sample code V2919. (4554).

Fig. 23.15 Handmade jar with rolled-out hooked rim. Black surfaces. (4820).

Fig. 23.16 Handmade jar with everted hooked rim. Sample code V2922. (4570).

Fig. 23.17 Handmade jar with everted hooked rim. Slight sooting on exterior of rim. (4430).

Fig. 23.18 Handmade jar with everted hooked rim. Sample code V2920. (4558)

Fig. 23.19 Handmade jar with everted hooked rim. Sample code V2903. (4489).

Fig. 23.20 Handmade jar with rolled-out, hooked rim. Sooting externally. (4558).

Fig. 23.21 Handmade jar with rolled-out, hooked rim. Sooting externally. (4558).

Fig. 23.22 Handmade jar with everted flat-topped rim. (4558).

Fig. 23.23 Handmade jar with everted, flat-topped rim. (4558).

Fig. 23.24 Small handmade jar with everted hooked rim. Sooted on outside of rim. (4558).

Fig. 23.25 Everted or cylindrical handmade jar rim with thumbed decoration on top. (4261).

Fig. 23.26 The cylindrical rim of a globular-bodied handmade cooking pot. External sooting. (4441).

Fig. 23.27 Everted, triangular-sectioned rim from a handmade jar. Sooted on exterior. (4650).

Fig. 23.28 Sagging base from a handmade jar. Plain lead glazed interior and sooted exterior. (4570).

Fig. 23.29 Rim from a large handmade pancheon or curfew. Two incised grooves below rim. Traces of soot on the interior and top of rim, consistent with its use as a curfew but by no means conclusive proof. (4650).

### *Dursley C*

Dursley ware is characterised by a quartzose, sandstone and ironstone sand with sparse limestone inclusions and a fine-textured groundmass. Thin section and chemical analysis indicate that the sand probably includes quartz conglomerate of Old Red Sandstone age, which outcrops immediately to the west of Dursley, in the Severn Valley, and that the chemical composition of the clay groundmass is similar to that of Dursley B. Like Dursley B, most of the vessels have oxidized surfaces and a light grey core.

Forty sherds of Dursley C were recorded, representing no more than 37 vessels. Almost all of these sherds came from handmade jars, with globular bodies, sagging bases and everted rims. Most of these rims are either infolded or have a

similar profile, suggesting an attempt to copy Malvern Chase products (e.g. Fig. 23.30-34). Flat-topped everted rims (Fig. 23.35) and a squared (clubbed) rim (Fig. 23.36) were also found. These rim forms suggest that most of the vessels are of early 13<sup>th</sup> century date, but leave open the possibility of an earlier origin for the industry.

A single example of a jug, a handmade body sherd with an external copper-mottled lead glaze, was found.

Fig. 23.30 Jar with an inturned rim and external sooting. (4672).

Fig. 23.31 Jar with an everted, squared rim. Sample code V2936. (4650).

Fig. 23.32 Jar with an everted, externally beaded, rim. Reduced light grey and slightly overfired. Sample V2942. (4441).

Fig. 23.33 Jar with everted, infolded and beaded rim. Sooted exterior. Sample V2943. (4460).

Fig. 23.34 Jar with everted, infolded rim. Sample V2932. (4558).

Fig. 23.35 Jar with everted rim. (4661).

Fig. 23.36 Jar with squared or clubbed rim. Externally sooted. Sample V2931. (4280).

### *Dursley D*

Dursley D ware has a silty, micaceous groundmass similar to that of Dursley A. It also contains calcareous inclusions, often bivalve or echinoid shell, but these are less frequent than in Dursley A. The fabric also contains rounded quartz sand absent from Dursley A. The vessels usually have a light grey core and oxidized surfaces. Thin section and chemical analysis confirms the similarity of these two fabrics whilst indicating that there are clear chemical differences between the two.

Forty-nine sherds of Dursley D ware were recorded, representing no more than 36 vessels. Most of these come from handmade, lead-glazed jugs although jars and a pancheon were also present. The pancheon and one jug sherd might have come from wheelthrown vessels.

The jugs were large rounded vessels with simple flat-topped rims, sometimes with an applied thumbed strip below the rim, plain strap handles (varying in width and in one case thumbed on the edges) and sagging, thumbed bases. In one case the thumbing around the base was intermittent. The glaze is usually plain and splashed. Decoration consists of bands of wavy combed lines, vertical brown slip lines (probably applied by smearing with the thumb), or external white slip coating.



All of these typological features suggest an early to mid 13<sup>th</sup>-century date, suggesting that this industry might have been short-lived.

Fig. 23.37 Jug rim and handle. Plain splashed glaze. Sample V2949. (4489).

Fig. 23.38 Jug rim. Plain splashed glaze. Sample V2954. (4570).

Fig. 23.39 Jug rim with applied, thumbled strip below rim. Plain splashed glaze. Sample V2955. (4570).

Fig. 24.40 Jug with undecorated strap handle. Plain splashed glaze. Sample V2947. (4571).

Fig. 24.41 Undecorated strap handle from jug. No sign of glaze. Sample V2961 (4670).

Fig. 24.42 Jug with sagging, thumbled base. Plain splashed glaze. Sample V2960. (4650).

Fig. 24.43 Pancheon rim, possibly wheelthrown. External and partial internal sooting. (4560).

### *Dursley E*

Dursley E ware has a mixed quartz and limestone sand temper and a fine-textured groundmass. It therefore combines features found in several other Dursley fabrics, suggesting perhaps that different raw materials were used in a single centre. Thin section analysis confirms that the quartz sand is similar to that in Dursley C and the limestone sand is similar to that in Dursley A, B and D. Chemical analysis, however, links this fabric more closely with Dursley C.

Three sherds of this fabric were recorded. One comes from the thumbled base of a large, squat jug (No illustratable. Sample V2962) and two come from handmade jars, one with an everted, squared rim (Fig. 24.44). On the basis of this limited evidence, the industry certainly was in existence in the early 13<sup>th</sup>-century date but may have started earlier.

Fig. 24.44 Jar with an everted, infolded, externally beaded rim. External sooting. (4570).

### *Malvern Chase wares*

Six sherds of unglazed Malvern Chase ware (Gloucester TF40, HERB1) were identified. Five of these were rim sherds from jars, which suggests that body sherds may well have been missed. Three of these rims are from handmade vessels with rim forms typical of the early 13<sup>th</sup> century (contexts 4558 and 4650). One comes from a wheelthrown vessel with an inturned rim, typical of the later 13<sup>th</sup> and early 14<sup>th</sup> centuries (context 4650) whilst two body sherds from a different wheelthrown jar came from the same context.

This ware was produced in the Malvern Chase, centred on Hanley Castle, to the north of Upton on Severn and is common found in small quantities on sites in the Severn Valley as far south as Bristol and Chepstow. It is rarely found on sites on the Jurassic ridge, however, and this probably explains the low frequency of the ware at Dursley.

Seventeen sherds of Malvern Chase glazed ware (Gloucester TF52, HERB4) were recorded. In addition to being glazed, this fabric is also distinguished from the unglazed ware by the lower quantity of Malvernian rock inclusions present and by the presence of subangular and rounded quartz sand.

Eight of these sherds come from jars, probably lid-seated tall shouldered vessels of later 15<sup>th</sup> and early 16<sup>th</sup>-century date. Three infolded rim sherds were present, including two joining sherds from different contexts (contexts 4260 and 4666). Three sherds from pancheons were found. These too are likely to be of late 15<sup>th</sup> or early 16<sup>th</sup>-century date. Other forms present include jugs (2 sherds) and the rim of a pipkin (context 4184). The latter has a copper-mottled external glaze and a thumbbed, applied strip around the neck. This form is likely to be 15<sup>th</sup> rather than 16<sup>th</sup> century.

Eight sherds of Malvern Chase pink ware (Gloucester TF52, HERB5) were recorded. This ware is untempered, although large angular Malvernian rock fragments do occur as accidental inclusions. Pancheons are the main form present (4 sherds), followed by jars (2 sherds) and a jug. One of the pancheon fragments has a brown slip under the plain lead glaze. This ware was present in a mid 1530s deposit at Acton Court and was produced throughout the remainder of the 16<sup>th</sup> century. By the mid 17<sup>th</sup> century production had ceased completely. The brown-slipped vessel is likely to be one of the latest products (context 4184).

### *Worcester sandy ware*

A single rim from an unglazed, handmade sand-tempered jar was found (context 4650). The sand grains are rounded and have a moderately high sphericity and dull surfaces, both of which indicate the presence of Triassic sands. The rim form suggests an origin at Worcester in the 12<sup>th</sup> century (Gloucester TF42, HERC1).

### *Minety ware*

Minety ware is the most common ware found at Dursley in the medieval period (Gloucester TF44, MINETY). Five hundred and thirty seven sherds were identified, representing no more than 449 vessels and weighing 9477 gm.

The fabric contains abundant rounded limestone sand, including oolitic limestone, ooliths and echinoid shell and spine fragments. Some of the fragments have a light brown limonite stain. The groundmass is light-coloured and smooth-textured.

Waste from the production of this ware has been found at Minety, in north Wiltshire, 15 miles east of Dursley. This waste is all of late medieval date and it is probable that the industry was more extensive (i.e. perhaps neighbouring villages within a diameter of 3-4 miles), exploiting the medieval forest of Braydon for fuel.

The earliest form found in Minety ware is the tripod pitcher, which occurs in early 12<sup>th</sup>-century deposits in Gloucester. These early vessels have tubular spouts, complex handles formed from two twisted rods of clay with a third wrapped around them and elaborate decoration consisting of applied, triangular-sectioned strips and combing, including the use of combing. Only one sherd of this distinctive type was present at Dursley (context 4668). It is possible that a few of the other tripod pitcher sherds are also from these early tripod pitchers but most are certainly later.

Only one tripod pitcher spout was present, a pulled spout (Fig. 24.45). Similarly, there is only one fragment of handle, a wide, u-sectioned handle with an applied strip down the back decorated with two columns of diagonal slashes. The rim/handle join was secured with stabbed incisions on both the inside and outside of the rim (Context 4558). Seventeen decorated body sherds were present, all decorated with combing. Two designs can be recognised: horizontal lines of wavy combing with straight vertical combed lines over the top; and cross-hatched combed lines (Fig. 24.45-6). A single round-sectioned foot was present (context 4750).

The most common form found is the handmade jar. These vessels have a globular body, sagging base and a moulded rim, some of which appear to have been formed using a template which cuts into the shoulder (although this could probably be achieved quite easily using a knife and a turntable). These vessels have a plain lead glaze on the inside of the base and on the inside of the rim, with only dribbles of glaze on the body. The body is usually decorated with combed lines and in some cases the Dursley examples are complete enough to indicate the layout of the decoration. The most common designs consists of slightly slanting vertical combed lines running from the shoulder to the girth (Fig. 24.47-8), horizontal lines of wavy combing on the shoulder and crosshatched combing.

Evidence from Gloucester suggests that this form is of late 12<sup>th</sup> and, especially, 13<sup>th</sup>-century date, contemporary with the majority of the tripod pitcher sherds.

Later medieval Minety wares were thrown on the wheel. One hundred and ninety-nine sherds of wheelthrown vessels were identified (there are in addition many sherds which cannot be reliably assigned to either hand or wheel manufacture). Most of these sherds come from jars with similar but thinner and more refined forms to those of the handmade vessels (Fig. 24.49-50).

Only three of these wheelthrown jar sherds were decorated, with horizontal wavy combed lines (context 4441), vertical

combed lines (context 4668) and diagonal combed lines (context 4692).

The transition from handmade to wheelthrown jars is not closely dated at Gloucester, since it corresponds to a period in which Minety wares are uncommon. The wheelthrown vessels there occur mainly in later 14<sup>th</sup> to early 16<sup>th</sup>-century deposits.

Twenty-three sherds of wheelthrown jugs were recorded. Most were undecorated, externally glazed body sherds but examples with vertical combed line decoration (contexts 4670 and 4672), a thumbed cordon around the girth (context 4606), and with thumb impressions at intervals around the base (contexts 4430, 4441, and 4672) were found. A strap handle, inserted through the rim and decorated with two vertical lines of knife-cut stab marks, was found (context 4666).

Wheelthrown jugs are also mainly a late medieval form at Gloucester but were probably being produced in the later 13<sup>th</sup> and early 14<sup>th</sup> centuries as well.

Six sherds from wheelthrown bowls were recorded. One of these is the rim of a vessel with straight sides and a flat top (Fig. 25.51). The vessel has sooting on the exterior and is unglazed. Two of the remaining sherds have no sooting and an internal glaze.

Three sherds from pancheons were recorded. These vessels are probably of late medieval or early post-medieval date (i.e. late 15<sup>th</sup> to 16<sup>th</sup> century). Two of the sherds are glazed inside and out.

A possible sherd from a cistern was identified (context 4430). The vessel is of the wide-mouthed jar form, similar to those produced in Malvern Chase in the late 15<sup>th</sup> and 16<sup>th</sup> century.

Sherds from Minety ware ridge tiles were included with the pottery and are a later 13<sup>th</sup>-century and later product.

Fig. 24.45 Handmade tripod pitcher with a pulled spout, deep grooves around the neck and cross-hatched combing on the body. (4650).

Fig. 24.46 Handmade tripod pitcher with cross-hatched combing down to the girth and horizontal wavy combing below. Interior leached. Sample V2975. (4650).

Fig. 24.47 Handmade jar with diagonal combing on upper body. Plain glaze on inside of rim. (4650).

Fig. 24.48 Handmade jar with diagonal combing on upper body. Plain glaze on inside of rim. Sample V2980. (4692).

Fig. 24.49 Wheelthrown jar with everted, bifid rim. Unglazed. Slight sooting on exterior of rim. Sample V2971. (4544).

Fig. 25.50 Wheelthrown jar with everted, bifid rim. Plain glaze on inside of rim. External sooting. Sample V2972. (4558).

Fig. 25.51 Wheelthrown bowl. Straight-walled unglazed vessel with sooted exterior. (4650).

### *Ham Green ware*

Ham Green ware is handmade and produced from a coal-measures whiteware clay tempered with a mixed quartzose and calcareous sand. Typically, the fabric contains unburnt carbon and is dark grey.

Six sherds of Ham Green glazed ware were present (Gloucester TF53, HG). Copper is probably present in the glaze in four examples. Continuous horizontal grooves are present on the bodies of three vessels. These features suggest that the vessels are Ham Green B jugs, of later 12<sup>th</sup> to mid 13<sup>th</sup>-century date.

### *Newbury B ware*

A single sherd of Newbury B ware (Vince 1997, 51-2, Figs.29, 33 and 34; NBYB) was identified by eye and confirmed by thin section and chemical analysis (Vince 2005). This ware contains a rounded quartz and angular flint temper with numerous rounded voids, which probably containing fragments of calcareous algae. The distribution of the vessels indicates a source in the Kennet Valley but they are found over a wide area, from the mid 12<sup>th</sup> to the 14<sup>th</sup> or 15<sup>th</sup> centuries.

The sherd comes from bowl or frying pan with an inturned rim, a common form in Berkshire (e.g. Vince 1997, Fig 34 No.55) but rare in the Severn Valley (context 4566).

Fig. 25.52 Rim from a handmade, inturned-rim bowl. Sample V2981. (4556).

### *Unsources glazed ware*

A body sherd from a handmade glazed vessel, probably a tripod pitcher, was found (Gloucester TF50, MEDX). The sherd, from context 4650, contains angular fragments of flint and rounded, polished quartz grains, both of which indicate a source to the southeast of Dursley. The vessel is likely to be of later 12<sup>th</sup> or early 13<sup>th</sup>-century date. A thin section and chemical analysis were undertaken (Vince 2005, V2935) but neither pinpointed the source any closer.

### *Worcester glazed ware*

Twenty-five sherds of Worcester glazed ware were recorded (Gloucester TF90; WORCS). This ware is tempered with a subangular quartz sand, similar to but finer than the Worcester sandy ware.

One sherd from a handmade, glazed jar was present (context 4570). Such vessels are found in Gloucester but are rare in comparison to the wheelthrown glazed jugs although they appear to be of similar, early to mid 13<sup>th</sup>-century date.

The remaining sherds are from wheelthrown jugs. Two rim sherds were present, both of the devolved collar rim form (contexts 4668 and 4672), and two handles (contexts 4558 and 4672), both strap handles with a sub-rectangular cross-section. Most of the sherds are featureless body sherds with a copper-stained external glaze. Three sherds have widely-spaced horizontal groove decoration (contexts 4557, and 4669). Two sherds have roller-stamped decoration (contexts 4704 and 4649) and two have traces of white slip dribbles on the interior, evidence for the presence of a wash of white slip around the inside of the rim in imitation of contemporary French whitewares.

Worcester jugs appear to have been made from the early 13<sup>th</sup> century through to some point in the 14<sup>th</sup> century. However, it is rare to find any sherds outside of Worcester later than c.1250.

Fig. 25.53 The rim and strap handle from a jug. White-slipped inside and out. Stabbed decoration on the handle and rim/handle join and plain external glaze. (4762).

Fig. 25.54 The sagging based of a jug with thumbled frill and plain external glaze. The fabric contains sparse rounded calcareous inclusions but thin section and chemical analysis suggests a Worcester source (Vince 2005, V2963).(4441).

### *Gloucester TF110*

Two sherds from jars of Gloucester TF110 were recovered (context 4570 and 4353). The fabric contains fragments of a sandstone with calcareous cement and has been shown through distribution analysis to have been produced in the middle Wye valley, and is common on sites between Monmouth and Ledbury. A thin section and chemical analysis confirmed the identification of this vessel (Vince 2005, V2892). This ware was probably first produced in the early 13<sup>th</sup> century and continued in use into the 14<sup>th</sup> or 15<sup>th</sup> centuries.

### *Hereford Fabric A7B*

Forty sherds of Hereford Fabric A7B were recorded (Gloucester TF54). They come from no more than 37 vessels and weigh 662 gm. The ware contains abundant quartz and muscovite silt up to 0.1mm across with no larger inclusions. It was produced at centres in Herefordshire (and possibly Gwent) from the mid 13<sup>th</sup> to the mid 14<sup>th</sup> century, with the possibility of production continuing on a smaller scale into the late medieval period. Given the frequency of this ware are Dursley, it is possible that it was also being produced in south Gloucestershire, where an inlier of Palaeozoic strata, including siltstones and mudstones, occurs around Thornbury (Kellaway and Welch 1948).

Apart from a single fragment of glazed ridge tile, the sherds all come from jugs. In most cases the overall form of the

body was impossible to determine, but in one case the sherd appears to come from a 'triple decker' jug, a highly-decorated type with two carinations (context 4571). Another sherd comes from a vessel with a globular body and cylindrical neck (context 4581, Fig. 25.55).

A vessel with a devolved collar rim and bridge spout comes from context 4626 (Fig. 25.56). Another bridge-spouted vessel had the added clay of the spout delineated with a roller-stamped band (context 4556). The other rim sherd comes from a vessel with an everted rounded rim and pulled spout (context 4441). This vessel might be later 13<sup>th</sup> or 14<sup>th</sup> century in date. Three handles were recorded. One was a rod handle from a vessel with a possible biconical body (and therefore perhaps of later 13<sup>th</sup> or 14<sup>th</sup>-century date, context 4661), and two were from strap handles one of which had a vertical line of diagonal knife slashes down the back (context 4650) whilst the other had a similar line between two vertical grooves (context 4581). The latter form is typical of 14<sup>th</sup>-century Bristol products. Five base sherds were found. Three come from vessels with continuous thumb impressions around the sagging base (contexts 3177, 4626, and 4650), one comes from a vessel with a raised footring (context 4558) and the fifth comes from a vessel with a flat base.

Six decorated body sherds were recorded. Four have applied strips which were tempered with hammerscale, causing them to blister and turn dark purple after firing (contexts 4435, 4489, 4558, and 4650), and one has applied white slip lines, applied as a thin smear of slip (context 4650). One sherd has both types of applied strip present (context 4570).

Fig. 25.55 The rim of a jug with a cylindrical neck and triangular rim. External plain glaze. (4581).

Fig. 25.56 The rim and bridge spout of a jug. External plain glaze. (4626).

### *Southeast Wiltshire ware*

A single sherd from a Southeast Wiltshire tripod pitcher was identified, from context 4261. The vessel has a copper-mottled glaze, indicative of a late 12<sup>th</sup>-century or later date, and may have been produced on a wheel. It is decorated with cross-hatched combed lines. It is likely that this vessel was produced at Laverstock prior to the inception of production of the highly-decorated fineware in the mid 13<sup>th</sup> century (Musty and Ewence 1969).

### Mid 13<sup>th</sup> to mid 14<sup>th</sup> centuries

Many of the industries which supplied Dursley with pottery in the later 12<sup>th</sup> and early 13<sup>th</sup> centuries continued to do so in the later 13<sup>th</sup> century and later, sometimes with a change in typology and sometimes with changes in the manufacturing methods (in particular the adoption of the potter's wheel in the Malvern Chase and Minety industries). A few new types

are found, however. All of these are regional imports, coming from production centres 20 miles or more distant from Dursley. However, even allowing for the continuity of earlier traditions, there is still very little pottery of this period from the site.

### *Gloucester TF99*

A single sherd of Gloucester TF99 was present. This ware is found in small quantities in later 13<sup>th</sup> and 14<sup>th</sup>-century deposits in the city and no source has been found. The fabric is light-firing with quartz and calcareous inclusions but does not seem to be a Coal Measures clay. The sherd is a featureless jug body sherd with an external copper-mottled glaze and comes from context 4544.

### *Bristol ware*

Fourteen sherds of medieval Bristol ware were recovered from the site (Gloucester TF92, BR). This fabric is sand-tempered and light-firing, being made from Coal Measures whiteware clays, similar to those used at Ham Green. Pottery was clearly being produced at several sites in the suburbs of Bristol and it is not yet clear whether differences in appearance and fabric can help distinguish the various production sites.

Nine sherds come from jugs, all of which have a copper-mottled glaze. One rim is present, from a vessel with a devolved collar rim, a bridge spout and ring and dot stamped decoration (context 4304). A single plain strap handle, 35mm wide, was present. This handle was thrown on the wheel, in the manner of southwestern French jugs, and applied to the body with two thumb impressions (context 4651). Three of the body sherds were decorated. One has widely-spaced horizontal grooves (context 4650) and two come from vessels with applied curvilinear decoration, in self-coloured and red-firing clays (contexts 4556 and 4650).

Two sherds come from small dishes or condiments with internal glaze (plain in one case, copper-mottled in the other). Both have flat bases (contexts 4430 and 4259). Three sherds from a pipkin with a globular body, short everted rim and pulled spout were recovered. The vessel had a copper-mottled glaze inside and out (Fig. 25.57).

The Bristol industry seems to have started in the mid 13<sup>th</sup> century and continues to the 15<sup>th</sup> century. However, several of the sherds present at Dursley are typical of the earliest phase of the industry whilst only the plain strap handle might be a later medieval product.

Fig. 25.57 The rim of a small pipkin with internal and external copper-mottled glaze. (4650).

### *Nash Hill wares*

Eleven sherds of probable Nash Hill wares were recovered. The Nash Hill production centre is on the outskirts of Lacock,



Wiltshire, 19 miles to the southeast of Dursley (McCarthy 1974; Griffiths and Robinson 1991). The fabric of Nash Hill products is characterised by the presence of well-rounded quartz grains, often coated in red haematite. These are probably derived from a lower Cretaceous sandstone.

Floor tiles made in the same centre have been dated to the later 13<sup>th</sup> century but it is likely that the pottery industry predated the tile production, and probably continued later (although this is as yet unproven). All the sherds come from jugs. One rim sherd was found, from a vessel with a bridge spout and a flat-topped, thickened rim (context 4558). One sherd comes from near the base of a baluster jug with thumbing around the base (context 4650). Four of the body sherds are decorated: One has horizontal combed lines (context 4650); one comes from a vessel with complex decoration consisting of hammerscale-tempered applied strips and pellets combined with combing (context 4650); one has applied white-firing strips (context 4650) and one comes from the corrugated neck of a vessel with copper-mottled glaze over a white slip inside and out (context 4353).

Most of these sherds are probably of late-13<sup>th</sup> to 14<sup>th</sup>-century date and share many similarities with the Laverstock products of southeast Wiltshire. It may be significant that the floor tiles produced at Nash Hill are of the Wessex School and that these tilers may have moved from Laverstock to Nash Hill.

#### *Laverstock ware*

Three sherds of Laverstock ware were found at Dursley (Musty and Ewence 1969). All probably come from the same vessel. They have a distinctive fabric which contains tabular ironstone fragments, pellets of white clay and polished rounded quartz grains. This is not the fabric of most Laverstock products, which have a fine, sandy fabric, but is the fabric of the Clarendon Palace floor tiles, produced in the 1250s on the royal palace site, within a mile or so of Laverstock.

The vessel has combed line decoration and a copper-mottled glaze. Two of the sherds, from context 4672, are coated with an iron-rich deposit and have been burnt after breakage. The remaining sherd comes from context 4650.

#### Late 14<sup>th</sup> to 15<sup>th</sup> centuries

There is no pottery present on the Dursley site which must date to the later 14<sup>th</sup> or 15<sup>th</sup> century although some of the wares which occur in the earlier and later periods were in production during this period. At the very least there was a lull in deposition but it is quite possible that there was a period of abandonment.

#### **Late medieval/transitional pottery**

#### Early to mid 16<sup>th</sup> centuries

### *Coarse Border ware*

A single sherd from a Coarse Border ware lobed cup was recorded from context 3176 (Pearce and Vince 1988; CBW). Coarse Border ware was produced at sites on the Surrey/Hampshire border and forms the majority of the pottery used in London in the later 14<sup>th</sup> to early 16<sup>th</sup> centuries. The vessel had a plain lead glaze on the inside and a copper-mottled glaze on the exterior. Such vessels were produced from the late 14<sup>th</sup> to the early 16<sup>th</sup> centuries and at present there appears to be no means of dating examples within this bracket.

### *Tudor Green ware*

Three sherds of Tudor Green ware were recorded (Gloucester TF65, TUDG). They come from at most two vessels. Two of the sherds come from a carinated vessel (context 4587) and all three have a copper-mottled glaze inside and out.

Tudor Green ware was also produced at sites on the Surrey/Hampshire border. The earliest products are lobed cups, found in the early 15<sup>th</sup> century in London, but production continued into the 16<sup>th</sup> century although by the end of the century thin-walled vessels were being produced in the slightly coarser Border ware fabric. The carination on the Dursley vessel probably indicates an early 16<sup>th</sup>-century date.

### *Sandy Minety ware*

Twelve sherds of sandy Minety ware were recorded (Gloucester TF44V, SANDY MINETY). This ware is uncommon and appears to be transitional between the Minety industry and the Ashton Keynes industry, based in the neighbouring village. The fabric has the light-coloured, calcareous body of Minety ware with the fine quartz sand temper of Ashton Keynes ware. The vessels have a plain lead glaze.

The sherds probably come from three vessels. One of these, a large pancheon (Fig. 25.58), is represented by large fresh sherds recovered from contexts 4304, 4324 and 4325. Sherds from a flanged bowl were recovered from contexts 4581 and 4586 and a sherd from a jar with a flat base was recovered from context 4568.

It is likely that this ware was produced for a short period of time in the early to mid 16<sup>th</sup> century.

Fig. 25.58 Pancheon with a flanged rim decorated with a wavy grooved line. Internal plain lead glaze. (4304, 4325, 4324).

### *Cistercian ware*

Ten sherds of Cistercian ware were recorded (Gloucester TF60). All come from small, brown- or purple-glazed cups,

mostly in a fabric with no sign of any inclusions over 0.1mm. One sherd comes from a vessel with a globular body and flaring rim (context 4648) and one from a vessel with a globular body and a cylindrical neck (context 4229). Three of the sherds have glaze only on the external surface and these might come from small jugs or costrels rather than cups.

Cistercian ware was introduced to the Severn Valley in the mid 16<sup>th</sup> century, and is present by the 1530s. The vessel with the cylindrical neck is likely to be of this date. However, it continued to be made into the later 16<sup>th</sup> or very early 17<sup>th</sup> century, overlapping with the blackware cups which can be seen typologically as successors to this tradition.

### *Martincamp ware*

A single sherd from a white earthenware flask, Hurst's Type I, was found (Gloucester TF105; Hurst, Neal, and van Beuningen 1986, 102-4, Fig 47 No.142). These vessels are known generically as Martincamp ware, after the production site in the Paris basin where grey stoneware and red earthenware flasks were produced. There is, however, less clear evidence for the source of the white earthenware, which is found in mid 16<sup>th</sup>-century assemblages in England. The Dursley sherd comes from context 4476.

### *Italo-Netherlandish Maiolica*

The simple rounded rim of a maiolica bowl was recorded from context 4581 (Gloucester TF62, SNTG). The decoration and simple profile are paralleled both in central Italy and at Antwerp, where Italian potters started the first northwest European maiolica industry in the very early 16<sup>th</sup> century. The decoration is floral and is executed in light and dark blue paint. Vessels of this type were present at Acton Court in the mid 16<sup>th</sup> century but the presence of an example at a seemingly low status settlement at Dursley is remarkable. Thin section showed that the vessel contained very little visible quartz whilst the chemical composition was most similar to vessels analysed by the British Museum and made at Amsterdam (Vince 2005, V2982).

Fig. 26.59 Rim of hemispherical bowl with internal blue decoration. Sample V2982. (4581).

## **Post-medieval pottery**

The transition from medieval to post-medieval pottery in the Dursley area seems to have been quite sharp and took place around the middle of the 16<sup>th</sup> century. Industries which had been in existence for several hundred years either ceased (as at Minety) or adopted different fabrics and forms (as at Malvern Chase). Meanwhile a range of new wares were introduced. In some cases (as at Ashton Keynes and Border ware) they can be seen as a continuation of an earlier industry whilst others appear in areas with no previous history of pottery production. For the purposes of this assessment, a terminal date of c.1650 is used

although for these local wares there is no break at this point. However, it does mark the start of large-scale slipware production at Bristol and in Staffordshire which eventually lead to the centralisation of production at large urban factories.

### Late 16<sup>th</sup> to early 17<sup>th</sup> centuries

One hundred and twenty-one sherds of pottery of later 16<sup>th</sup> to mid 17<sup>th</sup>-century date were recorded from Dursley. The majority of these were produced at Ashton Keynes, 17 miles east of Dursley, with a handful of sherds from other regional production centres, such as the south Somerset industry (at least 35 miles south of Dursley), Stroat (11 miles west of Dursley, but on the west bank of the Severn), the Welsh Borderland (where the nearest known sources are at least 20 miles to the west of Dursley, and again on the west bank of the Severn), and the Surrey/Hampshire border. A few sherds of tin-glazed ware might come from Bristol or London whilst two sherds of Frechen stoneware, from the middle Rhineland, are also present.

### *Ashton Keynes ware*

One hundred sherds of Ashton Keynes ware were recorded, representing no more than 92 vessels and weighing 2175 gm (Gloucester TF80, AK). Ashton Keynes ware is tempered with a fine quartz sand, with rare ironstone and calcareous inclusions often several mm across. The groundmass is fine-textured and red-firing. Most vessels were glazed with a plain lead glaze.

The majority of the material found (45 sherds) come from bowls, most of which are straight-sided, cylindrical vessels with an internal glaze. Other relatively common forms present are jars (9 sherds), pancheons (9 sherds), pipkins (8 sherds), and chamber pots (8 sherds including disputable examples). Single examples of costrels (Fig. 26.62), chafing dishes (Fig. 26.60), cups, dripping dishes (Fig. 26.61), flanged bowls, lids (Fig. 26.63), ridge tiles, and tankards were identified. In addition, a number of sherds could not be assigned to a precise form.

At Gloucester, it seems that the flanged bowl form is early, perhaps of mid 16<sup>th</sup> century date, whereas there is no evidence for any chronological progression in the remaining forms until the later 18<sup>th</sup> century, when flowerpots were produced. Thus, without other evidence, deposits containing Ashton Keynes ware can only be dated to the later 16<sup>th</sup> to mid 18<sup>th</sup> centuries. However, associated wares suggest that most of the sherds catalogued here are of later 16<sup>th</sup> and early 17<sup>th</sup> century date.

Fig. 26.60 Pedestal base from a chafing dish. This has been thrown as one with the body (presumably with an added base to retain the coals) and the base subsequently removed and knife-trimmed. (4568).

Fig. 26.61 A dripping dish. Probably of rectangular shape with pouring lips at the ends, similar to Low Countries examples. (4568).

Fig. 26.62 A small standing costrel with two suspension lugs on either side of the neck. The small size might suggest it was used as a powder flask rather than a costrel, unless it was intended to hold a distilled spirit. (4382).

Fig. 26.63 An unglazed lid or dish. Sooted on the inside and spalled on the outside. Similar lids were used on 16<sup>th</sup>-century Malvern Chase jars. (4571).

### *South Somerset ware*

Six sherds of South Somerset ware were identified at Dursley (Gloucester TF57, SSOM). This ware is similar in appearance to Ashton Keynes ware although it is slightly finer in texture and contained muscovite laths absent from Ashton Keynes ware. There is little difference in fabric between the products of the Donyatt area (just west of Ilminster) and those of Wanstrow, which is closer (between Shepton Mallet and Frome) but the forms of the vessels at Dursley suggests that they are Donyatt products, perhaps shipped by boat along the north Somerset coast to Bristol and thence carried overland to Dursley.

Sherds of a jug with a white slip band, decorated with scratched vertical lines were recovered from context 4587. This form appears to be amongst the earliest South Somerset ware products known, probably of later 16<sup>th</sup>-century date. Another jug sherd was recognised in context 3170.

The other South Somerset vessel from the site is a sherd from a dark green-glazed cup from context 4229. This type too is of 16<sup>th</sup>-century date.

### *Stroat ware*

Four sherds of Stroat ware were identified at Dursley, weighing in total 109 gm (Gloucester TF97, STROAT). Stroat ware was produced in the late 16<sup>th</sup> and early 17<sup>th</sup> centuries at Stroat, on the Chepstow to Gloucester road and was presumably distributed by boat, since it occurs with some frequency at sites in the Severn Valley, on both sides of the river. The fabric contains sparse quartzose grits (including Carboniferous sandstone fragments) in a fine-textured groundmass.

The four vessels found are: a bowl or pancheon with a knife-trimmed base (context 4276), a chafing dish (context 4430), a colander with an internal white slip (context 4496) and a hemispherical bowl or more likely the rim of a wide-mouthed jar (Fig. 26.64).

Fig. 26.64 The rim of a wide-mouthed jar, or possibly a bowl. The vessel has a glossy internal plain lead glaze and a

thinner external glaze, thinning out from the rim downwards. Decorated with two deep grooves. (4581).

### *Welsh Borderland wares*

Three sherds of post-medieval Welsh borderland wares were found at Dursley (Gloucester TF54, HERA7D). This ware contains no visible inclusions over 0.1mm across and was produced at numerous small centres in Gwent, Herefordshire and Gloucestershire west of the Severn in the later 16<sup>th</sup> and 17<sup>th</sup> centuries.

Two sherds come from small cups, similar to Cistercian ware vessels (contexts 4205 and 4581) and one comes from a black-glazed jug with a cylindrical neck and cordon at the neck (context 4586). The jug form suggests that it is copying mid to late 16<sup>th</sup>-century stoneware forms.

### *Border ware*

Two sherds of Border ware were recorded at Dursley, both from context 4332 and both from mugs (Gloucester TF59; Pearce 1992). The first sherd is from a vessel with a rounded rim, with a groove just below the rim, and a rod handle. This appears to be a copy of mid 16<sup>th</sup>-century and later Rhenish stonewares (such as Cologne and Frechen stoneware). The groove below the rim may have been to enable a metal lid to be attached, as is the case with the stoneware vessels. The second sherd is from a mug with crushed quartz fragments pressed into the body of the pot. This form is discussed in some detail by Jeremy Haslam in his report on the Cove kiln, Hampshire, where they are dated to the second quarter of the 17<sup>th</sup> century (Haslam ).

### *Tin-glazed wares*

Four sherds of tin-glazed ware were recovered (Gloucester TF62, excluding the Italo-Netherlandish vessel previously described). The fabric of these vessels contains abundant subangular quartz sand in a calcareous groundmass and visually it is not possible to distinguish the products of the various late 16<sup>th</sup> to mid 18<sup>th</sup>-century low countries production sites from English sources, such as London, Norwich and Brislington.

One sherd comes from a charger, with a lead-glazed underside and tin-glazed upper surface. The vessel has blue painted decoration (context 4229). This form was produced in London from the late 16<sup>th</sup> century and in Brislington from the mid 17<sup>th</sup> century. By the 1660s, however, such vessels were glazed with tin-opacified glaze on both surface. A similar sherd came from context 4430 except that it also has painting in thin purple lines on the interior. A counter from context 4298 was cut from a tin-glazed bowl with blue decoration (Fig. 26.65). The fourth vessel was a chamberpot, with no decoration and tin glaze on both inside and out. The latter form was produced from the mid 17<sup>th</sup>-century onwards but without a rim it is not possible to date more precisely than mid 17<sup>th</sup> to mid 18<sup>th</sup> century.

Fig. 26.65 A counter crudely chipped from a bowl with internal and external blue decoration. (4298).

### *Frechen stoneware*

Two sherds of Frechen stoneware were present (Gloucester TF68C). Both come from drinking jugs, also termed mugs, with a globular body, moulded footring and cylindrical neck, with a cordon at the neck angle. The two sherds, both from context 4324, could date from the mid 16<sup>th</sup> to the mid 17<sup>th</sup> century and have no typological features which would allow a closer date.

### *Post-medieval regional import?*

A sherd of a redware vessel with an external white slip and copper-green glaze was recovered from context 4571 (PMEDX). The vessel may have been a costrel. White-slipped, green-glazed red earthenwares were produced in the low countries and at various sites in eastern England but this particular example is not immediately recognisable.

## Stratigraphic context

### **Area B**

#### Period 5

Seventeen sherds were submitted from four contexts in Area B, all of which were phased as Period 5 (late 17<sup>th</sup> and 18<sup>th</sup> centuries). The sherds, therefore are likely to be residual.

Pit 3179 (context 3177) produced a single sherd of mid-13<sup>th</sup>- to 14<sup>th</sup>-century date.

Most of the sherds are associated with the construction of the stone building (contexts 3170, 3176 and 3185) and these include a collection of fresh mid 16<sup>th</sup>-century sherds together with sherds of Staffordshire/Bristol press-moulded combed slipware and mottled ware.

### **Area F**

#### Period 1

A single sherd of Roman pottery was recovered from the subsoil, context 4699. It is of Oxfordshire colour-coated ware and is likely to be of later 2<sup>nd</sup> to 4<sup>th</sup>-century date.

#### Period 2

Eight hundred and twelve sherds were recovered from deposits assigned to Period 2 (Table 00).

Context 4603, a layer of dumped material, produced a sherd of Roman pottery and two sherds of locally-made ware (Dursley A and B), and the latter sherds provide a late 11<sup>th</sup>-century or later deposition date.

A layer of redeposited natural, 4651, produced four sherds which could form a mid 13<sup>th</sup>-century assemblage with a single sherd of mid 16<sup>th</sup>- to early 17<sup>th</sup>-century date. The latter is presumably intrusive.

The remaining pottery from this Period either comes from garden soil or from the backfills of various features:

The garden soil produced 93 sherds, from five contexts (Table 1). All but 6 of these sherds are earlier than the mid 14<sup>th</sup> century and include one sherd of Roman date. The majority could date to the mid/late 13<sup>th</sup> century. The six later sherds are all of mid/late 16<sup>th</sup>-century date.

*Table 1*

cname	4441	4566	4581	4626	4698	Grand Total
BATHA	3					3
BR	1					1
CSTN	1					1
DURSLEY A	7	4				11
DURSLEY B	23				1	24
DURSLEY C	1	1				2
GLOS41B	8	1		4		13
HERA7B	3		3	2		8
HERA7D			1			1
HG	1					1
MINETY	17	1	1			19
NBYB		1				1
RPOT		1				1
SANDY MINETY			1			1
SNTG			1			1
STROAT			1			1
TUDG		1				1
WORCS	3					3
Grand Total	68	10	8	6	1	93

Beamslot 4243 produced ten sherds in total, of which one is possibly prehistoric and the remainder potentially of late 11<sup>th</sup> to 12<sup>th</sup>-century date, including 4 locally-made wares (Dursley A and B).

The remaining features include one stone-lined feature, 4551, which produced one sherd of Dursley B ware, and a series of pits. One of the pits, 4657, produced sherds which might be



of early 13<sup>th</sup> century date, but the assemblage is quite small and all the others bar one contain predominantly types of early 13<sup>th</sup>-century or later date together with sherds of mid to late 13<sup>th</sup>-century type. The exception is pit 4490 which produced an assemblage of mid/late 16<sup>th</sup>-century character (albeit only 4 sherds, but each of which is of a mid/late 16<sup>th</sup>-century type).

It seems, therefore, that the Period 2 pits and the associated garden soil are related to a single short-lived phase of occupation in the mid/late 13<sup>th</sup> century with the exception of the beam slot, 4243, which could be considerably earlier and pit 4490, which is of mid/late 16<sup>th</sup>-century date. A small collection of mid/late 16<sup>th</sup>-century pottery was also present in the garden soil assemblages, presumably through contamination from later activity.

### Period 2 to 3

Two garden soil assemblages were assigned to Period 2 to 3. Context 4382 produced a mixture of 13<sup>th</sup>-century and mid/late 16<sup>th</sup>-century pottery whilst context 4472 produced sherds of Roman and early 13<sup>th</sup>-century or later date. Both are comparable with the assemblages recovered from the Period 2 garden soils.

### Period 2 to 4

One garden soil assemblage, context 4205, was assigned to Period 2 to 4. It produced 15 sherds, of which six are of probable 13<sup>th</sup>-century date and the remaining nine are of mid/late 16<sup>th</sup>-century date.

### Period 3

Seventy-nine sherds of pottery were recovered from deposits assigned to Period 3. With the exception of context 4354 (Dursley B) and context 4537 (Bristol C and Dursley B), both which produced only small assemblages of potentially later 11<sup>th</sup> to 12<sup>th</sup>-century date, the deposits associated with the furnaces contained an identical range of wares to the mid/late 13<sup>th</sup>-century material from the Period 2 pits and garden soils. There is no apparent difference in the frequency of wheelthrown to handmade Minety wares, nor of the proportion of wares introduced in the mid/late 13<sup>th</sup>-century to earlier ones which might indicate a difference in date between the assemblages.

Given that the Period 3 features physically overlie those of Period 2, and the much smaller quantity of pottery involved, it is likely that most of the pottery from the Period 3 deposits is actually disturbed material of Period 2 date. It is perhaps remarkable that none of the sherds from Period 3 deposits were burnt or had iron-rich concretions on them whereas sherds from four Period 2 deposits had these characteristics: 4441, 4570; 4668; and 4672. The affected sherds include a Laverstock ware jug sherd, a Minety ware wheelthrown jar and Minety ware tripod pitcher sherds.

Deposits associated with the Period 3 building, 4536, 4537, 4360, 4594, 4595, and 4648, produced 18 sherds of which 6 are of 13<sup>th</sup>-century character, 5 are locally-produced medieval wares and six are of mid/late 16<sup>th</sup>-century date or later (Table 2). There is thus, no pottery from these deposits which is contemporary with the supposed date of the building, all being either earlier or later.

*Table 2*

cname	4360	4536	4537	4594	4595	4648	Grand Total
AK	3						3
BRIS C			1				1
CRANHAM	1						1
CSTN						1	1
DURSLEY A						1	1
DURSLEY B			1		1		2
DURSLEY C					1		1
GLOS41B				2			2
HG					1	1	2
MINETY	2						2
STMO		1					1
WORCS		1					1
Grand Total	6	2	2	2	3	3	18

#### Period 4

One hundred and five sherds were recovered from Period 4 deposits. Of these, the majority are of precisely the same types as were found in Period 2 deposits and are clearly residual. This leaves 44 sherds of potentially contemporary pottery, all of which could have been current in the mid to late 16<sup>th</sup> century. This assemblage includes joining sherds of Sandy Minety ware pantheon from different deposits. This, and the fact that the types present could all have been current together for a short period in the mid 16<sup>th</sup> century suggests that this pottery may be associated with a single phase of activity (Table 3).

*Table 3*

cname	4260	4276	4280	4304	4324	4325	4406	4437	4476	4559	4571	4590	4642	4661	4666	Grand Total
AK	9					1	2	3		8	1					24
BR				1												1
CSTN						1			1							2
DURSLEY A			2						1							3
DURSLEY B			6				1	1						1		9
DURSLEY C			2											1		3
DURSLEY D											1					1

DURSLEY E		1														1
FREC				2												2
GLOS41B		4													1	5
HERA7B									1				1			2
HERB4	2			2					1	1	1				2	9
HERB5		1							1		1	2				5
MARTI								1								1
MINETY	1		6			1	1		1	1				6	5	22
NH			1													1
PMX										1						1
PREH?				1												1
SANDY MINETY				1	1	7	1									10
STONE										1						1
STROAT		1														1
Grand Total	3	11	22	3	5	10	5	4	4	11	6	2	2	9	8	105

## Period 5

One hundred and forty-two sherds of pottery were submitted for assessment from Period 5 deposits. Since Period 5 is dated by the excavators to the later 17<sup>th</sup> and 18<sup>th</sup> century and thus all of the submitted pottery ought to be residual. It includes 65 sherds of 13<sup>th</sup>-century character and 77 of mid/late 16<sup>th</sup>-century and later date (Table 00). The latter include the first occurrences on the site of several types: South Somerset ware, tin-glazed ware, Border ware, Post-medieval Welsh Borderland wares, Staffordshire/Bristol embossed press-moulded ware and Staffordshire/Bristol wheelthrown, light-bodied slipwares. As a group, these sherds could be of mid 17<sup>th</sup>-century date, i.e. 1660s-1670s, and are probably associated with the construction of the Period 5 building. It is, however, impossible to distinguish between Ashton Keynes ware of mid/late 16<sup>th</sup>-century date and that of the succeeding century. Nevertheless, it seems that there is a small mid/late 17<sup>th</sup>-century assemblage from Period 5 which is of some interest.

## Period 6

Twenty sherds of pottery from deposits assigned to Period 6 were submitted for identification. They are not described in this report, being clearly residual and of the same character as those from earlier deposits.

## Interpretation

The earliest possible activity on the site recognisable in the pottery collection is of later prehistoric date. The sherds show no signs of extreme weathering and this may indicate the existence of Bronze Age or Iron Age settlement nearby. However, the identification is by no means certain.

There is a collection of pottery of later Roman date from the excavation which can be associated with a nearby Roman settlement. The first activity on the site itself appears to date to the later 11<sup>th</sup> to mid 12<sup>th</sup> centuries although only one assemblage, from the backfill of a period 2 beamslot, is likely to consist solely of pottery of this date. It seems, therefore that any archaeological deposits generated by that activity have been removed by later activity. Furthermore, many of the fabrics in use during this period continued to be used later and it is only a few diagnostic forms which allow us to say for certain that later 11<sup>th</sup> to mid 12<sup>th</sup> occupation took place on the site.

These diagnostic types consist of the Bristol C cooking pot and a spouted pitcher of Bath Fabric A. In addition, it is likely that some, but not all, of the Gloucester TF41B and Dursley A and B wares were in use in this early phase. If so, then pottery supply to late 11<sup>th</sup> to mid 12<sup>th</sup>-century Dursley was varied, including some locally-made pottery, some from Haresfield and some from West Wiltshire and a small amount from the Bristol area.

It is perhaps unlikely that there is continuous occupation on the site from the late 11<sup>th</sup>/early 12<sup>th</sup> centuries through to the early 13<sup>th</sup> century, mainly because of the paucity of 12<sup>th</sup>-century types in the collection and the lack of 12<sup>th</sup>-century assemblages. Occupation may have re-started at some date in the first half of the 13<sup>th</sup> century, at a time when most of the pottery used was made by hand but there is little deposition on the site until after the introduction of a range of mid/late 13<sup>th</sup>-century wheelthrown wares (Period 2). Pottery residual from this Period 2 occupation is found throughout the remainder of the sequence but when re-assembled it forms a very large and informative group. Table 4 groups the wares present in this group by probable source (by vessels, so that sherds known to be from one vessel occur only once). Most of the pottery came from Minety, North Wiltshire, 21 miles to the east, followed by the various locally-produced wares (Dursley A, B, C, D and E) and Gloucester TF41B from Haresfield, 11 miles north. The Herefordshire products might have arrived at Dursley via Gloucester or via a river crossing to the Forest of Dean. The Worcester products may have been carried downriver by boat to a port on the Lower Severn, or they too might have been carried overland, via Gloucester. The relative frequencies of the various wares present in this Dursley assemblage shows that although distance from the source was clearly an importance factor governing the provision of the settlement with pottery, it was not an over-riding consideration. Otherwise, the local industries would have supplied all of the pottery; Haresfield ware would be more frequent than Minety and the Bristol and Bristol area wares would be more common than they are.

*Table 4*

source	2	2 to 3	2 to 4	3	4	5	6	per3 bld	Grand Total
North Wilts	354	3	5	27	19	22	10	1	441
local	166	11	2	13	17	13	3	4	229
Haresfield	49	15	3	1	5	17		2	92

Herefordshire	29		1	1	2	3	1		37
Worcester	22							1	23
Bristol	9			1	1	1	2		14
West Wilts	6			1	1				8
Ham Green	2			1			1	2	6
Malvern Chase	5								5
SE Wiltshire	3	1							4
SE Herefordshire	1			1					2
East Wilts	1								1
Midlands				1					1
Unknown	1								1
Grand Total	648	30	11	47	45	56	17	10	864

No contemporary pottery was associated with the Period 3 furnaces whilst the Period 3 building levels contain a mixture of earlier and later pottery. The date of the Period 3 activity is therefore floating, as far as the ceramic evidence is concerned.

Period 4 seems to represent a short-lived phase of activity in the mid to late 16<sup>th</sup> century and it is likely that a few features assigned to Period 2 at present are actually contemporary with Period 4, as is some of the pottery found in the Period 2, 2-3 and 2-4 garden soils. This Period 4 activity includes sherds of imported maiolica and an imported white earthenware flask, both of which are notable. Here too, because of the lack of immediately preceding or succeeding activity on the site it is possible to reconstruct the Period 4 assemblage which also forms a large and potentially informative group. Table 5 shows the origin of the 173 vessels which can be assigned to this group. Comparison with Table 4 shows that North Wiltshire remains the main source of supply, although at this time a shift from Minety to the neighbouring village of Ashton Keynes was underway. However, Malvern Chase, an insignificant source of pottery for Dursley in the 13<sup>th</sup> century, had become the second most common source, followed by Cistercian ware, which it is suggested here came mainly from sites in the lower Severn valley. Another difference between the two collections is that there are a small number of imported sherds in this 16<sup>th</sup>-century assemblage and none in the earlier one.

**Table 5**

source	2	2 to 3	2 to 4	3	4	5	6	per3 bld	Grand Total
North Wilts	3	3	1		28	68	3	4	110
Malvern Chase	1		2	1	12	4	3		23
Lower Severn	2				2	2	2	1	9
Staffordshire/Bristol						4	1	1	6
Surrey/Hampshire	1					4			5
Bristol?						3	1		4
Stroat	1				1	1	1		4

Herefordshire	1		1		1				3
South Somerset					3				3
Rhineland					2				2
local					1				1
Unknown					1				1
Low Countries	1								1
Northern France					1				1
Grand Total	10	3	4	1	47	91	11	6	173

The Period 5 pottery consists mainly of residual material, but a small assemblage of mid to late 17<sup>th</sup>-century date can be isolated.

Thus, in total, four discrete phases of activity can be recognised in the collection, two of which are valuable for reconstructing the history of pottery production and use in this part of Gloucestershire, where little work has previously been undertaken.

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