Assessment of the Finds from No.1 Churchside, Howden, East Yorkshire (OSA07 EV1)

Alan Vince and Kate Steane with a note on the leather by Quita Mould

An archaeological evaluation at No.1 Churchside, Howden, revealed a complex sequence of medieval stratigraphy. The pottery is in fresh condition and the earliest sherds probably date from mid 12th century whilst the latest stratified sherds are probably no later than the mid 13th century. Later medieval and recent finds occur in unstratified contexts.

Description

In addition to the items reported on here, fragments of phosphatic concretions; unworked stones; unworked animal bone and charcoal were submitted.

Ceramic Building Material

Twenty-two fragments of ceramic building material were submitted. Of these, three were unidentifiable, due to their small size, and five were of modern date (four fragments of a dark brown semi-stoneware floor tile and one fragment of flat roof tile).

The remaining material consists of a single glazed floor tile, and fragments of brick and flat roof tiles. The floor tile has a plain lead glaze, is worn and appears to be plain (although faint irregularities in the surface may indicate that it was relief-decorated. The tile comes from an early 13th-century deposit. At that date, it would be remarkable to find floor tiles used in a secular domestic setting and this either suggests a link between this site and the minster or that the tile was re-used, in which case it is probably of late 12th-century date. In either case, it is an unusual and interesting find requiring further study.

The flat roof tiles have a fine red-firing fabric, several of which have salt-surfacing of some of the surfaces. This indicates the use of brine-rich estuarine mud and similar tiles were produced at Cawood and Beverley (17 miles up the river Ouse and 24 miles overland, via Market Weighton or about 35 miles via the Humber and the river Hull). However, they could have been produced at numerous locations in the Humber wetlands and the actual source cannot be determined without petrological and chemical analysis of the fabric. The brick fragments also include two salt-surfaced examples. The earliest use of brick in the Humber estuary appears to be in the late 13th century (at Bawtry), where brick was used to form the dwarf walls of a timber waterfront structure, and its use became more common during the 14th century. The brick comes from two contexts, 106 and 132. The fragments from context 106 are definitely brick but those from context 132 are smaller lumps, with an average sherd weight of 24gm and are only tentative identifications.

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http://www.avac.uklinux.net/potcat/pdfs/avac2007044.pdf

Copper Alloy

A strip of copper alloy sheet, 22mm by 16mm, has a rivet hole, 1mm in diameter, at one end and is roughly curved at the other end. The object has some corrosion products which may obscure further details but since it comes from the backfill of a cable trench, context 104, it is very likely to be of recent date and therefore not worth further study.

Fired Clay

Twenty-nine fragments of fired clay were recorded. Twenty-one of these show evidence of coming from wattle and daub structures (contexts 181 and 189). These contexts are associated with a burnt building, 181, and suggest that this building had wattle and daub walls. The remaining fragments of fired clay come from contexts 180 and 181 and are probably also debris from the burnt building.

This clay would have been applied to the wattle walls in an unburnt state and is only preserved through being accidentally burnt. It is therefore likely to have been obtained locally and analysis of the fabric could help determine whether or not the ceramic building material and pottery (see below) could have been produced locally.

Iron

Nineteen fragments of iron were recorded. All of these are likely to have been nails. They range between 21mm and 68mm long with most between 30mm and 40mm long. All have square-sectioned shanks and three have heads whose dimensions could be measured (13mm, 20mm and 21mm square). Mineralised wood is present on seven nails, one from context 106 and six from context 153. Specialist study could probably identify the species of wood.

Glass

A single heavily weathered fragment of window glass of medieval date was recorded from context 192 (not mentioned in the site interim report). Such glass was in use from the mid Saxon period through to the 16th century after which, either because of changes in the glass composition or the lesser time spent in the ground, it is rare to find complete devitrification.

Leather by Quita Mould

Methodology

This assessment is based on an examination of the material on 6/03/2007. The leather was washed and wet when examined. It is currently stored in triple, self-seal polythene bags within an air-tight plastic storer. A summary of the material and a catalogue description of each item are provided below (summary and Appendix 2) along with recommendations for storage (see **Retention** below). Catalogue numbers appears in bold, italic within brackets (eg ***1***) in the text.

Leather species were identified by hair follicle pattern using low powered magnification. Where the grain surface of the leather was heavily worn identification was not always possible. The distinction between immature (calfskin) and mature cattle hides is not always easy to determine and the term bovine leather has been used when in doubt. Sole and clump sole leather is presumed to be cattle hide unless stated otherwise.

Estimation of shoe size is calculated according to the Modern English Shoe-Size scale with continental sizing given in brackets.

Summary

A small group of shoe parts of medieval date were recovered from two rubbish pits [304, 309]. The remains of two shoes were found in fill (303) of pit [304], the remains of three shoes were found in fill 308 of pit [309]. All the shoes are of turnshoe construction and of adult size. They are represented principally by their heavily worn shoe soles; highly fragmentary remains of their uppers of bovine leather are present but none retain any diagnostic features to allow their original shoe style to be known. All the soles were heavily worn. All but one (***1***) had been repaired, one (***6***) had been repaired at least twice before being thrown away. Two repair patches (***3,8***), known as clumps, were present; one (***8***) could be matched to the sole (***7***) that it had repaired. The shoes cannot be closely dated as they lack uppers but the shape of the soles suggests they date to the 12/13th century and certainly no later than the mid 14th century (see 3 below). The pits in which they were found cut through late 12th century deposits and are sealed by early 13th century deposits and there is no reason to doubt that the leather is contemporary. The shoe soles appear to be discarded domestic rubbish. Only a single piece of possible manufacturing waste (***13***) was found. The tapering strip found in (308) might be a trimming produced when cutting pattern pieces to size during manufacture. Alternatively, it could be a broken fastening strap, however, fastening straps were not used on shoes at this date.

Comparanda and potential for further analysis.

A basic record (as defined in RFG & FRG Guidelines Roman Finds Group and Finds Research Group AD 700-1700 1993) of the assemblage has been made. No further work is necessary. The leather comes from stratified deposits that are well dated. The leather is of local interest, particularly if, as may well be the case, no other medieval leather has been recovered from Howden previously. Well-dated groups of medieval leatherwork have been recovered from Hull and Beverley so that it is unlikely to be of regional interest. The Howden shoe soles may be compared with others from 33-35 Eastgate, Beverley (Atkinson 1992), however, as the Howden shoes lack well-preserved uppers little more can be said.

Plaster

A single fragment of wall plaster was recorded from context 104. It is probably of recent date and comes from the backfill of a cable trench.

Pottery

A list of the codes used to classify the pottery is given in Table 1. the majority of the wares found date to the earlier part of the medieval period (12th to 13th century) with a small number of later medieval and modern sherds.

Table 1

Cname	Name	Vessels	Sherds	Weight (gm)
BEVO1BT	Beverley-type splash-glazed ware with a fine-textured body	45	71	740
BEVO1SANDYT	Beverley-type splash-glazed ware with a quartzose sand temper	1	2	43
BEVO2BT	Beverley-type suspension glazed ware with a fine-textured body	123	209	2788
BEVOAT	Beverley-type ware with a calcareous fabric (unglazed)	1	1	30
BEVOBT	Beverley-type ware with a fine-textured body (unglazed)	107	182	3107
BEVOSANDYT	Beverley-type ware with a quartzose sand temper (unglazed)	9	10	137
BEVOX	Beverley "X" ware, possibly Flemish	2	6	43
BLUE	19th/20th century refined blue fabric	1	1	1
DONCA	Doncaster Hallgate A ware	2	2	33
DONCB	Doncaster Hallgate B ware	6	6	54
EYQC	East Yorkshire Quartz and Calcareous tempered ware	1	1	1
HAMB	Hambleton ware	1	1	37
HUM	Humberware	2	2	278
LEMS	Lincolnshire Early Medieval Shelly ware	35	84	1387
NGR	Northern Gritty ware	1	1	10
SCAR	Scarborough ware	1	1	4
STAXT	Staxton-type ware	10	12	292
YG	York Gritty ware	21	30	395
YORK	York Glazed ware	13	18	124
YORK/DONCB	York Glazed or Doncaster Hallgate B ware	4	7	87
Grand Total		386	647	9591

The majority of the types present are visually similar to the products of the Beverley industry, which was in operation from the mid 12th to the 14th centuries. Only one sherd of the earliest fabric, which has calcareous inclusions, was present (BEVOAT) but one of the finer-fabric Beverley-type ware sherds comes from a jug in which the strap handle is joined to the rim, rather than below the rim. This typological feature is found on mid 12th century vessels in

Yorkshire and the east midlands and suggests that mid 12th century material is present. However, the majority of the sherds are consistent with a later 12th century or later date. Some of the Beverley-type ware has glaze across the edges and other blemishes. This may be due to the vessels having been caught up in the conflagration which gave rise to context 181. Several of these sherds occur in this deposit and in subsequent layers and none occur in earlier deposits.

A small number of sherds come from vessels which were probably made in the Doncaster Hallgate kilns (Buckland and Magilton 1979). This pottery was operating in the early 13th century, to judge by the typology of the glazed jugs and the presence of glazed pipkins but it is likely that earlier potteries using the same fabrics existed in Doncaster from the late 12th century, replacing the earlier, handmade glazed ware produced at the Market Hall site (Buckland and Hayfield 1989).

The only type which appears to be of later date is a single sherd of Scarborough ware jug. The dating of this industry has been disputed but no vessels are found outside of Scarborough in deposits earlier than the mid 13th century and the industry was at its height in the early years of the town of Kingston-upon-Hull, which was founded in the second half of the 13th century (Watkins 1987; Watkins 1982).

These 12th to 13th-century sherds come mainly from jugs and jars (Table 2). However, pipkins and a range of other forms were also present. They include a Beverley-type object with two holes pierced in the wall before firing. This should be illustrated.

Table 2

Form	Vessels	Sherds	Weight
JUG	185	308	3528
JAR	151	255	3807
JUG/JAR	25	55	1089
PIPKIN	11	14	155
BOWL	3	3	182
CIST	1	1	87
CURFEW	1	1	43
DRIP	1	2	226
JAR/JUG	1	1	1
LARGE JUG	1	1	20
OBJECT	1	1	114
ROUNDED JUG	1	1	23
Grand Total	382	643	9275

Three late medieval sherds were present. They consisted of unstratified Humberware and Hambleton ware jugs.

Modern pottery is represented by a single 19th- or 20th-century refined blue plate from context 104.

Stone

A single honestone was recorded. It was unstratified but was made from blue phyllite. Blue phyllite hones were produced in the earlier medieval period (10th to 12th centuries) in southern Norway and were traded alongside Norwegian Ragstone hones, which continued to be exported later in the medieval period. This find is consistent with the 12th/13th century character of the stratified material.

Assessment

Trench 1

Trench 1 revealed a sequence of activity starting with natural river sands, followed by dumping and successive timber buildings (each consisting of make-up deposits, floors, occupation and then demolition). Initial phasing allows about 2/3 of the contexts to be phased but these contain the majority of the finds. They are sufficient to allow 13 phases of activity to be identified:

Phase 1 – dumping

Context 312 produced a small assemblage of Beverley-type jugs and jars and three sherds of a Beverley X ware jug (parts of which were also found in context 199 (unphased at this stage). These sherds suggest a late 12th century or later deposition date.

Phase 2 – Pits 304, 309 and 314

Three pits cut through the initial dumping deposit produced finds. {Pit 304 produced leather shoe fragments, consistent with a late 12th/13th-century date but lacking any diagnostic features which might have given a closer date. Pit 309 produced an assemblage of 33 sherds which includes sherds of Doncaster Hallgate Fabrics A and B. These probably indicate a late 12th-century or later date and this is consistent with the leather finds, also worn shoes. Pit 314 produced a single Beverley-type ware sherd.

It is possible that these pits represent rubbish pits associated with occupation elsewhere on the site. If they were simply for rubbish disposal on a newly reclaimed but unoccupied site there could be little reason to bury the waste rather than use it to raise the ground level. It is possible that the leather was associated with cobbling, but no definite evidence for this was present.

Phase 3 - Levelling

The phase 2 pits were sealed by a levelling layer, 307, which produced six sherds of pottery, including a Doncaster Hallgate B jug with wavy combed decoration.

Phase 4 – Pit 306

The Phase 3 levelling was cut by Pit 306, which produced five sherds of pottery, including the Beverley-type ware object.

Phase 5 – Construction of first building

Pit 306 was sealed by a make-up layer, context 196, for the floor of the first building found on the site. Twenty-five sherds of pottery were present including sherds of a Beverley-type ware jug with an iron-rich glaze and applied thumbed strip decoration and sherds of a Lincolnshire shell-tempered ware, LEMS. The latter occurs in deposits in Lincoln dating between the mid 12th century and the early 13th century, peaking in the early 13th century (Young and Vince 2006, 113 and Figs 100-101). By the mid 13th century this ware is clearly residual in Lincoln.

Phase 6 – Occupation of first building

Occupation deposits overlying the Phase 5 make-up, context 194, produced a similar pottery assemblage to that in the underlying make-up but also included the glazed floor tile. The pottery includes a Beverley-type ware vessel with a thumbed base and sherds of Beverley-type ware pipkins. Thumbed bases were introduced in the very late 12th or early 13th centuries.

Phase 7- Destruction by fire of first building

Overlying the Phase 6 occupation deposits was a deposit of charcoal and ash which represents the destruction by fire of the first building.

The pottery assemblage from this deposit includes several Beverley-type ware sherds where the glaze has run over broken edges or where ash or clay has been incorporated into the glaze. These are clearly the result of these vessels being affected by the fire. The Beverley ware includes a jug with a thumbed base. A smashed LEMS jar was found on the Phase 6 surface and was also clearly in use in this structure. This seems to be strong evidence that this fire took place before the middle of the 13th century. The deposit also includes fragments of daub, a square-headed nail and a flat roof tile.

Phase 8 – Levelling of the site of the first building

The Phase 7 destruction level was covered by a deposit of clay and sand which levelled the area in preparation for the second building (contexts 158, 180 and 189). The finds from this deposit are very similar to those in Phase 7 and include no new pottery types. Fragments of daub, iron nails and another fragment of flat roof tile were present.

Phase 9 – Construction and occupation of second building

Overlying the Phase 8 levelling layers were the floors and occupation deposits of a second structure, together with a post hole, filled with context 185, and a foundation 179, filled by contexts 171 and 178. The finds consist of 44 sherds of pottery, all of types known from earlier in the sequence.

Phase 10 – Construction and occupation of third building

Overlying the phase 9 levels were traces of a third building. Floor and occupation deposits 148, 149, 150, 161, 165 and 172 and the fill of post hole 302 (context 191) all produced finds. These consist of Beverley-type ware jug and jar sherds and the Scarborough ware jug sherd. The Beverley-type wares include the earliest stratified vessel with a copper-mottled glaze.

Phase 11 – Construction and occupation of fourth building

Overlying the Phase 10 deposits were layers of clay dumps (context 140), an occupation horizon (115 = 137) and possible evidence for modification to this structure, in the form of a beam slot and post-pad post-dating the occupation deposits. Contexts 132, 145 and 146 are probably also of this date and produced finds.

The finds from this phase include pottery, a flat roof tile, nails and two possible brick fragments (although these only weigh 48gm and might be daub). The pottery is mostly of types present in earlier deposits but includes Beverley-type jugs with white slip covered with a copper-mottled glaze; jugs decorated with curved strips of lighter coloured clay; jugs decorated with curved strips and complex stamps and jugs with rod handles. All of these features suggest a later 13th to 14th century date, in which case the few sherds of LEMS, York glazed ware and, possibly, the Staxton-type ware from the deposits are residual.

Phase 12 – Second phase occupation of fourth building

A series of deposits were stratigraphically later than the post pads and beam slot of Phase 11 and represent the final surviving occupation evidence from the trench. Contexts 106, 114, 116, 118, 127, 128, 153, 163 and 195 all produced finds. The majority of the finds are of types present earlier in the sequence but fragments of a modern floor tile come from context 106. The pottery includes a spigot hole from a Beverley-type cistern and a fragment of a dripping dish. Cisterns are present from the later 13th century but become much more common in the later 14th century. This is said to be a result of the increased popularity of hopped beer. The hops allowed the beer to last longer and to be of a lower alcohol content. Ceramic dripping dishes are present from the mid 13th century onwards but are also more common in the late 13th century and later.

Trench 2

Most of Trench 2 was taken up by a Victorian cellar. However, a single sherd of pottery was recorded from context 206, a dump equivalent to Phase 1 in Trench 1. The sherd is of East Yorkshire Quartz and Calcareous ware of late 12th to 13th-century date.

Interpretation

The pottery from Trench 1 suggests that the site was reclaimed from the river in the late 12th century and that the first occupation on this reclaimed site consisted of pitting (Phase 2) with a second phase of levelling and pitting probably indicating another building phase (Phases 3 and 4). All of these phases probably date to the later 12th century. In these earliest phases the structures must have been located outside the area of Trench 1.

In the next phase, the area of Trench 1 was built on and four successive phases of building were identified. They can be dated as follows:

First building	Phases 5, 6 and 7	Early 13th century
Second building	Phases 8 and 9	Early 13th century
Third building	Phase 10	Mid 13th century
Fourth building, first phase	Phase 11	Late 13th to 14th century
Fourth building, second phase	Phase 12	Late 13th to 14th century

This detailed sequence of activity, with little sign of subsequence pit-digging or other contamination makes the sequence at this site remarkably well-preserved with a high potential for studying all aspects of medieval material culture. The presence of glazed floor tile and window glass suggests either a high status secular occupation or a connection between this site and Howden minster.

Further Work

Unless the remaining archaeological deposits on this site can be preserved for future study *in situ* they should be entirely excavated, since they are clearly exceptional in the quality of their stratigraphy and in their associated finds. It is also likely that a larger-scale excavation would produce even closer dating evidence, with which to test the suggested chronology proposed above. The following recommended work is therefore based on the assumption that no further disturbance to these levels will take place.

Report

The stratified sequence of finds from Trench 1 should be published in detail. This will require those deposits which could not be phased on the basis of the site interim report to be phased and should also include time to look for cross-fitting sherds, which could be used to test whether any of the finds from the later phases of building are residual from earlier phases.

Illustration

Much of the pottery is of types which are well-known from published reports from Lincoln, York and Beverley (Young and Vince 2006; Jennings 1992; 1978; Armstrong and Evans 1991; Evans and Tomlinson 1992). However, there are 20 vessels which should be

illustrated, either because of their unusual form or because of their position in the stratigraphic sequence (Table 3).

Table 3

DN	Phase	Context	cname	Form
1	2	308	BEVOBT	JAR
2	3	307	BEVOBT	JAR
3	4	305	BEVO2BT	JUG
4			BEVOBT	OBJECT
5	6	194	BEVO1BT	JUG
6				BOWL
7			BEVO2BT	JUG
8				PIPKIN
9	7	181	BEVO2BT	JUG
10			BEVOBT	JAR
11	8	189	BEVOBT	JUG/JAR
12	9	171	BEVO1BT	PIPKIN
13		178	BEVOBT	JUG
14		303	BEVOBT	JAR
15			BEVOSANDYT	CURFEW
16	11	132	BEVO2BT	JUG
17		140	BEVO2BT	JUG
18	12	106	BEVO2BT	DRIP
19		118	BEVO1BT	CIST
20		195	STAXT	BOWL

Characterisation

Several of the wares found at this site cannot be reliably identified by eye and require the use of thin section and chemical analysis. These consist of the Beverley X ware (2 samples); Doncaster Hallgate A ware (2 samples); Hallgate B ware (6 samples); Staxton-type ware (6 samples); York Glazed ware (6 samples) and sherds from vessels which might be either York glazed or Doncaster Hallgate B ware (4 samples). Each sample would require chemical analysis with six requiring thin section analysis to augment and confirm the results.

The early floor tile should also be characterised to determine whether it was made locally, was imported from the continent or made at one of the monastic tileries recently documented by Stopford (2005).

The shell-tempered wares require a specialist report by Jane Young to compare them with the well-dated sequence at Lincoln.

Costing

Table 4 summarises the cost of implementing the various tasks recommended above.

Table 4

Task	Description	Cost
1	Re-examination of the pottery in stratigraphic groups, looking	£200.00 plus VAT

	for cross-fitting sherds	
2	Illustration of 20 selected vessels	£400.00 plus VAT
3	Characterisation of 32 samples (32 ICPS analyses and 6 thin sections)	£950.00 plus VAT
4	Characterisation of floor tile	£50.00 plus VAT
5	Specialist report on shell-tempered wares by Jane Young	£200.00 plus VAT
6	Production of report integrating results of tasks 1 and 2	£400.00 plus VAT

Retention

All of the stratified finds should be retained for future study. If the leather is intended for retention it may be conserved or air-dried under controlled conditions. If it is to be air-dried or discarded you may wish to draw or photograph the leather to provide a permanent record. The leather cannot be stored wet indefinitely. Without conservation the leather will deteriorate and is potentially hazardous to health being liable to fungal and bacterial infection. Wet leather presents difficulties with short-term storage, transportation, study and illustration (English Heritage 1995, 6). The eventual repository of the leather should be consulted regarding their discard and retention policy for wet organic material. It is usual for this to follow that recommended in the SMA Guidelines and unlikely that they will accept wet leather.

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Appendix 1

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
104		BLUE		PLATE		R	1	1	1	1					
104	XRAY	COPP		STRIP	STRAIGHT END OF STRIP WITH HOLE, CENTRE OF STRIP, 1 FROM END 1 DIA; OTHER END OF STRIP ROUGHLY CURVED; AREA OF COROSION MIGHT BE CONCEALING DETAIL	BS	1	1	1	1			22	16	<1
104		MOD		FLOOR	WORN UPPER SURFACE; SHL=106	BS	3	1	175	58.33333333					
104		PLASTER	COAL FLECKS	PLASTER	FLAT SMOOTH SURFACE	BS	1	1	14	14					
106		BEVO2BT		JUG	GROOVES AT INTERVALS DOWN BODY	BS	4	4	59	14.75					
106		BEVO2BT		JUG	CORDON; YELLOW/GREEN GLAZE	BS	1	1	7	7					
106		BEVO2BT	cugl	JUG	WHITE SLIP UNDER GLAZE; CU IN GLAZE	BS	2	2	13	6.5					
106		BEVO2BT	cugl	JUG	GROOVES; CU IN GLAZE	BS	1	1	4	4					
106		BEVO2BT		JUG		BS	5	5	22	4.4					
106		BEVO2BT		JUG	PULLED SPOUT	R	1	1	5	5		SOOTED ON TOP OF RIM			
106	DR	BEVO2BT		DRIP	KNIFE TRIMMED EXT; D-SHAPED; SPOUT AT END; THUMBED FLAT RIM	PROF	2	1	226	113		SOOTED EXT; BLACK DEP INT			
106		BEVOBT		JAR		BS	1	1	1	1					
106		BEVOBT		JUG	SOME THUMBING; SPOT OF GLAZE	B	1	1	107	107					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
106		IRON		NAIL	WITH HIGH IRON CONTENT MINERALISED WOOD UNDER HEAD; 15 BY13 RECT HEAD AND SHANK; SHANK LENGTH	BS	1	1	10	10			>32		
106		IRON		NAIL	SQUARE HEAD 13 BY 13, SQUARE SHANK 4 ACROSS TO POINT; SHANK LENGTH	BS	1	1	4	4			54		
106		MOD		FLOOR	SHL=104	BS	1	1	12	12					
106		MTIL		FLAT		BS	1	1	109	109					
106		PM/MTIL		?		BS	2	2	13	6.5					
106		PMTIL		BRICK		BS	1	1	1	1					
106		PMTIL		BRICK	SALT SURFACING	BS	1	1	16	16					
106		PMTIL		BRICK	SALT SURFACING	BS	1	1	605	605					
106		STAXT		JAR		R	1	1	50	50		HEAVILY SOOTED EXT; BLACK DEP INT			
110		STAXT		JAR		R	1	1	23	23		SOOTED ON RIM AND EXT			
114		BEVO2BT		JUG		BS	3	3	20	6.666666667					
114		BEVO2BT		JUG	BASE WITH SOME THUMBING	B	1	1	74	74					
116		BEVO2BT		JUG		BS	2	2	18	9					
116		BEVOBT		JUG/JAR		BS	1	1	5	5					
116		BEVOBT		JUG/JAR		BS	1	1	10	10	SALT SURFACING				
116		BEVOBT		JUG/JAR		B	1	1	5	5	BURNT				
116		IRON		NAIL	HEADLESS; SQUARE SHANK; TOTAL SHANK LENGTH 55; LENGTH TO BEND	BS	1	1	9	9			50		
116		STAXT		JAR		BS	1	1	9	9					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
116		YORK		JUG		BS	1	1	13	13					
118	DR	BEVO1BT		CIST	SPLASH OF GLAZE; DRIBBLES OF WHITE SLIP	BUNG	1	1	87	87					
127		BEVO1BT		JUG	WHITE SLIP UNDER CLEAR GLAZE	BS	1	1	1	1					
127		BEVO2BT		JUG	HORIZ GROOVES	BS	1	1	3	3					
128		BEVO2BT	cugl	JUG	NOTCHED HORIZ STRIP; CU IN GLAZE	BS	1	1	9	9					
128		BEVO2BT		JUG	LINES OF HORIZ SQUARE RST 10 APART	BS	1	1	7	7		WHITE DEP INT			
128		BEVO2BT		JUG	NOTCHED VERT WHITE STRIP AND DIAGONAL WHITE STRIP	BS	1	1	9	9		WORN EXT			
128		BEVO2BT		JUG	CORDON WITH DIAGONAL STRIP ACROSS	BS	1	1	22	22					
128		BEVO2BT		JUG		BS	1	1	18	18					
128		BEVO2BT		PIPKIN		BS	1	1	8	8		HEAVILY SOOTED EXT			
128		CLAY		CLAY		BS	1	1	4	4					
128	JY TO CHECK ID	LEMS		JAR		BS	1	1	29	29					
129		BEVO2BT		PIPKIN		BS	1	1	2	2		SOOTED EXT; BLACK DEP INT			
130		BEVO2BT		JUG		BS	1	1	4	4					
130		BEVOBT		JAR		BS	1	1	3	3	HEAVILY SOOTED EXT				
130		BEVOBT		JUG/JAR		BS	2	1	25	12.5	SALT SURFACING EXT				
130	JY TO CHECK ID	LEMS		JAR		BS	1	1	7	7	SOOTED EXT				
132		BEVO1BT		JUG		BS	1	1	8	8					
132		BEVO2BT	SANDY	JUG		BS	1	1	9	9					
132	DR	BEVO2BT		JUG		R	1	1	14	14					
132		BEVO2BT		JUG	HORIZ GROOVES UNDER RIM	BS	1	1	13	13					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
132		BEVO2BT		JUG		BS	1	1	2	2					
132		BEVO2BT		JUG	IRON RICH GLAZE	BS	1	1	46	46					
132		BEVO2BT		JUG	SQUASHED ROD HANDLE 15 ACROSS	H	1	1	9	9	FLAKING GLAZE				
132		BEVO2BT		JUG		BS	1	1	2	2					
132		BEVOBT		JUG	SPOT OF GLAZE	BS	1	1	6	6					
132		BEVOBT		JUG/JAR		BS	5	5	27	5.4					
132		IRON		NAIL	CORODED NAILHEAD	BS	1	1	5	5					
132	JY TO CHECK ID	LEMS		JAR	YELLOW SLIP EXT	BS	1	1	20	20					
132		PMTIL		BRICK		BS	2	2	48	24					
132		STAXT		JAR		BS	1	1	3	3		SOOTED EXT			
132		YORK		JUG		BS	1	1	1	1					
136		BEVO2BT		JUG	HORIZ GROOVES; WHITE SLIP	BS	2	1	1	0.5					
136		BEVO2BT		JUG		BS	1	1	1	1	FRESH BREAKS				
136		BEVO2BT		JUG	HORIZ GROOVES	BS	2	1	10	5					
136		BEVO2BT		JUG	HORIZ GROOVES; WHITE SLIP	BS	2	1	2	1					
136		BEVOBT		JAR		BS	1	1	14	14					
136		IRON		NAIL	POSS RECT HEAD AND SHANK; SHANK LENGTH	BS	1	1	3	3			>17		
136		YORK		JAR		BS	1	1	6	6					
140		BEVO1BT		JUG	WHITE SLIP UNDER GLAZE	BS	5	5	22	4.4					
140		BEVO2BT		LARGE JUG	GLAZE INT/EXT	BS	1	1	20	20					
140		BEVO2BT		JUG		BS	1	1	10	10		WHITE DEP INT			
140		BEVO2BT		JUG	CURVED APPLIED STRIP IN PALER CLAY	BS	2	1	8	4					
140	DR	BEVO2BT		JUG	CURVED APPLIED STRIPS WITH	BS	2	1	38	19					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
140		BEVO2BT	cugl	JUG	CIRCULAR STAMPS WHITE SLIP UNDER CU FLECKED GLAZE	BS	1	1	9	9					
140	DR	BEVO2BT		JUG		R	1	1	12	12	SOME FRIED GLAZE				
140		BEVO2BT	cugl	JUG	SOME CU IN GLAZE; ROD HANDLE 12 ACROSS	H	2	1	29	14.5	GRITTY GLAZE				
140		BEVO2BT		JUG		BS	1	1	3	3					
140		BEVOBT		JUG/JAR		BS	5	5	55	11					
140		BEVOBT		JUG/JAR		BS	2	2	23	11.5		WHITE DEP INT			
140		BEVOBT		JUG/JAR	RED SLIP EXT	BS	2	2	11	5.5					
140	JY TO CHECK ID	LEMS		JAR		BS	1	1	1	1	FLAKE				
140	JY TO CHECK ID	LEMS		JAR		BS	1	1	10	10		WHITE DEP INT			
140	JY TO CHECK ID	LEMS		JAR		R	1	1	43	43	SPALLING EXT	HEAVILY SOOTED EXT			
140		MTIL		FLAT		BS	1	1	46	46					
140		MTIL		FLAT	SALT SURFACING ON BASE	BS	1	1	21	21					
140		STAXT		JAR		BS	3	3	11	3.666666667		SOOTED EXT			
140		YORK		JUG		BS	1	1	1	1					
142		BEVO1BT		JUG		BS	1	1	2	2	POCKED SPALLING				
142		IRON		NAIL	SQUARE HEAD 20 BY 20, ROUND SHANK 6 ACROSS TO POINT; SHANK LENGTH	BS	1	1	8	8			30		
144		IRON		NAIL	CORODED NAIL SHAPE; TOTAL LENGTH	BS	1	1	6	6			44		
145		BEVO2BT		JUG	HORIZ GROOVES	BS	1	1	9	9	GRITTY GLAZE				
145		IRON		NAIL	CORODED NAIL SHAPE; TOTAL LENGTH	BS	1	1	16	16			68		
146		BEVO1BT	cugl	JUG	WHITE SLIP	BS	1	1	2	2					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
146		BEVO2BT		JUG	UNDER GLAZE; CU IN GLAZE HORIZ GROOVES	BS	1	1	3	3					
146		BEVOBT		JAR		BS	1	1	5	5	ABRA				
147		BEVO2BT		JUG		BS	2	2	4	2					
147		BEVO2BT		JUG	WHITE SLIP UNDER GLAZE	BS	1	1	8	8					
147		BEVO2BT		JUG	2 HORIZ GROOVES AT 20-30 INTERVALS	BS	2	1	55	27.5					
147		BEVOBT		JAR		BS	1	1	3	3		SOOTED EXT			
147		MOD		FLAT		BS	1	1	67	67					
147		MTIL		FLAT	SALT SURFACING ON BASE	BS	2	1	32	16	FRESH BREAKS				
148		BEVO1BT		JUG		BS	2	2	9	4.5					
148		BEVO2BT		JUG		BS	2	2	14	7					
149		BEVO1BT	cugl	JUG	WHITE SLIP UNDER GLAZE; CU IN GLAZE	BS	1	1	8	8					
149		BEVO1BT		JUG	TRACES OF GLAZE	BS	1	1	3	3					
149		SCAR		JUG	CORDON GLAZED GREEN AGAINST YELLOW BACKGROUND GLAZE	BS	1	1	4	4					
150		BEVO1BT		JUG		BS	2	2	5	2.5					
150		BEVOSANDYT		JAR		BS	1	1	20	20		SOOTED EXT			
153		BEVO1BT		JUG		BS	1	1	2	2		SOOTED EXT			
153		BEVO2BT		JUG		BS	2	2	10	5					
153		BEVOBT		JAR/JUG		BS	1	1	1	1					
153		IRON		NAIL	MINERALISED WOOD; SQUARE HEAD 11 BY 11; RECT SHANK 3 BY4; LENGTH TOTAL SHANK 43, BENT AT TIP;	BS	1	1	4	4			32		

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
153		IRON		NAIL	LENGTH SHANK IN WOOD MINERALISED WOOD; SQUARE HEAD 11 BY 11; SQUARE SHANK 4 ACROSS; LENGTH TOTAL SHANK >35;	BS	1	1	5	5			34		
153		IRON		NAIL	LENGTH SHANK IN WOOD MINERALISED WOOD; POSS SQUARE HEAD 10 BY 10; POSS SQUARE SHANK; LENGTH TOTAL SHANK >37, BENT AT END;	BS	1	1	3	3			30		
153		IRON		NAIL	LENGTH SHANK IN WOOD MINERALISED WOOD; OVAL HEAD 15 BY 13; LENGTH TOTAL SHANK 43; SHANK CURVED UP UNDER WOOD; LENGTH SHANK IN WOOD	BS	1	1	6	6			21		
153		IRON		NAIL	MINERALISED WOOD; POSS SQUARE HEAD 13 BY 13; LENGTH TOTAL SHANK >43;	BS	1	1	4	4			28		
153		IRON		NAIL	LENGTH SHANK IN WOOD CORODED NAIL SHAPE; SQUARE SHANK; SHANK LENGTH	BS	1	1	4	4			33		
153		IRON		NAIL	FRAGMENT OF MINERLISED WOOD	BS	1	1	1	1					
153		YORK		JUG		BS	2	2	3	1.5					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
155		BEVO2BT		JUG		BS	1	1	3	3					
155		BEVO2BT		JUG		BS	1	1	10	10		WHITE DEP INT			
155		BEVOBT		JUG	UNGLAZED; HANDLE JOIN?	BS	1	1	7	7					
155		BEVOBT		JAR		BS	2	1	2	1					
157		BEVO2BT		JUG		BS	1	1	1	1					
158		BEVO1BT		JUG	WHITE SLIP UNDER GLAZE	BS	1	1	2	2					
158		BEVO1BT		JUG	IRON IN GLAZE	BS	1	1	5	5					
158		BEVO2BT		PIPKIN		BS	1	1	5	5	BURNT	HEAVILY SOOTED EXT; BLACK DEP INT			
158		BEVOBT		JAR		B	1	1	24	24		HEAVILY SOOTED EXT			
158		BEVOBT		JUG/JAR		BS	2	2	5	2.5					
158		BEVOBT		JAR		BS	1	1	9	9		SOOTED EXT			
158		BEVOBT		JAR		B	1	1	16	16		SOOTED EXT			
158		BEVOBT		JAR		B	1	1	14	14		SOOTED EXT; BLACCK DEP INT			
158		IRON		NAIL	CORODED NAIL SHAPE; TOTAL LENGTH	BS	1	1	4	4			30		
158	JY TO CHECK ID	LEMS		JAR		BS	2	2	10	5					
158		MTIL		FLAT		BS	1	1	23	23					
159		BEVO2BT		JUG		BS	3	2	29	9.666666667					
160		BEVO2BT		JUG	WHITE SLIP UNDER GLAZE	BS	1	1	1	1					
160		BEVO2BT		JUG		BS	1	1	10	10					
161		BEVOBT		JAR		BS	1	1	7	7					
163		BEVO2BT		JUG	CORDONS	BS	1	1	7	7		WHITE DEP INT			
163		BEVO2BT		JUG	CORDON	BS	1	1	2	2					
165		BEVO1BT		JUG		BS	1	1	8	8					
165		BEVO2BT		JUG		BS	1	1	3	3					
166		BEVO1BT	cugl	JUG	WHITE SLIP; CU IN GLAZE	BS	1	1	7	7					
166	JY TO CHECK ID	LEMS		JAR		BS	2	2	27	13.5		SOOTED EXT			
171		BEVO1BT		JUG		BS	2	2	6	3					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
171		BEVO2BT		JUG		BS	1	1	4	4		BLACK DEP INT			
171		BEVO2BT		JUG	IRON RICH GLAZE; NOTCHED HORIZ STRIP	BS	1	1	8	8					
171		BEVO2BT		JUG	IRON RICH GLAZE	BS	1	1	8	8					
171		BEVO2BT		JUG		BS	2	2	12	6					
171		BEVO2BT		JUG	HORIZ LINES	BS	4	1	30	7.5	GRITTY GLAZE				
171	DR	BEVO1BT		PIPKIN	STRAP PULLED AND CURLED	H	2	1	66	33					
171		BEVOBT		JUG/JAR	TRACE OF GLAZE	BS	1	1	2	2					
171		BEVOBT		JUG/JAR	SPOTS OF GLAZE	BS	2	2	14	7	SALT SURFACED EXT				
171		BEVOBT		JUG/JAR		BS	5	5	24	4.8					
171		BEVOBT		JAR		BS	1	1	11	11		SOOTED EXT			
171		BEVOBT		JUG	WHITE SLIP	BS	1	1	4	4					
171	JY TO CHECK ID	LEMS		JAR		BS	1	1	16	16		HEAVY BLACK DEP INT			
171	JY TO CHECK ID	LEMS		JAR		BS	1	1	12	12					
171		YG		JAR		BS	1	1	7	7		SOOTED EXT; BLACKDEP INT			
171		YG		JAR		BS	1	1	14	14		SOOTED EXT			
171		YORK		JUG	VERT NOTCHED STRIP; VERT LINE OF NIBS	BS	1	1	8	8					
171		YORK		JUG		BS	5	5	43	8.6					
172		BEVO1BT		JUG		BS	1	1	12	12					
175		BEVO2BT		JUG		BS	2	1	24	12					
175		BEVO2BT		JUG	STRAP HANDLE 37 ACROSS	H	1	1	38	38					
175		BEVOBT		JAR		BS	1	1	3	3		SOOTED EXT			
175		YG		JAR		BS	1	1	4	4		SOOTED EXT			
178		BEVO2BT		JUG		BS	2	2	14	7					
178		BEVO2BT		JUG	VERT APPLIED STRIP	BS	1	1	18	18					
178		BEVO2BT		JUG	IRON RICH GLAZE	BS	1	1	4	4					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
178		BEVO2BT		JUG	HORIZ GROOVES	BS	1	1	2	2					
178		BEVOBT		JAR		BS	1	1	6	6					
178		BEVOBT		JAR		BS	1	1	8	8		SOOTED EXT			
178	DR	BEVOBT		JUG	NO GLAZE	R	1	1	6	6		SOOTED EXT			
180		BEVO1BT		JUG		BS	2	1	29	14.5	SALT SURFACING				
180		BEVO2BT		JUG	SPOT OF GLAZE	B	1	1	2	2					
180		BEVO2BT		JUG		BS	2	1	13	6.5	BURNT; FRIED GLAZE				
180		BEVO2BT		JUG		BS	2	2	4	2	GRITTY GLAZE				
180		BEVO2BT		JUG		BS	4	4	44	11					
180		BEVOBT		JUG/JAR		BS	6	6	69	11.5					
180		BEVOBT		JAR		BS	4	4	22	5.5		SOOTED EXT			
180		BEVOBT		JAR		B	1	1	23	23		SOOTED EXT			
180		BEVOBT		JAR	SPOT OF GLAZE	R	1	1	5	5					
180		DONCB		JUG		BS	1	1	4	4					
180		FCLAY	SANDY	FCLAY		BS	2	1	38	19					
180		IRON		NAIL	HEADLESS; SQUARE SHANK; TOTAL SHANK LENGTH 60; LENGTH TO BEND	BS	1	1	4	4			35		
180	JY TO CHECK ID	LEMS		JAR		BS	5	1	9	1.8					
180	JY TO CHECK ID	LEMS		JAR		BS	1	1	9	9		SOOTED EXT			
180	JY TO CHECK ID	LEMS		JAR		BS	1	1	18	18		SPALLED EXT; SOOTED EXT			
180	JY TO CHECK ID	LEMS		JAR		BS	1	1	42	42		HEAVILY SOOTED EXT			
180		YG		JAR		BS	2	2	5	2.5					
180		YORK		JAR		BS	1	1	9	9					
181		ASH CONCRETION		ASH CONCRETION		BS	8	8	44	5.5					
181		BEVO1BT		JUG		BS	3	3	42	14					
181		BEVO1BT		JUG		BS	1	1	16	16	BURNT; FRIED GLAZE				

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
181		BEVO2BT		PIPKIN		BS	1	1	2	2	BURNT; FRIED GLAZE				
181		BEVO2BT		ROUNDED JUG		BS	1	1	23	23	BURNT; FRIED GLAZE				
181		BEVO2BT		BOWL	GLAZE INT	BS	1	1	53	53	GRITTY GLAZE				
181		BEVO2BT		JUG	HANDLE SCAR	BS	2	1	144	72	FRIED GLAZE; WASTER?				
181		BEVO2BT		JUG		BS	9	9	66	7.333333333					
181		BEVO2BT		JUG		BS	2	1	23	11.5	FRIED GLAZE; WASTER?				
181		BEVO2BT		JUG		BS	1	1	22	22	FLAKED GLAZE				
181	DR	BEVO2BT		JUG		R	1	1	18	18	BURNT; FRIED GLAZE				
181	DR	BEVO2BT		JUG		R	1	1	7	7	BURNT; FRIED GLAZE				
181		BEVO2BT		JUG		B	2	1	41	20.5	BURNT; FRIED GLAZE				
181		BEVO2BT		JUG		BS	8	7	64	8	BURNT; FRIED GLAZE				
181		BEVOBT		JAR		B	1	1	11	11		SOOTED EXT			
181		BEVOBT		JUG	THUMBED BASE	BS	2	1	65	32.5	BURNT				
181		BEVOBT		JUG	CORDON;HAMS IN CORDON CLAY	BS	1	1	1	1					
181		BEVOBT		JAR		B	1	1	17	17	BURNT				
181		BEVOBT		JAR		B	1	1	24	24	BURNT	SOOTED EXT			
181		BEVOBT		JAR		BS	5	5	51	10.2	BURNT	SOOTED EXT			
181	DR	BEVOBT		JAR		R	2	1	32	16	POCKED SPALLING INT	SOOTED EXT			
181		BEVOBT		JAR		BS	3	3	18	6		SOOTED EXT			
181		BEVOBT		JAR		BS	1	1	7	7	FLAKE	SOOTED EXT			
181		BEVOBT		JAR		BS	9	9	72	8	BURNT				
181		BEVOBT		JAR		BS	4	4	71	17.75					
181		BEVOBT		JAR	SPOTS OF GLAZE	BS	1	1	15	15		HEAVILY SOOTED EXT			
181		BEVOBT		JAR	SPOTS OF GLAZE	BS	1	1	15	15		SOOTED EXT; WHITE DEP INT			
181		CHARCOAL		CHARCOAL		BS	1	1	1	1					
181		CHARCOAL				BS	2	2	1	0.5					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
181		FCLAY		FCLAY		BS	1	1	4	4					
181		FCLAY	ORGANIC	DAUB	SURFACE	BS	1	1	169	169					
181		FCLAY	SANDY	FCLAY		BS	5	5	40	8					
181		FCLAY	ORGANIC	DAUB	IRREGULAR LUMPS	BS	7	7	137	19.57142857					
181		FCLAY	ORGANIC	DAUB	SURFACE AND UPRIGHT 10 ACROSS	BS	1	1	83	83					
181		GEO	CAVE OOLITE	GEO		BS	3	3	14	4.666666667					
181		IRON		NAIL	SQUARE HEAD 21 BY 21, SQUARE SHANK 5 ACROSS TO POINT; SHANK LENGTH	BS	1	1	14	14			45		
181	JY TO CHECK ID	LEMS		JAR		BS	1	1	12	12	PARTLY LOST EXT SURFACE				
181	JY TO CHECK ID	LEMS		JAR		BS	4	4	64	16		SOOTED EXT			
181	JY TO CHECK ID	LEMS		JAR		BS	3	3	20	6.666666667					
181	JY TO CHECK ID	LEMS		JAR		R	1	1	11	11					
181	JY TO CHECK ID	LEMS		JAR		R	1	1	27	27		SOOTED EXT			
181	JY TO CHECK ID	LEMS		JAR		BS	7	1	75	10.71428571	LOST EXTERNAL SURFACE				
181		MTIL		FLAT		BS	1	1	21	21					
181		YG		JAR		BS	1	1	1	1					
181		YORK		JUG		BS	1	1	16	16					
185		BEVO1BT		JUG	RED SLIP	BS	1	1	2	2					
185		BEVO2BT		JUG		BS	1	1	1	1					
187		BEVO1BT		JUG		BS	1	1	1	1					
187		BEVOBT		JAR		BS	1	1	13	13		HEAVILY SOOTED EXT			
189		BEVO1BT		JUG		BS	3	3	14	4.666666667					
189		BEVO1BT		JUG	KNIFE TRIMMED EXT; SPOTS OF GLAZE EXT	BS	1	1	13	13					
189		BEVO1BT		PIPKIN	SPOT OF GLAZE EXT	BS	1	1	3	3		HEAVILY SOOTED EXT			

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
189		BEVO2BT		JUG		BS	4	4	17	4.25	BURNT; FRIED GLAZE				
189		BEVO2BT		JUG		BS	2	2	3	1.5	FLAKED GLAZE				
189		BEVO2BT		JUG		BS	2	1	23	11.5					
189		BEVO2BT		JUG		BS	4	4	8	2					
189		BEVO2BT		JUG		R	1	1	11	11	BURNT; FRIED GLAZE				
189		BEVO2BT		JUG		BS	1	1	15	15	SOME FLAKED GLAZE				
189	DR	BEVOBT		JUG/JAR	NO GLAZE; TRACES OF WHITE SLIP	BS	1	1	11	11	BURNT				
189		BEVOBT		JAR		BS	1	1	3	3		SOOTED EXT			
189		BEVOBT		JUG/JAR		BS	1	1	1	1	EXT SURFACE LOST				
189		BEVOBT		JAR		BS	1	1	25	25	POCKED SPALLING EXT				
189		BEVOSANDYT		JUG	SPLASHED GLAZE	BS	1	1	9	9					
189		BEVOSANDYT		JAR		BS	1	1	2	2					
189		FCLAY		DAUB	DARK IRREGULAR LUMP	BS	1	1	50	50					
189		FCLAY	ORGANIC	DAUB	IRREGULAR LUMPS	BS	9	9	138	15.33333333					
189		FCLAY	ORGANIC	DAUB	SURFACE	BS	1	1	14	14					
189		FCLAY	ORGANIC	DAUB	UPRIGHT 13 ACROSS	BS	1	1	72	72					
189		IRON		NAIL	POSS RECT HEAD AND SHANK; SHANK LENGTH	BS	1	1	7	7			>40		
189		YORK		JAR		BS	1	1	5	5		SOOTED EXT			
191		BEVO1BT		JUG		BS	1	1	11	11	HEAVILY BURNT				
192		BEVOBT		JAR		B	1	1	32	32		SOOTED ON BASE			
192		BEVOSANDYT		JAR		BS	1	1	7	7		SOOTED EXT			
192	CONSERVATION?	MGLA		WIND		BS	1	1	3	3					
194	DR	BEVO1BT		JUG	ONE SPOT OF GLAZE; STRAP HANDLE 34 ACROSS FROM TOP OF RIM	R/H	1	1	30	30					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
194		BEVO1BT		JUG	SPLASHED GLAZE	BS	4	4	16	4					
194		BEVO1BT		JUG	SPLASHES OF GLAZE	BS	3	3	48	16					
194	DR	BEVO1BT		BOWL	ONE SPOT OF GLAZE INT	R	1	1	16	16					
194		BEVO2BT		PIPKIN		BS	2	2	12	6		HEAVILY SOOTED EXT			
194	DR	BEVO2BT		PIPKIN	PULLED SPOUT	R	1	1	5	5	GLAZE OVER BREAK; SECOND	SOOTED ON RIM			
194		BEVO1SANDYT		JUG	SPLASHED GLAZE	BS	2	1	43	21.5					
194		BEVO2BT		JUG	COMBED WAVY DEC	BS	1	1	13	13					
194		BEVOBT		PIPKIN		BS	2	2	18	9		HEAVILY SOOTED EXT; BLACK DEP INT			
194		BEVO2BT		JUG		BS	4	1	41	10.25	POCKED GLAZE FLAKING				
194		BEVO2BT		JUG		BS	4	1	93	23.25		WORN EXT			
194	DR	BEVO2BT		JUG		R	1	1	10	10					
194		BEVO2BT		JUG		BS	2	1	13	6.5					
194		BEVO2BT		JUG		BS	7	7	27	3.857142857					
194	DR	BEVO2BT		JUG	STRAP HANDLE 26-32 WITH CENTRAL GROOVE	H	1	1	37	37					
194		BEVO2BT		JUG	IRON IN GLAZE	BS	1	1	7	7					
194		BEVO2BT		JUG	IRON IN GLAZE	BS	4	1	20	5					
194	DR	BEVO2BT		JUG	GROOVES UP TO RIM	R	1	1	19	19					
194		BEVO2BT		JUG		BS	2	2	4	2		WHITE DEP INT			
194		BEVO2BT		JUG	THIN WALLED JUG	BS	1	1	44	44	GLAZE OVER BREAK; WASTER				
194	DR	BEVO2BT		JUG	THUMBED ALL ROUND BASE	B	1	1	221	221	FLAKING GLAZE	SOOTED EXT			
194		BEVOBT		JAR		BS	1	1	49	49	POCKED SPALLING				
194		BEVOBT		JAR		B;BS	2	1	77	38.5		HEAVILY SOOTED EXT; BLACK DEP INT			

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
194		BEVOBT		JUG		BS	1	1	10	10					
194		BEVOBT		JAR		BS	2	2	9	4.5	MORTAR INT	SOOTED EXT			
194		BEVOBT		JAR		BS	5	5	46	9.2		SOOTED EXT			
194		BEVOBT		JAR		B	1	1	18	18		SOOTED EXT			
194		BEVOBT		JAR		BS	2	2	19	9.5		SPALLED EXT			
194		BEVOBT		JAR		BS	7	1	55	7.857142857		HEAVILY SOOTED/SPALLED			
194		BEVOBT		JAR		BS	1	1	37	37		SOOTED EXT; WHITE DEP INT			
194		BEVOBT		JAR		BS	6	6	34	5.666666667					
194		BEVOBT		JAR		BS	2	1	74	37					
194		BEVOBT		JAR	KNIFE TRIMMED BASE; SPOTS OF GLAZE ON BASE	B	1	1	31	31		HEAVILY SOOTED EXT; BLACK DEP INT			
194		BEVOBT		JAR	KNIFE TRIMMED PLAIN BASE	B	1	1	104	104					
194		DONCB		JUG	SPOTS OF GLAZE	BS	1	1	14	14					
194		LEMS		JAR		R	1	1	23	23					
194		LEMS		JAR		BS	1	1	12	12		SOOTED EXT			
194		LEMS		JAR		BS	3	1	70	23.33333333		SOOTED EXT			
194		LEMS		JAR		R	1	1	7	7					
194		LEMS		JAR		BS	1	1	12	12		HEAVILY SOOTED EXT			
194		LEMS		JAR		BS	2	2	28	14		SOOTED EXT; BLACK DEP INT			
194		LEMS		JAR		B	1	1	50	50		HEAVILY SOOTED EXT; BLACK DEP INT			
194		LEMS		JAR		B	1	1	20	20		SOOTED EXT			
194		LEMS		JAR		R	1	1	11	11					
194		MTIL		FLOOR		BS	1	1	63	63					9
194		YG		JAR		B	1	1	6	6		SOOTED EXT			
194		YG		JAR		BS	2	2	26	13		SOOTED EXT; BLACK DEP INT			
194		YG		JAR		BS	2	2	12	6					
195		BEVO2BT		JUG		BS	1	1	9	9					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
195		BEVOBT		JUG/JAR		BS	1	1	75	75	POCKED SPALLING EXT; TO LESSER EXTENT INT				
195		BEVOBT		JUG/JAR		B	1	1	28	28					
195	DR	STAXT		BOWL		R	1	1	113	113		SOOTED INT; CHIPPED RIM; USED AS CURFEW			
195		YG		JAR		BS	1	1	3	3					
196		BEVO1BT		JUG	THUMBED APPLIED STRIPS; IRON RICH GLAZE	BS	1	1	39	39	SOME FRIED GLAZE	BLACK DEP INT			
196		BEVO1BT		JUG	IRON RICH GLAZE	BS	3	3	11	3.666666667	GRITTY GLAZE				
196		BEVO1BT		JUG	IRON RICH GLAZE INT/EXT	BS	1	1	38	38	GRITTY GLAZE				
196		BEVO1BT		JUG	IRON RICH GLAZE	B	1	1	5	5		WHITE DEP INT			
196		BEVO2BT		JUG		BS	1	1	7	7					
196		BEVO2BT		JUG		BS	1	1	3	3		BLACK DEP INT			
196		BEVO2BT		JUG		BS	1	1	11	11	SPALLED EXT				
196		BEVO2BT		JUG	WAVY COMBED DEC	BS	1	1	7	7					
196		BEVOBT		JUG/JAR	SPOTS OF GLAZE ON BASE	B	1	1	6	6					
196		BEVOBT		JAR	KNIFE TRIMMED BASE	B	1	1	34	34		HEAVILY SOOTED EXT			
196		BEVOBT		JAR		B	1	1	6	6		SOME SOOTING EXT			
196		BEVOBT		JAR		BS	1	1	22	22					
196		BEVOBT		JAR	KNIFE TRIMMED BASE	B	1	1	38	38		HEAVILY SOOTED BASE; WHITE DEP INT			
196		BEVOSANDYT		JAR		B	2	1	16	8	ABRA				
196		DONCB		JUG		BS	1	1	5	5					
196		LEMS		JAR		BS	1	1	20	20		SOOTED EXT			
196		YG		JAR		B	1	1	31	31		SOOTED EXT			
196		YG		JAR		BS	2	2	12	6					
196		YG		JAR		BS	1	1	10	10		SOOTED EXT; BLACK DEP INT			

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
196		YG		JAR		BS	2	2	20	10		SOOTED EXT			
198		BEVO1BT		JUG		BS	1	1	3	3					
198		BEVOBT		JAR		R	1	1	3	3		HEAVILY SOOTED EXT; BLACK DEP INT			
199		BEVOX		JUG	SHL=303=312	BS	1		19	19					
199		DONCB		JUG	NOTCHED, COMBED VERT APPLIED STRIP	BS	1	1	7	7					
199		STAXT		JAR		BS	1	1	15	15		SOOTED EXT			
206		EYQC		JAR		BS	1	1	1	1					
300		BEVO1BT		JUG		BS	1	1	3	3	ABRA				
300		BEVO2BT		JUG		BS	1	1	15	15					
300		BEVO2BT		PIPKIN		BS	1	1	31	31		HEAVILY SOOTED EXT			
300		BEVO2BT		PIPKIN		BS	1	1	3	3		HEAVILY SOOTED EXT			
300	JY TO CHECK ID	LEMS		JAR		BS	1	1	9	9		SOOTED EXT			
300		YORK/DONCB		JUG		BS	1	1	25	25		SOOTED EXT			
303		BEVO1BT		JUG		BS	1	1	32	32		SOOTED EXT; GREY DEP INT			
303		BEVO1BT		JUG		BS	5	5	16	3.2					
303		BEVO2BT		JUG		BS	1	1	16	16	FRIED GLAZE				
303		BEVOBT		JUG	NO GLAZE; PULLED SPOUT	R	1	1	7	7					
303		BEVOBT		JUG/JAR	THIN WALLS	BS	4	1	37	9.25		GREY DEP INT			
303		BEVOBT		JAR		BS	2	2	15	7.5		SOOTED EXT			
303		BEVOBT		JAR		BS	1	1	16	16	EXT SPALLEDAWAY	BLACK DEP INT			
303		BEVOBT		JUG/JAR		BS	3	3	22	7.333333333					
303	DR	BEVOBT		JAR		R	1	1	37	37					
303		BEVOBT		JAR		B	1	1	13	13		SOOTED EXT			
303		BEVOBT		JUG/JAR	MANY SPOTS OF GLAZE ON BASE	B	1	1	262	262	OVERFIRED				
303		BEVOBT		JUG/JAR	SPOTS OF GLAZE ON BASE	B	1	1	227	227					
303		BEVOBT		JAR		B	1	1	23	23		SOOTED EXT			

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
303		BEVOSANDYT		JAR		BS	1	1	14	14					
303	DR	BEVOSANDYT		CURFEW		B	1	1	43	43	SPALLED INT	SOOTED RIM INT			
303		BEVOX		JUG	SHL=199=312	BS	1	1	2	2					
303		BEVOX		JAR		BS	1	1	7	7					
303		DONCA		JUG		BS	1	1	8	8					
303	JY TO CHECK ID	LEMS		JAR		BS	1	1	15	15					
303		STAXT		JAR		BS	1	1	13	13					
303		YG		JAR		R	1	1	97	97					
303		YG		JAR		BS	3	3	13	4.333333333		SOOTED EXT			
303		YG		JAR		R	1	1	19	19		SOOTED EXT			
303		YORK/DONCB		JUG		BS	2	1	14	7					
303		YORK/DONCB		JUG		BS	3	1	26	8.666666667					
303		YORK/DONCB		JUG		BS	1	1	22	22					
305	DR	BEVO2BT		JUG	SQUARED RIM	R	1	1	16	16					
305		BEVOBT		JAR	SPOT OF GLAZE INT	B	1	1	10	10		SOOTED EXT			
305		BEVOBT		JAR		BS	1	1	5	5		SOOTED EXT			
305	DR	BEVOBT		OBJECT	KNIFE TRIMMING INT/EXT; TWO HOLES PUSHED TRHOUGH FROM OUTSIDE 8 ACROSS	BS	1	1	114	114		HEAVILY SOOTED INT			
305		YORK		JAR		B	1	1	11	11		HEAVILY SOOTED EXT			
307		BEVO2BT		JUG		BS	1	1	17	17					
307		BEVOBT		JAR		BS	1	1	8	8		SOOTED EXT			
307		BEVOBT		JUG/JAR		BS	1	1	1	1					
307	DR	BEVOBT		JAR		R	1	1	6	6		HEAVILY SOOTED EXT AND ON RIM			
307		DONCB		JUG	WAVY COMBED DEC	BS	1	1	9	9					
307		NGR		JAR		BS	1	1	10	10					
308		BEVO1BT		JUG		BS	3	1	38	12.66666667					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
308		BEVO2BT		JUG		BS	2	2	6	3	GRITTY GLAZE				
308		BEVOBT		JAR		B	1	1	32	32		HEAVILY SOOTED EXT			
308		BEVOBT		JAR	SPOTS OF GLAZE ON BASE	B	1	1	80	80		SOOTED EXT; BLACK DEP INT			
308	DR	BEVOBT		JAR		R	1	1	32	32		SOOTED UNDER RIM			
308		BEVOBT		JAR	KNIFE TRIMMED BASE	B;BS	2	1	25	12.5		SOOTED EXT			
308		BEVOBT		JAR	KNIFE TRIMMED BASE	B	1	1	13	13		SOOTED EXT			
308		BEVOBT		JAR	SEVERAL SPOTS OF GLAZE	BS	1	1	8	8		SOOTED EXT			
308		BEVOBT		JAR		BS	1	1	6	6		SOOTED EXT			
308		DONCA		JAR		BS	1	1	25	25					
308		DONCB		JAR	SPOTS OF GLAZE EXT	BS	1	1	15	15		HEAVILY SOOTED EXT			
308		STAXT		JAR		B	1	1	30	30	ASHY DEP INT	SOOTED EXT			
308		YG		JAR		BS	2	2	16	8		TRACES OF SOOTING EXT			
308		YG		JAR		BS	2	1	48	24	BURNT EXT				
308		YG		JAR		BS	1	1	19	19		HEAVILY SOOTED EXT			
308		YG		JAR		B	1	1	27	27		HEAVILY SOOTED EXT; BLACK DEP INT			
308		YG		JAR		BS	1	1	5	5	BURNT INT	SOOTED EXT			
312		BEVO2BT		JUG		BS	2	2	21	10.5	GRITTY GLAZE				
312		BEVOBT		JAR		B	1	1	65	65		SOOTED EXT			
312		BEVOBT		JAR		BS	1	1	11	11	PITTED SPALLING EXT	WHITE DEP INT			
312		BEVOBT		JAR	SPOTS OF GLAZE	BS	1	1	17	17		SOOTED EXT			
312		BEVOX		JUG	SHL=199=303	BS	3		15	5					
313		BEVOBT		JUG/JAR		B	1	1	62	62	POCKED SPALLING EXT				
181;NWCORNER	JY TO CHECK ID	LEMS		JAR		R;B;BS	30	1	624	20.8		SOOTED EXT			
TR1 U/S		BEVO1BT		JUG	IRON IN GLAZE	BS	1	1	2	2					
TR1 U/S		BEVO1BT		JUG		B	1	1	14	14					
TR1 U/S		BEVO1BT	cugl	JUG	CU IN GLAZE	BS	1	1	7	7					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
TR1 U/S		BEVO2BT		JUG	PALE VERT STRIPS	BS	1	1	10	10					
TR1 U/S		BEVO2BT		JUG		BS	4	4	50	12.5					
TR1 U/S	DR	BEVO2BT		JUG		R	1	1	65	65					
TR1 U/S		BEVOAT		JUG	THUMBED BASE; NO GLAZE	BS	1	1	30	30	POCKED SPALLING				
TR1 U/S		BEVOBT		JAR	SMEAR OF GLAZE EXT	BS	1	1	12	12		HEAVILY SOOTED EXT; WHITE DEP INT			
TR1 U/S		BEVOSANDYT		JAR		BS	1	1	24	24					
TR1 U/S		HUM		LARGE JUG	STRAP HANDLE ABOUT 70 ACROSS	H	1	1	271	271					
TR1 U/S	JY TO CHECK ID	LEMS		JAR		BS	1	1	15	15		SOOTED EXT; BLACK DEP INT			
TR1 U/S		STAXT		JAR		BS	1	1	25	25					
TR1 U/S		YORK		JUG		BS	1	1	2	2					
U/S		ANIMAL BONE				BS	1	1	9	9					
U/S		BEVO1BT		JUG		BS	1	1	6	6					
U/S		BEVO1BT		JUG	DIAGONAL THUMBED STRIP	BS	1	1	30	30					
U/S		BEVO2BT		JUG	DIAGONAL APPLIED STRIP	BS	1	1	18	18					
U/S		BEVO2BT		JUG		BS	3	2	7	2.333333333					
U/S		BEVO2BT		JUG	SOME THUMBING; GLAZE IS IRON RICH	BS	1	1	139	139					
U/S		BEVO2BT	cugl	JUG	THUMBED BASE ALL ROUND; GLAZE ON BASE ONLY; CU IN GLAZE	BS	1	1	63	63					
U/S		BEVOBT		JUG/JAR		BS	4	4	82	20.5		NO SOOTING			
U/S		BEVOSANDYT		JAR		BS	1	1	2	2					
U/S		HAMB		JUG		BS	1	1	37	37					
U/S		HUM	PURPLE	JUG	GLAZE INT	BS	1	1	7	7					
U/S		LEMS		JAR		BS	1	1	9	9					

Context	Action	cname	subfabric	Form	Description	Part	Nosh	NoV	Weight	ASW	Condition	Use	L	B	TH
U/S		MTIL		FLAT	SALT SURFACING	BS	1	1	89	89					
U/S		STONE	BLUE SCHIST	HONE	TOP AND BASE WORN ON BOTH FACES; BROKEN AT BOTH ENDS	BS	1	1	26	26			>50	18-20	8-12
U/S		YORK		JUG	THUMBED BASE	BS	1	1	6	6					

Appendix 2 Basic record of leather from OSA07 EV01 by context

Context 303

1 Near complete turnshoe sole for right foot of adult size. Worn away at the toe and a hole at the outer edge of the seat. Worn oval toe, petal-shaped tread, wide waist and seat. Edge/flesh seam, stitch length 7mm. Not repaired.

Length 281mm; width tread 98mm, waist 61mm, seat 78mm

Estimated shoe size Adult 8(42)

2 Incomplete turnshoe sole of adult size, upper tread and toe only. Broken from sole, with two small holes present possibly from repair. Edge/flesh seam, stitch length 5-6mm. Surviving length 112+mm, width 95mm

3 Forepart clump repair for right foot, adult size. Oval toe with heavily worn tunnel stitching around the edge on the flesh side. Length 98mm, width 80mm

4 Rand fragment width 8mm

5 Upper fragments, 3 fragments torn from a shoe upper, one with lasting margin. Leather bovine 1.38mm thick

2 pieces of wood

Context 308

6 Near complete turnshoe sole for right foot of adult size. Toe broken off, hole worn through centre of tread and outer toe joint. Petal-shaped tread, wide waist and seat. Edge/flesh seam, stitch length 6-7mm. Heavily worn stitching from at least two large repairs to both the tread and seat.

Length 263mm; width tread 99mm, waist 63mm, seat 78mm

Estimated shoe size Adult 6(39)

7 Near complete turnshoe sole of adult size. Heavily worn and broken at the toe, worn through at the seat, distorted, foot uncertain. The position and extent of wear suggests a foot pathology. Short, pointed toe, petal-shaped tread, medium/wide waist and wide seat. Edge/flesh seam, stitch length 6mm. Worn tunnel stitching from repairs to tread and seat.

Length 299mm; width tread 93mm, waist 54mm, seat 72mm.

Estimated shoe size Adult 10(45)

8 Forepart clump repair for right foot, matching turnshoe sole (7) above. Short oval toe, worn through at the toe, tunnel stitching around the edge of the flesh side.

Length 145mm, width 97mm

9 Incomplete turnshoe sole probably for left foot of adult size. Broken tread and much of the left side of the sole broken. The lower tread, wide waist and seat present. Worn through at the toe and tread. Edge/flesh seam, stitch length 6mm. Stitching from repairs to tread and seat. No complete dimensions.

10 fragment broken from the edge of a clump repair with tunnel stitching present.

11 3 small broken fragments of narrow rand, width 6mm

12 36+ small fragments of broken shoe upper, three with lasting margin present, stitch length 6mm. Leather bovine 1.87mm thick

13 Slightly tapering strip, the wider end skived, the narrower is torn. Likely to be a secondary waste trimming, possibly a fastening strap. Leather bovine 1.76mm thick.

Length 120mm, width 8-10mm