



St Joseph's Covent York

Report on an Archaeological Excavation

Part 2 Specialist Reports and Catalogues

Site	St Joseph's Monastery, Lawrence Street, York
Site Code	YVS16
County	North Yorkshire
NGR	SE 61404 51241
Planning Application No	14/02404/FULM
Development	Conversion, part demolition and extension of existing convent buildings and erection of 14 no. three and four storey buildings to provide student residential and ancillary accommodation (660 bed spaces) with vehicle access to Lawrence Street
Date of Issue	01/02/18
Site Dates	Phased 2016-2017
Project management	Excavation: Gigi Signorelli Post Excavation: Donna Signorelli
Client	Select Property
<p>Summary</p> <p>This document includes reports prepared during the post excavation analysis of the material culture extracted during excavations at St Joseph's Convent during 2016. It includes specialist assessments and catalogues for the following:</p> <ul style="list-style-type: none"> • Ceramics- Roman, Medieval and Later • Animal Bone • Glass • Lithics • Ceramic Building Material • Metal and Small Finds • Worked Rock Crystal • Brief Coin Identification • Environmental and Biological • Lead finds <p>This document is supplementary to St Joseph's Excavation Results and Discussion Part 1</p>	

TABLE OF CONTENTS

TABLE OF CONTENTSIII

ROMAN POTTERY I.M ROWLANDSON1

ROMAN POTTERY CATALOGUE.....8

MEDIEVAL AND LATER POTTERY C.G CUMBERPATCH BA PHD.....12

POTTERY ADDITIONAL REPORT C.G CUMBERPATCH BA PHD28

MEDIEVAL AND LATER POTTERY CATALOGUE.....29

ANIMAL BONE E. CHIPPING123

GLASS DR.R BROADLEY145

GLASS CATALOGUE149

LITHICS G. LOFFMAN BA MSC151

LITHICS CATATLOGUE165

CERAMIC BUILDING MATERIAL, STONE AND ARCHITECTURAL FRAGMENTS AND MISCELLANEOUS J.M MC COMISH169

METAL AND SMALL FINDS N. ROGERS.....194

STRATIFIED METAL FINDS CATALOGUE200

NON STRATIFIED METAL FINDS CATALOGUE201

A FRAGMENT OF WORKED ROCK CRYSTAL P. WALTON ROGERS220

BRIEF COIN CATALOGUE R. BRICKSTOCK224

ASSESSMENT OF BIOLOGICAL REMAINS FROM SEDIMENT SAMPLES J. CARROTT AND J. SHEPPARD229

ASSESSMENT OF LEAD K. CLAXTON237

ROMAN POTTERY I.M ROWLANDSON

September 2017

The Roman pottery from the excavation totalled 140 sherds, weighing 1.469kg, 1.45RE. The condition of the sherds is mostly heavily abraded with few fresh sherds. The majority of the Roman sherds were found stratified with post-Roman finds and could best be considered as 'background noise' from occasional dumping of waste in the area. The freshest material was retrieved from the Plaza area. The majority of the pottery could be dated to the late 1st to early 3rd century AD suggesting that this was the main period of activity on the site during the Roman period. A typical range of Ebor wares and grey ware accompanied by samian and amphorae were present. A limited quantity of late Roman pottery was also retrieved including Crambeck grey ware and calcite-gritted ware from the Plaza area.

Methodology

The pottery has been archived using count and weight as measures according to the guidelines laid down for the minimum archive by *The Study Group for Roman Pottery* (Darling 2004) using the codes fabric and form codes in use for York prefixed with a 'Y' (Monaghan 1997) and the database structure and other codes developed by the City of Lincoln Archaeological Unit- CLAU (see Darling and Precious 2014). An attempt at a 'maximum' vessel estimate has been made following Orton (1975, 31). The archive record (below) is an integral part of this report and will be curated in an Access database available from the author in a digital format. Thanks go to Hugh Fiske for producing the tabulated data and to LS Archaeology for site information.

Dating

The detailed archive is presented at the end of this report. The table below provides a quantified spot dating summary by context. The majority of the Roman pottery was found stratified with post-Roman finds. The table below presents the date of the Roman pottery only: the full text of the report and the other specialist reports should be consulted to ascertain the date attributed to each deposit.

As nearly all of the pottery was residual in later contexts little more needs to be said about the dating range other than the majority of sherds were typical of the later 1st century to early 3rd century AD with small quantities of late Roman pottery from the Plaza and Orchard 3 areas

YVS16 Roman Pottery Dating Summary						
Context	Area	Spot date	Comments	Sherd	Weight (g)	Total RE %
007	AREA D	AD160-225	A rim fragment from an Ebor ware flagon with a cup rim (rim as Monaghan 1993, No. 2870).	1	15	12
029	ORCHARD 3	L3-4	Sherds of Crambeck grey ware and an oxidised basal sherd.	3	192	0
053	ORCHARD 3	L1-E3	A single oxidised body sherd.	1	6	0
065	AREA A	AD120-200	A small group of abraded Ebor ware sherds and a Central Gaulish samian sherd.	8	11	0
069	AREA A	L1-E3	A small group of Ebor ware.	5	15	0
071	AREA A	AD160-250	A small group of Ebor ware and the base from an East Gaulish samian bowl.	6	56	0
075	ORCHARD 3	L3-4	A small group including a sherd of Crambeck grey ware and a heavily abraded white ware sherd, possibly of Crambeck Parchment ware.	2	21	7
077	ORCHARD 3	L1-E3	A single oxidised sherd from a jar or bowl.	1	16	8
084	AREA A	M3-4	A grey ware narrow necked jar with a frilled rim (rim form as Monaghan 1997 No. 3839), a colour-coated Castor box lid (form as Perrin 1990 No. 1418) and oxidised fragments of Ebor ware or tile.	8	84	13
097	AREA A	Roman	A small group of Ebor ware and grey ware.	5	16	0
103	AREA A	Roman	A small group including a sherd from a grey ware lid and sherds of Ebor ware or tile.	5	41	12
109	AREA A	AD120-200	A small group including a samian sherd and an Ebor ware jar with an everted rim.	2	9	7
116	AREA A	AD160-250	A small group of Ebor ware and the base from an East Gaulish samian bowl.	4	81	0

YVS16 Roman Pottery Dating Summary						
Context	Area	Spot date	Comments	Sherd	Weight (g)	Total RE %
119	AREA A	L1-E3	A single Ebor ware sherd.	1	6	0
121	AREA A	Roman	Two abraded grey ware sherds.	2	10	0
123	AREA A	AD160-200	A basal fragment from a Central Gaulish samian form 31 bowl.	3	55	0
125	AREA A	L1-E3	A single Ebor ware sherd.	1	6	0
128	AREA A	Roman	Abraded grey ware and oxidised ware sherds.	2	7	0
137	AREA A	L1-3	A single heavily abraded Gaulish amphora sherd.	1	5	0
152	AREA A	L1-E3	A small group including heavily abraded Ebor ware and an Ebor ware mortarium sherd.	2	34	0
157	AREA A	L1-E3	A small group of gritty Ebor ware sherds	7	56	0
160	AREA A	L1-2	A small group of Ebor ware including a tazza rim (rim as RCHMY J.93.1055).	2	34	13
162	AREA A	L1-E3	A small group including Ebor ware and a handle sherd from a flagon in an Ebor white-slipped ware.	6	49	0
169	AREA A	L1-E3	A small group of Ebor ware and a sherd of Dressel 20 amphora.	4	135	0
174	AREA A	L1-E3	A small group including an Ebor ware sherd.	2	10	0
195	AREA A	L1-E3	A small group including Ebor ware and a grey ware jar with an everted rim.	3	21	7
198	PLAZA	AD160-225+	A small group including Ebor and white-slipped Ebor wares and grey ware including a lid with a beaded rim (Perrin 1990 No. 1295).	8	125	6
255	PLAZA	L1-E3	A single Ebor ware sherd.	1	4	0
257	PLAZA	Roman	A single oxidised sherd or small tile fragment.	1	4	0
285	PLAZA	L1-E3	A flagon handle in a white slipped Ebor ware fabric and a single grey ware sherd.	2	33	0
295	PLAZA	AD120-200	A single samian sherd.	1	1	0

YVS16 Roman Pottery Dating Summary						
Context	Area	Spot date	Comments	Sherd	Weight (g)	Total RE %
335	PLAZA	L1-E3	A small group of oxidised sherds.	2	8	0
337	PLAZA	L1-3	A basal fragment from a Gaulish flat-based amphora (fabric as Tomber & Dore 1998, GAU AM1).	1	19	0
357	PLAZA	AD120-200	A small group including an abraded Ebor ware jar with a plain beaded rim.	2	6	12
359	PLAZA	Roman	A single grey ware sherd.	1	5	0
399	PLAZA	AD120-200	Abraded samian and Ebor ware sherds	2	5	0
426	PLAZA	AD120-200	A small group including Central Gaulish samian, a grey ware jar with an everted rim, an Ebor ware carinated legionary style bowl and a hemispherical bowl.	11	86	11
460	PLAZA	AD160-225	A small group including grey ware and rim sherd from a cup-mouthed flagon in an Ebor white-slipped ware.	2	14	15
462	PLAZA	Roman	A single grey ware sherd.	1	4	0
470	PLAZA	L1-E3	An abraded grey ware sherd and an Ebor ware sherd.	2	5	0
476	PLAZA	AD120-200	A small group of Ebor ware sherds including a rim from a hemispherical bowl.	3	12	4
482	PLAZA	M2-4C	An abraded rim sherd from a grey ware lipped bowl or dish.	1	13	7
608	PLAZA	3-4C	A small group including burnished grey ware and calcite-gritted ware body sherds.	7	101	0

Overview of fabrics and forms

The fabrics and forms from the site as a whole are shown in the tables below.

YVS16 Fabric Summary							
Fabric code	Fabric group	Fabric details	Sherd	Sherd %	Weight (g)	Weight %	Total RE %
YS3	Samian	Central Gaul (Lezoux)	9	6.43%	69	4.70%	2
YS4	Samian	Eastern Gaul	4	2.86%	114	7.76%	0
DR20	Amphora	Dr 20 amphorae	1	0.71%	23	1.57%	0
GAU	Amphora	Undifferentiated Gaulish amphorae	2	1.43%	24	1.63%	0
YM3	Mortarium	Ebor with standard oxidised fabric	1	0.71%	27	1.84%	0
YC1	Fine	Lower Nene Valley colour coat, cream	1	0.71%	17	1.16%	0
YC1?	Fine	Lower Nene Valley colour coat, cream	1	0.71%	3	0.20%	0
YE1	Oxidised	Eboracum 1	42	30.00%	343	23.35%	63
YE1?	Oxidised	Eboracum 1	26	18.57%	170	11.57%	0
YE2	Oxidised	Eboracum 2	3	2.14%	29	1.97%	8
YE5	Oxidised	Eboracum 5	1	0.71%	170	11.57%	0
YP2?	Oxidised	Crambeck late parchment ware	1	0.71%	15	1.02%	7
YW1	Oxidised	Ebor 1 white slipped	4	2.86%	81	5.51%	15
YB0	Reduced	Unknown burnished ware	1	0.71%	28	1.91%	0
YB1	Reduced	Black-burnished ware 1	1	0.71%	6	0.41%	0
YB12	Reduced	Crambeck grey ware	3	2.14%	28	1.91%	0
YB3	Reduced	Local grey-burnished ware	1	0.71%	8	0.54%	0
YG0	Reduced	Misc. grey fabrics	10	7.14%	91	6.19%	19
YG1	Reduced	Local grey ware	23	16.43%	162	11.03%	31
YK0	Calcareous	Misc. calcite-gritted handmade fabric	5	3.57%	61	4.15%	0

YVS16 Form Summary							
Form	Form Type	Form Description	Sherd	Sherd %	Weight (g)	Weight %	Total RE %
YA	Amphora	Unclassified form	3	2.14%	47	3.20%	0
37	Bowl	Samian form- see Webster 1996	3	2.14%	112	7.62%	0
YBC3	Bowl	Carinated bowl, legionary style with plain rim	1	0.71%	31	2.11%	2
YBF	Bowl	Flanged	1	0.71%	15	1.02%	7
YBH	Bowl	Hemispherical	1	0.71%	6	0.41%	2
YBH1	Bowl	Hemispherical with a bead rim and one or two medial grooves	1	0.71%	6	0.41%	2
YYB2	Castor Box	Castor Box Lid	1	0.71%	17	1.16%	0
31	Dish	Samian form- see Webster 1996	3	2.14%	55	3.74%	0
YDP	Dish	'Pie dish'	1	0.71%	13	0.88%	7
YF	Flagon	Unclassified form	2	1.43%	34	2.31%	0
YFC	Flagon	Cup-Mouthed	2	1.43%	26	1.77%	27
YJ	Jar	Unclassified form	2	1.43%	39	2.65%	2
YJE	Jar	Everted rim	4	2.86%	37	2.52%	30
YJP2	Jar	Plain rimmed	1	0.71%	5	0.34%	12
YJT1	Jar	Handled jar with frilled rim	2	1.43%	24	1.63%	13
YLA	Lid	Plain rimmed	2	1.43%	20	1.36%	12
YLD	Lid	With beaded rim	1	0.71%	15	1.02%	6
YT	Misc	Tazza	1	0.71%	26	1.77%	13
YM	Mortarium	Unclassified form	1	0.71%	27	1.84%	0
-	Unknown	Form uncertain	107	76.43%	914	62.22%	10

Small quantities of Central and East Gaulish samian were retrieved as would be expected from an assemblage in the vicinity of the York *colonia*. Small sherds of the Southern Spanish globular Dressel 20 and Gaulish flat bottomed type amphorae were retrieved but mostly as small fragments. Mortaria were scarce with a single fragment from a local Ebor ware product the only vessel noted.

Other fine wares were limited to a colour-coated Castor box lid. The low level of colour-coated wares present was probably due to the majority of the assemblage being of 2nd century AD date when such wares scarcely reached York.

As would be expected from an early to mid Roman site in the vicinity of York the majority of pottery was of Ebor ware type produced by the local potters serving the legion. The range of forms in the Ebor 1 fabric that were evident included a tazza, carinated bowls and jars with everted rims. The white-slipped Ebor ware appeared to be from flagons, all of the rims present were of cup rimmed type. Much of the oxidised wares from the site were very abraded and it was not certain if all of the material recorded here was from vessels or may have been heavily abraded fragments of local tile (YE1?).

Grey wares were also well represented, mostly of local 2nd century AD types with smaller quantities of burnished grey ware and Crambeck grey ware of late Roman date. A single sherd of Black Burnished ware 1 was also retrieved.

Calcite-gritted wares present were limited to a small number of bodysherds from context 608 that probably dated to the 4th century AD. No shell-gritted Dales ware or other late Roman coarse gritted fabrics were noted amongst the assemblage

Conclusions

The majority of the material was heavily abraded and it suggests that much of the material may have been deposited in the topsoil during the Roman period, perhaps as a result of distribution of waste dumped from the *colonia* itself (Bryant 2011). This interpretation would fit with comments about the Roman ceramic building material retrieved from this site (McCormish, this volume).

Recommendations

Although these sherds were mostly from post-Roman contexts there are few groups of Roman pottery from this area outside of the *colonia*. The pottery should be retained and deposited in the relevant local museum. A note on the Roman pottery referencing this assessment report would be appropriate as part of any publication of this site.

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ROMAN POTTERY CATALOGUE

Area	Context	F No	F Type	Other dating	Roman spot date	Earliest Roman Horizon	Latest Roman Horizon	Roman pottery comments
AREA D	007	007	Machine stripping horizon	c1840-1950 (maj. sherds C11th-C13th; CBM 13-16th	AD160-225	CP2B	CP3A	A rim fragment from an Ebor ware flagon with a cup rim (rim as York 2870).
ORCHAR D 3	029	029	Machine stripping horizon	Mixed MC11th-C15th; CBM 13-16th	L3-4	CP4A	CP4C	Sherds of Crambeck grey ware and an oxidised basal sherd.
ORCHAR D 3	047	048	Pit	12 c1350-c1450/1500; CBM 13-16th	L1-E3	CP1A	CP3A	A single oxidised sherd.
ORCHAR D 3	053	054	Pit		L1-E3	CP1A	CP3A	A single oxidised body sherd.
AREA A	065	066	Ditch		AD120-200	CP2A	CP2B	A small group of abraded Ebor ware sherds and a Central Gaulish samian sherd.
AREA A	069	070	Furrow	10 c1150-1250; CBM 13-16th;	L1-E3	CP1A	CP3A	A small group of Ebor ware.

Area	Context	F No	F Type	Other dating	Roman spot date	Earliest Roman Horizon	Latest Roman Horizon	Roman pottery comments
				EBA flint scraper				
AREA A	071	072	Grave	10 c1150-1250; CBM 13-16th	AD160-250	CP2B	CP3B	A small group of Ebor ware and the base from an East Gaulish samian bowl.
ORCHAR D 3	075	076	Cow pit		L3-4	CP4A?	CP4C	A small group including a sherd of Crambeck grey ware and a heavily abraded white ware sherd possibly of Crambeck Parchment ware.
ORCHAR D 3	077	076	Cow pit	9 c1050/70-c1150	L1-E3	CP1A	CP3A	A single oxidised sherd from a jar or bowl.
AREA A	084	084	Machine stripping horizon	E-Mod c1720-c1840; CBM 16-18th; 18-20th glass	M3-4	CP3B	CP4B	A grey ware narrow necked jar with a frilled rim (rim form as York 3839), a colour-coated Castor box lid (form as York 1418) and oxidised fragments of Ebor ware or tile.
AREA A	116	092	Ditch		AD160-250	CP2B	CP3B	A small group of Ebor ware and the base from an East Gaulish samian bowl.
AREA A	097	098	Ditch		Roman	CP1A	CP4C	A small group of Ebor ware and grey ware.
AREA A	123	098	Ditch	CBM 13-16th	AD160-200	CP2B	CP2B	A basal fragment from a Central Gaulish samian form 31 bowl.
AREA A	103	104	Ditch	CBM 13-16th	Roman	CP1A	CP4C	A small group including a sherd from a grey ware jar or bowl and sherds of Ebor ware or tile.
AREA A	137	104	Ditch		L1-3	CP1A	CP3B	A single heavily abraded Gaulish amphora sherd.
AREA A	109	110	Ditch	CBM 1-4th	AD120-200	CP2A	CP2B	A small group including a samian sherd and an Ebor ware jar with an everted rim.
AREA A	121	110	Ditch	CBM 1-4th	Roman	CP1A	CP4C	A single abraded grey ware sherd.
AREA A	119	120	Ditch	E-Mod c1720-c1840	L1-E3	CP1A	CP3A	A single Ebor ware sherd.
AREA A	125	126	Furrow		L1-E3	CP1A	CP3A	A single Ebor ware sherd.
AREA A	128	129	Furrow	CBM 13-16th	Roman	CP1A	CP3A	Abraded grey ware and oxidised ware sherds.
AREA A	152	153	Furrow	CBM 13-16th	L1-E3	CP1A	CP3A	A small group including heavily abraded Ebor ware and an Ebor ware mortarium sherd.
AREA A	157	158	Furrow	c1840-1950 (maj. Sherds C11th-C13th)	L1-E3	CP1A	CP3A	A small group of gritty Ebor ware sherds
AREA A	160	161	Ditch	Recent c1840-1950; CBM 13-	L1-2	CP1A	CP2B	A small group of Ebor ware including a tazza rim (rim as RCHMY

Area	Context	F No	F Type	Other dating	Roman spot date	Earliest Roman Horizon	Latest Roman Horizon	Roman pottery comments
				16th				J.93.1055).
AREA A	169	170	Ditch	10 c1150-1250; CBM 13-16th	L1-E3	CP1A	CP3A	A small group of Ebor ware and a sherd of Dressel 20 amphora.
AREA A	174	174	Machine stripping horizon	c1840-1950; CBM 16-18th; c1780-20thC Glass	L1-E3	CP1A	CP3A	A small group including an Ebor ware sherd.
AREA A	195	196	Ditch	CBM 1-4th	L1-E3	CP1A	CP3A	A small group including Ebor ware and a grey ware jar with an everted rim.
PLAZA	198	198	Machine stripping horizon	c1840-1950; CBM 13-16th; EM19 glass; meso flint	AD160-225+	CP2B	CP3A+	A small group including Ebor and white-slipped Ebor wares and grey ware including a lid with a beaded rim (York No. 1295).
PLAZA	295	222	Pit	9 c1050/70-c1150	AD120-200	CP2A	CP2B	A single samian sherd.
PLAZA	221	222/4 21	Pit	9 c1050/70-c1150; CBM 13-16th	L1-E3	CP1A	CP3A	A small group of Ebor ware including a jar with an everted rim (rim as York 3793) and a grey ware sherd.
PLAZA	255	256	Linear/pit		L1-E3	CP1A	CP3A	A single Ebor ware sherd.
PLAZA	257	258	Pit	8/9 c930-C1050/c1050/70-c1150	Roman	CP1A	CP4C	A single oxidised sherd or small tile fragment.
PLAZA	285	285	Machine stripping horizon	c1840-1950; CBM 13-16th	L1-E3	CP1A	CP3A	A flagon handle in a white slipped Ebor ware fabric and a single grey ware sherd.
PLAZA	335	336	Pit	9 c1050/70-c1150; CBM 14-16th	L1-E3	CP1A	CP3A	A small group of oxidised sherds.
PLAZA	337	338	Pit	10/11 C1150-C1250/C1250-1350	L1-3	CP1A	CP3B	A basal fragment from a Gaulish flat-based amphora (fabric as Tomber & Dore 1998 GAU AM1).
PLAZA	357	358	Burnt area	9 c1050/70-c1150; CBM 1-4th	AD120-200	CP2A	CP2B	A small group including an abraded Ebor ware jar with a plain beaded rim.
PLAZA	359	360	Pit	9 c1050/70-c1150; CBM 13-16th	Roman	CP1A	CP4B	A single grey ware sherd.
PLAZA	399	400	Pit	CBM 1-4th	AD120-	CP2A	CP2B	Abraded samian and Ebor ware sherds

Area	Context	F No	F Type	Other dating	Roman spot date	Earliest Roman Horizon	Latest Roman Horizon	Roman pottery comments
					200			
PLAZA	426	426	Hand cleaning horizon	12 c1350-c1450/1500; CBM 14-16th; PM glass	AD120-200	CP1A	CP2B	A small group including Central Gaulish samian, a grey ware jar with an everted rim, an Ebor ware caninated legionary style bowl and a hemispherical bowl.
PLAZA	460	461	Drain	9 c1050/70-c1150	AD160-225	CP2B	CP3A	A small group including grey ware and rim sherd from a cup-mouthed flagon in an Ebor white-slipped ware.
PLAZA	462	463	Circular feature	9 c1050/70-c1150	Roman	CP1A	CP4C	A single grey ware sherd.
PLAZA	470	471	Cobbled linear	9 c1050/70-c1150	L1-E3	CP1A	CP3A	An abraded grey ware sherd and an Ebor ware sherd.
PLAZA	476	477	Linear	10 c1150-1250; CBM 13-16th	AD120-200	CP2A	CP2B	A small group of Ebor ware sherds including a rim from a hemispherical bowl.
PLAZA	482	483	Box section		M2-4C	CP2A	CP4C	An abraded rim sherd from a grey ware lipped bowl or dish.
PLAZA	608	608	Layer	CBM 1-4th	3-4C	CP2B?	CP4C?	A small group including burnished grey ware and calcite-gritted ware body sherds.

June 2017

Introduction

The medieval and later pottery assemblage from the York Vita Student site (YVS16) was examined by the author between the 4th January and the 4th June 2017. It consisted of a total of 1672 sherds of pottery weighing 27731 grams and represented a maximum of 1599 vessels. The Roman and Romano-British pottery from the site was separated from the later material before recording began and is the subject of a separate report (Rowlandson, 2017). The pottery was recorded by the area of the site and the context from which it came and the data is shown in Tables 1 to 8. Additional material (clay tobacco pipes, tile, bone etc) included with the pottery is listed in Table 9 and the total quantity of pottery from each area of the site is summarised in Table 10.

The pottery

The pottery was classified with reference to the most recent published report on medieval pottery from York (Mainman and Jenner 2013), to the extensive work of Gareth Watkins and Peter Didsbury on the Beverley ware industry (Watkins 1987, 1991, Didsbury 2005, 2011, Didsbury and Holbrey 2009) and to Young and Vince on the local and regional Gritty wares (nd, see also Cumberpatch 2002, 2007). This approach is consistent with the principles and standards set out in the currently accepted standards document for pottery analysis and reporting (PCRG/SGRP/MPRG 2016).

The compositional profile of individual context groups was used to assign contexts to a ceramic period (CP), as defined by Mainman and Jenner (2013:1172-1175). In many cases this proved relatively straightforward but in others small quantities of later medieval pottery (notably Humberware) were present in otherwise early assemblages. Elsewhere on the site (notably in the Plaza area) the same situation involved small quantities of early modern and recent pottery in otherwise earlier assemblages. In some specific cases this was attributed to the intrusion of later material into an earlier context (discussed on a case-by-case basis below) but in others context groups were assigned to hybrid ceramic periods (8\9, 9\10, 10\11). These too are discussed in greater detail, below. Some of these ambiguities may be resolved when the stratigraphic data can be compared with the data from the various categories of finds but this information was not available to the author at the time of writing.

Post-medieval and later ceramic periods have yet to be defined for York so the periodisation used by the author for the rest of Yorkshire has been adopted to cover pottery of 18th, 19th and 20th century date (Early Modern and Recent; c.1720 – c.1840 and c.1840 – c.1950 respectively; see Cumberpatch 2014).

Ceramic period 8\9 (c.930 – c.1050 / c.1050/70 – c.1150)

There was little extensive evidence for the existence of activity on the site during ceramic period 8 but a small group of contexts from the Plaza area (258, 378, 393, 394 and 599) was dominated by Stamford type ware and Torksey type ware with single sherds of White Sandy ware, York d ware, Hand-made Sandy ware and a possible small (1 gram) sherd of Beverley 2 ware. The profile is broadly consistent with CP8 (Mainman and Jenner 2013: 1174) but could equally belong to the early part of CP9 if the Torksey type wares are considered to be residual.

Stamford type ware was well represented (as it was in CP9) although identifiable vessel types were scarce. The range of fabrics included both very fine white fabrics typical of Stamford ware as well as the somewhat sandier Fabric A, as defined by Kilmurry (1980), which dates to the early 10th to later 11th centuries. There was no evidence to indicate a link with the Pontefract Stamford ware pottery and indeed fine sandy textured A type fabrics were not identified amongst the Pontefract assemblage (Roberts *et al* 2013). The most distinctive typological feature of the Pontefract assemblage (the extensive use of wheel-stamps) was notable by its absence from the assemblage as a whole (Cumberpatch and Roberts 2013:145).

The Hand-made Sandy ware, identified in small quantities in this period and in assemblages from subsequent periods (noted below) was not one that could be readily identified with a specific York ware. The sherds were characterised by a fine, hard, sandy textured fabric with abundant fine sub-rounded quartz (around 0.5mm, occasionally up to 1mm) and occasional fine chalk grains. The finish was of a high quality and it was only slight irregularities in the thickness of the sherds which marked them out as hand-made rather than wheel-thrown. The suggested date range in the 11th to 12th centuries is indicative only; an earlier date cannot be ruled out.

The Torksey type wares were broadly as described by Mainman (1990:422-444) and the late 9th century and later date ascribed to them is based upon the work of the late Alan Vince (pers. comm.).

Ceramic period 9 (c.1050/70 – c.1150)

A large group of contexts from the Plaza and Orchard 3 areas were attributed to CP9 and the phase was characterised by the presence of Gritty wares, Beverley wares and Stamford type wares with smaller quantities of unattributed Sandy wares and Shell Tempered ware. Other types, such as Doncaster Hallgate B ware were represented by individual sherds while the small quantities of Torksey-type ware were probably residual in nature.

The Gritty wares typical of CP9 have been described by Mainman and Jenner (2013:1178-1184) and the range of fabrics and forms (specifically the diversity of rim shapes) documented in the type series were well represented in the present assemblage. Although the generic term 'Gritty ware' has been used in order to maintain consistency with the York type series, it should be clear from the notes that there was considerable diversity within the group, similar to that documented by Young and Vince (nd) for

the Castle Gate site in Wetherby and found much more widely in Yorkshire. The sub-division represented by the category of Fine Gritty ware further reflects this diversity. How far it represents changes in clay procurement over time and how far it reflects the activities of different potters and potteries, drawing on similar but distinct clay sources, is unclear, particularly as both could be factors in the observable variability between vessels and groups of vessels. One sherd (context 208) was identified as similar to the distinctive gritty wares found associated with the Pontefract Stamford ware assemblage, the date range of which remains ambiguous (Roberts *et al* 2013). Further work at the regional level is required to resolve the numerous questions around the origins and characteristics of the Gritty ware industry but such work is beyond the scope of an individual site report.

Where identifiable to vessel type, cooking pots and jars were the predominant form and the presence of soot, carbonised fat and other burnt food residues attested to the widespread use of these vessels for cooking on open fires. This is consistent with the suggestion by the author of a clear distinction between Gritty and Sandy ware vessels which goes beyond functionality and is implicated in the constitution of the symbolic and structural underpinnings of medieval society (Cumberpatch 1997).

The classification of the Sandy wares posed a number of problems. Mainman and Jenner have proposed a series of broad generic categories based on the texture and colour of the wares and code names to identify and distinguish them (2013:1186 – 1196). While this is common practice where sherds and vessels cannot be attributed to a specific source, such terms are generally less useful than those based upon the identification of a specific source and a name which reflects this. In the current case it is clear both from the text (Mainman and Jenner 2013:1189) and from the examination of the sherds in the present assemblage that some of the sandy wares (specifically the Fine Oxidised (FOX) wares) can in fact be identified as Beverley wares, originating in the eponymous East Yorkshire town. Given this, the use of the FOX code has been restricted to cases where the sherds were of a fine oxidised sandy character but where they were not identifiable as Beverley wares. In cases where the sherds were identifiable as Beverley ware, the more widely accepted terminology has been preferred and the two principal categories (Beverley 1 and Beverley 2) have been identified and distinguished. A full account of Beverley ware and its classification can be found elsewhere (Watkins 1987, 1991, Didsbury 2005, 2011, Didsbury and Holbrey 2009). It is difficult to see why, given the existence of both published accounts of the Beverley pottery industry and of an accessible physical reference collection (curated by the Humber Archaeology Partnership), the type has not been definitively identified amongst the York assemblages discussed by Mainman and Jenner and the established nomenclature used in the York publications.

Other categories of sandy ware proposed by Mainman and Jenner have been used in the data tables where sherds appeared to conform to their descriptions and the question of the origins of these wares remains unresolved. In cases where sherds could not be identified to either specific named types or the categories proposed by Mainman and Jenner, other generic names have been used. In the case of the Buff Sandy ware group, this should probably be linked with the finer of the types proposed by Young and Vince (nd), Fabric 2, which they note can be so fine as to be similar to Stamford ware. Similar fine buff-coloured wares were identified by the author amongst the

Pontefract Castle assemblage (Cumberpatch 2002) and it is probable that further work would identify a specific regional type, a finer counterpart of the buff to white Gritty wares that constitute such a significant part of Yorkshire medieval pottery assemblages dating to the period between the 11th and later 13th centuries.

It is of considerable interest to note the quantity of regional imports used in York during the medieval period and specifically during this earlier medieval period. York appears to be unusual in not having a significant local pottery industry in the pre- and post-Conquest period, unlike Beverley and Doncaster where local industries thrived and in some cases were able to export pots to York on a significant scale. The study of medieval pottery, while it has achieved much in terms of the characterisation and identification of individual wares and is moving towards the standardisation of terminology (at least outside York), has yet to tackle a wide range of issues around the socio-economic dimensions of the pottery industry, including the structure and organisation of the regional trade in pottery.

Stamford type ware was abundant in contexts attributed to CP9 and the wide date range proposed (late 9th to late 11th century) may reflect more the difficulty of dating individual sherds with any accuracy than it does the actual date range of this phase of activity on the site. The lack of chronologically diagnostic forms or decorative motifs amongst the present assemblage precludes closer dating in cases other than those in which the fabric could be identified as Kilmurry's late Fabric A (as noted in the data tables). One notable sherd (context 304, feature 208) was a piece of Gritty ware of the type found associated with the Pontefract Stamford ware kiln. Hitherto rarely identified outside Pontefract, this sherd is the sole definite evidence in the assemblage which indicates a link between Pontefract and York, something that is of interest given the limited evidence for the use of Pontefract Stamford ware in York (Cumberpatch and Roberts 2103:145).

Torksey-type wares were present in a number of the CP9 contexts (notably the Plaza; contexts 222, 253, 265, 299, 309, 329, 347, 357, 422, 432, 526, 587) although the quantities were small and most were probably residual in character. Individual sherds of Humberware were noted in contexts 29 and 47 (Orchard 3), 229, 265 and 432 (Plaza) with a sherd of Staxton / Potter-Brompton ware from context 207. These sherds have been interpreted as intrusive in earlier contexts.

Ceramic period 10 (c.1150 - 1250)

Three contexts in the Plaza area (430, 476 and 520) and contexts 63, 69, 71, 91, 105, 122, 111, 133, 146, 148, 152, 154, 169 and 173 from Area A were attributed to CP10, although the small size of many of the context groups from Area A should be noted. These assemblages were distinguished by the presence of York Glazed ware (Mainman and Jenner 2013:1203 – 1224, Mainman 1993: 588), Brandsby-type ware and Scarborough 2 ware amongst small groups of Gritty ware, Stamford ware, Beverley 1 and 2 ware and unidentified sandy wares.

Ceramic period 10\11 (c.1150 – c.1250 / c.1250 - 1350)

Contexts 235, 246, 337, 381, 500, 581 (Plaza) and 287 (Knavesmire A) were attributed to CP10\11 and these assemblages were characterised by the presence of Staxton/Potter-Brompton type ware (Brewster and Hayfield 1992) alongside wares familiar from earlier periods, notably Gritty ware, Fine Gritty ware, Stamford type ware and a variety of unidentified sandy wares. Torksey type ware was sparse (occurring only in context 381) and was probably residual in character. Context 337 included a sherd of Tees Valley B/C type ware, distinguished by a coating of pale buff slip externally (Wrathmell 1987, 1990, Didsbury 2010; see also Mainman and Jenner 2013: 1249-50).

Ceramic period 11 (c.1250 – c.1350)

Ceramic period 11 was represented in only three contexts; 231 and 446 (Plaza) and 166 (Area A). Context 231 contained just one sherd of pottery (a piece of Staxton\Potter-Brompton ware) and the other groups were not large. Following Mainman and Jenner (2013: 1230-1256) the presence of Brandsby type ware (Brooks 1987: 153-4, Jennings 1992:24-26) was taken as definitive of this period and it was accompanied by York Glazed ware, Beverley ware (types 1 and 2) and a range of earlier wares including Gritty ware, Stamford type ware and Torksey type ware, the earlier types presumably residual. Context 446 also included a single sherd of Humberware which might more properly be thought of as belonging to the subsequent period but which in this context might also be interpreted as intrusive.

Ceramic period 12 (c.1350 – c.1450/1500)

Ceramic period 12 (Mainman and Jenner 2013:1257-1292) was well represented in the assemblages with notable groups from the Plaza (contexts 213, 237, 276, 259, 324, 353, 408, 407, 416, 418, 424, 524, 517, 537, 563, 577, 589 and possibly 426 although the latter contained several sherds of recent date), from Area D (contexts 10, 16, 18 and 20) and from Orchard 3 (context 47). The context groups typically included a wide range of earlier, residual, material (including Scarborough 1 ware, York Glazed ware, Beverley ware and Staxton\Potter-Brompton ware as well as the ubiquitous Gritty wares and local or unidentified sandy wares) alongside Humberware and other later medieval types, including a small quantity of European pottery

Humberware has been the subject of a considerable amount of research and was one of the regionally dominant types in the period between the later 13th and 15th centuries (Hayfield and Grieg 1990, Hayfield 1992, Mayes and Hayfield 1980, Cumberpatch 2002, Watkins 1987, Mainman and Jenner 2013; 1275-1282). It was particularly common in contexts 424 and 426 although as might be expected, the later medieval contexts also included considerable proportions of earlier residual material, as set out in the data tables. Amongst the identifiable vessel forms in Humberware fabrics (principally jugs and jars) were a number of drinking jugs (contexts 7, 47, 418, 424, 426, and possibly 18, 489 and 589) similar to those documented as Walmgate ware by Mainman and Jenner (2013:1257 – 1261). Unusually, no cisterns were identified although they are regularly found in later medieval assemblages. One sherd of Purple Glazed Humberware was identified in context 524.

Other later medieval wares included small quantities of unidentified types (Late Medieval Gritty ware, Late Medieval Sandy ware) with small quantities of other types including Green Glazed Sandy ware (context 426), the latter a late development of Humberware.

European imports were represented by Low Countries Redware (contexts 259, 407, 418 and 424; see Watkins 1987, Mainman and Jenner 2013: 1286-1288), Raeren and other German stoneware (Mainman and Jenner 2013: 1288-1291, Gaimster 1997; contexts 416, 424 and 577).

Cistercian ware, manufactured between c.1450 and 1600 represents one of the earliest 'post-medieval' wares (Cumberpatch 2003) and the start of the rapid break with the medieval pottery tradition. It was a rare component of the assemblage discussed here and was identified only in contexts 55 and 59 (Orchard 3) alongside earlier residual sherds. It could be argued that these two contexts actually belong to the subsequent period although, as noted below, there was little evidence for post-medieval activity on the site.

Ceramic period 13 / Post-medieval period (c.1450/1500 – c.1720)

Very few contexts could be attributed to the post-medieval period and the scarcity of such common types as Blackware, Redware and early types of Slipware together with the scarcity of Cistercian ware and Late Humberware (Green Glazed Sandy ware) suggests that the site saw little activity during this period. The assemblage from context 530 included the base of a Yellow ware vessel of probable 17th century date although this was residual in a more recent context.

The early modern period (c.1720 – c.1840)

Only two contexts on the Plaza site were assigned to the early modern phase; 532 and 609. In both cases the quantity of pottery was small; two joining sherds of Creamware from context 609 and one sherd of Late Blackware from context 532, associated with a larger (but presumably residual) sherd of Brandsby type ware. Given the small quantities of pottery, it is possible that these contexts should be considered alongside the contexts assigned to the 'Recent' group (below), some of which (notably context 530) included sherds of 18th century date alongside both earlier and later material. Late Blackware, Mottled ware, Slipware, Edged ware and Pearlware were all represented in this context.

Area A also produced a small quantity of early modern pottery with single sherds of Late Blackware from contexts 84, 89 and 113 and a sherd of Slipware and two sherds of White Salt Glazed Stoneware from context 119. In all cases except context 119, the later sherds were associated with larger quantities of medieval pottery; this has been assumed to be residual in character, but it is also possible that the early modern pottery was intrusive in earlier contexts.

Recent (c.1840 – c.1950)

In contrast to the post-medieval and early modern periods, the recent period was well represented. The Orchard 1, Merchant, Area A, Area D, Courtyard and Plaza sites all produced assemblages of recent pottery, often associated with earlier, residual, material. This latter component included examples of many of the wares described above, including wares typical of CP9 including Stamford type ware and a small quantity of Torksey type ware.

On the Plaza site, contexts 198, 209, 217, 273 and 530 all produced substantial mixed groups of pottery which included a wide range of medieval and later wares alongside quantities of 19th century pottery. Contexts 617 and 285 contained smaller groups of a similar date. It should also be noted that the assemblage from context 426 also included two sherds of Brown Salt Glazed stoneware and a sherd of Jackfield ware, all of which were considerably later in date than the bulk of the material from this context; whether these date the context or could be considered intrusive is difficult to say.

The range of recent wares was unsurprising and included examples of tableware, kitchenware and utilitarian ware, although Brown and Yellow Glazed Coarsewares were notable by their rarity, in contrast to the situation in other northern cities where the former at least is virtually ubiquitous. Context 530 produced sherds from yellow-glazed dishes with brown mottling internally but these were considerably smaller than the typical pancheons.

In contrast with the lack of domestic utilitarian wares, Unglazed Red Earthenware was relatively common with flower pots and other horticultural vessels represented in contexts 113, 174, 198, 209, 217, 273, 285 and 530.

The range of tablewares included Whitewares, both plain and transfer printed. Identifiable printed designs included the ubiquitous Willow, Two Temples and Asiatic Pheasants with other, unidentifiable, Chinese style landscapes and floral designs (contexts 67, 88, 113, 160 and 530). Context 117 was unusual in that it contained just one sherd, the lid of a tooth powder jar bearing black printed label.

Bone China was scarce, being represented by sherds from contexts 113 and 530, one of which bore an Chinese style transfer printed design.

Colour Glazed wares were identified in contexts 7, 174 and 530. The sherd from context 530 was from a teapot and those from 7 and 174 probably from jugs.

Kitchen wares included a Cane Coloured ware pie dish (context 530) while Banded ware bowls included examples on both white and cane coloured bodies (contexts 113,

428).

In general terms, although the quantities were relatively small, the post-1840 assemblage was of a typical domestic character.

Discussion

The following discussion is organised by the areas of the site from which pottery was recovered. It would normally be the author's practice to try to discuss the pottery assemblage in relation to the contexts and features identified during the excavation. In this case however the absence of a detailed stratigraphic report precluded such an account. The following notes are presented as a preliminary alternative and are based on the context register rather than on an interpretative account of the site.

Orchard 1 (Table 1)

The Orchard 1 area produced just three sherds of pottery, all of it of mid 19th century or late date, from two contexts/features (88 and 117). Two sherds were from tablewares (a plate and a cup or mug) while the third was part of the lid of a tooth powder jar.

Orchard 3 (Table 2)

The Orchard 3 area produced a small assemblage consisting of fifty-two sherds of pottery weighing 390 grams from ten contexts. The majority of contexts represented the fills of small pits and postholes and contained small groups of sherds. Pits 34, 52, 58, and 62 were all attributed to CP9 on the basis of their contents which consisted principally of Gritty ware and Beverley wares (1 and 2). Pit 76 (the 'cow pit') was attributed to the same phase but the contents were rather different, consisting primarily of Stamford type ware with just one small sherd in a reduced sandy fabric. It is possible that this distinction is chronological and Pit 76 is slightly earlier than the four small pits but given the small quantities involved in each case, chance factors could have played a part in the composition of the pottery assemblages.

Pit 48 contained a mixed assemblage of sherds which included, York Glazed ware, Humberware and Staxton /Potter Brompton ware with earlier material which included Gritty ware and Beverley 1 ware. The presence of the later medieval wares, notably the base of a Humberware drinking jug, suggests that the feature be dated to CP12, significantly later in date than the small pits and the cow pit.

Contexts 55 and 59, the fills of posthole 56 and a small pit, 60, were distinguished by the presence of single sherds of Cistercian ware alongside Gritty and FOX type wares, suggesting a late medieval or early post-medieval date (CP12\13) for the features. Cistercian wares were generally very scarce in the assemblage as a whole, perhaps suggesting that these features represented a phase of activity that was otherwise poorly represented on the site.

Context 29, the machine-stripped horizon, produced a small mixed group which included Gritty ware and Humberware. Given the nature of the context, this may have been the result of the method of recovery although the absence of anything other than medieval pottery suggests that the machined layers were of medieval date.

Merchant (Table 3)

The Merchant area produced a small assemblage consisting of twenty-two sherds weighing 249 grams from a single context, 174. Although the greater part of the assemblage consisted of medieval pottery, the presence of sherds of Brown Glazed Fineware, Colour Glazed ware and Unglazed Red Earthenware suggested that the context was of a 19th or early 20th century date with a significant residual element consisting of medieval wares similar to those from elsewhere on the site, notably Gritty ware (mid 11th to early/mid 13th century) and a small quantity of other wares, including Humberware type.

Area A (Table 4)

Machine stripping

A largely medieval assemblage was recovered from the machine stripping of the area (context / feature 84) and this included a range of types found elsewhere on the site (notably Brandsby type ware, Beverley 2 ware and Gritty ware) with just one later sherd, the footed base of a late Blackware vessel.

Context/feature 173 produced one small sherd of Beverley 1 ware.

Roman period features

The fill of features 92, 110, 89 68 and 170 (contexts 91, 122, 89, 67 and 169 respectively), all associated with Roman-period activity all contained either single sherds or small mixed groups of pottery, the latter including a range of medieval wares alongside much later material. In the case of features 92 and 110 single sherds of Reduced Sandy ware and Beverley 2 ware were recovered which might suggest some form of medieval activity in CP9 and possibly CP10; given the extensive evidence for residuality across the site, some caution must be employed in interpreting the significance of single sherds of pottery as both could be residual in later features. The contents of feature 170, filled by context 169 were broadly similar although without the Brandsby type ware component.

Features 68 and 89 both contained sherds of early modern and recent pottery respectively. In the case of context 89 a small sherd of 18th century Late Blackware was present alongside York Glazed ware and FOX type ware. Context 67 was somewhat later with three sherds of transfer printed (TP) Whiteware alongside somewhat larger sherds of medieval pottery. Notwithstanding the association with Roman material this would suggest disturbance at a much later period.

Furrows and other agricultural features

Furrows and other agricultural features (64, 70, 112, 147, 149, 153 and 155) contained small assemblages of medieval pottery. The assemblages tended to be mixed in nature and some of the sherds were abraded, presumably as a result of having been exposed to agricultural activity. The majority of the assemblages belonged to CP10 but features 120, 158, 161 were notable for the presence of later wares. In the case of feature 120, all three sherds were of early modern date while 158 and 161 produced both medieval and modern material.

Boundary ditch 134 contained just one small sherd of Beverley 2 ware (context 133).

Ditch 168, filled by context 166, was attributed to CP11 and contained a mixed group of Gritty wares, Beverly wares (1 and 2) and Brandsby type ware.

Pits

Features 106 and 114, both pits, contained very different assemblages. Pit 106 contained just two sherds of Beverley 2 ware but the fill of Pit 114 was considerably later in date with just two heavily abraded medieval sherds and a much larger group of mid 19th to early 20th century wares with one sherd of Late Blackware.

Area D (Table 5)

Area D produced an assemblage consisting of 118 sherds weighing 1290 grams representing a maximum of 113 vessels. Over 50% (51.6%) of the total was recovered from the machine stripping of the area (feature / context 7) and this was assigned to the 'Recent' horizon on the basis of three sherds which were of mid/late 19th to early 20th century date. The remainder of the assemblage was of mixed medieval date and included Gritty ware, Stamford type ware, Beverley wares (1 and 2), York Glazed ware and Humberware.

Pottery from stratified features was, with the exception of one feature (4) was ascribed to CP12. Feature 4, the cut of a linear feature, contained one sherd in a buff coloured fabric probably dating to between the mid 11th and late 13th century.

Context 10, the fill of the northern terminus of a linear feature (11) contained a mixed assemblage that was largely of mid 11th to early 14th century date but included a sherd of Humberware of late 13th to 15th century date, perhaps suggesting an overall date for the filling of the feature in the late 13th or early 14th centuries.

Feature 17, a quarry pit, was filled by context 16 which contained an assemblage similar to that from feature 11. Gritty ware and Beverley 2 ware were both present in

significant quantities with one sherd of Humberware, a combination which may suggest a later 13th century date for the filling, with some of the Gritty wares and the sherd of Stamford type ware being residual.

Contexts 18 and 20 represented the fills of two 'animal bone' pits (features 19 and 21 respectively). Both contained sherds of Humberware alongside groups of sherds of earlier and contemporary medieval date.

Knavesmire A (Table 6)

The Knavesmire A area produced an assemblage consisting of seven sherds weighing 59 grams from a single context, 287, the fill of Ditch 288. The assemblage included sherds of Beverley 2 ware and Staxton/Potter-Brompton type suggesting that it belonged to CP10 or CP11 but with a small earlier residual element (Gritty ware).

Courtyard (Table 7)

The assemblage from the Courtyard area (fifteen sherds weighing 806 grams representing a maximum of thirteen vessels) was recovered from a single context, 428, and was of mixed character. The earliest sherds were of later medieval type (Late Humberware and Hambledon type ware) but these were most probably residual in a later context which was of 19th or perhaps even of early 20th century date. Utilitarian wares dominated the assemblage with stoneware bottles, jars and cooking wares particularly prominent. Tablewares were limited to sherds of Blue Banded ware and Slip Banded Cane Coloured (CC) ware and the assemblage also included two fragments of flowerpots.

Plaza (Table 8)

The Plaza area produced the largest assemblage of pottery from any area of the site; 1339 sherds weighing 23491 grams representing a maximum of 1279 vessels. Most of the local ceramic periods were represented from 8/9 to the recent period.

On the basis of the pottery data, features 258, 344, 395 and 582 (all pits of various sizes) were the earliest in date and belonged to CP8/9. Torksey type ware and Stamford type ware predominated with individual sherds of Hand-made Sandy ware, York d ware and White Sandy ware. A very small sherd of Beverley 2 ware from context 394 was probably intrusive in an earlier feature.

Features ascribed to CP9 were particularly numerous and the pottery assemblages from this period constituted 44.8% of the total from the Plaza as a whole.

The details of the assemblages from each of the features are listed in Table 8 and while a detailed discussion would be inappropriate in the absence of a stratigraphic report, a number points can be made which may be of wider significance.

A cross-context and cross-feature join linked pit 415 and post hole 528 (contexts 526 and 528), perhaps suggesting that the filling of the two features occurred at the same time. Similarly, contexts 209 and 304, the fills of pits 210 and 208, were linked by joining sherds from a Gritty ware cooking pot, again suggesting a link between the filling of the features. Context 304 also contained the sherd of Pontefract Gritty ware 1, mentioned above.

The assemblage from context 207, the fill of pit 208, was dominated by Gritty wares, including the complete profile of a cooking pot. A sherd of Staxton / Potter-Brompton type ware from the same context may be intrusive but could indicate a later date for the filling of the feature. The same may be true of the small sherds of Humberware from contexts 229, 265 and 432 (features 230, 266 and 433 respectively) and two sherds of Brandsby-type ware from context 265. The presence of these later sherds amongst much larger groups of earlier wares appears to be the result of intrusion but the possibility that that they date the features and that large-scale residuality was responsible for the presence of the earlier wares cannot be ruled out and the evidence of other finds and of the stratigraphic relationships between the features may be required to resolve the issue.

Two pits (210 and 218) were of an ambiguous date and have been discussed below alongside features believed to be of recent date but may belong to CP9.

Ceramic period 10 was represented by just three features; 430, 476 and 520 (an oval feature, a linear feature and a wheel-rut respectively). The assemblages were not particularly distinctive and the sherds tended to be small in size. Context 430 included a sherd of Scarborough ware but beyond this the range of wares was unremarkable.

Ceramic period 11 was also represented by a relatively small assemblage from two features; 232 and 447, (the former, an rectangular pit) containing just one sherd of Staxton / Potter-Brompton ware. The assemblage from feature 446 (a linear feature) was somewhat larger and was of mixed character with Torksey type ware, Stamford type ware alongside York Glazed ware and Brandsby type ware with one sherd of Humberware. This would suggest a late medieval date for the fill which incorporated earlier material.

Features 236, 246, 338, 344, 501 and 582 (all pits and post holes) were attributed to an intermediate phase 10/11, as discussed above. Beverley 1 ware, Gritty ware and Staxton / Potter-Brompton ware were particularly prominent with smaller quantities of other types including Stamford type ware but in the absence of details of the features and their inter-relationships, little else can be said. The details of all the assemblages are summarised in the data table.

Ceramic period 12 was represented by 23.8% of the pottery from the Plaza area. Humberware predominated although, as might be expected, considerable amounts of earlier, residual, material was present in many of the features. European wares were represented by sherds of Low Countries Redware (contexts 259, 407 and 418) and Raeren stoneware (context 577) while context 426, described as a horizon rather than a feature, included sherds of 18th century Stoneware and mid-19th century Jackfield ware. These may be intrusive but the uncertain nature of the context means that no final conclusion can be presented to account for their presence.

Evidence for activity in the early modern period, apart from the sherd from context 426 was very limited with just two sherds from contexts 532 and 609, the former associated with a rod handle from a Brandsby type ware jug.

Three pits (contexts 210, 218 and 275), a well independently dated to the 19th century (192), the underpinning of a wall (530) and two areas of machine stripping (198 and 285) produced assemblages dating to the recent period (c.1840 – c.1950).

Pits 210 and 218 contained assemblages (from contexts 209 and 217 respectively) which consisted mainly of medieval wares datable to CP9 but in both cases with single sherds of Unglazed Red Earthenware (probably from flowerpots) which may indicate that they were of 19th century date. The sherds cannot be definitely said to indicate a recent date as they could be intrusive and it is possible that both of these features should be considered to belong to CP9, discussed above. The same might be true of pit 275 (filled by context 273) but this feature contained a larger group of Unglazed Red Earthenware (three sherds) and a slightly more mixed assemblage of medieval pottery (including Humberware and Beverley 1 ware). It is to be hoped that the stratigraphic position of these features and/or other finds from the fills will resolve this issue.

One context (617) associated with the well (192) produced a complete stoneware bowl of later 18th or 19th century date. This would seem to suggest that the context had seen little or no disturbance since its creation.

Context 530, the underpinning of a wall, produced a very mixed assemblage which included small quantities of residual medieval pottery (Torksey-type ware, York Glazed ware, Scarborough 1 ware, Buff Sandy ware, Humberware) alongside larger, later components. Late medieval to early post-medieval wares were represented by sherds of Late Humberware with a sherd of Yellow ware of a somewhat later date. Early modern wares included a range of vernacular tablewares (Slipware, Mottled ware, Late Blackware) with formal tablewares represented by two sherds of Pearlware and two sherds of Edged ware. Recent wares included Whiteware, transfer printed Whiteware (Willow and Asiatic Pheasants), Bone China and various decorated refined earthenwares (Cane Coloured ware, Slip Banded Cane Coloured (CC) ware, Colour Glazed ware), all of 19th century date. Utilitarian wares included Stoneware, Brown Glazed Coarseware, Mottled Yellow Glazed Fineware and Unglazed Red Earthenware. This range of

wares is typical of a 19th century domestic assemblage and reflects the final shift away from small-scale potteries in favour of industrial potteries producing the full range of wares required by households and retailers.

Acknowledgements

Thanks are due to Lisa Wastling and Peter Didsbury for their assistance with the identification of the Beverley wares.

Curation and archiving

The assemblage should be deposited in the appropriate local museum or finds depository where it will be available for further research in the future, including the analysis of selected samples for purposes of characterisation and identification. It should not be discarded, sampled, dispersed or broken up for teaching collections.

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June 2017

Introduction

Subsequent to the main phase of excavation on the site of St Joseph's Monastery, York (YVS16), a test pit excavated on the site of the monastic buildings produced a small group of sherds from a single context, 608. This report outlines the nature of the assemblage and further work that is required for a full report. The details of the assemblage are summarised in Table 1.

The pottery

The pottery assemblage consisted of seven sherds of pottery and was accompanied by a piece of an unidentified material, apparently part of some form of hollow vessel although the nature of the material from which it was made was not clear.

The pottery consisted of a mixed group of two sherds of wheel-thrown Roman Greyware and five sherds of hand-made calcite-tempered ware. Of the latter, three sherds were of pre-Roman Iron Age or Roman period date (with two slightly different fabrics represented) and two of probable late Roman (3rd to 4th century) date. These sherds may belong to either the Dales ware or Huntcliffe ware types. It is recommended that the Greyware and Dales/Huntcliffe type sherds are forwarded to a Roman pottery specialist for further comment and closer dating.

The sherds of H1 Calcite and H3 Calcite and Chalk types were classified with reference to the typology originally proposed by Peter Didsbury but revised by the author and extensively discussed elsewhere (Cumberpatch 2016, Leary and Cumberpatch 2016). They are clearly recognisable as part of the tradition of hand-made pottery established in the Early to Middle Iron Age in eastern and north-eastern Yorkshire and which persisted until the late Roman period, alongside the standard range of Romano-British wheel thrown wares. Distinguishing pre-Roman from Roman period wares in these fabrics has proved to be impossible as there seems to have been no substantial change in clay procurement, working practices or style which is detectable archaeologically. On rural sites at least there seems to have been a strong preference for traditional pottery over wheel-thrown wares although further work is required before the precise nature of the relationship between the two is fully understood.

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MEDIEVAL AND LATER POTTERY CATALOGUE

Area D

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
9	4	3	Buff Sandy ware	1	17	1			Rim	Jug	Collared rim w/ internal bevel; spot of spl gl on top of rim	MC11 th – LC13 th	Fine buff to pale grey fabric w/ fine quartz & red grit up to 0.2mm, occ larger
12	11	10	Beverley 1 ware	1	27	1			Base	Hollow ware	Patchy splash glaze on underside of base	E/MC12 th – EC13 th	A slightly sandy version of Beverley 1 w/ fine quartz & chalk
12	11	10	Beverley 1 ware	1	10	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Sandy textured; abundant fine round quartz up to,0.5mm, mainly finer
12	11	10	Beverley 1 ware	1	10	1	U/ID	U/ID	Rim	Hollow ware	Clubbed rim w/ pointed lip	E/MC12 th – EC13 th	Sandy; abundant quartz up to 0.2mm, occ up to 0.5mm
12	11	10	Beverley 1 ware	1	14	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Pale grey int, pale orange ext margin; sandy texture w/ abundant quartz up to 0.2mm, occ larger
12	11	10	Beverley 1 ware	1	4	1			BS	Hollow ware	Mottled green glaze ext	E/MC12 th – EC13 th	Pale grey to dull orange sandy fabric
12	11	10	Beverley type ware	1	8	1			Fragment	U/ID	U/Dec	E/MC12 th – EC14 th	Very heavily abraded featureless bright orange fragment
12	11	10	Beverley type ware	1	6	1			BS	Hollow ware	U/Dec	E/MC12 th – EC14 th	Dark orange sandy fabric; abundant fine quartz occ up to 0.5mm
12	11	10	Beverley type ware	1	5	1			BS/Flake	Hollow ware	U/Dec	E/MC12 th – EC14 th	A very heavily abraded pale orange-buff flake w/ fine quartz & very fine mica
12	11	10	Brandsby type ware	3	19	1			BS	Hollow ware	Patchy mottled green glaze ext	E/MC13 th – C14 th	Pale buff sandy fabric w/ abundant fine quartz up to 0.2mm, occ larger, rare round 'pebbles'

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
12	11	10	Buff Sandy ware	1	11	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Fine buff sandy textured body, as Gritty ware lacking the coarse quartz element
12	11	10	Buff Sandy ware	1	1	1			BS	Hollow ware	Very pale green glaze ext	MC11 th – E/MC13 th	A fine light buff sandy fabric
12	11	10	Gritty ware	5	36	5			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff throughout
12	11	10	Gritty ware	1	17	1	19	10	Rim	Jar	Square-sectioned angular rim	MC11 th – E/MC13 th	Pinkish-buff gritty ware at the finer end of the spectrum
12	11	10	Gritty ware	1	14	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff gritty ware, sooted on underside
12	11	10	Gritty ware	1	11	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Abundant, well-sorted quartz up to 1mm, occ up to 2mm
12	11	10	Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	As Gritty ware but dull grey ext, buff int
12	11	10	Humberware	1	52	1			Base	Hollow ware	U/Dec	LC13 th – C15 th	Reduced int, oxidised ext
12	11	10	Oxidised Gritty ware	1	5	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Finer gritty ware, pale orange w/ sooting ext
12	11	10	Oxidised Gritty ware	1	5	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Sparse/common quartz up to 1mm in an orange body
12	11	10	Splash Glazed Gritty ware	1	51	1			Strap handle	Jug	Patchy pale green/clear spl gl ext	MC11 th – E/MC13 th	Narrow strap handle; buff to pale grey; abundant round quartz up to 1mm, rarely larger
12	17	16	Beverley 2 type ware	3	82	1			BS	Hollow ware	Patchy green splash glaze ext	EC13 th – EC14 th	A sandy textured fabric w/ fine quartz, occ up to 0.5mm, sparse fine mica & chalk
12	17	16	Beverley 2 ware	1	22	1			Base	Hollow ware	Odd spots of splash glaze int	EC13 th – EC14 th	Chipped & pitted int & ext; orange fabric w/ fine quartz up to 0.2mm
12	17	16	Beverley 2 ware	1	10	1			BS	Hollow ware	Patchy green glaze ext	EC13 th – EC14 th	Bright orange margins int & ext w/ grey core; abundant fine quartz <0.2mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
12	17	16	Beverley 2 ware	1	2	1			BS	Hollow ware	Pale green splash glaze ext	EC13 th – EC14 th	Pale grey core w/ orange int & ext margins
12	17	16	Gritty ware	1	10	1	U/ID	U/ID	Rim	Jar	Rounded overhanging rim	MC11 th – E/MC13 th	Typical buff fabric w/ common, well-sorted quartz & sparse red grit up to 1mm, occ up to 2mm
12	17	16	Gritty ware	2	24	2			BS	Hollow ware	Rilled profile	MC11 th – E/MC13 th	
12	17	16	Gritty ware	1	14	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Thin-walled, possibly hand-made but not HMGW as defined by Young & Vince
12	17	16	Gritty ware	1	6	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Finer textured gritty ware w/ sparse/moderate grit up to 1mm, sparser than typical
12	17	16	Humberware	1	22	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	Oxidised throughout
12	17	16	Oxidised Gritty ware	1	11	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Dull orange gritty ware w/ quartz & rock frags up to 1mm; sooted ext
12	17	16	Stamford type ware	1	6	1			BS	Hollow ware	Thin clear to pale green glaze ext	LC9 th – LC11 th	Secondarily burnt & slightly discoloured
12	19	18	Brandsby type ware	2	50	2			BS	Hollow ware	Mainly unglazed, patchy green glaze on one sherd	E/MC13 th – C14 th	
12	19	18	Fine Gritty ware	1	11	1	U/ID	U/ID	Rim	Jar	Everted, clubbed sub-angular rim	MC11 th – MC13 th	Orange-buff margins, pale grey core w/ moderate quartz grit up to 0.6mm
12	19	18	Fine Oxidised (FOX) type ware	1	3	1			BS	Hollow ware	Rilled body ext	MC11 th – MC12 th	Orange surfaces int & ext, grey core w/ sparse fine quartz & occ fine rock frags
12	19	18	Gritty ware	3	14	3			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff/white fabric w/ abundant quartz up to 1mm, occ larger
12	19	18	Humberware	2	10	2			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	
12	19	18	Humberware	1	10	1			BS	Hollow	Shallow ridges ext	M –	Probably part of a globular drinking

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
			type							ware		LC14 th	jug
12	19	18	York Glazed ware	2	3	2			BS	Hollow ware	Dark green glaze ext	MC12 th – MC13 th	White fabric; small abraded sherds
12	19	18	York Glazed ware	1	7	1			BS	Jug	Combed wavy lines ext below neck ridge; friable green glaze ext	MC12 th – MC13 th	Fine pale grey to white sandy fabric w/ fine quartz up to 0.4mm, mainly finer
12	21	20	Buff Sandy ware	1	8	1			BS	Hollow ware	Sparse, patchy thin pale green glaze ext	MC11 th – LC13 th	Very fine, abundant quartz & sparse white non-crystalline grains up to 0.2mm, occ up to 0.5mm
12	21	20	Humberware	1	6	1			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	
12	21	20	Stamford type ware	1	1	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	
Recent	7	7	Beverley 1 ware	7	64	7			BS	Hollow ware	Patchy green splashed glaze ext	E/MC12 th – EC13 th	
Recent	7	7	Beverley 1 ware	1	19	1			Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	Pitted & abraded ext
Recent	7	7	Beverley 2 ware	3	26	3			BS	Hollow ware	One sherds w/ a patch of green glaze ext	EC13 th – EC14 th	
Recent	7	7	Beverley 2 ware	1	18	1			Base	Hollow ware	U/Dec	EC13 th – EC14 th	Abraded edges; burnt ext
Recent	7	7	Beverley type ware	1	5	1			Base	Hollow ware	U/Dec	E/MC12 th – EC14 th	Bright orange ext margin, pale grey int; moderate, well sorted quartz up to 0.5mm
Recent	7	7	Beverley type ware	1	3	1	U/ID	U/ID	Rim	Jar	U/Dec	E/MC12 th – EC14 th	Small everted rim; abraded
Recent	7	7	Buff Sandy ware	1	6	1			Base	Hollow ware	Pinched 'feet' ext	LC11 th – C13 th	Buff sandy fabric w/ abundant fine quartz up to 0.5mm, mainly finer
Recent	7	7	Colour Glazed ware	1	6	1	U/ID	U/ID	Rim	Mug/jug	Brown glaze int w/ u/id black design ext	LC19 th – C20 th	
Recent	7	7	Fine Gritty ware	1	17	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff to white, sandy rather than gritty in texture

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
Recent	7	7	Fine Gritty ware	1	9	1			BS	Hollow ware	Fine finish	LC11 th – C13 th	Distinctive fine, dense grey fabric w/ thin brown margins; moderate, sub-angular quartz up to 0.5mm, mainly finer
Recent	7	7	Gritty ware	1	30	1	15	20	Rim	Jar/CP	Square-section, angular rim	MC11 th – E/MC13 th	Typical white/buff gritty ware; sooting on ext of rim
Recent	7	7	Gritty ware	1	49	1	18	12	Rim	Jar	Square-sectioned angular rim w/ a sloping shoulder	MC11 th – E/MC13 th	Typical hard, thin-walled white/buff gritty ware
Recent	7	7	Gritty ware	1	8	1	U/ID	U/ID	Rim	Jar	Diamond-profile angular rim	MC11 th – E/MC13 th	Typical buff/white gritty ware w/ abundant quartz & sparse red & white rock frags
Recent	7	7	Gritty ware	1	21	1	18	9	Rim	Jar/CP	Heavy square-sectioned rim w/ rounded corners	MC11 th – E/MC13 th	Buff/pale orange gritty ware; abundant quartz up to 1mm
Recent	7	7	Gritty ware	1	21	1	19	7	Rim	Jar/CP	Flat-topped sub-square rim	MC11 th – E/MC13 th	Buff gritty ware w/ abundant quartz up to 1mm, occ up to 2mm
Recent	7	7	Gritty ware	10	83	10			BS	Hollow ware	Several sherds w/ rilling ext	MC11 th – E/MC13 th	Pale buff to white gritty fabric w/ some variation in size & density of inclusions
Recent	7	7	Gritty ware	1	6	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff/white gritty ware w/ abundant quartz up to 1mm, occ larger
Recent	7	7	Gritty ware	1	7	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Burnt & sooted ext
Recent	7	7	Gritty ware	5	37	5			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff/white gritty ware
Recent	7	7	Gritty ware	1	11	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Finer white gritty ware; light sooting ext
Recent	7	7	Humberware	1	15	1			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	
Recent	7	7	Humberware	1	15	1			Base	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	
Recent	7	7	Humberware	1	9	1			BS	Drinking	U/Dec	C14 th –	Pitted & abraded

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
										jug		C15 th	
Recent	7	7	Oxidised Gritty ware	1	20	1	17	9	Rim	Jar/CP	Square-sectioned rim w/ angular corners	MC11 th – E/MC13 th	Generally a fine orange gritty ware but w/ rare large red rock frags up to 12mm
Recent	7	7	Oxidised Gritty ware	1	6	1			BS	Jar/CP	U/Dec	MC11 th – E/MC13 th	Probably part of the rim from this context; thin-walled vessel
Recent	7	7	Stamford type ware	1	7	1			Base	Hollow ware	Thin pale yellow/green glaze ext	LC9 th – LC11 th	
Recent	7	7	Stamford type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	
Recent	7	7	Stamford type ware	1	7	1			BS	Hollow ware	Discoloured (burnt) pale green glaze ext	LC9 th – LC11 th	
Recent	7	7	Stamford type ware	1	4	1			BS	Hollow ware	Thin pale green glaze ext	LC9 th – LC11 th	
Recent	7	7	Stamford type ware	1	5	1			BS	Hollow ware	Mottled clear/green glaze ext	LC11 th – EC12 th	Could be Developed Stamford ware; glaze is darker than Pontefract
Recent	7	7	Stamford type ware	2	32	1	17	15	Rim & shoulder	Jar/CP	Flat-topped everted rim on a short round neck	C10 th	cf Kilmurry 1980: Fig 48;51
Recent	7	7	Stamford type ware	1	8	1	13	12	Rim	Hollow ware	Small everted rim w/ slightly curved top	LC9 th – LC11 th	Possibly Kilmurry's form 4
Recent	7	7	Stamford type ware	1	6	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Sandy texture cf Fabric A
Recent	7	7	Stoneware	1	11	1			BS	Hollow ware	Grey finish int & ext	MC19 th – EC20 th	
Recent	7	7	Whiteware	1	4	1			Footring base	Plate	U/Dec	MC19 th – EC20 th	
Recent	7	7	York Glazed ware	1	12	1			Strap handle	Jug	Dark green glaze	MC12 th – MC13 th	Chipped & abraded; white sandy fabric
Recent	7	7	York Glazed ware	1	2	1			BS	Jug	Dark green glaze ext; app circular strip, part of seal design	MC12 th – MC13 th	White sandy fabric w/ quartz inclusions

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
Recent	7	7	York Glazed ware	1	3	1			BS	Hollow ware	Dark green glaze ext	MC12 th – MC13 th	
Recent	7	7	York Glazed ware	1	15	1			BS	Hollow ware	Patchy mottled green glaze ext	MC12 th – MC13 th	

Orchard 1 and 3

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
9	34	33	Fine Gritty ware	1	3	1			BS	Hollow ware	Patchy dark green glaze ext	MC11 th – E/MC13 th	Finer gritty ware w/ abundant quartz up to 0.5mm, occ larger, sparse rock frags
9	34	33	Gritty ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Burnt ext; finer gritty ware w/ abundant quartz up to 0.5mm, occ larger
9	34	33	Gritty ware	1	1	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Finer gritty ware w/ abundant quartz up to 0.5mm, occ larger
9	52	51	Beverley 2 type ware	1	2	1			BS	Hollow ware	Thin white slip int & ext	EC13 th – EC14 th	White slip is not typical of Beverley wares but the fabric closely resembles Bev 2
9	52	51	Beverley 2 ware	2	10	2			BS	Hollow ware	Patchy green splash glaze ext	EC13 th – EC14 th	
9	52	51	Gritty ware	1	2	1	U/ID	U/ID	Rim	Jar/CP	White slip ext	MC11 th – E/MC13 th	Abundant quartz up to 0.5mm
9	58	57	Beverley 1 ware	1	1	1			BS	Hollow ware	Thin dull green splash glaze ext	E/MC12 th – EC13 th	Orange throughout
9	58	57	Buff Sandy ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	
9	58	57	Gritty ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff gritty ware w/ moderate/abundant quartz up to 1mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
9	62	61	Buff Sandy ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Fine buff sandy fabric cf. Gritty ware without the coarse quartz
9	62	61	Buff Sandy ware	1	1	1			BS	Hollow ware	Patchy clear splash glaze ext	MC11 th – E/MC13 th	Fine buff sandy fabric cf. Gritty ware without the coarse quartz
9	62	61	Gritty ware	1	9	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff-yellow gritty ware; light sooting ext
9	62	61	Gritty ware	1	2	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Fine gritty ware
9	62	61	Moderately-gritted Oxidised (MOX) type ware	1	8	1			BS	Hollow ware	Small spot of splash glaze ext	c.1050 – c.1150	Dull orange int & ext w/ grey core; abundant quartz up to 1mm
9	76	77	Reduced Sandy ware	1	2	1			BS	Hollow ware	U/Dec	Medieval	Heavily abraded sherd; surfaces missing
9	76	77	Stamford type ware	1	58	1			Sagging base	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt ext w/ thin black deposit; sagging base, cf. Kilmurry 1980: Fig. 67; 2/3
9	76	77	Stamford type ware	1	7	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Thin-walled sherd; light sooting ext
9	76	77	Stamford type ware	1	1	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Thin-walled sherd; pale grey ext
9	76	77	Stamford type ware	1	5	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt ext w/ thin black deposit ext
12	48	47	Beverley 1 ware	1	3	1			BS	Hollow ware	Patchy green splash glaze ext	E/MC12 th – EC13 th	Pale grey core w/ bright orange in surface; fine sandy fabric
12	48	47	Buff Sandy ware	1	6	1	10	10	Rim	Hollow ware	Patch of pale green splash glaze ext	MC11 th – E/MC13 th	Fine buff fabric w/ fine quartz up to 0.5mm; small, square-sectioned everted rim
12	48	47	E.Yorks type Sandy ware	1	9	1			Rim	Jug?	Vertical bifid rim; traces of pale green glaze	MC11 th – MLC12 th	Orange int & ext margins w/ grey core; abundant fine quartz, sparse red grit & chalk

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
12	48	47	Fine Oxidised (FOX) type ware	2	5	2			BS	Hollow ware	U/Dec	MC11 th – MC12 th	Dark orange throughout, slightly sandier than is typical for Beverley ware
12	48	47	Gritty ware	1	28	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Finer white gritty ware w/ abundant quartz up to 0.5mm, occ larger; fine pimply surface
12	48	47	Gritty ware	5	13	5			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Normal range of variation between gritty ware sherds
12	48	47	Gritty ware	2	4	2			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	One sooted ext
12	48	47	Gritty ware	1	9	1	U/ID	U/ID	Rim	Jar/CP	U/Dec	MC11 th – E/MC13 th	Clubbed rounded rim, light sooting ext; abundant quartz up to 1mm, mainly finer
12	48	47	Humberware	1	40	1			Base	Drinking jug	U/Dec	C14 th – C15 th	
12	48	47	Staxton/Potter Brompton type ware	1	12	1			BS	Hollow ware	U/Dec	E/MC13 th – EC14 th	Slightly sandier than is typical
12	48	47	York Glazed ware	1	5	1			BS	Hollow ware	Dark green glaze ext	M/LC12 th – M/LC13 th	Fabric very similar to Brandsby type ware
12	48	47	York Glazed ware	2	11	2			BS	Hollow ware	Pale green spl gl ext	M/LC12 th – M/LC13 th	Fabric very similar to Brandsby type ware
12	48	47	York Glazed ware	1	11	1			Base	Hollow ware	Spots of dark green glaze on underside	M/LC12 th – M/LC13 th	Fabric very similar to Brandsby type ware
12 \ 13	56	55	Buff Sandy ware	1	5	1			BS	Hollow ware	Spots of clear spl gl ext	MC11 th – E/MC13 th	Abundant fine quartz up to 0.5mm in a buff body
12 \ 13	56	55	Cistercian ware	1	10	1			BS/handle scar	Cup/tyg	Brown glaze ext	c.1450 – c.1600	
12 \ 13	60	59	Fine Oxidised (FOX) type ware	1	6	1			BS	Hollow ware	Spots & streaks of splash glaze ext	MC11 th – MC12 th	Orange int & ext margins w/ pale grey core; abundant sub-angular quartz up to 1mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
12 \ 13	60	59	Gritty ware	1	11	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Yellow-buff fabric, abundant sub-angular quartz & sparse red grit up to 1mm, occ larger
12 \ 13	60	59	Gritty ware	1	5	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Pinkish-buff gritty fabric w/ moderate quartz up to 1mm
12 \ 13	60	59	Gritty ware	1	1	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Small pinkish buff abraded sherd
12 \ 13	60	59	Cistercian ware	1	16	1			BS	Cup/tyg	Brown glaze int & ext	c.1450 – c.1600	
Mixed	29	29	Buff Sandy ware	1	20	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff to pinkish buff sandy fabric w/ abundant fine quartz up to 0.5mm
Mixed	29	29	Gritty ware	1	9	1	U/ID	U/ID	Rim	Jar/CP	Rectangular, flat-topped rim	MC11 th – E/MC13 th	Yellowish-buff gritty rim w/ abundant sub-angular quartz up to 1mm, occ up to 2mm
Mixed	29	29	Gritty ware	1	15	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff-white gritty fabric w/ abundant sub-angular quartz up to 1mm, occ up to 2mm
Mixed	29	29	Humberware	1	3	1			BS	Hollow ware	Pale green glaze ext	LC13 th – C15 th	Fine hard grey fabric
Mixed	29	29	Sandy ware	1	12	1			BS	Hollow ware	U/Dec	Medieval	Wide grey core w/ thin buff margins int & ext, abundant fine quartz , occ up to 1mm
Recent	88	88	TP Whiteware	1	15	1	8	35	Rim	Cup/mug	Two Temples	M – LC19th	
Recent	88	88	TP Whiteware	1	27	1			BS	Plate	Curvilinear design; Flow Blue	1840 +	
Recent	117	117	Whiteware	1	21	1	7	35	Lid	Pot lid	Tooth powder jar lid	MC19th – EC20th	Black printed design; 'TOOT... / FOR BEAU .../ & PRESEN ... THE / TEETH & GU

Area A

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
9	110	122	Beverley 2 ware	1	36	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Slightly abraded sherd; bright orange int & ext margins w/ a grey core
10	64	63	White Sandy ware	1	59	1			Base	Jug?	Pinched feet	LC11 th – LC13 th	Fabric; see text
10	64	63	White Sandy ware	1	14	1			Base	Jug?	Pinched feet; thin patchy yellow glaze on underside	LC11 th – LC13 th	Fabric: see text
10	64	63	York Glazed ware	1	5	1			BS	Hollow ware	Bright green glaze ext	M/LC12 th – M/LC13 th	Buff to pale grey fabric w/ moderate, well-sorted fine quartz up to 0.5mm
10	70	69	Beverley 2 ware	1	13	1			BS	Hollow ware	Thin pale green splash glaze ext	EC13 th – EC14 th	Bright orange int & ext w/ pale grey core; abraded
10	70	69	Brandsby type ware	1	4	1			BS	Hollow ware	Pale green glaze ext w/ applied black pellet ext	E/MC13 th – C14 th	Could be York Glazed type ware
10	70	69	Buff Sandy ware	1	9	1	U/ID	U/ID	Rim/spout	Jug	U/Dec	MC11 th – E/MC13 th	Pulled spout; buff body w/ abundant fine quartz up to 0.5mm, occ 1mm
10	70	69	Gritty ware	4	16	4			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abraded body sherds showing the normal range of variation between sherds
10	70	69	Gritty ware	1	6	1	18	7	Rim	Hollow ware	Sharply everted square-sectioned rim	MC11 th – E/MC13 th	Abundant quartz & sparse rock frags up to 1mm, mainly around 0.5mm
10	70	69	Gritty ware	1	6	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 1mm; abraded sherd, burnt ext
10	70	69	Reduced Sandy ware	1	5	1			BS	Hollow ware	Mottled dark green glaze w/ black pellet ext	MC13 th – C14 th	Abundant fine quartz & sparse black vesicular inclusions
10	70	69	Splash Glazed Whiteware	1	7	1			BS	Hollow ware	Small spots of clear splash glaze ext; rilled body ext	MC11 th – E/MC13 th	Moderate well-sorted fine round quartz up to 0.4mm, occ larger

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
10	70	69	York Glazed ware type	1	20	1			Base	Jug	Pinched feet	M/LC12 th – M/LC13 th	Flaked & abraded sherd; abundant fine quartz sand
10	70	69	White Buff Sandy ware	1	11	1	18	7	Rim	Flanged bowl?	U/Dec	LC11 th – LC13 th ?	Distinctive sharply everted dished rim w/ profiled underside
10	72	71	Beverley 2 type ware	1	1	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Small, very heavily abraded body sherd in soft orange fabric w/ moderate angular quartz up to 0.2mm
10	72	71	Reduced Splash Glazed ware	1	6	1			BS	Hollow ware	Friable green-brown splash glaze ext	MC11 th – MC12 th	Thin-walled vessel; dark grey fabric w/ moderate fine quartz up to 0.2mm; not the same as the reduced splashed wares described by M&J
10	106	105	Beverley 2 type	1	20	1			BS	Hollow ware	Spot of green splash glaze & knife-trimming ext	EC13 th – EC14 th	Slightly abraded
10	106	105	Beverley 2 type	1	3	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Abraded body sherd
10	112	111	York Glazed ware type	1	25	1			Base	Hollow ware	Patchy dark green glaze int	M/LC12 th – M/LC13 th	Fine white sandy fabric w/ quartz up to 0.4mm
10	112	111	York Glazed ware type	1	4	1			BS	Hollow ware	U/Dec	M/LC12 th – M/LC13 th	Abraded sherd; fine white fabric w/ quartz up to 0.4mm
10	134	133	Beverley 2 ware	1	5	1			BS	Hollow ware	Thin friable crazed green glaze ext	EC13 th – EC14 th	Dull orange int, pale grey; a fine soft fabric w/ a slightly sandy texture & w/ fine chalk incs; cf Beverley cooking pots
10	147	146	Soft Orange Sandy ware	1	3	1			BS	Hollow ware	U/Dec	LC11 th – EC13 th ?	Soft pale orange sandy fabric w/ poorly sorted quartz up to 1mm but mainly finer
10	149	148	Beverley 2 type ware	1	4	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Heavily abraded bright orange fabric w/ abundant quartz up to 0.5mm; sandier than typical
10	149	148	York Glazed ware	1	45	1			BS	Hollow ware	Bright green glaze ext on a rilled surface	M/LC12 th – M/LC13 th	White margins int & ext w/ a pale grey core; fine sandy body w/ occ rock frags up to 2mm, occ larger; abraded edges

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
10	153	152	White Buff Sandy ware	1	7	1			BS	Hollow ware	U/Dec	LC11 th – LC13 th ?	White fabric w/ abundant fine quartz up to 0.5mm, abraded edges
10	155	154	Gritty ware	3	13	3			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff-white fabrics w/ abundant quartz up to 1mm & occ white rock frags
10	170	169	Beverley 2 ware	1	27	1			Strap handle	Pitcher	Patchy pale green splashed glaze on top of handle	EC13 th – EC14 th	Abraded narrow strap handle springing from rim; spouted pitcher?
10	170	169	Beverley 2 ware	1	3	1			BS	Hollow ware	Patchy pale green splash glaze ext	EC13 th – EC14 th	
10	170	169	Gritty ware	9	74	9			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Some variation in size & density of quartz in buff to white fabrics
10	170	169	Sandy ware	1	6	1			BS	Hollow ware	Thin dark self-slip(?) ext	Medieval	Pale orange ext margin, grey core & int; abundant fine quartz up to 0.4mm, rare larger grains
10	170	169	York Glazed ware type	1	6	1			BS	Hollow ware	Flaky dark green glaze ext	M/LC12 th – M/LC13 th	A very fine soft white fabric with no visible inclusions
10	170	169	White Buff Sandy ware	1	87	1			Base	Hollow ware	U/Dec		White fabric w/ abundant fine quartz up to 0.5mm, mainly finer; slightly sagging base, abraded edges
10	173	173	Beverley 1 ware	1	6	1			BS	Hollow ware	Thin mottled green glaze ext; rilled body	E/MC12 th – EC13 th	Bright orange int surface; pale grey core & ext margin
11	168	166	Beverley 2 ware	1	2	1			BS/Flake	Hollow ware	U/Dec	EC13 th – EC14 th	Heavily abraded sherd with no surviving surfaces; moderate, well-sorted quartz up to 0.4mm
11	168	166	Brandsby type ware	1	13	1			BS	Hollow ware	Double vertical combed wavy lines; five-pronged comb; mottled green glaze	E/MC13 th – C14 th	Fine buff-white fabric w/ abundant fine round quartz up to 0.5mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
11	168	166	Brandsby type ware	1	7	1			BS	Hollow ware	Applied & thumbed pellet/handle attachment ext	E/MC13 th – C14 th	Possible oval pot disc 38.8x28.7mm; fine light buff fabric w/ abundant sub-rounded quarts 0.5 – 1mm, mainly fine
11	168	166	Coarse Sandy ware	1	13	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abraded; abundant quartz up to 0.5mm
11	168	166	Gritty ware	1	9	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 1mm, occ larger
11	168	166	Gritty ware	1	3	1	U/ID	U/ID	Rim	Jar/CP	Rectangular flat-topped rim	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 1mm, occ larger
11	168	166	Gritty ware	1	6	1			BS	Hollow ware	Possible thin white slip ext	MC11 th – E/MC13 th	Buff to white fabric w/ abundant quartz up to 0.5mm, occ up to 1mm
10?	92	91	Reduced Sandy ware	1	12	1			BS	Hollow ware	Partial dark green/brown glaze ext	C13 th – C14 th ?	A hard, dense, pale grey fabric w/ abundant fine quartz & sparse black grit up to 0.2mm, quartz occ up to 0.5mm
E-Mod	84	84	Beverley 2 type ware	1	8	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Unusual pale grey int margin
E-Mod	84	84	Beverley 2 ware	1	23	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Bright orange throughout, soft, dusty surfaces; abraded
E-Mod	84	84	Beverley 2 ware	1	9	1			Flake	Hollow ware	External surface entirely removed	EC13 th – EC14 th	
E-Mod	84	84	Beverley 2 ware	1	5	1			BS	Hollow ware	Spot of brown (overfired) splash glaze ext	EC13 th – EC14 th	
E-Mod	84	84	Brandsby type ware	1	24	1			Base	Hollow ware	U/Dec	E/MC13 th – C14 th	
E-Mod	84	84	Brandsby type ware	1	18	1			BS	Hollow ware	Patchy dark green glaze ext	E/MC13 th – C14 th	
E-Mod	84	84	Brandsby type ware	1	4	1			BS	Hollow ware	U/Dec	E/MC13 th – C14 th	
E-Mod	84	84	Brandsby type ware	1	9	1			BS	Hollow ware	U/Dec	E/MC13 th – C14 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
E-Mod	84	84	Brandsby type ware	2	6	1			BS	Hollow ware	Friable dark green mottled glaze ext	E/MC13 th – C14 th	Heavily abraded; very pale orange sandy fabric
E-Mod	84	84	Brandsby type ware	1	19	1			BS	Hollow ware	Patchy green splash glaze ext	E/MC13 th – C14 th	Buff sandy fabric w/ abundant fine quartz & sparse large white rock frags up to 1mm
E-Mod	84	84	Brandsby type ware	1	11	1			BS	Hollow ware	U/Dec	E/MC13 th – C14 th	Buff int & ext w/ a pale grey core; abundant fine quartz sand
E-Mod	84	84	Fine Oxidised (FOX) type ware	3	36	1			Base	Hollow ware	U/Dec	c.1050 – c.1150	Pale orange in colour, brown underside; fine w/ quartz & red grit up to 0.5mm, flat red grit
E-Mod	84	84	Gritty ware	1	25	1	25	7	Rim	Jar/CP	Square-sectioned angular rim	MC11 th – E/MC13 th	Moderate to abundant sub-angular quartz up to 1mm, occ larger in a white-buff body
E-Mod	84	84	Gritty ware	1	4	1			BS/Flake	Hollow ware	U/Dec	MC11 th – E/MC13 th	Soft buff-white fabric w/ abundant quartz up to 1mm, mainly finer
E-Mod	84	84	Gritty ware	1	13	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 2mm in a white body
E-Mod	84	84	Late Blackware	1	19	1			Footed base	Hollow ware	Brown glaze w/fine mottling int only	C18 th	Fine red fabric
E-Mod	84	84	Oxidised Sandy ware	1	3	1			BS/Flake	U/ID	U/Dec	Medieval	Abundant fine quartz up to 0.1mm
E-Mod	84	84	York Glazed ware	1	5	1			BS	Hollow ware	Bright green glaze on a rilled body	M/LC12 th – M/LC13 th	Fine white fabric w/ abundant quartz up to 0.2mm
E-Mod	84	84	York Glazed ware type	1	59	1			Base	Jug?	Shallow pinched feet, patchy pale green glaze on underside	M/LC12 th – M/LC13 th	Pale grey to white sandy fabric w/ moderate fine quartz up to 0.4mm; softer & thicker than Brandsby type ware
E-Mod	89	89	Fine Oxidised (FOX) type ware	1	2	1			BS	Hollow ware	Crazed & friable green glaze ext	MC11 th – MC12 th	
E-Mod	89	89	Late Blackware	1	4	1			BS	Hollow ware	Black glaze int & partially ext	C18 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
E-Mod	89	89	York Glazed ware	1	28	1			Strap handle	Jug	Dark green shiny glaze on top of handle	M/LC12 th – M/LC13 th	Soft buff to pale grey fabric w/ moderate fine quartz up to 0.5mm, mainly finer
E-Mod	89	89	York Glazed ware type	2	40	2			Base?	Hollow ware	U/Dec (heavily abraded)	M/LC12 th – M/LC13 th	White to brown sandy fabric w/ moderate quartz up to 0.5mm & rare red grit
E-Mod	120	119	Slipware	3	49	1			Rim	Dish	Pie-crust rim, white on red slip int giving a simple banded design int	C18 th	Press-moulded dish; light sooting ext
E-Mod	120	119	White Salt Glazed Stoneware	1	34	1			Base	Plate	U/Dec	c.1720 - c.1780	
E-Mod	120	119	White Salt Glazed Stoneware	1	1	1			Base	Plate	U/Dec	c.1720 - c.1780	
Recent	68	67	Buff Sandy ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant fine quartz up to 0.2mm, occ larger
Recent	68	67	Oxidised Sandy ware	1	18	1			BS	Hollow ware	U/Dec (heavily abraded)	Medieval	Soft orange sandy fabric w/ abundant sub-angular quartz & sparse red grit up to 1mm, mainly around 0.5mm
Recent	68	67	TP Whiteware	1	1	1			BS	Hollow ware	U/ID TP design ext	M – LC19 th	
Recent	68	67	TP Whiteware	1	3	1			BS	Flatware	U/ID TP design int	M – LC19 th	
Recent	68	67	TP Whiteware	1	1	1			Rim	Plate	Chinese landscape border	M – LC19 th	
Recent	68	67	York Glazed ware	1	2	1			BS	Hollow ware	Applied strip ext under mottled green splash glaze ext	M/LC12 th – M/LC13 th	Fine white fabric
Recent	114	113	Cane Coloured CC ware	1	7	1			BS	Hollow ware	Blue band & white slip lines ext	C19 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
Recent	114	113	Late Blackware	1	11	1			BS	Cup/tyg	Black glaze int & partially ext	C18 th	
Recent	114	113	Oxidised Sandy ware	1	2	1			BS	U/ID	U/Dec	Medieval?	Heavily abraded pale orange sherd
Recent	114	113	Oxidised Sandy ware	1	2	1			BS	U/ID	U/Dec	Medieval?	Heavily abraded dark red fabric
Recent	114	113	Stoneware	1	4	1			BS	Hollow ware	Mottled brownish glaze int & ext	C18 th – EC19 th ?	
Recent	114	113	TP Bone China	1	1	1	U/ID	U/ID	Rim	Flatware	Chinese style border int & ext	MC19 th – EC20 th	
Recent	114	113	TP Whiteware	1	4	1			BS	Hollow ware	Purple printed leaf design ext	MC19 th – EC20 th	
Recent	114	113	Unglazed Red Earthenware	1	14	1	U/ID	U/ID	Rim	Horticultural vessel	U/Dec	C19 th – EC20 th	Plain rounded rim
Recent	114	113	Unglazed Red Earthenware	1	5	1	U/ID	U/ID	Rim	Horticultural vessel	U/Dec	C19 th – EC20 th	Plain rounded rim
Recent	114	113	Whiteware	1	3	1			BS	Hollow ware	U/Dec	MC19 th – EC20 th	
Recent	114	113	Whiteware	1	1	1	U/ID	U/ID	Rim	Plate	U/Dec	M – LC19 th	
Recent	114	113	Whiteware	1	4	1			BS	Hollow ware	Blue vertical stripe w/ irregular blue crescent pattern	MC19 th – EC20 th	
Recent	158	157	Gritty ware	1	10	1			Rim	Jug?	Patchy pale green splash glaze ext; collared rim	MC11 th – MC12 th	Collared rim w/ round lip on a tall neck; reduced core w/ buff margins & abundant quartz temper
Recent	158	157	Gritty ware	3	10	3			BS	Hollow ware	U/Dec	MC11 th – MC12 th	Buff to buff-orange; softer than typical but with the same range of inclusions
Recent	158	157	Humberware	1	27	1			BS	Hollow ware	Pale green glaze ext	LC13 th – C15 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
Recent	158	157	Oxidised Sandy ware	1	2	1			BS	Hollow ware	U/Dec	LC11 th – C13 th ?	Heavily abraded sherd; soft orange int & ext w/ grey core, abundant quartz up to 0.5mm
Recent	158	157	Splash Glazed Whiteware	1	13	1			Base	Jug?	Pale green splashed glaze ext & finger imps ext	LC11 th – EC13 th	Abraded fragment; white to pale grey fabric w/ fine round quartz up to 0.5mm
Recent	158	157	Unglazed Red Earthenware	1	14	1			Rim	Horticultural vessel	U/Dec	C19 th – EC20 th	
Recent	158	157	York Glazed ware	1	8	1			BS	Hollow ware	Rilled body w/ bright green glaze ex	M/LC12 th – M/LC13 th	Very heavily abraded with most of the glaze removed
Recent	158	157	York Glazed ware type	1	107	1			BS & handle	Jug	Dark green glaze ext w/ very dark green patch	M/LC12 th – M/LC13 th	Wide strap handle w/ triple thumbing
Recent	161	160	Late Medieval Sandy ware	1	24	1			Base	Hollow ware	U/Dec	Late Medieval	Dark red sandy fabric w/ grey core & black, burnt ext margin; abundant fine quartz & occ rock frags up to 3mm
Recent	161	160	TP Whiteware	1	3	1	15	6	Rim	Bowl	Floral design around rim, internally	M – LC19 th	
Recent	174	174	Brown Glazed Fineware	1	10	1			BS	Hollow ware	Black glaze int only	LC18 th – C19 th	
Recent	174	174	Buff Sandy ware	3	14	3			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Heavily abraded sherds in a soft, fine buff sandy fabrics
Recent	174	174	Colour Glazed ware	1	12	1	6.5	29	Rim	Jug?	Mottled brown glaze int & ext; moulded band below rim	MC19 th – EC20 th	
Recent	174	174	Buff Sandy ware	1	34	1			Strap handle	Jug/pitcher	Sparse pale green splashed glaze on top of handle	MC11 th – E/MC13 th	Light buff surfaces w/ pale grey core; abundant quartz up to 0.5mm, occ up to 1mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
Recent	174	174	Fine Reduced (FRED) type ware	1	12	1			BS	Hollow ware	Green-brown friable splashed glaze ext	C12 th – EC13 th	Pale grey to white sandy fabric w/ fine quartz up to 0.5mm, occ larger
Recent	174	174	Gritty ware	1	20	1	16	9	Rim	Jar	Square-sectioned angular rim	MC11 th – E/MC13 th	White body w/ abundant quartz up to 1mm, occ larger, sparse white rock frags
Recent	174	174	Gritty ware	1	7	1			Base	Hollow ware	Knife-trimmed ext	MC11 th – E/MC13 th	Buff/yellow body; moderate quartz up to 2mm, mainly around 1mm; light sooting ext
Recent	174	174	Gritty ware	1	10	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	White ext, pale orange int; sparse quartz up to 2mm in a fine body
Recent	174	174	Gritty ware	2	13	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Light buff to pink fabric w/ abundant quartz up to 1mm, mainly finer, occ larger; abraded
Recent	174	174	Gritty ware	1	4	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff body w/ common quartz w/ sparse rock frags up to 1mm
Recent	174	174	Gritty ware	1	18	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Soft buff to pale grey fabric w/ abundant quartz & occ white rock frags up to 1mm
Recent	174	174	Humberware type	1	40	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	Orange ext surface, reduced int
Recent	174	174	Oxidised Sandy ware	1	12	1			BS	Hollow ware	Clear/yellow glaze ext	C13 th - C14 th ?	Hard, bright orange fabric w/ moderate quartz up to 1mm
Recent	174	174	Unglazed Red Earthenware	2	11	2			BS	Hollow ware	U/Dec	MC19 th – EC20 th	
Recent	174	174	Beverley 2 type ware	1	21	1			Pedestal base	Pedestal lamp	U/Dec	MC11 th – E/MC13 th	Abraded tall, thin pedestal base (diam 25.3mm; abraded
Recent	174	174	Beverley 2 type ware	2	7	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abraded body sherds
Recent	174	174	Soft Orange Sandy ware	1	4	1			BS	Hollow ware	U/Dec	Medieval	Heavily abraded body sherd; pale orange sandy fabric w/ common sub-rounded quart & sparse red grit up to 0.5mm, occ up to 1mm
10 \ 11	288	287	Beverley 2 ware	1	6	1			BS	Hollow ware	Patchy green splash glaze ext	EC13 th – EC14 th	Fine soft orange fabric w/ sparse round quartz & black grit up to 0.5mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
10 \ 11	288	287	Fine Reduced (FRED) type ware	3	26	2			BS	Hollow ware	Sparse thin patchy splash glaze ext	c.1050 – c.1150	Pale grey throughout w/ patchy orange ext surface
10 \ 11	288	287	Gritty ware	2	8	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff/white gritty fabric
10 \ 11	288	287	Staxton/Potter-Brompton type ware	1	19	1			Base	Hollow ware	U/Dec	E/MC13 th – EC14 th	Abraded sherd; brown sandy-textured sherd

Courtyard

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
Recent	428	428	Blue Banded ware	1	11	1	16	9	Rim & spout	Bowl	Blue lines & bands ext	C19 th	
Recent	428	428	Brown Salt Glazed Stoneware	1	18	1	10	20	Rim	Bowl	Dark brown glaze int & ext	C19 th	Small clubbed rim
Recent	428	428	Brown Salt Glazed Stoneware	1	192	1	27	12	Lid seated rim	Jar	Brown salt glaze	C19 th	Globular jar
Recent	428	428	Brown Salt Glazed Stoneware	1	158	1	U/ID	U/ID	Lid seated rim	Handled jar	Brown salt glaze ext	C19 th	Lateral handle w/ grooves on shoulder
Recent	428	428	Brown Salt Glazed Stoneware	1	12	1			BS	Hollow ware	Brown salt glaze ext	C19 th	
Recent	428	428	Hambledon type ware	3	131	1			BS & handle	Jug	Thick dark green glaze ext	MC14 th – C16 th	Fine dark grey to white fabric
Recent	428	428	Late Humberware	1	5	1			BS	Hollow ware	Green glaze int & ext	C15 th - C16 th	Fine grey to dull orange fabric

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rim	Part	Form	Decoration	Date range	Notes
Recent	428	428	Oxidised Sandy ware	1	31	1			Base	Hollow ware	U/Dec	Late Medieval	Very fine bright orange sandy fabric
Recent	428	428	Slip Banded CC ware	1	5	1			BS	Hollow ware	Brown & white slip lines ext	C19 th	
Recent	428	428	Stoneware	1	33	1	3	100	Rim & spout	Spouted bottle	Brown salt glaze ext	C19 th	Small pulled spout
Recent	428	428	Stoneware	1	184	1			Base & body	Jar	Keiller marmalade jar; black printed label	1873+	Maling marmalade jar
Recent	428	428	Unglazed Red Earthenware	1	21	1	12	21	Rim	Flowerpot	U/Dec	C19 th – EC20 th	
Recent	428	428	Unglazed Red Earthenware	1	5	1	12	10	Rim	Flowerpot	Shallow groove ext	C19 th – EC20 th	

Plaza

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	202	201	Beverley 2 ware	1	2	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Small, heavily abraded sherd, rounded edges
9	202	201	Gritty ware	1	18	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz up to 1mm, occ larger; heavily sooted ext
9	202	201	Gritty ware	2	15	2			BS	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz up to 1mm, occ larger; heavily sooted ext
9	202	201	Gritty ware	1	11	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Grey to buff gritty ware w/ abundant quartz up to 1mm, mainly finer
9	202	201	Gritty ware	2	4	2			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff gritty fabric w/ abundant quartz up to 1mm, mainly finer
9	206	205	Beverley 1 ware	1	5	1			BS	Hollow ware	Rilled body	E/MC12 th – EC13 th	Red ext w/ pale grey int; sparse quartz & red grit up to 0.4mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	206	205	Beverley 2 ware	1	2	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Small abraded sherd in a soft dull red fabric w/ moderate, well-sorted quartz up to 0.2mm
9	206	205	Gritty ware	1	25	1	16	15	Rim	Jar/CP	Flat-top overhanging rim w/ round corners	MC11 th – E/MC13 th	Typical buff gritty fabric w/ abundant sub-round quartz up to 0.8mm, mainly finer
9	206	205	Gritty ware	1	7	1			BS	Jar/CP	Rilled body	MC11 th – E/MC13 th	Hard, dense orange fabric w/ abundant quartz up to 1mm
9	206	205	Gritty ware	1	24	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff gritty fabric w/ heavy sooting ext; abundant quartz up to 1mm
9	206	205	Gritty ware	1	14	1			BS	Jar/CP	Rilled body	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz up to 1mm, mainly finer
9	206	205	Gritty ware	1	12	1			BS	Jar/CP	Rilled body	MC11 th – E/MC13 th	Buff gritty body, heavily burnt ext; abundant quartz up to 1mm & sparse large platy white rock frags
9	206	205	Splash glazed Gritty ware	1	8	1			Base	Jar/CP	Patchy pale green splash glaze on underside	MC11 th – E/MC13 th	Pale orange fabric w/ sparse/moderate quartz up to 0.8mm, not as dense as normal Gritty ware
9	208	207	Gritty ware	1	39	1	19	11	Rim	Jar	Rilled shoulder & body; everted angular rim	MC11 th – E/MC13 th	Typical buff-yellow fabric at the coarser end of the spectrum
9	208	207	Gritty ware	1	33	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 1mm in a hard buff-yellow fabric; burnt & sooted ext
9	208	207	Gritty ware	11	386	1	25	20	Profile	Jar/CP	Smoothed int & ext; square-sectioned rim	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 0.5mm, occ larger; sooted & burnt on body above base
9	208	207	Gritty ware	7	62	7			BS	Hollow ware	Some w/ rilled bodies	MC11 th – E/MC13 th	Normal range of variation in size & density of inclusions

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	208	207	Gritty ware	1	54	1	14	16	Rim	Jar	U/Dec	MC11 th – E/MC13 th	Orange body, burnt ext margin; moderate quartz & red grit up to 1.5mm, mainly finer; heavily burnt & sooted ext; square rim w/ dished int surface
9	208	207	Gritty ware	1	15	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Orange body, burnt ext margin; moderate quartz & red grit up to 1.5mm, mainly finer; heavily burnt & sooted ext
9	208	207	Gritty ware	1	19	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant sub-round quartz up to 0.5mm, occ up to 1mm, rarely larger; pitted, chipped & burnt ext
9	208	207	Gritty ware	1	12	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Dark orange fabric w/ abundant quartz & moderate round red grit up to 0.5mm, occ larger; burnt, chipped & flaked ext
9	208	207	Oxidised Sandy ware	1	8	1			Base	Hollow ware	Spot of splash glaze int	LC11 th – EC13 th	Abundant fine quartz & round red grit up to 0.5mm, occ larger
9	208	207	Stamford type ware	3	9	3			BS	Hollow ware	Smoothed ext	LC9 th – LC11 th	A fine grey-white sandy fabric, burnt ext; slightly sandier than typical Stamford ware
9	208	207	Staxton / Potter-Brompton type ware	1	40	1			BS	Hollow ware	Smoothed int & ext	E/MC13 th – EC14 th	Fine, even grey sandy fabric w/ very fine mica ext
9	208	304	Fine Gritty ware	1	2	1			BS	Hollow ware	Rilled profile	MC11 th – E/MC13 th	A thin, hard buff body resembling Gritty ware but w/ finer & sparser quartz up to 0.4mm
9	208	304	Gritty ware	1	7	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	White-buff gritty ware, thin-walled vessel; abundant quartz up to 1mm, occ 2mm; possibly an angular pot disc
9	208	304	Gritty ware	3	34	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Quartz-tempered gritty ware but with a lower density of quartz than normal and a finely finished ext surface
9	208	304	Gritty ware	1	17	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	A hard, dense, dull orange to light grey fabric w/ moderate, well-sorted quartz up

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													to 1mm but mainly finer; sooted ext
9	208	304	Gritty ware	1	7	1			BS	Hollow ware	Smoothed ext	MC11 th – E/MC13 th	A hard dull orange fabric, discoloured where burnt; moderate, well-sorted quartz up to 1mm
9	208	304	Gritty ware	1	5	1			BS	Hollow ware	Smoothed ext	MC11 th – E/MC13 th	Heavily burnt & discoloured frag of gritty-textured ware
9	208	304	Pontefract Gritty ware 1	1	6	1			BS	Hollow ware	Rilled body	C11 th – E/MC12 th ?	A distinctive thin-walled gritty sherd w/ abundant quartz up to 0.8mm, red to red-buff throughout
9	208/210	209&304	Gritty ware	3	127	1	16	30	Rim & BS	Jar/CP	Angular rim w/ slight lid-seating	MC11 th – E/MC13 th	Orange-buff gritty ware; heavily sooted ext
9	210	309	Gritty ware	1	25	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Yellow-buff gritty ware; sooted ext on base
9	210	309	Gritty ware	3	54	1			BS	Jar/CP	Rilled body	MC11 th – E/MC13 th	Typical yellow-buff gritty ware; partial sooting ext
9	210	309	Gritty ware	8	34	8			BS	Jar/CP	Rilled body	MC11 th – E/MC13 th	Typical yellow-buff gritty ware
9	210	309	Gritty ware	1	8	1			BS	Jar/CP	Rilled body	MC11 th – E/MC13 th	Typical yellow-buff gritty ware; sooted ext
9	210	309	Gritty ware	1	14	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Heavily burnt ext
9	210	309	Oxidised Sandy ware	1	5	1			BS	Hollow ware	U/Dec	Medieval	Yellow buff to pale brown w/ abundant round quartz up to 0.4mm, mainly finer
9	210	309	Torksey type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th +	
9	210	310	Gritty ware	2	89	2			BS	Hollow ware	Rilled ext	MC11 th – E/MC13 th	Yellow-buff gritty sherds; heavily sooted/burnt on lower body
9	212	211	Gritty ware	2	33	2			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	One sooted
9	212	211	Gritty ware	1	4	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Sooted ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	216	215	Beverley 1 type ware	1	41	1			Base	Hollow ware	Very small spots of splash glaze on sagging base	E/MC12 th – EC13 th	cf Bev 1 but slightly coarser & sandier w/ moderate quartz & sparse red grit up to 1mm, rare grains up to 2mm, sparse fine mica at surface; sooted irregular base
9	216	215	Beverley 1 type ware	1	8	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Bright orange fabric w/ moderate quartz up to 0.5mm
9	216	215	Buff Sandy ware	1	14	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	A fine buff-white body, grey where burnt; fine quartz <0.1mm
9	216	215	Buff Sandy ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	A fine buff sandy-textured fabric w/ fine quartz, occasionally up to 0.4mm, mainly finer
9	216	215	Fine Gritty ware	2	10	2			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Hard, dense pale grey fabric w/ abundant quartz up to 0.5mm
9	216	215	Gritty ware	1	11	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant rounded quartz up to 2mm in a buff fabric; probable pot disc 34.2x35.4mm; burnt & sooted ext
9	216	215	Gritty ware	6	36	6			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Typical buff gritty ware, three sooted ext; abundant quartz up to 1mm, mainly finer
9	216	215	Gritty ware	4	28	4			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Pale orange gritty fabric w/ abundant quartz up to 1mm & occ red grit; sooted ext
9	216	215	Gritty ware	2	12	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pale orange fabric w/abundant quartz up to 1mm & fine muscovite at surface
9	216	215	Oxidised Sandy ware	1	46	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Dull orange to brown body w/ moderate, well-sorted sub-angular quartz up to 1mm; abundant fine mica at surface; too coarse to be Bev 1 but a similar range on incs
9	216	215	Oxidised Sandy ware	1	21	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, bright orange fabric w/ abundant sub-angular quartz up to 0.5mm, sparse fine mica at surface; partially sooted ext; coarser than Bev 1\2
9	216	215	Oxidised Sandy ware	1	13	1			BS	Hollow ware	Patchy dull green splash	MC11 th – MC13 th	Dull brown to grey sandy fabric w/ fine quartz <0.1mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											glaze ext		
9	216	215	Reduced Sandy ware	1	14	1			Base	Hollow ware	U/Dec	Medieval	A very hard, dense grey reduced fabric w/ moderate well-sorted quartz up to 0.5mm; sooted ext
9	216	215	Reduced Sandy ware	1	7	1			BS	Hollow ware	U/Dec	Medieval	Overfired or heavily burnt dark grey sandy fabric w/ moderate quartz up to 0.2mm, occ larger
9	216	215	Stamford type ware	2	20	2			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted ext
9	216	215	Stamford type ware	1	7	1	U/ID	U/ID	Rim	Bowl	U/Dec	LC9 th – LC11 th	Flaked & burnt
9	216	322	Beverley 1 ware	2	78	1			BS & Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	Bright orange fabric w/ moderate round quartz & red grit up to 0.5mm, occ up to 1mm
9	216	322	Beverley 1 ware	1	19	1			BS	Hollow ware	Patchy dull green splash glaze ext	E/MC12 th – EC13 th	Bright orange fabric w/ sparse/moderate round quartz & red grit up to 0.5mm, occ up to 1mm
9	216	322	Beverley 1 ware	1	21	1	13	19	Rim	Jug	U/Dec	E/MC12 th – EC13 th	Clubbed, rounded everted rim; hard, orange throughout
9	216	322	Beverley 2 ware	1	3	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Soft, bright orange, heavily abraded
9	216	322	Buff Sandy ware	1	13	1			BS	Hollow ware	Smoothed int & ext	LC11 th – E/MC13 th	Buff to brown sandy fabric w/ abundant sub-round quartz up to 0.4mm, occ larger
9	216	322	Fine Gritty ware	1	9	1			Base	Hollow ware	U/Dec	LC11 th – E/MC13 th	Buff-yellow fabric w/ abundant quartz up to 0.4mm; heavily sooted ext
9	216	322	Fine Gritty ware	1	3	1			BS	Hollow ware	U/Dec	LC11 th – E/MC13 th	Thin-walled vessel; hard, grey fabric w/ moderate, well-sorted quartz up to 0.5mm
9	216	322	Fine Gritty ware	1	4	1			BS	Hollow ware	U/Dec	LC11 th – E/MC13 th	Thin-walled vessel; fine brown fabric w/ moderate quartz up to 0.5mm
9	216	322	Gritty ware	4	44	4			BS	Hollow ware	Rilled body	LC11 th – E/MC13 th	Thick-walled but finely finished gritty ware; abundant sub-angular quartz up to 2mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	216	322	Gritty ware	1	13	1	U/ID	U/ID	Rim	Jar/CP	Flat-topped square-sectioned rim	LC11 th – E/MC13 th	Hard, dense buff-yellow fabric w/ abundant, well-sorted sub-angular quartz & platy rock frags up to 1mm
9	216	322	Gritty ware	1	3	1			BS	Hollow ware	Rilled body	LC11 th – E/MC13 th	Thin-walled buff fabric w/ abundant sub-angular quartz up to 0.6mm
9	216	322	Oxidised Sandy ware	1	16	1			BS	Hollow ware	Brown mottled glaze ext	C12 th – C13 th ?	Dark orange sandy fabric; abundant sub-rounded quartz up to 0.4mm, mainly finer
9	216	322	Sandy ware	1	5	1			BS	Hollow ware	U/Dec	Medieval	Odd hard dense orange-grey fabric w/ fine quartz
9	216	322	Shell Tempered ware	1	6	1			BS	Hollow ware	Smoothed int& ext	MC10 th – M/LC11 th	Abundant fine shell fragments
9	218	318	Gritty ware	5	151	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff gritty fabric, burnt & sooted ext
9	218	318	Gritty ware	1	33	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Light sooting ext
9	218	318	Splash-glazed Buff Sandy ware	1	5	1			BS	Hollow ware	Patchy clear splash glaze ext	C10 th – C11 th	Moderate quartz grit up to 0.5mm in a fine buff body
9	222	221	Beverley 1 type ware	2	15	2			BS	Hollow ware	Patchy green-brown splash glaze ext	E/MC12 th – EC13 th	Harder and denser than is typical for Bev 1
9	222	221	Beverley 1 ware	1	150	1			Base	Hollow ware	Spots of splash glaze on underside	E/MC12 th – EC13 th	Orange fabric w/ black core; fine quartz inclusions; fingernail impressions on the inner surface of the base
9	222	221	Beverley 1 ware	1	17	1			Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	Fine orange sandy fabric
9	222	221	Beverley 1 ware	1	36	1			Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	Orange ext margin, reduced core & int surface; sandier than some FOX w/ abundant quartz up to 0.4mm
9	222	221	Beverley 1 ware	1	15	1			Rim & spout	Jug	Spots of splash glaze ext	E/MC12 th – EC13 th	Abundant fine quartz up to 0.2mm in red fabric; round clubbed rim w/ pulled spout

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	222	221	Beverley 1 ware	1	46	1			Strap handle	Jug	Patchy dark green splash glaze on top of handle	E/MC12 th – EC13 th	Hard, dense reduced fabric w/ abundant fine quartz up to 0.2mm, occ larger
9	222	221	Buff Sandy ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – MC12 th	Pale grey core w/ buff margins; abundant fine quartz, occ up to 0.5mm, mainly finer
9	222	221	Fine Gritty ware	1	11	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	White-buff fabric w/ moderate, well-sorted quartz up to 0.8mm, mainly finer
9	222	221	Fine Gritty ware	1	9	1	U/ID	U/ID	Rim	Jar/CP	Sharply everted angular rim	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 0.5mm, occ up to 1mm in a fine buff fabric
9	222	221	Fine Gritty ware	2	6	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff-white ware; abundant quartz up to 0.6mm, occ white rock frags
9	222	221	Fine Oxidised (FOX) type ware	7	45	7			BS	Hollow ware	U/Dec	MC11 th – MC12 th	Hard, fine red fabric w/ abundant fine quartz sand; similar to Beverley 1, possibly also East Yorks
9	222	221	Fine Oxidised (FOX) type ware	2	15	2			BS	Hollow ware	Sparse green splash glaze int & ext	MC11 th – MC12 th	Abundant fine quartz sand in an oxidised body; slightly coarser than Beverley 2 ware; possibly also East Yorks
9	222	221	Fine Oxidised (FOX) type ware	1	2	1			BS	Hollow ware	U/Dec; black deposit ext	MC11 th – MC12 th	Dull orange margins w/ grey core; abundant fine quartz
9	222	221	Fine Oxidised (FOX) type ware	1	3	1			BS	Hollow ware	Clear (red) glaze ext	MC11 th – MC12 th	Hard, dense, bright red fabric w/ sparse, poorly sorted quartz up to 0.2mm, occ larger
9	222	221	Fine Oxidised (FOX) type ware	3	8	3			BS	Hollow ware	Flaky friable brown glaze ext	MC11 th – MC12 th	Fine pale orange body w/ fine quartz & sparse white rock frags up to 0.2mm
9	222	221	Fine Oxidised (FOX) type ware	1	7	1			Base	Hollow ware	U/Dec	MC11 th – MC12 th	Pale orange int margin, grey core & ext; abundant round quartz up to 0.2mm
9	222	221	Gritty ware	29	197	29			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Considerable variety in buff to pale orange fabrics w/ moderate to abundant quartz grit

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													up to 1mm
9	222	221	Gritty ware	8	44	8			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Various buff to pale orange fabrics w/ moderate to abundant quartz grit up to 1mm; sooted ext
9	222	221	Gritty ware	1	37	1	22	13	Rim	Jar/CP	Everted triangular rim	MC11 th – E/MC13 th	Abundant sub-angular quartz & black grit up, to 0.6mm, occ up to 1mm; sooted ext
9	222	221	Gritty ware	1	20	1	19	9	Rim	Jar/CP	Square-sectioned rim	MC11 th – E/MC13 th	Pinkish-buff fabric w/ abundant quartz & red grit up to 1mm, occ up to 1.2mm
9	222	221	Gritty ware	1	16	1	26	6	Rim	Jar/CP	Everted angular rim	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 1mm in a pale orange-buff fabric
9	222	221	Gritty ware	1	18	1	28	6	Rim	Jar/CP	Angular rim w/ shallow grooves on top & ext edge	MC11 th – E/MC13 th	Abundant sub-rounded quartz & sparse rock frags up to 1mm in a pale buff fabric
9	222	221	Gritty ware	1	17	1	U/ID	U/ID	Rim	Jar/CP	Everted angular rim	MC11 th – E/MC13 th	Abundant sub-rounded quartz up to 1mm in a buff-yellow fabric
9	222	221	Gritty ware	1	8	1	U/ID	U/ID	Rim	Jar/CP	Sharply everted, flat-topped rim	MC11 th – E/MC13 th	Abundant sub-rounded quartz up to 1mm in a buff-yellow fabric
9	222	221	Gritty ware	1	16	1	U/ID	U/ID	Rim	Jar/CP	Clubbed, sub-square rim	MC11 th – E/MC13 th	Abundant sub-rounded quartz up to 1mm, occ up to 2mm in a white-buff fabric
9	222	221	Gritty ware	1	6	1	U/ID	U/ID	Rim	Jar/CP	Sharply everted angular rim	MC11 th – E/MC13 th	Abundant sub-rounded quartz up to 1mm in a white-buff fabric
9	222	221	Gritty ware	1	13	1	U/ID	U/ID	Rim	Jar/CP	Square-sectioned rim w/ rounded edges	MC11 th – E/MC13 th	Abundant sub-rounded quartz up to 1mm in a buff-yellow fabric
9	222	221	Gritty ware	1	9	1	U/ID	U/ID	Rim	Jar/CP	Triangular everted rim	MC11 th – E/MC13 th	Abundant sub-rounded quartz up to 1mm in a buff-yellow fabric
9	222	221	Reduced Sandy ware	1	7	1			BS	Hollow ware	U/Dec	Medieval	Grey throughout, very hard w/ abundant white quartz & sparse black grit up to 0.5mm; possibly overfired

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	222	221	Stamford type ware	6	30	6			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted ext
9	222	221	Stamford type ware	1	3	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted on underside
9	222	221	Stamford type ware	1	12	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted on underside
9	222	221	Stamford type ware	1	5	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt ext
9	222	221	Torksey type ware	1	3	1			Base	Hollow ware	U/Dec	LC9 th +	Small abraded sherd
9	222	221	Reduced Sandy ware	1	10	1			BS	Hollow ware	U/Dec	Medieval	Hard, dense reduced fabric w/ moderate sub-angular quartz up to 0.5mm; possibly burnt
9	222	221	Torksey type ware	1	19	1			BS	Hollow ware	Smoothed int & ext	LC9th+	Slightly finer than typical Torksey-type ware; thin hard black deposit on one side
9	222	293	Fine Oxidised (FOX) type ware	4	31	4			BS	Hollow ware	Spots of green splash glaze ext	MC11 th – MC12 th	A fine, hard orange body w/ fine quartz sand
9	222	293	Fine Oxidised (FOX) type ware	3	21	3			BS	Hollow ware	U/Dec	MC11 th – MC12 th	A fine, hard orange body w/ fine quartz sand
9	222	293	Beverley 1 ware	1	4	1			BS	Hollow ware	Spots of ple green splash glaze ext	E/MC12 th – EC13 th	
9	222	293	Fine Oxidised (FOX) type ware	1	58	1	22	12	Rim	Jar	Rilled shoulder, everted rounded rim	MC11 th – MC12 th	Fine orange fabric w/ fine quartz up to 0.2mm, occ larger and generally sandier than Beverley 1
9	222	293	Fine Reduced (FRED) type ware	1	4	1			BS	Hollow ware	Patchy, misfired glaze ext	MC11 th – MC12 th	Dull brown to grey sandy fabric
9	222	293	Gritty ware	1	53	1	33	10	Rim	Jar/CP	A square-sectioned	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz up to 1mm, occ larger; sooted ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											everted rim		
9	222	293	Gritty ware	1	32	1	18	15	Rim	Jar/CP	Angular sub-square rim w/ slight int bevel	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz up to 1mm, occ larger
9	222	293	Gritty ware	1	15	1	12	15	Rim	Jar/CP	Curved everted rim w/ angular lip	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz up to 0.5mm, occ larger
9	222	293	Gritty ware	1	7	1	U/ID	U/ID	Rim	Jar	Small, square clubbed rim on a short curving neck	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz up to 0.5mm, occ larger; finely finished
9	222	293	Gritty ware	5	31	5			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff gritty fabric w/ abundant quartz & sparse rock frags up to 1mm, occ larger
9	222	293	Gritty ware	4	54	4			BS	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff gritty fabric w/ abundant quartz & sparse rock frags up to 1mm, occ larger; sooted ext
9	222	293	Gritty ware	2	50	2			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Dull orange to grey gritty fabric w/ abundant quartz up to 1mm, occ larger; sooted underside
9	222	293	Moderately-gritted Oxidised (MOX) ware	1	10	1			BS	Hollow ware	Patchy green splashed glaze ext	MC11 th – MC12 th	Abundant sub-rounded quartz up to 0.5mm, occ up to 1mm in a dull orange body
9	222	293	Shell Tempered ware	1	22	1			BS	Hollow ware	U/Dec	MC10 th – M/LC11 th	Abundant fine white shell in a buff-orange fabric
9	222	295	Buff Sandy ware	1	3	1			BS	Hollow ware	Brown glaze ext, streaky yellow glaze int	MC11 th – E/MC13 th	Fine buff sandy fabric w/ quartz up to 0.2mm
9	222	295	Beverley 1 ware	2	24	2			BS & shoulder/neck	Hollow ware	U/Dec	E/MC12 th – EC13 th	Hard, fine red fabric, one w/ grey core; fine quartz up to 0.2mm, occ larger w/ sparse

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													quartz up to 1mm
9	222	295	Fine Oxidised (FOX) type ware	1	6	1			BS	Jug	Patchy mottled green glaze ext	MC11 th – MC12 th	Fine orange fabric w/ fine quartz up to 0.2mm, rarely larger
9	222	295	Gritty ware	1	48	1	11	18	Rim	Jar/CP	Small triangular rim	MC11 th – E/MC13 th	Orange gritty ware w/ abundant quartz & red grit up to 1mm; heavily sooted ext
9	222	295	Gritty ware	1	19	1	13	11	Rim	Jar/CP	Round clubbed rim	MC11 th – E/MC13 th	Abundant quartz up to 1mm in a buff body; sooted ext
9	222	295	Gritty ware	9	80	9			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff gritty ware w/ abundant quartz up to 1mm occ larger; sooted ext
9	222	295	Gritty ware	1	19	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Thin-walled buff fabric w/ abundant quartz up to 0.8mm
9	222	295	Stamford type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	
9	230	229	Beverley 1 ware	1	16	1			BS	Hollow ware	Small spots of overfired splash glaze ext	E/MC12 th – EC13 th	Hard, dull orange to pale grey over-fired sherd in a slightly sandy fabric
9	230	229	Buff Sandy ware	1	13	1			BS	Hollow ware	Rare spots of splash glaze ext	MC11 th – M/LC12 th	Hard, fine buff to pale grey body w/ abundant fine quartz & black grit inclusions
9	230	229	Gritty ware	3	11	3			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff body w/ abundant quartz & occ rock up to 1mm
9	230	229	Humberware type	1	3	1			BS	Hollow ware	Patchy yellow-green glaze ext	LC13 th – C15 th	Sandy textured fabric
9	230	229	Stamford type ware	2	32	2			BS/shoulder	Hollow ware	U/Dec	LC9 th – LC11 th	Very finely finished vessels; shallow groove at base of neck
9	230	229	Stamford type ware	1	10	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted ext
9	230	229	Stamford type ware	1	7	1			BS	Hollow ware	Thin pale green glaze ext	LC9 th – LC11 th	
9	230	229	Stamford type ware	1	12	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Heavily burnt int & ext; fabric is black to brown

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	230	229	Stamford type ware	1	10	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Heavily burnt ext
9	230	229	Stamford type ware	1	2	1			BS	Hollow ware	Thin shiny yellow glaze ext	LC9 th – LC11 th	Partially secondarily burnt
9	234	233	Gritty ware	2	4	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Finer end of the Gritty ware spectrum; moderate sub-angular quartz up to 0.8mm
9	236	298	Fine Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 0.5mm giving a fine gritty texture, dull orange fabric
9	236	298	Gritty ware	1	15	1	U/ID	U/ID	Rim	Hollow ware	U/Dec	MC11 th – E/MC13 th	Short collared rim w/ pointed lip, slightly dished int; orange fabric w/ abundant quartz up to 1mm, occ rock frags, occ larger
9	236	299	Beverley 1 type ware	1	20	1			BS	Hollow ware	Spots of pale green splash glaze ext	E/MC12 th – EC13 th	
9	236	299	Beverley 1 type ware	1	14	1			BS	Hollow ware	Patchy green glaze ext, some mottling	E/MC12 th – EC13 th	
9	236	299	Beverley 1 type ware	1	6	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	
9	236	299	Beverley 1 ware	1	3	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Sooted ext
9	236	299	Buff Sandy ware	1	17	1	18	10	Rim	Jar/CP	Sub-rounded square rim w/ overhang	MC11 th – E/MC13 th	Buff to pale grey sandy fabric w/ quartz & rock frags up to 0.5mm, occ up to 1mm; sooted ext
9	236	299	Gritty ware	7	214	1			Profile	Jar/CP	Rilled body; small square everted rim	MC11 th – E/MC13 th	Hard, dense buff fabric w/ abundant quartz & moderate sub-angular red grit up to 1mm, occ larger; sooted ext
9	236	299	Gritty ware	3	7	3			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Burnt & sooted ext
9	236	299	Oxidised Sandy ware	1	63	1			Strap handle	Jug	Patchy pale green glaze on	C12 th – C13 th	Rather a sandier texture than is typical for Beverley 1 and harder than Beverley 2

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											top of handle		
9	236	299	Reduced Sandy ware	1	52	1			Base	Hollow ware	Smoothed int & ext	Medieval	Pale grey margins int & ext, dark grey core; abundant fine quartz up to 0.2mm, occ up to 0.4mm
9	236	299	Splash Glazed Sandy ware	3	13	3			BS	Hollow ware	Patchy green splash glaze ext on two sherds	LC11 th – E/MC13 th	
9	236	299	Stamford type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Very heavily overfired or burnt
9	236	299	Stamford type ware	1	3	1			BS	Hollow ware	Smoothed int & ext	LC9 th – LC11 th	
9	236	299	Torksey type ware	2	14	2			BS	Hollow ware	Smoothed int & ext	LC9 th +	Thin-walled vessel
9	254	253	Stamford type ware	1	5	1	27	4	Rim	Hollow ware	Sparse, patchy thin yellow glaze ext; small square rim	LC9 th – LC11 th	Small square rim w/ shallow groove around top of rim
9	254	253	Stamford type ware	1	4	1			BS/Shoulder	Hollow ware	U/Dec	LC9 th – LC11 th	
9	254	253	Stamford type ware	2	4	2			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt int & ext
9	254	253	Stamford type ware	1	1	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	
9	254	253	Stamford type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted ext
9	254	253	Stamford type ware	1	2	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt on underside
9	254	253	Torksey type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th +	
9	254	253	Torksey type ware	3	16	3			BS	Hollow ware	U/Dec	LC9 th +	Dull orange-brown surfaces rather than the usual dark grey

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	264	263	Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff gritty fabric w/ abundant sub-rounded quartz up to 1mm w/ sparse rock frags
9	266	265	Beverley 1 type ware	1	8	1			BS	Hollow ware	Patchy splash glaze ext	E/MC12 th – EC13 th	Reduced throughout w/ a thin dull orange ext margin; somewhat harder and denser than is typical
9	266	265	Beverley 1 ware	1	7	1			BS	Hollow ware	Spots of splash glaze ext	E/MC12 th – EC13 th	
9	266	265	Beverley 1 ware	1	5	1			BS	Hollow ware	Clear to pale green glaze ext	E/MC12 th – EC13 th	
9	266	265	Beverley 1 ware	1	2	1			BS	Hollow ware	Pale green glaze ext w/ thick black soot ext	E/MC12 th – EC13 th	
9	266	265	Beverley 1 ware	1	2	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	
9	266	265	Beverley type ware	1	6	1			BS	Hollow ware	U/Dec	E/MC12 th – EC14 th	Burnt & flaked ext
9	266	265	Brandsby type ware	1	6	1			BS	Hollow ware	Light green glaze w/ brown streaks	E/MC13 th – C14 th	
9	266	265	Brandsby type ware	1	4	1			BS	Hollow ware	Green-yellow mottled glaze ext	E/MC13 th – C14 th	
9	266	265	Buff Sandy ware	1	23	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	White/pale buff fabric w/ moderate quartz up to 0.5mm; light sooting ext, thick white lime deposit int only;
9	266	265	Buff Sandy ware	1	6	1	U/ID	U/ID	Rim	Jug	U/Dec	C13 th – C14 th	Hard, dense pale grey sandy fabric w/ quartz & red grit up to 0.5mm, occ up to 1mm, one very large rock frag 7mm, accidental
9	266	265	East Yorks Sandy ware	1	22	1	U/ID	U/ID	Rim & spout	Jug	Spots of dull green spl gl ext;	C12 th – C13 th	Hard grey sandy fabric w/ abundant fine quartz & sparse chalk, rare quartz up to

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											ridge on tall neck		1mm; pulled spout
9	266	265	Fine Sandy ware	1	2	1			BS	Hollow ware	U/Dec	Medieval	Very fine pale orange sandy fabric
9	266	265	Gritty ware	1	27	1	19	14	Rim	Jar/CP	Flat-topped angular rim	MC11 th – E/MC13 th	Hard, dense buff fabric w/ abundant quartz & sparse red grit up to 1mm, mainly around 0.5mm
9	266	265	Gritty ware	1	15	1	9	15	Rim	Jar	Unusual small flat-topped clubbed rim	MC11 th – E/MC13 th	Dense buff body w/ moderate, poorly sorted sub-angular quartz up to 0.5mm, occ larger
9	266	265	Gritty ware	1	3	1	U/ID	U/ID	Rim	Jar	Small sub-rounded clubbed rim	MC11 th – E/MC13 th	Typical buff fabric w/ abundant quartz
9	266	265	Gritty ware	7	51	7			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Hard, dense buff fabric w/ abundant quartz & sparse red fabric up to 1mm
9	266	265	Gritty ware	3	9	3			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff gritty body w/ light sooting ext
9	266	265	Gritty ware	1	5	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, dense pinkish-buff body w/ moderate, well-sorted quartz up to 1mm
9	266	265	Gritty ware	1	4	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Very thin walled vessel w/ abundant quartz up to 1mm
9	266	265	Gritty ware	1	17	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Dull orange fabric w/ abundant quartz up to 0.5mm, occ up to 1mm; sooted ext
9	266	265	Gritty ware	1	22	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz & sparse rock frags up to 1mm & finer in a hard buff body; dark coating ext
9	266	265	Gritty ware	5	19	5			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Reduced gritty wares; some variation in the size & density of inclusions; burnt & sooted ext
9	266	265	Hand-made Sandy ware	1	17	1			BS	Hollow ware	U/Dec	C11 th – EC12 th ?	Dull orange sandy fabric w/ moderate, poorly sorted quartz & red grit up to 1mm, mainly finer & sparse fine chalk incs;

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													possibly East Yorkshire
9	266	265	Hand-made Sandy ware	1	21	1			BS	Hollow ware	U/Dec	C11 th – EC12 th ?	Dull pale grey sandy fabric w/ abundant quartz up to 0.5mm, sparser grains up to 1mm; light sooting ext
9	266	265	Humberware	1	8	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	
9	266	265	Oxidised Gritty ware	1	31	1	11	20	Rim	Jar	U/Dec	MC11 th – E/MC13 th	Orange to buff body, laminated fracture, moderate, poorly sorted sub-ang quartz up to 1mm, rarely up to 4mm; round clubbed rim; sooted ext
9	266	265	Oxidised Sandy ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – C13 th ?	Fine dense pale orange body w/ fine white streaks; fine quartz up to 0.5mm & rare red grit up to 1.5mm
9	266	265	Reduced Chalky ware	1	13	1			Base	Hollow ware	Burnished int & ext	LC11 th – EC12 th	A fine reduced sandy fabric w/ abundant fine quartz <0.1mm & moderate, well-sorted chalk incs up to 0.5mm; probably a Beverly product; Didsbury 2009
9	266	265	Reduced Sandy ware	1	14	1			BS	Hollow ware	Dark green glaze ext; sooted ext	C13 th – C14 th ?	A fine pale grey fabric w/ moderate, well-sorted quartz & black grit up to 0.5, rare rock frags up to 1mm
9	266	265	Reduced Sandy ware	1	14	1			BS	Hollow ware	Dark mottled green-brown glaze ext	LC13 th – C14 th ?	A very hard, dense pale grey fabric w/ abundant quartz up to 0.5mm & sparse white rock frags up to 1mm
9	266	265	Stamford type ware	5	18	5			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt to pale grey int & ext
9	266	265	Stamford type ware	1	13	1			BS	Hollow ware	Patchy green glaze ext	LC9 th – LC11 th	
9	266	265	Stamford type ware	1	16	1			Base	Hollow ware	Spots of green overfired glaze ext	LC9 th – LC11 th	Appears to be a base with pinched 'feet'; unusual in Stamford ware
9	266	265	Torksey type	1	13	1			BS	Hollow ware	U/Dec	LC9 th +	Heavily sooted ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware										
9	266	265	York Glazed ware	1	25	1			BS	Jug	Small app pellets within a circle under dark green glaze	M/LC12 th – M/LC13 th	Fine white fabric w/ moderate, well-sorted quartz up to 0.5mm
9	266	265	York Glazed ware	2	11	2			BS	Hollow ware	Mottled green glaze ext	M/LC12 th – M/LC13 th	
9	268	267	Beverley 1 ware	1	19	1			BS	Hollow ware	Combed wavy lines below a ridge & green glaze ext	E/MC12 th – EC13 th	Elaborate decoration; probably an oval pot disc; 45x38mm
9	275	274	Beverley 1 type ware	1	5	1			BS	Hollow ware	Patchy green splash glaze ext	E/MC12 th – EC13 th	Sandier than is typical of Beverley ware w/abundant fine quartz
9	328	327	Fine Gritty ware	1	5	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	As buff gritty ware but w/ sparser & slightly finer quartz grit up to 0.5mm, rarely up to 1mm; burnt ext
9	328	327	Gritty ware	1	29	1	21	14	Rim	Jar/CP	Clubbed rounded rim w/ pointed cap	MC11 th – E/MC13 th	Abundant quartz up to 1mm, sparse black grit up to 0.8mm in a buff body
9	328	327	Gritty ware	5	37	5			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 1mm, sparse black grit up to 0.8mm in a buff body
9	328	327	Gritty ware	5	45	5			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 1mm, sparse black grit up to 0.8mm in a buff body; sooted ext
9	328	327	Gritty ware	1	17	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 1mm in a buff body
9	328	327	Stamford type ware	1	8	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Flat base; burnt int & ext
9	328	327	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Slight sooting ext
9	328	355	Stamford type ware	1	6	1	U/ID	U/ID	Rim	Small bowl	U/Dec	LC9 th – LC12 th	Flat everted rim w/ prominent internal flange; cf Kilmurry type 12; heavily burnt

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	328	355	Stamford type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th – LC12 th	Burnt ext
9	328	355	Stamford type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th – LC12 th	Slightly sandier texture than normal; pale grey burnt surface ext
9	330	329	Stamford type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Fine sandy fabric cf Fabric A
9	330	329	Torksey type ware	1	22	1			BS	Hollow ware	Smoothed ext	LC9 th +	Black burnt ext; appears to be hand-made
9	334	333	Gritty ware	1	4	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff body w/ abundant quartz & sparse rock up to 1mm, sooted ext
9	334	333	Stamford type ware	1	13	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt to an even grey colour ext
9	336	335	Gritty ware	4	31	4			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff-white fabrics varying in quantity & density of quartz inclusions
9	336	335	Stamford type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	As Stamford ware A but w/a thin dark grey core and reddish int & ext margins; burnt ext
9	340	339	Gritty ware	5	346	3			Base & BS	Jar/CP	U/Dec	MC11 th – E/MC13 th	Common quartz & sparse red grains up to 1mm, occ larger in a buff body; sooted on underside
9	344	343	Beverley 2 type ware	1	1	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Small, very heavily abraded, body sherd; soft, bright orange throughout
9	344	343	Shell Tempered ware	1	1	1			BS	Hollow ware	U/Dec	MC10 th – M/LC11 th	Fine, dense shell temper
9	344	343	Stamford type ware	5	26	5			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted ext
9	344	343	Stamford type ware	3	22	3			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted int & ext
9	346	345	Beverley 1 type ware	1	5	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Fine sandy fabric w/ rare chalk & fine mica ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	346	345	Stamford type ware	3	24	3			BS	Hollow ware	Thin clear glaze fuming ext	LC9 th – LC11 th	Lightly burnt
9	346	345	Stamford type ware	3	9	3			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted ext
9	346	345	Stamford type ware	1	11	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Lightly burnt ext
9	346	345	Stamford type ware	1	6	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt int & ext
9	346	345	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Pale grey throughout
9	346	345	Stamford type ware	1	6	1			Base	Hollow ware	Burnished ext	LC9 th – LC11 th	Sandy textured body, slightly coarser than Fabric A; burnt ext
9	346	345	Stamford type ware	2	6	2			BS	Hollow ware	Smoothed ext	LC9 th – LC11 th	Fine sandy textured fabrics
9	348	347	Beverley 1 type ware	2	21	1			Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	Fine dull red to grey-brown sandy fabric w/ very fine mica at surface
9	348	347	Beverley 1 type ware	1	3	1			Flake	Hollow ware	Spots of splashed glaze int	E/MC12 th – EC13 th	Internal flake; dull orange to pale grey
9	348	347	Beverley 2 type ware	1	2	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Heavily abraded body sherd
9	348	347	Buff Sandy ware	1	3	1			BS	Hollow ware	Rilled profile	C12 th – C13 th ?	Buff int & ext w/ a pale grey core; abundant fine quartz <0.2mm, occ grains up to 0.5mm
9	348	347	Gritty ware	1	22	1	17	12	Rim	Jar	Clubbed everted rim w/ pointed cap	MC11 th – E/MC13 th	Dense yellow-buff fabric w/ abundant sub-rounded quartz up to 1mm; thin-walled, finely finished vessel
9	348	347	Reduced Sandy ware	1	4	1			BS	U/ID	U/Dec	Medieval	A black sandy fabric w/ abundant fine quartz & sparse round grains up to 0.5mm
9	348	347	Torksey type ware	1	1	1			BS	Hollow ware	U/Dec	LC9 th +	Thin-walled vessel; heavily sooted ext
9	350	349	Beverley 2 ware	1	5	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Soft, heavily abraded sherd; oxidised in t& ext w/ cream core;

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	350	349	Gritty ware	1	20	1	26	7	Rim	Jar/CP	Angular rim w/ shallow groove on top	MC11 th – E/MC13 th	White-buff fabric w/ abundant quartz & moderate rock frags up to 1mm, some platy rock frags up to 2mm
9	350	349	Gritty ware	1	8	1			BS/Shoulder	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, dense, smooth pale orange fabric w/ abundant quartz up to 1mm, occ larger, thin-walled vessel
9	350	349	Gritty ware	1	5	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pale orange to grey body w/ abundant quartz up to 0.5mm, occ larger; light sooting ext
9	350	349	Gritty ware	1	15	1	13	15	Rim	Jug?	U/Dec	MC11 th – E/MC13 th	Distinctive very hard, semi-vitrified fabric, grey w/ well-defined orange margins; common quartz up to 0.4mm
9	350	349	Shell Tempered ware	1	5	1			BS	Hollow ware	U/Dec	MC10 th – M/LC11 th	Dark grey core, dull orange margins; soft & vesicular; pitted & abraded surfaces
9	350	349	Splash Glazed Greyware	1	12	1			BS	Hollow ware	Spots of dull green splashed glaze ext	LC9 th +	As Torksey type ware but with splash glaze ext
9	350	349	White Gritty ware	1	25	1			BS	Hollow ware	Small spots of green spl gl ext	MC11 th – E/MC13 th	Distinctive hard, dense white to pale grey fabric w/ abundant well-sorted quartz & sparse rock frag up to 0.5mm, occ up to 1mm
9	350	349	White Sandy ware	1	11	1			BS	Hollow ware	Smoothed int	MC11 th – M/LC13 th	A hard white to grey sandy fabric w/ abundant fine quartz, sandier than Stamford ware
9	352	351	Brown Sandy ware	1	2	1			BS	Hollow ware	U/Dec	Early medieval	Small, abraded brown sandy fabric w/ abundant, well-sorted fine quartz up to 0.5mm but mainly finer; hand-made?
9	352	351	Gritty ware	1	5	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Hard, dense red fabric w/ abundant rounded quartz & sparse red rock frags up to 0.5mm, occ larger

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	358	357	Beverley 1 ware	1	2	1			BS	Hollow ware	Thin yellow-green splash glaze ext	E/MC12 th – EC13 th	
9	358	357	Gritty ware	2	27	2			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Typical yellow-buff gritty sherds w/ abundant sub-angular quartz up to 1mm; burnt ext
9	358	357	Gritty ware	2	8	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff gritty fabric w/ abundant sub-round quartz up to 1mm
9	358	357	Gritty ware	2	24	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff gritty fabric w/ abundant sub-round quartz up to 1mm, mainly finer; sooted ext
9	358	357	Splash Glazed Sandy ware	3	74	1	U/ID	U/ID	Rim & pulled spout	Jug	Spots of clear splash glaze ext; tall corrugated neck	MC11 th – E/MC13 th	Hard, even orange fabric w/ moderate, well-sorted quartz up to 1mm, mainly finer; hard, well-finished vessel
9	358	357	Stamford type ware	1	24	1	14	11	Rim	Jar	Smoothed int & ext	LC9 th – LC12 th	Sharply everted wedge-shaped rim w/ dished int profile, cf Kilmurry Form 2; fabric is sandier than typical Stamford ware but not as coarse as Torksey type ware
9	358	357	Stamford type ware	1	10	1			Sagging base	Jar	Knife-trimmed wall & base	LC9 th – LC12 th	Form is Stamford ware but the fabric is sandier than typical, not as sandy as Torksey type ware
9	358	357	Stamford type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th – LC12 th	Heavily burnt ext; cf Stamford ware fabric A
9	358	357	Torksey type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th +	
9	358	390	Stamford type ware	1	13	1			BS	Hollow ware	U/Dec	LC9 th – LC12 th	A slightly sandy Stamford ware fabric; lightly burnt int & ext; pale grey in colour
9	360	359	Sandy ware	1	7	1			BS	Hollow ware	U/Dec	Medieval	Heavily burnt throughout; abundant quartz up to 0.5mm w/ sparse chalk grains up to 1mm
9	360	359	Stamford type	1	10	1			Base	Hollow ware	Knife-trimmed	LC9 th –	Burnt ext, burnt & sooted int

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware								ext	LC11 th	
9	360	359	Stamford type ware	1	16	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Light grey burnt surface ext
9	360	359	Stamford type ware	1	1	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	
9	360	359	Stamford type ware	1	12	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt int, burnt & heavily sooted ext
9	360	359	Stamford type ware	1	8	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt & sooted ext
9	362	361	Gritty ware	1	5	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff gritty ware w/ abundant quartz up to 0.8mm occ larger in a dense buff body; sooted ext
9	362	361	Stamford type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th – LC12 th	Burnt throughout
9	364	363	Stamford type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th – LC12 th	Light sooting ext
9	370	369	Buff-white ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – C13 th ?	Pale orange margins w/ cream core; moderate quartz up to 0.5mm
9	370	369	Beverley 1 type ware	1	3	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Dark orange body w/ abundant quartz up to 0.4mm, sparse biotite ext
9	372	371	Beverley 1 ware	1	10	1			Strap handle	Jug	Thin patchy yellow-green glaze	E/MC12 th – EC13 th	
9	372	371	Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	White body w/ moderate quartz, black & red grit up to 1mm, mainly finer
9	372	371	Fine White Splashed (WHFIN) type ware	1	6	1			BS	Hollow ware	Pale green glaze w/ darker mottling	C11 th – MC12 th	Fine white fabric w/ sparse quartz up to 1mm, mainly finer & sparse fine red grit
9	380	379	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Light sooting ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	380	379	Stamford type ware	1	28	1	10.5	29	Rim	Jar	Finely finished lid-seated rim on a globular body	LC9 th – LC11 th	No exact parallel in either Stamford or Pontefract; thick everted rim w/ a dished, lid-seated rim on a globular body , light sooting
9	386	385	Gritty ware	2	11	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff gritty ware; one sooted
9	414	414	Stamford type ware	2	20	1			Sagging base	Hollow ware	U/Dec	LC9 th – LC11 th	Heavily burnt & sooted ext
9	414	414	Stamford type ware	1	1	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Heavily burnt & sooted ext
9	414	414	Stamford type ware	1	8	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Slightly thicker sherd than normal and slightly sandy in texture; pale grey ext, slightly burnt
9	415	526	Fine Sandy ware	1	2	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Fine black fabric w/ a dull buff int margin; could be a misfired Stamford ware
9	415	526	Gritty ware	2	7	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff gritty ware; sooted ext; one heavily abraded
9	415	526	Hallgate B ware	1	8	1			BS	Hollow ware	Thin yellow glaze ext	C12 th	
9	415	526	Stamford type ware	2	58	1			Sagging base	Hollow ware	Knife-trimmed ext	C10 th – C11 th	A sandy fabric cf Fabric A, but still fine and white; irregular shape & burnt ext
9	415	526	Stamford type ware	3	11	3			BS	Hollow ware	U/Dec	C10 th – C11 th	Sandy textured sherds; burnt & discoloured
9	415	526	Torksey type ware	1	10	1			Sagging base	Hollow ware	U/Dec	LC9 th +	Sagging base w/ typical sharp ext angle
9	415	526	Torksey type ware	1	1	1			BS	Hollow ware	U/Dec	LC9 th +	
9	421	420	Stamford type ware	1	10	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Possible pot disc; 39.5x40.7mm
9	421	420	Stamford type ware	1	3	1			BS	Hollow ware	Thin greenish glaze ext	LC9 th – LC11 th	
9	421	496	Stamford type	1	5	1			BS	Hollow ware	U/Dec	LC9 th –	Burnt & sooted ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware									LC11 th	
9	423	422	Fine Gritty ware	1	6	1			BS	Hollow ware	Smoothed int & ext	MC11 th – E/MC13 th	Buff body , burnt ext; moderate quartz up to 0.5mm, occ larger
9	423	422	Fine Sandy ware	1	13	1			BS	Hollow ware	U/Dec	C11 th – C12 th	Grey reduced or secondarily burnt fine sandy fabric, slightly coarser than Stamford fabric A
9	423	422	Gritty ware	1	24	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Abundant angular quartz up to 1mm, occ larger; black deposit ext, hard burnt deposit int
9	423	422	Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Reduced throughout; abundant angular quartz up to 1mm, mainly finer; burnt int & ext
9	423	422	Shell Tempered ware	1	24	1			Base	Hollow ware	U/Dec	MC10 th – M/LC11 th	Highly vesicular black fabric, extensively leached
9	423	422	Shell Tempered ware	1	16	1			BS	Hollow ware	Smoothed int & ext	MC10 th – M/LC11 th	Abundant fine shell temper in a black body
9	423	422	Stamford type ware	1	4	1			BS	Hollow ware	Smoothed int & ext	C10 th – C11 th	Fine sandy fabric cf Fabric A
9	423	422	Torksey type ware	1	4	1	U/ID	U/ID	Rim	Flanged bowl	U/Dec	LC9 th +	Sharply everted rim w/ a dished top; cf Mainman 1990: Figure179
9	433	432	Beverley 1 ware	1	5	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Sooted ext
9	433	432	Beverley 2 ware	1	3	1			BS	Hollow ware	Clear glaze ext; fine parallel grooves ext	EC13 th – EC14 th	
9	433	432	Fine Gritty ware	1	11	1	12	10	Rim	Jar	Finely finished int & ext	MC11 th – E/MC13 th	Unusual tall neck w/ a small, sharply everted flat-topped rim; fine reduced fabric w/ abundant quartz up to 0.5mm, mainly finer

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	433	432	Gritty ware	1	35	1	17	11	Rim	Jar	Angular rim w/ dished top	MC11 th – E/MC13 th	Abundant quartz up to 1mm, occ larger in a buff fabric w/ a pale grey core
9	433	432	Gritty ware	1	14	1	15	10	Rim	Jar	U/Dec	MC11 th – E/MC13 th	Short collared rim, rectangular w/ rounded corners; abundant quartz up to 1mm in a pale orange body
9	433	432	Gritty ware	3	34	3			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	White to grey body w/ abundant quartz w/ sparse rock frags up to 1mm, occ larger
9	433	432	Gritty ware	1	9	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Orange body w/ abundant quartz up to 0.5mm, occ up to 1mm
9	433	432	Gritty ware	1	2	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Yellow-buff body w/ abundant quartz up to 1mm
9	433	432	Gritty ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard buff to grey body w/ abundant quartz up to 1mm
9	433	432	Humberware	1	3	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	
9	433	432	Oxidised Sandy ware	1	6	1			BS	Hollow ware	U/Dec	LC11 th – C13 th ?	Dark orange fabric w/ common quartz & black grit up to 0.5mm, occ up to 1mm; sooted ext
9	433	432	Reduced Sandy ware	1	383	1			Sagging base	Jug/jar	Small spots of green glaze on underside	C13 th – C15 th	A very hard, dense reduced grey fabric w/ a dull orange ext margin; abundant quartz up to 0.5mm, occ up to 1mm, sparse black grit; stacking scar on underside
9	433	432	Reduced Sandy ware	1	3	1			BS	Hollow ware	U/Dec	C13 th – C15 th	Finer than the base from this context; hard, dense pale grey body w/ common fine quartz up to 0.2mm
9	433	432	Stamford type ware	1	5	1	U/ID	U/ID	Rim	Jug/pitcher	U/Dec	LC9 th – LC11 th	Flat-topped clubbed rim
9	433	432	Stamford type ware	1	16	1			BS	Hollow ware	Knife-trimmed ext	EC10 th – LC11 th	Burnt ext; sandy texture cf fabric A
9	433	432	Torksey type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th +	Pitted & abraded int

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	435	434	Oxidised Sandy ware	1	5	1			BS	Hollow ware	U/Dec	Medieval	Hard, dense pale orange-buff sandy fabric w/ abundant fine quartz up to 0.2mm, rarely up to 0.5mm
9	439	438	Stamford type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Very thin-walled body sherd in a white, very fine sandy texture
9	448	448	East Yorks Sandy ware	1	28	1	23	7	Rim	Jar/CP	Smoothed int & ext; everted rim w/ angular lip	C12 th – C13 th	Similar to Bev 1 but slightly sandier in texture; abundant fine quartz & sparse fine white chalk grains
9	448	448	Fine Oxidised (FOX) type ware	1	6	1			Base	Hollow ware	Knife trimmed ext	MC11 th – M/LC12 th	A fine red oxidised fabric w/ moderate sub-angular quartz up to 0.5mm; burnt ext
9	448	448	Gritty ware	1	17	1	21	7	Rim	Jar/CP	Square-sectioned rim w/ overhang	MC11 th – E/MC13 th	Buff gritty fabric w/ abundant quartz up to 1mm, occ up to 2mm; chipped & abraded
9	448	448	Gritty ware	1	7	1	U/ID	U/ID	Rim	Jar/CP	Small angular rim	MC11 th – E/MC13 th	Hard, dense buff fabric w/ abundant quartz & sparse red fabric up to 1mm
9	448	448	Gritty ware	1	13	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 1mm & finer; sooted ext
9	448	448	Gritty ware	1	13	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz & sparse red grit up to 1mm in a buff body
9	448	448	Gritty ware	1	16	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 0.4mm & finer; heavily pitted & chipped on both sides
9	448	499	Beverley 1 type ware	1	49	1	14	25	Rim	Jug	Sparse, patchy brown splash glaze ext	E/MC12 th – EC13 th	Clubbed, rounded everted rim in a very hard, fine orange body w/ a grey core; very finely finished
9	448	499	Gritty ware	1	13	1			Base	Hollow ware	Smoothed above base	MC11 th – E/MC13 th	Abundant quartz & sparse red grit up to 1mm in a buff body
9	448	499	Reduced Sandy ware	1	27	1			Base	Hollow ware	Dark green glaze int & ext	C13 th – C14 th	Abundant fine quartz up to 0.5mm, rare white grit up to 2mm in an even grey body
9	453	452	Beverley 1 ware	1	5	1			BS	Hollow ware	Patchy pale green splashed	E/MC12 th – EC13 th	Grey core, orange margins

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											glaze ext		
9	453	452	Reduced Sandy ware	1	14	1			BS	Hollow ware	Green glaze w/ white slip stripe ext	C13 th ?	Hard, fine reduced fabric w/ abundant quartz up to 0.2mm, occ larger; possible irregular pot disc; 38/40mm
9	453	452	Splash Glazed Sandy ware	1	11	1			BS	Hollow ware	Patchy clear to pale green splash glaze ext	MC11 th – E/MC13 th	Hard, dense, pale orange to pale grey sandy fabric w/ abundant round quartz up to 0.4mm & sparse fine black grit
9	453	452	Splash-glazed Oxidised Sandy ware	1	12	1			BS	Hollow ware	Small spots of splash glaze ext	MC11 th – E/MC13 th	Orange throughout w/ fine quartz up to 0.2mm, occ up to 0.5mm
9	453	452	Stamford type ware	1	5	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Fine sandy Stamford type ware;cf Fabric A; burnt dark grey surface ext
9	455	454	Beverley 1 type ware	1	22	1	U/ID	U/ID	Rim	Jar/CP	Small spots of overfired splash glaze int	E/MC12 th – EC13 th	Rounded everted rim on a globular body, heavily burnt & sooted on body rim but not neck
9	455	454	Gritty ware	2	14	1			BS	Hollow ware	Smoothed ext	MC11 th – E/MC13 th	Hard, dense buff fabric w/ abundant, well-sorted sub-angular quartz up to 1mm; burnt ext
9	455	454	Gritty ware	2	9	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff gritty ware w/ hard, dense buff body & quartz grit up to 1mm
9	457	456	Gritty ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant round quartz up to 1mm
9	459	458	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt ext; slightly sandier than typical Stamford type ware
9	461	460	Gritty ware	1	6	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant round quartz up to 1mm
9	463	462	Gritty ware	3	13	3			Base & BS	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff body w/ abundant quartz & sparse rock up to 1mm, occ larger
9	463	462	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Buff ext, grey core & light grey int; sandy texture cf Fabric A
9	465	464	Beverley 1	1	1	1			BS	Hollow ware	U/Dec	E/MC12 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware									– EC13 th	
9	465	464	Oxidised Sandy ware	1	4	1			BS	U/ID	U/Dec	Medieval	Unidentified fine hard oxidised pale orange to cream fabric
9	471	470	Stamford type ware	1	2	1			Base	Hollow ware	Pale green glaze ext	C10 th – C11 th	cf Kilmurry's Fabric A
9	474	475	Gritty ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Orange body w/ abundant quartz up to 1mm
9	481	481	Beverley 1 ware	1	1	1			BS	Hollow ware	Patchy splash glaze ext	E/MC12 th – EC13 th	
9	481	481	White Sandy ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – M/LC13 th	A fine white to grey sandy fabric w/ abundant fine quartz up to 0.1mm, sparse red/black grit up to 1mm, mainly finer
9	490	410	Beverley 1 type ware	1	31	1			BS	Hollow ware	Rare parches of overfired purple glaze ext	E/MC12 th – EC13 th	Hard, dark orange fabric w/ common fine quartz grains
9	490	410	Beverley 1 type ware	3	14	3			BS	Hollow ware	Green glaze ext; some mottling	E/MC12 th – EC13 th	
9	490	410	Fine Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Yellow-buff fabric w/ abundant quartz up to 0.5mm
9	490	410	Gritty ware	1	40	1			Base	Jar/CP	Spot of pale green glaze on underside	MC11 th – E/MC13 th	Fine buff gritty ware w/ abundant, well-sorted sub-rounded quartz up to 0.5mm
9	490	410	Gritty ware	1	11	1			Rim	Jar/CP	Square-sectioned rim w/ rounded corners	MC11 th – E/MC13 th	Abundant sub-rounded quartz up to 1mm, occ larger in a light buff fabric
9	490	410	Gritty ware	1	5	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Hard, dense pale red fabric w/ moderate, well-sorted quartz & sparse platey rock frags up to 1mm
9	490	410	Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, dense buff to pale grey body w/ quartz & sparse black grit up to 0.5mm, occ larger

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	490	410	Moderately-gritted Oxidised (MOX) ware	1	7	1			BS	Hollow ware	U/Dec	c.1050 – c.1150	Grey ext, orange int margin; abundant sub-angular quartz up to 1.2mm, mainly finer
9	490	410	Moderately-gritted Oxidised (MOX) ware	1	3	1			BS	Hollow ware	U/Dec	c.1050 – c.1150	Dull orange int & ext w/ thin grey core; Abundant sub-angular quartz up to 1mm
9	490	410	Oxidised Gritty ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pale orange fabric w/ cream core; moderate, quartz up to 1mm, mainly finer, occ larger
9	491	492	Buff Sandy ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff body w/ abundant sub-angular quartz & sparse rock frags up to 0.4mm; as gritty ware but finer
9	495	495	Beverley 1 type ware	1	3	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	A small sherd w/ pitted ext surface
9	507	519	Gritty ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pale orange fabric w/ moderate, well-sorted quartz up to 1mm, mainly finer
9	509	510	Buff Sandy ware	2	7	2			BS	Hollow ware	Smoothed ext	MC11 th – E/MC13 th	Fine buff sandy fabric w/ abundant fine quartz <0.2mm; one sherd burnt & sooted
9	509	510	Gritty ware	1	19	1	18	12	Rim	Jar/CP	Triangular-section rim	MC11 th – E/MC13 th	Typical hard, buff gritty fabric w/ moderate sub-round quartz & occ red grit up to 1mm; slightly unusual rim form
9	509	510	Gritty ware	2	12	2			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Typical hard, buff gritty fabric w/ common sub-round quartz & occ red grit up to 1mm
9	509	510	Gritty ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Reduced w/ red ext margin; moderate quartz up to 1mm, mainly finer
9	512	511	Moderately-gritted Oxidised (MOX) ware	1	17	1	14	15	Rim	Jar/CP	Finely finished int & ext	LC11 th – LC12 th	Abundant round quartz & moderate red grit up to 0.5mm in a hard orange body; sharply everted lid-seated rim, overhanging & sooted

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
9	512	511	Moderately-gritted Oxidised (MOX) ware	1	16	1			Base	Jar/CP	Dry-smoothed ext	LC11 th – LC12 th	Pale orange w/ a pale grey core; abundant sub-rounded quartz & moderate red grit up to 1mm
9	528	527	Moderately-gritted Oxidised (MOX) ware	1	9	1			BS	Hollow ware	U/Dec	C12 th – E13 th	Dull red to grey-brown smooth fabric w/ moderate to abundant well-sorted sub-angular quartz up to 1mm; finer than MOX, not Beverley
9	570	569	Gritty ware	1	10	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Abundant quartz & sparse rock frags up to 1mm in a dark buff body; sooted ext
9	570	569	Gritty ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff gritty ware; light sooting ext
9	574	573	Gritty ware	1	14	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Hard, dense buff-pink fabric w/ common, well-sorted sub-round quartz up to 1mm, occ larger
9	584	583	Stamford type ware	4	23	4			BS	Hollow ware	U/Dec	C10 th – C11 th	A fine sandy-textured Stamford type fabric
9	584	583	Stamford type ware	1	5	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	A fine sandy-textured Stamford type fabric; heavily sooted ext
9	584	583	Stamford type ware	2	14	2			Base	Hollow ware	U/Dec	C10 th – C11 th	A fine sandy-textured Stamford type fabric; heavily sooted ext, slightly sagging bases
9	584	583	Stamford type ware	1	9	1	13	10	Rim	Bowl	U/Dec	LC9 th – LC11 th	Small clubbed rim, slightly inturned
9	584	583	Stamford type ware	1	10	1	13	10	Rim	Bowl	U/Dec	LC9 th – LC11 th	Flat-topped clubbed rim, slightly inturned, sooted ext
9	584	607	Reduced Sandy ware	1	9	1			BS	Jug?	Dark green glaze ext	Medieval	Hard, fine dark grey sandy fabric w/ abundant fine quartz up to 0.2mm, occ larger
9	588	587	Beverley 2 type ware	1	3	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Small abraded sherd; lightly burnt ext
9	588	587	Buff Sandy ware?	1	10	1			BS	Hollow ware	U/Dec	Medieval	A fine even sandy fabric, burnt throughout to a pale grey; fine quartz & black grit up to

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													0.1mm
9	588	587	Torksey type ware	2	40	1			Base	Hollow ware	U/Dec	LC9 th +	
9	598	596	Beverley 1 ware	1	6	1			NS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Dull red sandy fabric w/ abundant fine quartz up to 0.1mm, occ larger & sparse red grit up to 1mm
9	598	596	Gritty ware	1	11	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Pale orange-buff body w/ abundant quartz up to 0.8mm, occ larger; light sooting ext
9	598	597	Gritty ware	1	22	1	U/ID	U/ID	Rim	Jar/CP	Rilled body	MC11 th – E/MC13 th	Square-sectioned everted rim; pale dense grey fabric w/ abundant quartz up to 1mm & sparse mudstone up to 3mm
9	528&415	526&528	Hand-made Sandy ware	3	33	1			BS	Hollow ware	Smoothed int & ext	C10 th – C12 th ?	A hard, fine orange sandy fabric w/ abundant quartz up to 0.5mm, occ larger, sparse round rock frags; not the same as HM wares discussed by M&J
10	431	430	Gritty ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff body w/ abundant sub-angular quartz up to 1mm
10	431	430	Oxidised Sandy ware	1	13	1			Rod handle	Jug	Yellow-green mottled glaze	C13 th – C14 th ?	Small flattened rod handle w/ three small thumbings; hard dark red to grey body w/ abundant quartz up to 0.5mm, mainly finer
10	431	430	Scarborough 2 ware?	1	2	1			BS	Hollow ware	Dark green glaze ext on a finely rilled body	MC13 th – C14 th	A fine, even fabric closely resembling SC2 but reduced to a pale grey throughout; note issues around dating
10	477	476	Beverley 1 ware	1	2	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	
10	477	476	Gritty ware	1	6	1	U/ID	U/ID	Rim	Hollow ware	Square-sectioned rim w/ rounded corners & ext groove	MC11 th – E/MC13 th	Buff to pale orange fabric w/ abundant quartz up to 1mm
10	477	476	Sandy ware	1	4	1			Base	Hollow ware	Smoothed int &	Medieval	Very heavily burnt & discoloured; may be a

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											ext		Beverley type ware
10	477	476	York Glazed ware	1	6	1			Base	Hollow ware	Patchy bright green glaze int & ext	M/LC12 th – M/LC13 th	Fine white fabric w/ sparse round quartz up to 0.5mm
10	509	520	Fine Oxidised (FOX) type ware	1	6	1			BS	Hollow ware	Patchy bright green splash glaze ext	MC11 th – E/MC13 th	Pale buff-orange ext margin, pale grey int; abundant fine round quartz up to 2mm, rare sub-ang up to 0.5mm
10	509	520	Gritty ware	1	7	1	U/ID	U/ID	Rim	Jar/CP	Sharply everted square-sectioned rim	MC11 th – E/MC13 th	Typical hard buff gritty fabric w/ abundant quartz up to 1mm, rarely up to 2mm
10	509	520	Gritty ware	1	20	1			BS	Hollow ware	Thin whitish deposit ext	MC11 th – E/MC13 th	Hard, buff gritty fabric w/ very abundant quartz up to 1mm, occ up to 1.5mm
10	509	520	Gritty ware	3	16	3			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard buff gritty ware, sooted ext, abundant quartz up to 0.5mm, occ up to 1mm
10	509	520	Gritty ware	1	6	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	A fine oxidised orange fabric w/ moderate, well-sorted quartz up to 1mm giving a gritty finish but much less dense than other gritty fabrics
10	509	520	Gritty ware	1	2	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Typical buff gritty ware w/ hard, dense buff body & quartz grit up to 1mm
10	509	520	Oxidised Gritty ware	1	72	1			BS/strap handle	Jug	Patchy thin dull green splash glaze ext	MC11 th – E/MC13 th	Hard orange body w/ abundant, well-sorted sub-angular quartz up to 1mm; unusually gritty for a jug
10	509	520	Oxidised Sandy ware	1	8	1			BS	Hollow ware	Patchy white slip ext under clear glaze	Medieval	A very fine, even bright red fabric w/ fine quartz grains; an unusual fabric & finish, non-local?
10	509	520	Oxidised Sandy ware	1	11	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	A pale orange fabric w/ a cream core (cf cxt 410) w/ common quartz up to 0.5mm, occ 1mm but not enough to give gritty texture
10	509	520	Stamford type ware	1	11	1			Base	Hollow ware	Knife-trimmed ext	LC9 th – LC11 th	Light sooting ext
10	509	520	Stamford type	1	1	1			BS	Hollow ware	Smoothed ext	LC9 th –	Burnt ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware									LC11 th	
10	509	520	York Glazed ware	1	16	1			BS	Jug?	Bright green glaze ext	M/LC12 th – M/LC13 th	Hard, fine sandy dark grey body w/ pale grey outer margin
10	509	520	York Glazed ware	1	86	1			Rod handle	Jug	Dark green glaze on ridge top of handle	M/LC12 th – M/LC13 th	Hard, fine sandy dark grey body w/ pale buff to grey outer margin
11	232	231	Staxton / Potter-Brompton type ware	1	31	1	24	8	Rim	Jar/CP	Finger impressions on ext of everted rim	E/MC13 th – EC14 th	Orange-brown to grey body w/ abundant quartz up to 1mm, sparse platy red grit, rarely up to 7mm, mainly finer
11	447	446	Beverley 1 ware	1	1	1			BS	Hollow ware	Spots of splashed glaze ext	E/MC12 th – EC13 th	
11	447	446	Beverley 2 ware	1	9	1			Base	Hollow ware	U/Dec	EC13 th – EC14 th	Burnt ext; abraded
11	447	446	Brandsby type ware	2	2	2			BS	Hollow ware	Mottled green glaze ext	E/MC13 th – C14 th	
11	447	446	Brandsby type ware	2	9	2			BS	Hollow ware	Patches of pale yellow/green glaze ext	E/MC13 th – C14 th	
11	447	446	Brandsby type ware	1	2	1			BS	Hollow ware	U/Dec	E/MC13 th – C14 th	
11	447	446	Buff Sandy ware	4	12	4			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	As Gritty ware but finer inclusions
11	447	446	Gritty ware	4	16	4			BS	Hollow ware	Rilled profile	MC11 th – E/MC13 th	One sooted; all have typical buff gritty fabrics
11	447	446	Gritty ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abraded fragment
11	447	446	Humberware	1	14	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	Pitted & chipped ext; slightly sandier than typical Humberware

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
11	447	446	Oxidised Gritty ware	1	5	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pale orange fabric w/ moderate quartz up to 1mm, mainly finer
11	447	446	Sandy ware	1	3	1			BS	Hollow ware	U/Dec	Medieval	Heavily abraded sandy fabric w/ abundant fine quartz up to 0.1mm
11	447	446	Stamford type ware	1	7	1	U/ID	U/ID	Rim	Cooking pot	U/Dec	C10 th – C11 th	Sharply everted rim w/ dished profile; cf Kilmurry 1980: Fig 49; 12, Form 3, Fabric A
11	447	446	Stamford type ware	1	16	1	U/ID	U/ID	Rim	Cooking pot	U/Dec	C10 th – C11 th	Wedge-rimmed cooking pot w/a dished profile; cf Kilmurry 1980: Fig 47; 20, Form 3, Fabric A
11	447	446	Stamford type ware	1	2	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Heavily burnt; black throughout
11	447	446	Torksey type ware	1	8	1			BS	Hollow ware	U/Dec	LC9 th +	Sooted ext
11	447	446	Torksey type ware	1	2	1			BS	Hollow ware	U/Dec	LC9 th +	Small part of a rounded rim
11	447	446	York Glazed ware	1	1	1			BS	Hollow ware	Dark green glaze ext on a rilled body	M/LC12 th – M/LC13 th	
11	447	446	Torksey type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th +	Slightly finer than typical Torksey-type ware
12	214	213	Buff Sandy ware	1	17	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Sooted ext; dull orange to buff-brown sandy fabric w/ abundant fine quartz sand
12	214	213	Gritty ware	1	19	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff-yellow gritty ware w/ abundant quartz & sparse red grit up to 1mm, occ larger
12	214	213	Humberware	1	58	1			Base	Hollow ware	Small spots of glaze on underside	LC13 th – C15 th	
12	214	213	Oxidised Sandy ware	2	13	2			BS	Hollow ware	U/Dec	Medieval	Hard, dense oxidised fabric w/ a grey core; sparse, poorly sorted quartz up to 1mm
12	214	213	Oxidised Sandy ware	1	4	1			BS	Hollow ware	U/Dec	Medieval	Oxidised ext margin, grey int; sandy fabric w/ abundant round quartz up to 0.4mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	214	213	Splash-glazed Sandy ware	1	19	1			Base	Hollow ware	Spots of clear/green splash glaze ext	MC11 th – E/MC13 th	Abraded sherd w/ abundant fine quartz sand
12	238	237	Gritty ware	3	41	3			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	
12	238	237	Humberware	1	9	1			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	
12	238	237	Humberware	1	14	1			BS	Hollow ware	Streaks of green glaze on a knife-trimmed surface	LC13 th – C15 th	
12	238	237	Humberware	1	20	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	Sandy Humberware
12	238	237	Reduced Sandy ware	1	10	1			Rim	Hollow ware	U/Dec	Medieval	A fine sandy reduced fabric w/ fine quartz sand
12	238	237	Torksey type ware	1	22	1	14	15	Rim	Flanged bowl	Smoothed int & ext	LC9th+	Flat, sharply everted rim
12	238	276	Buff Sandy ware	1	3	1			BS	Hollow ware	Rilled profile	MC11 th – E/MC13 th	As Gritty ware but without the coarser quartz element
12	238	276	Gritty ware	5	158	4			BS	Jar/CP	Rilled profile	MC11 th – E/MC13 th	Buff gritty fabric
12	238	276	Humberware	3	45	3			BS	Hollow ware	Streaky glaze ext	LC13 th – C15 th	
12	238	276	Humberware	1	31	1			Base	Hollow ware	Spots of glaze on underside	LC13 th – C15 th	
12	260	259	Beverley type ware	1	6	1			Flake	U/ID	No surfaces surviving	E/MC12 th – EC14 th	Heavily abraded flake
12	260	259	Buff Sandy ware	1	5	1			BS	Hollow ware	Pale green glaze ext	C12 th – C13 th	Abundant fine round quartz up to 0.2mm
12	260	259	Buff Sandy ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – LC13 th	Buff to pale grey fabric w/ abundant quartz & sparse red grit <0.5mm
12	260	259	Fine Buff Sandy ware	1	3	1			BS	Hollow ware	Spots of clear to green splash	MC11 th – E/MC13 th	Fine light buff fabric w/ abundant round quartz up to 0.2mm, mainly finer

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											glaze ext		
12	260	259	Gritty ware	1	31	1	30	6	Rim	Jar/CP	Rilled body; square section overhanging rim	MC11 th – E/MC13 th	Hard, dense, dark orange fabric w/ grey core; moderate quartz & rounded rock frags up to 1mm
12	260	259	Gritty ware	1	4	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Orange gritty fabric w/ common sub-rounded quartz up to 0.8mm
12	260	259	Gritty ware	1	6	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff gritty fabric w/ abundant quartz up to 1mm; burnt & blackened ext
12	260	259	Gritty ware	1	2	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff-pink fabric w/ moderate quartz & red grit up to 0.5mm, occ larger
12	260	259	Gritty ware	1	2	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 0.5mm
12	260	259	Humberware	1	266	1	U/ID	U/ID	Rim & handle	Jug	Green glaze ext; stabbed holes at top of handle	LC13 th – C15 th	Hard fine dark grey fabric
12	260	259	Humberware	1	45	1			BS	Hollow ware	Green-brown glaze ext & patchy glaze int	LC13 th – C15 th	
12	260	259	Humberware	1	6	1			BS	Hollow ware	Streaky green glaze ext	LC13 th – C15 th	
12	260	259	Low Countries Redware	1	1	1			BS	U/ID	Clear glaze on one side	LC14 th – C15 th	
12	260	259	Low Countries Redware	1	3	1			BS/Shoulder	Hollow ware	Clear glaze ext & partially int	LC14 th – C15 th	
12	260	259	Oxidised Sandy ware	1	6	1			BS	Hollow ware	Smoothed ext	MC11 th – LC13 th	Very fine orange sandy fabric
12	260	259	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Pale grey ext surface
12	260	259	Staxton / Potter-Brompton	1	14	1			BS	Hollow ware	Smoothed int & ext	E/MC13 th – EC14 th	Dull orange surface w/ grey core

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			type ware										
12	260	259	Staxton / Potter-Brompton type ware	1	7	1			BS	Hollow ware	Smoothed surfaces	E/MC13 th – EC14 th	Pitted, abraded & sooted on one side
12	260	259	Reduced Sandy ware	1	4	1			BS	Hollow ware	Smoothed int & ext	Medieval	Hard, dense reduced fabric w/ moderate, well-sorted sub-angular quartz up to 0.5mm
12	325	324	Gritty ware	1	14	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Probably part of a pot disc in a typical buff gritty fabric
12	325	324	Humberware	1	15	1			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	Fine Humberware fabric
12	354	353	Humberware	1	5	1			BS	Hollow ware	Green glaze ext w/a single rouletted line ext	LC13 th – C15 th	Fine grey fabric, cf. Cowick
12	354	353	Late Medieval Sandy ware	1	2	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	Dull orange int & ext surfaces w/ grey core
12	395	408	Beverley 1 ware type	1	15	1	20	8	Rim	Hollow ware	Everted round clubbed rim	E/MC12 th – EC13 th	An even pale red fabric w/ a cream core; abundant quartz & rock frags up to 1mm and finer; slightly coarser than typical Beverley 1 ware
12	395	408	Fine Reduced (FRED) type ware	1	31	1			Rod handle	Jug	Thin patchy green spl gl w/ yellow margins	C12 th – EC13 th	Grey core w/ dull red margins; sandy texture w/ abundant fine quartz up to 0.5mm, mainly finer & sparse white grains up to 0.5mm
12	395	408	Humberware	1	6	1			BS	Hollow ware	Dark green to brown glaze ext	LC13 th – C15 th	Hard, fine reduced fabric
12	395	408	Humberware type	1	36	1			Base	Hollow ware	U/ID	LC13 th – C15 th	External surface very heavily pitted and abraded
12	395	408	Oxidised Sandy ware	1	8	1			BS	Hollow ware	Mottled & blistered	Late medieval?	Dark orange sandy fabric w/ moderate to abundant quartz up to 0.5mm, mainly finer

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											green/brown glaze int		
12	395	408	Fine White Splashed (WHFIN) type ware	1	12	1			BS	Hollow ware	Patchy bright green splashed glaze ext	LC12 th – MC13 th	White fabric w/ light buff ext margin; moderate, well-sorted quartz up to 0.5mm, occ larger
12	407	407	Gritty ware	2	68	1			BS	Hollow ware	Partial green glaze int	MC11 th – E/MC13 th	Dense buff fabric w/ abundant quartz & sparse white rock frags (mudstone) up to 1mm
12	407	407	Gritty ware	1	15	1			Rim	Jar/CP	Triangular-sectioned rim w/ pointed lip	MC11 th – E/MC13 th	Abundant sub-round quartz up to 1mm, occ larger
12	407	407	Humberware	3	83	2			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	Oxidised fabric
12	407	407	Humberware	1	23	1			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	Fine pale grey fabric
12	407	407	Low Countries Redware	1	34	1			Base	Dish?	Clear glaze int only	LC14 th – C15 th	Small footed base, heavily sooted ext
12	407	407	York Glazed ware	1	17	1			BS	Hollow ware	Patchy bright green glaze ext	M/LC12 th – M/LC13 th	White-buff fabric w/ pale grey ext margin
12	417	416	German stoneware	1	7	1			BS	Hollow ware	Rilled body w/ grey salt glaze int & ext	LC14 th – C16 th	Buff core w/ grey margins; source unidentified
12	417	416	Humberware	1	152	1			Strap handle	Jug	Handle w/ ridges & grooves on top under green glaze	LC13 th – C15 th	Wide strap handle
12	417	416	Humberware	2	54	2			BS	Hollow ware	U/Dec	LC13 th – C15 th	
12	419	418	Beverley 1	1	4	1			BS	Hollow ware	Dark green	E/MC12 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware								glaze ext	– EC13 th	
12	419	418	Beverley 1 ware	1	1	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Heavily sooted ext; reduced throughout
12	419	418	Buff-Grey Sandy ware	1	18	1			BS	Hollow ware	Smoothed ext	Medieval	Pale grey fabric w/ thin buff margin; abundant fine quartz up to 0.2mm & occ black grit up to 0.5mm
12	419	418	Fine Buff Sandy ware	1	6	1			BS	Hollow ware	Thick dark green glaze ext	Medieval	Hard, dense buff fabric w/ sparse rock frags up to 0.8mm
12	419	418	Fine Oxidised (FOX) type ware	1	22	1			BS	Hollow ware	Smoothed ext	MC11 th – MC12 th	Dull pale orange fabric w/ moderate quartz up to 0.4mm, occ larger; sooted ext, white deposit internally
12	419	418	Gritty ware	1	30	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff fabric w/ quartz & red grit up to 0.5mm, occ up to 1mm; sooted on underside
12	419	418	Gritty ware	1	24	1			Base	Jar/CP	Rilled body	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 0.5mm, occ up to 1mm; sooted on underside
12	419	418	Gritty ware	1	9	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 1mm; sooted ext
12	419	418	Gritty ware	2	9	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff fabric w/ quartz
12	419	418	Gritty ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Unusual buff fabric w/ orange streaks & quartz grit up to 1mm, mainly finer
12	419	418	Gritty ware	1	6	1			BS	Hollow ware	Spot of clear splash glaze int	MC11 th – E/MC13 th	Abundant quartz up to 1mm in a hard orange fabric
12	419	418	Humberware	1	151	1			BS	Hollow ware	Large patch of clear glaze ext	LC13 th – C15 th	Pitted & abraded int & ext
12	419	418	Humberware	5	72	5			BS	Hollow ware	Patchy pale yellow/green glaze ext	LC13 th – C15 th	Fine Humberware
12	419	418	Humberware	1	41	1			BS	Drinking jug	U/Dec	LC13 th – C15 th	Thick-walled drinking jug

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	419	418	Humberware	3	42	3			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	Fine Humberware
12	419	418	Humberware	1	31	1			BS	Hollow ware	Yellow-brown glaze ext; spots of dark glaze int	LC13 th – C15 th	Sandy Humberware
12	419	418	Humberware	1	34	1			Base	Hollow ware	Green glazed on underside	LC13 th – C15 th	Sandy Hw
12	419	418	Humberware	1	44	1			Base	Hollow ware	Patchy green glaze on underside	LC13 th – C15 th	Probable jug stacking scar
12	419	418	Humberware	1	45	1			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	Sandy Humberware
12	419	418	Humberware	1	15	1			Base	Hollow ware	Streaks of glaze ext	LC13 th – C15 th	
12	419	418	Humberware	1	15	1			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	Fine Humberware
12	419	418	Humberware	2	33	2			BS	Hollow ware	U/Dec	LC13 th – C15 th	
12	419	418	Low Countries Redware	1	60	1	U/ID	U/ID	Rim & handle	Jar/CP	Clear glaze ext & patchy int	LC14 th – C15 th	Rim & thumbed handle attachment in a hard red sandy fabric; perhaps slightly sandier than typical
12	419	418	Low Countries Redware	1	17	1			BS	Jar/CP	Spots of clear glaze int	LC14 th – C15 th	Bright orange fabric, finer than the rim; pitted & flaked ext
12	419	418	Moderately-gritted Oxidised (MOX) ware	1	18	1			BS	Hollow ware	Patchy green splash glaze ext	MC11 th – EC13 th	Hard orange to grey sandy fabric w/ moderate, poorly sorted quartz & red grit up to 0.5mm
12	419	418	Oxidised Sandy ware	1	12	1			Base	Hollow ware	Smoothed int & ext	MC11 th – E/MC13 th	A pale orange fabric w/ a cream core (cf cxt 410 & 520) w/ common round quartz up to 0.2mm, occ up to 0.5mm
12	419	418	Staxton / Potter-	1	11	1	U/ID	U/ID	Rim	Dish/bowl	Everted square rim w/ dished	E/MC13 th – EC14 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			Brompton type ware								top		
12	419	418	Staxton / Potter-Brompton type ware	1	7	1	U/ID	U/ID	Rim	Bowl?	Sharply everted, dished rim	E/MC13 th – EC14 th	Thin dark orange int & ext margins w/ grey core; abundant quartz up to 0.5mm, mainly finer, rarely up to 1mm
12	419	418	York Glazed ware	1	13	1			BS	Hollow ware	Raised curved strip under mottled dark green glaze ext	M/LC12 th – M/LC13 th	White to pale grey fabric w/ fine quartz
12	419	418	York Glazed ware	1	4	1			BS	Hollow ware	Bright green glaze ext, some mottling	M/LC12 th – M/LC13 th	
12	425	424	Buff Sandy ware	1	25	1			Base	Jug	Clear to green splash glaze ext & underside	MC11 th – E/MC13 th	Pinched feet; fine buff sandy fabric w/ abundant fine quartz sand up to 0.2mm, occ up to 0.4mm
12	425	424	Fine Oxidised (FOX) type ware	1	1	1			BS/Flake	Hollow ware	Traces of clear glaze ext	C12 th – C13 th	Heavily abraded ext
12	425	424	Gritty ware	1	29	1	30	5	Rim	Jar/CP	Sharply everted angular rim	MC11 th – E/MC13 th	Abundant quartz up to 1mm, occ larger
12	425	424	Gritty ware	1	17	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Abundant quartz & sparse red grit up to 1mm, occ up to 2mm; sooted on underside
12	425	424	Gritty ware	4	19	4			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff to white-buff fabrics; some variation between sherds
12	425	424	Gritty ware	1	60	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Pale to mid grey fabric w/ moderate/abundant quartz up to 1mm, occ larger
12	425	424	Gritty ware	1	17	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Burnt & sooted ext; white-buff fabric w/ common well-sorted quartz up to 0.5mm, occ larger
12	425	424	Gritty ware	1	3	1			Base	Hollow ware	U/Dec	MC11 th –	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
												E/MC13 th	
12	425	424	Humberware	1	118	1			Strap handle	Jug	Ridges & grooves on top of handle w/ green glaze	LC13 th – C15 th	Coarse Hw
12	425	424	Humberware	1	176	1			Base	Drinking jug	U/Dec	C14 th – C15 th	
12	425	424	Humberware	2	45	1			BS	Hollow ware	Patchy purple glaze ext, probably overfired	LC13 th – C15 th	Fine Hw
12	425	424	Humberware	3	283	1			BS	Hollow ware	Patchy streaky green glaze ext	LC13 th – C15 th	
12	425	424	Humberware	1	91	1			Neck/shoulder	Jug	Green glaze ext; rilled shoulder	LC13 th – C15 th	Fine grey fabric
12	425	424	Humberware	19	353	18			BS	Hollow ware	Patchy, streaky green glaze ext	LC13 th – C15 th	Fine Hw, probably one vessel
12	425	424	Humberware	10	161	10			BS	Hollow ware	U/Dec	LC13 th – C15 th	Unglazed sherds, probably from lower vessel bodies
12	425	424	Humberware	1	54	1			BS/Handle	Jug	Patchy green glaze ext	LC13 th – C15 th	Single handle thumbing
12	425	424	Humberware	2	168	1			Base	Jug	Patchy green glaze ext & on underside of base	LC13 th – C15 th	Fine Hw
12	425	424	Humberware	4	234	4			Base	Hollow ware	Patchy & streaky glaze ext	LC13 th – C15 th	Fine Hw
12	425	424	Humberware	3	61	3			BS	Hollow ware	U/Dec	LC13 th – C15 th	Light burning ext
12	425	424	Humberware	1	17	1			Neck/shoulder	Hollow ware	Green glaze ext	LC13 th – C15 th	Ridge on neck

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	425	424	Humberware	1	44	1			Base	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	
12	425	424	Humberware	1	71	1			BS	Hollow ware	Mottled green glaze ext on ridged shoulder	LC13 th – C15 th	
12	425	424	Humberware	1	20	1			BS	Hollow ware	Dark green glaze ext	LC13 th – C15 th	Sandy Humberware
12	425	424	Humberware	1	17	1			BS/Handle	Jug	Streaky green glaze ext	LC13 th – C15 th	Handle thumbing
12	425	424	Humberware	1	28	1	15	11	Rim	Jar	Patchy green glaze int & on rim	LC13 th – C15 th	Sharply everted, flat-topped rim; sandy Humberware
12	425	424	Humberware	1	12	1			BS/Handle	Hollow ware	Dark green glaze ext	LC13 th – C15 th	Handle thumbing ext
12	425	424	Humberware	4	69	4			BS	Hollow ware	Patchy/streaky green glaze ext	LC13 th – C15 th	
12	425	424	Humberware	1	3	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	
12	425	424	Humberware type	1	13	1			BS	Hollow ware	Rilled ext	LC13 th – C15 th	Oxidised throughout, possibly from a drinking jug
12	425	424	Humberware type	1	19	1			Neck	Jug	Dark green glaze ext; parallel ridges ext	LC13 th – C15 th	Reduced throughout; slightly sandier than typical Hw
12	425	424	Humberware type	1	4	1			BS	Hollow ware	Dark green glaze ext	LC13 th – C15 th	
12	425	424	Low Countries Redware	1	17	1	U/ID	U/ID	Rim	U/ID	Patchy clear glaze int only	LC14 th – C15 th	Everted rim; heavily sooted ext
12	425	424	Low Countries Redware	2	7	2			BS	Hollow ware	Clear glaze int only	LC14 th – C15 th	
12	425	424	Low Countries Redware	1	18	1			Rim & handle	Cauldron	Clear glaze int & on top of handle	LC14 th – C15 th	Rod handle springing from top of rim

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	425	424	Oxidised Sandy ware	2	23	2			BS	Hollow ware	One sherd w/ spots of glaze int	Medieval	Reduced core, oxidised int & ext margins
12	425	424	Oxidised Sandy ware	1	4	1			BS	Hollow ware	U/Dec	Medieval	Fine sandy oxidised fabric
12	425	424	Raeren Stoneware	2	19	2			BS	Hollow ware	Prominent rilling ext, sparse thin brown glaze ext	MC14 th – LC15 th	
12	425	524	Gritty ware	1	9	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff gritty body w/ abundant quartz & sparse red grit up to 1mm, occ larger
12	425	524	Humberware	1	30	1			BS	Hollow ware	Patchy green-brown glaze ext	LC13 th – C15 th	Coarse Humberware; cf HOSM
12	425	524	Humberware type	1	32	1			Base	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	Not typical Hw
12	425	524	Purple-glazed Humberware	1	8	1			BS	Hollow ware	Patchy purple glaze ext	LC13 th – C15 th	Fine hard dense fabric
12	426	426	Beverley 1 type ware	1	22	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Slightly sandier texture than is typical for Bev 1; black deposit ext
12	426	426	Beverley 1 ware	4	23	4			BS	Hollow ware	Patchy green splash glaze ext	E/MC12 th – EC13 th	
12	426	426	Beverley 1 ware	2	6	2			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	
12	426	426	Beverley 1 ware	1	10	1			BS	Hollow ware	Pinched 'feet' ext	E/MC12 th – EC13 th	
12	426	426	Beverley 1 ware	1	14	1			Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	
12	426	426	Beverley 1 ware	2	37	2			Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	
12	426	426	Beverley 1 ware	1	12	1	9	15	Rim	Jug	Patchy green to brown splash glaze on rim	E/MC12 th – EC13 th	Flat-topped clubbed rim

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	426	426	Brown Salt Glazed Stoneware	1	56	1			Base & body	Porringer	Brown glaze int & ext	C18 th	Small footed base, round body & handle stump
12	426	426	Brown Salt Glazed Stoneware	1	11	1			BS	Lid	Three deep concentric ridges & grooves	C18 th – EC19 th	Brown glaze on top of lid
12	426	426	Buff Sandy ware	4	29	4			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff sandy fabric w/ moderate quartz & white grit up to 0.4mm, occ larger
12	426	426	Buff Sandy ware	2	15	2			BS	Hollow ware	Spots of green splash glaze ext	LC11 th – E/MC13 th	Abundant fine quartz in a buff to pale grey fabric, occ black grit
12	426	426	Buff Sandy ware	1	3	1			BS	Hollow ware	Clear yellow-green glaze ext	LC11 th – E/MC13 th	Abundant quartz up to 0.5mm in a buff to pale grey body
12	426	426	Fine Gritty ware	1	4	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff white fine gritty ware; abundant quartz & sparse red grit up to 0.5mm, occ larger
12	426	426	Green Glazed Sandy ware	1	4	1			BS	U/ID	Dark green glaze int & ext; grooves ext	C15 th – C16 th	
12	426	426	Gritty ware	1	8	1	U/ID	U/ID	Rim	Jar/CP	U/Dec	MC11 th – E/MC13 th	Short thick collared rim w/ flat top
12	426	426	Gritty ware	2	13	1	U/ID	U/ID	Rim	Jar/CP	U/Dec	MC11 th – E/MC13 th	Clubbed rim w/ dished top & external flange
12	426	426	Gritty ware	4	78	4			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Buff-white body w/ abundant w/quartz & white mudstone; Light sooting ext
12	426	426	Gritty ware	1	5	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Small pot disc 28x26mm; white w/ quartz up to 1mm
12	426	426	Gritty ware	2	6	2			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Thin walled vessels; abundant quartz up to 0.8mm
12	426	426	Gritty ware	2	16	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pinkish buff gritty fabric; moderate quartz up to 1mm
12	426	426	Gritty ware	1	6	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Moderate quartz up to 1mm, mainly finer; sooted on underside

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	426	426	Gritty ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	White gritty ware; abundant quartz & rock frags
12	426	426	Gritty ware	1	4	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pale orange gritty ware w/ abundant quartz & red grit up to 0.6mm, occ larger
12	426	426	Gritty ware	1	10	1			Base	Hollow ware	Dark green glaze int only	MC11 th – E/MC13 th	Buff to pale grey fabric w/ abundant quartz & sparse white mudstone up to 0.5mm, occ up to 1mm
12	426	426	Gritty ware	1	4	1			BS/Flake	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant sub-ang quartz up to 1mm w/ sparse chalk grit in a white body
12	426	426	Humberware	1	235	1			Base	Drinking jug	Spots of green glaze ext	C14 th – C15 th	Thick walls & base
12	426	426	Humberware	1	51	1			Rod handle	Drinking jug	Patch of red slip on handle	C14 th – C15 th	
12	426	426	Humberware	1	102	1			Base	Drinking jug	U/Dec	C14 th – C15 th	Thick walls
12	426	426	Humberware	4	229	3			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	Prominent rilling int
12	426	426	Humberware	3	90	3			BS	Hollow ware	Spots of green glaze ext	LC13 th – C15 th	Oxidised throughout
12	426	426	Humberware	1	57	1			Base	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	Thick base
12	426	426	Humberware	1	45	1			Base	Hollow ware	Thick green glaze on underside	LC13 th – C15 th	Reduced throughout
12	426	426	Humberware	1	18	1			BS	Hollow ware	Patchy yellow-green glaze ext	LC13 th – C15 th	White deposit int
12	426	426	Humberware	1	35	1	U/ID	U/ID	Rim & spout	Jug	Mottled green glaze ext	LC13 th – C15 th	Flat-topped rim, pulled spout
12	426	426	Humberware	1	9	1			BS	Hollow ware	Green glaze ext & part of impressed decoration	LC13 th – C15 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	426	426	Humberware	1	12	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	
12	426	426	Jackfield ware	1	8	1			BS	Teapot	Rouletted band & engine turned body	M – LC19 th	Shiny black glaze int & ext on a black body
12	426	426	Late Humberware	1	77	1			Base	Dish/bowl	Dark green glaze int only	C15 th – C16 th	Pitted & abraded ext, white deposit on glaze int
12	426	426	Late Medieval Gritty ware	1	12	1			BS	Hollow ware	Green glaze int w/ brown mottling	MC11 th – E/MC13 th	Hard grey body w/ light grey int & ext margins; abundant sub-angular quartz & sparse black grit up to 0.5mm, occ larger
12	426	426	Reduced Sandy ware	1	3	1			BS	Hollow ware	Dark green glaze & app strip ext	C14 th – C15 th	Hard, dense reduced fabric
12	426	426	Reduced Sandy ware	1	8	1			BS	Hollow ware	Mottled green glaze ext	C13 th – C14 th ?	Fine dark grey fabric w/ moderate fine quartz up to 0.2mm, occ larger
12	426	426	Reduced Sandy ware	1	3	1			BS	Hollow ware	U/Dec	LC11 th – E/MC13 th	Pale grey fabric w/ fine quartz
12	426	426	Sandy ware	1	14	1			BS	Hollow ware	U/Dec	Medieval	Heavily burnt & discoloured throughout
12	426	426	Scarborough 1 ware	1	4	1			BS	Hollow ware	Dark green glaze ext	MC12 th – E/MC13 th	Abundant fine quartz in a pale orange body; note issues around date range
12	426	426	Stamford type ware	1	9	1	U/ID	U/ID	Rim	Jug/pitcher	Clubbed flat-topped rim	LC9 th – LC11 th	Burnt & discoloured
12	426	426	Stamford type ware	1	5	1	U/ID	U/ID	Rim	Jug/pitcher	Clubbed flat-topped rim	EC10 th – LC11 th	Slightly sandy; cf Kilmurry's Stamford A fabric
12	426	426	Stamford type ware	1	13	1			Base	Hollow ware	Thin clear glaze around base/body angle	EC10 th – LC11 th	Slightly sandy, heavily burnt; cf Kilmurry's Stamford A fabric
12	426	426	Stamford type ware	5	15	5			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Fine white fabric, cf Kilmurry's Stamford fabric A
12	426	426	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Sandy fabric cf Fabric A

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	426	426	Staxton / Potter-Brompton type ware	1	14	1	U/ID	U/ID	Rim	Dish/bowl	U/Dec	E/MC13 th – EC14 th	Sharply everted rim w/ a small flange int
12	426	426	Staxton / Potter-Brompton type ware	1	17	1	U/ID	U/ID	Rim	Dish/bowl	U/Dec	E/MC13 th – EC14 th	Sharply everted rim w/ clubbed lip
12	426	426	Torksey type ware	1	10	1	14	10	Rim	Jar	Sharply everted rim w/ dished top	LC9 th +	
12	426	426	Torksey type ware	1	6	1	U/ID	U/ID	Rim	Jar	Curved everted rim	LC9 th +	Abraded
12	426	426	Torksey type ware	1	17	1			BS	Hollow ware	U/Dec	LC9 th +	Pitted & chipped int; possible handle-thumbing ext
12	426	426	White Sandy ware	1	12	1			BS/handle stump	Hollow ware	U/Dec	MC11 th – M/LC13 th	Abundant fine quartz up to 0.2mm; sandier than Stamford type ware
12	426	426	York Glazed ware	1	71	1			Rod handle	Jug	Patchy dark green glaze on top of handle	M/LC12 th – M/LC13 th	
12	426	426	York Glazed ware	1	56	1			Rod handle	Jug	Deep ridges & grooves on top w/ light green glaze	M/LC12 th – M/LC13 th	Pitted & abraded ext, white deposit on glaze int
12	426	426	York Glazed ware	2	80	1	12	25	Rim & handle	Jug	Dark green glaze ext	M/LC12 th – M/LC13 th	Flat-topped rim; double handle thumbing
12	426	426	York Glazed ware	1	12	1			BS	Jug	Dark green glaze; seal w/ app scales	M/LC12 th – M/LC13 th	Part of a seal jug; circular ridge w/ applied scales

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	426	426	York Glazed ware	2	19	2			BS	Jug	Dark green glaze ext, bands of square rouletting ext	M/LC12 th – M/LC13 th	
12	426	426	York Glazed ware	1	32	1			Base	Hollow ware	Patchy dark green glaze ext	M/LC12 th – M/LC13 th	
12	426	426	York Glazed ware	3	19	3			BS	Hollow ware	Dark green glaze ext	M/LC12 th – M/LC13 th	
12	426	426	York Glazed ware	1	8	1			BS	Hollow ware	Dark green glaze ext	M/LC12 th – M/LC13 th	
12	426	426	Beverley 2 type ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	
12	451	489	Gritty ware	1	33	1	26	9	Rim	Jar/CP	Triangular rim	MC11 th – E/MC13 th	White buff gritty ware; chipped & abraded
12	451	489	Gritty ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Moderate to abundant quartz & black grit up to 1mm in a buff body
12	451	489	Humberware	1	30	1			BS	Hollow ware	Patchy green glaze ext	LC13 th – C15 th	
12	451	489	Humberware	3	37	3			BS	Hollow ware	U/Dec	LC13 th – C15 th	One sherd possibly from a drinking jug
12	479	478	Humberware	2	75	2			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	
12	518	517	Humberware	1	10	1			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	Fine reduced fabric
12	538	537	Beverley 2 type ware	1	44	1			BS	Hollow ware	Patchy green splashed glaze ext	EC13 th – EC14 th	Fabric as Beverley 2 but the glaze is clearly splashed
12	538	537	Gritty ware	1	5	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	White-buff fabric w/ abundant round quartz up to 1mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	538	537	Humberware type	1	5	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	Not a typical Hw but close w/ a hard, dense red to grey fabric w/ sparse/moderate quartz up to 0.2mm & finer
12	554	553	Humberware	1	9	1			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	Fine dark grey fabric cf Cowick
12	564	563	Gritty ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff body w/ abundant quartz up to 1mm
12	564	563	Humberware	3	10	3			BS	Hollow ware	Green glaze ext	LC13 th – C15 th	
12	564	563	Late Medieval Gritty ware	3	284	1			Base	Hollow ware	Thin green glaze int	LC13 th – C14 th	Hard grey body w/ buff margins; abundant quartz & occ rock frags up to 1mm; thick walled vessel w/ sagging base
12	564	563	Micaceous Sandy ware	1	3	1			BS	Hollow ware	U/Dec	LC11 th – C12 th	Very fine, grey sandy fabric w/ fine quartz up to 0.2mm, common fine mica at surface up to 0.1mm
12	564	563	Stamford type ware	1	3	1			BS	Hollow ware	Pale green glaze ext	LC9 th – LC12 th	Slightly burnt
12	566	565	Beverley 1 type ware	1	5	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Hard, fine fabric, orange throughout w/ fine quartz up to 0.4mm, occ up to 1mm
12	566	565	Beverley 1 type ware	1	10	1			BS	Hollow ware	App & thumb-imp vertical strip; patchy green spl gl ext	E/MC12 th – EC13 th	Dark grey core w/ oxidised int & ext margins; hard, dense fabric w/ moderate, well-sorted quartz up to 1mm, mainly around 0.5mm; sparse chalk up to 1mm
12	578	577	Brandsby type ware	1	1	1			BS	Hollow ware	Green glaze ext; rouletted band	E/MC13 th – C14 th	
12	578	577	Humberware	2	24	1			BS	Jug	Green glaze ext	LC13 th – C15 th	Reduced throughout
12	578	577	Raeren Stoneware	1	39	1			BS & handle	Mug/jug	Shiny brown salt glaze ext; rilled body	MC14 th – LC15 th	Narrow strap handle
12	590	589	Gritty ware	2	10	2			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Typical buff fabric w/ abundant quartz

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
12	590	589	Humberware	1	14	1			BS	Drinking jug?	U/Dec	C14 th – C15 th	Pale orange throughout
12	590	589	Humberware	1	18	1			BS	Hollow ware	Rilled shoulder w/ green glaze	LC13 th – C15 th	Fine grey fabric cf Cowick
12	590	589	Humberware	1	8	1			BS	Hollow ware	Small spots of glaze ext	LC13 th – C15 th	Oxidised sandy fabric
12	590	589	Humberware type	1	4	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	Oxidised dull sandy ware
12	590	589	Staxton / Potter-Brompton type ware	1	27	1	19	17	Rim	Jar	Smoothed int & ext	E/MC13 th – EC14 th	Clubbed flat-topped rim; Dark grey body w/ abundant fine quartz <0.3mm
12	590	589	Staxton / Potter-Brompton type ware	1	4	1			BS	Hollow ware	Smoothed ext	E/MC13 th – EC14 th	Fine sandy dull orange fabric;burnt ext
10\11	236	235	Beverley 1 type ware	1	12	1			BS	Hollow ware	Patchy dull green splash glaze ext	E/MC12 th – EC13 th	Hard fine orange fabric; somewhat finer than typical Bev 1
10\11	236	235	Beverley 1 ware	1	44	1			Strap handle	Jug	Patchy pale green splash glaze on top of handle	E/MC12 th – EC13 th	Strap handle w/ grey core & pale orange surfaces
10\11	236	235	Beverley 1 ware	1	12	1			BS	Hollow ware	Patchy clear/green splash glaze ext	E/MC12 th – EC13 th	Hard, dense orange fabric
10\11	236	235	Beverley 1 ware	1	11	1			BS	Hollow ware	Thick green glaze ext	E/MC12 th – EC13 th	Hard, fine orange to pale grey body w/ moderate fine quartz & red grit
10\11	236	235	Beverley 1 ware	1	92	1			Strap handle	Jug	Thick, partial dark green glaze on top of handle	E/MC12 th – EC13 th	Hard,dense orange fabric w/ fine quartz up to 0.2mm, occ larger

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
10\11	236	235	Beverley 1 ware	1	44	1			Strap handle	Jug	Patchy splash glaze on top of handle	E/MC12 th – EC13 th	Dull orange margins w/ grey core; hard fine fabric
10\11	236	235	Beverley 1 ware	1	91	1			Strap handle	Jug	Dark green glaze on top of handle, partially on underside	E/MC12 th – EC13 th	Hard, fine dark red fabric w/ fine quartz grains
10\11	236	235	Beverley 1 ware	1	10	1			BS	Hollow ware	Mottled dark green glaze ext	E/MC12 th – EC13 th	Grey core w/ dull orange margins
10\11	236	235	Beverley type ware	1	5	1			BS	Hollow ware	U/Dec	E/MC12 th – EC14 th	Fine even pale orange fabric w/ fine muscovite at surfaces int & ext
10\11	236	235	Buff Sandy ware	2	40	1			Rim	Jar	Smoothed int & ext	MC11 th – E/MC13 th	A fine buff to white body w/ abundant quartz <0.5mm w/ sparse red grit up to 0.8mm; sharply everted, wedge-shaped dished rim; light sooting ext
10\11	236	235	Buff Sandy ware	1	48	1			BS	Hollow ware	Rilled body, knife-trimmed lower body	MC11 th – E/MC13 th	A fine, even buff fabric w/ abundant fine quartz <0.2mm, rarely larger
10\11	236	235	Buff Sandy ware	1	6	1			Rim	Hollow ware	Rounded overhanging rim	MC11 th – E/MC13 th	Rounded rim w/ deep overhang; fine dull buff body w/ grey core; fine quartz
10\11	236	235	Buff Sandy ware	1	7	1			BS	Hollow ware	Smoothed ext	MC11 th – E/MC13 th	Fine buff sandy fabric; heavily burnt ext
10\11	236	235	Fine Gritty ware	2	48	1	19	20	Rim	Jar/CP	Square-sectioned rim w/ dished top	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 0.5mm, occ larger w/ moderate white to grey mudstone up to 1mm; sparse sooting ext
10\11	236	235	Fine Gritty ware	2	47	1	18	21	Rim	Jar/CP	Sharply everted square-section rim	MC11 th – E/MC13 th	Abundant sub-rounded quartz & sparse black grit up to 0.5mm
10\11	236	235	Fine Gritty ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Sparse red grit & quartz up to 0.5mm, rarely larger
10\11	236	235	Fine Gritty ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff int & ext w/ pale grey margin; hard, dense sandy fabric w/ moderate quartz &

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													sparse black grit up to 0.5mm, occ up to 1mm
10\11	236	235	Gritty ware	1	29	1	23	12	Rim	Jar/CP	Flat-topped rectangular rim	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 0.8mm, occ larger w/ rare platy mudstone up to 2mm in a white fabric; very thin walls
10\11	236	235	Gritty ware	1	21	1	19	7	Rim	Jar/CP	Everted angular rim w/ ext overhang	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 1mm in a buff/white body
10\11	236	235	Gritty ware	1	28	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 1mm, mainly finer w/ sparse non-crystalline rock frags (mudstone?); burnt & sooted on underside
10\11	236	235	Gritty ware	11	60	11			BS	Hollow ware	Thin-willed rilled sherds	MC11 th – E/MC13 th	Typical thin-walled sherds w/ abundant quartz in a white/buff body; sparse light sooting ext
10\11	236	235	Gritty ware	1	25	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, dense buff pale grey body w/ moderate quartz up to 1mm, mainly finer & sparse mudstone up to 1.5mm
10\11	236	235	Gritty ware	2	15	2			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff fabric w/ moderate to abundant quartz up to 1mm, mainly finer; sooted on underside
10\11	236	235	Gritty ware	1	15	1	U/ID	U/ID	Rim	Jar/CP	Everted, sub-angular sectioned rim	MC11 th – E/MC13 th	Buff-pale orange body w/ abundant sub-angular quartz up to 1mm, occ up to 2mm; light sooting ext
10\11	236	235	Gritty ware	1	7	1	U/ID	U/ID	Rim	Jug	Spots of brown glaze ext	MC11 th – E/MC13 th	Short, rectangular-section rim; hard, dense pale red body w/ abundant well-sorted quartz up to 0.5mm, rarely larger
10\11	236	235	Gritty ware	1	21	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, dense red fabric w/ moderate/abundant angular quartz & occ sub-rounded mudstone up to 1mm; sooted on underside
10\11	236	235	Gritty ware	1	23	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff body w/ grey core; abundant sub-angular quartz up to 0.5mm, occ up to

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													1mm; light sooting ext
10\11	236	235	Gritty ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 1mm in a hard buff body; burnt ext
10\11	236	235	Gritty ware	1	29	1	23	12	Rim	Jar/CP	Short rectangular collared rim w/ flat top	MC11 th – E/MC13 th	White-buff body w/ abundant quartz & white mudstone up to 1mm
10\11	236	235	Gritty ware	1	21	1	U/ID	U/ID	Rim	Jar/CP	Everted rim, curved int, overhanging ext angle	MC11 th – E/MC13 th	Abundant sub-angular quartz up to 1mm in a buff/white body
10\11	236	235	Gritty ware	1	15	1	U/ID	U/ID	Rim	Bowl/CP	Everted sub-square rim	MC11 th – E/MC13 th	Yellow-buff body w/ grey core; abundant sub-angular quartz up to 1mm, occ larger
10\11	236	235	Gritty ware	3	44	3			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Abundant quartz & occ rock frags up to 1mm, occ larger in a yellow-buff body
10\11	236	235	Gritty ware	5	20	5			BS	Jar/CP	Rilled body	MC11 th – E/MC13 th	Thin-walled vessel; abundant quartz up to 1mm
10\11	236	235	Gritty ware	1	19	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard. dull orange to grey fabric w/ quartz up to 1mm, occ larger
10\11	236	235	Gritty ware	1	7	1			BS	Hollow ware	Partially knife-trimmed ext	MC11 th – E/MC13 th	Hard white fabric w/ moderate, poorly sorted quartz & rock frags up to 0.5mm, occ larger
10\11	236	235	Gritty ware	5	55	5			BS	Hollow ware	Partial rilling ext	MC11 th – E/MC13 th	Buff-white body w/ varying quantities of quartz & rarer rock frags; light sooting ext
10\11	236	235	Gritty ware	1	22	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Dark grey core w/ buff int & ext margins; moderate well-sorted quartz & red grit up to 1mm but mainly finer
10\11	236	235	Oxidised Sandy ware	1	4	1			BS	Hollow ware	Smoothed ext	MC11 th – E/MC13 th	Dull orange body w/ sparse quartz & red grit rarely up to 1mm, mainly fine
10\11	236	235	Oxidised Sandy ware	1	5	1			BS	Hollow ware	U/Dec	Medieval	Pale orange sandy fabric w/ abundant fine quartz up to 0.1mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
10\11	236	235	Oxidised Sandy ware	1	4	1			BS	Hollow ware	Knife-trimmed ext	C11 th – C12 th ?	Smooth orange fabric w/ moderate red grit up to 0.5mm; sooted ext
10\11	236	235	Reduced Sandy ware	1	5	1			BS	Hollow ware	Dark green glaze ext; splashed?	C12 th – C13 th	Hard, fine dark grey fabric w/ sparse quartz up to 0.5mm
10\11	236	235	Reduced Sandy ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, fine grey body w/ sparse fine quartz
10\11	236	235	Reduced Sandy ware	1	5	1			BS	Hollow ware	Dark green splash glaze ext	C12 th – C13 th	Hard fine dark grey fabric w/ sparse quartz up to 0.5mm
10\11	236	235	Splash glazed Gritty ware	1	7	1	U/ID	U/ID	Rim	Jug?	Sort collared rim	MC11 th – E/MC13 th	Dull orange fabric w/ quartz up to 1mm & rock frags up to 2mm
10\11	236	235	Stamford type ware	1	12	1	15	14	Rim	Bowl	Small, sharply everted rim w/ dished top	LC9 th – LC11 th	Light sooting ext; cf Kilmurry Form 1
10\11	236	235	Stamford type ware	1	4	1			BS	Hollow ware	Smoothed int & ext	LC9 th – LC11 th	Burnt throughout
10\11	236	235	Stamford type ware	1	1	1			BS	Hollow ware	Yellow-green glaze ext	LC9 th – LC11 th	
10\11	236	235	Stamford type ware	2	39	1	16	10	Rim	Glob Jar	Sharply everted wedge-shaped rim	C10 th – C11 th	Slightly sandy fabric; cf Kilmurry's Stamford A fabric; burnt ext edge of everted rim cf Form2; Kilmurry 1980: Fig 48; 30, 31, 32
10\11	236	235	Stamford type ware	1	12	1	17	12	Rim	Jar	Small sharply everted rim; dished top	LC9 th – LC11 th	Distinctive rim, probably Kilmurry 1980; Form 1
10\11	236	235	Stamford type ware	1	1	1			BS	Hollow ware	Pale green glaze ext	C10 th – C11 th	Cf Fabric A
10\11	236	235	Stamford type ware	1	47	1			BS	Hollow ware	Patchy knife-trimming ext	C10 th – C11 th	Cf Fabric A
10\11	236	235	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Sandy Stamford type ware, cf Fabric A, burnt throughout
10\11	236	235	Stamford type ware	1	7	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Sandy fabric cf. Fabric A; heavily burnt ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
10\11	236	235	Staxton / Potter-Brompton type ware	1	19	1	22	7	Rim	Jar	Flat-topped everted rim	E/MC13 th – EC14 th	Fine sandy dull orange fabric w/ dark grey core w/ sparse chalk grains
10\11	236	235	Staxton / Potter-Brompton type ware	2	24	2			BS	Hollow ware	U/Dec	E/MC13 th – EC14 th	Dull orange sandy fabric
10\11	236	235	Staxton / Potter-Brompton type ware	1	19	1	21	7	Rim	Dish/bowl	Everted rim w/ flat top	E/MC13 th – EC14 th	Fine sandy body w/ occ chalk grains
10\11	236	235	Staxton / Potter-Brompton type ware	3	31	3			BS	Hollow ware	U/Dec	E/MC13 th – EC14 th	
10\11	236	235	Staxton / Potter-Brompton type ware	1	6	1	U/ID	U/ID	Rim	Hollow ware	Rounded rim w/ deep overhang	E/MC13 th – EC14 th	
10\11	246	246	Gritty ware	2	9	1			BS	Hollow ware	U/Dec	Medieval	Not the typical white/buff gritty fabric; hard, pale grey, reduced throughout w/ a red ext margin; abundant sub-ang quartz up to 1mm
10\11	246	246	Staxton / Potter-Brompton type ware	1	9	1	U/ID	U/ID	Rim	Bowl?	Round clubbed rim w/ slight int flange	E/MC13 th – EC14 th	Fine grey sandy fabric w/ dull orange int & ext margins
10\11	338	337	Gritty ware	1	11	1	U/ID	U/ID	Rim	Jar/CP	Square-sectioned rims w/ rounded lower corner	MC11 th – E/MC13 th	Hard, dense buff fabric w/ grey core; abundant sub-angular quartz up to 1mm, occ larger

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
10\11	338	337	Gritty ware	1	33	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Pale grey to light buff fabric w/ abundant, well-sorted quartz up to 0.5mm, occ larger; heavily sooted ext
10\11	338	337	Gritty ware	1	9	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff margins int & ext on a pale orange body; abundant sub-rounded quartz up to 1mm & finer
10\11	338	337	Gritty ware	1	11	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Hard, dense buff fabric w/ common quartz & red grit up to 1mm; thin white streaks below ext surface
10\11	338	337	Gritty ware	1	8	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Orange gritty ware w/ abundant sub-rounded quartz up to 1mm
10\11	338	337	Gritty ware	1	2	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Orange gritty ware w/ abundant sub-rounded quartz up to 1mm; sooted ext
10\11	338	337	Gritty ware	1	2	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Very thin base; dull orange fabric w/ abundant sub-angular quartz up to 0.5mm; burnt ext
10\11	338	337	Stamford type ware	1	7	1			Base	Hollow ware	U/Dec	LC9 th – LC11 th	Pale grey throughout, lightly burnt ext surface
10\11	338	337	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Slightly sandy pale buff body; sooted & burnt ext
10\11	338	337	Tees Valley type ware	1	10	1			BS	Hollow ware	Thin buff slip ext	LC13 th – C14 th	Orange fabric w/ moderate, well-sorted quartz up to 0.5mm, occ up to 1mm; slip suggests that this is Tees Valley B/C ware
10\11	344	381	Fine Oxidised Sandy ware	1	1	1			BS	Hollow ware	U/Dec	LC10 th – LC11 th ?	A very thin-walled sherd in a very fine dull orange buff fabric of an unidentified type
10\11	344	381	Staxton / Potter-Brompton type ware	1	17	1			Base	Hollow ware	Smoothed int & ext	E/MC13 th – EC14 th	Slightly sagging base; dark grey w/ dull orange int margin & surface
10\11	344	381	Torksey type ware	1	3	1			BS	Hollow ware	U/Dec	LC9 th +	
10\11	344	381	Torksey type	1	1	1			BS	Hollow ware	U/Dec	LC9 th +	Finer than typical; could be a heavily burnt

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware										sandy Stamford type ware
10\11	501	500	Beverley 1 type ware	1	2	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	A fine dark red sherd; heavily blackened ext
10\11	501	500	Stamford type ware	1	5	1			BS	Hollow ware	Dry smoothed ext w/ striations	LC9 th – LC11 th	Burnt ext
10\11	501	500	Staxton / Potter-Brompton type ware	1	36	1			Base	Jar/CP	Smoothed int & ext	E/MC13 th – EC14 th	Typical hard, sandy grey fabric; flaked int
10\11	582	581	Sandy ware	1	10	1			BS	Hollow ware	Thin clear glaze ext	Medieval	Unidentified and unusual pale grey to pale orange fine fabric w/ fine quartz <0.1mm
10\11	582	581	Staxton / Potter-Brompton type ware	1	27	1			BS	Hollow ware	Smoothed ext	E/MC13 th – EC14 th	Pale grey fabric w/ dull buff int margin; slightly finer than some examples w/ abundant fine quartz sand
8\9	258	257	Torksey type ware	1	6	1			BS	Hollow ware	U/Dec	LC9 th +	External surface heavily pitted & abraded
8\9	344	378	Torksey type ware	3	12	2			BS	Hollow ware	Smoothed int & ext	LC9 th +	Thin-walled sherds
8\9	395	393	Stamford type ware	1	15	1			Sagging base	Hollow ware	U/Dec	LC9 th – LC11 th	Burnt int & ext
8\9	395	393	Stamford type ware	1	10	1	U/ID	U/ID	Rim	Ovoid jar	U/Dec	MC11 th – C12 th	Ovoid vessel w/ inturned rim; cf Kilmurry 1980: 142, Fig 64
8\9	395	393	Stamford type ware?	1	11	1			BS	Hollow ware	Smoothed black ext surface	MC9 th – MLC10 th	Fine dull red to grey fabric w/ fine quartz <0.2mm' could be discoloured Stamford A or ?York d ware
8\9	395	393	Stamford type ware	1	10	1	U/ID	U/ID	Rim	Jar	Fine, smoothed surfaces	MC9 th – MLC10 th	Flat-topped everted rim; fine white to pale grey fine sandy fabric, probably Stamford A
8\9	395	394	Beverley 2 type ware	1	1	1			BS	Hollow ware	Thin white slip ext	EC13 th – EC14 th	Heavily abraded soft orange sherd
8\9	395	394	Hand-made Sandy ware	1	17	1			BS	Hollow ware	Burnished band ext	C11 th – EC12 th ?	A hard, fine dull red to dark grey sandy fabric w/ abundant, poorly sorted sub-

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
													round quartz up to 0.5mm mainly finer
8\9	395	394	Stamford type ware	2	7	2			BS	Hollow ware	Thin pale green glaze ext	LC9 th – LC11 th	Fine white fabric
8\9	395	394	Stamford type ware	1	6	1			BS	Hollow ware	Patchy thin clear spl gl ext	LC9 th – LC11 th	Light sooting ext
8\9	395	394	Stamford type ware	1	6	1			BS	Hollow ware	Spots of very thin clear splash glaze ext	EC10 th – LC11 th	Fine buff to grey sandy fabric w/ fine quartz <0.2mm & rare angular rock frags
8\9	395	394	Stamford type ware	1	5	1			BS	Hollow ware	U/Dec	EC10 th – LC11 th	A fine buff sandy fabric
8\9	395	394	Stamford type ware	2	21	1	12	12	Rim	Cooking pot	U/Dec	EC10 th – LC11 th	Sharply everted,int dished rim on a globular body; cf York d ware; Mainman 1990:Figs 162-3 but also Stamford form 2, sandy A fabric
8\9	395	394	York d type ware	1	15	1	12	15	Rim	Cooking pot	U/Dec	MC9 th – MLC10 th	A finer dark grey body w/ a light grey core, slightly andier than Stamford A but the form and finish are similar
8\9	395	394	Stamford type ware	6	36	6			BS	Hollow ware	Smoothed ext; all sooted	EC10 th – LC11 th	Fine hard dense sandy Stamford A type fabric w/ abundant fine quartz <0.2mm, occ larger
8\9	582	599	Stamford type ware	1	11	1	12	15	Rim	Jar	U/Dec	C10 th – C11 th	Fine white sandy fabric cf Stamford fabric A
8\9	582	599	Stamford type ware	1	6	1			BS	Hollow ware	Pale yellow-green glaze ext only	C10 th – C11 th	Fine white sandy fabric cf Stamford fabric A
8\9	582	599	Stamford type ware	1	5	1			BS	Hollow ware	Thin pale green gaze ext	C10 th – C11 th	Fine white sandy fabric cf Stamford fabric A
8\9	582	599	Stamford type ware	4	18	4			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Heavily burnt & discoloured sherds
8\9	582	599	Torksey type ware	1	29	1	10	29	Rim	Jar	Everted rim w/ slightly dished	LC9 th +	Grey throughout; light sooting ext; cf Mainman 1990: Fig 171; 2006, 2010, 2012

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											int surface		
8\9	582	599	Torksey type ware	1	18	1	9	25	Rim	Jar	Everted rim w/ slightly dished int surface	LC9 th +	Grey throughout; cf Mainman 1990: Fig 171; 2006, 2010, 2012
8\9	582	599	Torksey type ware	1	28	1			Sagging base	Jar	U/Dec	LC9 th +	Sagging base w/ sharp base/body angle
8\9	582	599	Torksey type ware	2	12	2			BS	Hollow ware	U/Dec	LC9 th +	Thin walled vessels; cf rims
8\9	582	599	Torksey type ware	2	27	2			BS	Hollow ware	U/Dec	LC9 th +	Thicker walled sherds
8\9	582	599	White Sandy ware	1	8	1			BS	Hollow ware	U/Dec	C10 th – C11 th	Possibly a sandy Stanford ware but slightly coarser; ext surface extensively pitted
E-Mod	530	532	Brandsby type ware	1	107	1			Rod handle	Jug	Patchy yellow glaze on handle	E/MC13 th – C14 th	Chipped & slightly abraded
E-Mod	530	532	Late Blackware	1	62	1			Footed base	Hollow ware	Black glaze int	C18 th	Fine red fabric
E-Mod	609	609	Creamware	2	336	1			Base	Bowl?	Yellow-cream glaze int & ext	c.1740 – c.1820	Stamped '12' on underside
Recent	192	617	Brown Salt Glazed Stoneware	1	659	1			Complete	Bowl	Brown ext, grey int; rouletted line ext	LC18 th – C19 th	
Recent	198	198	Beverley 1 type ware	3	18	3			BS	Hollow ware	One w/ spots of splash glaze ext	E/MC12 th – EC13 th	Hard, possibly overfired, Beverley 1 type ware
Recent	198	198	Beverley 1 ware	1	43	1			Base	Hollow ware	Odd spot of green glaze ext	E/MC12 th – EC13 th	Dark orange ext margin, grey core & int
Recent	198	198	Beverley 1 ware	1	22	1			BS	Hollow ware	Rilled body	E/MC12 th – EC13 th	Bright orange ext margin, pale grey int
Recent	198	198	Beverley 1 ware	1	15	1			BS	Hollow ware	Spot of colourless splash glaze ext	E/MC12 th – EC13 th	Finely pitted & abraded ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	198	198	Beverley 1 ware	1	4	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Oxidised int & ext w/ a thin grey core; heavily abraded edges & surfaces
Recent	198	198	Beverley 2 type ware	1	5	1			BS	Hollow ware	U/Dec	EC13 th – EC14 th	Very heavily abraded dark orange sherd
Recent	198	198	Brandsby type ware	1	7	1			BS	Hollow ware	Bright green crazed & friable glaze ext	E/MC13 th – C14 th	Pale grey to buff sandy fabric w/ fine but abundant quartz & moderate black grit
Recent	198	198	Brandsby type ware	1	23	1			Base	Hollow ware	U/Dec	E/MC13 th – C14 th	Burnt & sooted underside of base
Recent	198	198	Brandsby type ware	1	4	1			BS	Hollow ware	U/Dec	E/MC13 th – C14 th	Fine buff to pale grey sandy fabric
Recent	198	198	Buff Sandy ware	1	9	1	12	10	Rim	Jug	Flat-topped clubbed rim; flaky brown glaze ext	C12 th – C13 th ?	Soft, heavily abraded sherd; pale buff body w/ abundant fine quartz & occ red grit up to 0.2mm, rarely larger
Recent	198	198	Buff Sandy ware	1	11	1			BS/Shoulder	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pinkish buff fabric w/ sparse quartz & white rock frags up to 0.5mm
Recent	198	198	Fine Gritty ware	1	14	1	14	10	Rim	Jar/CP	Sharply everted rim w/ flat top	MC11 th – E/MC13 th	Abundant quartz & moderate red grit up to 0.5mm in a light buff body
Recent	198	198	Fine Gritty ware	1	5	1			BS	Jar/CP	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 0.5mm in a yellow-buff body
Recent	198	198	Fine Sandy ware	1	30	1			BS	Hollow ware	Smoothed int & ext	MC11 th – E/MC13 th	Abundant sub-round quartz & sparse red grit up to 0.6mm, occ larger
Recent	198	198	Gritty ware	1	37	1	28	8	Rim	Jar/CP	Sharply everted flat rim w/ overhanging ext angle	MC11 th – E/MC13 th	Dark orange oxidised body w/ abundant sub-ang quartz & round red grit up to 1mm, occ larger, esp red grit up to 3mm
Recent	198	198	Gritty ware	1	16	1	U/ID	U/ID	Rim	Jar/CP	Square section rim w/ groove on ext edge; rilled body	MC11 th – E/MC13 th	Light buff body w/ abundant sub-ang quartz up to 1mm & red grit up to 0.5mm; very thin body
Recent	198	198	Gritty ware	1	20	1			Base	Jar/CP	U/Dec	MC11 th –	Abundant sub-angular quartz & moderate

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
												E/MC13 th	red grit up to 1mm in a buff-white body
Recent	198	198	Gritty ware	3	17	3			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Typical white gritty fabric w/ sub-angular quartz & sparse rock frags up to 1mm, occ larger
Recent	198	198	Gritty ware	4	26	4			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Yellow-buff fabric w/ abundant quartz up to 1mm, mainly slightly finer
Recent	198	198	Gritty ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Heavily burnt & discoloured sherd, probably from a base; abundant quartz up to 1mm
Recent	198	198	Gritty ware	1	14	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Dull orange body w/ abundant quartz & moderate red grit up to 1mm, occ larger
Recent	198	198	Gritty ware	1	3	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Pinkish-buff gritty ware
Recent	198	198	Gritty ware	1	6	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz up to 1mm, occ larger
Recent	198	198	Humberware	2	79	2			Base	Hollow ware	Patchy glaze ext & on underside of base	LC13 th – C15 th	Fine Humberware
Recent	198	198	Humberware	1	39	1			BS	Hollow ware	U/Dec	LC13 th – C15 th	
Recent	198	198	Sandy ware	1	13	1			BS	Hollow ware	U/Dec	Medieval	Hard, pale grey sandy fabric w/ orange ext margin; sub-angular quartz up to 0.5mm, mainly finer, pitted ext surface
Recent	198	198	Splash-glazed Gritty ware	1	6	1			BS	Hollow ware	Patchy green splash glaze ext	MC11 th – E/MC13 th	Hard, dense red fabric w/ a grey core containing quartz & red grit up to 1mm & finer
Recent	198	198	Unglazed Red Earthenware	1	9	1	10	16	Rim	Flowerpot	Clubbed rim; illegible stamped maker's name	MC19 th – EC20 th	
Recent	198	198	Unglazed Red Earthenware	1	10	1	U/ID	U/ID	Rim	Flowerpot	Slightly thickened rim; illegible	MC19 th – EC20 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											maker's name		
Recent	198	198	Unglazed Red Earthenware	1	5	1	U/ID	U/ID	Rim	Flowerpot	Shallow groove below plain rim	MC19 th – EC20 th	
Recent	198	198	Unglazed Red Earthenware	1	20	1			BS	Flowerpot	Illegible stamped maker's name ext	MC19 th – EC20 th	
Recent	198	198	Unglazed Red Earthenware	1	16	1	15	12	Rim	Flowerpot	Deep collared rim	MC19 th – EC20 th	
Recent	198	198	Unglazed Red Earthenware	3	35	3			BS	Flowerpot	U/Dec	MC19 th – EC20 th	
Recent	198	198	York Glazed ware	1	86	1			Rim & strap handle	Jug	Bright green glaze ext; square stamps on handle	M/LC12 th – M/LC13 th	A soft fine white/buff fabric w/ flaky friable glaze; the handle has deep central groove with stamps on the two lobes
Recent	198	198	Reduced Sandy ware	1	35	1	21	14	Rim	Jar	Smoothed int & ext	Medieval	Dull buff-orange int & ext margins w/ a grey core; abundant fine quartz w/ sparse red grit & white chalk up to 5mm; sharply everted rim
Recent	210	209	Beverley 1 type ware	1	12	1			Base	Hollow ware	U/Dec	E/MC12 th – EC13 th	Harder and denser than typical Bev 1; grey core w/ bright orange int & ext margins
Recent	210	209	Beverley 1 ware	1	3	1			BS	Hollow ware	Patchy green glaze ext	E/MC12 th – EC13 th	
Recent	210	209	Buff Sandy ware	1	16	1			BS	Hollow ware	Smoothed ext	MC11 th – E/MC13 th	Pale grey throughout, burnt ext; abundant very fine quartz <0.1mm
Recent	210	209	Buff Sandy ware	1	12	1			Base	Hollow ware	Spots of pale green splash glaze ext	MC11 th – E/MC13 th	Pale grey core w/ buff int& ext margins; abundant fine quartz up to 0.5mm, occ up to 1mm
Recent	210	209	Buff Sandy ware	1	3	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff sandy fabric w/ abundant fine quartz up to 0.2mm, mainly <0.1mm

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	210	209	Fine Gritty ware	1	19	1	21	10	Rim	Jar/CP	Ridged shoulder; sharply everted square-section rim	MC11 th – E/MC13 th	Yellow buff fabric w/ abundant quartz up to 0.5mm, occ larger; finer variant of typical Gritty ware
Recent	210	209	Fine Oxidised (FOX) type ware	5	12	5			BS	Hollow ware	U/Dec	MC11 th – MC12 th	Small abraded body sherds in red sandy fabrics; abraded; could be Beverley 2 are
Recent	210	209	Gritty ware	1	20	1	37	5	Rim	Jar/CP	Square-sectioned rim w/ rounded corners	MC11 th – E/MC13 th	Buff-yellow fabric w/ abundant sub-angular quartz up to 1mm; sooted ext
Recent	210	209	Gritty ware	1	15	1	U/ID	U/ID	Rim	Jar/CP	Sub-square rim w/ rounded int profile; dished ext	MC11 th – E/MC13 th	Buff-yellow fabric w/ abundant sub-angular quartz up to 1mm
Recent	210	209	Gritty ware	1	33	1	19	8	Rim	Jar/CP	Sub-square rim w/ rounded int profile; dished ext	MC11 th – E/MC13 th	Heavy rim on a narrow-shouldered body; abundant quartz up to 1mm, patchy sooting ext
Recent	210	209	Gritty ware	1	14	1	U/ID	U/ID	Rim	Jar/CP	Angular everted rim on a short neck	MC11 th – E/MC13 th	Hard, dense fabric, buff ext, grey int; abundant quartz up to 0.5mm, occ larger
Recent	210	209	Gritty ware	6	44	6			BS	Hollow ware	Rilled ext	MC11 th – E/MC13 th	Buff-yellow gritty wares w/ abundant quartz & sparse black grit up to 1mm
Recent	210	209	Gritty ware	21	169	21			BS	Hollow ware	Some rilled ext	MC11 th – E/MC13 th	Normal range of minor variation in size & density of inclusions in buff bodies; sooted & burnt ext
Recent	210	209	Gritty ware	6	55	6			Base	Jar/CP	Sharp base/body angles	MC11 th – E/MC13 th	Normal range of minor variation in size & density of inclusions in buff bodies; sooted & burnt ext & underside

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	210	209	Moderately-gritted Reduced (MRED) ware	1	14	1	16	10	Rim	Jar/CP	Patchy pale green splash glaze ext; square everted rim	LC11 th – EC13 th	Dark grey to black body w/ thin dull buff int & ext margins; sparse quartz up to 0.5mm
Recent	210	209	Oxidised Gritty ware	1	12	1			Base	Hollow ware	Knife-trimmed ext	MC11 th – E/MC13 th	Dark orange body w/ burnt brown ext margin; moderate quartz & occ red grit up to 0.5mm, occ larger
Recent	210	209	Oxidised Gritty ware	1	15	1			BS/shoulder	Jar	U/Dec	MC11 th – E/MC13 th	Bright orange body w/ abundant sub-angular quartz & round red grit up to 0.5mm, occ quartz up to 1mm
Recent	210	209	Oxidised Sandy ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Coarse sandy fabric w/ abundant quartz & moderate red grit up to 0.2mm, occ larger
Recent	210	209	Oxidised Sandy ware	1	12	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Dull orange throughout w/ abundant quartz up to 0.5mm, occ larger w/ sparse red & white grit
Recent	210	209	Reduced Fine Gritty ware	1	14	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Thin-walled sherd, similar in style to Gritty ware but finer w/ abundant sub-round quartz up to 0.5mm
Recent	210	209	Reduced Sandy ware	1	33	1			Base	Hollow ware	Spots of glaze (splashed?) on ext of base	C13 th ?	Very hard, dense semi-vitrified pale grey fabric w/ moderate, well-sorted quartz up to 0.5mm, occ up to 1mm, fine black grit up to 0.5mm
Recent	210	209	Reduced Sandy ware	1	13	1			BS	Hollow ware	U/Dec	C13 th ?	Hard, dense pale grey fabric w/ grey-buff ext margin; abundant sub-rounded quartz up to 0.2mm; light sooting ext
Recent	210	209	Shell Tempered ware	1	3	1			BS	Hollow ware	U/Dec	MC10 th – M/LC11 th	Vesicular throughout; shell leached from dull brown body
Recent	210	209	Stamford type ware	2	23	1			Base	Hollow ware	Smoothed int & ext	C10 th – C11 th	Fine sandy fabric cf Fabric A; pale grey burnt surface ext
Recent	210	209	Stamford type	2	17	1			Base	Hollow ware	Smoothed ext	C10 th –	Fine sandy fabric cf Fabric A; pale grey

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
			ware									C11 th	burnt surfaces int & ext, thick soot ext
Recent	210	209	Stamford type ware	1	12	1			BS	Hollow ware	Knife-trimmed & smoothed ext	LC9 th – C11 th	Burnt ext
Recent	210	209	Stamford type ware	1	3	1			BS	Hollow ware	Smoothed ext	C10 th – C11 th	Burnt throughout
Recent	210	209	Unglazed Red Earthenware	1	10	1	19	9	Rim	Flowerpot	U/Dec	19th+	Short collared rim
Recent	210	209	Fine White Splashed (WHFIN) type ware	1	4	1			BS	Hollow ware	U/Dec	MC11 th – MC12 th	White to pale grey sandy fabric w/ abundant fine quartz up to 0.1mm, rarely larger
Recent	218	217	Buff Sandy ware	1	11	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Abundant quartz & rock frags up to 0.5mm
Recent	218	217	Buff Sandy ware	1	18	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Fine buff body w/ abundant round quartz & sparse rock frags up to 0.5mm, occ larger; burnt underside
Recent	218	217	Buff Sandy ware	1	10	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Fine buff-orange sandy fabric; burnt & sooted ext
Recent	218	217	Fine Oxidised (FOX) type ware	4	38	3			BS	Hollow ware	Patchy green splash glaze ext	LC11 th – E/MC12 th	Fine red fabric
Recent	218	217	Fine Reduced (FRED) type ware	1	61	1			BS	Hollow ware	U/Dec	LC11 th – MC12 th	A dull brown to grey sandy fabric w/ round quartz up to 0.5mm
Recent	218	217	Gritty ware	1	40	1	19	13	Rim	Jar/CP	Flat-topped square-sectioned rim	MC11 th – E/MC13 th	Abundant quartz & sparse rock frags up to 1mm, occ larger in a buff body
Recent	218	217	Gritty ware	1	26	1	19	14	Rim	Jar/CP	Sub-rectangular rim w/ rounded corners	MC11 th – E/MC13 th	Light buff fabric w/ abundant quartz up to 1mm, occ larger
Recent	218	217	Gritty ware	1	17	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Light sooting ext

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	218	217	Gritty ware	1	18	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Heavily burnt & discoloured ext
Recent	218	217	Gritty ware	1	36	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff gritty ware
Recent	218	217	Gritty ware	5	28	5			BS	Jar/CP	Rilled ext	MC11 th – E/MC13 th	Buff to buff-orange gritty fabric w/ abundant quartz up to 1mm, occ larger
Recent	218	217	Gritty ware	1	25	1			Base	Jar/CP	U/Dec	MC11 th – E/MC13 th	Abundant quartz grit
Recent	218	217	Gritty ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Finer gritty fabric w/ moderate round quartz up to 0.8mm
Recent	218	217	Oxidised Sandy ware	1	18	1	U/ID	U/ID	Rim	Jar	U/Dec	MC11 th – EC13 th	Fine orange fabric w/ sparse quartz up to 0.4mm
Recent	218	217	Oxidised Sandy ware	1	7	1			BS	Hollow ware	U/Dec	MC11 th – E/MC13 th	Part of a pot disc; diameter U/ID; fine pale orange-buff fabric
Recent	218	217	Stamford type ware	1	17	1			BS/Base	Hollow ware	Pale green glaze ext	LC9 th – LC11 th	Odd pale orange to buff fabric
Recent	218	217	Stamford type ware	1	6	1			BS	Hollow ware	Patches of yellow spl gl int; thin clear glaze ext	LC9 th – LC11 th	Light buff fabric
Recent	218	217	Unglazed Red Earthenware	1	9	1			BS	Flowerpot?	U/Dec	C19 th	Intrusive?
Recent	275	273	Beverley 1 ware	1	21	1			BS	Hollow ware	Patchy green glaze ext	E/MC12 th – EC13 th	Orange int& ext margins w/ a grey core, moderate fine quartz
Recent	275	273	Beverley 1 ware	1	1	9	1		BS	Hollow ware	Yellow green glaze ext	E/MC12 th – EC13 th	Hard, dark orange fabric
Recent	275	273	Beverley 1 ware	1	6	1			BS	Hollow ware	U/Dec	E/MC12 th – EC13 th	Hard dull orange-red fabric w/ fine quartz
Recent	275	273	Fine Gritty ware	1	3	1			BS	Hollow ware	Rilled body	MC11 th – E/MC13 th	Hard dark red fabric w/ moderate quartz up to 0.5mm, mainly finer but the style (thin rilled walls) is Gritty ware
Recent	275	273	Gritty ware	6	46	6			BS	Hollow ware	Rilled ext	MC11 th –	Typical hard buff gritty fabrics w/ quartz &

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
												E/MC13 th	non-crystalline grit (mudstone)
Recent	275	273	Gritty ware	1	27	1	19	10	Rim	Jar/CP	Everted folded rim w/ flat top	MC11 th – E/MC13 th	Hard, dense orange body w/ moderate, well-sorted quartz up to 1mm; sooted ext
Recent	275	273	Gritty ware	1	13	1			Base	Hollow ware	U/Dec	MC11 th – E/MC13 th	Buff fabric w/ abundant quartz up to 1mm, occ larger; heavily sooted ext
Recent	275	273	Humberware type	1	7	1			BS	Hollow ware	Small spots of dark glaze ext	LC13 th – C15 th	Grey core w/ thin dull orange margins; hard, slightly sandy texture
Recent	275	273	Unglazed Red Earthenware	1	11	1			BS	Flowerpot	Groove ext	C19 th	
Recent	275	273	Unglazed Red Earthenware	1	66	1			Base	Flowerpot	U/Dec	C19 th	
Recent	275	273	Unglazed Red Earthenware	1	12	1			BS	Hollow ware	U/Dec	C19 th – EC20 th	Intrusive?
Recent	275	273	Unidentified Sandy ware	1	38	1			Base	Hollow ware	U/Dec	Medieval	Odd soft grey sandy fabric w/ abundant round quartz up to 0.4mm
Recent	275	273	White Gritty ware	1	16	1	16	9	Rim	Jar	Smoothed int & ext	MC11 th – LC13 th	Sharply everted round clubbed rim on a short neck; fine even sandy fabric w/ abundant fine quartz & black grit up to 0.2mm
Recent	275	273	White Sandy ware	1	12	1			BS	Hollow ware	Smoothed int & ext	MC11 th – M/LC13 th	Fine white to pale grey sandy fabric w/ abundant quartz & black grit up to 0.2mm, mainly finer; lightly burnt ext
Recent	285	285	Stamford type ware	1	4	1			BS	Hollow ware	U/Dec	LC9 th – LC11 th	Light sooting ext
Recent	285	285	Stamford type ware	1	27	1	14	28	Rim	Jug/jar	U/Dec	LC9 th – LC11 th	Distinctive flat-topped clubbed rim on a very short neck; fine white fabric, slightly sandy
Recent	285	285	Stamford type ware	1	17	1			BS	Hollow ware	Thin, patchy glaze ext	LC9 th – LC11 th	Prominent rilling int; heavily sooted ext
Recent	285	285	Unglazed Red Earthenware	1	40	1	18	12	Rim	Flowerpot	Rilled collared rim	C19 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	285	285	Unglazed Red Earthenware	1	8	1			BS	Flowerpot	U/Dec	C19 th	
Recent	530	530	Bone China	1	21	1			Tripod foot & BS	Bowl	Moulded fluted or lobate body	C19 th	Small footed closed bowl
Recent	530	530	Brown Glazed Coarseware	2	40	2			BS	Pancheon	Brown glaze int only	C19 th	
Recent	530	530	Brown Salt Glazed Stoneware	3	556	3			BS	Stewpot	Bands of rouletted stars & discs ext; brown ext, grey int	C19 th	Lateral lug-like handles ext on globular bodies
Recent	530	530	Brown Salt Glazed Stoneware	2	33	2			BS	Hollow ware	Brown int & ext	C19 th	
Recent	530	530	Brown Salt Glazed Stoneware	1	101	1			Base	Hollow ware	Brown int & ext; rouletted band ext	C19 th	Stacking scar on underside of base
Recent	530	530	Brown Salt Glazed Stoneware	1	86	1	28	12	Rim	Bowl	Rouletted band ext	C19 th	Sharply everted flat rim
Recent	530	530	Brown Salt Glazed Stoneware	1	42	1	26	14	Rim	Lid-seated Rim	Groove below rim ext	C19 th	
Recent	530	530	Brown Salt Glazed Stoneware	1	21	1			Ring foot	Hollow ware	Ridge & groove on splayed footed base	LC18 th – C19 th	
Recent	530	530	Brown Salt Glazed Stoneware	2	28	2			Rim	Bowl	Rouletted bands ext	C19 th	
Recent	530	530	Buff Sandy ware	2	53	2			BS	Hollow ware	Spot & streak of splash glaze int; rilled ext	LC11 th – M/LC13 th	Abundant fine quartz & red grit in a buff body

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	530	530	Cane Coloured ware	1	30	1			BS	Pie dish	U/Dec	C19 th	
Recent	530	530	Colour Glazed ware	1	35	1			Base	Teapot	Black glaze int & ext	C19 th	Fine light red fabric
Recent	530	530	Edged ware	1	12	1	U/ID	U/ID	Rim	Plate	Low relief moulded rim w/ blue paint	EC19 th	Footring base
Recent	530	530	Edged ware	1	23	1	U/ID	U/ID	Profile	Plate	Low relief moulded rim w/ blue paint	EC19 th	Flat base
Recent	530	530	Humberware	1	92	1			Base	Hollow ware	Streaks of glaze ext	C14 th – C15 th	Oxidised fabric
Recent	530	530	Late Blackware	2	67	1			Footed base	Hollow ware	Black glaze int & ext, above footed base	C18 th	Fine red fabric
Recent	530	530	Late Humberware	3	341	1			BS	Hollow ware	Green glaze int & ext	C15 th – C16 th	Fine grey fabric; large vessel
Recent	530	530	Late Humberware	1	291	1			BS	Pancheon	Green glaze int only	C15 th – C16 th	Fine oxidised fabric; large pancheon
Recent	530	530	Late Humberware	1	76	1			BS	Hollow ware	Thumbed band ext	C15 th – C16 th	Reduced sandy body
Recent	530	530	Late Humberware	1	17	1			BS/Flake	Hollow ware	Green glaze int	C15 th – C16 th	External surface flaked
Recent	530	530	Late Humberware type	1	23	1			BS	Hollow ware	Clear glaze ext, green glaze int	C15 th – C16 th	Bright orange fabric
Recent	530	530	Mottled ware	1	23	1			Footed base	Hollow ware	Dark brown mottled glaze int only	C18 th	Light buff fabric w/ fine black grit & sparse white rock grains
Recent	530	530	Mottled ware	1	6	1			Base	U/ID	Mottled glaze int only	C18 th	Light buff fabric

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	530	530	Mottled Yellow-glazed Fineware	1	27	1	U/ID	U/ID	Rim	Dish/bowl	White slip w/ brown mottling int only	C19 th	Fine red fabric; black deposit on underside of rim
Recent	530	530	Mottled Yellow-glazed Fineware	1	19	1			BS	Dish/bowl	White slip w/ brown mottling int only; band of glaze ext	C19 th	Fine red fabric
Recent	530	530	Pearlware	2	9	1			Profile	Bowl	Hand-painted leaf spray design int	c.1780 – c.1840	Angular ring foot base; shallow bowl or saucer
Recent	530	530	Pearlware	1	33	1			Footed base	Small jar	U/Dec	c.1780 – c.1840	Crazed & discoloured
Recent	530	530	Scarborough 1 ware	1	7	1			BS	Hollow ware	Dark green glaze ext	MC12 th – E/MC13 th	Note issues around dating
Recent	530	530	Slip Banded CC ware	1	8	1	16	9	Rim	Bowl	Thin white slip lines ext	C19 th	
Recent	530	530	Slip Banded CC ware	1	5	1	U/ID	U/ID	Rim	Mug/jug	Blue slip band below rim	C19 th	
Recent	530	530	Slipware	1	22	1			BS	Dish	White on red slip giving linear & curvilinear pattern int	C18 th	Press-moulded dish
Recent	530	530	Slipware	1	17	1			BS	Dish	Red, brown & white curvilinear designs int	C18 th	Press-moulded dish
Recent	530	530	Slipware	1	54	1			BS	Dish	Curvilinear 'swirled' design int; brown & white	C18 th	Chipped & abraded int & ext surfaces
Recent	530	530	Stoneware	1	122	1			Base	Bottle	Grey stoneware	C19 th	

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
Recent	530	530	Stoneware	1	63	1			BS	Hollow ware	Rouletted bands ext; grey lead glaze int	M – LC19 th	Thin salt glaze ext, grey lead glaze int
Recent	530	530	Stoneware	1	267	1			Base	Hollow ware	Rouletted band ext	M – LC19 th	Thin salt glaze ext, grey lead glaze int
Recent	530	530	Torksey type ware	1	12	1			BS	Hollow ware	Smoothed ext	LC9 th +	
Recent	530	530	TP Whiteware	1	41	1	U/ID	U/ID	Rim	Dish	Fine red printed rose design int & ext	M – LC19 th	
Recent	530	530	TP Whiteware	1	32	1			Footring base	Plate	Willow	M – LC19 th	
Recent	530	530	TP Whiteware	1	76	1	28	13	Rim	Bowl	Willow int	M – LC19 th	
Recent	530	530	TP Whiteware	1	12	1			BS	Flatware	U/ID Floral design int (flaked)	M – LC19 th	
Recent	530	530	TP Whiteware	1	111	1	25	16	Rim	Plate	Asiatic Pheasants	M – LC19 th	
Recent	530	530	TP Whiteware	1	26	1	22	13	Rim	Plate	Asiatic Pheasants	M – LC19 th	
Recent	530	530	TP Whiteware	1	8	1			BS	Plate	Asiatic Pheasants	M – LC19 th	
Recent	530	530	Unglazed Red Earthenware	1	129	1			Base	Hollow ware	U/Dec	C16 th – C17 th ?	Red earthenware but ext surface extensively flaked
Recent	530	530	Whiteware	1	27	1			BS	Hollow ware	U/Dec	M – LC19 th	
Recent	530	530	Whiteware	1	7	1			BS	Flatware	U/Dec	M – LC19 th	
Recent	530	530	Yellow ware	1	49	1			Footed base	Hollow ware	Thin yellow glaze int & ext w/ dark stripe	C17 th - EC18 th	Fine white fabric

C-Period	Feature	Context	Type	No	Wt	ENV	Diam	%Rm	Part	Form	Decoration	Date range	Notes
											ext		
Recent	530	530	York Glazed ware	1	131	1			Strap handle	Jug	Dark to pale green on upper surface	M/LC12 th – M/LC13 th	Chipped & abraded

November 2017

Introduction

A medium sized assemblage of faunal remains, amounting to 7 boxes, was recovered by L.S. Archaeology in 2016 during excavation at the York Vita Student site. The assemblage came from four areas; Area A, Area D, Orchard 3 and Plaza, with the vast quantity of remains coming from the latter. The vast majority of fragments in the assemblage generally date to between c. AD 866-1150 and AD 1350-1450/1500, with some older and more recent material. No spatial division is seen within the site with all areas yielding bone from all periods. The animal bone was examined by the author between 2016 and 2017, a total of 2061 fragments were recorded from 123 contexts. The assemblage is of a moderate size considering it is located c.1 mile from the centre of the Roman and medieval settlement, with approximately a third of the bone archive dating to c. AD 1050-1150.

Methodology

The majority of animal bone submitted for examination comprised bones of large vertebrate species collected by hand during the excavation. Such a collection procedure is well known to produce an assemblage biased towards larger boned mammals, with the loss of medium/small sized taxa and virtually no recovery of rodents and fish (Payne, 1975). Vernacular (common names) of taxa are used throughout the text, checklists of the taxa referred to can be seen in table 1.

Identification was carried out by comparison to the University of York reference collection and personal reference collections. Among the ovicaprids, only sheep was positively identified, thus it is possible that the bones of goats are present in the sheep/goat category, oviparid bones are collectively referred to in this report as sheep.

Detailed recording of the assemblage was undertaken in Microsoft Excel, elements which could be identified were quantified to include; species, element, number, side, taphonomy and pathologies. Skeletal element representation for the major domestic species was undertaken using the number of identified specimens (NISP) as the basic unit in counts. Semi-subjective, non-quantitative data were recorded for the material from each context regarding the state of preservation, colour, and the proportional completeness of elements. Additionally, for the bone from each context, semi-quantitative information was recorded concerning dog gnawing, burning, butchery and fresh breakage. Other fragments, (classified as 'unidentified') were, where possible, grouped into categories: large mammal (assumed to be horse or cow), medium mammal (sheep/goat, dog, cat etc.), small mammal (rodents), unidentified bird, unidentified fish and totally unidentified.

Capra/Ovid and cattle tooth wear stages were recorded using those outlined by Grant (1982). Cattle, pig and Capra/Ovid mandibles were assigned to the general age categories outlined by O'Connor (1989). Mandibles with incomplete tooth rows where numbers of teeth missing were too great to confidently assess wear were not

assigned to age groups. Mammal bones were described as 'juvenile' if the epiphyses were unfused and the associated shaft fragment appeared spongy and porous. They were recorded as 'neonatal' if they were also of small size. Epiphysial fusion data are presented using the categories of O'Connor (1988).

Due to the reasonably isolated occurrence of complete skeletal elements no attempt was made to take measurements.

Phasing and grouping

In order to summarise the results obtained from analysis of the animal bone, it is necessary to group some quantities of faunal remains of the same period, phase or area. Results from individual contexts are seldom considered in this report unless significantly noticeable or stratigraphically discrete. Consequentially to assist in the wider investigation and to manage the number of fragments, NISP counts for periods have been grouped. Animal bone by context is included for reference in appendix 1. The intention is to give a useful chronological resolution to the result and make it comparable with other sites in York to assess the importance of the assemblage.

Site by chronological phase

Roman

Taphonomy

The physical appearance of the remains was the most consistent of any period suggesting a consistency in the sediment matrix in which the bones were buried. This resulted in predominantly well-preserved fragments generally brown in colour (approx. 50%). Approximately 6% of fragments exhibited some surface degradation. This is generally suggestive of a reasonable neutral depositional environment with some drainage and oxygenation of sediments. Fragmentation was observed to be high with 78% categorised as ¼ or less complete (table 3), this might be resultant from human cultural practice and butchery although only three bones were noted to have chop marks on them. One element exhibited a possible case of rodent gnawing, although this was unclear being partially obliterated by subsequent tectonic processes.

Results and discussion

From the Roman period 47 fragments were recorded (dating between the late 1st to late 3rd century), however only 3 species were positively identified to taxon level (table 1). The extremely low number of fragments makes commentary nearly superfluous. That being said, there was a dominance of cattle, comprising 27% of the NISP for this period, with lower relative abundances of pig (4%) and even fewer sheep (2%). A single bird bone was identified but not attributable to species. A total of NISP 8 were attributed to the large mammal and 2 to the medium category likely cattle and sheep bones respectively but lacking sufficient diagnostic traits to certainly categorise them. A total of 19 fragments were recorded as completely unidentified.

As so few bones were recovered little can really be said regarding Roman cultural practice regarding animals. On a general note the higher proportions of cattle bones falls in line with the dominance of cattle noted at other York sites (O'Connor, 1988). Elements present are reasonably even between all parts of the skeleton; furthermore the most bones yielded by a single context were 17 fragments. Needless to say there are no disabling patterns to be identified given the dearth of evidence. Given the sites location, some distance from the main Roman settlement, this is not surprising despite being next to a Roman route into York. The remains are likely accumulated by waste disposal along the roadside.

c. AD 866-1050 (Anglo-Scandinavian) and c. AD 1050-1150 (Medieval)

Taphonomy

The physical appearance of the remains, despite all being attributed to the same phase, was varied thought to reflect marked differences in in the sediment matrix in which the bones were buried. This resulted in some well-preserved fragments generally brown in colour and some more friable fragments light tan in colour. The vast majority of fragments were described as tan/light brown in colour (approx. 50%), this is generally suggestive of a reasonably neutral depositional environment with some drainage and oxygenation of sediments variable across the site. This is evidenced with only 1% of fragments exhibiting breakdown of the surface, suggesting the soil matrix is not sufficiently hostile to cause significant damage. This also indicated that preservation variability is not the cause of the high fragmentation observed with 76% categorised as ¼ or less complete (table 3), this might be resultant from human cultural practice and butchery. A large number of fragments were also noted as having mineral staining being 'mottled', a common occurrence in more waterlogged conditions. It is possible that the site hydrology has changed over time.

Some fragments bore evidence of animal gnawing prior to deposition (2% of the assemblage for this period). In the majority of cases this was attributable to canids (likely domestic dogs) but there was also an incidence of cat bites on a domestic fowl humerus. Gnawing was focused, as expected, around the epiphyses of bones with nearly equal incidences on cattle and sheep bones. Furthermore this was primarily on meat bearing long bones (tibia, radius, humerus and femur). What cannot be determined is if these bones were deliberately fed to domestic pets or opportunistically scavenged. It is reasonable to suggest that these elements were present 'on the surface' for some period of time prior to deposition however which might result in some of the taphonomic variability discussed previously.

Results and discussion

A total of 856 fragments were recorded dating predominantly to c. AD 1050-1150 (ceramic period 9) but also a small proportion to c. AD 866-1050 (ceramic period 8/9). From these dates only 8 species were positively identified to taxon level (table 1). The predominance of cattle is obvious, comprising 31% of the NISP for this period, with lower relative abundances of sheep (5%) and pig (3%). A small proportion of other species were also identified including horse, dog and cat. A number of bird bones were identified (NISP 14) of which 6 were noted to be chicken and 3 'fowl', likely chicken. Fish remains were also recovered (NISP 7) but no species were assigned. Also of interest

was a human scapula from context 229, although is considered of little significance likely being residual from somewhere in the vicinity. Of the unidentified bone, NISP 164 was attributed to the large mammal and 120 to the medium category likely cattle and sheep bones respectively but lacking sufficient diagnostic traits to categorise them with certainty. 200 fragments were lacking any identifiable information and so were recorded as completely unidentified.

Element distribution and butchery evidence seems to shed little light on butchery or consumption practice at this time. Of the cattle fragments 23 have primary evidence for cut or chop marks (8%), however this is just the identifiable marks. These are distributed across the skull, atlas and axis (8 incidences), forelimbs (3 incidences) and hind limbs (11 incidences). The general impression for cattle is that chop marks are focused around epiphysis and joint articulations, aiming to separate the carcasses. Secondary evidence can be gained from non-random element representation in the assemblage, indicating selective dispersal of certain elements. However it seems there is no more prevalent element among the assemblage, with distribution reasonably even across the major limbs. It has been noted that not all carcasses seem to have been butchered in the same way, some may have had the major meat muscles removed from the bone producing intact bone waste while others chopped through bones and meat (O'Connor, 1989). What is apparent is that butchery was not systematically done, this is inconsistent with the existence of a central meat market (or similar) and butchery might have been done on a local level with a cow being brought in, slaughtered and shared among several homesteads. The role of the butcher was likely played by a household member (McCormick, 1982) hence the unsystematic nature.

Butchery evidence on sheep was much less common, with only 8 fragments showing evidence. This is presumably related to their relative contribution to diet compared to their importance as textile producers. Furthermore the relative ease at which a medium size mammal could be dismembered with a knife with little need to chop through bones, leaving little or no trace on the skeleton. The lack of butchery has also been used to suggest that sheep could have been distributed in parts such as a quarter to a household, rather than smaller joints (O'Connor, 1989). Carcass distribution was similar to cattle with no obvious trend in skeletal elements. The same is likely true for pigs; however they have no real use as secondary products so were likely food animals almost exclusively and likely produce a larger proportion of the town's meat than sheep. Too few pig bones were recovered to make any meaningful assessment, however skull bones seem to have been most abundant possibly related to their robustness.

The AD 866-1050 phase assemblage composition seems reasonably typical for this period, comparable to other sites in York (for example: O'Connor, 1989; O'Connor, 2004). Although in part attributable to better recovery of large bones, it does seem to represent a wider trend for the reliance on beef and dairy products as a dietary mainstay in York until at least the end of the medieval period. The contribution of sheep and pigs to the diet is harder to judge, particularly considering the secondary products obtainable in the case of the former. Meat yield should not be equated to economic importance as the use of wool was a major economic resource in this period. This would however not produce a considerable sheep bone assemblage as the processes involved in wool collection would likely have happened away from York in the hinterlands. The same may also be said of fowl and chickens, likely contributing to the general diet with eggs and meat. The status of animals such as horse in the diet is not clear, with one horse element from this period's assemblage exhibiting butchery evidence and occurring in the presence of what may be considered food debris. It may be

assumed that the occasional one was processed for domestic meat consumption. What may be said on the basis of table 1 and 2 is that for this period beef provided the bulk of meat component of the diet, with a much lesser variety of mutton, pork and assorted poultry.

Context 77

Of worthy discussion is context 77, this contained a high proportion of cattle bones. The central deposit seems to have been an articulated cervical and thoracic vertebra and the mandibles and maxilla presumable representing a skull deposited nearly complete. Surrounding these were a number of disarticulated cattle elements including disarticulated radius and ulna, a metacarpal, a humerus, vertebra and pelvis. The radius and ulna are likely from one individual as they can be refitted, but were deposited separately in the pit. Quantification of the cattle elements suggests a minimum of two individuals were deposited as an additional mandible and atlas vertebra were noted. Due to the nature of semi-articulation and disarticulation of element it is not certain which elements belong to which articulated group, or if all element come from separate individuals.

The cattle elements exhibited evidence of butchery, marks of chopping mainly, most noticeable on the two atlas vertebrae that had been cleaved through in an obvious attempt to separate cranial from post cranial elements. The mandibles also were chopped, between the broad vertical part of the ramus and the molar part of the ramus, possibly to remove the lower jaw from the rest of the skull. However they were deposited with the maxilla, it is also possible this occurred in an attempt to remove the cranium generally. The radius and ulna were also possibly butchered; the radius was split lengthways medially presumably to extract the marrow cavity. Due to the lack of frequency nothing can be said about the consistency of butchery processes, or if systematic butchery of carcasses occurred.

Aging of mandibular tooth rows suggests an age at death between 3.5-6.5 years for all individuals. Furthermore if the humerus is from the same individual the unfused proximal epiphysis would conform with this age, becoming fused around 3.5 years. This represents a pattern of slaughter consistent with other medieval sites from York, killing off animals in their prime for milk and traction but likely past their prime for meat by today's standards. This suggests they were part of an economy in which cattle were utilitarian in their resource, and as O'Connor (1988) suggests York likely lacked an organised beef or dairy industry at this time. However from this context too few mandibles were recovered to suggest any convincing insight into York's livestock economy at this time, particularly given the unusual depositional environment.

Other species and elements recorded from the same context were a sheep mandible and a cat maxilla. There was an element that was identified as medium mammal, tentatively roe deer, but not with sufficient confidence to say for certain. Placement occurred into a pit that does not appear to have been associated with structures or other features. This could be a possible water hole, it is known that pre Anglo-Scandinavian, in the late Romano-British period the 'water hole' feature becomes the main area associated with ABG (Animal Burial Group) deposition. A parallel can be seen at Shiponthorpe where middle Romano-British ABG's consisting of a cattle skull with associated cervical vertebrae and a horse limb bone were placed in a large pit (Mainland, 2006, 276-278) possibly symbolic of 'closure' of the water source (Roskams *et al*, 2013).

In this case it is difficult to attribute a ritual or mundane depositional context. The butchery marks on the skeletal elements and the absence of the main meat bearing elements (with exception to a humerus) seem to suggest waste products after dismemberment of the cow carcass, followed by disposal into the pit. The disarticulated and unordered nature of the other associated skeletal elements could support this. On the other hand the bone recovered from the pit feature was much less fragmentary and eroded than other material from the site in general. The inclusion of cat suggests a slightly different species composition and not 'typical' domestic rubbish. Late Anglo-Scandinavian/medieval ABGs were recovered from Coppergate (O'Connor 1985; 1989), where site domestic mammal ABGs comprised of a partial neonatal cow (head and cervical vertebrae present) and three cats. Therefore the YSV16 site is consistent with other sites of the period and area.

c. AD 1150 - 1350 (Medieval)

Taphonomy

The physical appearance of the remains was similarly varied as in earlier periods. This resulted in some reasonably-preserved fragments generally darker brown in colour and some more friable fragments light tan in colour. Fragments were mainly described as tan/light brown in colour (approx. 90%), the medieval assemblage was generally in poorer condition however as 10% of fragments exhibited a degradation of the surface. Fragmentation was high with 73% of the fragments categorised as ¼ or less complete (table 3). Similarly to earlier periods a large number of fragments were noted as having mineral staining being 'mottled', indicating the site hydrology has changed in more recent times. Very few fragments had evidence of animal gnawing prior to deposition (1% of the medieval assemblage). This was attributable to a canid (likely domestic dogs) and cat bites on a goose humerus. As the occurrence of gnawing was low no obvious patterning was noted, at least not to constitute a meaningful trend. The cat bite marks are interesting as it carries the implication that cats were around in this period despite no physical remains being identified in this period's assemblage.

Results and discussion

A small total of 129 fragments was recorded dating to c. AD 1150-1350 (ceramic period 10 and 11), from these only 7 species were positively identified to taxon level (table 1). The predominance of cattle is still obvious in this period; comprising 16% of the NISP for this period however there seems to be an increase in the abundance of sheep (11%), while pig remains the same as previous periods (3%). The only other mammal species identified was horse in equal numbers to pig (3%). A small number of bird bones were identified (NISP 2) all of which were goose. Fish remains were also recovered (NISP 1) but no species was assigned. With regards to unidentified bone, NISP 23 was attributed to the large mammal and 21 to the medium category likely cattle and sheep bones. 36 fragments were lacking any identifiable information and so were recorded as unidentified. Wild species were identified as seen at other contemporary sites in York such as Skeldergate (O'Connor, 1984) however it is possible these were among the unidentified elements, for example the medium category could include undiagnostic bones of deer.

Due to the small size of the assemblage not much can be said for butchery or element distribution. Only four cattle bones, two sheep, one pig and one horse have direct evidence for butchery in the form of chop or cut marks. No obvious pattern can be ascertained in terms of the presence of meat bearing elements apart from a general prevalence of limb long bones (Table 3), however this may be a pattern related to preservation and collection bias, these elements being most likely to survive and be recovered. There is also a conspicuous absence of the distal most elements of limbs (phalanges), vertebra and cranium, what we are possibly seeing is the secondary phase of butchery where the main meat bearing elements are divided from the carcass and transported for consumption. Primary butchery was noted at Skeldergate (O'Connor, 1984) where the assemblage was suggested to comprise the result of initial slaughter and butchery (rich in mandibles, atlas and metapodials). It is likely this sample was domestic debris due to the presence of the meat bearing long bones, which are unlikely to have been discarded by a commercial butcher.

The cattle, sheep and pig bones are too few and distributed to make meaningful assessment of age at death. However basic quantification of epiphyseal fusion for cattle (where possible) showed the majority of all elements were fused, it is suggested cattle were likely 1-3 years at death. This young adult age would suggest purposeful selection for beef as they would have otherwise have been potentially useful animals for milk and traction. The majority of sheep bones were also considered adults and pigs juvenile, although too few were present to permit detailed analysis beyond this.

A minor pathology was noted on a cattle metacarpal, a possible incidence of osteochondrosis on the proximal articular surface. This is reasonably common in rapid growing animals particularly pigs, horses, dogs, caused by an interruption of the blood supply of a bone, in particular to the epiphysis, followed by localised necrosis of a small area and later, regrowth of the bone.

The composition of the mediaeval assemblage, although hindered by its smaller size, seems to suggest a reasonable continuity from the previous periods. Cattle are still the most important food animals followed by sheep and pigs. The relative frequency of sheep did increase which may indicate their increasing importance not only as a dietary animal but also for secondary products. The importance of sheep certainly increases in later periods, with a sharp decline in cattle. Overall the results from this period point to a likely origin as food debris being comprised most notably of long bone elements with only a general contribution from what might be considered industrial butchery waste.

c. AD 1350 - 1450/1500 (Medieval)

Taphonomy

The physical appearance of the remains was reasonably consistent between fragments for this period. Fragments were commonly 'tan' in colour (approx. 85%) considered to be of reasonable condition, neither well preserved or completely friable and perished. This could be suggestive of a reasonable neutral to slightly hostile depositional environment with some drainage and oxygenation of sediments but consistent in the late medieval layers. Only 3% of fragments exhibited a breakdown of the surface,

suggesting the soil matrix is not sufficiently hostile to cause really significant damage. There was however a high fragmentation observed similar to earlier periods with 72% categorised as $\frac{1}{4}$ or less complete (table 3). A small number of fragments were also noted as having mineral staining being 'mottled', common in waterlogged conditions suggesting a possible change in site hydrology over time.

Evidence of animal gnawing prior to deposition was noted on some fragments (2% of the late medieval assemblage). In all cases this was thought to be the work of canids (likely domestic dogs) having the characteristic scoring and pitting of dog teeth focused around the epiphyses of bones. Sheep bones exhibited by far the most evidence, but are also more prevalent in the assemblage generally; cattle bones were also gnawed in small quantities and even chicken bones. Gnawing was primarily on meat bearing long bones (tibia, radius/ulna, humerus, femur). These elements were present 'on the surface' for some period of time prior to deposition however which might result in some of the taphonomic variability, even if bones were deliberately fed to domestic pets or opportunistically scavenged. The extensive gnawing on some elements could suggest the bones were gnawed for a considerable period of time.

Results and discussion

The remains dated c. AD 1350-1450-1500 (ceramic period 12 and 13) totalled 780 fragments, from these 7 species were positively identified to taxon level, along with general goose and domestic fowl (table 1). There were also a number of unidentified bird bones, fish and amphibians. Cattle were no longer the most dominant species comprising only 8% of the NISP for this period however there seems to be an exponential explosion in the abundance of sheep (15%), while pig remains approximately the same as previous periods (2%). Other mammal species are also present but not in greater amounts than 1%; horse, cat and dog. The largest assemblage of bird bones from the site was identified for this period (NISP 39) of which 7 were goose, 10 chicken, 1 domestic fowl and 21 unidentified. Fish remains were also recovered (NISP 25) but no species was assigned and NISP 14 bones were noted as amphibian, likely frog/toad suggesting the deposits in contexts 418 and 537 accumulated slowly in damp conditions. Unidentified bone was NISP 476 total, of which 155 were attributed to the large mammal (cattle sized) and 213 to the medium category (sheep sized). An unidentified 108 fragments were lacking any diagnostic information.

In terms of butchery or element distribution the late mediaeval assemblage has a reasonably high incidence of chop and cut marks. For cattle 17 bones exhibit clear chop marks distributed on elements across the skeleton with a clear presence of large long bones. However the number is still not sufficient to gauge if this is resultant from systematic butchery. Similarly to the preceding period the cattle elements present are more indicative of secondary butchery, where the carcass is already 'compartmentalised' ready for transportation or consumption. Two cut marks were noted on pig bones, femur and tibia, suggesting a similar pattern to cattle but unsubstantiated due to low frequency of pig remains. The cattle and pig bones are too few and distributed to make meaningful assessment of age at death. However basic quantification of epiphyseal fusion for cattle (where possible) showed the majority of all elements were fused, it is suggested cattle were likely 1-3 years at death. This young adult age would suggest purposeful selection for beef as they would otherwise have been potentially useful animals for milk and traction. Pig bones generally came from juvenile/young adults due to porosity and size of elements, leading to the possibility of pigs being kept as a 'yard' animal.

Sheep bones exhibit the best butchery evidence with 27 fragments showing chop/cut marks. There seems to be a high number of limb bones, particularly hind limb (calcaneus, astragalus and tibia totalling NISP 16) with chop marks, a common joint portion suggesting some systematic processing of carcasses into common cuts where the lower hind limb was cut away. When also considering the element composition of the sheep assemblage limb bones definitely preponderate, with the pattern on cut marks and elements indicating limbs were cut from the body, at the elbow/knee and at the foot. An individual limb would therefore provide two 'lumps' of meat. Within the sheep bones were a small number of mandibles from which age at death was estimated. Although the data was recorded using Grant (1982) an insufficient sample group was obtained to apply the MWS (Mandible Wear Stage) detailed by Grant and create any meaningful assessment of mortality. For summary purposes the wider eruption pattern is presented in terms of juvenile, sub-adult, adult and elderly. The majority of mandibles had erupted 4th premolars and 3rd molars which occurs at 24 months in sheep, furthermore the third molar was in wear but not heavily. This eruption and wear pattern indicated the majority were adults likely aged between 3-6 years at death. One mandible had an erupting third permanent molar suggesting a sub-adult, possibly 2-4 years at death. This pattern seems typical of medieval York, being of predominantly adults but not of advanced age. It is suggested that sheep were primarily important for their wool and fertiliser (O'Connor, 1988), the observed age profile would be consistent with this.

Also of interest was the number of cat bones recovered predominantly from contexts 489 and 424. From 489 the 3rd, 4th and 5th metatarsals were identified along with an ulna, the metatarsals refit and so are likely from one individual. The ulna could be from the same animal as all elements were from the left side and the same context. Context 424 contained a complete skull along with a humerus, tibia and two ulna, similarly these could belong to a single individual although this is uncertain. The inclusion of cat indicates at least some of the medieval assemblage derives from domestic debris as the presence of dead cat would be surprising among waste from a slaughterhouse or butcher. The bones of birds are also typical of kitchen waste as they are usually obtained as whole carcasses; the ungulate remains comprise parts which generally carry the most meat, although here is some variability, generally indicative of food debris.

1720-1840 (Early Modern) and recent

Taphonomy

The physical appearance of the remains was reasonably consistent through the post-medieval assemblage, comprising reasonably-preserved fragments generally brown or light brown in colour (approx. 90%). The assemblage was overall in good condition but 11% of fragments still exhibited some surface degradation. Fragmentation was high with 71% of the fragments categorised as ¼ or less complete (table 3). Consistent to earlier periods a large number of fragments were noted as being 'mottled', indicating a varied depositional environment with fluctuating hydrology. Virtually no fragments had animal gnawing evidence. Possibly bones were being immediately buried and so were not accessible to scavenging animals. A few fragments were calcined, white in colour, having been burnt likely not from cooking but significant exposure to fire, possibly waste being burnt.

Results and discussion

The post-medieval (early modern and recent) faunal assemblage totalled 127 fragments, from these 5 species were positively identified to taxon level, along with a single unidentified fish bone (table 1). Cattle were the most abundant species comprising 18% of the NISP for this period, with a relative decrease in the abundance of sheep (9%), while pig remains approximately the same (3%). Horse and dog were also present in low abundance (6% and 4% respectively). No bird bones were present. Unidentified bone was NISP 75 total, of which 41 were attributed to the large mammal (cattle sized) and 16 to the medium category (sheep sized). Diagnostic information was absent from 18 fragments, being unidentified.

Butchery evidence was only noted on one identified element, a cattle metacarpal. A large mammal bone and a medium size mammal bone also had chop marks on them. Furthermore the element distribution is reasonably even with all skeletal elements represented. It is therefore difficult to make a meaningful assessment of butchery or dietary preferences. If we also consider the unidentified large mammal bones are likely cattle, there is then a clear preference for long bones, ribs and vertebrae which are the common main meat bearing elements exported from a butchers shop. The prevalence of cattle for this period is interesting given the trend for sheep seen elsewhere in York (O'Connor, 1984), however the limited size of the assemblage makes detailed assessment difficult.

In comparison with other site of this period there is a relative dearth of taxa present, sites such as Fishergate (O'Connor, 1991) or Walmgate (O'Connor, 1984) in York yielded numerous bird bones including those still exploited as game today along with small mammals such as rabbit. At this time meat would likely have been provisioned from a general market so the prevalence of cattle and lack of game species may be somewhat representative of dietary choices for the associated residence. Given the spatial distribution of the remains from across the site in small numbers it is reasonable to suggest the bones represent general domestic rubbish from this period.

Undated

In addition to the dated material there were 122 bone fragments with no date from 17 contexts. These were generally split among the same taxa as seen in stratified contexts. No detailed analysis is made given the lack of temporal information.

Conclusions and summary

Bones recovered from the Roman to post-medieval deposits at the York Student Vita site represent a complex and long series of processing beginning with the birth and rearing of the animals. What we are seeing is a sub-sample of the original population influenced by selection bias at all stages of the animal bones pathway including husbandry, butchering, deposition and subsequent recovery. That being said, the assemblage does seem to represent a typical Roman to post-medieval assemblage comparable with others of this period from York.

The phenomenon of earlier deposits being better preserved is not uncommon on urban and semi-urban sites with deeper stratigraphy, usually the simple principle of earlier = deeper = more waterlogged = better preservation. This concept seems to have been partially true for this site as the majority of deposits were not considered particularly wet but were a combination of good to poor preservation. It is likely that the water table level changed over time and that the original deposits contained a high component of organic material producing conditions that were favourable for bone preservation. These would have decayed over time and certainly before the excavation. This would be consistent with domestic refuse, which would contain all kinds of organic matter. Subsequent and recent construction phases on site would have created sumps through the deep foundation trenches permitting ground water to drain allowing drying out and oxidisation of the bone deposits.

Period for period differences in the assemblage are for the most part subtle and only noticeably vary in the relative abundance of cattle to sheep. From the Roman to medieval periods there is a heavy dependence on beef that persists for a long time. In other settlements such as Lincoln, cattle decreased in abundance from the mid-10th century (O'Connor, 1982). This was not the case at YSV16 here which is also a pattern noted at other York sites, we may be observing a York-wide trend for cattle being popular later than other towns. This is probably related to the agricultural hinterlands of York an area of damp lowland pastures where grazing of large mammals is plentiful. The Ouse Floodplain was never suitable for sheep farming to any extent so the dependence on beef may be as much environmentally as culturally determined. It is obviously recognised that equating damp grassland with cattle maybe a gross over simplification of complex multi-period agricultural practices occurring in a removed location from urban York. However from the 16th century the cattle dependency decreases in magnitude alongside an increase in sheep, perhaps indicating a rise in trade networks with exchange distances reaching into the uplands surrounding York. This is also possibly linked with a rise in wool trade boosting the numbers of sheep available.

With regards to other species found at the site, there is some evidence that pigs, geese and fowl were kept within the city or could be obtained close to York. Such animals are small and easily kept as 'yard pets'. Thus the population likely had some access to food and was not wholly dependent on hinterland farms. Animals such as horses, dogs and cats were present in consistently small numbers seeming to represent a general background noise of such species commonly found in cities.

In terms of diversity, often assumed to equate to status, through the purchase of 'exotic' or high-priced foods the people living near the site do not appear to be wealthy. The most common meat component being cattle and sheep, neither being bred specifically as a source of meat with little hunted game to provide variety. The joints of meat seem to include a combination of prime cuts to off-cuts for all periods. It is implicit that attempts to ascertain societal status from dietary remains, particularly further back in time, assume social stratification. Despite this it is suggested the inhabitants at the site were certainly not poor though lacked significant wealth, and possibly the social outlook, to purchase luxury foods to vary diet.

From the small and mixed nature of this assemblage it is difficult to interpret the assemblage as anything other than domestic refuse with a possible mixing of waste from the preparation of carcasses. The majority of skeletal elements are represented with no obvious dominance to indicate a craft or industrial nature to their accumulation. However it should also be said this assemblage is not typical of a subsistence economy such as might be seen in typical rural sites. They have a resemblance to other sites in

York, of a prosperous trading settlement developing into a large town. It is however obvious that the site was in the fringes of the main urban development given the size and domestic nature.

Retention recommendations

Guidance regarding retention and discard is given by Historic England (2014, 24) against which a suitable policy for the York Vita assemblage is considered. The assemblage is regarded to have a moderate to high significance both on an intrinsic and extrinsic basis. The site itself seems to be fairly typical for York when considered against the wider site context as characterised above. However given the presence of stratified material dated to Anglo-Scandinavian and medieval contexts, this assemblage is thought to still hold value given York's colourful past particularly relating to these periods. Furthermore, the site is located in an area of archaeological paucity regarding known remains and so there is the potential for reanalysis in the light of future discovery. On a methodological note the recording approach adopted here was a 'broad brush' analysis to examine all the material and condense this into a manageable report. While this is considered suitable to successfully characterise the assemblage, it is likely further information could be obtained from the bones driven by an alternative research agenda. When considering the moderate assemblage size it is also apparent that the time taken to create a suitable record (as per Rainsford *et al*, 2014) prior to discard would be more exhaustive than of worth given the small percentage of the bones that would be lost. Therefore, at present, it is recommended full retention and storage should be made.

Appendix 1

Roman								
Context	bird	cattle	large	medium	pig	Sheep/goat	unid	Total
29		2	6					8
160		1						1
174		5	1	2		1	8	17
255	1	1			1		8	11
257		4	1		2		3	10
Total	1	13	8	2	3	1	19	47

Anglo-Scandinavian and post-conquest															
Context	bird	cat	cattle	chicken	dog	fish	fowl	horse	human	large	medium	pig	Sheep/goat	unid	Total
33											1	1	1	4	7
51			3							1			1		5
57														2	2
61											6				6
77		1	104							3			1	7	116
205														1	1
207			6								1		1	2	10
211										1				3	4
215			6			1				1	6	2	2	5	23
221			9					1		6	4	1	5	2	28
229			5						1		3			11	20
253			1			2				12	9	4	1	8	37
263			4							2	1			2	9
265	1		16	1	1	1				12	11	4	8	12	67
274			1												1
293			8							1	1	1	1	6	18
295			4							3		1		6	14

Anglo-Scandinavian and post-conquest															
Context	bird	cat	cattle	chicken	dog	fish	fowl	horse	human	large	medium	pig	Sheep/goat	unid	Total
298			1											3	4
299			10			1				16	8	2	3	8	48
304			2										2	2	6
309								1						5	6
322			3								2				5
327											4				4
343	1		25	1						30	19	3	6	24	109
345			3			1				5	2			6	17
347											1				1
349										1				3	4
351							1								1
355			5												5
357			3							2	6		1	5	17
359			1							8				9	18
371											1				1
378			3							1	2				6
379			2												2
385														1	1
390										3	2			1	6
393			6							7			1	3	17
394	2		11				2	1		6	5	2	1	11	41
410			2							11	5	1	2	6	27

Anglo-Scandinavian and post-conquest															
Context	bird	cat	cattle	chicken	dog	fish	fowl	horse	human	large	medium	pig	Sheep/goat	unid	Total
414			1							1	2			5	9
420			4							2	1		1		8
422								1		3				2	6
432			1							1		1		2	5
448			1								1				2
452														3	3
454														5	5
462											1			2	3
481										2		1		1	4
495			1											1	2
496														2	2
499								1				1		1	3
510			1											1	2
511			1											1	2
519										2					2
526			7	1		1				9	8		1	7	34
527										1				1	2
583	1		7	3				2		7	6	1	6	5	38
587										1				3	4
596			1							3	1				5
597			1												1
Total	5	1	270	6	1	7	3	7	1	164	120	26	45	200	856

Medieval										
Context	cattle	fish	goose	horse	large	medium	pig	Sheep/goat	unid	Total
69						1		1	2	4
111				3	3			1	2	9
231							1		3	4
235	11		2	2	17	7	2	6	10	57
337	1									1
381	4					2				6
430							1		3	4
446	2					6	1	2	8	19
476									1	1
500		1			2	3		3	4	13
520	2				1	1		1		5
581	1					1		1	3	6
Total	21	1	2	5	23	21	5	15	36	129

Later Medieval																
Context	amphibian	bird	cat	cattle	chicken	dog	fish	fowl	goose	horse	large	medium	pig	Sheep/goat	unid	Total
10				4							11			3	1	19
16				2							7	9		1		19

Later Medieval																	
Context	amphibian	bird	cat	cattle	chicken	dog	fish	fowl	goose	horse	large	medium	pig	Sheep/goat	unid	Total	
18				2							6	6	2	8	8	32	
20				1										1		2	
47				2							1	1		3		7	
59												2				2	
237							2				1	1		3	2	9	
276							1				1	6		2	2	12	
324				1							3		1	1	2	8	
353											1					1	
416		2					6				10	15		2	4	39	
418	13			7			2	1		2	19	36	2	17	15	114	
424		19	5	33	10		14		7		66	115	11	64	58	402	
426				9		2				2	17	8	5	5	6	54	
489			4	3						1	4	6	1	4	3	26	
537	1			1							6	3		3	1	15	
553				1											1	2	
565											1					1	
577				1							1	3				5	
589			1	3								2			5	11	
Total	14	21	10	70	10	2	25	1	7	5	155	213	22	117	108	780	

Early Modern										
Context	cattle	dog	fish	horse	large	medium	pig	sheep/goat	unid	Total
7	3	4		4	29	4	1	6	1	52
89									1	1
113						2				2
119	1			2			2	1	2	8
198	5		1		4	4		5	2	21
209	12					4			10	26
217	1								2	3
273	1				3	1	1			6
341	1					1				2
530					5		1			6
Total	24	4	1	6	41	16	5	12	18	127

Undated											
Context	bird	cattle	fish	goose	horse	large	medium	rabbit	Sheep/goat	unid	Total
29		1					1				2
115		1									1
130		1			2	2	3			4	12

Undated											
Context	bird	cattle	fish	goose	horse	large	medium	rabbit	Sheep/goat	unid	Total
173									1		1
223							1				1
296						1	2				3
399							1				1
428		1				1		1			3
468						1				2	3
503							2			2	4
508		3				4	3		1	8	19
539						1					1
542						1					1
591		2									2
592	1	1	3	3		4	23		5	6	46
599		6				4			4	7	21
601						1					1
Total	1	16	3	3	2	20	36	1	11	29	122

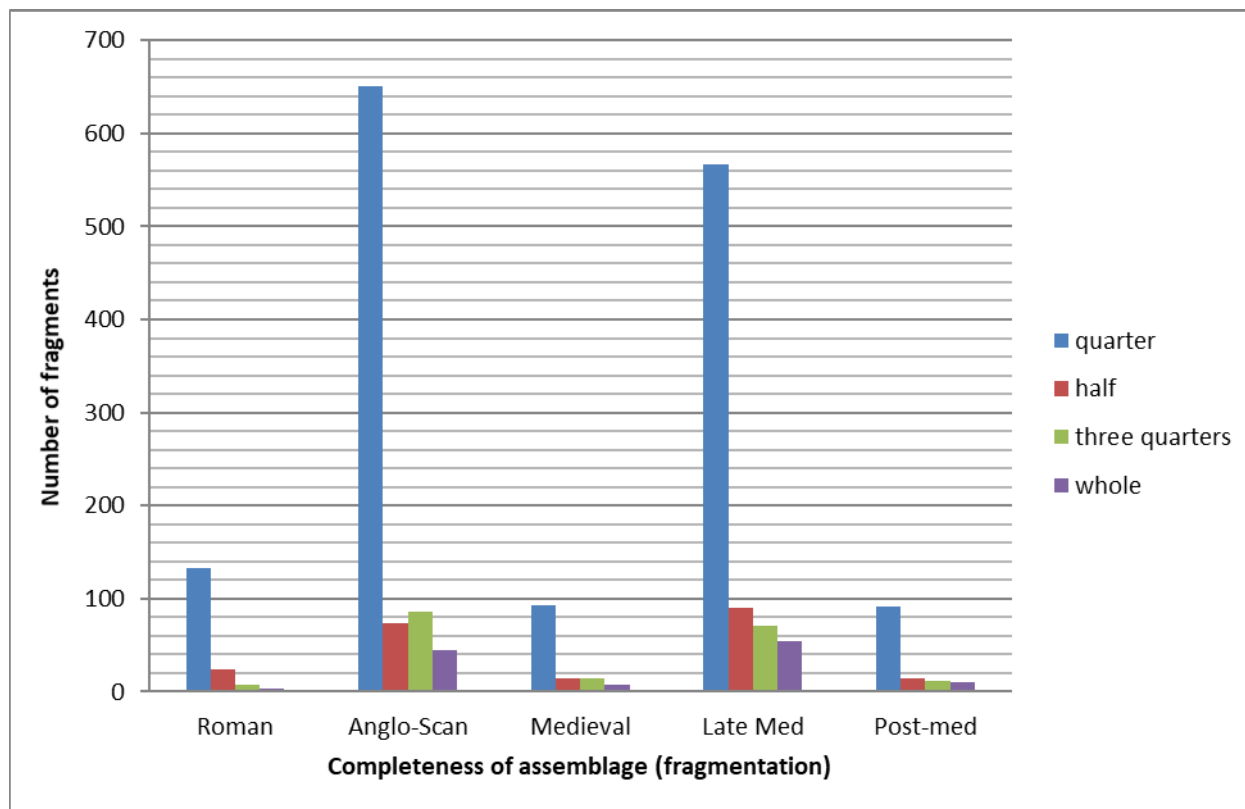
Table 1: Species count (NISP) by period

Species	Roman	Anglo-Scandinavian	Medieval	Later Medieval	Post-Medieval	Undated	Total
Cattle (<i>Bos taurus</i>)	13	270	21	70	24	16	414
Sheep / goat (<i>Ovis aries</i> / <i>Capra aegagrus hircus</i>)	1	45	15	117	12	11	201
Pig (<i>Sus scrofa domesticus</i>)	3	26	5	22	5		61
Horse (<i>Equus caballus</i>)		7	5	5	6	2	25
Dog (<i>Canis lupus familiaris</i>)		1		2	4		7
Cat (<i>Felis catus</i>)		1		10			11
Rabbit (<i>Oryctolagus cuniculus</i>)						1	1
Chicken (<i>Gallus gallus domesticus</i>)		6		10			16
Goose (<i>Anserini</i>)			2	7		3	12
Fowl (<i>Galloanserae</i>)		3		1			4
bird	1	5		21		1	28
fish		7	1	25	1	3	37
amphibian				14			14
Human (<i>Homo sapiens</i>)		1					1
Large (cow/horse sized)	8	164	23	155	41	20	411
Medium (sheep/pig sized)	2	120	21	213	16	36	408
unidentified	19	200	36	108	18	29	410
Total	47	856	129	780	127	122	2061

Table 2: Element count (NISP) by species and period

	Period	cranium	mandible	tooth	hyoid	atlas	axis	vertebrae	scapula	humerus	radius	ulna	carpals	metacarpal	pelvis	femur	tibia	fibula	metatarsal	metapodial	patella	tarsals	calcaneus	astragalus	1st phalanx	2nd phalanx	3rd phalanx	total
cattle	Roman	1	4	3				3	3	1				2	1	1	3		2	2			1				2	29
	Anglo-Scan	34	18	42	1	4	4	95	4	8	4	4	1	4	6	2	5		7	8	1	2	2	3	14	10	10	293
	medieval	1	2	5				48	1		1	1		3					1	2		1		1	1	1		69
	late med	5	8	6			1	4	4	1	5	6	1	2		2	1		3	4			1	2	7	3	4	70
	Post-med	2		12				2			1	1		1		1					1		2	1	1			25
pig	Roman	1								1								1										3
	Anglo-Scan	1	3	11						3		3			3			1	1									26
	medieval		1	1							1	1								1								5
	late med	5	1	5							1	1				1	1	3		1			1		1			21
	Post-med			1					1		1					1				1								5
sheep	Roman	1		1		2	1		2	1	1				1		1						1					12
	Anglo-Scan	7	4	7						5	6		1		2	1	7			3	1		1	1				46
	medieval	1		5							2			1			2			1					2	1		15
	late med	12	19	12	3		1		7	4	7	4		3	2	3	13		2	2		1	9	7	5		116	
	Post-med	1	1	1					1	1	2			1		1	1			2								12

Table 3: Estimation of completeness of fragments per period



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August 2017

Introduction

32 glass objects were excavated at the St Joseph's Convent site in York (5.071 kg), including four complete post-medieval utility bottles and a whole inkwell complete with cork stopper dating to the late nineteenth to early twentieth centuries. With the exception of a single residual Roman vessel sherd, the assemblage dates from the early eighteenth century to the early twentieth century, with a focus on the nineteenth century. All of the identifiable glass is from bottles, although a range of bottle types are present.

Roman glass

Only one sherd of Roman glass was found on the St Joseph's Monastery site: a typical blue-green vessel body fragment with no decoration or other distinguishing features. It was found in C103, the secondary fill of a Roman ditch in Area A, which also contained a Roman brick. However, both appear to be residual in a context that has been provisionally dated to the thirteenth to sixteenth centuries.

Post-medieval glass

The St Joseph's Monastery glass assemblage is dominated by bottles, and particularly typical post-medieval utility bottles that probably contained wine or another alcoholic beverage. The earliest post-medieval bottle fragment dates to the early eighteenth century, although unfortunately it was found in Area A machine-stripping context C84. There are four additional sherds that may fall within the eighteenth century, all from Area A, from C84, C133 (the fill of a ditch) and C173 (machine-stripping). The remainder date largely to the mid-to-late nineteenth century, comprising four whole bottles and eight bottle fragments. It is possible that many were deposited here around the time of the construction of the monastery in 1873-5.

However, a number of other post-medieval bottle types are also represented within the site assemblage, and merit individual discussion. Three fragments from machine-stripping context C198 may all be from early to mid-nineteenth century spirits bottles. Two are amber in colour and so similar that they are likely to be from the same bottle, with the curvature of one in particular suggesting a wide flat face and curved sides. This colour and shape indicate, although not conclusively, the 'tombstone' shape of many nineteenth century bottles for spirits. The third sherd in this context group is a very thin, colourless ovoid base, with the very thin and uneven base suggesting a bottle originally accompanied by a leather cover. This too indicates strong alcohol as the most likely contents. Also from a machine-stripping context (C174) is a deep blue fragment from a late nineteenth century poison bottle, featuring three moulded ridges and parts of

two letters, probably '...ON...'. These bottles usually had either 'POISON' or 'NOT TO BE TAKEN' on the side, and sometimes both. Context C390, a burnt layer in pit 358, contained a blue-green body fragment that is probably from an eighteenth or early nineteenth century case bottle. Case bottles were square in section, could contain virtually any liquid, and were designed for transportation in cases of six, nine or twelve.

As well as a group of olive green utility bottles and fragments thereof, context C530 (the underpinning of a wall) contained a colourless ink bottle complete with cork stopper and two parts of an unusual blue Hamilton torpedo bottle, one the rim and neck and the other the body. The ink bottle features seams showing that it was made using a three-part mould, which dates it to between 1821 and the early twentieth century. The Hamilton torpedo bottle has no lettering or other decoration on it, but the blue colour is relatively unusual (most bottles are blue-green) and bottles of this colour are sought-after by collectors. These bottles are often named for their shape and were used for soda water. They were designed with a pointed base so that they had to be stored on their sides, meaning that the cork was kept wet, thus helping to maintain the required pressure inside the bottle. They are also commonly referred to as Hamilton bottles after their inventor William Francis Hamilton, who was granted patents to produce torpedo-shaped bottles in 1809 and 1814. The form seems to have been particularly popular from c. 1840-1910.

Finally, two joining fragments of a pale green beer bottle were found around the top of a nineteenth century well (C617), one the rim and neck and the other the shoulder, body and base. The body has

“BRETT

YORK”

on both sides, “IMPERIAL ½ PINT” running around the shoulder, and “3228” on the base. As a result, we know that this bottle was produced to contain beer from Brett Brothers City Brewery, which had premises in Church Lane, York.

In the 'Directory of York', 1885, an entry regarding the Brett Brothers describes how

“in 1865 Messrs. Brett Brothers secured a fine spring of water from their artesian well, which has been analysed by the late Dr. Proeter, M.D., F.O.B. With his analysis he says:- 'I have no doubt, from the quantity of Lime Salts, especially the Sulphates, that it is well adapted for brewing purposes”.

The water was tested again in 1881, and in 1882,

"the firm sent a sample of their Pale Ale to be analysed by the Anti-Adulteration Society, and in their March Review, on page 207, they say:- "A short time ago we had the pleasure of speaking in a very satisfactory manner of the way our Yorkshire Brewers manufacture and send out their productions. A sample of beer was recently received by us for analysis, bearing the brand of Messrs. BRETT BROTHERS, of YORK. We are pleased to be able to state that it was in excellent preservation, free from acidity, beautifully bright and clear, in fact what good beer should be. We are always pleased to give credit where credit is due, and, in this case, MESSRS. BRETT BROTHERS, CITY BREWERY, YORK, deserve it."

They were also the 'sole consignees for York and district' of Rittscher & Co. champagnes, and were merchants trading in other German wines, wines, spirits and liqueurs. In 1885 they had premises on Spurriergate as well as on Church Lane.

In the eighteenth and nineteenth centuries, brewing was a vibrant industry and an important part of city life because beer was very popular. Up to the middle of the nineteenth century in particular, beer was consumed very regularly by the majority of adults.

Distribution

By sherd count, 58% of the glass assemblage came from the Plaza and 42% from Area A. By weight, 83% came from the Plaza and thus 17% from Area A. Area A is approximately six times larger than the Plaza, but while the Plaza is on the main street frontage Area A is at the rear of the site. The glass comes from just eleven contexts in total, five in the plaza and six in Area A. The largest context group is from C530 (the underpinning of a wall), which included all five whole bottles, as well as two principal components of the same blue Hamilton torpedo bottle and five other fragments. The largest context group in Area A came from C174 (machine-stripping within Merchant House) and featured five bottle fragments of the mid-to-late nineteenth century, including one from a deep blue poison bottle.

Excluding the single Roman fragment, in Area A one complete jar lid came from the fill of circular post-medieval pit 114 (C113); two joining fragments of utility bottle from the fill of a north-south ditch (C133); and the remainder from machine-stripping contexts (one bottle fragment from machine-stripping within the footings of Allerton House [C173]; five bottle fragments from machine-stripping from within the footings of Merchant House [C174]; and three fragments came from a machine-stripping horizon [C84]).

Within the Plaza area, five complete bottles and seven bottle fragments came from C530, the underpinning of a wall, which also featured a typical nineteenth century domestic pottery assemblage and some residual medieval pottery fragments. The remaining seven glass fragments came from the following contexts: around the top of a nineteenth century well (the two Brett bottle fragments, C617), one from a burnt layer in pit 358 (a case bottle fragment, C390), one from hand cleaning of the west side of the plaza (C426) and three from machine-stripping (C198).

Overall, the majority of contexts containing post-medieval glass are machine-stripping or cleaning layer contexts (six of eleven). Of thirty-one post-medieval glass finds, twelve (39%) are from the underpinning of a wall (C530), an additional six from other stratified contexts (19%), totalling eighteen from stratified contexts (58%) and thirteen (42%) from machine stripping or hand cleaning.

Conclusions

The glass assemblage from St Joseph's Monastery provides some interesting local detail regarding post-medieval bottle use in the area and aspects of activity on the site in the mid-to-late nineteenth century in particular. The variety of post-medieval bottles present is of some interest: in addition to wine, beer and spirits bottles, bottles for mineral water, ink and poison were present. However, almost half were from machine-excavated surface deposits, and almost all were late post-medieval in date. The only exception to this is a single featureless Roman vessel sherd likely to be residual in its context, which represents part of the 'background noise' of Roman archaeology in the area. Overall, the most interesting glass finds from the site are the Roman sherd, the Brett Brothers beer bottle fragments and the C530 context assemblage including its range of complete and near-complete nineteenth century bottles.

Archiving and curation

Potential for further research is low. The assemblage is largely late post-medieval and a significant proportion came from machine-stripping contexts, so it is not considered necessary to retain the majority of the glass. The exceptions are the Roman fragment, the 'Brett Brothers' bottle and neck, and the C530 context assemblage, which includes the blue Hamilton bottle and neck, the complete ink bottle and the three complete utility bottles.

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GLASS CATALOGUE

Context	Colour	Form	Part	No	Height/ Length	Diameter/ width	Weight	Decoration	Date range	Notes
84	Colourless		Body	1	54	31	18	moulded concave oval indents	20th century	Part of two identical moulded concave oval indents visible
84	Deep blue	Utility bottle/decanter	Body	1	46	44	18		late 18th-early 19th century	
84	Olive green	Utility bottle	Body	1	26	41	6		early 18th century	
103	Blue-green		Body	1	30	23	5		c. 100-300	
113	Blue-green		Lid/stopper	1	19	59	76		c. 1850-early 20th c	
133	Olive green	Utility bottle (wine)	Base	1	61	93	307		c. 1780-1820	Large disc pontil scar
133	Olive green	Utility bottle	Body	1	59	23	11		c. 1780-1820	Joins base from the same context
173	Black	Utility bottle	Base	1	57	81	325		c. 1780-1820	Droplet adhering to outer surface; base uneven on the inside
174	Olive green	Utility bottle	Neck and body	1	39	63	40		Mid 19th century	Joins sherd below
174	Olive green	Utility bottle	Neck and body	1	57	49	31		Mid 19th century	Joins sherd above
174	Olive green	Utility bottle	Body	1	38	31	6		19th-20th century	
174	Colourless	Bottle	Body	1	26	17	0.3		19th-20th century	Thin, one flat plane, bends to curve on one edge
174	Deep blue	Bottle	Body	1	27	21	3	Parts of letters O and N and pressed or moulded ridges	late 19th century	Poison bottle, letters probably from either 'POISON' or 'NOT TO BE TAKEN'
198	Amber		Body	1	71	46	23		Early to mid 19th century	Thick and flat with a curved edge, same vessel as below - spirits bottle?
198	Amber		Body	1	61	49	17		Early to mid 19th century	Thick and flat with a curved edge, same vessel as above - spirits bottle?
198	Colourless	Bottle	Base	1	45	35	4		Early to mid 19th century	Unusually thin ovoid base, - spirits bottle?
390	Blue-green	Case bottle	Body	1	49	20	5		?18th century	Mottled on one side, smooth on the other
426	Olive green		Body	1	44	27	10		Post- medieval	Iridescent deposit
530	Blue	Soda bottle (Hamilton?)	Rim/neck	1	58	35	55		c. 1850-1905	Rounded lip; probably from same Hamilton bottle as body found

Context	Colour	Form	Part	No	Height/ Length	Diameter/ width	Weight	Decoration	Date range	Notes
530	Blue	Hamilton soda bottle	Body and base	1	190	72	494		c. 1840-1910	Probably from same Hamilton bottle as rim found; no direct link
530	Olive green	Utility bottle (wine)	Whole	1	300	90	1025		c. 1880-1920	Applied square ring lip; visible vertical seam; deeply indented 'turn mould' base
530	Olive green	Utility bottle	Whole	1	258	75	632		c. 1880-1920	Applied square ring lip; deeply indented 'turn mould' base
530	Olive green	Utility bottle	Whole	1	250	73	636		c. 1880-1920	Applied square ring lip; deeply indented 'turn mould' base
530	Olive green	Utility bottle	Whole	1	c. 250	c. 75	630		c. 1880-1920	Broken into 25 Fragments in transit; Applied square ring lip; deeply indented 'turn mould' base
530	Colourless	Ink bottle	Whole	1	60	43	58		1821-early 20th century	Still sealed with cork stopper; small bubbles; soft seams on shoulder
530	Blue-green	Bottle	Base	1	79	60	103		c. 1820-1920	Ovoid cross-section, seams on each narrow side, laminating
530	Blue-green	Bottle	Shoulder	1	55	56	16		c. 1820-1920	Ovoid bottle with side seam, probably from same bottle as ovoid base
530	Olive green	Utility bottle	Base	1	61	c. 90	62		c. 1880-1920	Fragment of deeply indented 'turn mould' base
530	Olive green	Utility bottle	Body	1	85	37	26		Post-medieval	Heavily laminating potash glass
530	Olive green	Utility bottle	Body	1	27	48	7		Post-medieval	Heavily laminating potash glass
617	Pale green	Utility bottle (beer)	Rim/neck	1	78	30	63		c. 1850-1875	Rounded with tapered rim lip; no join but probably from the 'BRETT YORK' bottle
617	Pale green	Utility bottle (beer)	Body and base	1	128	68	354		c. 1850-1875	'BRETT YORK' on the side, 'Imperial 1/2 pint' around the shoulder, '3228' on the base; seam on each side

September 2017

Introduction

The excavation produced 23 pieces of flint, 18 of these were humanly struck flint. Although relatively small this assemblage produced material from three phases of activity within the prehistoric period. These were an Early Mesolithic phase, Early Neolithic phase and a Late Neolithic/Early Bronze Age phase. The majority of the raw material was Drift flint however there were some differences between the subgroups of this material used in the different phases of activity.

The Early Mesolithic material and Early Neolithic material was recovered from the Plaza Area, while material from the Late Neolithic/Early Bronze Age was found in Area A. All of the flint was recovered from either Area A or the Plaza.

The assemblage is comparable to other assemblages from the York area in terms of raw material, chronology and assemblage composition. However there is a narrower range of tool types, possibly due to this being a relatively small assemblage.

In addition to this report a full catalogue was produced of the flint from the site.

Methodology

Raw material

For the raw material types I have followed the groups set out by Preston (2012). Raw material attributes were based upon the methodology used by Conneller (1999). For each piece raw material translucency, texture, lustre and inclusions were recorded.

Typology

In analysing the typological and technological characteristics of the lithic material I have followed definitions outlined by Preston (2012) & Butler (2005).

Technology

For each piece information was recorded on blank type, blank integrity, tool type, tool integrity, dimensions, dorsal scar pattern, cortex type, termination type, platform type, hammer type, use wear and raw material attributes

Results

Raw material

The raw material recovered from this site consists of Drift flint (n=18, 78%), White flint (n=2, 8%), non shiny black chert (n=1, 4%), blue grey flint (n=1, 4%) and a piece of non flint.

Drift flint

The majority of the lithics were manufactured using Drift flint also known as Till flint (Makey 2006) or speckled flint (Conneller 1999) by some researchers. Light grey is the principal colour (n=12, 66%) however reddish brown, dark brown and dark grey flint has been recorded during the analysis. The flint was mainly translucent (n=14, 77%) with a medium texture (n=15, 83%) and a medium lustre (n=16, 88%). One piece had a fine texture and there were two pieces with a coarse texture. The material with an opaque translucency and coarse texture was from naturally fractured flint that had been heavily abraded. This perhaps indicates that it has been transported into the area by local rivers or streams. The flint contained inclusions of specks (n=14, 93%), spots (n=9, 60%) dashes and streaks (n=4, 26%).

Three of the lithics have a light grey/white patina; this is probably caused by staining of the flint.

During the raw material analysis it was noted that there was 5 subgroups of Drift flint that could represent distinct sources or perhaps individual nodules of flint. These may be useful in separating different phases within the assemblage.

These are:

Subgroup 1 – Dark grey with olive hue (n=3, 16%)

Subgroup 2 – Mid grey with olive hue (n=2, 11%)

Subgroup 3 – Light grey (n=4, 22%)

Subgroup 4 - Orange brown (n=1, 5%)

Subgroup 5 – Dark grey with reddish hue, fine texture (n=1, 5%)

Subgroup 6 – Light grey/white patina (n=3, 16%)

The source of this flint is considered to be the Holderness till of East Yorkshire and Durham, containing flint eroded by glacial action from Cretaceous deposits exposed on the then dry North Sea floor, off the East coast of Northern England. A second possible source has been proposed of the red chalk found just north of Flamborough head. However the glacial action that caused the formation of these deposits may have also scattered nodules as glacial erratics (Conneller 1999).

Henson (1982) has noted that although this flint is formed within chalk, it is not native to Yorkshire and derived from a secondary source, found within the boulder clays and till deposited by glacial action in the Devensian period. The heterogeneous nature of this raw material and its variety of colours and hues is probably due to its secondary source origin.

An origin within the northern part of the Vale of York, known as the Vale of Mowbray, has been suggested (Manby 1979) within the glacial till. These deposits are also present to the south east and north east of York within the Vale of York (BGS website – accessed 23/08/17). It is also possible that nodules of this flint could have been eroded from the till and deposited in the local gravels and sands. The naturally fractured heavily abraded flint recovered from St Joseph's may indicate that some of the poorer quality raw material was available locally.

White Flint

This flint was found to be mainly white or light grey in colour, opaque, medium (n=2, 100%) and dull (n=2, 100%) in lustre, with a coarse (n=2, 100%) texture. Inclusions included specks, pinholes and flaws.

White flint is also known as Wolds flint by some researchers (Conneller 1999), and has its origin within the chalk of the Yorkshire and Lincolnshire Wolds.

Non Shiny Black Chert

A single piece of this raw material was recovered from the site. This was dark grey in colour, opaque, dull in lustre and with a coarse texture.

Black chert originates from the limestone areas of Derbyshire, northern and southern Pennines and Flintshire (Hind 1998, Evans et al 2007).

Blue/grey Flint

A single piece of this raw material was recovered. It is blue grey in colour, translucent, medium in lustre, with a medium texture. The flint is naturally fractured and heavily abraded, possibly suggesting it has been transported within rivers or streams. The source is unknown however it may originate from local gravel and sands within the York area.

Typology

The assemblage consists of n=18 pieces of worked flint, of these n=7 (40%) are formal tools, n=10 (55%) are debitage and n=1 (5%) core. A summary of the assemblage composition is shown in Table 2 & 3.

Tools

The scrapers

There are three scrapers present in the assemblage.

Flint No 1 is an end scraper known as a thumbnail scraper. This is a distinctive type dating to the Early Bronze Age. It is manufactured from Drift flint Subgroup 4. It was recovered from context (69) fill of furrow cut [70].

An end scraper (Flint No 7) manufactured on a blade was found within context (198) a layer removed during machine stripping of the Plaza area. The piece is made of Drift flint and Subgroup 6. It has distinctive abrupt retouch forming a straight edge on its distal end. The platform type is a prepared spur platform and appears to have been struck with a soft hammer. Scars on the dorsal surface suggest that it was detached from a core worked from two opposed platforms. The characteristics of this tool are consistent with a Mesolithic date.

The third scraper (Flint No 14) was recovered from context (394) a primary fill of large pit [395]. This is an end scraper with very abrupt retouch on its distal end. On the dorsal surface there are the remains of a hinge fracture removal. The hammer type appears to be a hard hammer. The flake is very squat with prominent ripples on the ventral and dorsal surface, it may be that this was flaked using the bipolar technique. The raw material type is Drift flint of Subgroup 1. The tool probably dates to the Neolithic period.

The Knives

A flint knife (Flint No 11) was recovered from the primary fill (299) of a large circular pit [236]. This knife is asymmetric with semi invasive retouch on the left side and abrupt retouch on the right margin. Some cortex survives on the right straighter side of the tool. The retouch forms a rounded distal end and there is marginal retouch present on the ventral surface at the tip. A notch was made in the proximal end of the tool, possibly to aid hafting of the knife. It could be this

piece was turned into a knife during the failed manufacture of a leaf shaped arrowhead. The raw material is Drift flint of Subgroup 1. This tool probably dates to the Early Neolithic.

The second flint knife (Flint No 13) was found within context (389) the primary fill of pit/slot [370]. This knife is a symmetric pointed knife with semi invasive retouch along the left side and denticulate retouch or use wear present on the right edge. The bulb is still present and appears to have been struck by a soft hammer. It is manufactured in Drift flint of subgroup 2. This likely dates from the Early Neolithic period.

Combination tools

A combination side scraper and burin (Flint No 12) was recovered from context (381) a secondary fill of pit [344]. This tool has marginal retouch along the right margin forming a scraper, and a burin spall has been removed from the distal end to form a straight burin edge. The tool has been manufactured on Drift flint of Subgroup 2. This probably dates from the Neolithic period

Non-formal retouched tools

A blade with retouch along the left hand edge (Flint No 23) was recovered from context (510) fill of east wheel rut cut [509]. This was manufactured on a medial fragment of a large blade. It was manufactured on Drift flint of Subgroup 3. The tool is likely to date from the Mesolithic or Early Neolithic period.

Debitage

There were a total of n=10 (55% of the struck flint assemblage) pieces ofdebitage recovered from the site. Thedebitage consist of n= 8 primarydebitage, n=1 angular shatter/chunk and n=1 microlithdebitage.

Primarydebitage

Only n=3 (37%) of the primarydebitage consists of complete pieces, with the rest consisting of distal (n=2), medial (n=1) and proximal (n=2). The majority of the pieces are flakes (n=6, 75% of primarydebitage), with n=1 blade and n=1 bladelet present. The raw material present within the primarydebitage is Drift flint (n=6, 75% of primarydebitage), White flint (n=1) and Non shiny black chert (n=1).

Angular shatter/chunk

There is a single piece of shatter of a Drift flint nodule with cortex still present.

Microlith manufacture debitage

Recovered from context (426), a layer removed by hand cleaning the west side of the Plaza, was a piece of microlith debitage (Flint No 17). This was manufactured on a bladelet blank on Drift flint of Subgroup 3. The bulb had been removed not by the classic microburin technique but by the snap and notch technique. Retouch had then been applied on both the left and right edges at the distal end, probably to form an oblique microlith. During the process of retouching the microlith it appears that the tip was accidentally broken forming a burin like scar on the distal end. This type of microlith debitage is known as a Krukowski point. The width of the piece is consistent with a broad blade microlith diagnostic of the Early Mesolithic period.

Cores

A single core (Flint No 5) was recovered from the site within context (181) the upper fill of an Iron Age ditch [182]. The core is a multidirectional discoidal core manufactured on Drift flint of Subgroup 5. This core is of a type consistent with a Late Neolithic or Early Bronze Age date.

Technology

Stage of production

The amount of cortex present on lithic pieces can indicate the stage at which cores were transported onto site (Andrefsky 2005:103). At St Joseph's none of the material comes from the primary (initial) stages of core preparation, n=9 pieces come from the secondary stage (contains less than 50% cortex) and n=9 pieces come from the tertiary stage (no cortex present). This would strongly indicate that cores were transported onto site having already been substantially prepared/reduced.

Core and tool ratio

The site only produced a single core, a fairly rough discoidal core. This lack of cores may be due to the small size of the assemblage. However despite this it may indicate that cores were not generally being discarded within the site. It is difficult to differentiate between two hypotheses to explain the lack of cores. Either cores were not being transported onto site, as raw material was transported in the form of blanks or tools. Alternatively it could be that all cores were taken when a group left the site.

The assemblage has a high proportion of tools (40%), suggesting that tool use was a significant activity at the site. The lack of debitage may be due to the residual nature of the material, and that it does not come from an intact knapping area.

Spatial analysis

The flint assemblage is likely the result of residual material within later contexts. The flints are likely to have been disturbed from their original position by later activity. In broad terms the assemblage was recovered from the Plaza Area (n=17, 74%) and Area A (n=6, 26%).

The material is dispersed between a total of 19 contexts, and only three contexts produced more than a single piece (contexts 253, 426 & 446). Of these only context (426) produced more than one piece of *anthropogenic struck* flint.

Discussion

The flint assemblage from St Joseph's Convent is a multi period assemblage, representative of repeated visits throughout the prehistoric period. It was possible to suggest the following phasing of the assemblage.

Phasing

Early Mesolithic

The earliest part of the assemblage appears to date from the Early Mesolithic period consisting of n=4 pieces. This includes a microlith debitage (Flint No 17), end scraper made on blade (Flint No 7), retouched blade (Flint No 23) and bladelet (Flint No 8). These are characteristically manufactured on blade/bladelet blanks. They are all manufactured on Drift flint of Subgroups 3 & 6, light grey flint and flint with a white patina. All of these were recovered from the Plaza area of the site.

Early Neolithic

N= 5 pieces appear to have been of an Early Neolithic date. This includes two knives, a scraper, and a combination tool. They are characterised by being manufactured on flake blanks. Again they are all manufactured of Drift flint. There are two distinct Subgroups, firstly group 1 a dark grey with olive hue and Subgroup 2 mid grey with olive hue, both are of fairly high quality. These could represent two distinct sources of flint or even that they represent just two different nodules of material. The variable nature of Drift flint (see above) suggests that the higher quality raw material was deliberately selected for manufacture of tools. As with the Mesolithic material these were all recovered from the Plaza Area.

Late Neolithic/Early Bronze Age

There are n=2 artefacts from a later period. This includes a discoidal core of Late Neolithic or Early Bronze Age date and a thumbnail scraper of Early Bronze Age date. Raw material was again of Drift flint and of relative high quality; however it was distinct from the subgroups used in the earlier period. The core was manufactured in Subgroup 5 and the scraper in Subgroup 4. Both of these were recovered from Area A.

A Comparison with York Sites

A comparison with lithic assemblages from the York area was carried out with the sites of Heslington (Makey 2007) and Hungate (Makey 2006) (Table 1).

Site	No of Lithics	No of Natural	No of Tools	No of Cores	No of Debitage
Heslington	157	59	58	8	91
Hungate	51	8	11	6	34
St Joseph's Convent	18	5	7	1	10

Table 1: Comparisons with sites in York

Raw material

On all three sites the principal raw material is Drift flint also known as Till flint. This flint appears to derive from till deposits on the east coast. However it has been noted at both Hungate & Heslington by Makey (2006, 2007) that some of the material may have been more local in origin. It has also been noted that similar to St Joseph's, higher quality raw material was selected for tool manufacture.

At Heslington only 6-8% of pieces come from the primary (initial) stage of core reduction, with over 50% of material having no cortex present. This is comparable with the assemblage at St Joseph's with 50% of the material having no cortex present.

Assemblage composition

The proportion of tools within the assemblage is comparable between St Joseph's (40% of total assemblage) and Heslington (36% of total assemblage). At Hungate the proportion of tools is lower (21% of total assemblage).

At Heslington and St Joseph's cores make up only 5% of the total assemblage. At Hungate cores make up 11% of the total assemblage.

The composition of the assemblages is similar between all three sites, and in particular Heslington and St Joseph's are very similar.

In terms of the range of retouched pieces, there is a greater range present at Hungate and Heslington. These include arrowheads, piercers and fabricators. In addition a wider range of debitage types are present such as core rejuvenation pieces. This may in part be due to the much smaller size of the St Joseph's assemblage skewing the results.

Chronology

At Heslington 5 phases of occupation were recorded from Early Mesolithic to the Early Bronze Age. At Hungate two phases of material are present an Early Neolithic and a Late Neolithic phase. Three phases were suggested at St Joseph's an Early Mesolithic phase, Early Neolithic phase and a Late Neolithic/Early Bronze Age phase.

At Both Heslington and St Joseph's the Early Mesolithic contains material with a white or cream patina. This may indicate a shared source for this material. Only St Joseph's of the three assemblages contains evidence for microliths.

Future Research & Recommendations

The raw material of the York area is currently poorly understood. Further research should focus on clarifying the origin of the Drift flint found within the assemblages in York. These have been assumed to originate from the glacial till deposits of the east coast. However as discussed above there are similar deposits present within the Vale of York. Therefore geochemical analysis of material from possible sources and a comparison with lithic material from York would be useful. This would help to clarify the choices made by prehistoric people in the York area regarding the transportation of cores, tools and blanks.

It is recommended that all of the worked pieces be retained. The assemblage could form part of a wider study of lithics from the York area, including smaller assemblages and stray finds. The comparison above with two sites from York has already suggested some significant similarities in terms of assemblage composition and raw material use. As suggested above a study of the raw material utilised in the York area would be useful and this assemblage could also be used within this research.

Tool type	Count of Tool type
combination tool	1
knife	2
non formal retouched	1
scraper	3
Grand Total	7

Debitage type	Count of Debitage
angular shatter/chunk	1
core	1
microlith debitage	1
primary debitage	8
Grand Total	11

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LITHICS CATALOGUE

UID	Area	Context	Blank Type	Blank Integrity	Class	Tool type	Sub type	Tool Integrity	Length (mm)	Width (mm)	Depth (mm)	Termination Type
1	Area A	69	flake	proximal fragment	macrolith	scraper	end	complete	24	17	5	retouched
2	Area A	84	flake	complete	primary debitage				24	17	5	feather
3	Area A	103	flake	complete	primary debitage				45	30	11	feather
4	Area A	113	natural						32	26	20	
5	Area A	181	core		core		discoidal	complete	36	26	12	
6	Area A	189	bladelet	distal fragment	primary debitage				18	8	5	feather
7	Plaza	198	blade	complete	macrolith	scraper	end	complete	71	26	7	feather
8	Plaza	209	blade	proximal fragment	primary debitage				33	11	4	truncated
9	Plaza	253			angular shatter/chunk				37	41	20	
10	Plaza	253	natural						44	22	6	
11	Plaza	299	flake	complete	macrolith	knife	asymmetric semi invasive	complete	31	18	7	truncated
12	Plaza	381	flake	proximal fragment	macrolith	combination tool	side scraper and burin	complete	29	26	10	burinated
13	Plaza	389	blade	complete	macrolith	knife	symmetric pointed	complete	41	17	6	feather
14	Plaza	394	flake	complete	macrolith	scraper	end	complete	29	20	8	truncated
15	Plaza	399	flake	distal fragment	primary debitage				31	18	7	feather
16	Plaza	422	flake	complete	primary debitage				36	25	6	feather
17	Plaza	426	bladelet		microlith debitage		Krukowski point?		20	9	4	feather
18	Plaza	426	flake	proximal fragment	primary debitage				16	21	3	
19	Plaza	426	flake	medial fragment	primary debitage				22	16	4	
20	Plaza	446	natural									
21	Plaza	446	natural						17	17	17	
22	Plaza	476	natural						39	17	12	
23	Plaza	510	blade	medial fragment	macrolith	non formal retouched tool	backed blade	complete	36	18	8	

UID	Area	Context	DSP	Platform Type	Hammer Type	Cortex Group	Colour	Patina
1	Area A	69	unidirectional	cortical		secondary	reddish brown	
2	Area A	84	unidirectional	facetted	s	secondary	dark brownish grey with olive tinge near edges	
3	Area A	103	bidirectional change of orientation	plain	h	tertiary	light grey/white	
4	Area A	113					blue grey	
5	Area A	181	multidirectional	abraded	h	secondary	dark grey with orangey edges	
6	Area A	189		facetted		tertiary	dark grey	
7	Plaza	198	bidirectional	plain		tertiary	light grey	light grey
8	Plaza	209	bidirectional	abraded	s	tertiary	light grey	white
9	Plaza	253				secondary	light grey	
10	Plaza	253					white	
11	Plaza	299		abaded	s	secondary	dark grey with olive tinge	
12	Plaza	381	unidirectional	abraded	h	secondary	light grey	
13	Plaza	389		abraded	s	tertiary	light grey	
14	Plaza	394	passive multidirectional change of orientation	plain	h	secondary	dark grey with olive tinge	
15	Plaza	399	active bidirectional change of orientation			tertiary	light grey	white/cream
16	Plaza	422	unidirectional	plain		secondary	blue grey	
17	Plaza	426	unidirectional	plain	s	tertiary	light grey	
18	Plaza	426	unidirectional	abraded		secondary	light grey	
19	Plaza	426				tertiary	light grey	
20	Plaza	446						
21	Plaza	446					light grey	
22	Plaza	476					light grey	
23	Plaza	510	bidirectional			tertiary	light grey	

UID	Area	Context	Translucency	Lustre	Texture	Inclusions	RM Notes	Raw Material Type	RM Subgroup	Use Wear	notes	Date
1	Area A	69	translucent	medium	medium	specks,spots,streaks		drift flint	4	y	no bulb of percussion , humbnail scraper	EBA
2	Area A	84	translucent	medium	medium	specks,spots	grey white powdery cortex, similar rm to flint 11 and 14	drift flint	1	y		undated EN?
3	Area A	103	opaque	dull	coarse	pinholes, flaws, specks	some reddish staining 2mm wide, surface of flint seems abraded, water rolled?	white flint				undated
4	Area A	113	translucent	medium	medium	spots	heavily abraded, water rolled?	blue grey flint			natural fractured flint	
5	Area A	181	translucent	shiny	fine	specks, streaks	fresh looking, yellowy white creamy cortex	drift flint	5		multi directional crude core	LN/EBA
6	Area A	189	opaque	dull	coarse	white spots		non shiny black chert		y	poor raw material	undated LM?
7	Plaza	198	opaque	medium	medium	cream spots and specks, larger coarse spots 20mm		drift flint	6	y	very straight retouch or use on distal end	possibly meso
8	Plaza	209	translucent	medium	medium	specks,orange staining spot 1mm		drift flint	6	y	denticulate sawing use wear on edges	M/EN
9	Plaza	253	translucent	medium	medium	white spots and specks		drift flint	3		shatter	undated
10	Plaza	253	opaque	dull	coarse	specks	heavily abraded	white flint			natural fractured flint	
11	Plaza	299	translucent	medium	medium	cream specks and spots, similar rm to flint 2 and 14	grey cortex. Very similar to rm of flint 2 and 15 could be same nodule	drift flint	1	y	small d shaped knife, abrupt retouch on straight edge and some cortex remains, invasive retouch on rounded edge. Could be a leaf arow head turned into a knife. Notch at proximal end could be for hafting?	EN
12	Plaza	381	translucent	medium	medium	white specks and spots	grey cortex . Very similar raw material to13 same nodule?	drift flint	2	y	burin struck on distal end of flake, sraper onright margin	Neo
13	Plaza	389	translucent	medium	medium	white specks and spots	very similar rm to flint 12 same nodule?	drift flint	2	y	backed on left lateral margin with use wear and denticulate edge on opposite margin, soft hammer struck	EN
14	Plaza	394	translucent	medium	medium	ornage specks and spots	very similar rm to flint 11 and 2	drift flint	1	y	large step fracture on dorsal surface, straight abrupt retouch on distal end,	Neo

UID	Area	Context	Translucency	Lustre	Texture	Inclusions	RM Notes	Raw Material Type	RM Subgroup	Use Wear	notes	Date
											bipolar reduction?	
15	Plaza	399	opaque	medium	medium	specks, pinholes		drift flint	6	y		undated
16	Plaza	422	translucent	medium	medium	specks, dashes	grey white cortex	drift flint				undated
17	Plaza	426	translucent	medium	medium	white specks and spots	similar to rm from flint 19	drift flint	3		breakage on tip formed during retouching of distal end, bulb removed by notch and snap technique?	EM
18	Plaza	426	translucent	medium	medium	white specks and spots	similar rm to flint 12 and 13 same nodule?	drift flint				undated
19	Plaza	426	translucent	medium	medium	dark blue specks	similar to rm of flint 17	drift flint	3			
20	Plaza	446						not sure if flint				
21	Plaza	446	opaque	medium	coarse			drift flint			looks river rolled	
22	Plaza	476	opaque	dull	coarse	white specks		drift flint			natural fractured flint, very abraded water worn?	
23	Plaza	510	translucent	medium	medium	white specks and streak, white spots	rm more similar to flint 17 although probably not from same nodule	drift flint	3	y		

York Archaeological Trust

YAT project number 5990, YAT Report number 2017/75, July 2017

The ceramic building material

Introduction

This assessment relates to 125.981kg (1290 sherds) of ceramic building material (CBM) recovered from the archaeological excavations at St Joseph's Convent, Lawrence Street, York, undertaken by LS Archaeology. The assessment was by J.M. McComish of York Archaeological Trust (YAT). The CBM ranged in date from Roman to modern, though the overwhelming bulk of the collection was roofing tile of 13-16th century date.

METHODOLOGY

The collection was recorded to a standard YAT methodology (McComish 2015) whereby each sherd is individually recorded on a pro-forma sheet which details the project code, the context number, the weight in grams, the fabric type, the surviving complete dimensions (length, width, thickness, flange height) and any other relevant information (surface marks, glazes, unusual features etc.). A question mark is placed after the form name or date if the identification is uncertain, for example 'Imbrex?' or '13-16th?', while the form of non-standardised sherds is listed as 'Other'. The fabric is determined by comparing the sherd to a York fabric reference collection held by YAT. The resultant data is stored on YATs internal computer system (which is backed up daily to prevent data loss) under the project code 5990.

Forms and fabrics

The various forms present are summarised by historical period on Table 1, while a summary of the forms present in relation to context, together with the date, is given on Table 2.

Roman

The Roman tiles accounted for 6% of the total volume of CBM from the site. The forms present included roof tiles (tegulae and imbrices), flue tiles and one sherd of unusual form termed 'Other', but the majority of the fragments were of indeterminate form (termed Roman brick). The Roman material was all highly abraded and fragmented.

The seven sherds of imbrex present were between 16-29mm thick, which falls within the range previously recorded in York of 10-35mm (McComish 2012, 132). All the imbrices were in fabric R11. The six sherds of tegulae present were particularly badly fragmented; four were small portions of flanges which had broken off the main body of the tile, while the remaining two were parts of the main body where the flanges had broken off. The body sherds were 22mm and 25mm in thickness respectively, falling well within the range recorded for tegulae in York of 11-50mm (McComish 2012, 132). Four of the tegulae were in fabric R11 and two were in fabric R9.

Two box flue tile sherds were present; such tiles were designed to allow heat from a hypocaust to permeate through the walls. Box flues are shaped like a box with no base or lid, and typically have two opposing plain sides pierced by vents and two opposing keyed sides. One keyed side would have been attached to the interior elevation of a wall, while the second keyed side would be plastered over to form the internal surface of a heated room. The two box flue sherds from the site each had part of a comb-keyed side and the scar of a second side present, and they were so similar that they may have been from a single tile originally. The combing comprised a vertical and diagonal set of combed lines on one sherd, while on the second sherd only a diagonal comb pattern was present. The flue tiles were 13mm and 19mm thick respectively, falling within the range previously recorded in York of 10-36mm (McComish 2012, 132) and both were in fabric R11.

A single sherd of brick, 32mm thick, was present with combed keying on the upper bed. The keying formed an oval pattern and had been done with a comb 15mm wide, with 6 teeth. Too little of the brick was present to determine its original form (bessalis, parietalis, pedalis or sesquipedalis). This item was in fabric R11.

There were 93 sherds of Roman CBM of indeterminate form, termed Roman brick, six of which were so small even their identification as Roman is tentative. Virtually all of these sherds were abraded or very abraded. One sherd had wire marks on the base; the bricks/tiles were made on a sanded workbench, and in some cases a wire was used to separate the tile from the bench after moulding. Four sherds had reduced cores caused by the exclusion of oxygen during part of the firing process. One sherd with a reduced core had been reused as a counter. The Roman brick sherds were in fabrics R1, R9, R10 and R11 all of which are common in York though the majority were in fabric R11. Fabrics R9 and R11 being the two most dominant fabrics in the city in the Roman period.

Medieval

Medieval CBM accounted for 91% of the total volume of CBM from the site. The forms present included roofing tiles of late 11th to early 13th century date (flange), roofing tiles of 13-16th century date (crested, hip, nib, peg, plain and ridge), and bricks of 14-16th century date including one of unusual form termed 'Other'.

A single sherd of flange tile was present; these tiles imitated earlier Roman tegulae, but were much smaller. The example seen here was in fabric M69, which is often used for such tiles in York, and it was 18mm thick with a flange 30mm thick; these dimensions are typical for York.

The overwhelming bulk of the sherds from the site (987 examples) were plain roofing tile of 13-16th century date. The term plain tile is used where a sherd is too badly broken to determine the method by which it was fixed to the roof, and such sherds could have been parts of either nib or peg tiles originally, but the majority were probably from peg tiles, as this was by far the commonest form of medieval roofing tile in York. The plain tiles ranged from 10-22mm in thickness, which broadly matches the range seen elsewhere in York (Betts 1985, 459), though eleven sherds at 10-11mm thick were thinner than normal. The majority of the sherds were 13-15mm thick which is typical for York as a whole.

Numerous features relating to manufacture were present on the plain tiles. Roof tiles were typically wiped down while in the mould, to increase the surface tension making them more waterproof. Evidence of this was seen on numerous fragments from the site; 244 sherds had smoothing lines parallel to one edge, 12 sherds had smoothing lines parallel to two edges, eight sherds had smoothing lines in random directions and one sherd had smoothing lines diagonal to the edge of the tile. After the tile was removed from the mould (former) the edges of the mould were sometimes used to tap down the sides of the tile, resulting in an indentation parallel to the edge of the tile; 26 sherds from the site had these indented borders. Three tiles had slightly uneven upper surfaces showing careless manufacture. One tile had accidental scratches on the upper surface, and another had a thumb print on the top resultant from the wet tile being lifted off the workbench and laid to dry. At least two of the tiles were laid on the ground to dry prior to firing as they had part of a chicken's footprint, and a dog's paw print respectively, on the upper surface. Twig impressions on the upper surface of one tile also probably indicate that it was laid on the ground to dry. One sherd had marks that could have represented either a thumb print or part of a paw print. Seventy-one of the tiles had reduced cores, while eight were over-fired and either blown or warped. One further tile had blown on the surface adjacent to a limestone inclusion within the fabric of the tile.

Some plain tiles showed features relating to their use, with three having mortar indicative of being re-used in walling, three having been cut to a circular shape for re-use as lids or counters, and six being heavily sooted suggesting use in a hearth at some stage. A single tile had part of an iron nail adhering to the upper surface, but this had clearly happened accidentally following deposition within the ground. Twenty-seven of the plain tiles were highly abraded.

A single sherd of possible nib tile was present, which had a nib pulled over from the back to the front of the tile. The nib would have hooked over the laths within a roof. This tile was 16mm thick.

There were 64 sherds of peg tile, where a wooden peg or nail was used to fix the tile to the laths. The peg tiles were 12-18mm in thickness, but typically 13-15mm thick, matching the pattern seen elsewhere in York (Betts 1985, 459). One of the peg holes was circular, 10 were diamond shaped and 53 were square. The peg holes ranged from

6-17mm in size, with the smaller examples almost certainly being to accommodate nails rather than wooden pegs. All three shapes of peg hole are seen across York, but square peg holes are usually dominant. In eight cases the handle of the hole-punch had left an indentation around the peg hole.

Smoothing lines formed the most commonly occurring feature relating to manufacture seen on the peg tiles, with 6 tiles smoothed parallel to the top edge of the tile, 17 smoothed parallel to the long side of the tile, one smoothed parallel to both the upper edge and side, two smoothed parallel to the top edge and then parallel to the side, and three smoothed parallel to the side and then parallel to the top edge. A single example of a possible tally mark was present in the form of a diagonal line adjacent to the peg hole. Five sherds had indented borders, and 4 sherds were either uneven or rough on the upper surface showing careless manufacture. One sherd had a reduced core, while three sherds were over-fired and blown, and one tile had blown on the surface adjacent to a limestone inclusion within the fabric. Two sherds of peg tile were abraded.

Two sherds of hip tile were present, which were 16mm and 18mm thick respectively. One had a nail-hole 6mm in size, but the other was insufficiently preserved to determine the size of the nail hole. Such tiles are always relatively rare finds, as few tiles of this type would have been needed on any given hipped roof.

The 17 sherds of ridge tile at the site ranged in thickness from 12-20mm, and three had reduced cores. Two sherds of crested ridge tile were present, and in both cases the crest was in the form of an inverse trapezoidal shape, a design commonly seen across York. Neither crest was fully preserved, but they were both knife cut, probably around 95mm long originally, and 17mm and 20mm high respectively, and were both in fabric M1. These two sherds are so similar that they could have originated from a single tile.

The roofing tiles as a whole were in fabrics M1-4, M9, M11, M13, M18, M27-8, M34, M42, M44, M53-4, M59-60, M64 and M69. Collections of roof tile from excavations in York typically exhibit a wide range of fabrics, as seen here, and all of the fabrics from St Joseph's have been recorded in York before. The commonest fabrics at the site were M1, M2 and M4, which are the dominant fabrics in York as a whole.

The medieval bricks (57 sherds) were all made in sanded moulds, as was typical for the medieval period in York (Betts 1985, 453). The bricks ranged from 123-145mm in breadth and 28-47mm in thickness. While the thicknesses conform to previously recorded examples from York, the two examples at 145mm broad are slightly wider than the normal range for York, which is 114-142mm (Betts 1985, 455-7). The bricks were in fabrics M23, M25, M26, M31, M37 and M70, all of which commonly occur within York. A single sherd of brick was of unusual form and was termed 'Other'; this brick tapered in cross-section and may have been a voussoir. It also seems to have been pierced by a firing hole, and had knife trimming on one arris.

As the same fabrics were in use for brick manufacture in York in the medieval and post-medieval periods, the only way to determine the date of a sherd is either by the thickness (which increases over time) or by the use of a sanded mould (medieval) as opposed to a wetted slop mould (post-medieval). There were 34 sherds of brick at the site with no edges or thicknesses surviving, and these sherds could therefore be of either medieval or post-medieval date. They have been tentatively classed as medieval, given that most of the clearly identifiable bricks from the site are of that date.

Post-Medieval and Modern

The post-medieval and modern CBM accounted for 3% of the total volume of tile from the site. There were six fragments of 16-18th century brick, all of which were slop moulded, whereby the brick mould is wetted before use to prevent the clay from sticking during manufacture. These bricks ranged in thickness from 42-50mm, which is typical for York as a whole (Betts 1985, 454), but no other dimensions survived. One of the bricks had a reduced core. These bricks were in fabrics M23, M30, M37 and M47, all of which are commonly seen within York.

A further three slop moulded brick fragments were present, where no original dimensions survived; these have been classed as probably post-medieval, but could potentially be as late as the mid-19th century. These three bricks were in fabrics M26 and M47 (2 examples), which are typical for York as a whole.

Four sherds of pan tile were present and these can be of any date from the 17th century to the present. A single sherd of machine made brick of mid-19th century or later date was present; this was pierced by a circular hole designed to make the brick fire evenly and quickly whilst in the brick-kiln. A small fragment of machine made sewer pipe, also of mid-19th century or later date, was recovered. This had interior and exterior brown glaze on a cream fabric. Neither of the machine made sherds was sufficiently large for a makers mark to be present, so their point of manufacture is unknown.

Spatial distribution

A comparison of the volumes of material seen in the various areas of excavation at the site (Table 3) clearly shows the Plaza area, which is located close to Lawrence Street, yielded by far the greatest volume of CBM, which is hardly surprising given that activity from Roman times onwards would have been concentrated adjacent to the road.

It is clear that Roman CBM is present across the entire area of the site, but in small quantities. The volume of Roman CBM recovered is not suggestive of intensive occupation, but rather of the occasional disposal of waste, giving rise to what could be termed a 'background noise' of Roman CBM. This fits with the pattern of occupation seen at the St Joseph's site, with a scatter of Roman features including ditches and gullies lying to the south of the major Roman road beneath Lawrence Street, but no evidence of intense settlement (McComish and Milsted 2013, 43; RCHM 1961, 2).

The large volume of medieval material at the site is indicative of greater activity in the area, reflecting the growth of the medieval suburbs along Lawrence Street from the 12th century onwards (McComish and Milsted 2013, 6). The relative lack of medieval brick reflects the fact that at this stage brick was largely used on higher status buildings, which are not known in this area at this time, or for chimney breasts on smaller houses. In contrast, the volume of roof tile at the site clearly shows that some of the domestic buildings in the area were roofed in tile, as opposed to thatch in the medieval period.

One medieval pit at the site (cut 578, backfill 577) yielded a large quantity of CBM comprising 347 sherds of roof tile and brick collectively weighing 64.63kg. This material dated to the 14-16th century, but this date can be refined by the evidence from the three sherds of pottery within the feature, which suggest a 14-15th century date. Examination of the site photograph of the feature (Plate 1) suggest that this material was dumped into a pit, as opposed to being laid in regular courses, as might be expected with a foundation or base for a structure of some kind. The photograph implies that this feature was either a simple rubbish pit, excavated to dispose of the CBM, or possibly that the feature was designed as a soak-away.



Plate 1 Cut 578 and backfill 577

This area of York is known to have been badly damaged during the siege of York in the English Civil War, with the nearby St Nicholas' church being left ruinous after the siege (Ottaway 2012, 13). The suburb seems to have declined after the Civil War, being depicted as devoid of buildings (with the exception of St Lawrence's and St Nicholas' churches) on Benedict Horsley's map of York dating to 1685. The relative lack of post-medieval CBM at the site would seem to reflect the known history of the area.

The construction of the monastery in 1873-5 and its continued use as a closed order until 2016 ensured that the area was kept relatively free of modern CBM.

Conclusion and recommendations

The collection of CBM was for the most part typical for York as a whole in terms of the forms, fabrics and dimensions present, the only sherds of note being a Roman brick with keying and an unusually shaped medieval brick. Furthermore, the collection of CBM was of relatively poor quality overall, with much of the Roman material being highly abraded, and the medieval material being badly broken. The degree of fragmentation is indicated by the fact that no original length and only ten original breadth measurements survived.

This collection of CBM is mainly of use to provide dating evidence for the various contexts seen, and it offers little potential for further research in its own right, though it could contribute to any city-wide synthetic study into CBM. No further research is therefore recommended. None of the material was worthy of museum display.

If a publication is envisaged for this site, the CBM assessment text could be adapted to form a publication report, accompanied by photographic illustrations of a few of the sherds.

Retention/discard

For excavations within the City of York, YAT routinely adopts a record and discard policy, whereby only a representative selection of CBM from each site is retained. LS Archaeology confirmed that such a recording method could be used for the site, and as a result 44 sherds, collectively weighing 12235g, and representing 10% of the original volume were retained.

Table 2. CBM by form in relation to period

Period	Form	No. of sherds	Weight in grams	% of total weight
Roman	Brick	93	5854	4.65
	Flue	2	150	0.12
	Imbrex	7	500	0.40
	Other	1	425	0.34
	Tegula	6	640	0.51
Medieval	Brick	91	23930	18.99
	Crested	2	175	0.14
	Flange	1	175	0.14
	Hip	2	325	0.26
	Nib	1	100	0.08
	Other	1	575	0.46
	Peg	64	11585	10.37
	Plain	987	76072	59.21
	Ridge	17	1705	1.35
Post-medieval	Brick	9	2485	1.97
	Pan	4	1135	0.90
Modern	Brick	1	100	0.08
	Sewer	1	50	0.04

Table 3. CBM in relation to context

Context	area	Dating	Forms present
7	Area D	13-16 th	Peg, Plain, Roman brick, Ridge
13	Area D	13-16 th	Plain
18	Area D	13-16 th	Crested, Plain
24	Plaza	13-16 th	Peg, Plain, Roman brick
29	Orchard 3	13-16 th	Plain, Roman brick
47	Orchard 3	13-16 th	Plain
59	Orchard 3	1-4 th	Roman brick
61	Orchard 3	13-16 th	Plain
63	Area A	13-16 th	Plain
67	Area A	1-4 th	Roman brick
68	Area A	13-16 th	Plain
69	Area A	13-16 th	Plain
71	Area A	13-16 th	Plain, Roman brick
84	Area A	16-18 th	Medieval brick, Peg, Plain, Post-medieval brick, Roman brick, Ridge
89	Area A	17 th +	Pan, Plain, Post-medieval brick, Roman brick
91	Area A	1-4 th	Roman brick
99	Area A	1-4 th	Imbrex, Roman brick
103	Area A	13-16 th	Plain, Roman brick
109	Area A	1-4 th	Roman brick
111	Area A	13-16 th	Plain
113	Area A	16-18 th ?	Post-medieval brick?
119	Area A	17 th +	Medieval brick?, Pan, Plain, Post-medieval brick
121	Area A	1-4 th	Tegula
122	Area A	1-4 th	Roman brick

Context	area	Dating	Forms present
123	Area A	13-16 th	Plain, Roman brick
128	Area A	13-16 th	Plain
130	Area A	13-16 th	Plain, Tegula
133	Area A	13-16 th	Plain
138	Area A	13-16 th	Plain
144	Area A	13-16 th	Plain
148	Area A	13-16 th	Plain
152	Area A	13-16 th	Plain, Roman brick
157	Area A	13-16 th	Peg, Plain, Tegula
160	Area A	13-16 th	Plain, Roman brick
162	Area A	13-16 th	Plain, Roman brick
169	Area A	13-16 th	Plain, Roman brick, Ridge
171	Area A	1-4 th	Roman brick
173	Area A	13-16 th	Plain, Roman brick
174	Area A	16-18 th ?	Plain, Post-medieval brick?, Roman brick
195	Merchant A	1-4 th	Roman brick
198	Plaza	13-16 th	Hip, Medieval brick?, Peg, Plain, Roman brick, Ridge, Tegula
201	Plaza	13-16 th ?	Plain?, Roman brick
207	Plaza	1-4 th	Roman brick
209	Plaza	13-16 th	Plain
213	Plaza	13-16 th	Plain
217	Plaza	L11-13 th	Flange
221	Plaza	13-16 th	Ridge
223	Plaza	13-16 th	Plain
229	Plaza	1-4 th	Roman brick, Tegula
231	Plaza	13-16 th	Plain

Context	area	Dating	Forms present
259	Plaza	13-16 th	Plain
265	Plaza	13-16 th	Plain
273	Plaza	M19-20 th	Sewer
285	Plaza	13-16 th	Plain
287	Knavesmire A	1-4 th	Imbrex, Roman brick
293	Plaza	13-16 th	Imbrex, Plain, Roman brick, Ridge
295	Plaza	1-4 th	Roman brick
299	Plaza	13-16 th	Imbrex, Plain, Roman brick
304	Plaza	1-4 th	Roman brick
310	Plaza	13-16 th	Plain
311	Plaza	14-16 th ?	Medieval brick?, Peg, Plain
319	Plaza	13-16 th ?	Plain?
322	Plaza	13-16 th ?	Plain?
324	Plaza	13-16 th	Plain
327	Plaza	13-16 th	Plain
335	Plaza	14-16 th ?	Medieval brick? Plain?
347	Plaza	13-16 th ?	Plain?
349	Plaza	13-16 th	Plain, Roman brick, Tegula
353	Plaza	13-16 th	Peg, Plain
357	Plaza	1-4 th	Roman brick
359	Plaza	13-16 th	Plain
369	Plaza	14-16 th ?	Medieval brick?, Plain
371	Plaza	13-16 th	Peg, Plain
375	Plaza	13-16 th ?	Plain?
385	Plaza	13-16 th ?	Plain?
390	Plaza	13-16 th	Plain

Context	area	Dating	Forms present
393	Plaza	13-16 th	Plain
394	Plaza	1-4 th	Roman brick
399	Plaza	1-4 th	Roman brick
410	Plaza	14-16 th	Medieval brick, Plain
416	Plaza	13-16 th	Plain, Roman brick
418	Plaza	13-16 th	Peg, Plain, Roman brick, Ridge
424	Plaza	14-16 th	Hip, Medieval brick, Peg, Plain, Roman brick, Ridge
426	Plaza	14-16 th ?	Medieval brick?, Plain, Roman brick
430	Plaza	14-16 th ?	Medieval brick?
432	Plaza	13-16 th	Plain, Roman brick
434	Plaza	13-16 th	Plain
440	Plaza	1-4 th	Roman brick
446	Plaza	16-18 th	Plain, Post-medieval brick, Roman brick
452	Plaza	13-16 th	Plain
454	Plaza	14-16 th ?	Medieval brick?, Plain, Roman brick
456	Plaza	13-16 th	Plain
468	Plaza	13-16 th ?	Plain?
472	Plaza	13-16 th ?	Plain?
475	Plaza	1-4 th	Roman brick
476	Plaza	13-16 th	Plain
478	Plaza	13-16 th	Peg, Plain, Ridge
481	Plaza	13-16 th	Plain
489	Plaza	14-16 th ?	Medieval brick?, Plain
495	Plaza	13-16 th	Plain
496	Plaza	13-16 th	Ridge
499	Plaza	1-4 th	Roman brick

Context	area	Dating	Forms present
503	Plaza	13-16 th	Plain, Roman brick
506	Plaza	13-16 th	Plain
510	Plaza	13-16 th	Plain
519	Plaza	13-16 th	Plain
520	Plaza	13-16 th	Plain
527	Plaza	13-16 th	Peg, Plain
528	Plaza	13-16 th	Plain
532	Plaza	Mid 19-20 th	Brick, Plain
537	Plaza	13-16 th	Crested, Plain
542	Plaza	13-16 th	Plain
550	Plaza	16-18 th	Medieval brick, Post-medieval brick
555	Plaza	13-16 th	Plain
561	Plaza	14-16 th	Medieval brick, Plain
563	Plaza	13-16 th	Peg, Plain, Ridge
565	Plaza	1-4 th	Roman brick
569	Plaza	13-16 th	Plain
573	Plaza	13-16 th	Peg, Plain
577	Plaza	14-16 th	Medieval brick, Nib?, Other, Peg, Plain, Ridge
579	Plaza	13-16 th ?	Plain?
581	Plaza	13-16 th	Plain
583	Plaza	1-4 th	Roman brick
587	Plaza	13-16 th ?	Plain?
589	Plaza	14-16 th	Medieval brick, Plain
593	Plaza	14-16 th ?	Medieval brick?, Plain
596	Plaza	13-16 th	Plain
599	Plaza	1-4 th	Roman brick

Context	area	Dating	Forms present
607	Plaza	13-16 th	Plain
608	Plaza	1-4 th	Flue, Other
609	Plaza	17 th +	Pan

Table 4 Form (volume in grams / number of sherds) by area

Knives = Knivesmire A, Merch = Merchant A, Orchard = Orchard 3

	Area A	Area D	Knives	Merch	Orchard	Plaza
Roman Brick	4100g / 41	30g / 2	200g / 3	30g / 4	105g / 2	1389g / 41
Flue						150g / 2
Imbrex	150g / 2		225g / 3			125g / 2
Other						425g / 1
Tegula	550g / 2					90g / 4
Medieval Brick	225g / 4					23705g / 87
Crested		75g / 1				100g / 1
Flange						175g / 1
Hip						325g / 2
Nib						100g / 1
Other						575g / 1
Peg	175g / 2	175g / 1				12170g / 61
Plain	4324g / 92	1359g / 25			842g / 6	68372g / 864
Ridge	175g / 2	75g / 1				1455g / 14

	Area A	Area D	Knives	Merch	Orchard	Plaza
Post-medieval Brick	1810g / 7					675g / 2
Pan	285g / 2					850g / 2
Modern Brick						100g / 1
Sewer						50g / 1
Total	11794g / 154	1714g / 30	425g / 6	30g / 4	947g / 8	111371g / 1088

Burnt clay

Thirteen irregularly shaped lumps of burnt clay were present, which collectively weighed 2467g. These were from contexts 355 (2 pieces), 357 (1 piece), 393 (1 piece), 394 (7 pieces) and 418 (2 pieces); most of these contexts are backfills of pits. The largest single piece measured 135mm x 107mm x 73mm in size. These items could have originated from the dumping of clay affected by any form of burning, such as a simple bonfire. This material offers little research potential, and it was therefore recorded and discarded.

Daub

Twenty-five fragments of daub collectively weighing 610g were assessed. These were from contexts 160 (2 fragments), 221 (3 fragments), 285 (1 fragment), 390 (1 fragment), 420 (10 fragments), 495 (1 fragment), 496 (2 fragments), 500 (2 fragments) and 587 (3 fragments). The largest single fragment weighed 100g, but most were 10g or less in weight. Daub was in use during both the Roman and medieval periods, and as such is impossible to date accurately. Most of the contexts concerned were dated by pottery as medieval, though context 285 also contained some modern pottery. The material at the site could therefore represent either stray fragments of residually occurring Roman material, or medieval daub. As such this material offers little research potential, and it was therefore recorded and discarded.

Mortar And plaster

Fifteen fragments of mortar collectively weighing 410g were assessed. These were from contexts 16 (4 fragments), 59 (2 fragments), 414 (5 fragments), 416 (3 fragments) and 418 (1 fragment). All the mortar was irregular lumps of white lime based mortar, most of which was hard in consistency, though the two fragments from Context 59

were notably softer and more eroded. In addition, there was also a single fragment of plaster weighing just 5g from Context 16. These fragments could be Roman, medieval, post-medieval or modern, and as such this material offers little research potential, and it was therefore recorded and discarded.

Miscellaneous

The only miscellaneous item examined was a group of 9 small fragments of tar macadam from context 426, which collectively weighed 50g, and presumably represent intrusive modern material.

Stone

Twenty-six stone items were examined, which are summarised on Table 4. Four fragments were probably stone floor tiles originally, as they were flat with an eroded upper surface. These were from contexts 69, 373, 430 and 577, and were of fine grained sandstone, magnesian limestone and micaceous sandstone (2 examples). A further four fragments, again of flat stone, probably originated from either stone roof tiles or floor tiles. These were from contexts 198, 221, 432 and 577, and were of micaceous sandstone, magnesian limestone and fine grained sandstone (2 examples). Given that stone flooring and roof tiles are known across Roman York, these eight fragments probably represent Roman material occurring residually across the site.

Two further fragments of stone, both from a pit backfill Context 430, were clearly originally the corners of masonry blocks, one of which was of oolitic limestone and one of fine grained sandstone. These were very roughly shaped, and were both battered and eroded. A third fragment of coarse grained sandstone from context 499, with one flat surface surviving, may also represent part of a building block originally. Oolitic limestone and coarse grained sandstone were used for masonry in York in the Roman period, but were not used in the medieval period. This, coupled with the battered appearance of the stones, suggests that at least two, probably all three, represent residual Roman material. A single architectural fragment of magnesian limestone was present in a pit backfill, Context 416. This was part of an annulet of medieval date. The context in question was dated by pottery to the 14-16th century. This fragment could have originated from the nearby St Edward the martyr's church which went out of use after 1586, or St Michael's church which went out of use after 1365 (Wilson and Mee 1998, 80 and 138).

Two fragments of modern Welsh roof slate dating from the mid-19th century or later were present in Context 609. Both slates were 174mm wide and 10mm thick, though no lengths were preserved. One of the slates had two nail holes 4mm in diameter and 106mm apart for attaching the tile to the roof laths. These would have originated from the convent buildings.

The remaining fragments of stone examined were all small, with no clear evidence of worked surfaces. These were from contexts 7 (two fragments of magnesian limestone), 65 (two fragments of oolitic limestone), 113 (two fragments of magnesian limestone and one unworked flint [identified as such by G. Loffman]), 221 (two

fragments of magnesian limestone and a sandstone cobble) and 418 (two fragments of burnt shale). These items represent random fragments of stone of no great significance.

None of the stone items examined were of sufficient quality to merit retention.

Table 5. Stone items from the excavations

Form	No. of sherds	Weight in grams or dimensions
Possible stone roof tile	4	335
Stone floor tile	4	3250
Welsh roof slate	2	1450
Unworked flint	1	20
Burnt shale	2	20
Irregular fragments of stone	10	424
Sandstone cobble	1	250
Oolitic limestone block	1	150x140x137mm
Fine grained sandstone block	1	150x153x95mm
Medieval annulet	1	93 x 60 x 48mm

Architectural fragments

A total of 35 architectural fragments from Context 522 were photographically recorded during the course of the excavations. The following assessment is based on examination of the site photographs, rather than of the objects themselves. This is far from ideal, as neither the geology nor finer tool marks could be examined, and the following assessment is therefore somewhat tentative. A catalogue of the architectural fragments, together with photographs of the more diagnostic pieces is given below. The architectural fragments as a whole were rather battered, heavily eroded and many were covered with green mould.

Many of the architectural fragments were from rectangular blocks, which were probably originally walling (Stones 1, 2, 4, 6, 13, 17, 24-5, 27-8, 32 and 34). These are of sizes suggestive of medieval date, but it is possible that some of these blocks could be of Victorian date, unused during the construction of the convent in 1873-5.

There were two chamfered blocks (Stones 23 and 33) which were clearly unrelated as the chamfered surfaces were of differing sizes, with Stone 23 having a far wider chamfer. These were probably originally from plinths or sills. A further two stones with sloping surfaces (Stones 5 and 15) probably also originate from plinths or sills. Chamfered blocks such as these were in use throughout the medieval period, and again in the Victorian period. A more elaborate plinth with a chamfered surface between two undercut surfaces was present (Stones 9, 10 and probably 7), the style of which is suggestive of a Victorian date.

Stone 19 has a curving surface suggestive of a column drum, and is probably medieval.

Three blocks were rebated to accommodate a door or window frame (Stones 8, 18 and 30), of which two were plain, but Stone 30 had a vertical chamfer on the external surface. Stone 22 has a hint of carving at one end suggesting that it was a stone from a window sill, this stone had a series of keying lines cut into the upper surface. These stones are all probably medieval.

Several elements of window tracery were present. Stone 16 was an elaborately moulded block from the arch of a window, which could be medieval or Victorian in date. Stones 26 and 31 were window mullions with interior and exterior roll mouldings, the style of which suggests a Victorian date.

Two different designs of string-course were present, the first (Stones 11, 12, 14, 20 and 21) had a horizontal roll moulding at the top with a hollow curve beneath, and horizontal undercut band at the base of the string, while the second design (Stone 29) had a horizontal roll moulding at the top with a hollow curve beneath, then an undercut chamfered surface below. The string-courses are in designs typical of the medieval period.

The medieval stones at the site could have originated from one of four medieval churches in the immediate vicinity, these being St Michael's, St Edward's, St Lawrence's or St Nicholas'. St Michael's church was first referred to in 1277 and went out of use after it was united with the nearby St Lawrence's church in 1365 (Wilson and Mee 1998, 138). The church of St Edward the Martyr is first mentioned in 1213, but it was in decay by 1548-9 and it was united with St Lawrence's in 1586 after which time it went out of use (Wilson and Mee 1998, 80). The first reference to St Lawrence's church dates to 1194, and the church suffered severe damage in the siege of York in 1644, being repaired in 1669. In 1881-3 St Lawrence's was demolished and replaced by a Victorian church, with the exception of the tower which remains to the present (Wilson and Mee 1998, 93). St Nicholas' church started life as the chapel of a leper hospital, first referred to in 1142; this was suppressed in 1547, after which time the chapel became a church. The church was badly damaged in the siege of York in 1644, when its roof was removed, and stones from the church were said to have been used to repair the city walls in 1648, and it had not been repaired by 1680. Portions of the church were still standing in the 18th century, but nothing survives at the present (Wilson and Mee 1998, 139).

The Victorian architectural fragments at the site probably represent material left-over or damaged during the construction of the convent in 1873-5.

Catalogue of the architectural fragments

Stone 1 - Block with one original dressed surface present with clear striated tooling. Walling.

Stone 2 - Corner of a rectangular masonry block with four original faces present. Walling.

Stone 3 - Block with three original faces forming the original exterior elevation, base and back of the block. The exterior elevation has a sloping surface and basal overhang suggesting that it is probably a fragment of a plinth. The same design as Stone 9.

Stone 4 - Block with three possibly four original faces two of which have clear striated tooling. Walling.

Stone 5 - Block with three original faces forming the exterior elevation, base and both sides of the block. The exterior elevation has a vertical lower portion and sloping upper portion, suggesting that it is probably a fragment of a plinth. The upper portion of the exterior surface has clear striated tooling.

Stone 6 - One end of a rectangular masonry block with five original faces present. Walling.

Stone 7 - Block with three original faces forming the exterior elevation, base and back of the block. The exterior elevation has a sloping surface suggesting that it is probably a fragment of a plinth. Probably the same design as Stone 9.

Stone 8 (Plate 2) - Rectangular block with a vertical rebate to accommodate a door or window frame. Five original faces present, forming three sides, the base and top of the block.

Stone 9 (Plate 3) - Block with five original faces forming two exterior elevations, the base, upper surface and back of the block. The exterior elevations are at right angles to one another and are shaped to form a plinth with an overhang at the top and base

Stone 10 - Block with three original faces present forming the base, side and external elevation. The latter has a sloping surface and may represent the basal overhang of a plinth as seen on Stone 9.

Stone 11 (Plate 4) - Block with three original faces forming the base, top and exterior elevation. The elevation has a curving upper surface with hollow curve beneath. A string-course.

Stone 12 - Identical to Stone 11

Stone 13 - A masonry block with three original faces present forming the top, base and side of the block. Walling.



Plate 2 Stone 8



Plate 3 Stone 9



Plate 4 Stone 11

Stone 14 - Identical to Stone 11

Stone 15 - Block with five original faces present one of which is sloping, suggestive of a plinth. Vertical tooling lines present on at least two faces.

Stone 16 (Plate 5) - Elaborately moulded block with part of the base, back and three sides present. This clearly relates to a window mullion as one side houses a slot to accommodate glazing, while the more complete side represents the original interior elevation decorated with elaborate roll mouldings. The original exterior elevation is also moulded, but little survives. The curving nature of the mouldings, when viewed from the side, indicates that the block was from the arch of a window



Plate 5 Stone 16

Stone 17 - Block with two original faces at right angles to one another. Walling.

Stone 18 (Plate 6) - Block with three original faces forming the base and two sides, one of which seems to have been rebated. Striated tooling on one face

Stone 19 (Plate 7) - Block with three original faces present. One face eroded. Curving shape of one face suggests it was a column drum originally.

Stone 20 - Identical to Stone 11

Stone 21 - Identical to Stone 11

Stone 22 (Plate 8) - Rectangular block with grooves on one bed. These represent keying lines. At one end of the upper surface the block is shaped, suggesting that it was originally part of a sill.

Stone 23 (Plate 9) - Rectangular block with four original surfaces, one of which is chamfered. Part of a plinth or sill originally.

Stone 24 - One end of a rectangular block with four original faces present. Walling.



Plate 6 Stone 18



Plate 7 Stone 19

Stone 25 - One end of a rectangular block with five original faces present. Walling.

Stone 26 (Plate 10) - Window mullion with all original faces surviving but badly chipped. Two opposing sides have grooves to accommodate glazing, with interior and exterior roll mouldings on the other sides. Sockets for iron bars on the ends, which would have joined the piece to an adjoining mullion.

Stone 27 - One end of a rectangular block with five original faces present. Walling.

Stone 28 - One end of a rectangular block with four original faces present. Walling.



Plate 8 Stone 22



Plate 9 Stone 23

Stone 29 (Plate 11) - Block with five original faces forming the end, back, base, top and elevation. The elevation has a curving upper surface with a reverse basal chamfer. A string-course.

Stone 30 (Plate 12) - Block with part of three faces present. It has an internal rebate and external chamfer suggesting that it as from a doorway or window opening originally.

Stone 31 (Plate 13) - Identical to Stone 26.



Plate 10 Stone 26



Plate 11 Stone 29

Stone 32 - Rectangular block with three original surfaces. Walling.

Stone 33 - Rectangular block with five original surfaces, one of which is chamfered. Part of a plinth or sill originally.

Stone 34 - Rectangular block with five original surfaces. Walling.

Stone 35 - Rectangular block with four original surfaces. Very eroded. Walling.



Plate 13 Stone 31

Plate 12 Stone 30



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Introduction and Methodology

A total of 680 metal detected finds with small find numbers, and 71 bulk find metal objects and 14 non-metal finds from stratified deposits were provided for assessment. Thirty of the metal detected finds and six of the bulk find metal objects were previously identified as coins, and these are not included in this assessment.

Some of the metalwork had been X-rayed prior to this assessment: these included the vast majority of the bulk find metal objects, and a selection of the small finds. The decisions about what to Xray were made without the input of the author. Where possible, identifications of the metal objects have been made using the information provided by the Xrays; other material has been assessed following a visual examination only.

The Finds from stratified deposits

Of the 64 metal and 16 non-metal finds from stratified deposits, the vast majority were recovered from the Plaza area (see Tables 1 and 2). The finds are discussed below by material.

Metals

Iron

Forty four finds are of iron, of which 18 are composed solely of nails. Other structural ironwork includes chain links (from Contexts 71, 113), a hinge pivot (Context 424), a hook (from Context 537) and a medieval pricket for holding a candle (Context 432). Several knives, all of whittle tang form, were recovered (Contexts 235, 305, 424, 542) – the knife from Context 305 retained traces of an organic (wooden) socketed handle; this form of knife is current from the Roman period onwards, but none of these knives are datable, and it is not possible to determine if these were used in craft or other activities. A virtually complete pair of shears, in seven adjoining fragments, was also found (Context 393). Blade fragments – probably from knives - were also retrieved (Contexts 253, 357, 432, 573). Other tools include a needle (from Context 345). An 11th – 13th century horseshoe nail was recovered from Contexts 209, and a possible harness buckle from Context 259.

Copper Alloy

Nine finds are of copper alloy and include several dress accessories, namely a medieval (14th – 15th century) forked spacer buckle from Context 418, a ?medieval dress pin fragment (from Context 393), and later medieval – post medieval (?15th – 18th century) dress pins and lace tag (from Context 424). Other items include a suspension ring (from Context 33), and slag/working waste from Context 7. A modern knob handle cover was found in Context 530.

Lead Alloy

The three finds of lead alloy comprise an incomplete decorated object of uncertain identification, which probably could be identified following further conservation treatment (from Context 221), a plug from Context 434, and a possible sheet vessel fragment from Context 581.

Slag

Metalworking – probably ironworking – slag was recovered from Contexts 174, 353, 424, 426, 432, 489, 526 and 577.

Non metals

Bone/Antler

Two bone objects appear to be pin beaters (from Contexts 416, 426) which are weaving tools current from 10th – 14th centuries. A composite comb single-sided tooth plate made of bone or antler (from Context 229) is likely to date from 9th – 11th centuries.

Fired Clay

Two late 18th – early 19th century tobacco pipe bowl fragments were found in Contexts 426, 530. Two pipe stem fragments and an undated bowl fragment were also found in Context 530.

Glass

An incomplete glass linen smoother was recovered from Context 221; this could date from 9th – 15th centuries.

Wood?

A ?wooden teaspoon of recent date and inscribed 'WL' was recovered from Context 428.

Stone

A sandstone rotary quern fragment, which is likely to date from 8th – 13th centuries, was found in Context 211. A roof tile fragment was recovered from Context 128, and a natural sub-spherical stone which may have been selected for use as ammunition was found in Context 399, a Roman pit fill. Other stone finds appear to be unworked cobble fragments.

Conclusions

Of the 80 stratified finds, there are small number of datable objects, which broadly match the pot/CBM dates provided for their respective contexts. As typically found on an urban site of this nature, at least half of the iron finds comprise nails and other structural ironwork; other tools include several undatable knives, one with a wooden handle, as well as four knife blade fragments. Three tools associated with the finishing of cloth fabric, namely iron shears, an iron needle and a glass linen smoother, were all found in deposits which included 10th – 11th century pottery; the two pin beaters used in weaving could be contemporary with these other tools although they were found in association with 14th century (and later) pottery and CBM. The few personal items which were recovered range in date from the 9th – 11th century comb fragment to the 15th – 18th century pins and lace tag; the pins and lace tag were found with 14th – 16th century pottery and CBM, and could be contemporary with them. The only possible Roman object is the stone sphere found in a Roman pit. Overall this limited assemblage indicates possible activity on the site in the Anglo-Scandinavian and medieval periods, but apart from indications of textile working in the Anglo-Scandinavian period, it provides little information about the lives of those inhabiting or working there.

Metal Detected Finds

These finds are discussed by Area.

Area A

This area produced 189 metal finds: 46 finds are of iron, of which 26 comprise nails and/or nail fragments. Other objects of interest include three horseshoes or horseshoe fragments (SFs222, 227, 308), all of which appear to be of post medieval to modern date, and a medieval belt fitting (SF291). Seventeen finds are of copper alloy: these include a 1st – 2nd century trumpet brooch (SF269), an annular medieval brooch (SF294), and a modern button (SF247). Two silver objects comprise another annular medieval brooch (SF362), and a substantial finger ring which may originally have had a gemstone setting, and dates to 1st – 3rd century (SF267).

By far the majority of the finds (109) are made of lead alloy: most of the lead alloy assemblage (63 finds) comprises metalworking waste in the form of spillages, other working waste, and sheet fragments and offcuts. Nine finds comprise lead shot, all of similar sizes and probably from muskets, and presumably dating from the Civil War

period, when this area of York is known to have been badly damaged. Other objects include a modern (19th – 20th century) painted toy figure on a horse, and a rumbler bell of uncertain date (SF390). Two finds of ?ferrous working slag were also found (SFs301, 485).

Allerton A

Fifty eight finds were collected from this area – 33 finds are of iron, and 23 comprise nails and/or nail fragments. SF421 is incomplete but appears to be part of an undatable tool with a hammered head. Only four finds are of copper alloy, and these include a ?Roman hair pin (SF462), a modern button (SF448), and a ?modern hooked fitting (SF425).

The eighteen lead alloy finds are again dominated by metalworking waste (14 finds); the only other find of interest is a fragment of milled window came, which must date from 16th century or later.

One find of ?ferrous working slag was also identified (SF410).

Area D

Of 73 finds from this area, 49 are of iron, and 34 comprise nails and/or nail fragments. Other structural fittings of unknown date include a pinned hinge (SF42), and a box shaped fitting (SF30). Four horseshoe nails, all of 11th – 13th century date with fiddle key shaped heads, were also recovered (SFs8, 69, 72, 74). Ten objects are of copper alloy and include a 13th – 15th century belt strap guide (SF76), a pendant of uncertain date (SF27) (which probably could be identified following further conservation treatment), a ?16th – 17th century button (SF51), and two 19th – 20th century buttons (SFs4, 22), and a vessel fragment (SF14).

Fourteen finds are of lead alloy of which eight comprise metalworking waste in the form of spillages, other working waste, sheet fragments and offcuts. The other finds are mainly unidentified fragments.

Knavesmire A

Only 22 finds were recovered from this area, with six being of iron and half of these comprising nails; an iron fitting of uncertain date was also found (SF543). Of two copper alloy finds, one appears to be a modern tack (SF536), and the other is a sheet fragment (SF534). Lead alloy objects (12 finds) form the majority of this small assemblage, and apart from two unidentifiable fragments, all comprise metalworking waste. One find of ?ferrous working slag was identified (SF527).

Merchant A

This area produced another small assemblage (41 finds); 13 finds are of iron, and seven of these comprise nails or bolts; two undatable hinge pivots were also identified (SFs493, 516). Two horseshoe nails (SFs494, 520) were identified, both have trapezoidal heads, and are of 13th – 14th century date. Once again lead alloy objects form the majority of these finds (26 finds), and 14 of these comprise metalworking waste; a musket shot (SF498) was also recovered. The only copper alloy find from this area also appeared to be working waste (SF476).

Orchard 1

Fifty finds were recovered from Orchard 1; 34 of these are of iron, and 28 comprise nails and/or nail fragments. Iron objects of interest comprise a large U-shaped staple (or ?lock bolt) (SF202), an 11th – 13th century horseshoe fragment (SF203), and a possible tool shaft fragment with bevelled end (SF204). The only copper alloy find from this area again appeared to be working waste (SF190). Eleven lead alloy finds included a possible shoe buckle of 15th – 16th century date (SF215), and a plug (SF191); the other finds are of metalworking waste.

Orchard 3

Orchard 3 produced a total of 79 finds, of which 48 are of iron; 34 of these comprise nails and/or nail fragments. The only iron finds of interest are two fiddle key horseshoe nails of 11th – 13th century date (SFs121, 156). The four copper alloy finds include a ?lock plate fragment (SF158), and a possible rectangular buckle frame fragment (SF102). There are 21 lead alloy finds, which include a ?musket shot (SF159), and a possible plug (SF130); other finds comprise working waste.

SF139 is a fragment of ?ferrous metalworking slag.

Plaza

This area was second only to Area A in producing the most finds (135 finds). Nails comprise 60 of the 100 iron objects; other iron finds include 11 horseshoe nails (no sf, 617, 623, 639, 631, 634) of which 9 are fiddle key types of 11th – 13th century (the forms of the other 2 are uncertain), a ? Roman hob nail (SF577), three whittle tang knives (no SF, SF661), a ?knife blade fragment (SF662), a possible buckle pin (no SF), a ?buckle frame fragment (SF700), and two medieval keys for mounted locks (SF708). Of 12 copper alloy objects, three are buckles: SF553 is an oval-shaped buckle of 13th – 15th century date, buckle SF581 dates from ?14th – 15th century and SF646 is probably of 15th century date. An incomplete and fragmentary decorative object SF632 is unidentified (but might be datable following conservation investigation). A mount (no SF) is of uncertain date.

Of 22 lead alloy finds, 11 comprise working waste; the remaining finds include a tube of uncertain function (SF629), and numerous tiny fragments which are unidentifiable.

SF705 is a fragment of slag from ferrous metalworking.

Conclusions

As this material was recovered as a result of metal detecting, and is thus effectively unstratified, only broad conclusions can really be drawn from it.

Roman artefacts found on the site comprised a silver finger ring and copper alloy brooch from Area A, a possible hair pin fragment from Allerton A, and a hob nail from Plaza. There are no artefacts which can definitely be attributed to the Anglian/Anglo-Scandinavian periods, but medieval personal fittings and dress accessories were identified to add to those found in stratified deposits; two brooches and a belt fitting from Area A, a strap guide from Area D, shoe buckle from Orchard 1, and three buckles from Plaza. Medieval horseshoes and associated nails were also found in this material; horseshoe nails of 11th – 13th century date from Area D (four), Orchard 3 (two), and Plaza (nine), and an 11th – 13th century horseshoe fragment from Orchard 1, with two nails of 13th – 14th century date from Merchant A, and two nails of uncertain date from Plaza. Finds from the 16th – 17th century include a button from Area D, and musket balls of which nine came from Area A, and single examples from Merchant A and Orchard 3; all these finds could possibly relate to Civil War activity in this area of the city.

The recovery of a large number of lead alloy finds from across the site - much of it apparently the result of lead alloy working - is of interest; far more was collected than would be expected on most excavated sites in York, but this material was of course found via metal detectors, which must account for this unusually high quantity of finds. Many of the finds comprise tiny fragments which would probably not have been spotted during excavation, and unfortunately are too small to enable identification, but it can be said that lead alloy working occurred on or near the site at an unknown period (or periods); it may be worth noting that almost 42% of the metalworking waste came from Area A, which also produced nine of the 11 musket balls which were found.

Recommendations

None of the stratified small find material is of great significance, but it should be retained for the purposes of future work on the results of the excavations or for further research into this area of the city. Unworked finds such as the cobble fragments could be discarded.

Some of the metal detected material should also be retained – this would best be decided by a brief exercise in going through it all and separating out material that need not be kept.

STRATIFIED METAL FINDS CATALOGUE

Area	Context	Context Type	Material	Keyword
Area A	128	Fill of furrow N-S [129]	stone	?roof tile fragment
Merchant A	174	Machine stripping Merchant A	?	?socketed handle fragment
Orchard 3	75	Fill of Insitu Burning Episode [76]	Stone	unworked
Plaza	416	Fill of pit [417]	Bone	?pin beater
Plaza	426	Hand cleaning West Side Plaza	Bone	? pin beater
Plaza	229	Fill of possible pit [230]	Bone/Antler	composite comb tooth plate
Plaza	426	Hand cleaning West Side Plaza	Fired clay	tobacco pipe bowl
Plaza	530	Excavation for underpinning north wall	Fired Clay	tobacco pipe stems and bowls x 2
Plaza	221	Fill of pit [222]	Glass	linen smoother?
Plaza	211	Fill of post hole [212]	Stone	rotary quernstone fragment
Plaza	285	Machine Stripping North End of Plaza	Stone	unworked cobble
Plaza	399	Fill of pit [400] cutting earlier large pit [395]	stone	sub-spherical ?ironstone
Plaza	426	Hand cleaning West Side Plaza	Stone	unworked cobble fragments x 4
Plaza	432	Fill of rectangular feature [433]	Stone	unworked cobble fragments x 4
Plaza	478	Fill of pit [479] in pad 5	Stone	unworked cobble fragments x 2
Plaza	428	Grey silty clay in Courtyard	Wooden?	teaspoon

NON STRATIFIED METAL FINDS CATALOGUE

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
127	375	fragment		?metal	7	A	
127	240	fragment		?non metal	1	A	
127	364	fragment		?non metal	3	A	
127	226	fragment		copper alloy	1	A	
127	229	offcut?		copper alloy	1	A	
127	247	button	discoidal, two central holes, modern?	copper alloy	1	A	9050
127	266	buckle frame?	square, decoratively notched, pin lost	copper alloy	1	A	9050
127	269	brooch	with head loop, spring, most of pin lost, moulding on front, foot. Roman	copper alloy	12	A	9050
127	277	strip offcut?		copper alloy	4	A	9050
127	294	brooch frame?	annular, Xray suggests constriction. Medieval	copper alloy	4	A	9050
127	300	nail	or screw	copper alloy	2	A	9050
127	302	fragment?	undiagnostic	copper alloy	1	A	9050
127	306	slag		copper alloy	18	A	9050
127	309	fitting	modern	copper alloy	12	A	
127	332	strip offcut		copper alloy	1	A	9050
127	359	slag?		copper alloy	1	A	9050
127	370	buckle plate	rectangular, with 2 rivet holes	copper alloy	5	A	9050
127	371	stud head?	domed, hollow	copper alloy	2	A	9050
127	378	fragment	with ridge, tiny, undiagnostic	copper alloy	1	A	9050
127	393	fragment	?working waste	copper alloy	11	A	9050
127	222	horseshoe fragment	half, with 3 nail holes, prob post-med/modern	iron	193	A	9050
127	224	nails?	x 2, ?corroded together	iron	48	A	
127	227	horseshoe fragment	branch tip?	iron	69	A	9050
127	228	screw		iron	1	A	
127	231	nail fragment?		iron	9	A	9050
127	232	nail?		iron	52	A	
127	233	nail fragment?		iron	5	A	
127	236	nail fragment?		iron	1	A	
127	238	nail shank		iron	2	A	
127	242	nail		iron	3	A	
127	244	nail shank?		iron	20	A	9050
127	255	nail		iron	7	A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
127	256	wire	twisted	iron	1	A	9050
127	258	fragment	undiagnostic	iron	10	A	9050
127	259	nail	incomplete	iron	10	A	9050
127	262	nail shank?		iron	3	A	9050
127	263	nail shank?		iron	4	A	9050
127	265	nail?		iron	28	A	
127	275	nail fragment		iron	10	A	9050
127	281	nail?		iron	6	A	
127	283	nail		iron	42	A	
127	291	mount	rectangular, with 2 rivets, incomplete suspension loop. Medieval?	iron	4	A	9050
127	304	ring	half survives, ?scarf joint	iron	5	A	9050
127	307	lump	undiagnostic	iron	278	A	9051
127	308	horseshoe	complete, 3 x nails per branch, post-med/modern	iron	303	A	
127	311	nail fragment		iron	2	A	
127	312	fragment	undiagnostic	iron	1	A	
127	314	fragment		iron	2	A	
127	316	strip	or bar	iron	89	A	9051
127	320	hinge pivot?	or bent nail shank	iron	104	A	9051
127	330	nail	tip lost	iron	45	A	9051
127	341	bolt?		iron	118	A	
127	343	nail	large, ?recent	iron	113	A	9051
127	344	nail shank		iron	18	A	
127	345	wire fragment?		iron	2	A	
127	346	nail	modern	iron	18	A	9051
127	348	nail fragment?		iron	4	A	
127	350	object	iron strip thick with non ferrous squares spaced along both edges - ?wire brush	iron	126	A	9051
127	355	nail	or bolt head	iron	14	A	9051
127	356	wire fragment?		iron	1	A	
127	374	perforated sheet?	thick sheet frag, irregularly shaped, with nail through	iron	338	A	9052
127	387	nail		iron	6	A	
127	395	nail fragment?		iron	30	A	9051
127	488	nail		iron	20	A	
127	489	fragments	?of nail or wire	iron	1	A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
127	260	object	cu tube with iron point socketed in?	iron, copper alloy	68	A	9050
127	221	fragment	undiagnostic	lead alloy		A	
127	223	sheet fragment	irregularly shaped	lead alloy	2	A	
127	225	spillage?		lead alloy	12	A	
127	234	sheet fragment	folded	lead alloy	5	A	
127	235	?waste fragment		lead alloy	5	A	
127	237	shot	diam. 16.5mm	lead alloy	30	A	
127	241	figure on horse	modern, painted	lead alloy	69	A	
127	243	?spillage		lead alloy	8	A	
127	245	?spillage		lead alloy	8	A	
127	246	sheet fragment	folded	lead alloy	9	A	
127	249	?spillage		lead alloy	12	A	
127	250	waste fragment	irregularly shaped	lead alloy	5	A	
127	251	waste fragment	irregularly shaped	lead alloy	5	A	
127	252	waste fragment	irregularly shaped	lead alloy	14	A	
127	253	fragment	undiagnostic	lead alloy	4	A	
127	254	waste fragment	irregularly shaped	lead alloy	4	A	
127	257	spillage?	??sprue	lead alloy	7	A	
127	261	spillage	waste	lead alloy	7	A	
127	268	?waste fragment	with hole in base and top which appear random?	lead alloy	15	A	
127	270	?sheet fragment	irregularly shaped with perforation	lead alloy	6	A	
127	271	spillage?	waste?	lead alloy	8	A	
127	272	fragment	undiagnostic	lead alloy	3	A	
127	273	spillage	waste	lead alloy	9	A	
127	274	fragment	tiny, undiagnostic	lead alloy	1	A	
127	276	spillage	tiny	lead alloy	5	A	
127	278	spillage		lead alloy	8	A	
127	279	sheet offcuts	x 2	lead alloy	24	A	
127	280	strip fragment	partially rolled up	lead alloy	2	A	
127	282	fragment	tiny, undiagnostic	lead alloy	1	A	
127	284	fragment	undiagnostic	lead alloy	3	A	
127	285	spillage?	metalworking waste fragment?	lead alloy	14	A	
127	286	fragment		lead alloy	1	A	
127	288	fragment	undiagnostic	lead alloy	1	A	
127	290	fragment	?waste	lead alloy	2	A	
127	292	fragment	tiny, undiagnostic	lead alloy	1	A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
127	293	spillage	drop	lead alloy	1	A	
127	295	sheet offcut?	or sheet fragment, partially folded	lead alloy	2	A	
127	296	fragment	undiagnostic	lead alloy	4	A	
127	297	spillage?	tiny	lead alloy	2	A	
127	298	spillage?	or offcut?	lead alloy	17	A	
127	299	spillage		lead alloy	4	A	
127	303	shot	diam. 15mm	lead alloy	19	A	
127	305	sheet fragment	irregularly shaped	lead alloy	2	A	
127	313	fragment		lead alloy	2	A	
127	315	?spillage		lead alloy	7	A	
127	317	sheet offcut		lead alloy	37	A	
127	322	sheet fragment	tiny	lead alloy	2	A	
127	323	spillage		lead alloy	11	A	
127	324	fragment	tiny	lead alloy	1	A	
127	325	sheet fragment	irregularly shaped	lead alloy	8	A	
127	326	fragment	tiny	lead alloy	1	A	
127	327	sheet offcuts	x 2	lead alloy	4	A	
127	328	spillage?		lead alloy	8	A	
127	329	fragment	tiny	lead alloy	2	A	
127	331	fragment	?? Of shot	lead alloy	4	A	
127	333	fragment	undiagnostic	lead alloy	4	A	
127	334	?spillage		lead alloy	5	A	
127	335	sheet offcut		lead alloy	5	A	
127	336	fragment	undiagnostic	lead alloy	1	A	
127	337	?waste fragment		lead alloy	3	A	
127	338	fragment	tiny undiagnostic	lead alloy	1	A	
127	340	spillage		lead alloy	6	A	
127	342	shot	diam. 16.5mm	lead alloy	25	A	
127	347	spillage		lead alloy	4	A	
127	349	sheet offcut		lead alloy	4	A	
127	351	fragment	?waste	lead alloy	1	A	
127	352	shot	diam. 17.5mm	lead alloy	32	A	
127	353	shot	diam. 16mm	lead alloy	23	A	
127	358	spillage?		lead alloy	1	A	
127	360	shot	diam.15mm	lead alloy	22	A	
127	361	waste fragment?		lead alloy	4	A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
127	363	tube	irregular, compressed	lead alloy	9	A	
127	365	tube fragment?		lead alloy	4	A	
127	366	spillage		lead alloy	3	A	
127	368	waste fragment?		lead alloy	2	A	
127	369	spillage?		lead alloy	10	A	
127	372	spillage		lead alloy	8	A	
127	373	shot	diam. 17mm	lead alloy	28	A	
127	376	shot	diam. 17mm	lead alloy	31	A	
127	377	shot	diam. 17mm	lead alloy	31	A	
127	379	sheet fragment	irregularly shaped	lead alloy	3	A	
127	380	fragment	undiagnostic	lead alloy	1	A	
127	381	waste fragment?		lead alloy	4	A	
127	382	sheet offcut		lead alloy	20	A	
127	384	fragment	working waste?	lead alloy	4	A	
127	385	spillage		lead alloy	11	A	
127	386	spillage		lead alloy	6	A	
127	388	spillage		lead alloy	6	A	
127	389	sheet fragment	irregularly shaped	lead alloy	3	A	
127	390	rumbler bell?	compressed and distorted	lead alloy	9	A	
127	391	spillage?		lead alloy	22	A	
127	392	sheet fragment	tiny	lead alloy	2	A	
127	394	fragment	undiagnostic	lead alloy	4	A	
127	396	fragment	undiagnostic	lead alloy	1	A	
127	477	fragment	undiagnostic	lead alloy	12	A	
127	479	sheet fragment	irregularly shaped	lead alloy	1	A	
127	480	?waste fragment		lead alloy	8	A	
127	481	sheet offcut	irregularly shaped	lead alloy	8	A	
127	483	nail?		lead alloy	33	A	
127	484	sheet fragment	irregularly shaped	lead alloy	6	A	
127	486	spillage		lead alloy	14	A	
127	490	sheet fragment	irregularly shaped	lead alloy	3	A	
127	491	spillage	waste	lead alloy	6	A	
127	230	fragment	unidentifiable	lead alloy?	4	A	9050
127	264	fragment	tiny, undiagnostic	lead alloy?	1	A	
127	367	fragment	tiny, with ridges, see also sf166 - show Mags?	lead alloy?	2	A	9050
127	478	fragment	undiagnostic	lead alloy?	3	A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
127	482	fragment	tiny	lead alloy?	2	A	
127	239	hinge plate		metal	23	A	
127	310	fitting	modern	metal	8	A	
127	321	fragment	undiagnostic	metal	2	A	9051
127	339	fragment	modern	metal	10	A	9050
127	397	strip fragment	?	metal	1	A	9050
127	318	fragment		non metal?	2	A	
127	319	fragment		non metal?	3	A	
127	354	fragment		non metal?	2	A	
127	357	fragment		non metal?	1	A	
127	267	finger ring	oval tapering band, empty oval setting in sub-rectangular bezel, dropped shoulders. Roman	silver	8	A	9050
127	362	annular buckle?	or brooch (but no constriction), frame of circular section, pin decorated close to frame which is broken	silver?	4	A	9050
127	301	slag		slag	272	A	9050
127	485	?slag, nail	nail tip clenched	slag, iron	153	A	9052
127	383	unworked gravel?		stone?	4	A	9050
127	287	?spillage			4	A	
127	398					A	
127	399					A	
184	435	fragment	unidentifiable	?	127	Allerton A	9042
184	425	tag	hooked fitting, modern	copper alloy	6	Allerton A	9042
184	443	fragment	undiagnostic	copper alloy	1	Allerton A	9042
184	448	button	discoidal, integral loop	copper alloy	3	Allerton A	9042
184	462	pin	large long with solid pyramidal head	copper alloy	5	Allerton A	9042
184	400	nail?		iron	3	Allerton A	
184	401	nail?		iron	10	Allerton A	
184	402	nail		iron	1	Allerton A	
184	407	nail		iron	3	Allerton A	
184	408	nail shank?		iron	6	Allerton A	
184	411	nail shank		iron	2	Allerton A	
184	412	fragment	undiagnostic	iron	1	Allerton A	
184	414	nail fragment		iron	1	Allerton A	
184	415	nail fragment		iron	3	Allerton A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
184	416	nail fragment		iron	1	Allerton A	
184	418	nail fragment		iron	1	Allerton A	
184	419	wire fragment?		iron	1	Allerton A	
184	420	nail		iron	1	Allerton A	
184	421	tool?	tapering, one end hammered, rectangular section, other incomplete	iron	35	Allerton A	9042
184	422	nail shank		iron	19	Allerton A	
184	423	nail		iron	4	Allerton A	
184	427	stud		iron	2	Allerton A	
184	428	nail shank?		iron	4	Allerton A	
184	429	nail shank		iron	1	Allerton A	
184	434	nail		iron	3	Allerton A	
184	436	nail shank		iron	4	Allerton A	
184	438	spike	or large nail shank	iron	20	Allerton A	
184	439	fragment	undiagnostic	iron	1	Allerton A	
184	440	fragment	undiagnostic	iron	4	Allerton A	
184	441	nail		iron	7	Allerton A	
184	442	nail		iron	6	Allerton A	
184	445	nail		iron	1	Allerton A	
184	446	fragment	undiagnostic	iron	1	Allerton A	
184	450	nail	or rivet	iron	1	Allerton A	
184	457	strip fragment		iron	50	Allerton A	9042
184	458	wire fragment		iron	1	Allerton A	
184	459	nail		iron	3	Allerton A	
	463	nail		iron	3	Allerton A	
184	404	fragment	?waste	lead alloy	5	Allerton A	
184	405	spillage	waste	lead alloy	16	Allerton A	
184	409	window came fragment	milled	lead alloy		Allerton A	
184	413	spillage		lead alloy	22	Allerton A	
184	417	spillage?	tiny	lead alloy	1	Allerton A	
184	424	fragment	undiagnostic	lead alloy	2	Allerton A	
184	426	fragment	waste?	lead alloy	1	Allerton A	
184	430	spillage		lead alloy	3	Allerton A	
184	432	fragment	undiagnostic	lead alloy	1	Allerton A	
184	433	spillage?		lead alloy	1	Allerton A	
184	437	waste fragment		lead alloy	2	Allerton A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
184	444	sheet fragment	irregularly shaped	lead alloy	1	Allerton A	
184	447	waste fragment?		lead alloy	3	Allerton A	
184	449	spillage		lead alloy	3	Allerton A	
184	451	spillage		lead alloy	6	Allerton A	
184	453	waste fragment		lead alloy	1	Allerton A	
184	460	fragment	tiny, undiagnostic	lead alloy	1	Allerton A	
184	461	spillage		lead alloy	1	Allerton A	
184	406	fragment		non metal	1	Allerton A	9042
184	410	slag?		slag	30	Allerton A	
14	5	sheet offcut	triangular	copper alloy	2	D	9039
14	7	strip fragment	undiagnostic	copper alloy	3	D	9039
14	14	vessel fragment	sheet, part of rim and body	copper alloy	13	D	9039
14	27	pendant	of sheet, oval, decorated, loop incomplete. INVESTIGATE	copper alloy	3	D	9039
14	51	button	globular with projecting loop	copper alloy	8	D	9039
14	52	casting waste	heavily leaded	copper alloy	38	D	9039
14	58	sheet fragment	irregularly shaped	copper alloy	1	D	9039
15	76	strap guide	semi circular with shaped terminal and projecting point	copper alloy	5	D	9039
14	4	button	modern, discoidal, 4 holes	copper alloy?	2	D	9039
14	22	button	integral loop	copper alloy	2	D	9039
14	1	nail fragment		iron	2	D	
14	2	fragments	x 2, undiagnostic	iron	2	D	
14	3	nail		iron	21	D	
14	6	nail	fragment	iron	8	D	9039
14	8	horseshoe nail	fiddle key	iron	7	D	9039
14	9	nail shank		iron	3	D	
14	10	nail shank		iron	3	D	
14	12	fragment	undiagnostic	iron	1	D	
14	13	nail shank		iron	5	D	
14	15	nail shank		iron	6	D	
14	16	nail fragment		iron	3	D	9039
14	17	nail		iron	19	D	
14	18	nail fragment	T-shaped	iron	4	D	9039
14	19	nail shank		iron	8	D	
14	25	fragments	? of nail	iron	2	D	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
14	28	nail shank?		iron	2	D	
14	29	nail shank?		iron	3	D	
14	30	fitting	box shaped with shaft	iron	52	D	9039
14	31	nail fragments		iron	4	D	
14	35	ring		iron	13	D	9039
14	36	nail shank?		iron	1	D	9039
14	38	nail shank		iron	8	D	
14	39	nail		iron	10	D	
14	41	nail		iron	19	D	
14	42	pinned hinge	incomplete	iron	82	D	9039
14	44	nail		iron	8	D	9039
14	46	nail fragment?		iron	10	D	9039
14	47	nail fragments	x 2	iron	3	D	9039
14	48	nail fragment		iron	8	D	9039
14	49	nail		iron	10	D	
14	50	sheet fragment		iron	8	D	9039
14	53	nail	T shaped	iron	5	D	9039
14	54	fragment	undiagnostic	iron	1	D	
14	55	fragment	undiagnostic	iron	4	D	
14	56	nail		iron	13	D	
14	57	fragment	undiagnostic	iron	1	D	
14	59	nail		iron	9	D	
14	60	nail shank		iron	4	D	
14	61	nail shank		iron	4	D	
14	63	nail		iron	7	D	
14	64	nail	square head, tiny	iron	3	D	9039
14	65	nail head		iron	8	D	9039
14	68	nail shank		iron	8	D	
14	69	horseshoe nail	fiddle key	iron	6	D	9039
14	71	nail		iron	11	D	
14	72	horseshoe nail	fiddle key	iron	12	D	9039
14	73	nail fragments		iron	5	D	
15	74	horseshoe nail	fiddle key	iron	9	D	9039
14	11	sheet fragment	partly bent up	lead alloy	2	D	
14	20	offcut	of sheet or strip, folded and compressed	lead alloy	2	D	
14	21	fragment	working waste?	lead alloy	4	D	9039

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
14	26	sheet fragment	irregularly shaped	lead alloy	14	D	
14	32	fragment	U shaped, ?waste	lead alloy	2	D	
14	37	fragment	tiny, undiagnostic	lead alloy	1	D	
14	40	nail shank?	or small bar?	lead alloy	5	D	
14	43	spillage		lead alloy	7	D	
14	45	sheet fragment	folded into irregular shape	lead alloy	5	D	
14	62	fragment	tiny, undiagnostic	lead alloy	3	D	
14	66	fragment	undiagnostic	lead alloy	2	D	9039
14	67	fragment	of sheet or strip, folded and compressed	lead alloy	2	D	
14	70	fragment	undiagnostic	lead alloy	8	D	
14	33	fragment	undiagnostic	lead alloy?	5	D	
14	34	object	solid, triangular shaped, with nail		143	D	9039
286	534	fragment	tiny, undiagnostic	?metal	1	Knivesmire A	
286	524	sheet fragment	tiny	copper alloy	1	Knivesmire A	
286	536	tack/nail	?cable holding tack	copper alloy	1	Knivesmire A	9042
286	528	nail fragment		iron	1	Knivesmire A	
286	529	wire fragment		iron	1	Knivesmire A	
286	537	fragments	undiagnostic	iron	3	Knivesmire A	
286	540	nail		iron	2	Knivesmire A	
286	541	nail fragment		iron	3	Knivesmire A	
286	543	fitting	double-looped fitting with looped pin attached	iron	19	Knivesmire A	9042
286	522	sheet fragment	irregularly shaped	lead alloy	2	Knivesmire A	
286	523	sheet fragment	folded	lead alloy	7	Knivesmire A	
286	525	waste fragment?		lead alloy	1	Knivesmire A	
286	526	sheet offcut	folded	lead alloy	7	Knivesmire A	
286	530	offcut?	irregularly shaped	lead alloy	6	Knivesmire A	
286	531	spillage?		lead alloy	4	Knivesmire A	
286	532	waste fragment		lead alloy	11	Knivesmire A	
286	533	spillage?		lead alloy	1	Knivesmire A	
286	539	fragment	undiagnostic	lead alloy	1	Knivesmire A	
286	542	sheet fragment	irregularly shaped	lead alloy	1	Knivesmire A	
286	544	?waste fragment		lead alloy	2	Knivesmire A	
286	535	fragment		lead alloy?	1	Knivesmire A	
286	527	slag		slag	52	Knivesmire A	9042
187	476	working waste?	tiny	copper alloy	1	Merchant A	9042
187	464	nail shank?		iron	1	Merchant A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
187	472	bolt	head and upper shank	iron	41	Merchant A	9042
187	473	nail shank?		iron	1	Merchant A	9042
197	493	hinge pivot?		iron	96	Merchant A	9042
197	494	?horseshoe nail	?trapezoidal head	iron	10	Merchant A	9042
197	497	nail		iron	7	Merchant A	
197	506	fragments	undiagnostic	iron	3	Merchant A	
197	507	nail shank	wood attached	iron	12	Merchant A	9042
197	508	screw?		iron	2	Merchant A	
197	513	nail fragment		iron	9	Merchant A	
197	514	nail fragment?		iron	3	Merchant A	
197	516	hinge pivot?		iron	25	Merchant A	9042
197	520	horseshoe nail	trapezoidal head	iron	10	Merchant A	9042
187	465	spillage?	blob	lead alloy	1	Merchant A	
187	466	spillage		lead alloy	1	Merchant A	
187	467	fragment	waste?	lead alloy	2	Merchant A	
187	468	?waste fragment		lead alloy	8	Merchant A	
187	469	fragment	undiagnostic	lead alloy	1	Merchant A	
187	470	spillage		lead alloy	3	Merchant A	
187	471	waste fragment		lead alloy	4	Merchant A	
187	474	fragment	undiagnostic	lead alloy	1	Merchant A	
197	492	sheet fragment?	sub circular	lead alloy	15	Merchant A	
197	495	fragment	tiny, spillage?	lead alloy	1	Merchant A	
197	496	fragment	tiny, undiagnostic	lead alloy	1	Merchant A	
197	498	shot	diam. 16mm	lead alloy	25	Merchant A	
197	499	sheet offcut?	sub semi circular	lead alloy	3	Merchant A	
197	500	spillage	waste	lead alloy	4	Merchant A	
197	501	fragment	undiagnostic	lead alloy	9	Merchant A	
197	502	fragment	undiagnostic	lead alloy	5	Merchant A	
197	503	spillage?	waste?	lead alloy	5	Merchant A	
197	504	fragment	tiny, undiagnostic	lead alloy	1	Merchant A	
197	505	spillage?	waste?	lead alloy	9	Merchant A	
197	509	spillage	compressed and distorted	lead alloy	30	Merchant A	
197	510	fragment	?sheet fragment	lead alloy	4	Merchant A	
197	512	fragment	undiagnostic	lead alloy	6	Merchant A	
197	515	spillage	tiny, waste	lead alloy	3	Merchant A	
197	517	fragment	tiny, undiagnostic	lead alloy	1	Merchant A	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
197	519	fragment	tiny, waste?	lead alloy	2	Merchant A	
197	521	fragment	?plug	lead alloy	23	Merchant A	
197	511	fitting	modern	steel?	2	Merchant A	9042
88	192	unworked fragment		bone	35	Orchard 1	9040
88	190	working waste?		copper alloy	7	Orchard 1	9040
88	171	nail		iron	7	Orchard 1	
88	172	nail		iron	18	Orchard 1	
88	173	nail shank?		iron	7	Orchard 1	9040
88	174	nail shank?		iron	7	Orchard 1	
88	177	nail shank?		iron	47	Orchard 1	9040
88	178	nail?		iron	21	Orchard 1	
88	179	nail		iron	4	Orchard 1	
88	180	?nail shank fragment		iron	3	Orchard 1	
88	181	nail shank		iron	6	Orchard 1	
88	182	nail		iron	7	Orchard 1	
88	183	nail		iron	11	Orchard 1	
88	184	nail		iron	17	Orchard 1	
88	185	nail fragment?		iron	4	Orchard 1	9040
88	186	plate fragment	with 2 rivets	iron	14	Orchard 1	9040
88	187	nail		iron	5	Orchard 1	9040
88	188	?nail shank fragment		iron	4	Orchard 1	
88	189	fragment	undiagnostic	iron	38	Orchard 1	9040
88	193	wire fragment		iron	1	Orchard 1	
88	194	nail		iron	9	Orchard 1	
88	196	nail		iron	19	Orchard 1	
88	197	nail shank?		iron	9	Orchard 1	9040
88	199	nail		iron	17	Orchard 1	
88	201	nail shank		iron	5	Orchard 1	
88	203	horseshoe fragment	lobed, 1 nail in situ	iron	75	Orchard 1	9040
88	204	?tool fragment	possibly bevelled end and part of shaft	iron	38	Orchard 1	9040
88	205	nail shank		iron	7	Orchard 1	
88	207	nail shank		iron	8	Orchard 1	
88	209	nail shank?		iron	9	Orchard 1	
88	211	nail shank		iron	2	Orchard 1	
88	212	nail shank		iron	10	Orchard 1	
88	213	nail		iron	4	Orchard 1	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
88	216	nail		iron	7	Orchard 1	
88	217	nail		iron	10	Orchard 1	
88	169	spillage?		lead alloy	3	Orchard 1	
88	170	spillage?	waste?	lead alloy	6	Orchard 1	
88	175	sheet fragment	folded and distorted	lead alloy	24	Orchard 1	
88	176	sheet offcut	irregularly shaped	lead alloy	9	Orchard 1	
88	191	plug	thick, circular	lead alloy	27	Orchard 1	
88	195	sheet fragment	irregularly shaped	lead alloy	20	Orchard 1	
88	198	fragment	undiagnostic	lead alloy	2	Orchard 1	
88	200	sheet fragment	irregularly shaped	lead alloy	8	Orchard 1	
88	208	sheet fragment	irregularly shaped	lead alloy	3	Orchard 1	
88	210	waste fragment		lead alloy	4	Orchard 1	
88	215	ring - ?buckle frame	oval, slightly distorted, no pin	lead alloy	4	Orchard 1	9040
88	206	strip		metal	7	Orchard 1	9040
88	214	fragment		metal?	4	Orchard 1	
88	168	fragments		non metal	95	Orchard 1	9040
88	202	staple or lock bolt	large U-shaped		114	Orchard 1	9042
87	137	object	incomplete, unidentifiable	?	31	Orchard 3	9040
87	166	incomplete object	grooved - show Mags	?	4	Orchard 3	
87	102	?buckle frame fragment	?rectangular originally	copper alloy	3	Orchard 3	9039
87	141	curved strip	?binding, with ?rivet holes	copper alloy	3	Orchard 3	9039
87	151	pin shank		copper alloy	1	Orchard 3	9040
87	158	lock plate fragment?	with rivet at one end	copper alloy	4	Orchard 3	9039
87	78	nail shank		iron	4	Orchard 3	
87	79	fitting	modern	iron	5	Orchard 3	9039
87	80	nail		iron	3	Orchard 3	
87	81	nail		iron	24	Orchard 3	9040
87	83	nail shank	fragment?	iron	3	Orchard 3	
87	84	nail?		iron	5	Orchard 3	
87	85	nail shank		iron	1	Orchard 3	
87	88	nail shank		iron	6	Orchard 3	
87	90	nail shank	or rivet fragment	iron	1	Orchard 3	
87	92	nail		iron	5	Orchard 3	
87	93	nail head		iron	6	Orchard 3	
87	94	nail shank	fragment?	iron	2	Orchard 3	
87	95	fragment	undiagnostic	iron	2	Orchard 3	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
87	96	nail shank		iron	5	Orchard 3	
87	97	fragment	undiagnostic	iron	1	Orchard 3	
87	99	nail shank		iron	2	Orchard 3	
87	106	fragment	undiagnostic	iron	1	Orchard 3	
87	109	nail fragment?		iron	6	Orchard 3	
87	110	nail		iron	4	Orchard 3	
87	111	nail shank		iron	2	Orchard 3	
87	112	fragment	undiagnostic	iron	4	Orchard 3	9039
87	113	fragment	undiagnostic	iron	2	Orchard 3	
87	114	nail	modern	iron	7	Orchard 3	9040
87	115	nail shank		iron	1	Orchard 3	
87	118	nail shank?		iron	13	Orchard 3	
87	121	horseshoe nail	fiddle key?	iron	7	Orchard 3	9039
87	128	strip fragment?		iron	1	Orchard 3	
87	133	nail		iron	4	Orchard 3	
87	134	nail shank		iron	4	Orchard 3	
87	136	nail shank		iron	6	Orchard 3	
87	138	fragment	undiagnostic	iron	21	Orchard 3	9040
87	142	spike	or long nail shank	iron	36	Orchard 3	9040
87	143	nail fragment		iron	8	Orchard 3	
87	144	nail		iron	10	Orchard 3	
87	145	nail		iron	4	Orchard 3	
87	146	spike	or long nail shank	iron	83	Orchard 3	9040
87	149	nail		iron	11	Orchard 3	
87	152	fragment	with wood remains	iron	36	Orchard 3	9040
87	154	nail?		iron	16	Orchard 3	
87	156	horseshoe nail	fiddle key?	iron	5	Orchard 3	9040
87	157	fragments	undiagnostic	iron	3	Orchard 3	
87	160	nail fragment?		iron	15	Orchard 3	9040
87	161	nail		iron	6	Orchard 3	
87	162	nail		iron	36	Orchard 3	
87	163	nail		iron	34	Orchard 3	
87	165	nail shank		iron	11	Orchard 3	9040
87	167	strip	with rivet at one end	iron	2	Orchard 3	9039
87	77	wire fragment		iron?	1	Orchard 3	
87	82	rod	both ends broken, one bent up	lead alloy	8	Orchard 3	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
87	86	fragment	tiny, undiagnostic	lead alloy	1	Orchard 3	
87	87	spillage?		lead alloy	4	Orchard 3	
87	89	spillage?	waste fragment?	lead alloy	4	Orchard 3	
87	98	fragment	tiny, undiagnostic	lead alloy	1	Orchard 3	
87	100	fragment	tiny, undiagnostic	lead alloy	1	Orchard 3	
87	101	?spillage		lead alloy	4	Orchard 3	
87	103	sheet or strip offcut	rectangular	lead alloy	6	Orchard 3	
87	108	spillage?	metalworking waste fragment?	lead alloy	18	Orchard 3	
87	117	sheet fragment	folded and irregularly shaped, scrap?	lead alloy	14	Orchard 3	
87	119	offcut?	sub semi circular	lead alloy	13	Orchard 3	
87	120	spillage	waste	lead alloy	29	Orchard 3	
87	125	fragment	?waste	lead alloy	1	Orchard 3	
87	126	?spillage		lead alloy	8	Orchard 3	
87	130	plug?	sub-rectangular	lead alloy	19	Orchard 3	
87	131	fragment	tiny, undiagnostic	lead alloy	1	Orchard 3	
87	135	spillage?	small	lead alloy	2	Orchard 3	
87	148	spillage?	waste fragment?	lead alloy	7	Orchard 3	
87	155	sheet fragment	irregularly shaped, ?scrap	lead alloy	2	Orchard 3	
87	164	strip offcut	folded	lead alloy	6	Orchard 3	
87	91	decorative mount?	circular with floral cut-outs	metal	1	Orchard 3	9039
87	124	fragment	undiagnostic	metal?	1	Orchard 3	
87	139	slag		slag	51	Orchard 3	9040
87	159	shot	not seen		7	Orchard 3	
219	553	buckle	oval shaped, decorative frame and pin rest, narrowed pin bar	copper alloy	6	Plaza	9044
401	581	buckle	sub-rectangular, large pin rest, narrowed pin bar + pin	copper alloy	3	Plaza	9044
401	588	fitting	appears modern and structural	copper alloy	94	Plaza	9042
402	n/a	decorative plate	openwork with 2 suspension loops, no rivet holes, appears modern?	copper alloy		Plaza	9045
493	606	nail		copper alloy		Plaza	
493	609	stud		copper alloy		Plaza	
493	632	object	decorative terminal, shaft ?of sub-rectangular section, in 2 adjoining fragments. A-S? INVESTIGATE	copper alloy		Plaza	9044
493	646	buckle	sub oval, rectangular integral loop for strap, decorative pin bar around pin attachment	copper alloy		Plaza	9044

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
493	710	nail	or tack	copper alloy		Plaza	9044
493	711	fragments	x 5, undiagnostic	copper alloy		Plaza	9044
219	561	stud, incomplete, flat ?circular head		copper alloy?	5	Plaza	9044
219	546	nail fragment		iron	2	Plaza	
219	547	nail		iron	4	Plaza	
219	548	fragment	undiagnostic	iron	1	Plaza	
219	549	modern nail		iron	1	Plaza	
219	550	nail fragment		iron	4	Plaza	
219	551	nail fragment		iron	12	Plaza	
219	554	?wire fragment		iron	1	Plaza	
219	557	nail?		iron	10	Plaza	
219	558	nail		iron	6	Plaza	
219	562	nail shank fragment		iron	1	Plaza	
219	563	nail shank fragment		iron	2	Plaza	
219	564	nail		iron	8	Plaza	9044
219	565	fragment	undiagnostic	iron	3	Plaza	9044
219	566	nail		iron	11	Plaza	
219	567	fragments	x 2 undiagnostic	iron	9	Plaza	9044
219	568	nail	T-shaped	iron	6	Plaza	9044
219	569	nail shank fragment		iron	4	Plaza	
219	570	nail		iron	4	Plaza	
219	571	?nail shank		iron	5	Plaza	
219	572	nail		iron	4	Plaza	
219	574	fragment	undiagnostic	iron	1	Plaza	
219	576	wire fragment		iron	1	Plaza	
219	577	?hob nail		iron	1	Plaza	
219	579	nail		iron	6	Plaza	
251	n/a	horseshoe nails, nail, fragments	5 x fiddle key, 2 x horseshoe nails with unclear head. T-shaped nail. Frags x 4 undiagnostic	iron		Plaza	9049
251	n/a	knife, strips	incomplete whittle tang knife. 2 x strips connected by nail at one end	iron		Plaza	9049
251	n/a	Nails and nail fragments	c.45	iron		Plaza	
401	580	nail fragment		iron	2	Plaza	
401	582	nail shank		iron	5	Plaza	
401	583	fragments	x 2 undiagnostic	iron	1	Plaza	
401	584	nail shank fragment		iron	4	Plaza	

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
401	585	nail shank fragment		iron	5	Plaza	
401	586	nail		iron	16	Plaza	
401	587	wire	or pin	iron	4	Plaza	9044
401	589	object	incomplete, ?strip, one end looped up and round, no nail holes	iron	46	Plaza	9044
401	591	nail fragment		iron	5	Plaza	
401	592	lump	undiagnostic	iron	34	Plaza	9044
401	593	nail fragment?		iron	7	Plaza	
401	594	bar		iron	194	Plaza	9044
401	595	nail		iron	4	Plaza	
401	596	nail fragment		iron	4	Plaza	
402	n/a	strip, nail shanks, buckle pin?	strip fragment with nail through, shanks x 2, possible buckle pin	iron		Plaza	9045
493	604	nail		iron		Plaza	
493	607	fragment	undiagnostic	iron		Plaza	
493	608	nail shank?		iron		Plaza	
493	615	nail shank?		iron		Plaza	
493	616	nail shank		iron		Plaza	
493	617	horseshoe nail	fiddle key	iron		Plaza	
493	618	nail		iron		Plaza	
493	619	nail shank	fragments x 2	iron		Plaza	
493	620	nail shank?		iron		Plaza	
493	621	nail fragment		iron		Plaza	
493	622	strip fragment?	tapering	iron		Plaza	
493	623	horseshoe nail	fiddle key?	iron		Plaza	
493	625	nail fragments	x 3	iron		Plaza	
493	626	Lump	unidentifiable	iron		Plaza	9044
493	628	strip fragment	one end bent up	iron		Plaza	
493	630	horseshoe nail	fiddle key	iron		Plaza	9044
493	631	horseshoe nail?	head incomplete	iron		Plaza	9044
493	633	nail shank		iron		Plaza	
493	634	horseshoe nail	fiddle key	iron		Plaza	9044
493	635	fragment	undiagnostic	iron		Plaza	
493	636	nail fragments?		iron		Plaza	
493	637	nail		iron		Plaza	
493	638	bar	tapering	iron		Plaza	9044

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
493	639	nail shank		iron		Plaza	
493	640	rod?		iron		Plaza	9044
493	641	nail shank?		iron		Plaza	
493	642	nail shank		iron		Plaza	
493	643	nail shank?		iron		Plaza	9044
493	644	nail shank	fragments x 2	iron		Plaza	
493	645	nail shank		iron		Plaza	
493	647	nail shank		iron		Plaza	
493	648	nail shank		iron		Plaza	
493	649	nail		iron		Plaza	
493	650	nail		iron		Plaza	
493	651	staple fragment?	rectangular staple fragment or pin shank	iron		Plaza	9044
493	652	nail shank		iron		Plaza	
493	655	lump	undiagnostic	iron		Plaza	9044
493	656	nail shank?		iron		Plaza	
493	657	nail shank?		iron		Plaza	
493	658	fragment	undiagnostic	iron		Plaza	9044
493	659	nail		iron		Plaza	
493	660	nail		iron		Plaza	
493	662	blade fragment	no tang	iron		Plaza	9045
493	663	nail shank		iron		Plaza	
493	700	buckle fragment?	small fragment, identification uncertain	iron		Plaza	9045
493	701	fragment	undiagnostic	iron		Plaza	
493	702	strip	tapering, one incomplete end looped up and over. No holes so prob not hinge strap	iron		Plaza	9045
493	703	strip fragment	curved	iron		Plaza	9045
493	704	nail shank?		iron		Plaza	9044
493	706	nail shank?		iron		Plaza	
493	707	nail		iron		Plaza	
493	708	keys	x 2 both fixed lock with hollow stems, asymmetrical bits to side. 1 x diamond shaped bow, 1 x suboval bow	iron		Plaza	9045
493	713	nail shank		iron		Plaza	
493	714	nail		iron		Plaza	
493	715	fragments	undiagnostic	iron		Plaza	
493	716	bar?	or offcut	iron		Plaza	9045

Context Number	Finds Number	Object	Comments	Material	Weight (grams)	Area	x rayed?
494	n/a	?mount		copper alloy		Plaza	
494	n/a	nails, bar, fragments	3 x nails (1 = modern), ?bar, frags x 6 undiagnostic	iron		Plaza	9049
493	661	knives, nail, staple fragment, strip fragment	small whittle tang knives x 2, both incomplete. 1 x square headed nail. 1 x ?rectangular staple fragment, 3 x undiagnostic fragments. Copper alloy strip fragment	iron, copper alloy		Plaza	9044
219	545	?waste fragment		lead alloy	5	Plaza	
219	552	sheet fragment		lead alloy	3	Plaza	
219	555	?strip fragment		lead alloy	40	Plaza	9044
219	556	waste fragment		lead alloy	2	Plaza	
219	559	rod?		lead alloy	3	Plaza	
219	560	fragment	undiagnostic	lead alloy	3	Plaza	
219	573	?spillage		lead alloy	5	Plaza	
219	575	spillages?	x 2 undiagnostic	lead alloy	4	Plaza	
219	578	offcut		lead alloy	52	Plaza	
251	n/a	washer?, sheet fragments	sheet frags x 4	lead alloy		Plaza	
251	n/a	washer?, sheet fragments	sheet frags x 4	lead alloy		Plaza	
401	590	sheet fragment	folded, irregularly shaped, ?scrap	lead alloy	8	Plaza	
493	610	fragment	tiny, possibly waste?	lead alloy		Plaza	
493	611	fragment	tiny, undiagnostic	lead alloy		Plaza	
493	612	fragment	tiny, undiagnostic	lead alloy		Plaza	
493	613	sheet fragment	irregularly shaped	lead alloy		Plaza	
493	624	Spillage?	working waste?	lead alloy		Plaza	
493	627	strip fragment	twisted and distorted	lead alloy		Plaza	
493	629	tube	rolled	lead alloy		Plaza	
493	653	Folded sheet fragment	irregularly shaped	lead alloy		Plaza	
493	709	fragment	tiny, undiagnostic	lead alloy		Plaza	
493	712	fragment	folded and distorted	lead alloy		Plaza	
493	705	slag		slag		Plaza	9045
493	654	Spillage?	tiny			Plaza	

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A fragment of worked rock crystal was recovered from context 335. This was the fill of a small pit, 336, which was dated to the 11th or 12th century, though it contained some residual Roman pottery. The fragment has two surviving worked surfaces, one almost flat and the other convex, and the two surfaces meet at a curving juncture (Fig.1). It is difficult to reconstruct the original shape from a fragment that measures only 19 x 16 x 14 mm, but if the surviving arcs are extended, the object forms a rounded cone of up to 30 mm diameter and 25 mm tall (Fig.2). Its profile is consistent with the shapes of crystal gemstones of the 9th century onwards, which were usually domed or 'hog-backed'. The fragment weighs 4g.



Fig.1. Three different views of the rock crystal fragment from context 335. © The Anglo-Saxon Laboratory.

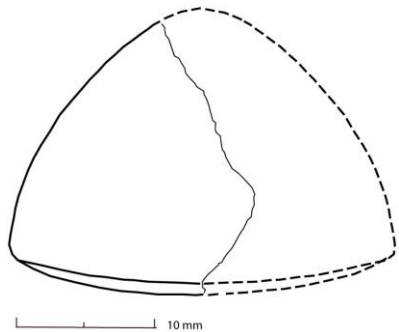


Fig.2. Reconstruction of original shape of crystal fragment from context 335. The Anglo-Saxon Laboratory.

The material has been identified as rock crystal, which is a variety of macrocrystalline quartz, chemically silicon dioxide, from the following features (derived from the mineral database at <https://www.mindat.org/min-3337.html> and the author's collection of reference material). It is entirely transparent and colourless, with no surface patina or iridescence. It displays conchoidal fractures, a feature shared with glass, but trails of what look like small bubbles at x10 magnification, viewed at x40-x100

magnification prove to be rows of irregularly shaped flaws, arranged in flat planes. From comparison with raw quartz crystals and worked crystal objects in the author's collection, this feature differentiates rock crystal from glass. As a hardness test, a sharp edge was drawn across a glass microscope slide, which it scratched easily: this is in accord with the hardness of 7 on the Mohs scale reported for quartz. Glass tested in the same way, skidded across the surface without leaving a mark.

In the Roman period, crystal was valued more highly than gold and was carved into objects such as drinking vessels and perfume flasks (Vickers 1996). Its use in vessels re-emerged in the Islamic world, but in early medieval western Europe it was mainly made into small objects such as crystal balls, amulets and intaglios (Gerevini 2014; Kornbluth 1995). In the 9th to 13th centuries, however, crystal in the west came to be more commonly used as a gemstone to ornament other materials (Gerevini 2014). Along with other precious and semi-precious stones, rock crystal gems can be found on book covers, reliquaries, processional crosses and other liturgical artefacts (Fig.3a-c). Most of these are cut without facets, cabochon-style (oval or circular with a flat back and domed upper face). They were sometimes placed over painted images or fragments of relics to magnify the image and give it a liquid, other-worldly appearance, although the steep profile of this particular fragment more closely resembles those gems set individually into metalwork. The large stones set in collared mounts in the 13th-century reliquary bust of Saint Yrieix, for example, have a similar contour (Fig.3c).

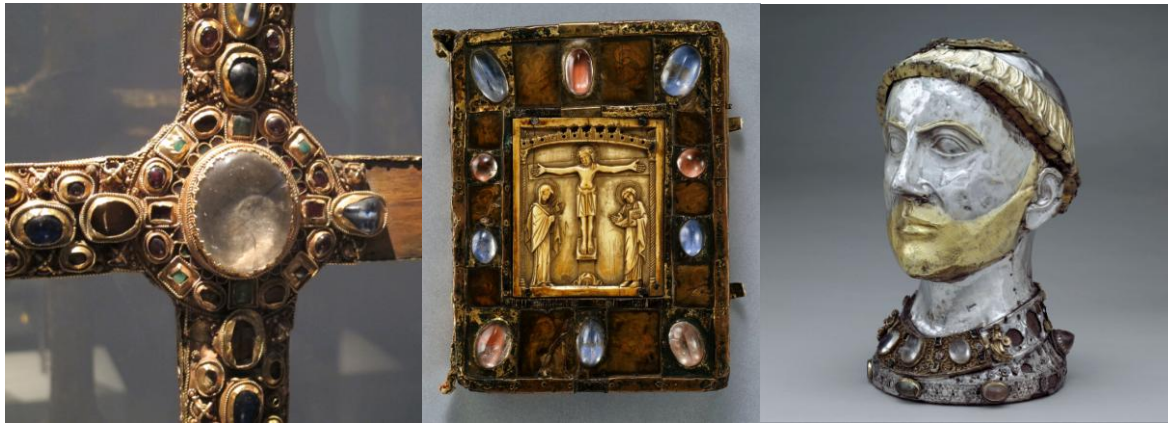


Fig.3a: A large crystal gemstone at the centre of the Ardennes processional cross. This is a Carolingian *crux gemmata* dated to the 2nd quarter of the 9th century. Made of wood and encrusted with gilded copper, gold filigree, gemstones and coloured glass, the cross measures 655 x 452 mm and is approximately 43 mm thick. Photo: Monika Runge, © Germanisches Nationalmuseum Stiftung.

Fig.3b: The front cover of the Bernward Gospels, in the Cathedral Museum, Hildesheim, Germany, dated to the second half of the 12th century. Its materials are gilded copper, rock crystal, paint on parchment under horn on oak, combined with a Byzantine ivory plaque. Dimensions c. 280 x 200 mm. Photo: Erika Dufour, © Art Institute of Chicago.

Fig.3c: The reliquary bust of Saint Yrieix, dated to c. 1220-1240 with later addition on top of head. It is made of silver and gilt silver, set with rock crystal, other gems and glass and covers a wooden core. Made in Limoges, France, and now in the collection of the Metropolitan Museum of Art, New York, gift of J Pierpoint Morgan, accession number 17.190.352a, b. Dimensions 381 x 234 x 261 mm. © Metropolitan Museum of Art.

It is evident from Anglo-Norman 'lapidaries' (texts concerning the properties of gems) that gemstones in general, and crystal in particular, had acquired significant symbolic meaning by this time (Studer and Evans 1976). As Stefania Gerevini describes, 'Due to its physical properties of hardness and transparency and its widely accepted associations with congealed water, rock crystal was approached in the medieval West as a metaphor for a variety of theological notions: angelic natures, the Incarnation of Christ, the sacrament of baptism and the miraculous conversion of souls hardened by sin' (Gerevini 2014, 92). This helps explain the popularity of crystal gems in the liturgical arts of the period. Two other examples of crystal gems have been found in York, one dated to the early-mid 14th century and the other from an uncertain context, but both from the site of the College of the Vicars Choral in Bedern (Rees 2002).

To summarise, this fragment is most likely to represent a gemstone originally set in an object connected with Christian ritual. In the Anglo-Norman period, such items were mostly associated with churches and monastic foundations, or with their wealthy patrons

Penelope Walton Rogers, The Anglo-Saxon Laboratory, 29 November 2017

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21/12/2017

Roman:

1) Orchard 3, [87], sf. 140.

Probably Titus under Vespasian, as, AD 77-78, RIC 785; ed.2, V1270-2, C/?SW-W (see my guidance note for explanations of wear assessments).

2) Orchard 3, [87], sf. 122.

Probably Vespasian/Titus, as, AD 71-81, C/C

3) Area A, [90], sf. 218.

Titus under Vespasian, as, AD 77-78, RIC 786; ed. 2, V1273, SW/SW

4) Area A, [171], sf. 220.

Illegible C1st/2nd, as, AD 71-161, C/C

5) Area A, [121], sf. 121.

Illegible C1st/2nd, as, AD 71-161, C/C

6) Orchard 3, [87], sf. 123.

Illegible C1st/2nd, perhaps Hadrian, as, AD 71-161, perhaps 117-38, C/C

7) Area D, [14], sf. 23.

Geta, Caesar, denarius, AD 200-02, RIC 18, W/W

8) Orchard 3, [87], sf. 129.

Julia Domna, denarius, AD 211-17, RIC Caracalla 390, W/W

9) Orchard 3, [87], sf. 127.

Radiate copy, 'antoninianus', AD '260-73', 12 mm, W/W

10) Orchard 3, [87], sf. 147.

Radiate copy, 'antoninianus', AD '260-73', 12.5 mm, W/W

11) Allerton A, [184], sf. 431.

Radiate copy, 'antoninianus', AD 260-73', 10 mm, W/W

12) Allerton A, [184], sf. 452.

Victorinus, antoninianus, AD 268-70, W/W

13) Plaza, [478].

Illegible C3rd/4th, probably Radiate, antoninianus, AD 260-378, probably 260-73, C/C

14) Allerton A, [184], sf. 454.

C3rd/4th, probably Radiate, antoninianus, AD 260-378, probably 260-73, ?W/C

15) Orchard 3, [87], sf. 150.

Allectus, aurelianus, AD 293-96, SW/SW

16) Allerton A, [184], sf. 456.

Illegible C3rd/4th, AD 260-378, C/C

17) Orchard 3, [87], sf. 116.

House of Constantine, Victoriae Laetae Princ Perp, AD 319-20, ?SW/SW

18) Orchard 3, [87], sf. 105.

House of Constantine, Gloria Exercitus 2 standards, AD 330-35, W/W

19) Orchard 3, [87], sf. 153.

Constantine II, Caesar, Gloria Exercitus 2 standards, AD 330-35, W/W

20) Spoil heap, Plaza, [251].

Constantine I fragment, Constantinopolis, AD 330-35, UW/UW

21) Allerton A, [184], sf. 403.

Constantine I, Urbs Roma, AD 330-35, C/?W

22) Orchard 3, [87], sf. 104.

Valentinian I, Securitas Reipublicae, AD 364-75, W/W

23) Orchard 3, [87], sf. 107.

House of Valentinian, Securitas Reipublicae, LG/AR, AD 364-78, W/W

24) Allerton A, [184], sf. 455.

C4th, perhaps Theodosian, AD 330-402, perhaps 388-402, C/C (visible on xray; coin completely obscured by soil etc.)

Post-Roman:

25) Plaza, [493], sf. 614.

Eadberht, King of Northumbria, denarius, AD 737-58, North 177, slight wear

26) Merchant A, [187], sf. 475.

Henry II – Henry III, ½ short-cross penny, AD 1247-78, slight wear

27) Merchant A, [197], sf. 518.

Henry II – Henry III, ½ short-cross penny, AD 1180-1247, Canterbury mint, worn

28) Area D, [14], sf. 24.

Henry II – Henry III, ¼ short-cross penny, AD 1180-1247, worn

29) Area A, [127], sf. 289.

Edward I – Edward III (and more closely identifiable if necessary), silver penny, AD 1279-1377, London Mint, worn

30), Knavesmire A, [286], sf. 538.

Alexander III, Scottish silver penny, AD 1280-86, fairly worn

31) Plaza, [526] 1.

Alexander III, Scottish long cross penny, AD 1249-80, worn

32) Area A, [127], sf. 248.

Elizabeth I, sovereign-type silver penny, AD 1558-1603, very worn

33) Plaza metal, [493], sf. 605.

Victoria, silver 6d, AD1864, very worn

34) Area A, [127], sf. 487.

Modern trade token (probably identifiable), C19th/20

Methods

The lithologies of the submitted sediment samples were recorded using a standard *pro forma*. Three samples from 'Area A' were selected (in consultation with the excavator) for further investigation and were processed for the recovery of plant, invertebrate and vertebrate remains (macrofossils), broadly following the techniques of Kenward *et al.* (1980), producing a residue and a washover for each. The two other samples from 'Area A' and the single sample from the 'Plaza' area were investigated for microfossils (see below) but not processed for macrofossil recovery.

The deposits did not appear to contain ancient uncharred organic remains preserved by anoxic waterlogging (although there were some uncharred remains within the Context 150, the fill of a 19th century brick well) and the washovers were dried prior to examination for macrofossils using a low-power microscope (x7 to x45 magnification).

The residues were primarily mineral in nature and were dried prior to the recording of their components; the weights and descriptions of the residues were recorded after sorting. The residues were separated into fractions (using 1 and 10 mm sieves) to facilitate recording. Data acquired refer to the larger items which have been extracted; smaller fragments remain in the residues and details of these are not included. All biological remains (including charcoal, shell, bone) and artefactual materials (e.g. pottery, slag) were sorted to 1 mm; residue less than 1 mm was retained unsorted. The residue fractions (including the less than 1 mm fraction) were scanned for magnetic material.

The processed sample fractions (washovers and residues) were scanned until no new remains were observed and a sense of the abundance of each taxon or component was achieved and these were recorded either as counts or using a five-point semi-quantitative scale as: 1 – few/rare, up to 3 individuals/items or a trace level component of the whole; 2 – some/present, 4 to 20 items or a minor component; 3 – many/common, 21 to 50 or a significant component; 4 – very many/abundant, 51 to 200 or a major component; and 5 – super-abundant, over 200 items/individuals or a dominant component of the whole. The abundance of recovered organic and other remains within the sediments as a whole may be judged by comparing the washover volumes and the quantities of remains recovered from the residues with the size of the processed sediment samples.

Plant macrofossil identifications were attempted by comparison with modern reference material (where possible), and the use of published works (e.g. Cappiers *et al.* 2006; Jacomet 2006). Nomenclature follows Stace (1997).

Species identifications were attempted for a small number of charcoal and wood fragments (all over 4 mm) recovered from the sediment samples. Pieces were broken to give clean cross-sectional surfaces and the anatomical structures were examined using a low-power binocular microscope (x7 to x45) and higher magnification where necessary (x100 and x150). Identifications were attempted by comparison with modern reference material where possible, and with reference to published works (principally Hather 2000 and Schoch *et al.* 2004).

During recording, consideration was given to the identification of suitable remains (if present) for possible submission for radiocarbon dating by standard radiometric technique or accelerator mass spectrometry (AMS).

A small subsample (of approximately 5 ml) of sediment was extracted from each sample for examination for microfossils. These were investigated using the 'squash' technique of Dainton (1992), originally designed specifically to assess the content of eggs of intestinal parasitic nematodes; however, this method routinely reveals other microfossils, such as pollen and diatoms, which were also noted if present. The slides were scanned at x150 magnification and at x600 where necessary.

Results

The results of the investigation of the samples selected for processing are presented below in context number order by Area. Archaeological information, provided by the excavator, is given in square brackets. An estimate of the remaining volume of unprocessed sediment follows (in round brackets) after the sample numbers.

AREA A

Context 142 [fill of Bronze Age ditch [143]]

Sample 10/T (11 kg/8 litres sieved to 300 microns with washover and microfossil 'squash'; approximately 5 ml of unprocessed sediment remain)

Moist, light/mid brown to mid grey-brown, unconsolidated with crumbly lumps (working soft and slightly plastic), slightly sandy slightly clay silt. Stones (2 to over 60 mm) were present.

The very small washover (~20 ml; dry weight 8.6 g) was mostly rootlet and sand (both abundance score 5). Minor components were coal (to 6 mm), cinder (to 8 mm) and indeterminate rectilinear charcoal (to 4 mm) – all score 2. There were also some 'spheroids' of hammerscale/slag (to 2 mm; score 2) and three charred grains. The last were

all rather sediment encrusted but provisionally identified (in part) as two of ?wheat (cf. *Triticum*) and one of ?oat (cf. *Avena*); there was no accompanying charred cereal chaff.

The relatively small residue (dry weight 1776.3 g: >10 mm – 784.6 g; 1-10 mm – 555.1 g; <1 mm – 436.6 g) was mostly stones (to 70 mm; score 5 – including flint) and sand (score 3; almost all of the less than 1 mm fraction), with traces of indeterminate rectilinear charcoal (to 4 mm; <0.1 g; score 1) and modern rootlet (score 1). The trace level of magnetic material present (to 5 mm; <0.1 g; score 1).was predominantly ?heat-affected sand grains but included a little amorphous slag (four pieces to 5 mm; <0.1 g) and one sphere of hammerscale (to 1 mm; <0.1 g).

The ‘squash’ subsample was almost entirely inorganic, with a trace (<5%) of organic detritus and a few fungal hyphae (score 1). No eggs of intestinal parasites or other interpretatively valuable microfossils were present.

Context 150 [fill of 19th century brick well [151]]

Sample 13/T (17 kg/14 litres sieved to 300 microns with washover and microfossil ‘squash’; approximately 5 ml of unprocessed sediment remain)

Moist, mid brown to mid grey-brown, firm (working soft and slightly plastic), slightly sandy slightly clay silt. Stones (2 to over 60 mm), coal and cinder were present.

The large washover (~400 ml; dry weight 144.4 g) was mostly composed of roughly equal parts of rather decayed wood fragments (to 50 mm), plant detritus (perhaps most likely from further decayed wood), rootlet and sand – all abundance score 4 or 5; there were also some more substantial ‘woody’ root fragments (to 4 mm diameter; score 2) and occasional pieces of bark (to 60 mm; score 2). Most of the wood fragments were rectilinear and all of the seven fragments examined more closely were of a diffuse-porous species, probably all apple-type (Maloideae), including a small roundwood twig with bark that represented just 1 or 2 years of wood growth. A very restricted suite of uncharred ‘seeds’ was also present (totalling perhaps 50 individual items at most) which comprised a few achenes of dock (*Rumex*; score 1 with rather larger numbers of orache/goosefoot (*Atriplex/Chenopodium*) seeds (score 3) and blackberry/raspberry (*Rubus fruticosus* L. agg./*R. idaeus* L.) fruit stones (score 3). Charred plant remains were restricted to a little charcoal (to 6 mm; score 2) which was almost all rectilinear and indeterminate but included a single roundwood twig fragment (to 6 mm) which was of a diffuse-porous species and only a single year of wood growth. Other minor components included coal (to 10 mm), cinder (to 19 mm) and spheroids of ?hammerscale/slag (to 2 mm) – all score 2 – and there were also some earthworm egg capsules and beetle sclerites (and fragments thereof) – also both score 2 but probably modern.

The relatively small residue (dry weight 2454.3 g: >10 mm – 954.2 g; 1-10 mm – 753.1 g; <1 mm – 747.0 g) was mostly stones (to 80 mm; score 5 – including chalk) and sand (score 3; almost all of the less than 1 mm fraction),. There were also small quantities of artefactual materials in the form of brick fragments (to 50 mm; 38.2 g; score 1), cinder (to 35 mm; 21.9 g; score 1 – also a conglomerate lump of slag/cinder/?mortar (to 35 mm; 20.6 g), coal (to 15 mm; 2.6 g), slag (to 20 mm; 5.6 g; score 1), glass (two

shards to 7 mm; <0.1 g; clear and most likely modern), pot (three sherds to 12 mm; 0.1 g) and two spheres (of ?hammerscale or perhaps shot to 3 mm; <0.1 g). Organic remains present comprised bone (seven indeterminate fragments to 12 mm; 0.5 g) and wood fragments (approximately 20 in total, to 40 mm; 1.8 g). The trace level of magnetic material present (to 1.5 mm; <0.1 g) was predominantly ?heat-affected sand grains but included a little sphere (to 1.5 mm; <0.1 g; score 1) and flake (to 1 mm; <0.1 g; score 1) hammerscale.

The 'squash' subsample was mostly inorganic, with some organic detritus (10-20%) and a few fragments of plant tissue and fungal hyphae (the two last both score 1). No eggs of intestinal parasites or other interpretatively valuable microfossils were present.

Context 167 [fill of 12th-13th century medieval boundary/drainage ditch [168]]

Sample 12/T (description and microfossil 'squash'; approximately 10 litres of unprocessed sediment remain)

Moist, light/mid brown to light/mid grey-brown, unconsolidated to crumbly (working soft and somewhat plastic), sandy clay. Stones (2 to 60 mm) and ?brick/tile were present.

The 'squash' subsample was entirely inorganic. No organic detritus or interpretatively valuable microfossils were present.

Context 179 [fill of Bronze Age pit [180]]

Sample 16/T (12.75 kg/10 litres sieved to 300 microns with washover and microfossil 'squash'; approximately 5 ml of unprocessed sediment remain)

Moist, mid brown to mid grey-brown, unconsolidated with crumbly lumps (working soft and slightly plastic), sandy clay silt. Stones (2 to over 60 mm), were common.

The tiny washover (~5 ml; dry weight 5.8 g) was mostly sand (abundance score 5). Small fragments of charcoal (to 7 mm) were common (score 3) but all were rectilinear and all but two pieces were less than 4 mm; one of the two largest fragments was partially identified as a diffuse-porous species but the other crumbled when identification was attempted. There were also traces of coal (to 4 mm; score 1) and a few spheroids of ?hammerscale/slag (to 2 mm; score 1). Uncharred organic material was mostly represented by rootlet (score 2) but a few earthworm egg capsules (score 1) and a single blackberry/raspberry fruit stone were also noted.

The medium-sized residue (dry weight 4531.3 g; >10 mm – 2259.3 g; 1-10 mm – 1324.9 g; <1 mm – 947.1 g) was mostly stones (to 120 mm; score 5 – including flint) and sand (score 3; almost all of the less than 1 mm fraction), with a trace of modern rootlet (score 1). The trace level of magnetic material present (to 10 mm; 0.5 g; score 1).was almost all ?heat-affected sand grains and a single stone (to 10 mm; 0.5 g) but also included one or two two flakes and spheres of hammerscale (to 1 mm; <0.1 g).

The ‘squash’ subsample was almost entirely inorganic, with a trace (<5%) of organic detritus. No eggs of intestinal parasites or other interpretatively valuable microfossils were present.

Context 190 [fill of Bronze Age ditch [182]]

Sample 18/T (description and microfossil ‘squash’; approximately 5 litres of unprocessed sediment remain)

Moist, light/mid brown to light/mid grey-brown, somewhat stiff to slightly crumbly (working soft and more or less plastic), slightly sandy slightly silty clay. Stones (2 to 60 mm) and modern rootlets were present.

The ‘squash’ subsample was almost entirely inorganic, with a trace (<5%) of organic detritus and a few fungal hyphae (score 1). No eggs of intestinal parasites or other interpretatively valuable microfossils were present.

PLAZA

Context 513 [orange upper fill (of three) of feature [514]]

Sample 50/T (description and microfossil ‘squash’; approximately 12 litres of unprocessed sediment remain)

Moist to wet, light/mid brown to light/mid grey-brown, unconsolidated to very slightly sticky (working soft), sandy silt (slightly ?clay in places). Stones (2 to 60 mm) were present.

The ‘squash’ subsample was almost entirely inorganic, with a trace (<5%) of organic detritus and a few fungal hyphae (score 1). No eggs of intestinal parasites or other interpretatively valuable microfossils were present.

Discussion and statement of potential

Very few biological remains were recovered from the two samples from Bronze Age deposits processed for macrofossil recovery in 'Area A' – Contexts 142 (fill of ditch [143]) and 179 (fill of pit [180]). Both yielded a little rectilinear charcoal but the fragments were small and none could be identified to species – this material presumably represents fuel waste and both deposits also contained traces of coal, with a little cinder recovered from Context 142. Other charred plant macrofossils were restricted to three sediment encrusted charred grains from Context 142 which were provisionally identified as two of ?wheat and one of ?oat but could not be identified more closely – presumably food waste but too few to be of any interpretative value and also perhaps not contemporary with deposit formation (see below). No dateable artefacts were recovered but both deposits did contain traces of magnetic hammerstone/slag indicating contamination with material of later than Bronze Age date; most likely the result of bioturbation as intrusive rootlet was noted from both samples and there were also a few earthworm egg capsules from Context 179. The single uncharred blackberry/raspberry fruit stone recorded from Context 179 was also almost certainly a modern contaminant as there was no other evidence to suggest preservation by anoxic waterlogging within the pit. No interpretatively valuable microfossils (such as diatoms which would suggest aquatic deposition) were recorded from these two fills or from the other 'Area A' Bronze Age deposit examined (Context 190, fill of ditch [182]).

The single medieval deposit from 'Area A' which was described and investigated for microfossils – Context 167 (fill of 12th-13th century boundary/drainage ditch [168]) – provided no evidence from which to interpret the nature of its deposition.

Uncharred plant remains were much more frequent from Context 150 (fill of 19th century brick well [151]) in 'Area A' but consisted largely of decayed wood fragments (mostly rectilinear but including one small twig fragment, with this assessment suggesting that these were predominantly of apple-type; Maloideae) and a limited suite of 'seeds' (i.e. actual seeds and other similar structures) of orache/goosefoot, blackberry/raspberry and dock, together with intrusive modern rootlet and 'woody' root. Other intrusive remains included some earthworm egg capsules and there were also occasional beetle sclerites/sclerite fragments which were almost certainly of recent origin – given that the fill must post-date the use of the well, all of the contents will be 'early modern' at the earliest. Charred plant remains were restricted to a little charcoal (mostly small rectilinear fragments but including a single small roundwood twig partially identified as of a diffuse-porous species and of only a single year's growth) which, together with small quantities of coal and cinder, presumably represents fuel waste. Small quantities of artefactual remains were recovered which included two shards of glass, three pot sherds, brick fragments, a little slag and a trace level of hammerstone (the two last at very much a 'background' level and far too little to imply any significant metalworking in the immediate vicinity). Overall, the remains recovered suggested the inclusion of small quantities of refuse but not that this was systematically discarded into the well (post-use) during the backfilling of the feature, with the 'seed' assemblage of common ruderal taxa perhaps indicating that the surrounding area was somewhat overgrown (although, as noted for the Bronze Age deposits above, bioturbation may have introduced these remains at a later date).

The sample from Context 513 (upper fill of feature [514]) in the 'Plaza' area was recorded in the field as having "...mottled orange reddish areas..." (these were not observed when examined at PRS) and was examined for microfossils in an attempt to determine if this was due to burning or iron pan/water activity. Unfortunately, there were no remains present which could assist in this determination – although it can be noted that no microscopic charcoal/ash was observed.

Although sufficient charcoal was recovered from each of the samples processed for macrofossil recovery for radiocarbon dating (via AMS) to be attempted almost all of this material cannot be recommended for the purpose. All but one of the fragments were of an indeterminate number of years of wood growth and none were identified to species; consequently, the associated 'old wood' problems could result in radiocarbon dates significantly earlier (but by unknown amounts) than the charring events being returned. A similar argument with regard to the unknown number of years of wood growth applies to the majority of the wood fragments recovered from Context 150 (fill of 19th century brick well [151]). The charred grains from Context 142 (fill of Bronze Age ditch [143]), the two twig fragments (one charred and one uncharred) and uncharred 'seeds' from Context 150 and, perhaps, the single uncharred blackberry/raspberry fruit stone from Context 179 (fill of Bronze Age pit [180]), could provide sufficient suitable material for AMS dating but extending any date(s) returned to the deposits as a whole would be rather suspect; given the presence of modern rootlet and hence the possibility of bioturbation and resultant displacement of small, and in two cases isolated, remains.

Recommendations

No further study of the limited biological remains recovered from the assessed samples is warranted.

Retention and disposal

The biological remains recovered from the samples processed for this assessment are of no further interpretative value and may be discarded along with the sorted residue fractions; artefactual (and possible artefactual) remains will be returned to the excavator to be retained as part of the physical archive for the site if warranted.

Unless required for purposes other than the study of biological remains (such as potential artefact recovery, for example), all of the remaining unprocessed sediment from the samples reported here may be discarded.

Archive

All of the extant material is currently stored by Palaeoecology Research Services (Unit 4, National Industrial Estate, Bontoft Avenue, Kingston upon Hull), pending return to the archaeological contractor (or permission to discard), along with paper and electronic records pertaining to the work described here.

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31/01/18

Find No	Context	Location	Type	Notes
11	14	Area D	Fragment	
20	14	Area D	Fragment	
26	14	Area D	Fragment	
32	14	Area D	Fragment	
33	14	Area D	Other	
37	14	Area D	Fragment	
40	14	Area D	Other	
43	14	Area D	Slag	
45	14	Area D	Fragment	
62	14	Area D	Slag	
67	14	Area D	Fragment	
70	14	Area D	Fragment	
82	87	Orchard 3	Fragment	
86	87	Orchard 3	Fragment	
87	87	Orchard 3	Fragment	
89	87	Orchard 3	Other	
98	87	Orchard 3	Fragment	
100	87	Orchard 3	Fragment	
101	87	Orchard 3	Fragment	
103	87	Orchard 3	Fragment	
108	87	Orchard 3	Slag	
117	87	Orchard 3	Slag	

Find No	Context	Location	Type	Notes
119	87	Orchard 3	Other	
120	87	Orchard 3	Slag	
125	87	Orchard 3	Slag	
126	87	Orchard 3	Slag	
130	87	Orchard 3	Other	
131	87	Orchard 3	Fragment	
135	87	Orchard 3	Fragment	
148	87	Orchard 3	Slag	
155	87	Orchard 3	Fragment	
164	87	Orchard 3	Fragment	
169	88	Orchard 1	Slag	
170	88	Orchard 1	Slag	
175	88	Orchard 1	Fragment	
176	88	Orchard 1	Fragment	
191	88	Orchard 1	Other	
195	88	Orchard 1	Other	small lead roll
198	88	Orchard 1	Fragment	
208	88	Orchard 1	Fragment	
210	88	Orchard 1	Slag	
221	127	Area A	Fragment	
223	127	Area A	Fragment	
225	127	Area A	Slag	

Find No	Context	Location	Type	Notes
234	127	Area A	Fragment	
235	127	Area A	Fragment	
237	127	Area A	Round Ball	
241	127	Area A	Other	Horse & rider figurine
243	127	Area A	Fragment	
245	127	Area A	Other	
246	127	Area A	Fragment	
249	127	Area A	Slag	
250	127	Area A	Slag	
252	127	Area A	Fragment	
253	127	Area A	Fragment	
254	127	Area A	Fragment	
257	127	Area A	Other	
261	127	Area A	Slag	
264	127	Area A	Fragment	
268	127	Area A	Other	
270	127	Area A	Fragment	
271	127	Area A	Slag	
272	127	Area A	Slag	
273	127	Area A	Slag	
274	127	Area A	Fragment	
276	127	Area A	Slag	
278	127	Area A	Slag	
279	127	Area A	Fragment	
282	127	Area A	Fragment	
284	127	Area A	Fragment	
285	127	Area A	Fragment	
286	127	Area A	Fragment	
288	127	Area A	Fragment	
290	127	Area A	Fragment	

Find No	Context	Location	Type	Notes
292	127	Area A	Fragment	
293	127	Area A	Fragment	
295	127	Area A	Fragment	
296	127	Area A	Fragment	
297	127	Area A	Fragment	
299	127	Area A	Slag	
303	127	Area A	Round Ball	
313	127	Area A	Fragment	
315	127	Area A	Slag	
317	127	Area A	Other	large lead roll
322	127	Area A	Fragment	
323	127	Area A	Other	
324	127	Area A	Fragment	
325	127	Area A	Fragment	
326	127	Area A	Fragment	
327	127	Area A	Fragment	
328	127	Area A	Slag	
329	127	Area A	Slag	
331	127	Area A	Fragment	
333	127	Area A	Fragment	
334	127	Area A	Slag	
335	127	Area A	Fragment	
336	127	Area A	Fragment	
337	127	Area A	Fragment	
338	127	Area A	Fragment	
340	127	Area A	Fragment	
342	127	Area A	Round Ball	
347	127	Area A	Slag	
349	127	Area A	Fragment	
351	127	Area A	Slag	

Find No	Context	Location	Type	Notes
352	127	Area A	Round Ball	
353	127	Area A	Round Ball	
358	127	Area A	Fragment	
360	127	Area A	Round Ball	
361	127	Area A	Slag	
363	127	Area A	Other	small lead roll
365	127	Area A	Other	small lead roll
366	127	Area A	Fragment	
368	127	Area A	Fragment	
369	127	Area A	Slag	
373	127	Area A	Round Ball	
376	127	Area A	Round Ball	
377	127	Area A	Round Ball	
379	127	Area A	Fragment	
380	127	Area A	Fragment	
381	127	Area A	Slag	
382	127	Area A	Other	
385	127	Area A	Slag	
386	127	Area A	Slag	
388	127	Area A	Slag	
389	127	Area A	Fragment	
390	127	Area A	Other	
391	127	Area A	Slag	
392	127	Area A	Fragment	
394	127	Area A	Slag	
396	127	Area A	Fragment	
404	184	Allerton A	Fragment	
405	184	Allerton A	Slag	
409	184	Allerton A	Fragment	
417	184	Allerton A	Fragment	

Find No	Context	Location	Type	Notes
424	184	Allerton A	Fragment	
426	184	Allerton A	Fragment	
430	184	Allerton A	Fragment	
444	184	Allerton A	Fragment	
447	184	Allerton A	Fragment	
449	184	Allerton A	Fragment	
453	184	Allerton A	Fragment	
460	184	Allerton A	Fragment	
461	184	Allerton A	Fragment	
465	187	Merchant A	Slag	
466	187	Merchant A	Fragment	
467	187	Merchant A	Fragment	
468	187	Merchant A	Slag	
469	187	Merchant A	Fragment	
470	187	Merchant A	Slag	
471	187	Merchant A	Slag	
474	187	Merchant A	Fragment	
477	127	Area A	Fragment	
479	127	Area A	Fragment	
480	127	Area A	Slag	
481	127	Area A	Fragment	
482	127	Area A	Fragment	
483	127	Area A	Other	
484	127	Area A	Fragment	
486	127	Area A	Slag	
490	127	Area A	Fragment	
491	127	Area A	Slag	
492	197	Merchant A	Other	
495	197	Merchant A	Slag	
496	197	Merchant A	Fragment	

Find No	Context	Location	Type	Notes
498	197	Merchant A	Round Ball	
499	197	Merchant A	Fragment	
500	197	Merchant A	Fragment	
501	197	Merchant A	Fragment	
502	197	Merchant A	Slag	
503	197	Merchant A	Fragment	
504	197	Merchant A	Fragment	
505	197	Merchant A	Fragment	
509	197	Merchant A	Slag	
510	197	Merchant A	Fragment	
512	197	Merchant A	Fragment	
515	197	Merchant A	Slag	
517	197	Merchant A	Fragment	
519	197	Merchant A	Fragment	
521	197	Merchant A	Fragment	
522	286	Knavesmire A	Fragment	
523	286	Knavesmire A	Other	small lead roll
525	286	Knavesmire A	Fragment	
530	286	Knavesmire A	Other	
531	286	Knavesmire A	Slag	
532	286	Knavesmire A	Slag	

Find No	Context	Location	Type	Notes
533	286	Knavesmire A	Fragment	
539	286	Knavesmire A	Fragment	
542	286	Knavesmire A	Fragment	
544	286	Knavesmire A	Fragment	
545	219	Plaza	Slag	
552	219	Plaza	Fragment	
560	219	Plaza	Fragment	
573	219	Plaza	Slag	
578	219	Plaza	Other	
590		Plaza	Slag	
610		Plaza	Fragment	
611		Plaza	Fragment	
612		Plaza	Fragment	
613		Plaza	Fragment	
624		Plaza	Slag	
627		Plaza	Other	
629		Plaza	Other	small lead roll
653		Plaza	Fragment	
654		Plaza	Fragment	
709		Plaza	Slag	
712		Plaza	Other	lead roll

