‘The House of Every One’: the Consumption of Material Culture in Castles during the English Civil War

Volume 2: Figures, Tables, Appendices and Illustrations

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Figure 1.1. Map of prominent sites mentioned within the text

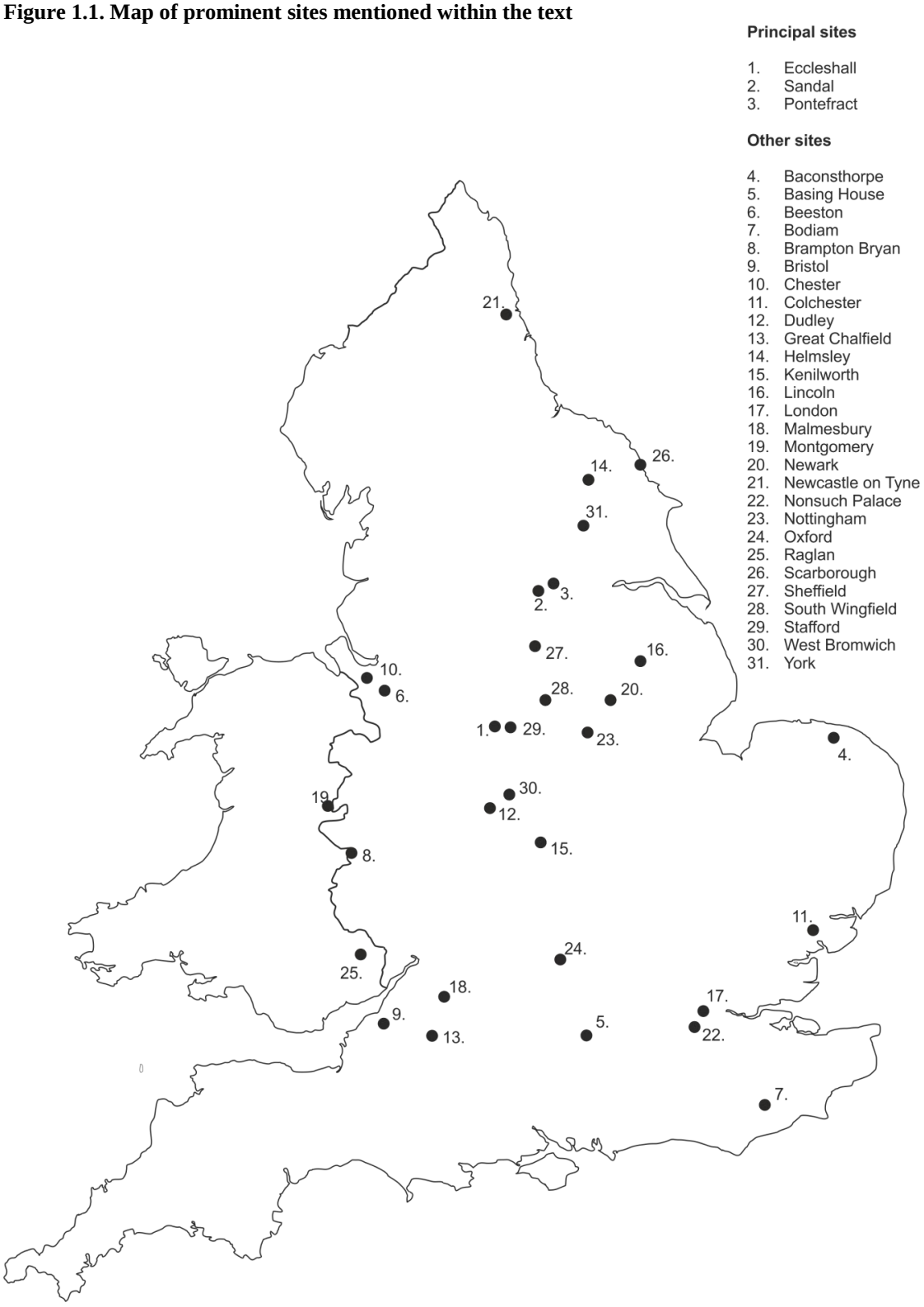
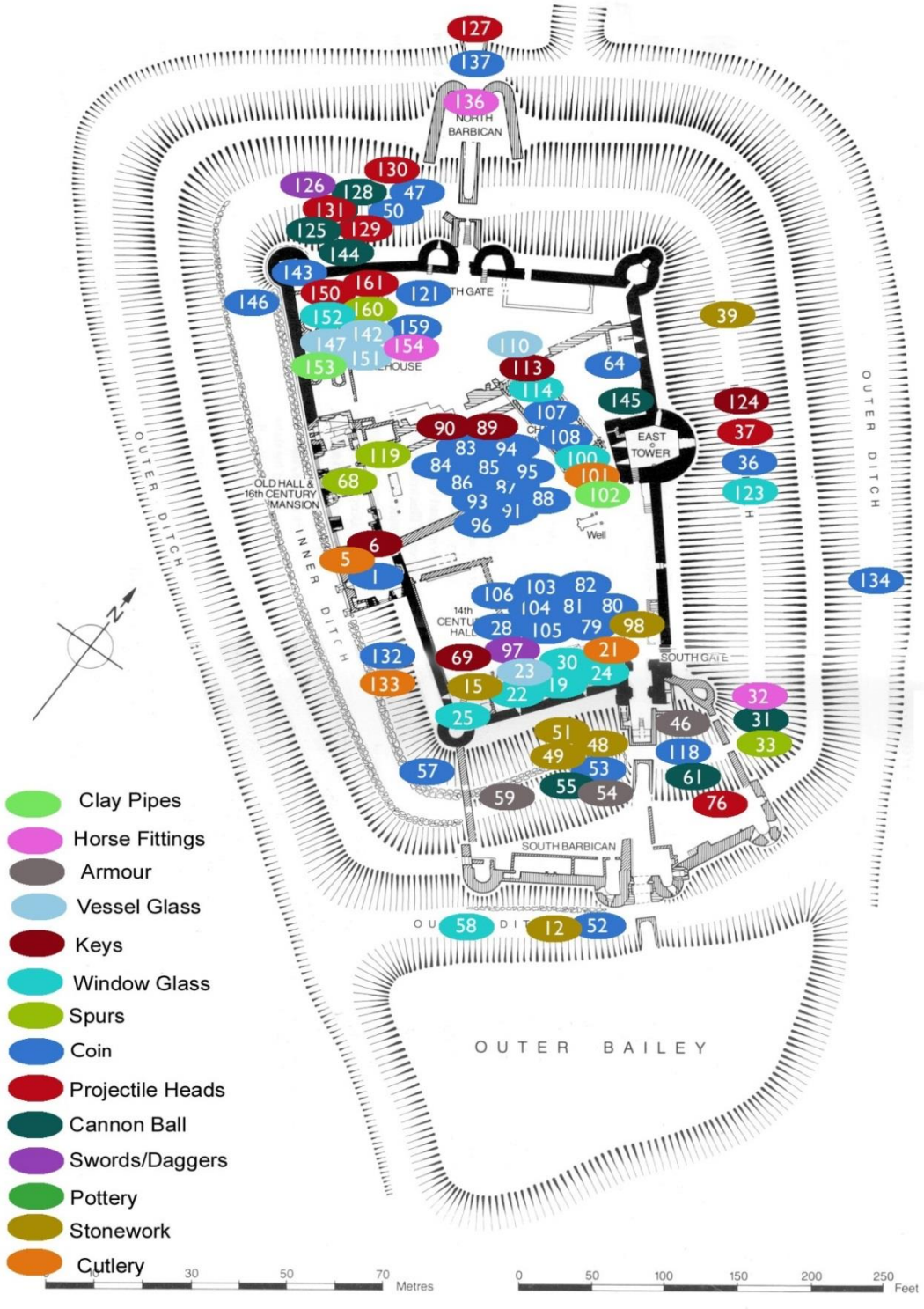


Figure 1.2. Distribution of objects retrieved from the clearance of Helmsley Castle
(©English Heritage/Andrew Morrison)



2 The Role of Castles during the English Civil War

Figure 2.1. Key events of the first and second Civil War

Year	Date	Event of national significance	Eccleshall	Sandal	Pontefract
1642	20th Aug	Royal Standard raised at Nottingham			
				Castle fortified for King (exact date unknown)	Castle fortified for King (exact date unknown)
	23rd Oct	Battle of Edgehill			
1643	25th Feb		Fortification of the castle requested by Charles I		
	July/ Aug		Castle besieged by Sir William Brereton		
	Early September		Castle surrenders to Parliament		
1644	2nd July	Battle of Marston Moor			
	25th Dec				Castle besieged by Parliamentarians. First siege commences
1645	6th Jan	Formal creation of the New Model Army			
	1st March				Sir Marmaduke Langdale raises siege
	21st March				Parliamentarians re-enter town. Second siege commences
	April			Initial siege ends after Royalists rout besiegers	
	14th June	Battle of Naseby			
	20th July				Castle surrenders. End of second siege
	21st July			Call for castle to surrender refused by Royalist garrison	

Year	Date	Event of national significance	Eccleshall	Sandal	Pontefract
1645	August			Artillery brought from Hull to bombard castle	
	30th Sept			Castle surrenders to Parliament	
1646	30th April			Order passed to slight castle	
	5th May	Charles surrenders to the Scots			
1647	February				Parliamentary motion to demolish castle defeated. Parliamentarians fortify castle
	19th March		Order passed to make castle untenable		
1648	March	Start of rebellions in England, Wales and Scotland known as the second Civil War			
	3rd June				Castle seized by Colonel Morris. Start of third siege
1649	30th Jan	Charles I executed			
	19th and 22nd March				Petitions made to Parliament to slight castle
	24th March				Castle surrenders to Parliament
	4th April				Order issued for castle's demolition

Figure 2.2. Building types fortified in England and Wales during the English Civil War
(source: Gaunt 1987)

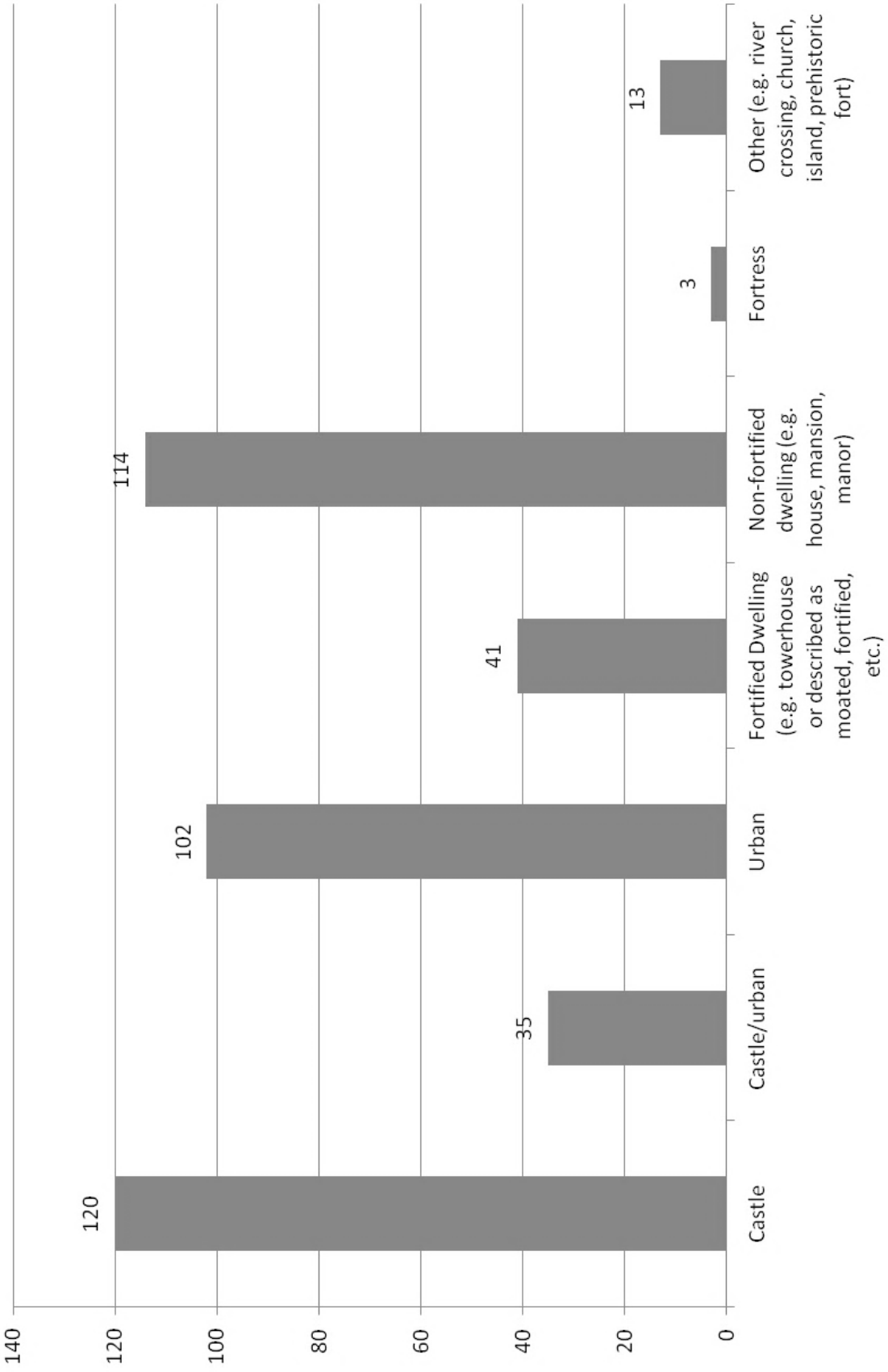


Figure 2.3. Garrisoned fortifications in England and Wales during the English Civil War
(source: Gaunt 1987)

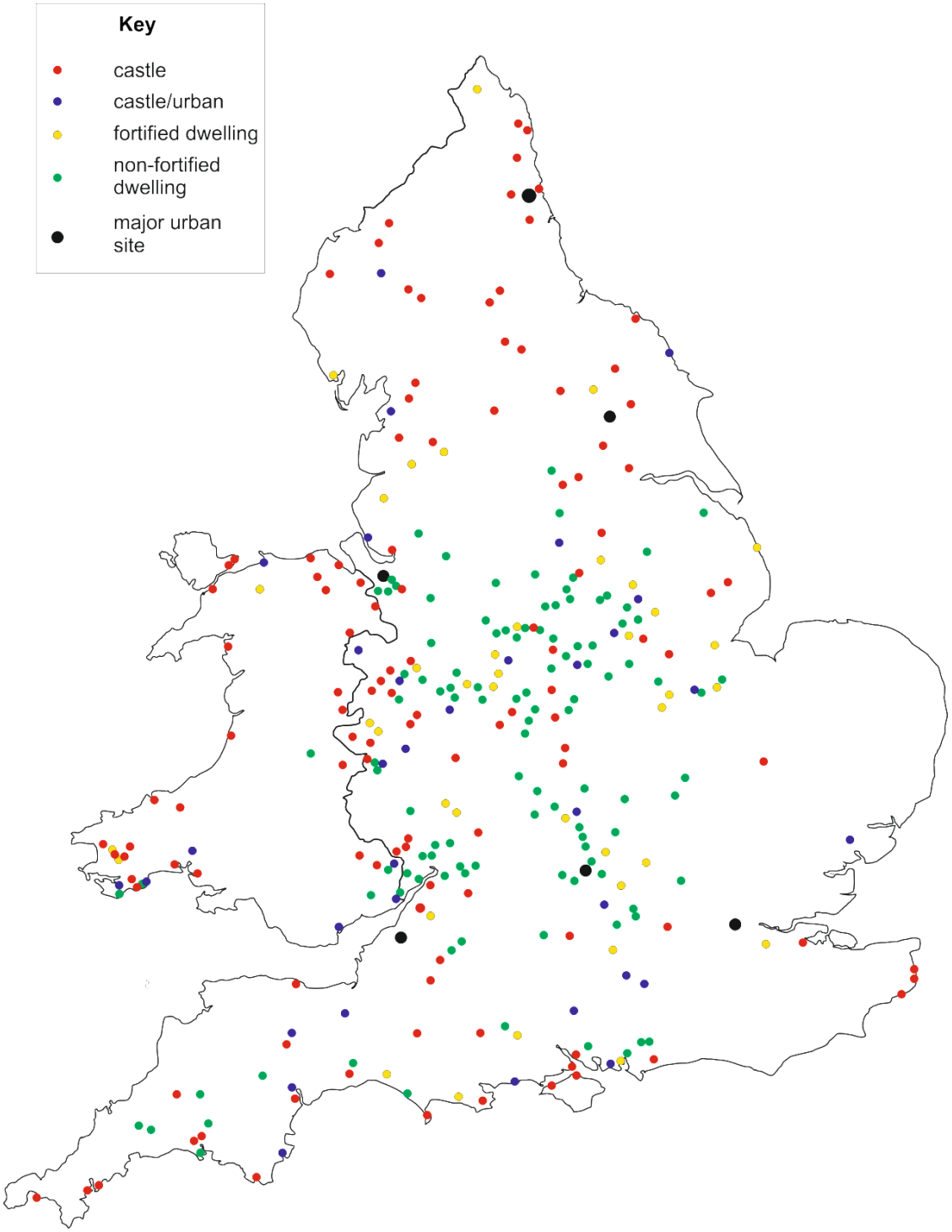


Figure 2.4. Sandal Castle, looking towards the motte

Figure 2.5. Pontefract Castle, looking across the Inner Bailey towards the motte

3 The consumption of food, drink and associated material culture during the English Civil War

Figure 3.1. The English Irish Souldier (Anon 1642a)
(© British Library Board, shelfmark 669.f.6.(12))

THE ENGLISH IRISH SOVLDIER.

With his new Diſcipline, new Armes, Old Stomacke, and new taken pillage: who had rather Eate than Fight. 30

669 f 6
12

IF any Souldate
think I do appeare,
In this ſtrange Armes
and poſture,as a jeere,
Let him advance up to me
he ſhall ſee,
Ile ſtop his mouth,
and we wil both agree.

Our Skirmiſh ended,
our Enemies fled or ſlain
Pillage wee cry then,
for the Souldiers gaine,
And this compleat Artillery
I have got,
The beſt of Souldiers,
I think, hateth not.

My Martiall Armes
dealt I amongſt my foes,
With this I charged ſtand
'gainſt hungers blowes;
This is Munition
if a Souldier lacke,
He fights like *Iohn a dreams*,
or Lents thin *Jacke*.

All ſafe and cleare,
my true Arms reſt a while,
And welcome pillage,
you have foes to foile;
This Pot, my Helmet,
muſt not be forſaken,
For loe I feiz'd it
full of Hens and Bacon.

Rebels for Rebels dreſt it,
but our hot roſt,
Made them to flye,
and now they kiſſe the poſt
And better that to kiſſe,
then ſtay for Pullits,
And have their bellies
cram'd with leaden bullets.

This fowle my Feather is,
who wins moſt fame,
To weare a pretty Duck,
he need not ſhame:
This Spit my well charg'd
Musket, with a Gooſe,
Now cryes come eate me,
let your ſtomacks looſe.

This Dripping pan's my
target,and this Hartichoke
My Basket-hilted blade,
can make 'em ſmoake,
And make them ſlaſh & cut,
who moſt Home puts,
Ile moſt my fury
ſheath into his guts.

This Forke my Reſt is,
and my Bandaleers
Canary Bottles,
that can quell baſe feares,
And make us quaffe downe
danger, if this not doe,
What is it then? can raiſe
a ſpirit into fearfull men.

This Match are Linkes
to light down to my belly
Wherin are darkſom chinks
as I may tell yee,
Or Saſſages, or Puddings,
chooſe you which,
An excellent Needle,
Hungers wounds to ſtitch.

Theſe my Supporters,
garter'd with black pots,
Can ſteele the noſe,
& purg the brain of plots;
Theſe toſts my ſhooeſtrings,
ſteept in this ſtrong fog,
Is abl of themſelves
to foxe a Dog.

Theſe Armes being vaniſht,
once againe appeare
A true and faithful Souldier
As you were;
But if this wants,
and that we have no biting
In our beſt Armours
we make ſorry fighting.

FINIS.

Printed at *London* for *R. Wood*, and *A. Coe*. 1642.

Figure 3.2. Detail from *Anglia Rediviva* (Sprigge 1647) depicting the baggage train at the battle of Naseby
(© British Library Board, shelfmark 9512.f.7)

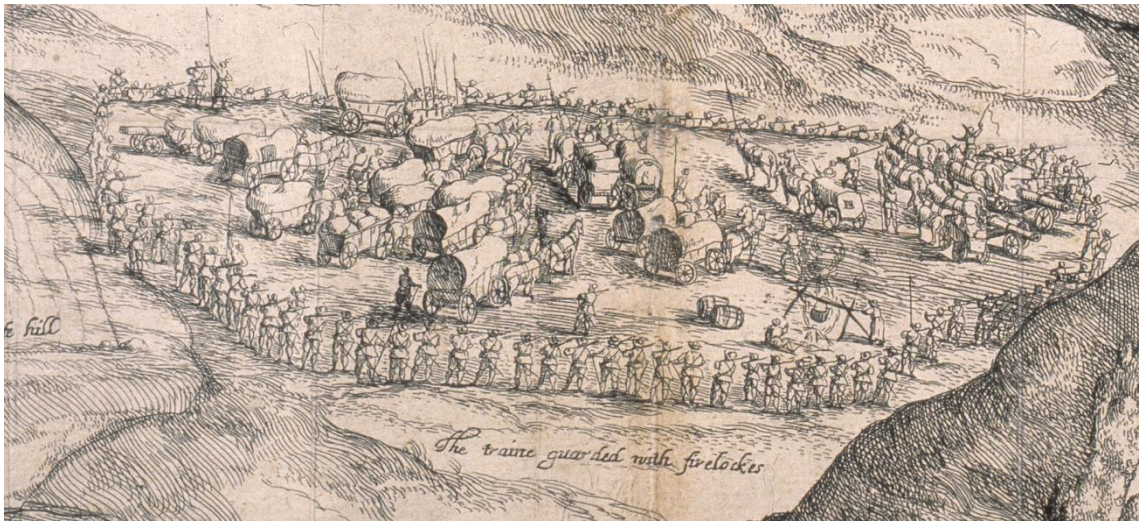


Figure 3.3. References to foodstuffs, including drink, in Nathan Drake's diary
(source: Walker 1997)

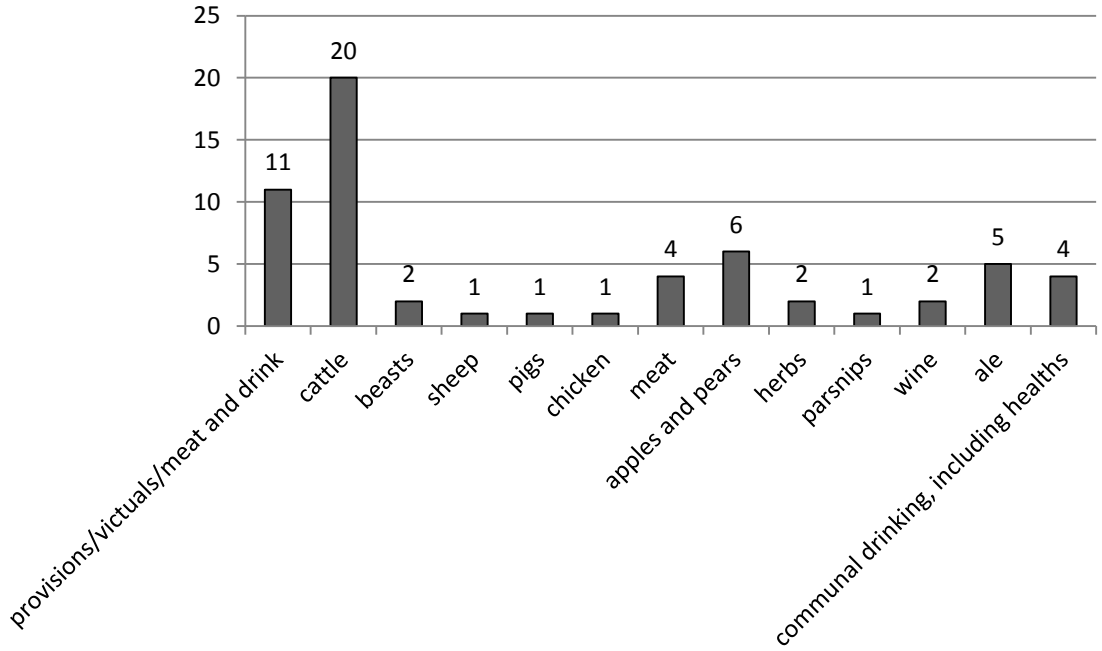


Figure 3.4. Comparison of cattle, sheep and pig within Drake's diary
(source: Walker 1997)

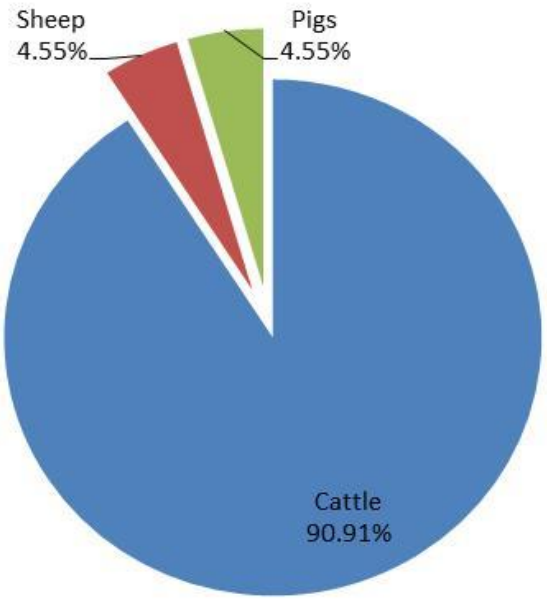
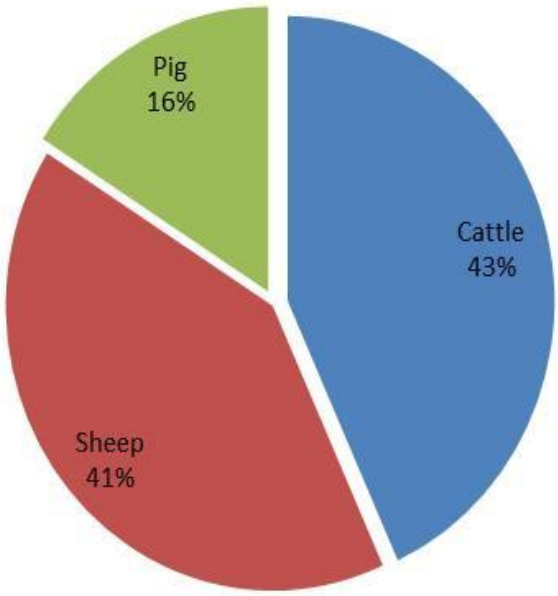


Figure 3.5. Percentage of cattle, sheep and pig excavated from the Civil War phases at Pontefract
(source: Richardson 2002, 367) [1]



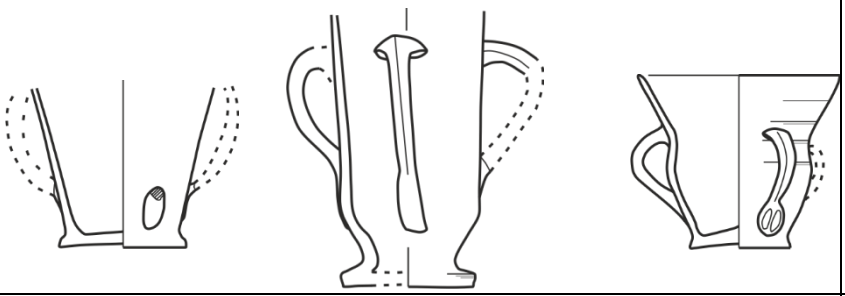
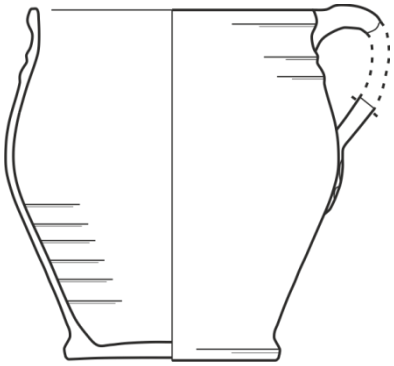
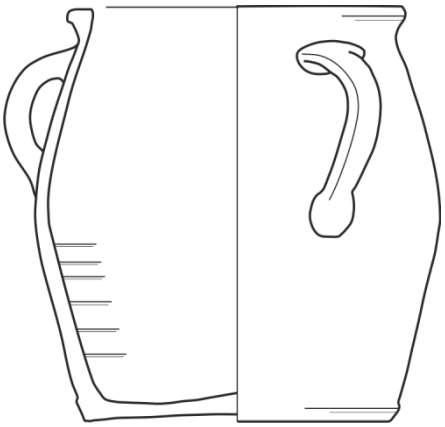
[1] Although Drake's diary only covers the first and second sieges of the castle, the difficulty in identifying these archaeologically (see 8.4.2.1) means it is preferable to analyse the Civil War deposits holistically rather than by phase.

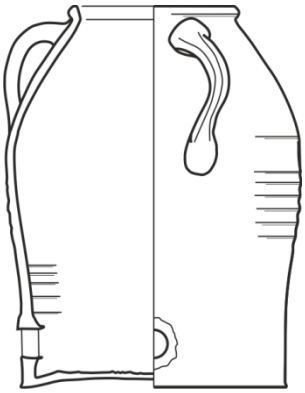
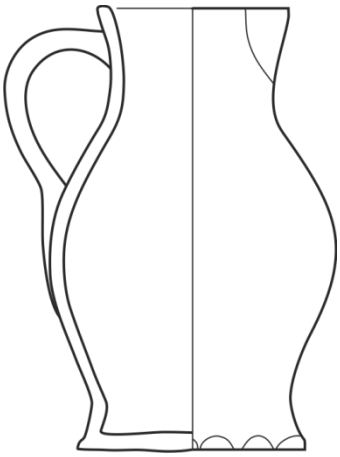
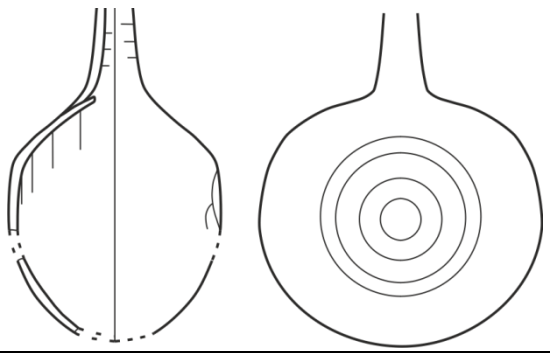
4 Destruction

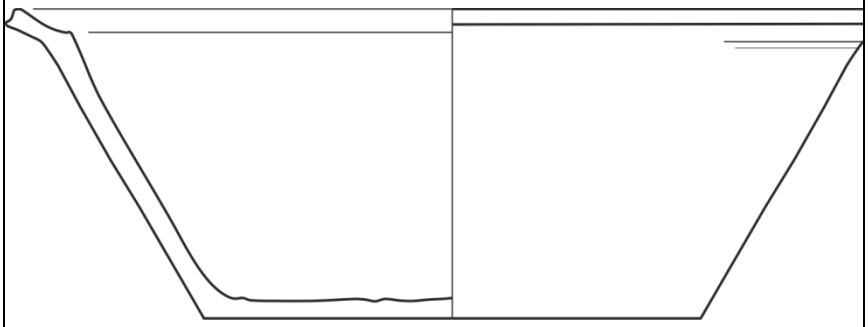
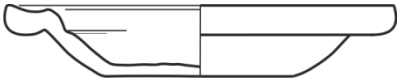
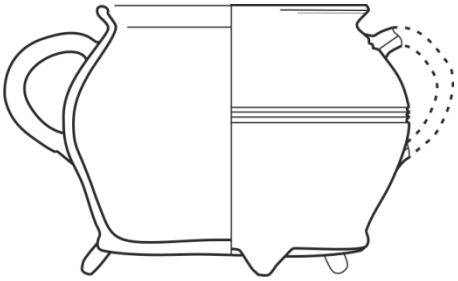
Figure 4.1. All Saint's Church, Pontefract. Destroyed during the Civil War, it was left as a roofless ruin after the conflict

5 Methodology

Figure 5.1 Principal ceramic forms

Vessel Form	Illustrated form (scale 1:4)	Depicted vessels
Drinking vessel		SAND1, SAND1084, ECC190
Medium fine jar		PONT12
Fine handled jar		SAND179
Storage jar		SAND 1613

Vessel Form	**Illustrated form (scale 1:4)**	**Depicted vessels**
Storage cistern		PONT735
Small storage jar		SAND 1097
Jug		ECC181
Costrel		SAND 1709, SAND806
Flask		SAND 1617

Vessel Form	**Illustrated form (scale 1:4)**	**Depicted vessels**
Bowl/ Pancheon		ECC8
Dish		SAND 1569
Tripod cooking vessel		ECC186

6 Eccleshall

Figure 6.1. Plan of the North Wall of Eccleshall including excavated areas
(after a sketch plan included within Eccleshall Archive)

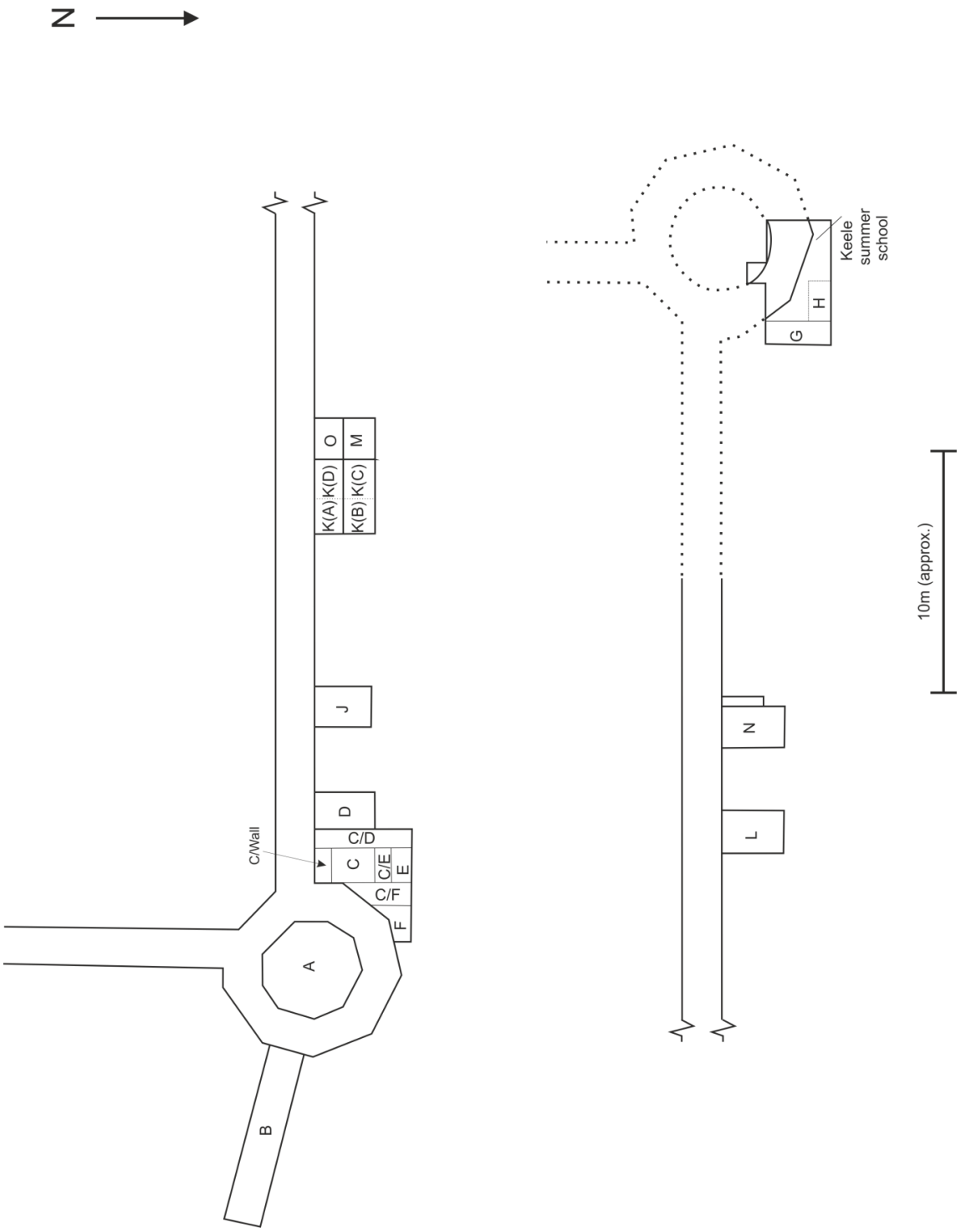


Figure 6.2. Distribution of all ceramic vessels at Eccleshall

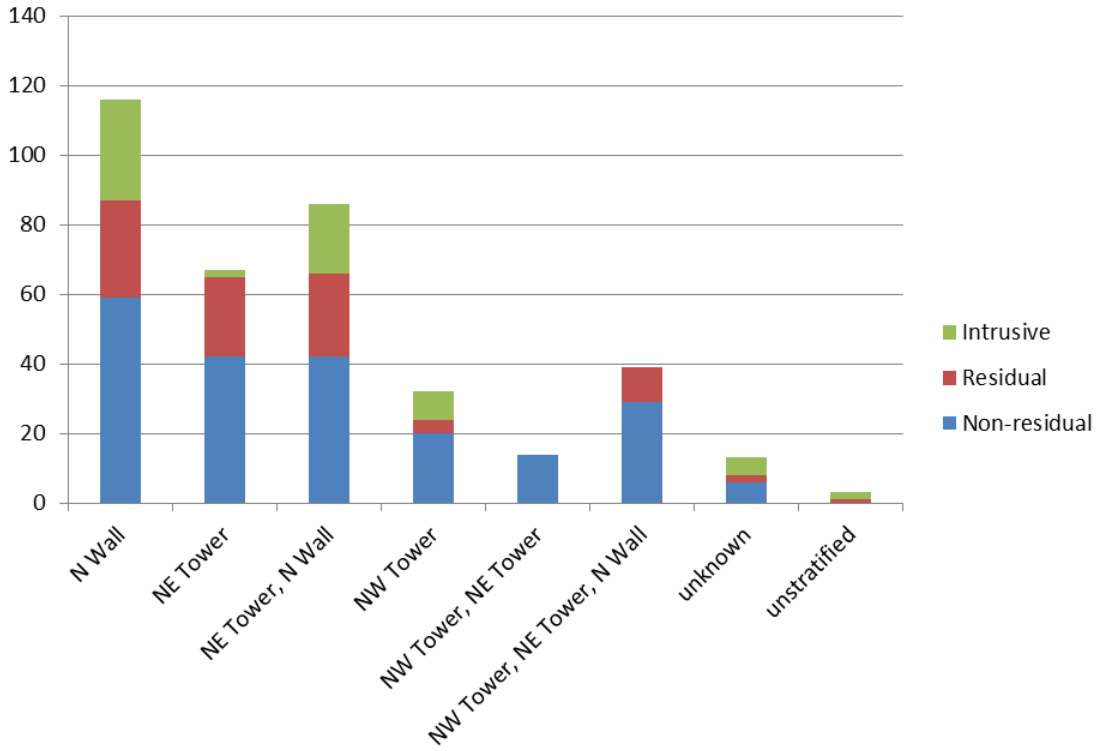


Figure 6.3. Distribution of ceramic vessels at least 5% complete at Eccleshall

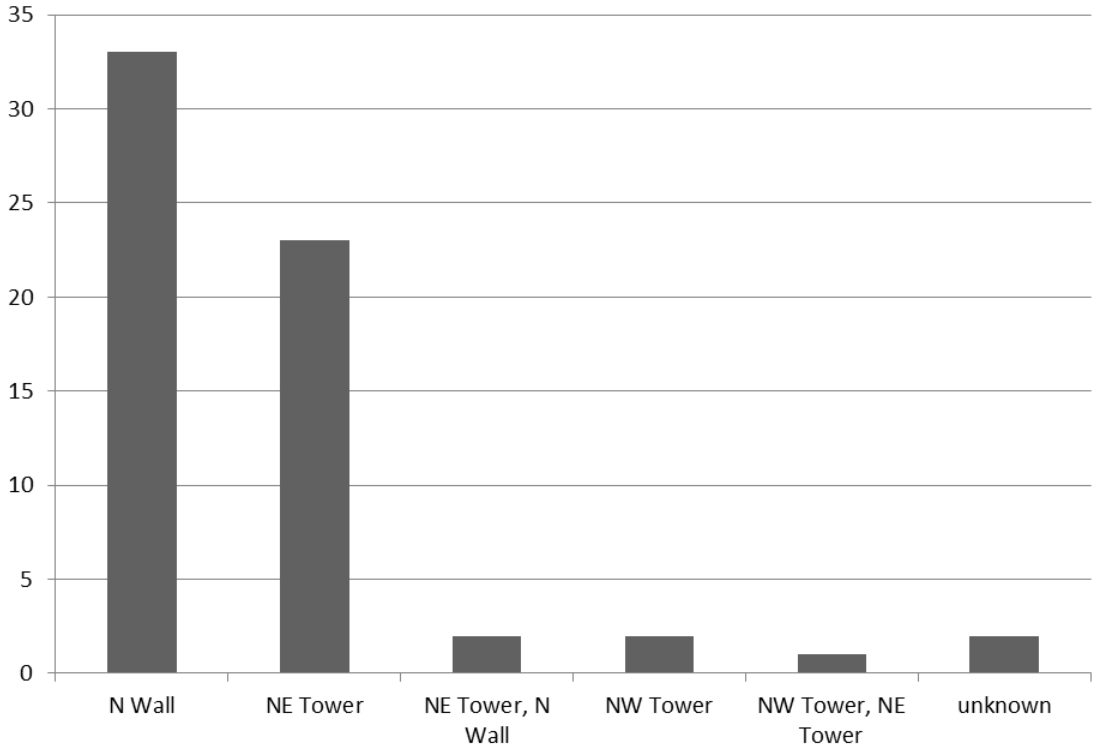


Figure 6.4. Form analysis of all ceramic vessels at least 5% complete at Eccleshall

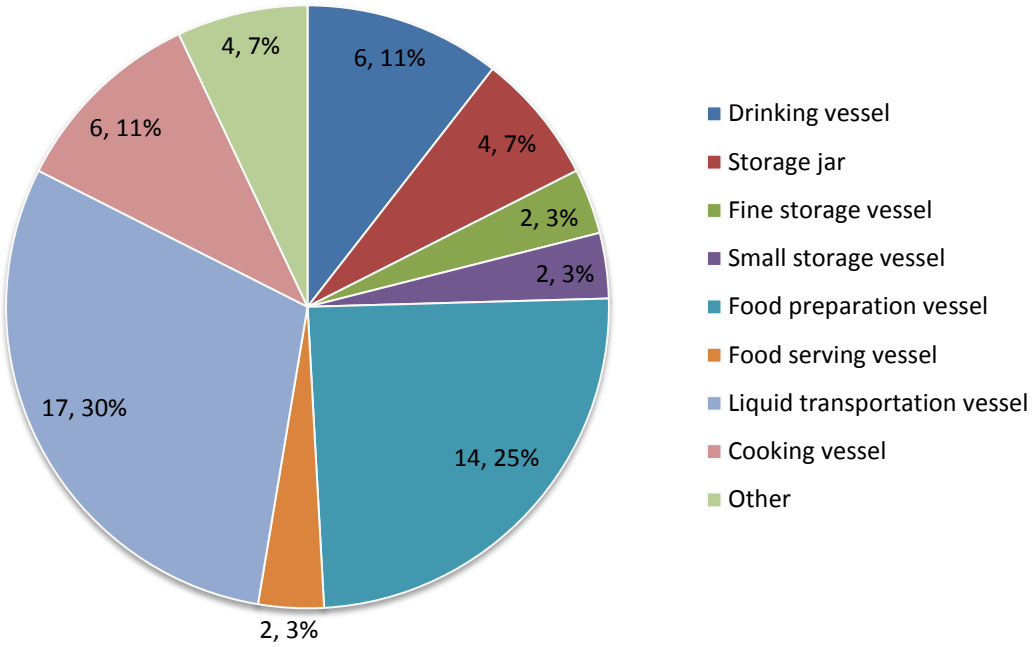


Figure 6.5. Form analysis of ceramic vessels at least 5% complete deposited along the North Wall at Eccleshall

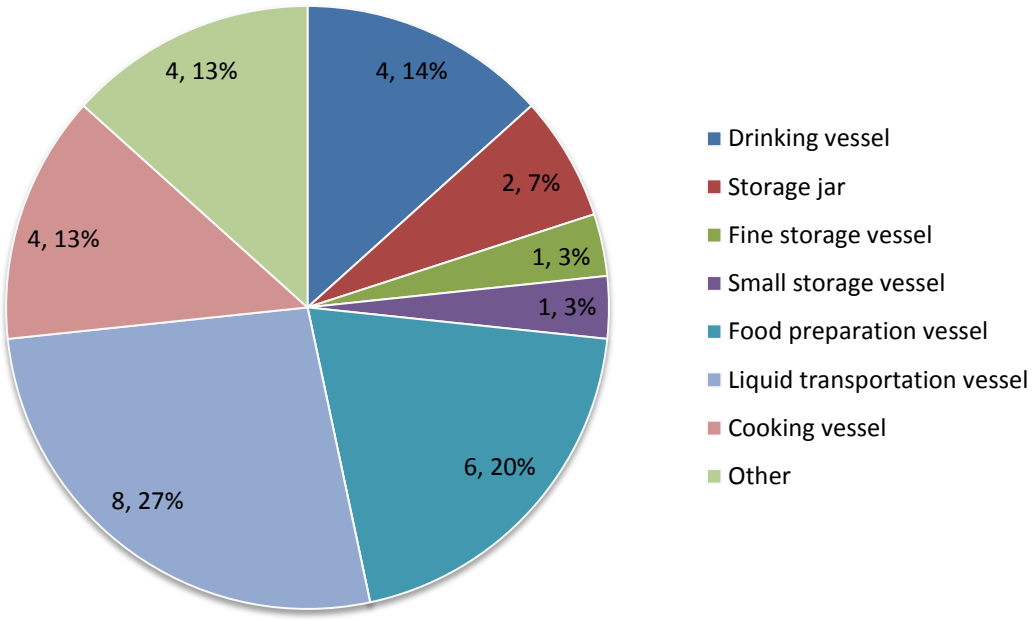


Figure 6.6. Form analysis of ceramic vessels at least 5% complete deposited around the North-East Tower at Eccleshall

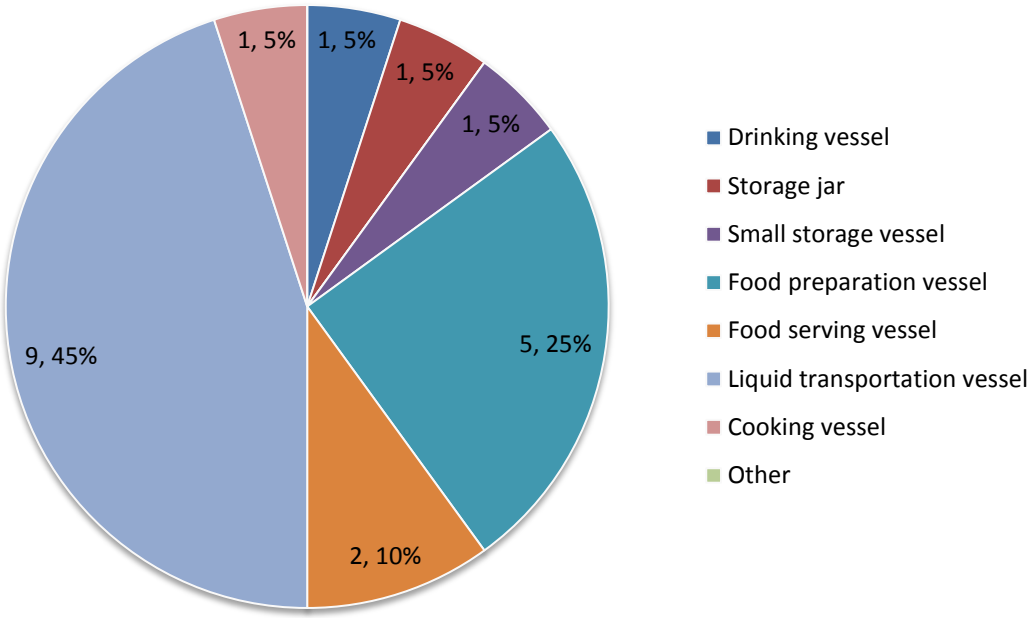


Figure 6.7. Form analysis of glass vessels from Eccleshall

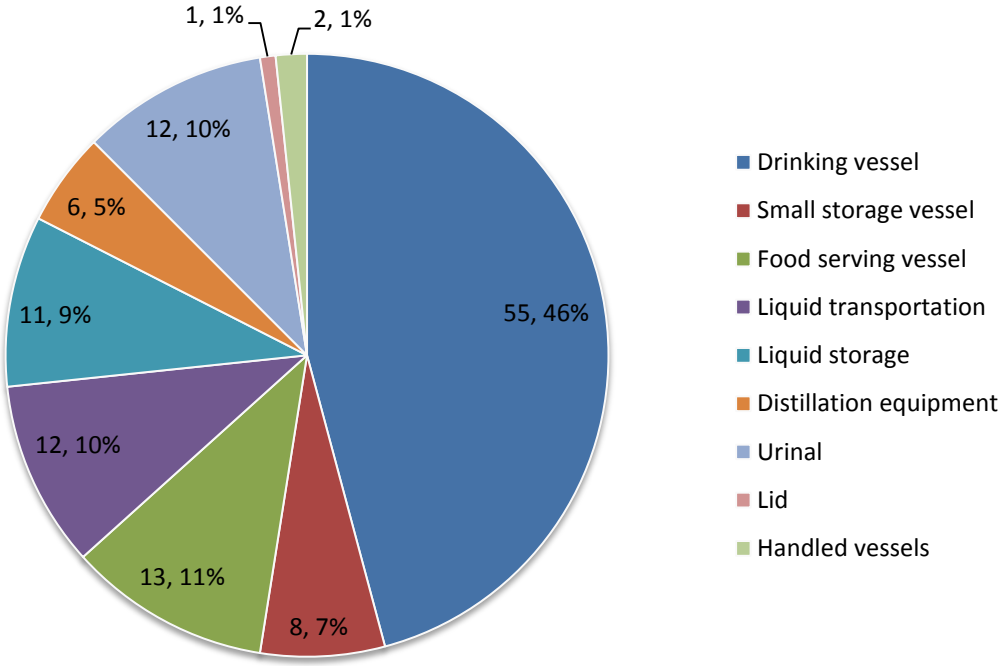
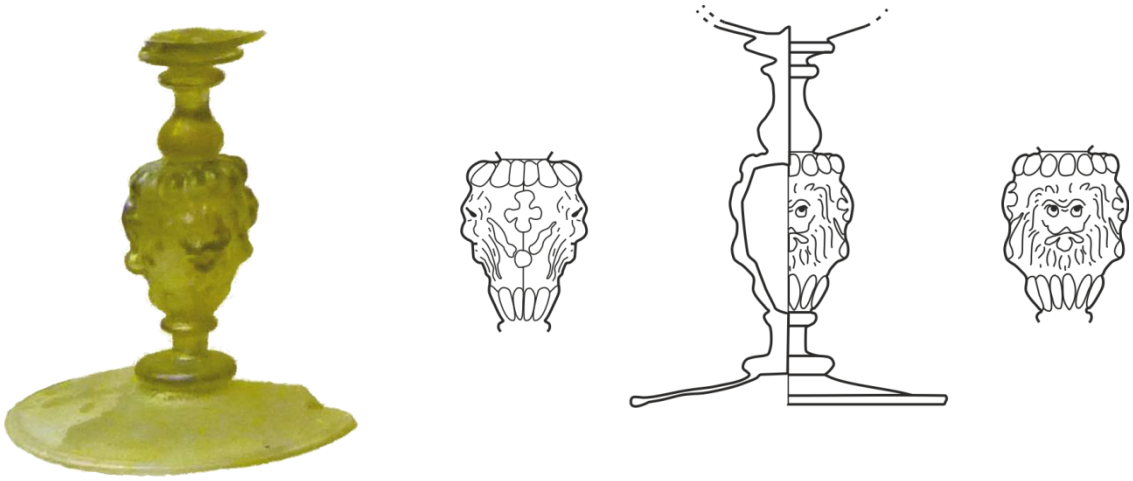


Figure 6.8. A selection of glass vessels from Eccleshall
a) cigar stem goblet, b) goblet with knopped stem, c) alembic, d) porringer, e) beaker

Figure 6.9. Lion mask (a) and ladder stem goblets (b) from Eccleshall
(drawings after Sheale 1993, 26). Drawing scale 1:4

a)



b)

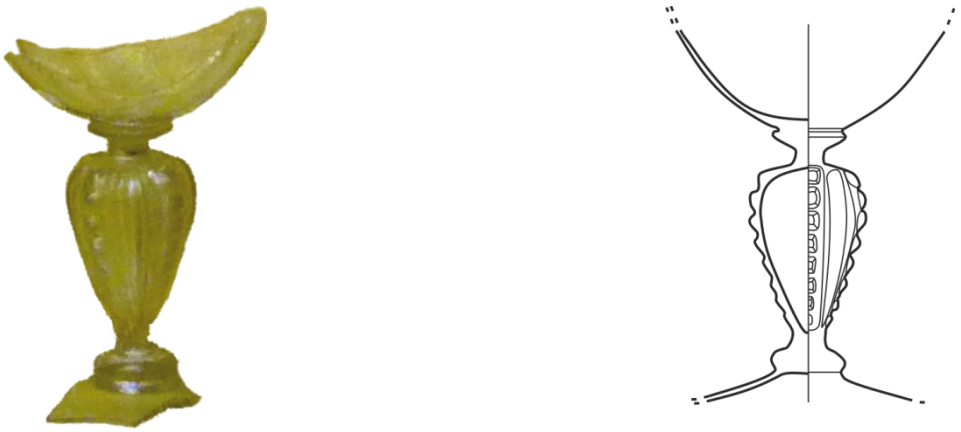


Figure 6.10. Extract from *The Sucklington Boys* (Anon 1641) depicting the use of various drinking vessels
(© British Library Board, shelfmark 669.f.4 17)

Figure 6.11. Distribution of principal glass forms at Eccleshall
(source: Sheale 1993, 96-99). Figures are only approximate due to difficulties in interpreting original data

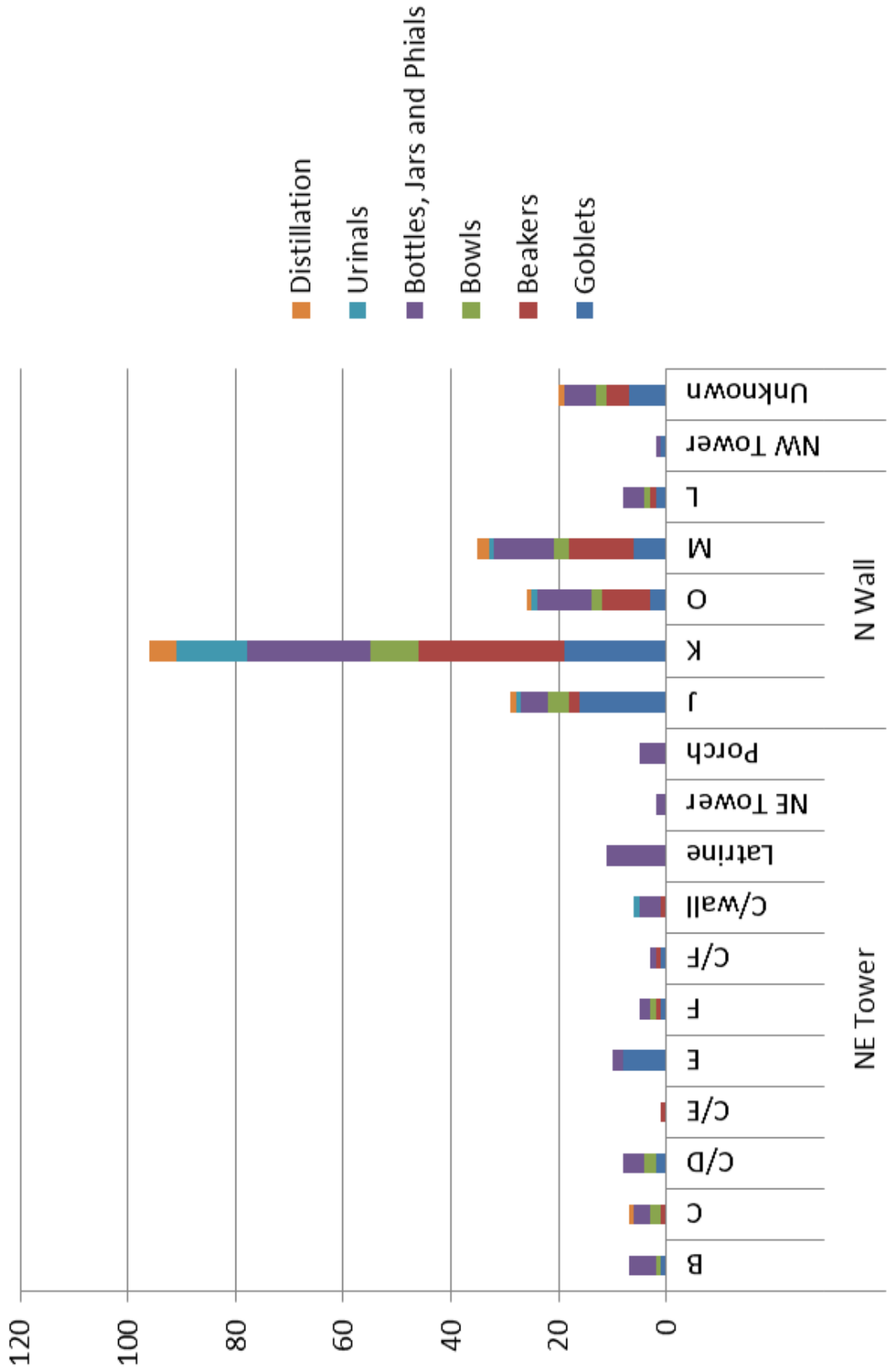
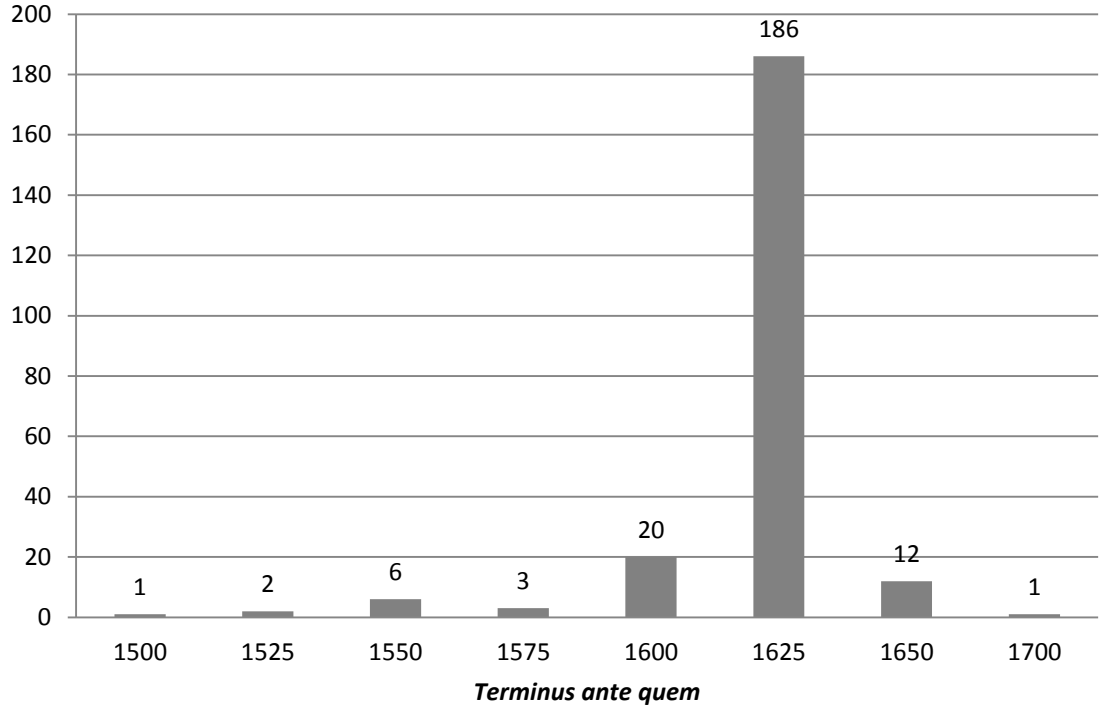


Figure 6.12. Number of glass vessels from Eccleshall with a *terminus ante quem* for each quarter of the 16th and 17th centuries[2]



[2] The single vessel predating 1700 has a generic 17th century date and could therefore have been in use during or before the Civil War.

Figure 6.13. Kuttrolf flask neck from Eccleshall
(drawing after Sheale 1993, 76 and Willmott 2002, 81). Drawing scale 1:4

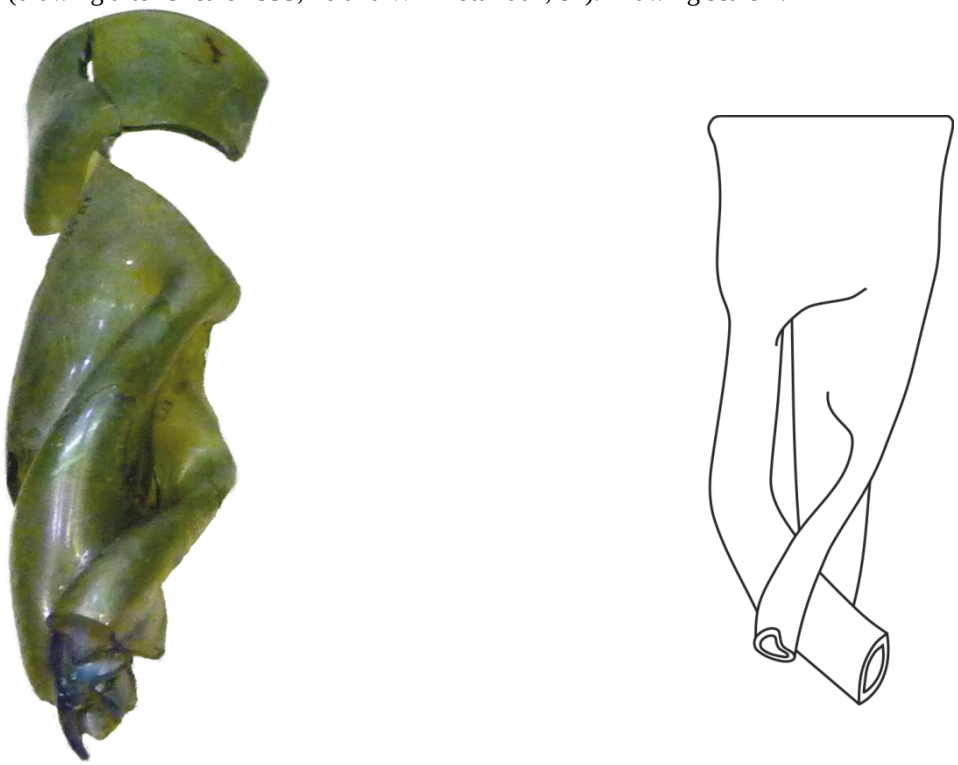
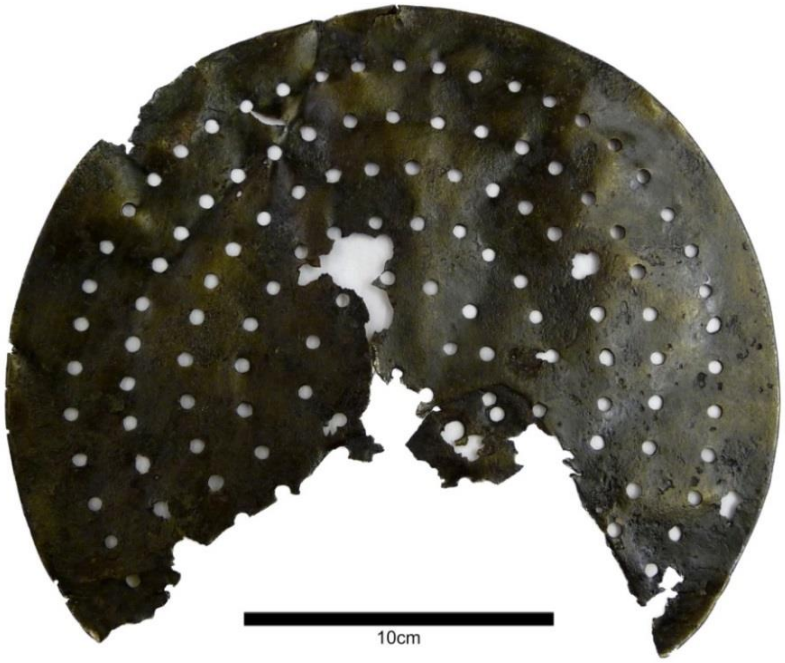


Figure 6.14. Copper alloy cheese strainer from Eccleshall



7 Sandal

Figure 7.1. Location of area codes used for Sandal
(see also Table 5.2; after Mayes and Butler 1983)

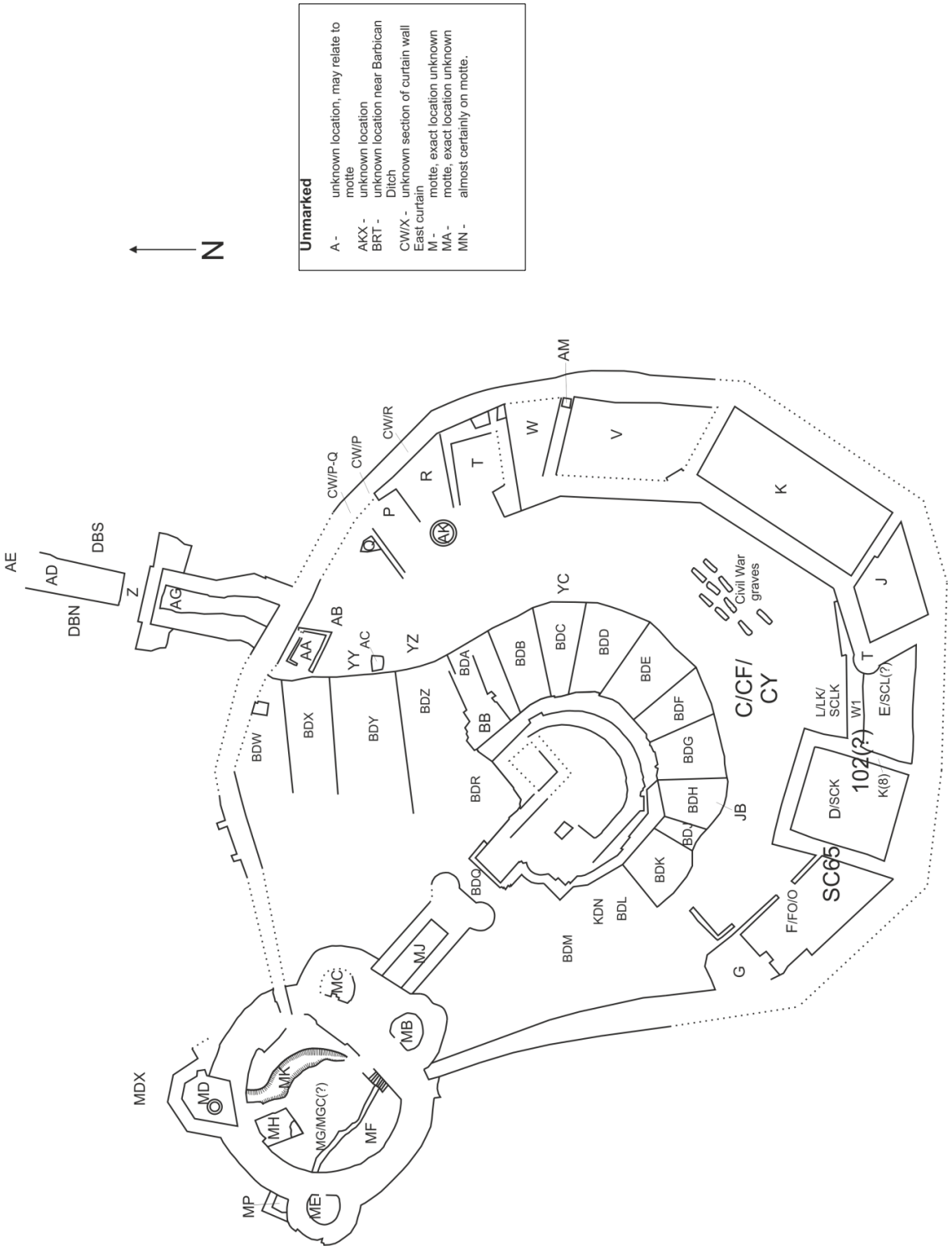


Figure 7.2. Plan of Sandal showing years of excavation for each area

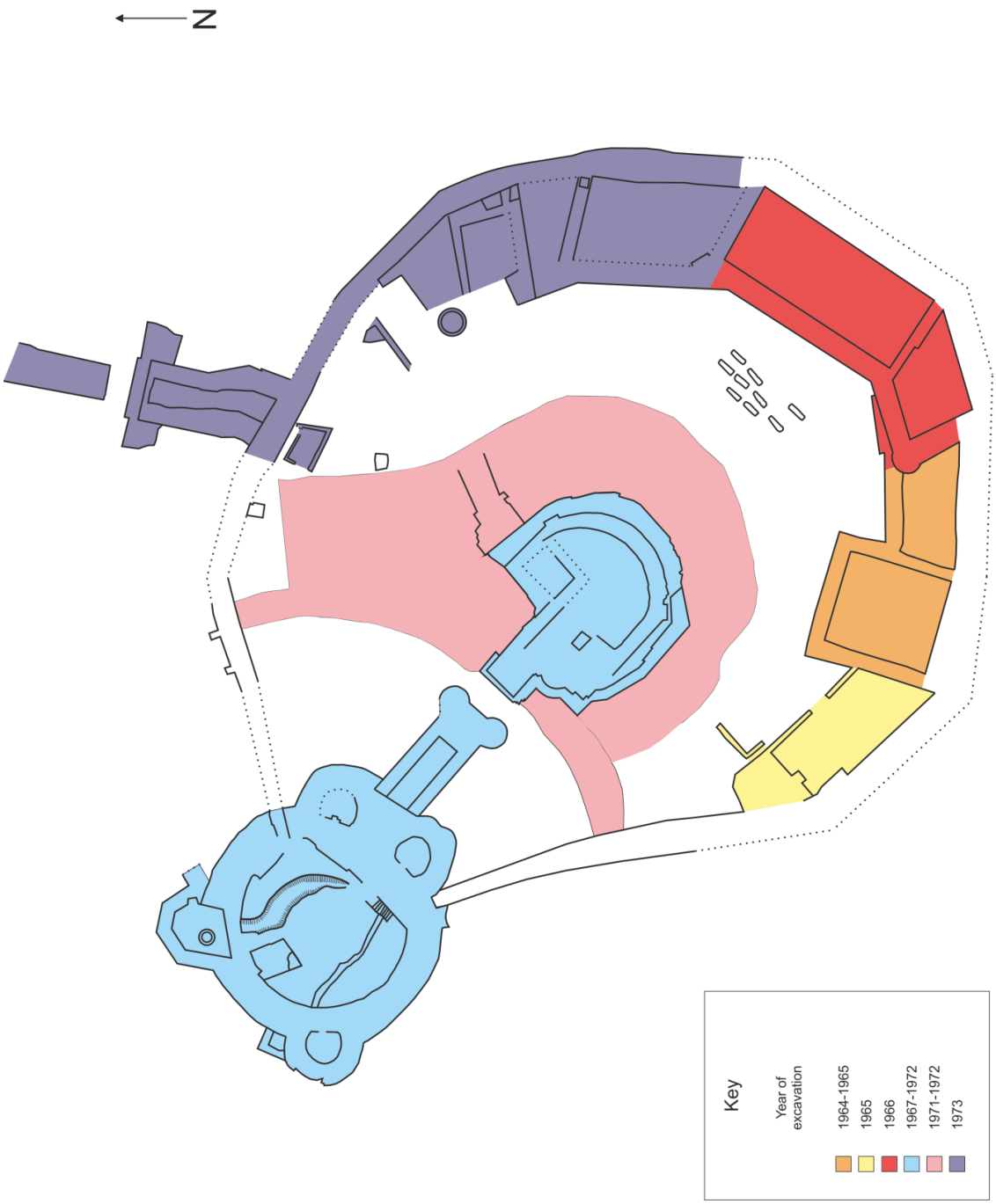


Figure 7.3. Distribution of ceramic vessels at Sandal as illustrated within original report
(after Brears 1983, 223, fig. 98)

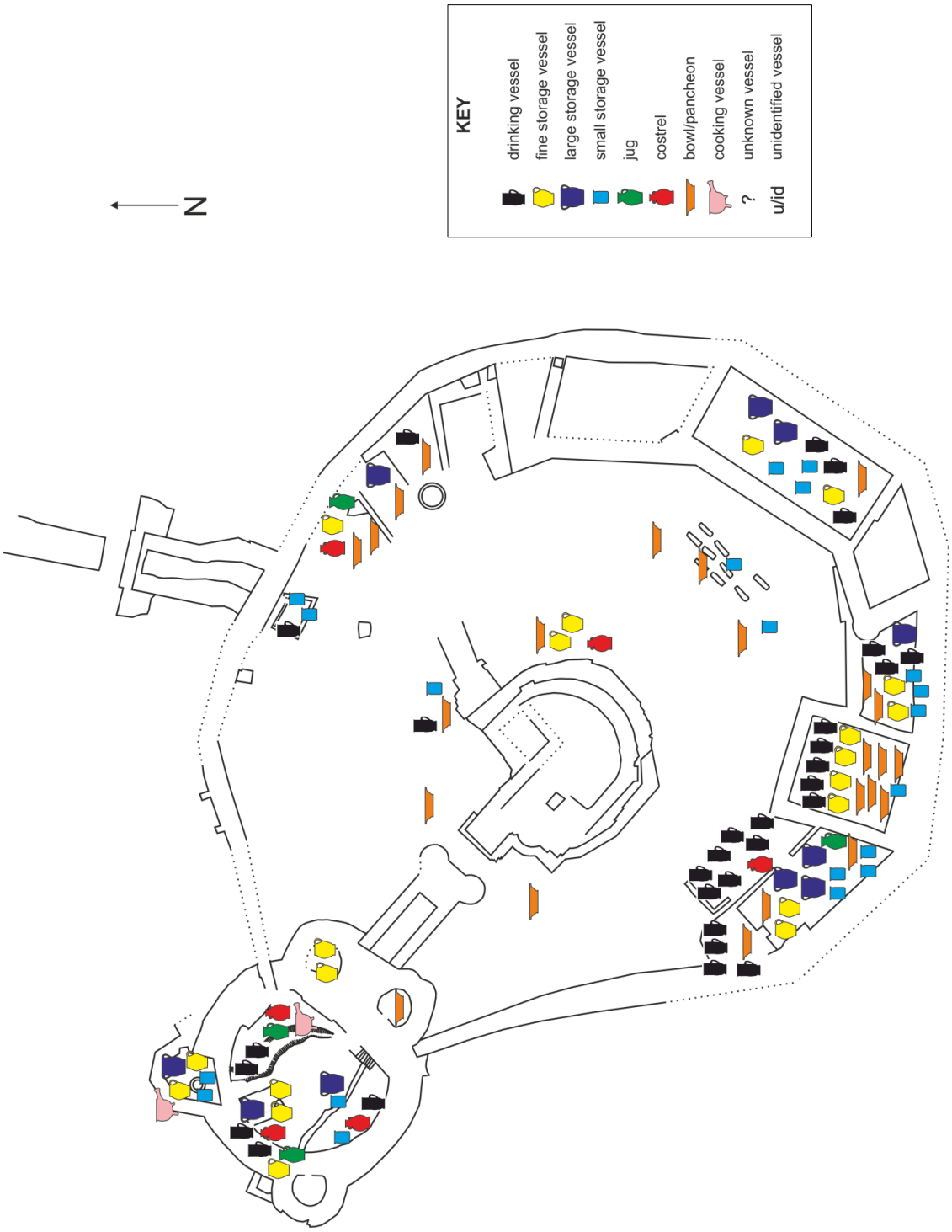


Figure 7.4. Distribution of ceramic vessels at Sandal as tabulated in the original excavation report (source: Brears 1983, 219, Table 15)

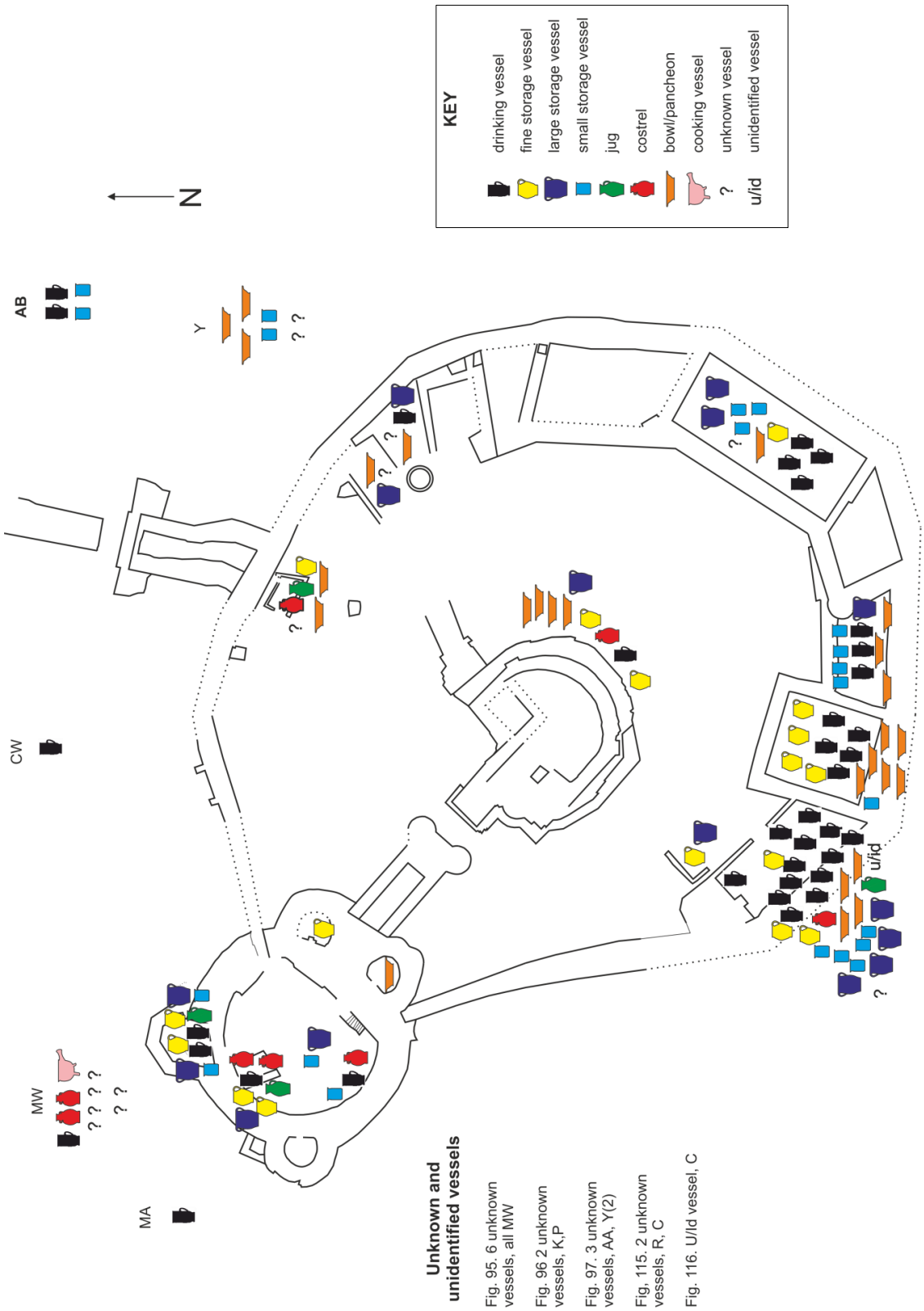


Figure 7.5. Distribution of ceramic vessels at least 15% complete at Sandal

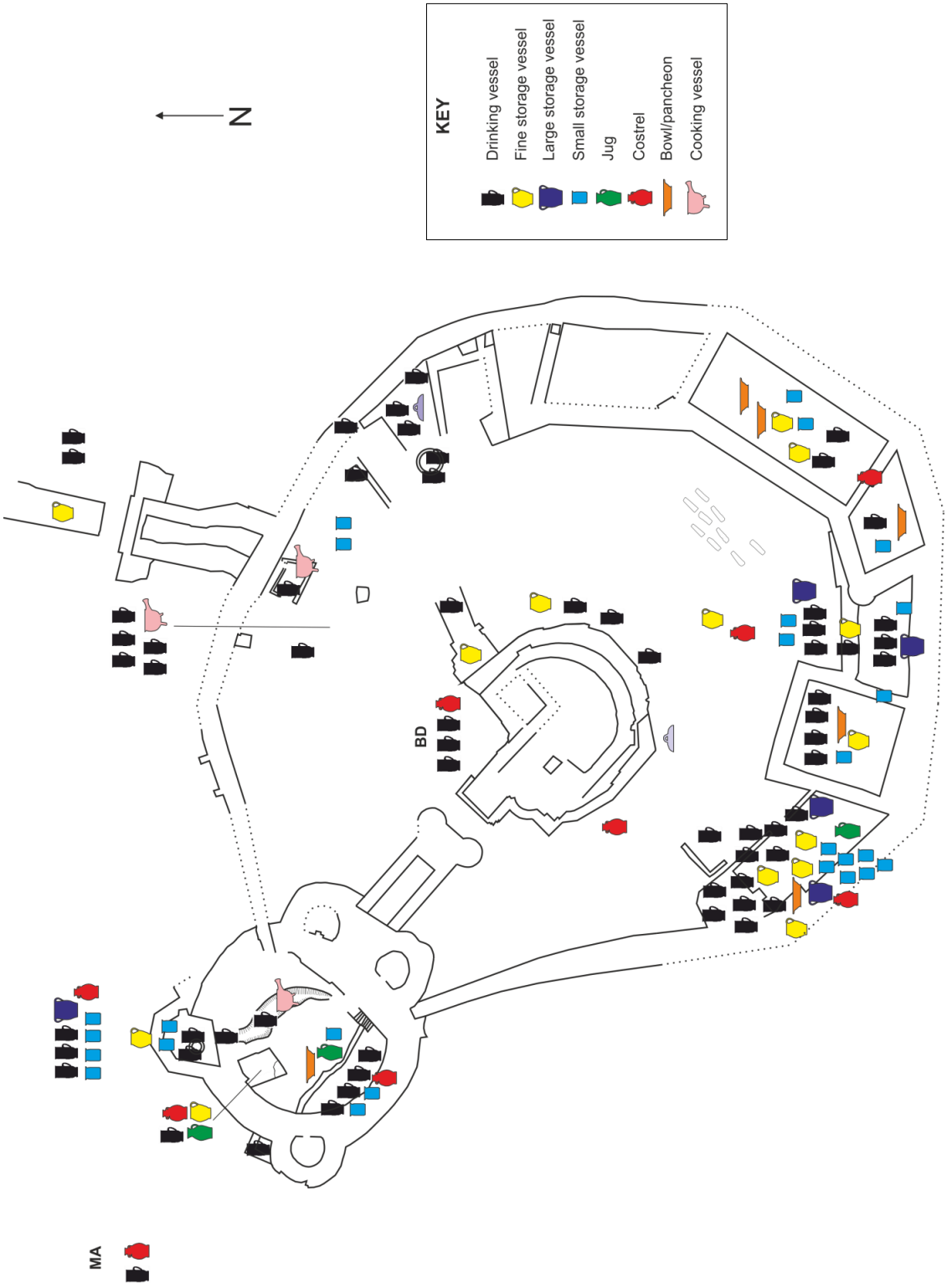


Figure 7.6. Distribution of ceramic vessels at least 15% complete at Sandal, including pancheons and heavy duty storage vessels at least 5% complete

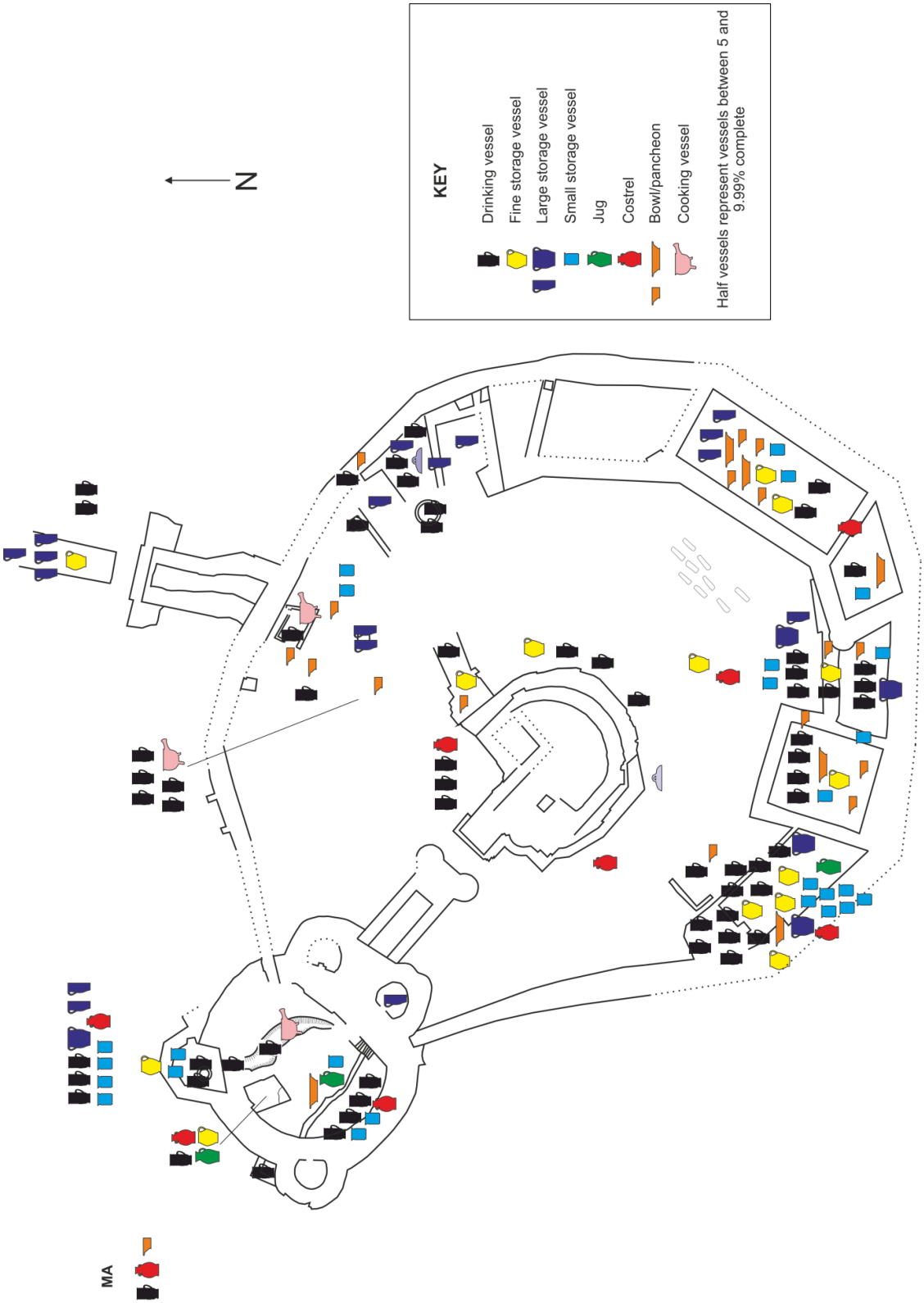
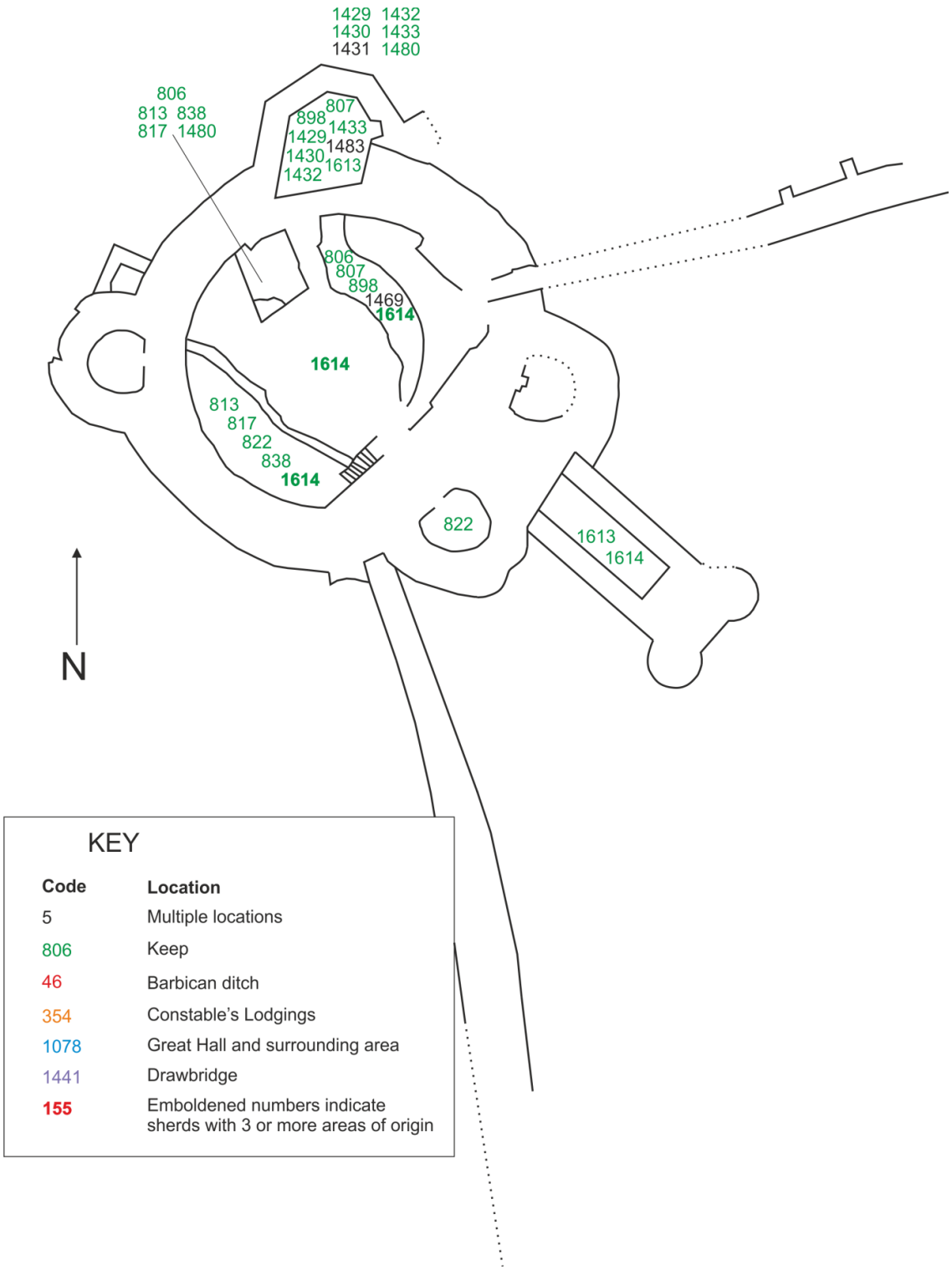
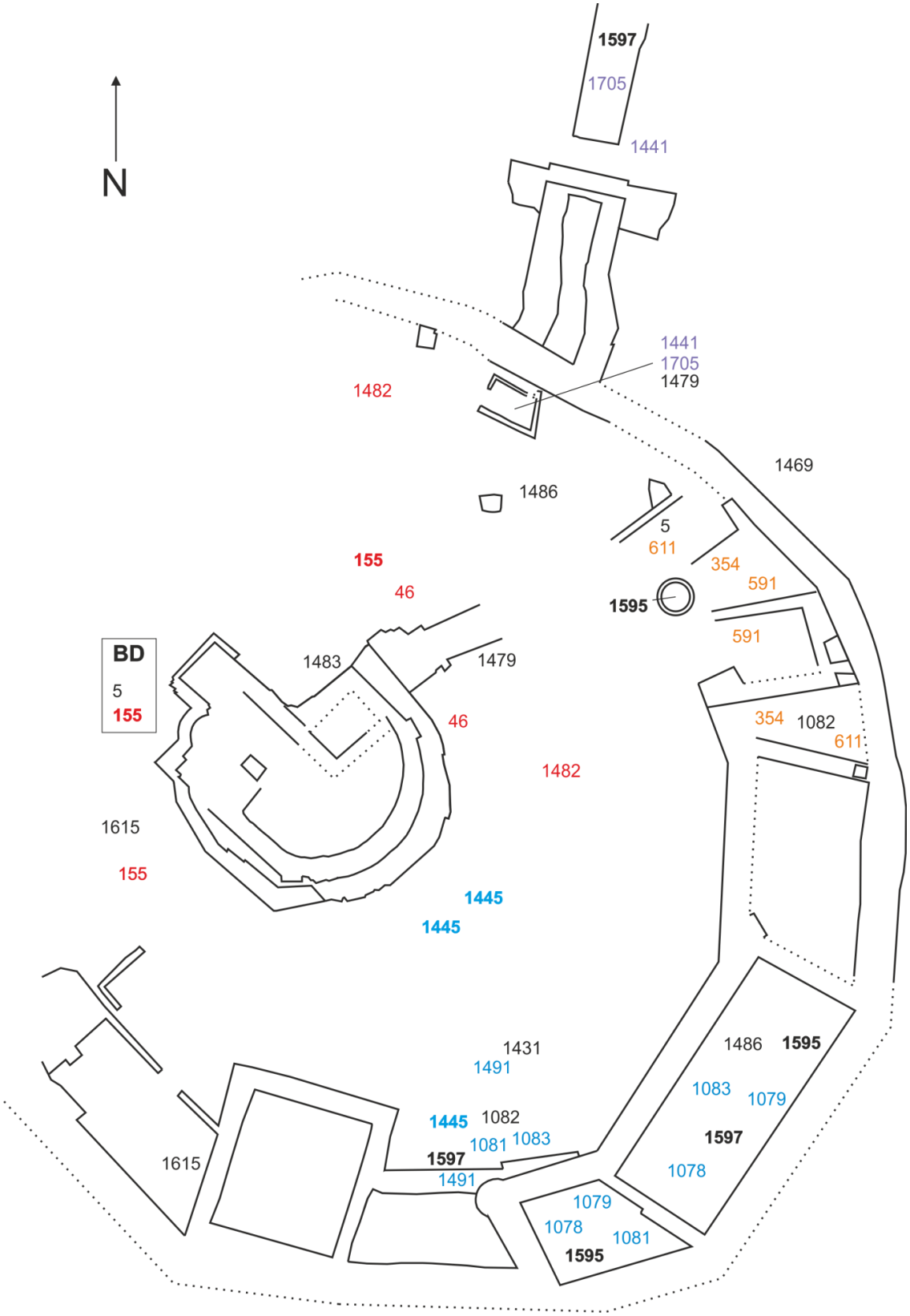


Figure 7.7. Distribution of ceramic cross matching sherds at Sandal
(continued overleaf)




N
1597
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1486
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591
155
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591
BD
5
155
1483
1479
46
354
1082
611
1482
1615
155
1445
1445
1431
1491
1486
1595
1083
1079
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1082
1081
1083
1597
1597
1491
1078
1615
1079
1078
1081
1595

Figure 7.8. Form analysis of all ceramic vessels at least 5% complete at Sandal

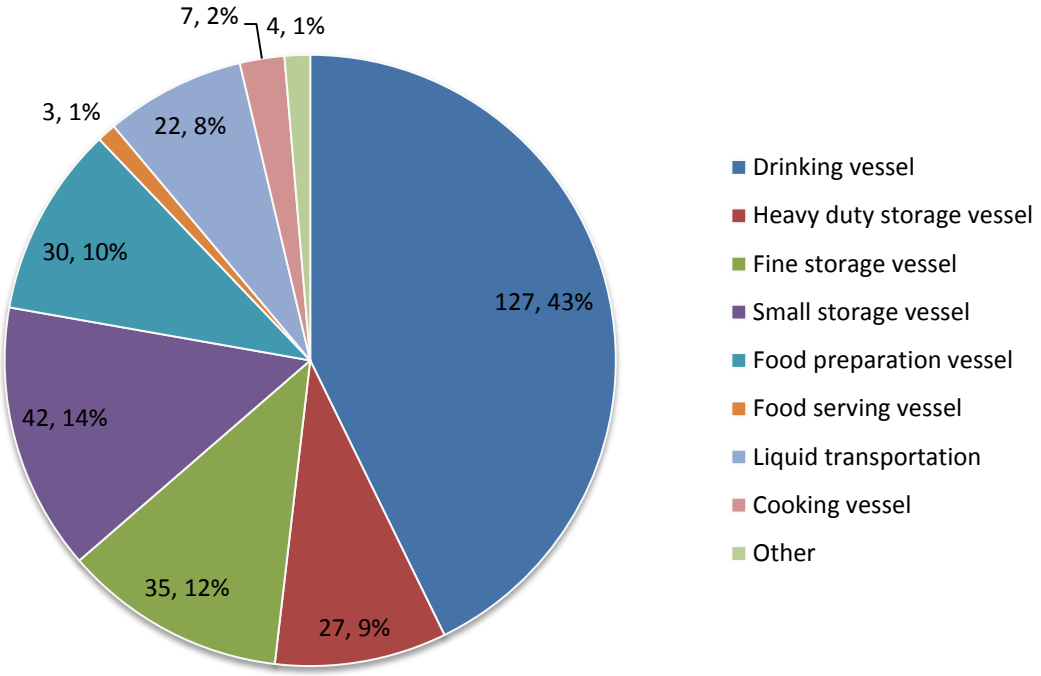


Figure 7.9. Form analysis of all ceramic vessels at least 5% complete sooted before disposal at Sandal

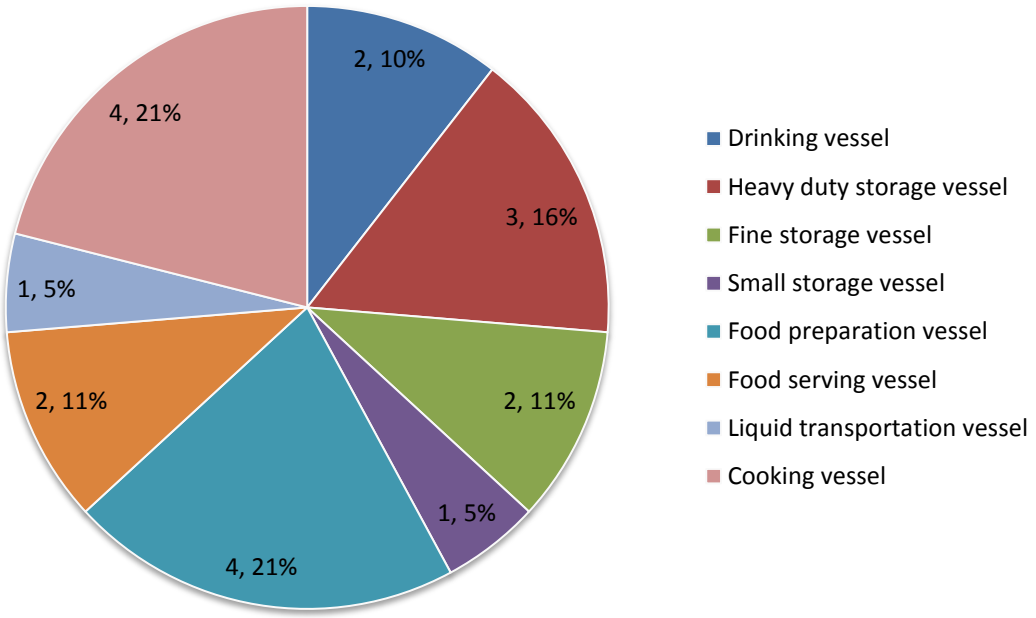


Figure 7.10. Location of ceramic vessels sooted before disposal at Sandal

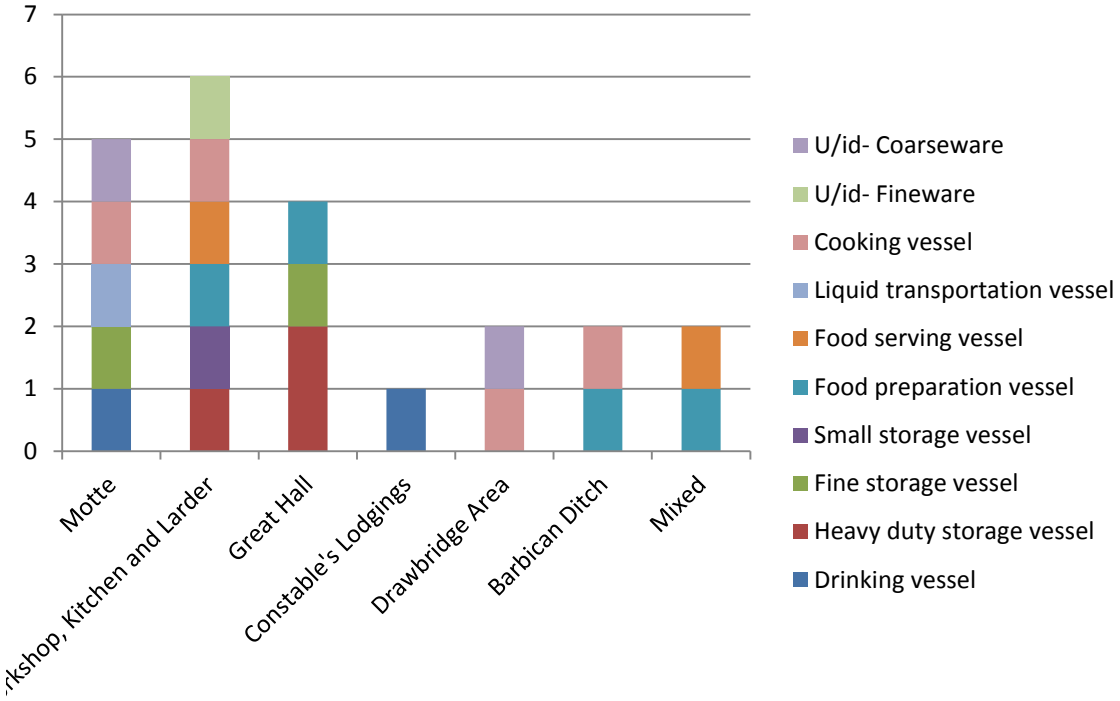


Figure 7.11. Comparison of blackware, Cistercian and transitional vessels at least 5% complete at Sandal

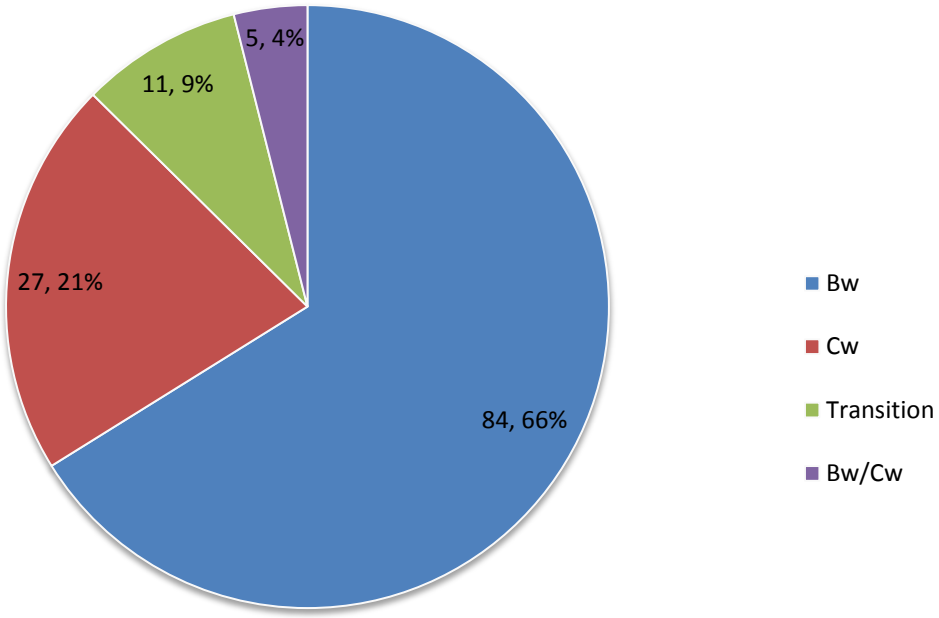


Figure 7.12. Distribution of glass and metal vessels at Sandal
(Source: A. Goodall 1983; I. Goodall 1983 and Moorhouse 1983b)

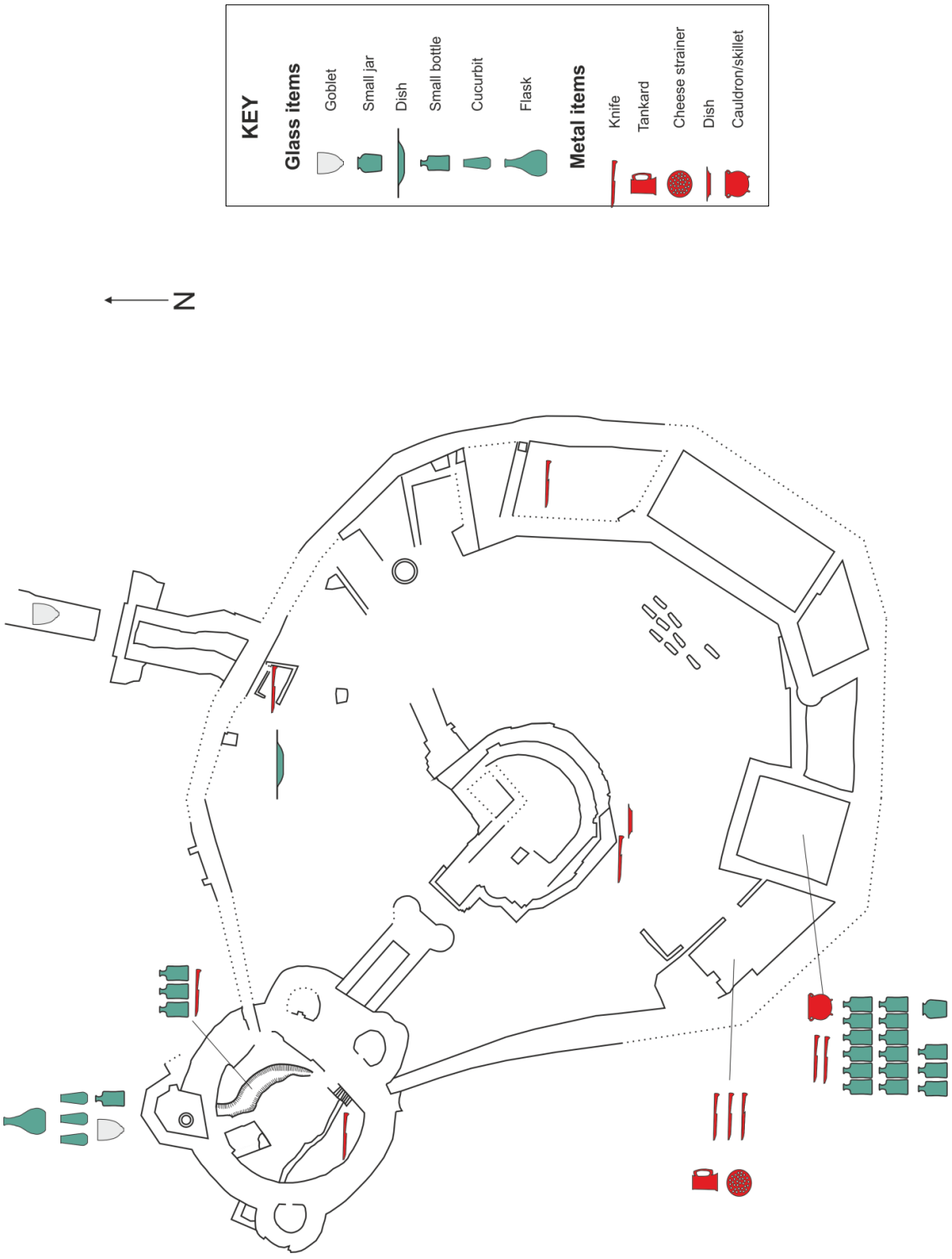


Figure 7.13. Proportion of animal bones recovered from Sandal, excluding horse
(source: Griffiths et al 1983)

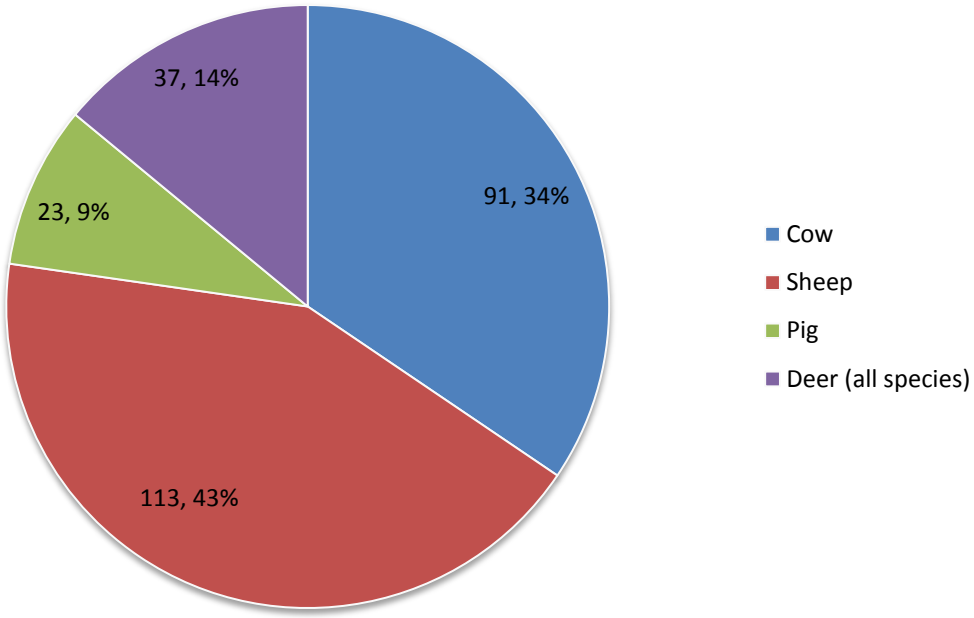


Figure 7.14. Form analysis of ceramic vessels at least 5% complete from the motte at Sandal

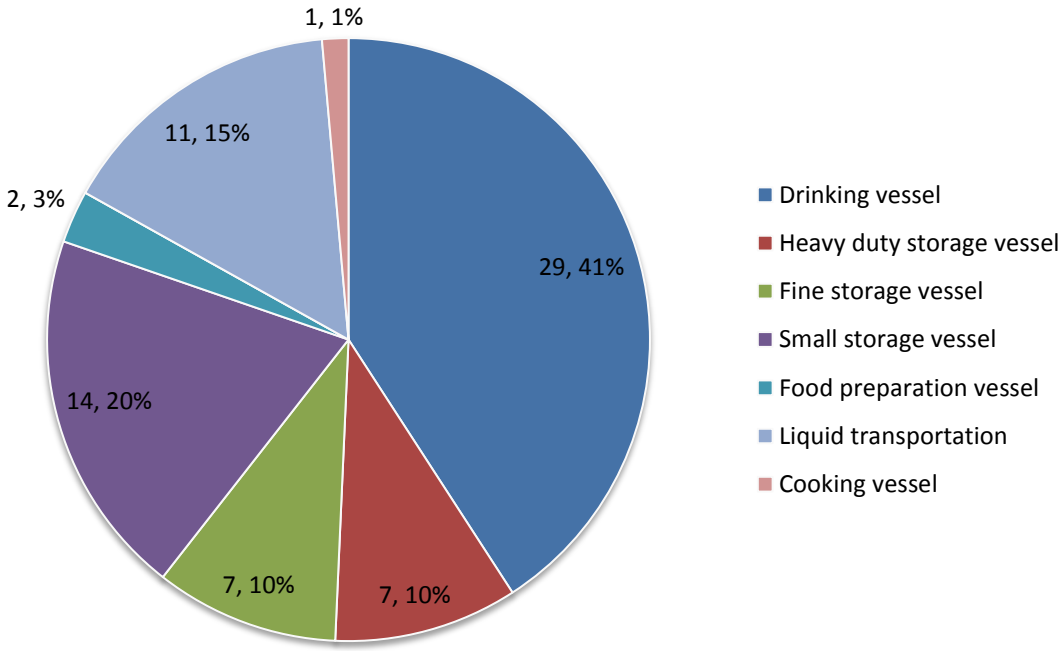


Figure 7.15. Form analysis of ceramic vessels at least 5% complete from the workshop, kitchen and larder at Sandal

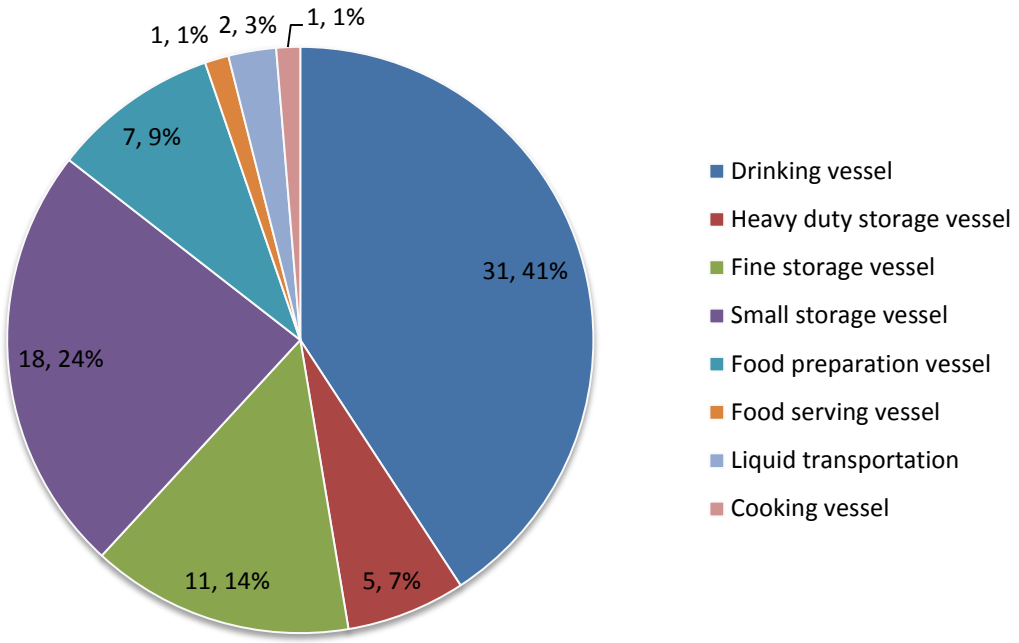


Figure 7.16. Form analysis of ceramic vessels at least 5% complete from the Great Hall at Sandal

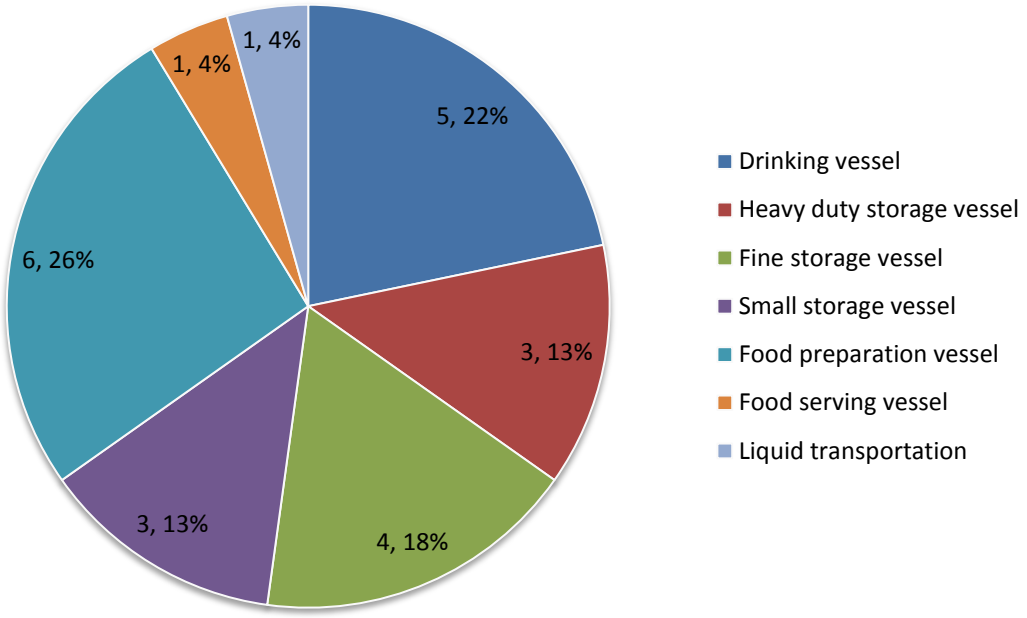


Figure 7.17. Form analysis of ceramic vessels from the Constable's Lodgings at Sandal

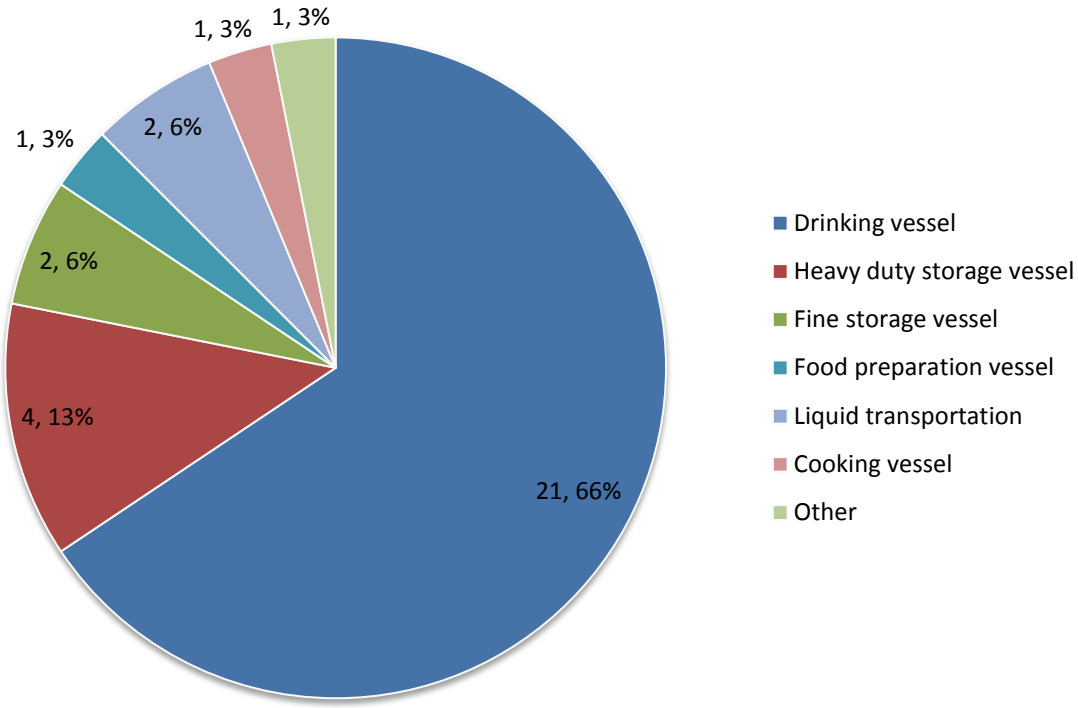
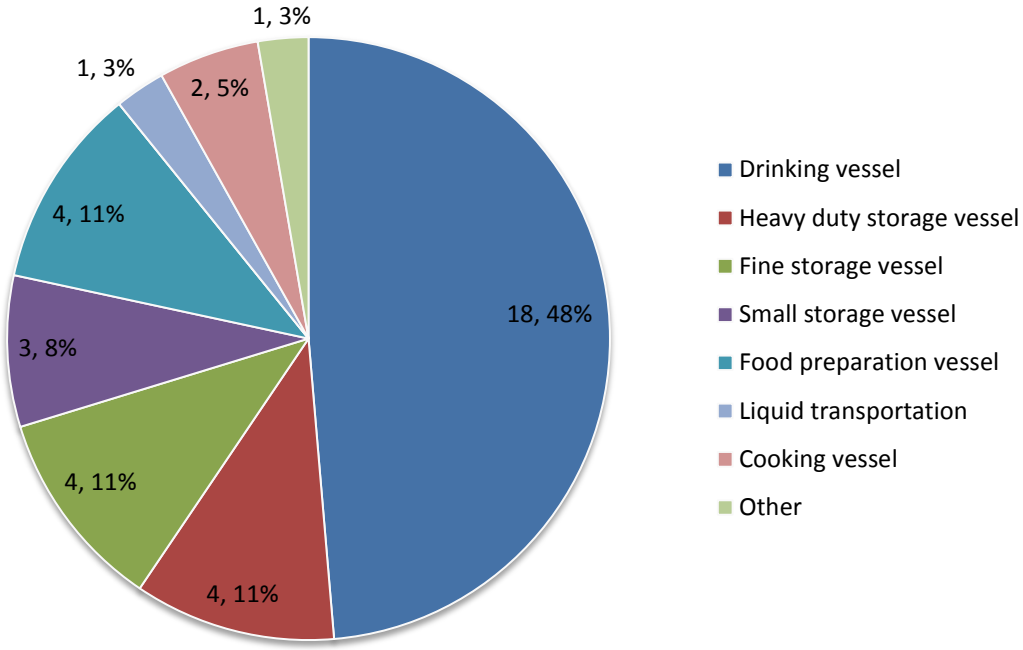


Figure 7.18. Form analysis of ceramic vessels from the drawbridge at Sandal



8 Pontefract

Figure 8.1. Painting of Pontefract Castle c.1620-1640 by Alexander Keirincz
(© Wakefield Council)

Figure 8.2. Plan of Pontefract Castle
(after Roberts 2002a, 4, fig. 2)

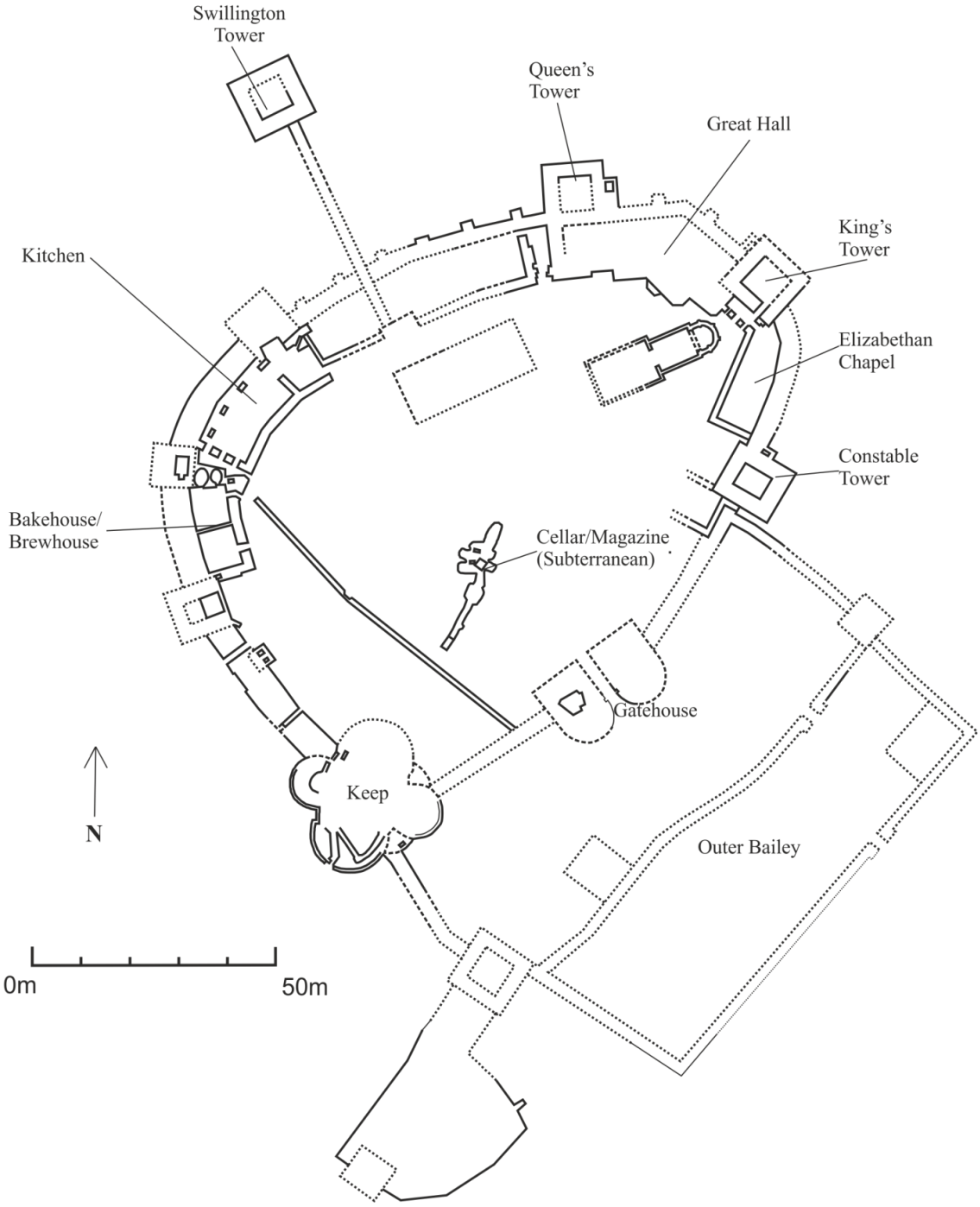
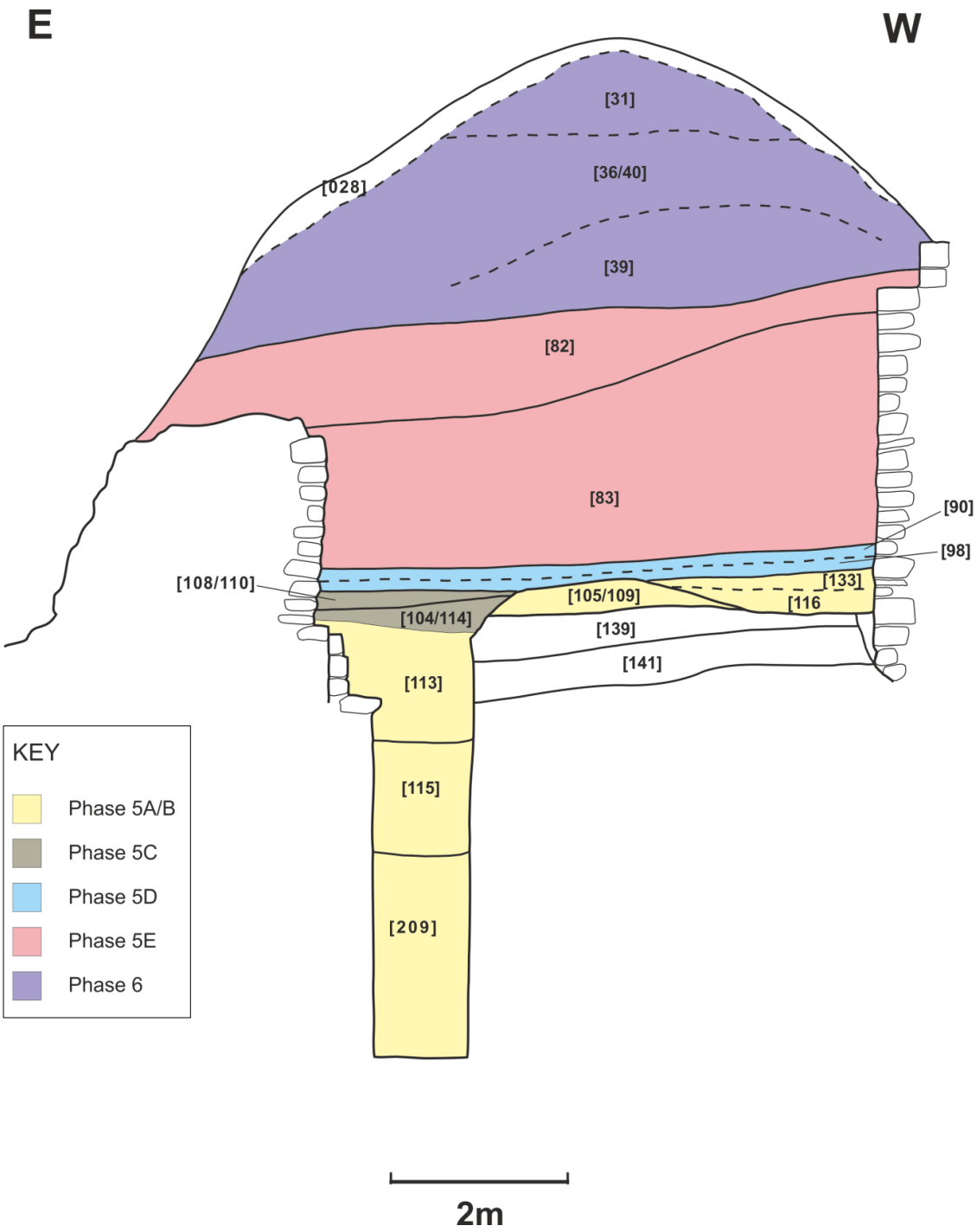


Figure 8.3. Constable Tower occupation phases as assigned by original excavation
(after Roberts 2002d, 108-111, figs.73 and 74; continued overleaf)



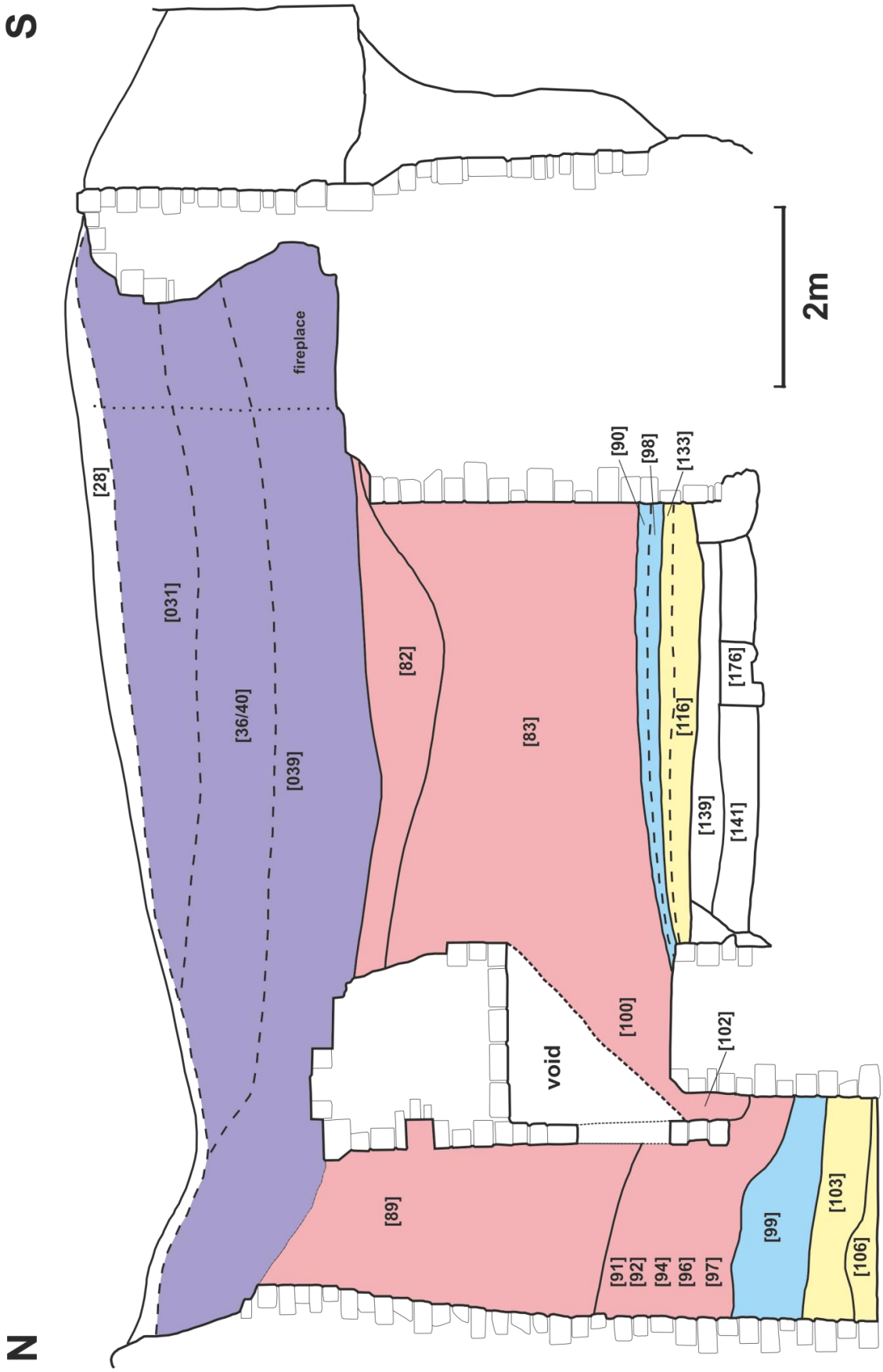
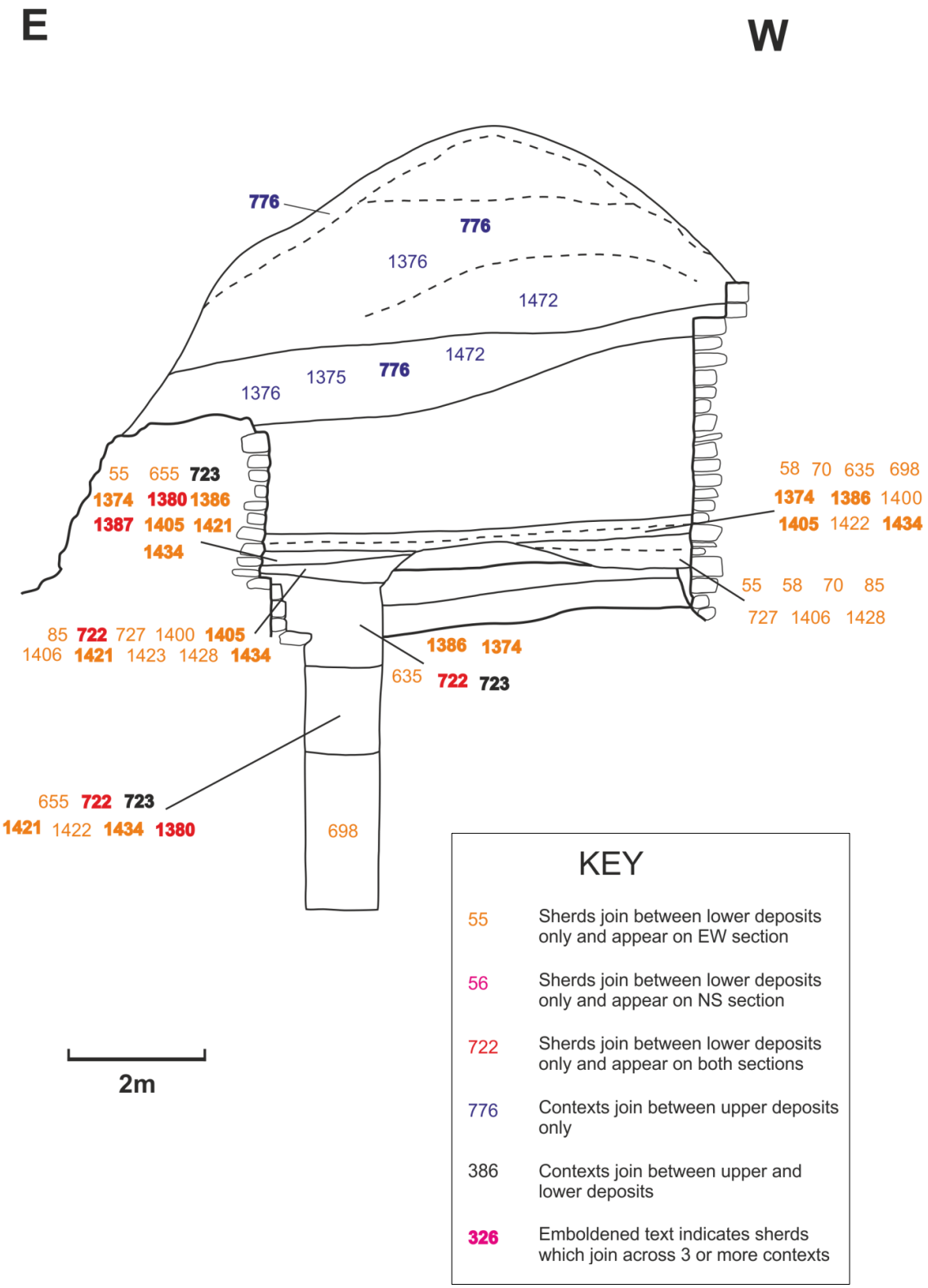

S
N
2m
fireplace
[28]
[031]
[36/40]
[039]
[82]
[83]
[90]
[98]
[133]
[116]
[176]
[139]
[141]
[100]
void
[102]
[89]
[91]
[92]
[94]
[96]
[97]
[99]
[103]
[106]

Figure 8.4. Vessels with sherds joining between assigned phases within the Constable Tower
(continued overleaf)



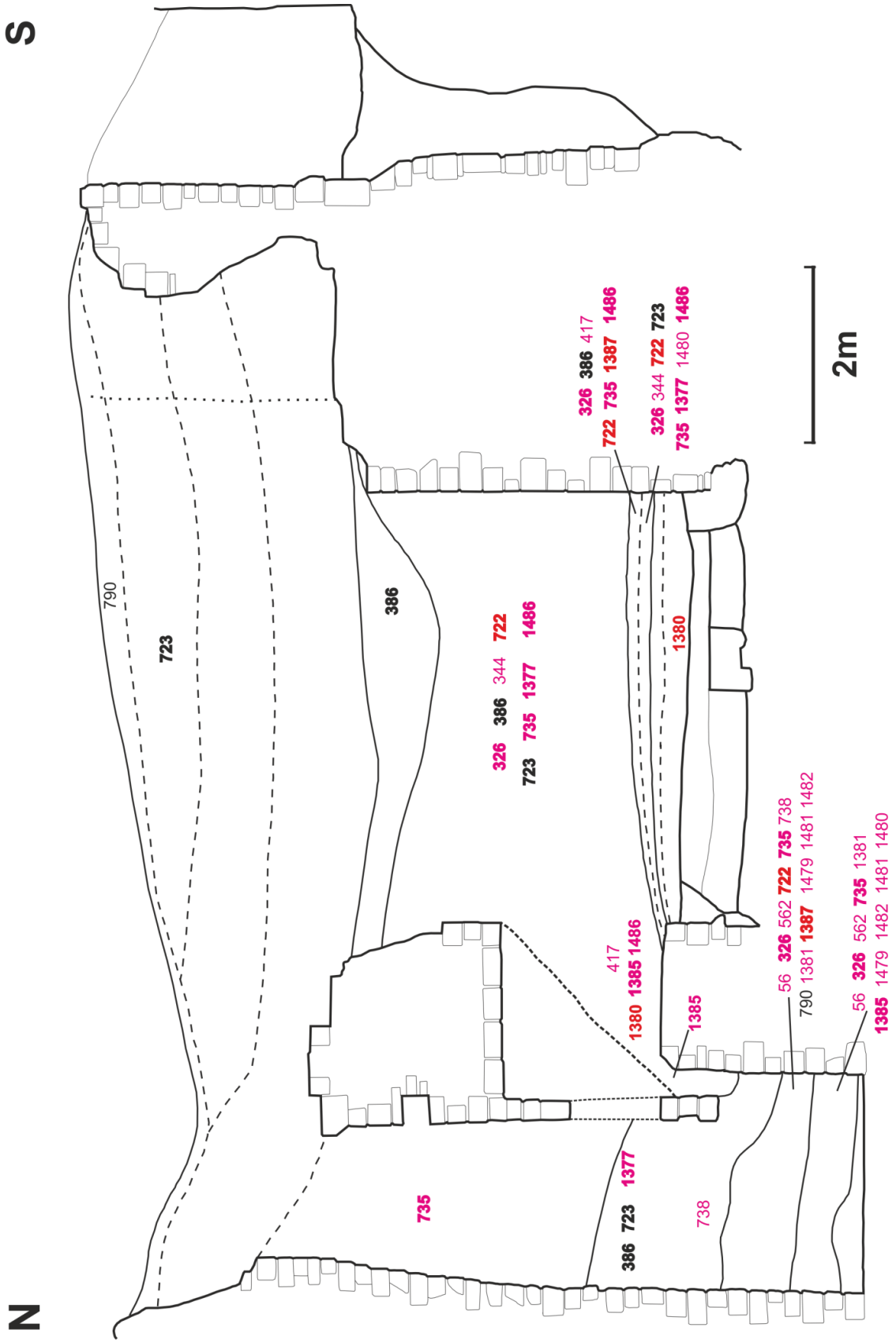
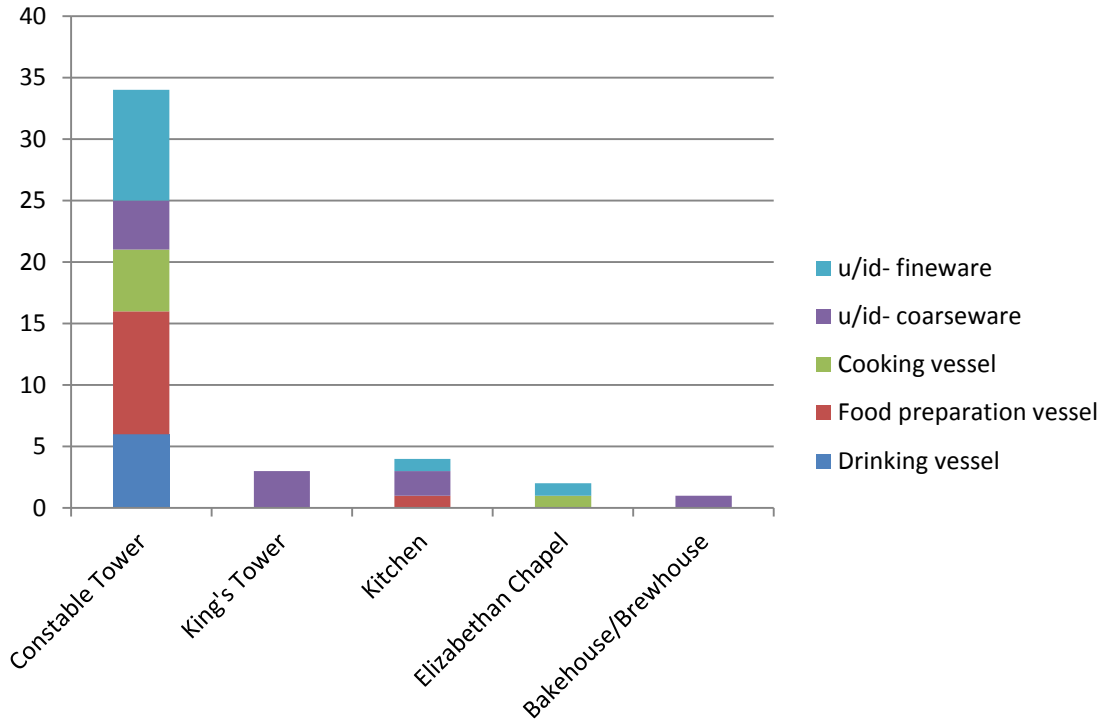

S
N
2m
790
723
386
735
738
1380
1385
326 386 417 722 735 1387 1486
326 344 722 723 735 1377 1480 1486
326 386 344 722 723 735 1377 1486
417 1380 1385 1486
56 326 562 722 735 738 790 1381 1387 1479 1481 1482
56 326 562 735 1381 1385 1479 1482 1481 1480
386 723 1377

Figure 8.5. Vessels sooted before use at Pontefract by location and ware type
8a) represents all sooted vessels, 8b) all sooted vessels at least 5% complete

a)



b)

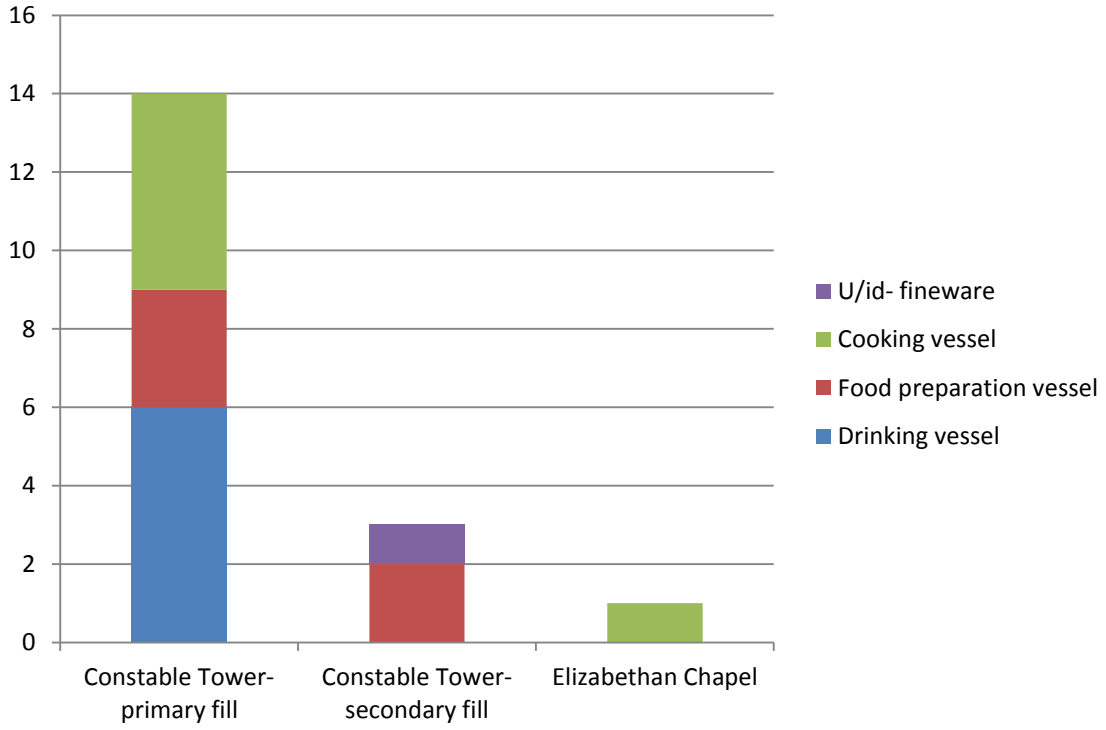


Figure 8.6. Proportion of blackware, Cistercian and transitional drinking vessels from Pontefract

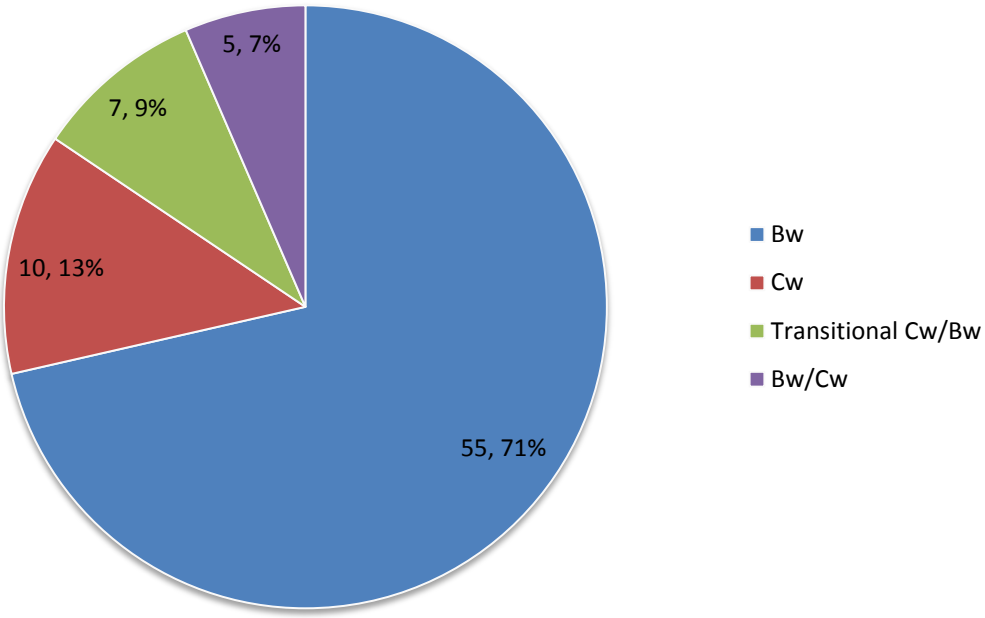


Figure 8.7. Form analysis of vessels at least 5% from the Constable Tower, Pontefract

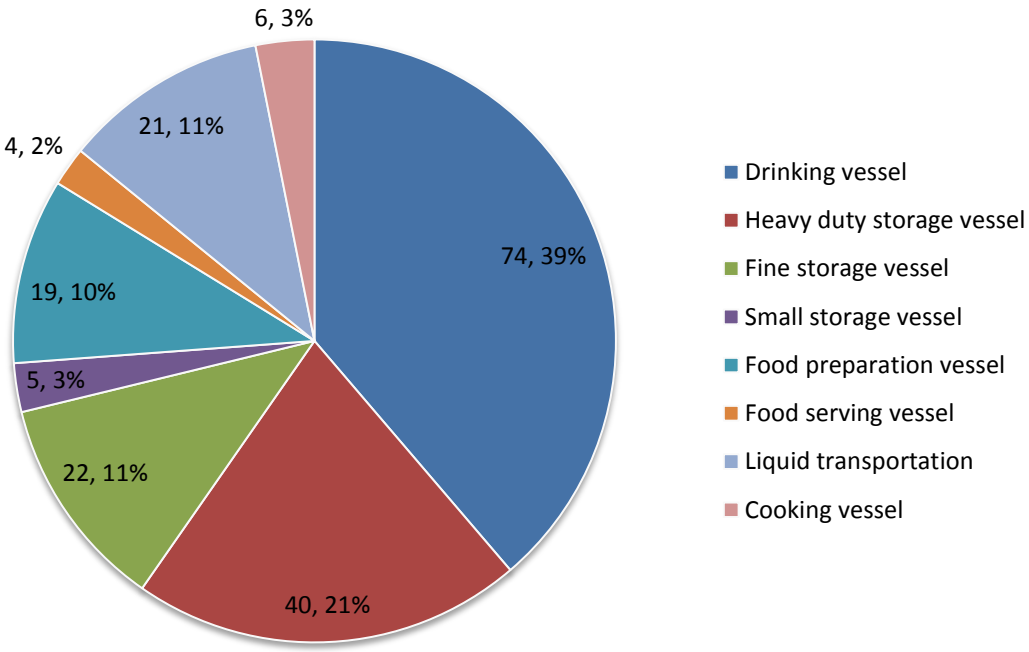


Figure 8.8. Form analysis of vessels at least 5% complete from the initial looting of the Constable Tower, Pontefract

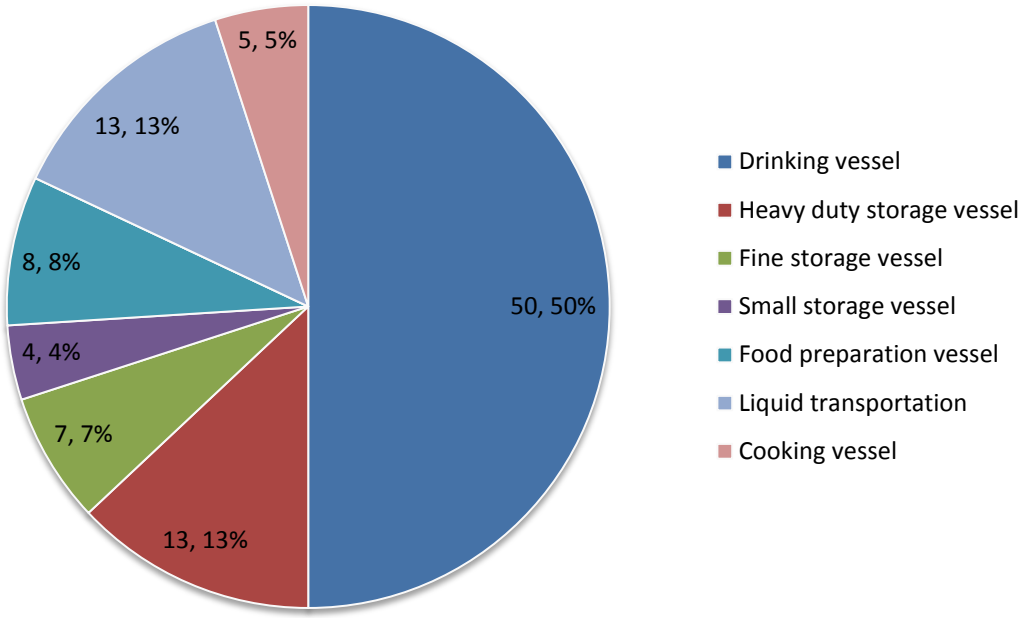


Figure 8.9. Form analysis of vessels at least 5% complete from context [116] within the Constable Tower, Pontefract

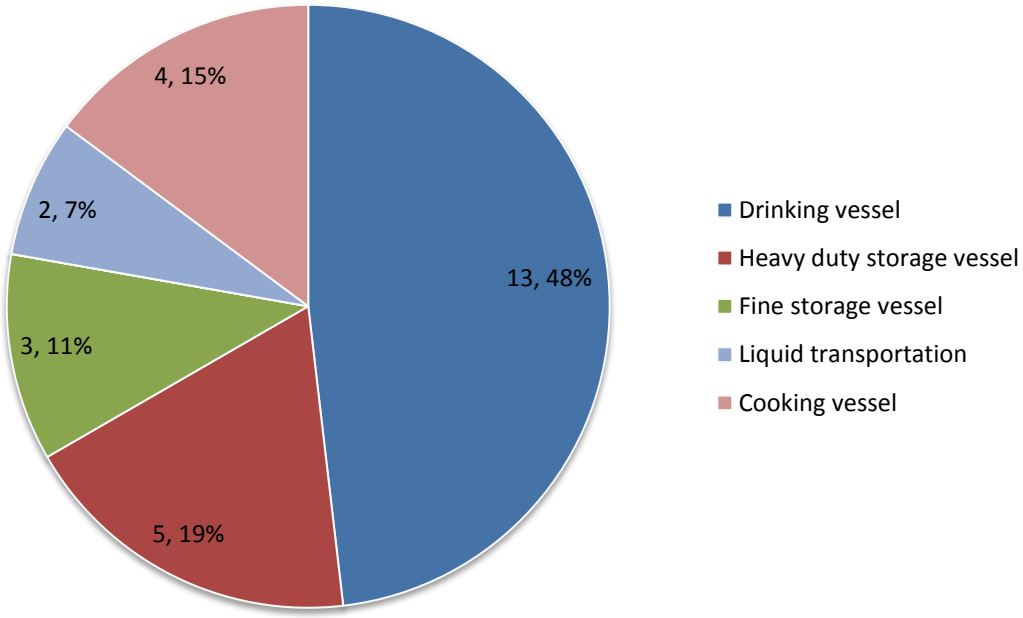


Figure 8.10. Form analysis of vessels at least 5% complete from the demolition phase of the Constable Tower, Pontefract

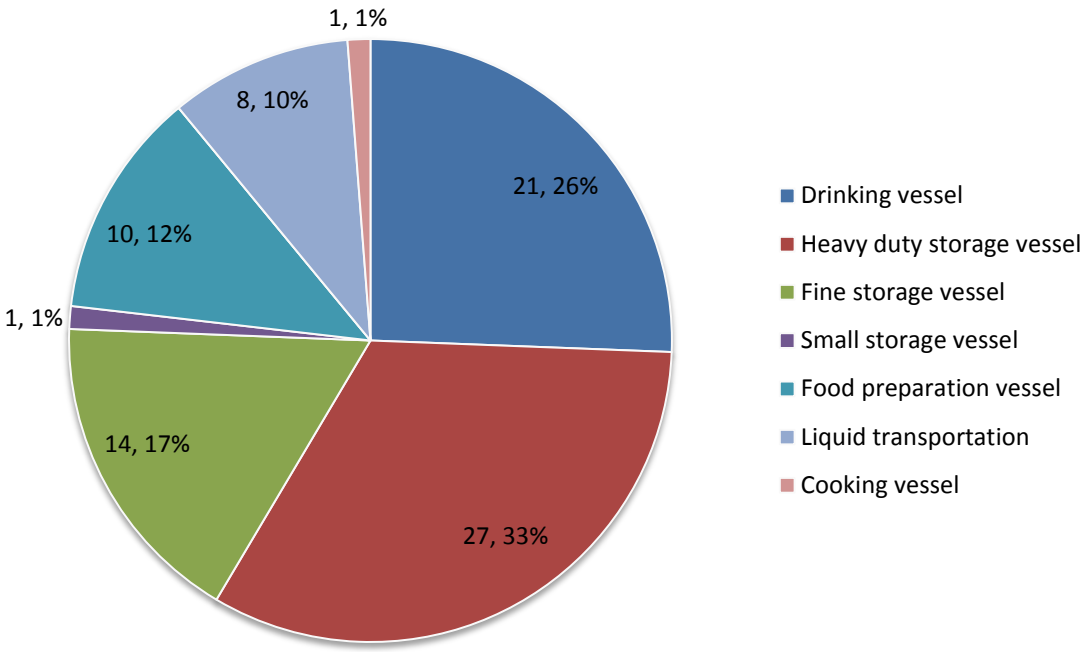


Figure 8.11. Form analysis of vessels at least 5% complete recovered from the King's Tower, Pontefract

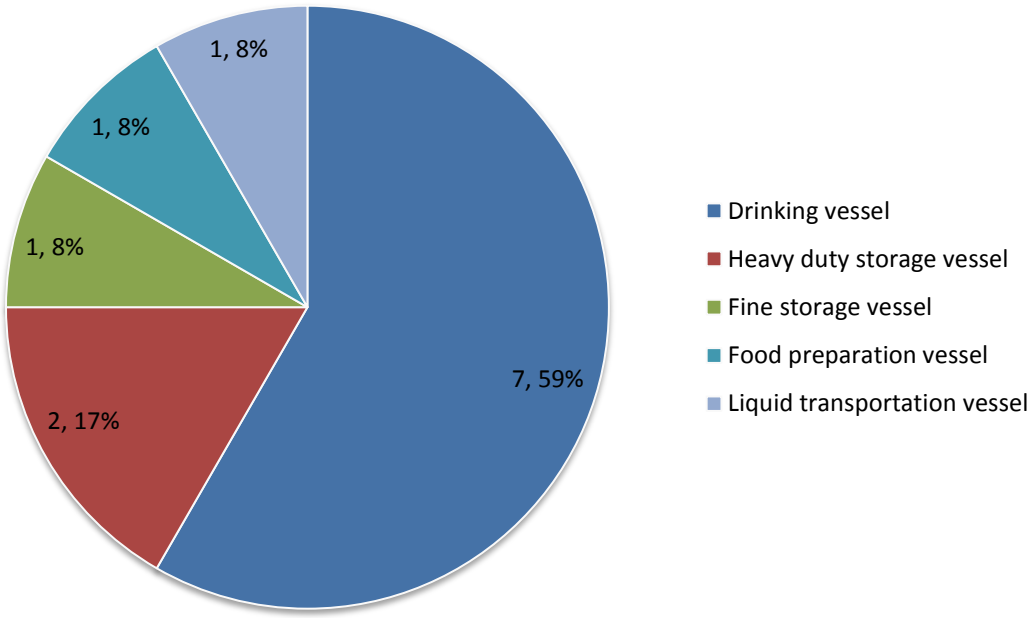


Figure 8.12. Form analysis of vessels at least 3% complete recovered from the King's Tower, Pontefract

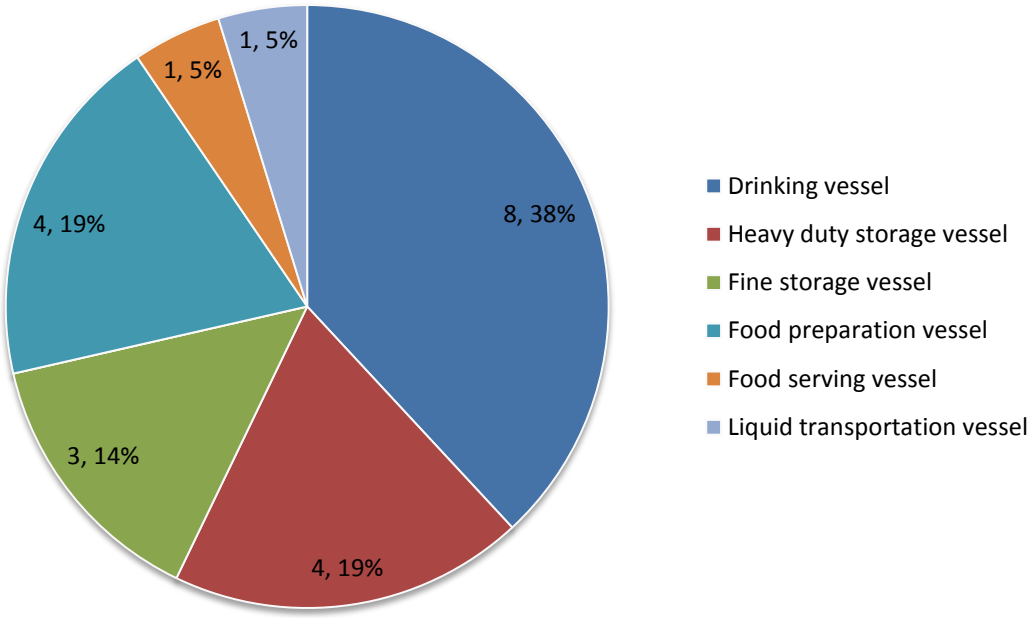


Figure 8.13. Comparison of cattle, sheep/goat and pig bones at least 50% complete retrieved from contexts containing more than 10 bones within the Constable Tower, Pontefract
(source: Richardson unpublished)

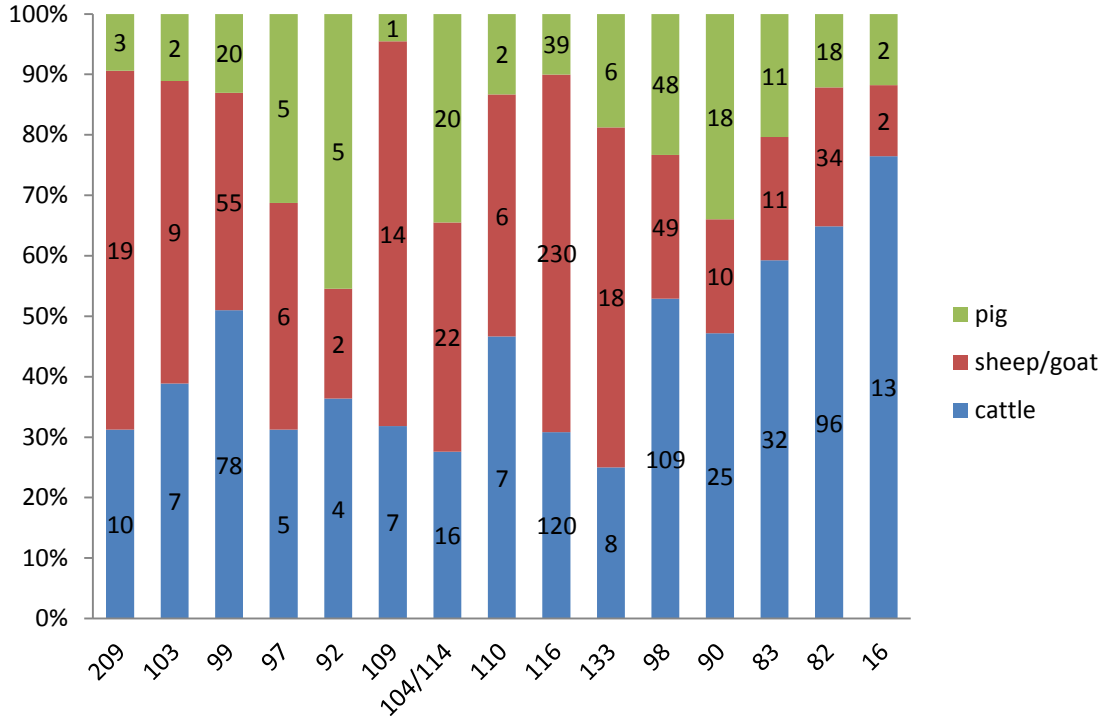


Figure 8.14. Comparison of cattle, sheep/goat and pig bones at least 50% complete retrieved from contexts containing more than 50 bones within the Constable Tower, Pontefract. Contexts organised by depth
(source: Richardson unpublished)

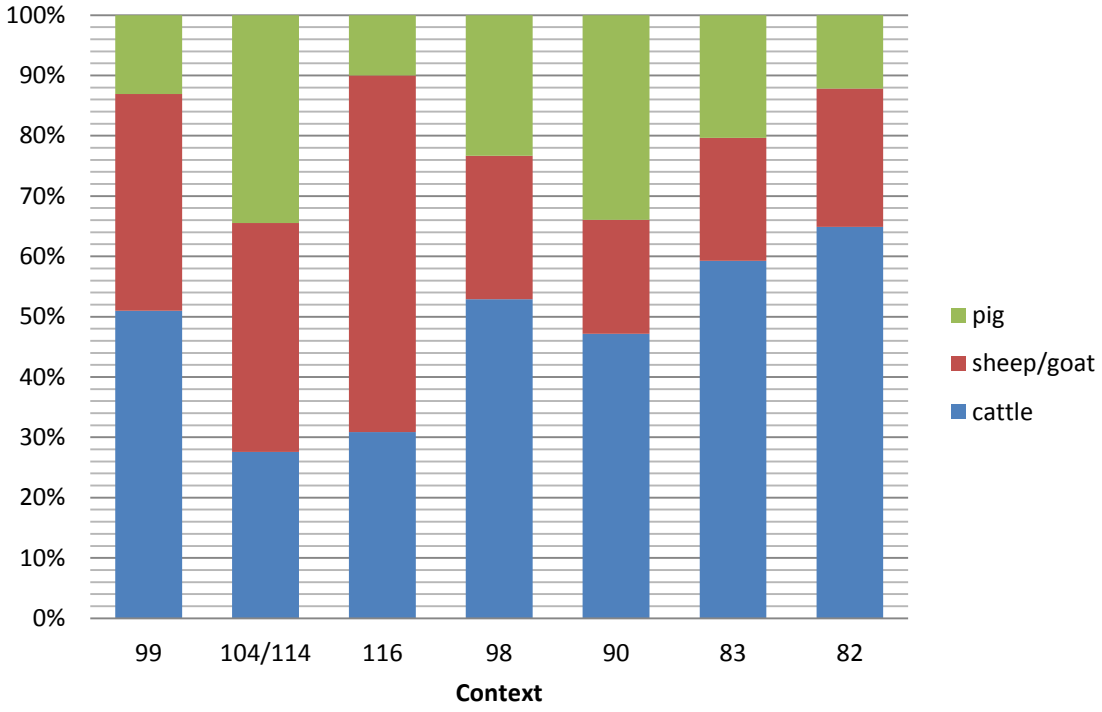
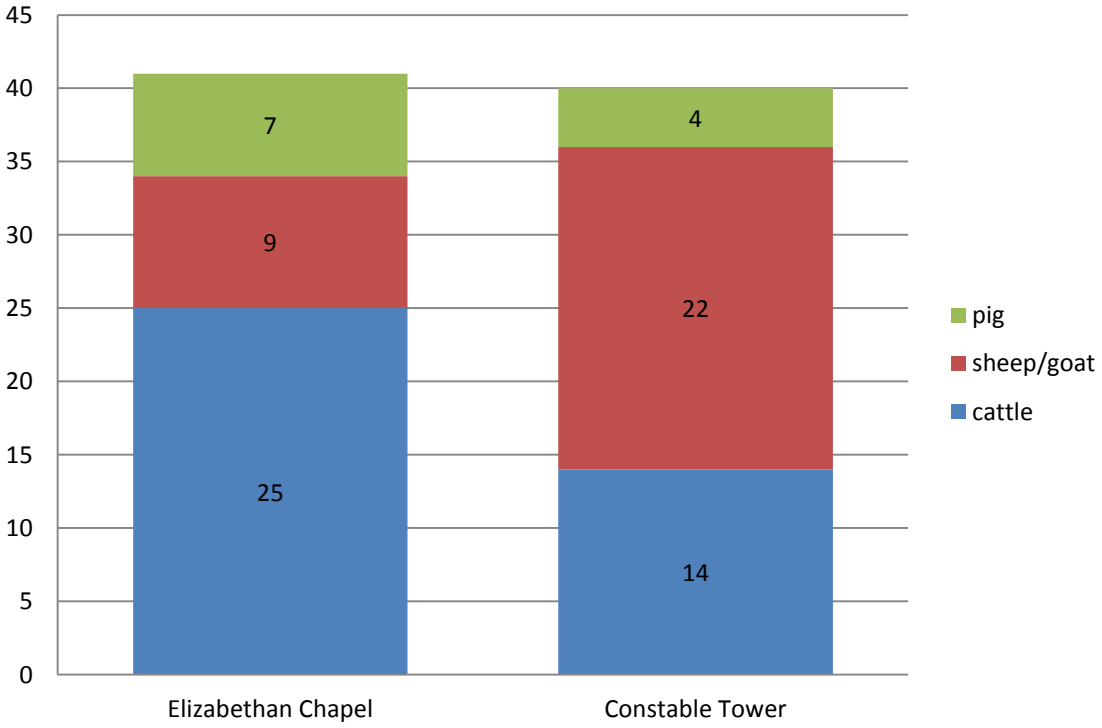


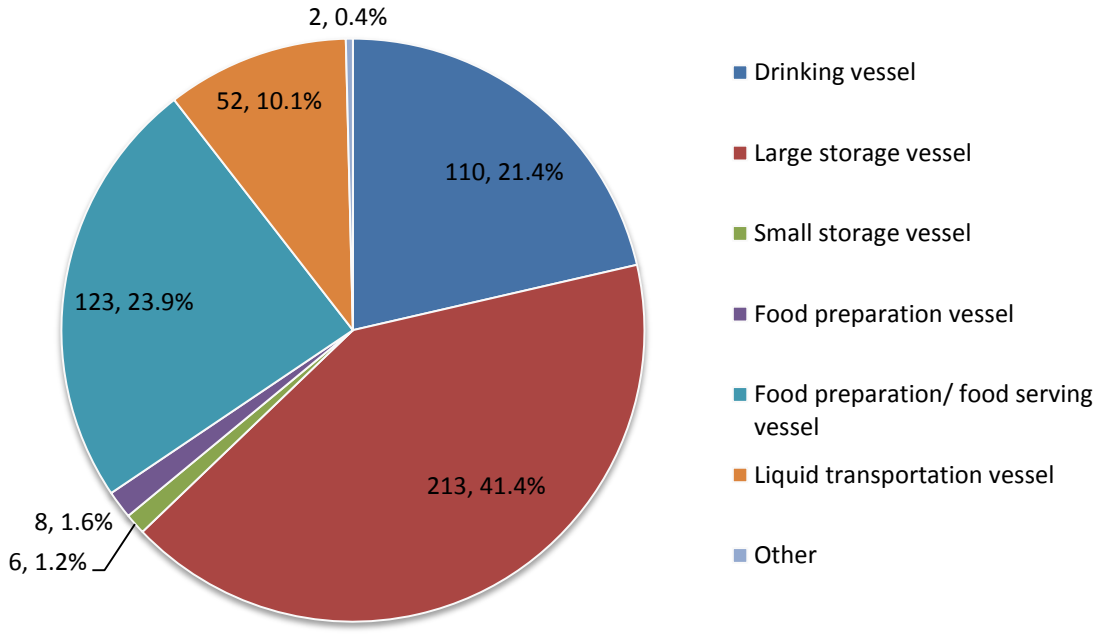
Figure 8.15. Comparison of cattle, sheep/goat and pig bones at least 50% complete deposited within the Elizabethan and Constable Tower countermine shafts, Pontefract
(source: Richardson unpublished)



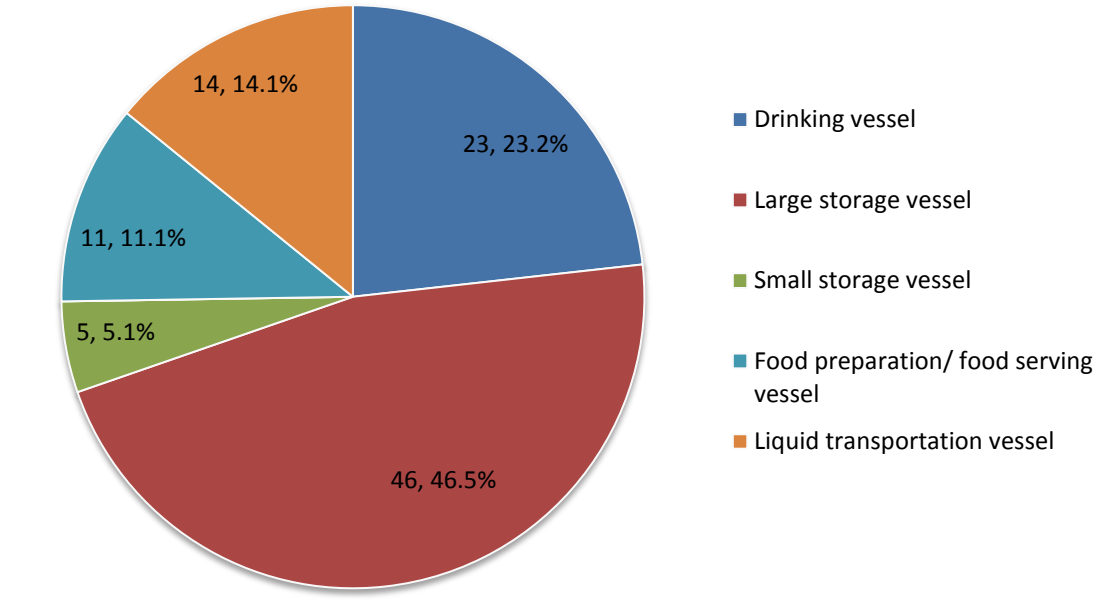
9 Tradition

Figure 9.1. Proportion of ceramic vessels in all vessel categories from the (a) Outer Gateway and (b) Inner Ward of Beeston Castle
(source: Noake 1993, D2)

a)



b)



Tables

3 The consumption of food, drink and associated material culture during the English Civil War

Table 3.1. Vessels purchased by the Parliamentarian garrison at Great Chalfield, Wiltshire (Source: Pafford 1940)

Date of Entry	Goods purchased	Sum Paid (£ s d)
16th March 1645	Earthenwares for the house	0 1 6
19th April 1645	A great earthen jug for the use of the table	0 0 6
19th April 1645	Earthen dishes to furnish the new tables	0 2 0
19th April 1645	For 2 earthen dishes more	0 0 4
3rd June 1645	4 Venice glasses for beer and wine	0 1 6

5 Methodology

Table 5.1. Eccleshall area codes

Areas	Generalised location
B (Moat)	NW Tower
C	NW Tower
D	NW Tower
E	NW Tower
F	NW Tower
G	NE Tower
H	NE Tower
J	N Wall
K (A/B/C/D)	N Wall
L	N Wall
Latrine	NW Tower
M	N Wall
N	N Wall
NE Tower	NE Tower
NW Tower	NW Tower
O	N Wall
P	Unknown
Porch	NW Tower

Table 5.2. Sandal ceramic codes and their most likely location

Code in analysis	Code on pottery	Year excavated	Likely location	Reference in Sandal site report	Notes
102	102	1964(?)	Area of kitchen/larder (K/L)	Not in lists, but several of sherds from K/L have 102 written on them	Does not appear in report, but several of sherds from K/L have 102 written on them
A	A	1967	Unknown		Due to date, is probably somewhere on motte, but uncertain
AA	AA	1973	Building south-west of gatehouse known as F.522	Mayes 1983, 52,54	
AB	AB	1973	Adjacent to AA	Ellis 1983, 257	
AC	AC	1973	Foundation near AA	Mayes 1983, 52, 54	Phases 1 and 2 contain Bw and BGCw and therefore probably originate from Civil War
AD	AD	1973	Top of pier in drawbridge ditch	Mayes 1983, 52	
AE	AE	1973	Slope on north side of drawbridge	Site location noted on p.205	
AK	AK	1973	Bailey well	Mayes 1983, 52-53	
AKX	AKX	1973	Unknown		Not mentioned within report
AM	AM	1973	Garderobe in great chamber	Mayes 1983, 55-56	
BB	BB	1971	Bailey side of Barbican Ditch	Mayes 1983, 47; Moorhouse 1983, 205	
BDA,BDB,BDC etc.	BD etc.		Sections of the Barbican Ditch	Moorhouse 1983, 85	The barbican ditch was separated into different areas for excavation which were assigned letters from A to Z
BRT	BRT	1966	Uncertain location. Note on bag states "trench through Barbican moat"		
C	C	1966	Courtyard	Moorhouse 1983, 205	
C1965					Same as C, but excavated in 1965
CF	CF	1965	Courtyard	Moorhouse 1983, 205	
CW/P	CW/P	1973	Curtain wall adjacent to Constable's Lodgings area P	Moorhouse 1983, 205	
CW/P-Q	CW/P-Q	1973	Curtain wall in vicinity of garderobe Q		Not mentioned within report, but follows logic of codes such as CW/P
CW/R	CW/R	1973	Curtain wall adjacent to Constable's Lodgings area R	Moorhouse 1983, 205	
CW/X	CW/X	1973	Section of curtain wall, exact location unknown		Not mentioned within report. CW almost certain refers to curtain wall, but no record of area X
CY	CY	1973	Courtyard	Moorhouse 1983, 205	Exact location unknown
D	D	1967	Kitchen	Moorhouse 1983, 206	Differentiated from K as excavated in separate years
DBN	DBN	1973	Area to west of drawbridge	Mayes 1983, 52	
DBS	DBS	1973	Area to east of drawbridge	Mayes 1983, 52	
East Curtain	East Curtain		Section of curtain wall, exact location unknown		Not mentioned within report
F	F	1965	Bakehouse, upper deposits	Moorhouse 1983, 205	
FO	FO	1965	Bakehouse, upper deposits	Moorhouse 1983a, 205	

Code in analysis	Code on pottery	Year excavated	Likely location	Reference in Sandal site report	Notes
J	J	1966	Lodgings building	Mayes 1983, 55; Moorhouse 1983a, 206	
JA		1966	Unknown		JA may be located in the JB, although it is not mentioned within the report
JB		1966(?)	Area of barbican ditch next to the kitchen	Ellis 1983, 256-7	
K	K	1966	Great Hall	Mayes 1983, 55	Supported by codes on iron objects (e.g. Goodall 1983, 240, fig 4.30)
K(8)	K8	1966	Wall robber trench between larder and kitchen	Moorhouse 1983a, 206	
KDN	KDN	1971	Post holes within BDL/M	Moorhouse 1983a, 205	
L	L	1966	Courtyard between kitchen and larder (buildings D and E)	Moorhouse 1983a, 206	
LK	LK	1965(?)	Courtyard between kitchen and larder (buildings D and E)	Moorhouse 1983a, 206	Appears as K/L in report, but almost certainly the same location
M	M	1967	Motte, exact location unknown.	Moorhouse 1983a, 206	
MA	MA	1967	Motte, exact location unknown.		Not mentioned in report. M-prefix indicates location on motte, but no record of MA
MB	MB	1967	South-eastern tower on motte	Mayes 1983, 45	
MD	D	1967	North tower of Keep	Mayes 1983, 45	
MDX	MDX	1972	Exterior of north tower of Keep	Mayes 1983, 45; Moorhouse 1983a, 206	
MF	F, MF	1967	Fill between original Keep wall and later wall in centre of motte	Mayes 1983, 45; Moorhouse 1983a, 206	Pottery only marked as F1, is confusion over F but date of excavation (1967) suggests this letter refers to MF rather than the alternative
MG	G	1967	Deposit within Keep room G	Moorhouse 1983a, 206	Keep room G unmarked on plan
MGC	MGC	1969(?)	Uncertain location near MG	Moorhouse 1983a, 206	
MH	H	1967	Deposit within Keep room H	Mayes 1983, 45	
MJ	J	1967	Entrance to motte?	1967 is excavation of motte, assume J therefore refers to MJ, entrance to motte.	Not mentioned within report but the motte was excavated in 1967. As a result, J is likely to refer to MJ, the entrance of the motte
MK	W, K, MK	1967	Siege trench excavated across centre of motte	Mayes 1983, 45; Moorhouse 1983a, 206	
MN	MN	1968	Unknown		Probably on the motte, as has an M prefix, but not mentioned within report
MP	MP	1967	Garderobe on motte	Mayes 1983, 45	
O	O	1965	Deposit above bakehouse floor	Moorhouse 1983a, 206	
P	P	1973	Constable's Lodgings	Mayes 1983, 51,53	
Q	Q	1973	Garderobe near Constable's lodgings	Mayes 1983, 51,54	
R	R	1973	Constable's Lodgings	Mayes 1983, 51, 53	
SC65	SC65	1965	Area excavated in 1965 (deposits over south-eastern quadrant of castle, see fig. 7.2)		113 is also marked on a number of sherds, but as this appears on numerous sherds across the south-western part of the site this is unhelpful

Code in analysis	Code on pottery	Year excavated	Likely location	Reference in Sandal site report	Notes
SCK	SCK	1964	Kitchen	Moorhouse 1983a, 206 (appears as K)	SCK does not appear in the site report, but SC is probably a prefix representing Sandal Castle. SCK is an amalgamation of a number of areas related to the kitchen, including robber trenches relating to the walls and the kitchen drain
SCL	SCL	1964	Larder		L does not within report. However, if K/L is the area between the kitchen and the larder (Moorhouse 1983a, 206), it follows that L is the larder.
SCLK	SCLK	1964	Courtyard between kitchen and larder (buildings D and E)	Moorhouse 1983a, 206 (appears as K/L)	Probably same area as LK, but kept separate in case they are different areas
T	T	1973	Constable's Lodgings, area T	Mayes 1983, 53	
V	V	1973	Great Chamber	Mayes 1983, 54-55	
W	W	1973	Privy Chamber	Mayes 1983, 54-5	
W1	W	1966	Late 19th-century trench excavated over north wall of larder	Moorhouse 1983a, 206	
YC	YC	1973	Trial trench next to barbican ditch area C (BDC)		Not mentioned within report, but YY is described as a trial trench next to area BDY (Moorhouse 1983, 206). It therefore follows that YC is a trial trench next to BDC
YY	YY	1973	Trial trench in courtyard in area adjacent to barbican ditch area Y	Moorhouse 1983a, 206	
YZ	Y/YZ	1973	Trial trench next to barbican ditch area Z (BDZ)		Not mentioned within report, but YY is described as a trial trench next to area BDY (Moorhouse 1983a, 206). It therefore follows that YZ is a trial trench next to BDZ
Z	Z	1973	Section of outer moat between approach road and gatehouse	Moorhouse 1983a, 206	

Table 5.3. Pontefract context numbers and area of origin
(Source: Roberts 2002a, 448-463)

Context	Area
16	Elizabethan Chapel
28	Constable Tower
29	Constable Tower
31	Constable Tower
31	Constable Tower
32	Constable Tower
35	Constable Tower
36	Constable Tower
37	Constable Tower
38	Constable Tower
39	Constable Tower
40	Constable Tower
42	Elizabethan Chapel
43	Constable Tower
45	Elizabethan Chapel
54	Elizabethan Chapel
62	Elizabethan Chapel
64	Elizabethan Chapel
74	Elizabethan Chapel
79	Constable Tower
82	Constable Tower
83	Constable Tower
87	Constable Tower
89	Constable Tower
90	Constable Tower
92	Constable Tower
96	Constable Tower
97	Constable Tower
98	Constable Tower
99	Constable Tower
100	Constable Tower
101	Constable Tower
102	Constable Tower
103	Constable Tower
104	Constable Tower
108	Constable Tower
109	Constable Tower
110	Constable Tower
113	Constable Tower
114	Constable Tower
115	Constable Tower
116	Constable Tower
117	Constable Tower
118	Elizabethan Chapel
122	Elizabethan Chapel
126	Elizabethan Chapel
133	Constable Tower
134	Constable Tower
145	Constable Tower
148	Constable Tower
150	King's Tower
155	Elizabethan Chapel
161	Elizabethan Chapel
208	Elizabethan Chapel
209	Constable Tower
213	King's Tower
226	Elizabethan Chapel
235	King's Tower
240	Constable Tower
245	Constable Tower
246	Constable Tower
255	Elizabethan Chapel
266	Elizabethan Chapel
269	Elizabethan Chapel
271	Elizabethan Chapel
279	Constable Tower
3018	Bakehouse/Brewhouse
3020	Bakehouse/Brewhouse
3025	Bakehouse/Brewhouse
3050	Bakehouse/Brewhouse
3061	Bakehouse/Brewhouse
3064	Bakehouse/Brewhouse
3065	Bakehouse/Brewhouse
3066	Bakehouse/Brewhouse
3069	Bakehouse/Brewhouse
3070	Bakehouse/Brewhouse
3087	Bakehouse/Brewhouse
3107	Bakehouse/Brewhouse
3161	Bakehouse/Brewhouse
3165	Buttery
3165	Buttery
3168	Bakehouse/Brewhouse
3188	Buttery
3198	Bakehouse/Brewhouse (?)
4010	Kitchen

Context	Area
4035	Kitchen
4040	Kitchen
4047	Kitchen
4072	Kitchen
4076	Kitchen
4093	Kitchen
4094	Kitchen
4104	Kitchen
4105	Kitchen
4106	Kitchen
4111	Kitchen
4114	Kitchen
4128	Kitchen
4142	Kitchen
4159	Kitchen
4162	Kitchen
4168	Kitchen
4169	Kitchen
4176	Kitchen
4179	Kitchen
4187	Kitchen
4190	Kitchen
4208	Kitchen
4233	Kitchen
4236	Kitchen
4243	Kitchen
4258	Kitchen
4261	Kitchen
4267	Kitchen
4271	Kitchen
4277	Kitchen
4282	Kitchen
4306	Kitchen
4311	Kitchen
4330	Kitchen
4347	Kitchen
4348	Kitchen
4350	Kitchen
4351	Kitchen
4377	Kitchen
4384	Kitchen
4435	Kitchen
4436	Kitchen
4471	Kitchen
4472	Kitchen

Table 5.4. Fabric codes used within analysis

Fabric Code	Subcategories (where applicable)	Fabric	Eccleshall	Sandal	Pontefract
19thC		19th-century material from post-Civil War intrusions			y
Beauvais		Beauvais			y
BGCw		Brown glazed coarseware	y	y	y
Bw		Blackware	y	y	y
Coarseware		Coarseware	y		y
Cw		Cistercian ware	y	y	y
Fabric A/B/C/D		Non-residual unidentified fabrics from Eccleshall	y		
Garden		Garden furniture from post-Civil War intrusions	y	y	
GRE	Dutch	Dutch glazed red earthenware	y		y
Gritty		Gritty ware			y
HamBw		Surrey/Hampshire borderware	y		y
Hw		Humberware			y
	Sandy	Humberware, sandy			y
	Cwk	Humberware, Cowick			y
irsw-t		Iron rich sandy ware, tableware	y		
irsw-u		Iron rich sandy ware, utilitarian ware	y		
Late Yw		Late Yellow ware			y
Mart		Martincamp		y	y
Med		Medieval fabrics, all residual	y	y	y
MP		Midlands Purple	y	y	y
MWw		Midlands Whiteware	y		
PGE		Pale glazed earthenware	y		
PMCw		Post-medieval coarseware	y		
PMSw		Post-medieval sandy ware		y	y
Porcelain		Porcelain	y		
Post-17thC		Various intrusive fabrics post-dating the Civil War	y	y	
Roman		Roman			y
RSw		Rhenish stoneware			y
	Fre	Rhenish stoneware, Frechen			y
	Lang	Rhenish stoneware, Langewehe			y
	Rae	Rhenish stoneware, Raeren			y
	West	Rhenish stoneware, Westerwald			y
Rw		Redware	y	y	y
Saggar		Saggars from post-Civil War intrusions			y

Fabric Code	Subcategories (where applicable)	Fabric	Eccleshall	Sandal	Pontefract
Saintonge		Saintonge	y		
Sandy		Sandy ware			y
Skipton		Skipton-on-Swale			y
Slip	Subcategories for fabric follow usual fabric codes (e.g. Rw, Yw)	Slipware	y	y	y
SYGa		South Yorkshire gritty ware, fabric A			y
SYGb		South Yorkshire gritty ware, fabric B			y
TGE		Tin glazed earthenware	y		y
	Dutch	Tin glazed earthenware of probable Dutch origin	y	y	
	purple mottled	Tin glazed earthenware, purple mottled glaze			y
Trans Cw/Bw		Transitional Cistercian ware/blackware		y	y
U/id		Unidentified fabrics	y		y
YGCw		Yellow glazed coarseware		y	y
Yw		Yellow ware	y	y	y

Table 5.5. Glaze colour index used within analysis

Glaze	Colour
0	Grey to light brown (Raeren)
1	Mid orange brown
2	Mid brown
3	Dark brown
4	Near Black
5	Purple
6	Light yellow to green yellow
7	Mid yellow
8	Dark yellow
9	Buff
10	Light green
11	Mid green
12	Dark green
13	Light brown
14	Bright orange red
15	Off white/cream (TGE)
16	White (porcelain)

Table 5.6. Glaze inclusions index used within analysis

Inclusions	Description
0	None
1	Slight yellow speckling
2	Moderate
3	High

Table 5.7. Glossiness index used within analysis

Glossiness	Description
0	None- very glossy
1	Slight metallic streaks
2	Mixture of gloss and metallic streaks
3	Mainly metallic, slight glossiness
4	Completely metallic

Table 5.8. List of sub-categories used for vessel glass from Eccleshall

Vessel category	Vessel Type
Distillation Equipment	Alembic
	Cucurbit
	Funnel
Drinking Vessel	Goblet
	Beaker
Food serving vessel	Bowl
	Porringer
Liquid transportation	Flask
	Kuttrolf
Liquid storage	Bottle, casement
	Bottle, hexagonal
	Bottle, oval
	Bottle, small
Small storage vessel	Albarello
	Jar
Urinal	Urinal
Other, lid	Lid

Table 5.9. Material studied from each castle

Material	Eccleshall	Sandal	Pontefract
Pottery	y	y	y
Glass	y	y	y
Metal- Fe	?	y	y
Metal- Cu alloy	y	y	y
Metal- Pb	n	n	y
Wood	y	n	y
Ivory	n	n	y
Horn	n	n	y
Faunal remains	y	y	y

(y =present and included within analysis, n= not present, ?= may be present but not studied)

6 Eccleshall

Table 6.1. Fragmentation analysis of ceramic vessels from Eccleshall

	All Areas
Total ENV	370
Total no. of sherds	1151
Total completeness of all vessels	2684
Average completeness of all vessels	7.25
Total non-residual ENV	212
Total completeness of all non-residual vessels	2504.67
Average completeness of all non-residual vessels	11.81
Number of vessels at least 5% complete	67
Total completeness of all vessels at least 5% complete	2471.33
Average completeness of all vessels at least 5% complete	36.89
Percentage of vessels more than 5% complete	31.60
Percentage of non-residual vessels	57.30
Percentage of non-residual vessels at least 5% complete	31.60

Table 6.2. Sooted vessels present at Eccleshall

ECC no.	Form	Vessel category	Period
3	Dripping Pan	Cooking Vessel	15thC
4	Lid	Other	
14	Cooking Jar	Cooking Vessel	Medieval
88	Jug	Liquid Transportation Vessel	13-14thC?
92	Jug	Liquid Transportation Vessel	14thC?
116	Pancheon	Food preparation vessel	15thC?
126	Pipkin	Cooking Vessel	
180	Tripod pipkin	Cooking Vessel	late 15th/16thC
185	Jug	Liquid Transportation Vessel	late 15th/16thC
186	Tripod cooking vessel	Cooking Vessel	17thC
195	Fuming pot	Other	late 16th/early 17th

Table 6.3. Non-local fabrics recovered from Eccleshall

ECC no	Fabric	Subgroup	Form	Period
70	TGE		U/id	17thC
180	Dutch Redware		Cooking jar	late 15th/16thC
193	TGE	Dutch	Tall drug jar	mid to late 16thC
194	TGE	Dutch	Drinking vessel	early-mid 17thC
198	Surrey/Hamps whiteware		Drinking vessel?	early-mid 16thC
199	Saintonge		Chafing dish	mid to late 16thC
200	Porcelain	Chinese	Small dish?	1600-1620
201	Porcelain	Chinese	Small dish?	1600-1620
202	Porcelain	Chinese	Small dish?	1600-1620

Table 6.4. Non-residual vessels from Eccleshall manufactured before 1600

ECC no	Form	Generalised form	Probable Period
3	Dripping pan	Cooking vessel	15thC
14	Cooking jar	Cooking vessel	Medieval
15	Jug	Liquid transportation vessel	Medieval
73	Jug	Liquid transportation vessel	16thC
74	Jug	Liquid transportation vessel	16thC
76	Pancheon	Food preparation vessel	15thC
77	Pancheon	Food preparation vessel	15thC
78	Medium sized jar	Storage jar	15thC
82	Medium sized jar	Storage jar	15thC
83	Jug	Liquid transportation vessel	13th-15thC
86	Jug	Liquid transportation vessel	13th-14thC
88	Jug	Liquid transportation vessel	13th-14thC
91	Medium sized jar	Storage jar	13thC
92	Jug	Liquid transportation vessel	14thC
95	Jug	Liquid transportation vessel	13th-14thC
96	U/ID	U/id	13th-14thC
97	Small squat jug	Liquid transportation vessel	13th-14thC
116	Pancheon	Food preparation vessel	15thC
118	Jug	Liquid transportation vessel	Medieval
122	Pancheon	Food preparation vessel	15thC
126	Pipkin	Cooking vessel	Medieval
173	Jug	Liquid transportation vessel	15/16thC
180	Tripod pipkin	Cooking vessel	Late 15th/16thC
181	Jug	Liquid transportation vessel	Late 15th/16thC-17thC
182	Jug	Liquid transportation vessel	Late 15th/16thC-17thC
183	Jug	Liquid transportation vessel	16thC
184	Skillet	Cooking vessel	16thC
185	Jug	Liquid transportation vessel	Late 15th/16thC
192	Drinking vessel	Drinking vessel	16thC
193	Tall drug jar	Small storage vessel	Mid-late 16thC
198	Drinking vessel?	Drinking vessel	Early-mid 16thC
215	Bottle/flask	Liquid transportation Vessel	15/16thC

Table 6.5. Minimum number of glass vessels (MNV) recovered from Eccleshall

Vessel category	Vessel Type	Rim count	Base count	Body count	Complete profile	MNV
Drinking vessel	Goblet	18	21	16	7	28
	Beaker	27	26	11		27
Small storage vessel	Albarello	1				1
	Jar	7	2			7
Food serving vessel	Bowl	10	10		2	12
	Porringer				1	1
Liquid transportation	Flask	11	11	1		11
	Kuttrolf	1				1
Liquid storage	Bottle, casement	3	5	1		5
	Bottle, hexagonal			1		1
	Bottle, oval	1	1			1
	Bottle, small	4			1	4[3]
Distillation equipment	Alembic				1	1
	Cucurbit	4				4
	Funnel			1		1
Urinal	Urinal	12	3			12
Other, lid	Lid		1			1
Unknown, handled vessel	Unknown, handled vessel	2				2

Table 6.6. Minimum number of glass vessels (MNV) within each vessel category at Eccleshall

Vessel category	MNV
Drinking vessel	55
Small storage vessel	8
Food serving vessel	13
Liquid transportation	12
Liquid storage	11
Distillation equipment	6
Urinal	12
Other, lid	1
Unknown (handled vessels)	2
Total	120

[3] One vessel omitted from count as it may have been the neck of hexagonal bottle.

Table 6.7. Imported glass vessels from Eccleshall

No. In Sheale (1993)	Vessel Type	Description	Origin	Date	Notes
3	Goblet	Complete profile	France	1500-1550	Painted goblet
4	Goblet	Rim, body sherd	France/Venice	1500-1550	Painted goblet
24a	Goblet	Bowl	France	1500-1550	
24b	Goblet	Base and stem	France	1500-1550	
25	Goblet	Bowl	France	1500-1600	
26	Goblet	Stem	France	1500-1600	Turquoise glass
44	Goblet	Base and stem	France	1500-1550	Goblet base
17,43,45	Goblet	Base and stem	German	1500-1600	Turquoise glass
46	Goblet	Bowl and stem	German	1500-1600	Turquoise glass
47	Beaker	Base	Netherlands/North Germany	1600-1650	Waffelbeaker
100	Beaker	Base	German	1575-1625	Cylindrical foot ring
105,106	Beaker	Base	German	1575-1625	
107	Beaker	Rim and bowl	Continental, Dutch?	1500-1625	
108	Beaker	Rim and bowl	Continental	1575-1625	Pasglas
109	Beaker	Rim and bowl	German	1500-1600	Krautstrunk beaker
110	Bowl	Bowl	Continental	1600-1650	
136	Bowl	Rim and bowl	Continental	1575-1625	
135	Bowl	Rim and bowl	Continental	1575-1625	
144	Bowl	Base	Continental	1600-1625	
149	Lid	Base	Italian	1500-1600	
299	Flask	Base and body	Continental, may be same as 302	1575-1625	
302	Kuttrolf	Rim and body	Continental	1600-1650	

Table 6.8. Minimum number of glass vessels (MNV) retrieved from other 17th-century sites
(sources: Basing, Charleston 1971; Beeston, Charleston 1993; Montgomery, Knight 1993; St. Paul-in-the-Bail, Henderson and Mann 2008; Stafford, Cocroft 2007; Baconsthorpe, Charleston 2005: 2002; West-Bromwich, Cocroft 1991-2)

	Site								
	Civil War						**Non-Civil War**		
	Basing House	Beeston Castle	Montgomery Castle	St Paul-in-the-Bail well	Stafford Castle		Nonsuch Palace	Baconsthorpe Castle	West-Bromwich Manor
Goblet	11	2	14	40	2		31	6	7
Beaker	2	6	12	13	3		13	4	4
Tankard			1						
Bottles	10	1	16				6	1	7
Flask	5	3	5	9	1		22	5	
Lid			1		2		1	1	
Jar		1	1		1		7	2	1
Bowls and dishes	3		2		3		7	1	20
Urinal	3		8		2		20	1	
Distilling Equipment			3				1		2
Liquid transportation vessel								1	

7 Sandal

Table 7.1. Condition of Sandal as reported in surveys between 1538 and 1566
(Sources: PRO E36/159: DL 44/114: DL 44/151 reproduced in Mayes and Butler 1983, 19-23)

Area	State in 1538	State in 1564	State in 1565-6
Keep	Stone missing, joists and floors of parts of building decayed	Noted as North tower. Walls fine, timber slightly decayed. Contains 'fower prison howses...in good repayre saviunge that there is a great rifte or breache in the wall'	Described as the New tower. Roof and walls in good repair. Partitions within tower all destroyed. Interior walls and timber of turrets decayed
Barbican	Two floors and roof decayed	Timber heavily decayed, walls fine. Contains deep dungeon	Floors decayed
Great hall	Cellar decayed. Floor and walls decayed	Completely decayed although walls fine and roof leaded	Decayed and floorless, roof largely decayed. One corner of wall subsiding. Buttery and pantry also decayed
Kitchen	Two chimneys and one wall decayed	Good condition	Good condition
Chapel	Decayed		
Constable's lodgings	Mentioned as 'new logyng winge', possibly includes great chamber. One room floor decayed	As with adjoining porters lodge, in good condition and inhabited by Sir John Tempest	Good condition apart from a single gutter
Great Chamber		Roof lying on the ground	
Bakehouse area	'Sufficeient...savying there is no brewing caskes, horsemilne nor horsers within the said castell'		Largely decayed, walls fine
All bridges	Decayed	Generally fine, drawbridge between barbican and bailey may have been decayed	
Wells	One fine, another disused	Well on motte in good repair	
Armaments	Two iron guns		
Gate	Missing		
Exterior walls			Decayed in four places, only three mentioned: Wall fallen outwards for 60 yards next to Constable's lodgings Part of northern wall of keep in slight disrepair. Outer wall to north of castle 'is craised in two places'

Table 7.2. Fragmentation analysis of ceramic vessels from Sandal

	All areas
Total ENV	3023
Total number of sherds	5552
Total completeness of all vessels (%)	9585.67
Average completeness of all vessels (%)	3.17
Total non-residual ENV	2028
Total completeness of all non-residual vessels	9357.33
Average completeness of all non-residual vessels	4.61
Number of vessels at least 5% complete	384
Total completeness of vessels at least 5% complete	9357.33
Average completeness of vessel at least 5% complete	24.37
Percentage of vessels at least 5% complete	12.70
Percentage of non-residual vessels	67.09
Percentage of non-residual vessels at least 5% complete	18.93

Table 7.3. Fragmentation of blackware, Cistercian and transitional drinking vessels from Sandal

Vessel fabric	Number of vessels	Percentage complete (total)	Average % complete
Blackware	84	1874.33	22.31
Cistercian ware	27	443.67	16.43
Transitional ware	11	376.33	34.21
Blackware/Cistercian ware	5	161	32.2

Table 7.4. Glass vessels present at Sandal

Vessel Description	Area code	Illustration no. in original report (Moorhouse 1983b)	Date
Cucurbit	MDX	30	16thC-1650
Cucurbit	MDX	51	16thC-1650
Cucurbit?	MDX	56	
Cylindrical bottle	MDX	54	
Dish base	BDX	78	17thC
Dish rim	Location unknown	75	17thC
Flask base	MDX	53	16thC-1650
Goblet	MDX	80	
Goblet	AD	Unillustrated, mentioned within report (Moorhouse 1983, 226)	
Small bottle	Kitchen (Area D)	61	Late 16th-17thC
Small bottle	Kitchen (Area D)	62	Late 16th-17thC
Small bottle	Kitchen (Area D)	63	Late 16th-17thC
Small bottle	Kitchen (Area D)	64	Late 16th-17thC
Small bottle	Kitchen (Area D)	65	Late 16th-17thC
Small bottle	Kitchen (Area D)	66	Late 16th-17thC
Small bottle	Kitchen (Area D)	67	Late 16th-17thC
Small bottle	Kitchen (Area D)	68	
Small bottle	Kitchen (Area D)	70	Late 16th-17thC
Small bottle	Kitchen (Area D)	72	Late 16th-17thC
Small bottle	Unknown	76	Late 16th-17thC
Small bottle	Uncertain. Listed as MSC in report, but no record of MSC. MSG exists, so may be from here. M prefix suggests originates from motte area	79	Late 16th-17thC
Small cylindrical bottle	MK	Unillustrated, mentioned within report (Moorhouse 1983, 226)	
Small cylindrical bottle	MK	Unillustrated, mentioned within report (Moorhouse 1983, 226)	
Small cylindrical bottle	MK	Unillustrated, mentioned within report (Moorhouse 1983, 226)	
Small hexagonal bottle	Kitchen (Area D)	59	Late 16th-mid 17thC
Small hexagonal bottle	Kitchen (Area D)	71	Late 16th-mid 17thC
Small jar	Kitchen (Area D)	69	Mid 16th- mid 17thC
Small square bottle	Kitchen (Area D)	60	Late 16th-17thC
Uncertain	AK	45	Medieval
Uncertain	Kitchen (Area D)	73	
Unknown	Z	77	

Table 7.5. Metal objects associated with food and drink consumption from Sandal
(sources: A. Goodall 1983; I. Goodall 1983)

Category	Vessel Form	Location	Context	Material	Fig. in report	Notes
Cooking Utensils	Cauldron/ Skillet	C	+	Cu alloy	2.97	Rim fragment
Cooking Utensils	Plate/Dish	BDH	+	Cu alloy	2.103	Rim fragment
Cooking Utensils	Strainer	B1	+	Cu alloy	2.104	
Domestic	Reused scissors	W1	Unstratified	Fe	6.92	Scissor blade reused as a knife with inclusion of wooden handle and copper collar. Date uncertain as retrieved from backfill of the Victorian excavations and may be post-Civil War
Drinking Equipment	Jug/Tankard	B1	+	Cu alloy	2.105	Handle
Eating equipment	Knife	B1	+	Fe	5.60-62	Incompletely forged
Eating equipment	Knife	B1	+	Fe	6.70	Wooden handle
Eating equipment	Knife	MF	1/2	Fe	6.72	Scale tang tip
Eating equipment	Knife	B1	+	Fe	6.73-4	Whittle tang
Eating equipment	Knife	MK	1	Fe	6.75	Whittle tang
Eating equipment	Knife	F1	+	Fe	6.76	Whittle tang
Eating equipment	Knife	C1	+	Fe	6.77-78, 6.80	Scale tang with bolster
Eating equipment	Knife	V2	+	Fe	6.79	Scale tang
Eating equipment	Knife	AA	1	Fe	6.84	Scale tang

8 Pontefract

Table 8.1. Fragmentation analysis of ceramic vessels from Pontefract

	All areas		Constable Tower	Elizabethan Chapel	Bakehouse/ Brewhouse	Kitchen	King's Tower
Total ENV	2010		1327	78	65	407	132
Total no. of sherds	3416		2423	132	90	613	156
Total completeness of all vessels	6623		5348.33	159	116	530.67	447.33
Average completeness of all vessels	3.30		4.03	2.04	1.78	1.30	3.39
Total non-residual ENV	1438		1118	32	49	152	86
Total completeness of all non-residual vessels	6191.33		5132.67	124.67	101.33	400.33	410.67
Average completeness of all non-residual vessels	4.31		4.59	3.90	2.07	2.63	4.78
Number of vessels at least 5% complete	314		261	9	4	21	18
Total completeness of all vessels at least 5% complete	4934.67		4181.33	96.67	52.33	272.33	310.33
Average completeness of all vessels at least 5% complete	15.72		16.02	10.74	13.08	12.97	17.24
Percentage of vessels more than 5% complete	15.62		19.67	11.54	6.15	5.16	13.64
Percentage of non-residual vessels	71.54		84.25	41.03	75.38	37.35	65.15
Percentage of non-residual vessels at least 5% complete	21.84		23.35	28.13	8.16	13.82	20.93

Table 8.2. Vessels with cross-matching sherds from Pontefract

Area	PONT. no	Context	No. from each context	Constable Tower phase to which assigned in report (Roberts 2002a)
Bakehouse/Brewhouse	**1026**	3061,3064	1,1	
Bakehouse/Brewhouse	**1053**	3087,3161	1,3	
Constable Tower	***2***	109,116	1,11	5A/B
Constable Tower	**4**	104,109,116,133	5,4,18,1	5A/B
Constable Tower	**15**	109,116	1,5	5A/B
Constable Tower	**26**	104,116	1,1	5A/B
Constable Tower	**55**	110,116	1,10	5A/B, 5C
Constable Tower	***56***	99,103	3,2	5A/B, 5D
Constable Tower	**58**	98,116	1,2	5A/B, 5D
Constable Tower	**63**	109,116	1,4	5A/B
Constable Tower	**70**	98,116	1,4	5A/B, 5D
Constable Tower	**84**	104,116,133	1,8,1	5A/B
Constable Tower	**85**	104,116	1,2	5A/B, 5C
Constable Tower	***326***	83,90,98,99,103	2,1,1,1,2	5A/B, 5D, 5E
Constable Tower	***327***	83,87,98	1,1,6	5E
Constable Tower	***344***	83,98	1,1	5D, 5E
Constable Tower	**355**	37,39	1,1	6
Constable Tower	**366**	36,37	1,3	6
Constable Tower	***386***	82,83,90,92	1,13,1,3	5D, 5E
Constable Tower	**417**	90,100	1,1	5D, 5E
Constable Tower	**513**	39,40	1,2	6
Constable Tower	**562**	99,103	1,1	5A/B, 5D
Constable Tower	**635**	98,113	2,1	5A/B, 5D

Area	PONT. no	Context	No. from each context	Constable Tower phase to which assigned in report (Roberts 2002a)
Constable Tower	**655**	110,115	1,1	5A/B, 5C
Constable Tower	***698***	98,209	1,8	5A/B, 5D
Constable Tower	**709**	82,83	1,2	5E
Constable Tower	**721**	90,98	2,5	5D
Constable Tower	**722**	83,90,98,99,113,114, 115	1,2,4,1,1,3,1	5A/B, 5C, 5D, 5E
Constable Tower	***723***	31,83,92,98,110,113, 115,unmarked	1,1,1,4,2,2,3,1	5A/B, 5C, 5D, 5E, 6
Constable Tower	**727**	104,116	1,3	5A/B, 5C
Constable Tower	**732**	98,99	2,5	5D
Constable Tower	***735***	83,89,90,98,99,103	4,1,3,28,4,2	5A/B, 5D, 5E
Constable Tower	**736**	36,37	1,3	6
Constable Tower	**737**	115,209	7,29	5A/B
Constable Tower	**738**	97,99,unmarked	1,7,2	5D, 5E
Constable Tower	**739**	245,246	3,1	outflow
Constable Tower	**753**	39,40	1,1	6
Constable Tower	**756**	245,246c	1,1	outflow
Constable Tower	**776**	28,36,82	2,2,1	Topsoil, 5E, 6
Constable Tower	**785**	90,98,99	6,3,2	5E
Constable Tower	***790***	28,99	4,1	Topsoil, 5D
Constable Tower	**794**	28,37	1,1	Topsoil, 6
Constable Tower	***1373***	104,116,117,133, unmarked	1,10,1,8,4	5A/B
Constable Tower	**1374**	98,108,113	8,2,1	5A/B, 5C, 5D
Constable Tower	**1375**	36,82	2,1	5E, 6
Constable Tower	**1376**	36,82	1,1	5E, 6
Constable Tower	**1377**	83,92,98	1,2,1	5D, 5E
Constable Tower	**1378**	116,133,unmarked	9,1,1	5A/B
Constable Tower	**1379**	36,39,unmarked	1,1,1	6
Constable Tower	**1380**	100,108,110,115,116	1,1,2,1,1	5A/B, 5C, 5E
Constable Tower	**1381**	99,103	7,15	5A/B, 5D
Constable Tower	**1385**	100,102,103	2,1,1	5A/B, 5E
Constable Tower	**1386**	98,110,113	2,1,1	5A/B, 5C, 5D
Constable Tower	**1387**	90,99,110	1,1,4	5C, 5D
Constable Tower	**1393**	39,40	1,5	6
Constable Tower	**1400**	98,114	2	5C, 5D
Constable Tower	***1405***	98,110,114	3,4,1	5C, 5D
Constable Tower	**1406**	104,116,unmarked	3,4,1	5A/B, 5C
Constable Tower	**1407**	37,39	1,1	6
Constable Tower	**1419**	90,98	2,7,	5D
Constable Tower	**1421**	108,110,114,115, illegible	1,2,6,1,1	5A/B, 5C
Constable Tower	**1422**	98,115	3,1	5A/B, 5D
Constable Tower	**1423**	98,114	2,1	5C, 5D
Constable Tower	**1428**	104,116,illegible	2,2,1	5A/B, 5C
Constable Tower	**1431**	100,101	2,1	5D, 5E

Area	PONT. no	Context	No. from each context	Constable Tower phase to which assigned in report (Roberts 2002a)
Constable Tower	***1434***	98,108,110,114,115	4,2,1,4,2	5 A/B, 5C, 5D
Constable Tower	**1435**	240,245	1,3	Outflow
Constable Tower	***1472***	39,82	1,1	5E, 6
Constable Tower	**1479**	99,103	1,9	5A/B, 5D
Constable Tower	**1480**	98,103,unmarked	1,10,6	5A/B, 5D
Constable Tower	**1481**	99,103	10	5A/B, 5D
Constable Tower	**1482**	99,103	10	5A/B, 5D
Constable Tower	**1486**	83,90,98,100,unmarked	2,1,1,2,1,1	5D, 5E
Constable Tower	**1500**	39,40	1,3	6
Constable Tower	**1548**	35,36,37,39,40	1,3,7,1,6	6
Constable Tower	**1549**	37,40	4,1	6
Constable Tower	**1553**	36,37	1	6
Constable Tower	**1554**	39,40	1	6
Constable Tower/ Kings Tower	**407**	83, 150	1,1	5E, n/a
Elizabethan Chapel	**1308**	16,42	8,1	
Elizabethan Chapel	**1309**	16,118	2,1	
Elizabethan Chapel	**1347**	266,271	2	
Elizabethan Chapel	**1355**	226,269	1,2	
Kitchen	**1162**	4093,4233	2	
Kitchen	**1163**	4093,4233	5	
Kitchen	***1190***	4435,4471	1,5	
Kitchen	**1243**	4435,4471	1,1	
Kitchen	**1542**	4076,4261	6,1	

Table 8.3. Occupation phases and contexts used within original analysis of the Constable Tower, Pontefract
(source: Roberts 2002d, 108-111)

Phase 5A/B	Phase 5C	Phase 5D	Phase 5E	Phase 6	Topsoil	Uncertain
209	108/110	90	82	31	28	117
113	104/114	98	83	36/40		
115		99	81	39		
116		101	84	37		
105/109			85	35		
106			100			
103			97			
133			96			
			94			
			92			
			91			
			89			
			102			

Table 8.4. Fragmentation analysis of ceramic vessels from reassessed phases of the Constable Tower, Pontefract

	Constable Tower		Constable Tower-Immediate	Constable Tower-Consequential	Constable Tower-Mixed	Constable Tower-Unclassified
Total ENV	1327		720	541	4	62
Total no. of sherds	1464		914	478	18	54
Total completeness of all vessels	5348.33		3059.33	2104	69.33	115.67
Average completeness of all vessels	4.03		4.25	3.89	17.33	1.87
Total non-residual ENV	1118		603	469	4	42
Total completeness of all non-residual vessels	5132.67		2939.33	2026.33	69.33	97.67
Average completeness of all non-residual vessels	4.59		4.87	4.32	17.33	2.33
Number of vessels at least 5% complete	261		125	124	4	8
Total completeness of all vessels at least 5% complete	4181.33		2479	1576	69.33	57
Average completeness of all vessels at least 5% complete	16.02		19.83	12.71	17.33	7.13
Percentage of vessels more than 5% complete	19.67		17.36	22.92	100	12.90
Percentage of non-residual vessels	84.25		83.75	86.69	100	67.74
Percentage of non-residual vessels at least 5% complete	23.35		20.739	26.44	100	19.05

Table 8.5. Fragmentation of blackware, Cistercian and transitional ceramic vessels from Pontefract

Vessel type	Number	Total percentage complete	Average completeness
Bw	55	1054	19.16363636
Cw	10	153.3333333	15.33333333
Trans Cw/Bw	7	187	26.71428571
Bw/Cw	5	52.33333333	10.46666667

Table 8.6. Origin of blackware, Cistercian and transitional drinking vessels from Pontefract

Vessel type	Constable Tower	King's Tower	Elizabethan Chapel	Kitchen	Bakehouse/Brewhouse
Bw	46	5	0	3	1
Cw	7	2	0	0	1
Transitional Cw/Bw	6	0	1	0	0
Bw/Cw	5	0	0	0	0

Table 8.7. Vessels at least 5% complete and sooted before breakage from Pontefract

Location	RCMA no.	Context	% complete	Generalised category
Constable Tower- primary fill	**14**	116	5	Cooking vessel
Constable Tower- primary fill	**57**	116	66.67	Drinking vessel
Constable Tower- primary fill	**66**	116	18.33	Cooking vessel
Constable Tower- primary fill	**83**	116	38.33	Cooking vessel
Constable Tower- primary fill	**84**	104,116,133	20	Cooking vessel
Constable Tower- primary fill	**97**	116	20	Cooking vessel
Constable Tower- secondary fill	**234**	36	14	Food preparation vessel
Constable Tower- primary fill	**292**	98	23.33	Drinking vessel
Constable Tower- primary fill	**310**	98	17.33	Drinking vessel
Constable Tower- primary fill	***327***	83,87,98	14.33	Food preparation vessel
Constable Tower- primary fill	**328**	98	7.33	Food preparation vessel
Constable Tower- secondary fill	**366**	36,37	6.67	Food preparation vessel
Constable Tower- primary fill	**761**	98	25	Drinking vessel
Constable Tower- secondary fill	**891**	28	6.67	U/id- fineware
Constable Tower- primary fill	***1434***	98,108,110,114, 115	60	Food preparation vessel
Constable Tower- primary fill	**1486**	83,90,98,100,un marked	26	Drinking vessel
Constable Tower- primary fill	**1518**	83	5	Drinking vessel
Elizabethan Chapel	**1307**	16	16.67	Cooking vessel

Table 8.8. Outmoded vessels at least 5% complete, excluding Cistercian and transitional wares, from the Constable Tower, Pontefract

PONT no.	Context	Fabric	Form	Date
80	116	Hw- Cwk	Drinking vessel (lobed cup)	14th-16th century
83	116	Hw- Sandy	Cooking jar	14th-16th century
84	104,116, 133	Grittyware	Cooking jar	Late 14th-16th century
93	116	Hw type	U/id	14th-16th century
97	116	Gritty ware	Cooking jar??	Late 14th-16th century
98	116	SYGa	Heavy duty storage vessel	14th-16th century
100	116	SYGa	Jug	14th-16th century
102	116	SYGb	U/id	13th-14th century
170	82	SYGb	U/id	13th-14th century
285	36	Skipton-on-Swale	U/id	14th-15th century
381	37	Beauvais	Costrel	c.16th century
410	83	SYGb	U/id	13th-14th century
506	31	BSw	Jug	Medieval
676	133	Hw- Sandy	U/id	14th-16th century
677	133	Hw- Sandy	U/id	14th-16th century
678	133	Hw- Sandy	U/id	14th-16th century
1373	104,116,117, 133,unmarked	SYGa	Jug	14th-16th century
1385	100,102, 103	Hw- Late	Jug	16th century

Table 8.9. Vessels at least 5% complete with Wrenthorpe fingermarks from Pontefract

RCMA no.	Area	Context	Form	Generalised category
4	Constable Tower	104,109,116,133	Fine handled jar	Fine storage vessel
56	Constable Tower	99,103	Wide mouthed cup	Drinking vessel
732	Constable Tower	98,99	Drinking vessel	Drinking vessel
833	Constable Tower	28	Small drinking vessel	Drinking vessel
1377	Constable Tower	83,92,98	U/id	U/id
1479	Constable Tower	99,103	Wide mouthed cup	Drinking vessel
1340	Elizabethan Chapel	208	Drinking vessel	Drinking vessel
1180	Kitchen	4471	Tall cup	Drinking vessel

Table 8.10. Non-local vessels at least 5% complete at Pontefract

PONT no.	Area	Context	Fabric
14	Constable Tower	116	GRE, Dutch
77	Constable Tower	116	RSw, Rae
166	Constable Tower	82	RSw, Fre
167	Constable Tower	82	RSw, Fre
275	Constable Tower	36	RSw, Fre
379	Constable Tower	37	TGE, Dutch
554	Constable Tower	100	TGE
722	Constable Tower	83,90,98,99,113,114,115	RSw, Rae
723	Constable Tower	31,83,92,98,110,113,115,unmarked	TGE, Dutch
733	Constable Tower	36	RSw, West
778	Constable Tower	38	RSw
780	Constable Tower	39	RSw
785	Constable Tower	90,98,99	RSw, Fre
793	Constable Tower	90	RSw, Rae
794	Constable Tower	28,37	RSw, Rae
880	Constable Tower	28	TGE
882	Constable Tower	28	TGE
1407	Constable Tower	37,39	RSw, Fre
1480	Constable Tower	98,103,unmarked	TGE, manganese mottled
1481	Constable Tower	99,103	TGE, manganese mottled
1482	Constable Tower	99,103	TGE, manganese mottled
1570	Constable Tower	37	TGE

PONT no.	Area	Context	Fabric
407	Constable Tower/ King's Tower	83,150	RSw, Fre
1571	Elizabethan Chapel	161	TGE
1132	Kitchen	4010	TGE
1203	Kitchen	4435	TGE
1243	Kitchen	4435,4471	TGE
1483	Kitchen	4377	RSw, Rae

Table 8.11. Vessels at least 5% complete from the Kitchen, Pontefract

PONT no.	Context	% complete	Generalised category
1074	4040	8.33	Heavy duty storage vessel
1112	4258	5.33	Heavy duty storage vessel
1131	4010	6.67	Liquid transportation
1132	4010	6.67	Unclassified
1139	4072	7.33	Heavy duty storage vessel
1151	4072	19	Food serving vessel
1180	4471	6.67	Drinking vessel
1189	4471	85	Fine storage vessel
1191	4435	5	U/id
1192	4435	18.33	Drinking vessel
1203	4435	8.33	U/id
1206	4435	5	U/id
1212	4436	5	Drinking vessel
1213	4436	16.67	U/id
1229	4436	5.67	Food serving vessel
1243	4435,4471	20	U/id
1287	4347	11.67	Heavy duty storage vessel
1290	4351	6.67	U/id
1450	4076,4261	6.67	Liquid transportation
1483	4377	8.33	Liquid transportation
1564	4072	10	Heavy duty storage vessel

Table 8.12. Identified non-residual vessels from the Elizabethan Chapel, Pontefract

PONT no.	Context	Location	% complete	Form	Generalised form
1307	16	Grave fill	16.67	Tripod pipkin	Cooking vessel
1308	16,42	Grave fill, layer	10.67	Jug	Liquid transportation
1318	42	Layer	1.67	Bowl/pancheon	Food preparation vessel
1340	208	Grave fill	5	Drinking vessel	Drinking vessel
1344	208	Grave fill	2	Bowl/pancheon	Food preparation vessel
1350	269	Countermine shaft	1.67	Bowl/pancheon	Food preparation vessel
1351	269	Countermine shaft	1.33	Bowl/pancheon	Food preparation vessel
1353	269	Countermine shaft	7.67	Jug	Liquid transportation
1359	271	Countermine shaft	1.67	Bowl/pancheon	Food preparation vessel
1361	271	Countermine shaft	6.67	Bowl/pancheon	Food preparation vessel
1571	161	Foundation trench	30	Small storage vessel	Small storage vessel

Table 8.13. Identified non-residual vessels from the Bakehouse/Brewhouse, Pontefract

PONT no.	Context	Location	% complete	Form	Generalised category
1022	3061	Layer	1	Drinking vessel	Drinking vessel
1033	3064	Layer	9	Bowl/pancheon	Food preparation vessel
1047	3065	Layer	1	Handled storage vessel	Heavy duty storage vessel
1050	3065	Layer	2.33	Bowl	Food preparation vessel
1052	3161	Layer	33.33	Tyg	Drinking vessel
1053	3087,3161	Countermine shaft, layer	1.67	Cistern	Heavy duty storage vessel
1056	3161	Layer	5	Medium sized jar	Heavy duty storage vessel
1058	3168	Foundation trench	5	Drinking vessel	Drinking vessel
1067	3025	Unknown	4	Fine jar	Fine storage vessel

Table 8.14. Glass vessels from Civil War contexts at Pontefract

Area	Form	Element represented	Context	No. In report (Ratkai 2002)	Notes
Constable Tower	Case bottle	Rim-shoulder	99	6	Forest glass
Constable Tower	Goblet	Base	116	7	Forest glass
Constable Tower	Goblet	Stem	116	8	Forest glass
Constable Tower	Goblet	Base	116	9	Forest glass
Constable Tower	Urinal	Rim	116	10	Forest glass
Constable Tower	Urinal	Rim	116	11	Forest glass
Constable Tower	Flask	Vase	116	12	Forest glass
Constable Tower	Goblet	Body	116	14	Façon de Venis
Constable Tower	Goblet	Body	116	15	Façon de Venis, lattice decoration
Constable Tower	Case bottle	Body	209	16	Forest glass
Elizabethan Chapel	Case bottle	Rim	118	17	Forest glass
Elizabethan Chapel	Case bottle	Rim	269	18	Forest glass
Elizabethan Chapel	Beaker	Rim	269	19	Forest glass
Kitchen	Handle		4106	20	Forest glass, probably a tankard handle
Kitchen	Flask	Base	4436	22	Forest glass
Kitchen	Beaker	Rim and body sherds	4471	23	Forest glass

Table 8.15. Metal, bone and wooden artefacts associated with food and drink at Pontefract
(compiled from Duncan 2002, Morris 2002 and O'Connor & Duncan 2002)

Material	Form	Report	No.in report	Area	Context	Notes
Pb	Spoon	Duncan 2002, 257	39	Constable Tower	209	
Pb	Spoon	Duncan 2002, 257	40	Constable Tower	83	Crudely made
Pb	Spoon	Duncan 2002, 257	41	Constable Tower	98	Crudely made, top formed by folding
Pb	Spoon	Duncan 2002, 257	42	Constable Tower	114	Stem made by folding, crude
Pb	Spoon	Duncan 2002, 257	43	Elizabethan Chapel	271	Cross incised on both sides of bowl
Pb	Plate/bowl	Duncan 2002, 257	45	Elizabethan Chapel	269	565mm rim circumference
Pb	Plate/bowl	Duncan 2002, 257	46	Constable Tower	209	680mm rim circumference
Cu alloy	Cauldron/ skillet	Duncan 2002, 257	47	Constable Tower	116	250mm diameter
Fe	Knife	Duncan 2002, 265	76	Constable Tower	90	Copper wire inlaid decoration
Fe and wood	Knife	Duncan 2002, 265	77	Constable Tower	99	Possibly silver wire inlaid decoration
Fe and ivory	Knife	Duncan 2002, 265	78	Constable Tower	116	Silver wire overlaid decoration
Fe and bone	Knife	Duncan 2002, 265	79	Constable Tower	98	
Fe and bone	Knife	Duncan 2002, 265	80	Constable Tower	116	Broken
Fe and bone	Knife	Duncan 2002, 265	81	Constable Tower	97	Handle decorated with twelve copper alloy rivets
Fe and wood	Knife	Duncan 2002, 265	83	Constable Tower	133	
Wood	Knife handle	Morris 2002, 322	6	Constable Tower	99	
Wood	Knife handle	Morris 2002, 322	7	Constable Tower	133	
Ivory	Knife handle	O'Connor and Duncan 2002	12	Constable Tower	103	
Bone	Knife handle	O'Connor and Duncan 2002	16	Constable Tower	114	
Horn	Knife handle	O'Connor and Duncan 2002	21	Constable Tower	116	
Bone	Knife handle	O'Connor and Duncan 2002	22	Constable Tower	209	
Wood	Bung	Morris 2002, 322	1	Constable Tower	99	

Appendices

Note: Appendices 2, 3 and 4 can be found on the CD accompanying this volume

Appendix 1. Published excavations of castles besieged during the English Civil War

Castle	Level of Investigation	Published Excavations
Aberystwyth	Low	Hughes 1904; Burnham 1992
Aberlleiniog	Low	No published report, but recently excavated.
Banbury	Medium	Rodwell 1976; Fasham 1973; 1983
Basing	High	Moorhouse 1970; Moorhouse 1971a; Allen and Anderson 1999
Beeston	High	Ellis 1993a
Berkeley	Low	Berkeley 1939; currently being excavated by the University of Bristol
Bolingbroke	Low	Drewett 1973
Bolsover	Low	Guilbert 1999; Sheppard 2003; 2004
Bristol	Medium	Williams 1992; Good 1996; Cox 1997
Caerphilly	Low	Spurgeon and Thomas 2001
Cambridge	Low	Malim and Taylor 1992; Cessford and Dickens 2005; Cessford 2008
Cardigan	Low	O' Mahoney 1985
Carmarthen	Low	James 1991; Ludlow 2003
Cawood	Low	Brinklow 1986
Chepstow	Low	Shoesmith 1991
Colchester	Low	Bacon 1973; Partridge 1993
Corfe	Medium	Chambers 1950; RCHME 1960; Draper 1997; Grace and Papworth 1997
Dudley	High	Boland 1984; 1985; Ratkai 1985; 1987; Gaimster *et al.* 1996; Thomas 2005
Eccleshall	High	Sheale 1993
Farnham	Medium	Hope-Taylor 1959; Thompson 1960; Moorhouse 1971b
Flint	Low	Hannaford 1988
Goodrich	Low	Shoesmith 1986; Anon 1987
Helmsley	Low	Wilson 1989
Knaresborough	Low	Barber 1931; Le Patourel 1967
Lathom House	Low	Lewis 1999
Laugharne	Low	Avent 1977
Liverpool	Low	Larkin 1929
Montgomery	High	Lewis 1968; Knight 1982; 1992; 1993; 1994
Newark	Medium	Barley and Waters 1956; RCHM 1964; Courtney 1973; Drage 1987; Kinsley 1988; Holyoak 1997; Samuels 1998; Jennings 2003
Newcastle Emlyn	Low	Parry 1987
Newcastle upon Tyne	Medium	Harbottle 1966; Harbottle and Ellison 1981; Ellison and Harbottle 1983; Nolan 1990; 1993
Nottingham	Medium	Kinsley 2004; Drage 1978; 1981
Pontefract	High	Maclean and Starley 1999; Roberts 2002a
Powis	Low	Arnold 1990
Raglan	Low	Kenyon 1982a; 1982b
Sandal	High	Walker 1895; Mayes and Butler 1983
Scarborough	Low	Pacitto 2004
Stafford	Low	Soden 2007

Castle	Level of Investigation	Published Excavations
Swansea	Low	Knight 1970
Tamworth	Low	McNeill 1989
Taunton	Low	Radford and Hallam 1953; Hallam 1964; Minnitt 1981; Leach 1984; Burrow and Dennison 1988
Wallingford	Low	Brooks 1966; Christie *et al. 2003*
Wareham	Low	Hinton and Hodges 1980
Winchester	Low	Biddle 1966
Woodhall	Medium	Varley 1975

Appendix 5. Bag numbers and associated trenches from Eccleshall (source: Eccleshall Archive unpublished)

Bag number	Trench	Depth	Description
2	Latrine	0	Latrine shaft extension, NE Tower
3	C	0-20	Topsoil
4	C	20-30	Topsoil/Rubble
5	C	30-40	Rubble
6	C	40-67	Rubble
7	NE Tower	0	Brick rubble
9	NE Tower	0	Rubble
10	Porch	0	Accumulated debris
12	B (Moat)	30-60	Rubble, layer 2
14	D	60-77	Rubble with large worked stones
17	Spoil	0	Casual finds, spoil heap
18	C	70-85	Rubble, layer 5
19	C	85-95	Rubble, layer 6
21	D	77-92	Rubble with large worked stones mingled with black earth
22	C/Wall	0-20	Topsoil/rubble layer 1
24	C/Wall	40-60	Rubble, layer 3
27	C/D	71	Rubble
28	C/D	50-70	Rubble
30	E	70-90	Rubble, layer 5, Summer School
31	D	105-125	Black earth
32	D	120-132	Black earth
33	NE Tower		Unstratified
35	C/E	20-32	Rubble with large worked stones
36	C/E	32-45	Rubble
37	C/E	45-70	Rubble with large stones
38	NW Tower	0	Layer 1, Summer School
39	C/D	90	Rubble/Black earth
40	C/D	90	Rubble/Black earth
41	E	90-95	Brown/black earth below rubble
42	D	0-20	Topsoil, layer 1
43	D	100-110	Black earth
44	D	90-100	Black silt
45	NE Tower	0	Tower and Porch, upper earth
46	B (Moat)	60-90	Rubble
47	C/D	0-50	Topsoil/Rubble
48	C/D	50-90	Rubble to rubble/silt boundary
49	C/D	80-90	Rubble to rubble/silt boundary
51	C/D	55-80	Rubble
55	C/E	80-90	Rubble/Stone layer just above black earth
56	C/E	90-105	Black silt below rubble
57	C/E+E	110	Black Earth
58	E	105-110	Black earth below rubble
59	B (Moat)	85-98	Boundary between black earth and natural
65	Spoil		Spoil heap
67	C	100-110	Black earth, layer 7
72	B (Moat)	80-100	Rubble and earth above silt
73	B (Moat)	10-45	Soil/Rubble behind rubble wall
74	B (Moat)	70-77	Upper 7cm of rubble wall
76	D	80-90	Rubble, just above earth
81	NW Tower	0	Layer 3, Summer School
82	D	100-110	Black Earth
88	B (Moat)	90	Brown/black earth
100	F	25-50	Rubble

101	G	15-35	Topsoil
103	Spoil		Spoil heap
104	?	?	Unrecorded
105	C/D/E	90-105	Silt/Rubble
107	F	25-40	Rubble
108	F	40-50	Rubble
109	H	0-10	Topsoil
110	F	0-25	Topsoil/Rubble
111	G	0-15	Topsoil
115	H	20-40	Layer 2
116	H	20-40	Layer 2
117	C/D/E	120-130	Silt
121	H	5-10	Topsoil
122	C/F	25-30	Rubble
123	C/F	30-45	Rubble
124	H	20-40	Layer 2
125	C/D/E	90-105	Rubble/Black earth
126	H	0-20	Topsoil
127	F	60-70	Rubble
129	F+F/C	80-100	Rubble
130	J	60-75	Sandy rubble with very large worked and unworked stones
131	F+F/C	95-105	Black earth and silt
132	F+F/C	65-77	Rubble
133	C/F	105-120	Silt
134	J	75-90	Rather sticky sandy/earthy rubble with much large worked stone
135	J	90-115	Black silt
136	J	75-90	Silt/Rubble boundary
137	J	60-75	Rubble
138	J	110-125	Black silt
139	K (A+B)	40-65	Rubble
140	K	60-75	Silty rubble
141	K (C)	25-40	Rubble beneath gravel path
143	K (B)	65-75	Silty Rubble below sandy rubble
144	K (B+C)	40-55	Rubble above silty layer
145	K (A)	45-55	Rubble with sandy lenses
146	K	40-65	Rubble with sand and moderately sized stones
147	K (C)	45	On layer of earth between rubble
148	K (C)	65	Rubble
149	K (B)	80-90	Silty, sandy rubble, with few large stones
150	K		Unstratified
152	K (C)	45-60	Rubble with packed stone/silty, sandy rubble
153	K (C)	60-70	Sandy rubble with some silt and charcoal
154	K (C)	70-85	Silty rubble with stones and charcoal above silty earth layer
157	J	125-135	Black silt and earth
159	J	115-125	Black silt, just above natural, near the wall
161	K (A+B)	60-75	Rubble, with some large stones and moderate silt
163	L	20-35	Lower half of topsoil above rubble
166	K	65-90	Rubble tumble from side of trench
167	L	15-30	Topsoil
168	L	50-65	Rubble with some earth and large stones
169	K (A+B)	80-90	Silty earth, especially near the wall, with little rubble
174	K (C)	85-95	Rubble with stones and charcoal over black silt
175	K (B)	90-100	Silty rubble above black earth
176	K (C)	73-85	Sandy, silty rubble with stones, charcoal and patches of clay
177	L	45-80	Rubble with large amounts heavy stone and lenses of silt and earth
178	K (A)	90-100	Black silt, with sandy silt, near the wall
185	L	80	Rubble/earth boundary near the wall

186	K (C)	95-100	Black earth just below rubble layer
187	L	80-90	Silty earth below the rubble, near the wall
188	L	60-80	Rubble above earth layer, 80cm away from the wall
189	K (C)	95-100	Black earth just below rubble layer
190	J		Unstratified
194	K (A)	95-100	Black earth with silt near wall
196	L	80-100	Silty earth resting on dark earth at c.1m
197	M	55	On layer of earth between rubble
201	J	60	Rubble, just above silt
207	M	80-85	Earth/ash layer between rubble
208	K (C)	105-110	Black earth
209	L	100-110	Black earth level with foundation course
210	M	90-95	Rubble layer resting on bottom black earth layer
212	K (C)	110	Black mud and earth
213	C/F	105-125	In silt
214	Spoil		Unstratified
215	C/F	60	Rubble
216	C/F	50-60	Earth and rubble with heavy stones
218	H	40-95	Layer 2
221	K (A)	45-55	Rubble with some stones
222	J	25-60	Rubble with heavy worked stones
223	C/F	105-120	Black silt above sand
224	K (A)	60-65	Silt/Rubble
229	M	90-100	Rubble on silt
230	M	65-75	Rubble on earth-with-charcoal layer
231	Spoil		Unstratified
238	H	50-90	Sandy rubble with stones, layer 2 to 90cm
241	C/F	25-50	Earth rubble and stone
253	C+C/E+E		Tumble, clearing trench sides after the winter
283	?		Unrecorded
302	M	100-110	Black mud and rubble during clean-up after Winter
303	K (B)	110	Top of black earth below rubble
304	M	100-110	Black earth below rubble
305	K (C)	110-120	Black earth and mud
308	K (D)	50	Layer 6, soil\charcoal (possible pit or depression at SW corner)
309	K (D)	30-35	Layer 2, sand/rubble below topsoil
310	O	60-65	Upper soil/charcoal layer and sandy rubble to second soil/charcoal layer
311	O	50-65	Rubble on upper soil/charcoal layer
313	K (D)	35-45	Layer 3, soil/charcoal
315	O	65-75	Rubble below second soil/charcoal layer
316	O	65-75	Rubble between second soil/charcoal layer and red clay
317	O	65-75	Rubble between second soil/charcoal layer and red clay
319	O	65-75	Rubble below second soil/charcoal layer
322	N	0-30	Topsoil
323	K (A+B)	120-130	Black earth above natural
327	K (D)	0	Topsoil
328	O	35-75	Layer 2, packed rubble and red sand
330	L		Unstratified
334	L	120-130	Black earth near natural
337	N	0	Layer 2, near brick wall in area of possible wall trenches
338	K (C) and M	110-135	Black earth
339	Spoil		Spoil heap
340	K (D)	60-85	Yellow silt above black earth
341	K (D)	100-110	Black earth layer
342	M	30-80	Rubble, cleaning west face
343	K (D)		Rubble, cleaning west face
348	K (D)	70-95	Below large stone, 3 or 4 layers above silt
350	K (D)	70-85	Layer 8, soil/charcoal

351	K (D)	70-75	Layer 10, sandy rubble above yellow silt and clay
353	K (D)	40-50	Layer 6, soil/charcoal
354	K (D)	70-100	Yellow silt above black earth
355	K (D)	45-65	Layer 7, sand/rubble
359	K (D)	105	On wall ledge, in black earth
363	L	110-122	Black earth above natural
365	K (D)	50	Layer 5, soil/charcoal
367	K (D)	75-90	Layer 10, rubble above yellow silt
368	K (D)	75-90	Layer 10, rubble above yellow silt
374	K (D)	135	Brown earth
375	O	35-50	Rubble, layer 2
376	K (D)	45-50	Layer 5, soil/charcoal, (layer 6 on section)
382	O	0-45	Topsoil
384	K (D)	40-60	Layer 4, rubble
387	K (D)	70-100	Yellow silt above black earth
389	K (D)	70-100	Layer 10, sandy rubble above yellow silt and clay
391	M	100-140	Black earth
401	O	100	On dark silt crushed beneath large rectangular stone
402	O	75-95	Rubble above silt with lenses of yellow silt, sandy soil and plaster
403	O	75	Surface finds on resuming after break since 1975 (found 1977)
404	NE Tower	0	Rubble above brick floor
405	O	90-100	Rubble above silt
407	O	120-140	In silt below rubble, mainly from surface of natural
408	O	100-120	Silt
410	O	120-140	On natural below silt, trapped beneath guttering stone
411	NE Tower	0	Rubble and topsoil
413	N	45-60	Sandy rubble with stones above large rubble layer
414	N	0	In silt at base
416	P	50-70	In rubble above silt
418	P	30-50	Rubble below topsoil
420	P	40-60	Soil/Rubble
430	N	30-60	Surface rubble and flower bed
431	N	20-50	Rubble and soil
503	?		Unrecorded
504	NE Tower	110-120	On rough brick floor just above natural
604	K (D)	125-130	Yellow-brown earth above bottom layer of packed stone and gravel
611	K (D)	115-120	Black/brown earth with yellow clay patches and some silt
612	K (D)	110-120	Brown earth, with some silt lenses, by drain exit
614	?		Unrecorded

Appendix 6. Fabric descriptions for ceramics from Eccleshall

Fabric	Subgroup	Description
BGCw	1	Very hard, mid brown fabric with red, oxidised outer surface. Contains moderate quartz grit inclusions up to 0.5mm diameter, rare off white platey inclusions up to 1.2mm diameter and very rare rounded red, black and white grit up to 2.3mm diameter
BGCw	2	Hard, buff pink fabric with frequent rounded black and red grit up to 2.0mm diameter and occasional crystalline quartz inclusions up to 0.5mm diameter
BGCw	3	Very light, yellow fabric with moderate rounded red grit and occasional black grit up to 0.5mm diameter. Also contains rare rounded off-white rock inclusions up to 1.0mm diameter
BGCw	4	Hard, fine buff to mid orange red fabric with rare to moderate rounded white and black inclusions up to 0.2mm in size
BGCw	5	Hard, fine buff fabric with moderate to abundant rounded black and red inclusions up to 0.5mm diameter and occasional crystalline quartz inclusions up to 0.5mm diameter
BGCw	6	Very hard, semi vitrified brick red to purple fabric with moderate rounded crystalline quartz up to 0.4mm in diameter and rare rounded white inclusions up to 1mm diameter
BGCw	7	Light buff fabric with frequent rounded black and red inclusions up to 0.7mm diameter and moderate rounded non-crystalline quartz inclusions up to 0.5mm diameter
BGCw	8	Light buff fabric with frequent rounded crystalline quartz up to 0.5mm diameter and occasional rounded white, red and black inclusions up to 0.5mm diameter
BGCw	9	Hard, buff fabric with moderate rounded white inclusions and crystalline quartz up to 1.5mm diameter and rare rounded red inclusions up to 0.7mm diameter
BGCw	10	Hard, buff fabric with moderate rounded white inclusions up to 0.9mm diameter and rare rounded red inclusions up to 1.5mm diameter, but usually less than 0.5mm
BGCw	11	Very hard, dark red fabric with frequent crystalline quartz up to 0.7mm diameter and moderate rounded white inclusions up to 1.0mm. Also contains rare rounded black inclusions up to 0.7mm diameter
BGCw	12	Hard, buff pink fabric with occasional quartz grit and rounded red inclusions up to 0.7mm diameter but usually less than 0.5mm
Bw	1	Hard, homogenous, dark grey fabric with micaceous inclusions less than 0.2mm diameter
Bw	2	Hard, homogenous, dark red fabric with very rare rounded red inclusions and rounded grit up to 0.5mm diameter
Bw	3	Hard, brick red fabric with moderate sub-rounded crystalline and non-crystalline quartz as well as sub-rounded voids up to 0.5mm diameter
Bw	4	Hard, dark red to brick red fabric with occasional rounded black (iron ore?) inclusions up to 0.3mm diameter and rounded white inclusions up to 0.2mm diameter
Coarseware		Unglazed fabric classified using BGCw subgroups
MP	1	Dark grey, semi-vitrified fabric with occasional crystalline quartz up to 0.5mm diameter and occasional rounded red and white grit up to 0.5mm diameter
PGE		Light, buff pink fabric with moderate rounded non-crystalline quartz up to 0.3mm diameter
PMCw	1	Fine, homogenous, light buff pink fabric with moderate rounded crystalline quartz and red grit up to 0.3mm diameter. Very similar to BGCw 2, but unglazed
Rw	1	Fine, homogenous, light buff pink fabric with occasional red and black rounded grit up to 0.3mm diameter
Saintonge		Fine off-white fabric with very few inclusions (Hurst 1974, 224). Vessel is covered with a yellow brown glaze with blue glaze over an applied medallion of a human figure
Slip		White fabric with occasional rounded red clay inclusions. Brown glaze with no slip
TGE	1	Buff fabric with moderate sub-rounded crystalline quartz up to 0.3mm diameter, occasional rounded dark red inclusions up to 0.3mm diameter and rare rounded white grit up to 0.5mm diameter
Yw	1	Hard, off-white fabric with moderate sub-angular white inclusions up to 1.0mm diameter and rare sub-rounded red inclusions up to 1.0mm diameter

Fabric	Subgroup	Description
Yw	2	Moderately soft white fabric with moderate rounded red and black inclusions up to 0.5mm diameter
Yw	3	Hard buff, homogenous fabric with moderately frequent rounded non-crystalline quartz and dark grey grit up to 0.7mm diameter. Also contains rounded light brown and white grit up to 0.5mm diameter

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Fabric	Subgroup	Description
Fabric	A	Fine buff pink fabric, reduced at core with frequent subrounded crystalline quartz up to 0.7mm diameter and occasional subrounded black inclusions
Fabric	B	Buff pink fabric with moderate rounded crystalline quartz and rounded red and black inclusions up to 0.7mm diameter
Fabric	C	Buff fabric with frequent rounded crystalline quartz up to 0.5mm diameter and with rare rounded red inclusions up to 0.5mm diameter
Fabric	D	Extremely soft and very fine reduced fabric with light buff to grey exterior
Irsw-t		Same description as irsw-u, but vessels are covered with green glaze (Ford 1995, 32)
Irsw-u		Unglazed, oxidised fabric, occasionally with a reduced core. Moderate to frequent crystalline quartz inclusions up to 1mm diameter and occasional iron ore inclusions up to 0.7mm diameter (Ford 1995, 32)
LMOw		Oxidised, red orange to pink fabric with frequent crystalline quartz up to 0.7mm diameter and occasional iron ore inclusions up to 0.5mm diameter (Ford 1995, 35)
MWw		Off-white to buff pink fabric with moderate crystalline quartz and occasional iron ore inclusions (Ford 1995, 33)
HamBw		Distinctive fine, hard white fabric with micaceous inclusions. Described in depth by Pearce (2007)

Appendix 7. Fabric descriptions for ceramics from Sandal and Pontefract

Fabric	Subgroup	Description	Fabric type in original Pontefract report (Cumberpatch 2002)
BGCw	1	Fine, orange red fabric with occasional white and rare dark grit inclusions. Fabric has occasional streaks of white clay and in some instances (e.g. PONT 821 and 822) is so fine that it overlaps with Bw2	BGCw 7
BGCw	2	Hard, fine orange red fabric with rare, red platey inclusions. Glaze can have frequent yellow inclusions	BGCw 2
BGCw	3	Hard, pink red fabric with occasional white grit and moderate very small red grit inclusions. Glaze contains yellow flecking	BGCw 3
BGCw	4	Fine, pink red fabric with moderate off-white clay smears. Rare white non-crystalline inclusions up to 0.5mm in diameter and very rare subrounded red grit inclusions up to 1.6mm in diameter	BGCW 5
BGCw	5	Hard, pink red fabric with moderate angular white grit inclusions up to 1.2mm diameter, crystalline quartz up to 0.5mm diameter and rare black grit inclusions up to 0.5mm diameter	BGCw 6
BGCw	6	Hard, dusky pink fabric with frequent crystalline quartz and rounded brown grit up to 0.5mm in diameter. Also contains rare rounded white clay inclusions up to 1.2mm diameter	BGCw9
BGCw	7	Hard, fine homogenous pink red fabric with rare white streaks. Also contains rare rounded white clay and black grit inclusions up to 0.4mm diameter	BGCw10
BGCw	8	Very hard, buff pink to orange red sandy fabric with frequent white clay streaking. Also contains frequent crystalline quartz up to 0.5mm diameter and occasional subangular red grit up to 4.0mm in diameter, but more usually 1.2mm diameter	BGCw1
BGCw	9	Moderately soft, largely homogenous buff pink fabric with small white clay swirls and streaks up to 0.2mm in length	BGCw11
BGCw	10	Hard, dusky pink fabric with occasional small white inclusions up to 0.5mm in diameter and occasional very fine white bands of clay	BGCw 8
BGCw	11	Hard, fine brick red fabric with moderate rounded red and black rock inclusions up to 0.7mm and occasional rounded white inclusions up to 1.5mm diameter	BGCw 13
BGCw	12	Hard, orange pink fabric with white clay streaks. Also contains moderately frequent white quartz grit, rounded black grit and black cindery inclusions all up to 0.5mm in size	BGCw 4
BGCw	13	Same fabric as Bw1, but increased inclusions and significantly thicker than most blackware vessels	-
Bw	1	Hard, very fine dark red to purple fabric with rare white and black inclusions	Bw 1
Bw	2	Hard, fine brick red fabric with occasional fine white inclusions and rare spherical ferrous rock fragments. Fabric can have moderate elongated voids	Bw3
Bw	3	May be same fabric as Bw 1 and 2 but is lighter in colour and has an increased amount of sub-angular to rounded white inclusions	Bw2
Bw	4	Very similar to Bw2, but has more frequent small white rounded inclusions up to 0.5mm in diameter and less frequent small elongated voids	Bw4
Bw	5	Very homogenous, dense fine purple fabric with rare sub-angular to sub-rounded rock fragments up to 8.5mm diameter, although more usually up to 2.0mm diameter	Bw5
Bw	6	Hard, dense dark red fabric with frequent quartz sand up to 0.5mm in diameter	Bw6
Bw	7	Brick red to purple fabric with moderate crystalline quartz and moderate rounded off-white inclusions up to 0.6mm in diameter	Bw7
Cw		Subgroup fabrics correspond to those used for blackware	

Fabric	Subgroup	Description	Fabric type in original Pontefract report (Cumberpatch 2002)
GRE		Bright red, sandy fabric imported from the Netherlands	-
HamBw		Distinctive fine, hard white fabric with micaceous inclusions. Described in depth by Pearce (2007)	Border ware
Mart	1	Semi-vitrified off-white fabric (Hurst *et al.* 1986, 103)	-
Mart	2	Semi-vitrified, red fabric, reduced to dark brown on interior	-
Mart	3	Semi-vitrified, oxidised bright orange red fabric	-
MP	1	Very hard orange red to dark red fabric with frequent quartz grit	MPG2
MP	2	Very fine, hard dark buff pink to grey reduced fabric with rare rounded red and white inclusions up to 0.5mm diameter	MPG1
MP	3	Very hard, brick red fabric with white clay streaks and rounded white clay inclusions up to 1.0mm diameter. Also contains moderate angular crystalline quartz up to 0.5mm	MPG4
PMSw	1	Hard dark grey pink, sandy fabric with reduced outer surface. Contains moderate rounded red inclusions up to 0.5mm in diameter and occasional angular white inclusions up to 3.0mm in length	PMSw2
PMSw	2	Hard, semi-vitrified buff pink fabric with reduced core. Very rare quartz inclusions up to 1.5mm in diameter	PMSw4
PMSw	3	Buff pink fabric with occasional rounded red inclusions up to 0.5mm diameter. Also includes rare grey and white platey inclusions over 5mm in length. Glaze highly variable from green to orange and is similar to late Humberware	PMSw
RSw	Fre	Hard, semi-vitrified purple grey fabric. Vessels covered with a mottled brown salt glaze	Rhenish stoneware
RSw	Rae	Hard, semi-vitrified grey fabric. Vessels often covered with a light grey glaze with brown patches (Hurst *et al.* 1986, 194)	Rhenish stoneware
RSw	Langewehe	Hard, dark grey fabric with matt purple glaze (Hurst *et al.* 1986, 186)	Rhenish stoneware
RSw	Westerwald	Hard, light grey fabric with mid blue grey salt glaze and blue cobalt decoration (Hurst *et al.* 1986, 221-222)	Rhenish stoneware
Rw	1	Soft, orange red fabric with occasional white clay streaks and small red and white inclusions	Rw3
Rw	2	Hard, dense brick red fabric with fine sandy texture. Contains moderate white clay swirls and flecking and occasional small black inclusions up to 1.0mm in diameter	Rw1
Rw	3	Hard, orange pink fabric with occasional fine white inclusions. Unslipped	Rw4
Rw	4	Homogenous, hard, dense buff pink fabric with occasional white clay streaks and pellets less than 0.2mm diameter	Rw5
Rw	5	Moderately soft pink fabric with rare rounded inclusions up to 0.3mm in diameter and black inclusions up to 0.6mm in diameter	Rw2
Slip	1	Hard, fine buff pink fabric with moderate rounded voids and rare rounded white inclusions up to 0.5mm in diameter	Slip1
Slip	2	Hard, fine buff pink fabric with rare rounded voids. Also contains rare rounded white inclusions up to 0.5mm in diameter and subrounded black and white grit inclusions up to 2mm in diameter	Slip2
TGE		White or pale pink fabric with predominantly white tin glaze which is English or Dutch in origin	TGE
TGE	MangMottled	Off white fabric glazed white with purple manganese mottles on exterior. A London product (Garner and Archer 1972, 6)	TGE
YGCw	1	Rw2 fabric with white slip, producing a yellow glaze	Yw/Rw1
YGCw	2	Rw1 fabric with white slip, producing a yellow glaze	Rw3
Yw	1	Hard buff to light pink fabric with occasional pink clay smears and swirls. Rare platy shale inclusions. Most vessels are slipped	Yw1 and Yw5

Fabric	Subgroup	Description	Fabric type in original Pontefract report (Cumberpatch 2002)
Yw	2	Cream fabric with a chalky texture and occasional white and red inclusions	Yw2
Yw	3	Homogenous off-white fabric with occasional white and red inclusions	Yw3
Yw	4	Dusky pink fabric with moderate light yellow clay streaks and occasional rounded black and white grit inclusions up to 0.5mm diameter	Yw4
Yw	5	Light dusky pink fabric with elongated voids, occasional white clay streaks and rare small white grit inclusions up to1.5mm in diameter	Yw8
Yw	6	Buff fabric similar to a saggar fabric and often with a reduced core. Frequent large, black platy inclusions up to 8.2mm in length, although distribution through fabric can sometimes, be localised. Glaze, where present, is light yellow to green although the majority of vessels are only patchily glazed. Where unglazed, can be referred to as 17th century coarseware (e.g. Cumberpatch 2002, 189)	Yw10/ 17th-century coarseware
Yw	7	Hard, moderately sandy mid dusky pink fabric with moderate white clay streaks and rare quartz grains up to 0.2mm in diameter	Yw6

Important medieval fabrics

Fabric	Subgroup	Description	Fabric type in original Pontefract report (Cumberpatch 2002)
Beauvais		A light grey stoneware with few inclusions which was produced in Northern France. Although identified as Beauvais within the original report (Cumberpatch 2002, 194), the fabric is extremely fine and vessels share similarities with Rhenish stoneware manufactured in Siegburg (Young and Vince 2005, 180)	Beauvais
Gritty		Moderately coarse, oxidised pink fabric with moderate large white clay patches. As the name suggests, the fabric contains frequent dark and white grit and crystalline quartz up to 0.9mm diameter	Ogw
Hw		Very fine, pink red fabric with occasional very small mica inclusions.	Hw
Hw	Cwk	A particularly fine fabric with hard reduced grey core and which may have red, oxidised surfaces. Also contains occasional very small sand inclusions (Watkins 1987, 98)	Hw- Cwk
Hw	Late	Hard fabric with rare mica and sand inclusions. Glaze varies from dark green to bright orange (Watkins 1987, 106)	Hw- Late
Hw	Sandy	Hw fabric with a higher frequency of sand inclusions	Hw-Sandy
LMOGw		Moderately soft light buff pink fabric with moderate rounded grit inclusions up to 0.5mm diameter	LMOGw

Fabric	Subgroup	Description	Fabric type in original Pontefract report (Cumberpatch 2002)
Sandy		Oxidised, orange red fabric with frequent sand inclusions. Vessels originate from a number of kiln sites and vary in date from medieval to post-medieval (post-medieval vessels noted within analysis)	Osw/LMSw/PMSw
Skipton-on-Swale		Fine, sandy, red to light brown fabric which is unglazed (Moorhouse 1983a, 91)	Skipton
SYGa		Moderately coarse, semi-reduced buff to mid grey fabric, sometimes with slight oxidised light orange pink to buff inner surface. Contains frequent black rounded grit inclusions up to 1.8mm diameter, although more usually up to 0.8mm. Often has a metallic purple glaze	SYGa
SYGb		Moderately coarse semi-reduced light grey fabric with oxidised, light buff exterior. Frequent rounded white grit inclusions up to 0.7mm in diameter and rare rounded black grit inclusions up to 0.5mm in diameter	SYGb

Illustrated Vessels

Note: All illustrated vessels are depicted at 1:2 scale unless stated otherwise. Photographed vessels are depicted at a separate scale as indicated by an accompanying scale with 1cm increments. Particularly complex decoration has not been drawn but these vessels are accompanied by photographs. Full details of the illustrated items can be found in the relevant appendices of ceramic analysis (appendix 2 for Eccleshall, 3 for Sandal and 4 for Pontefract).

Eccleshall illustrated vessels

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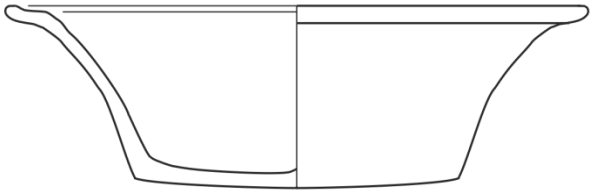

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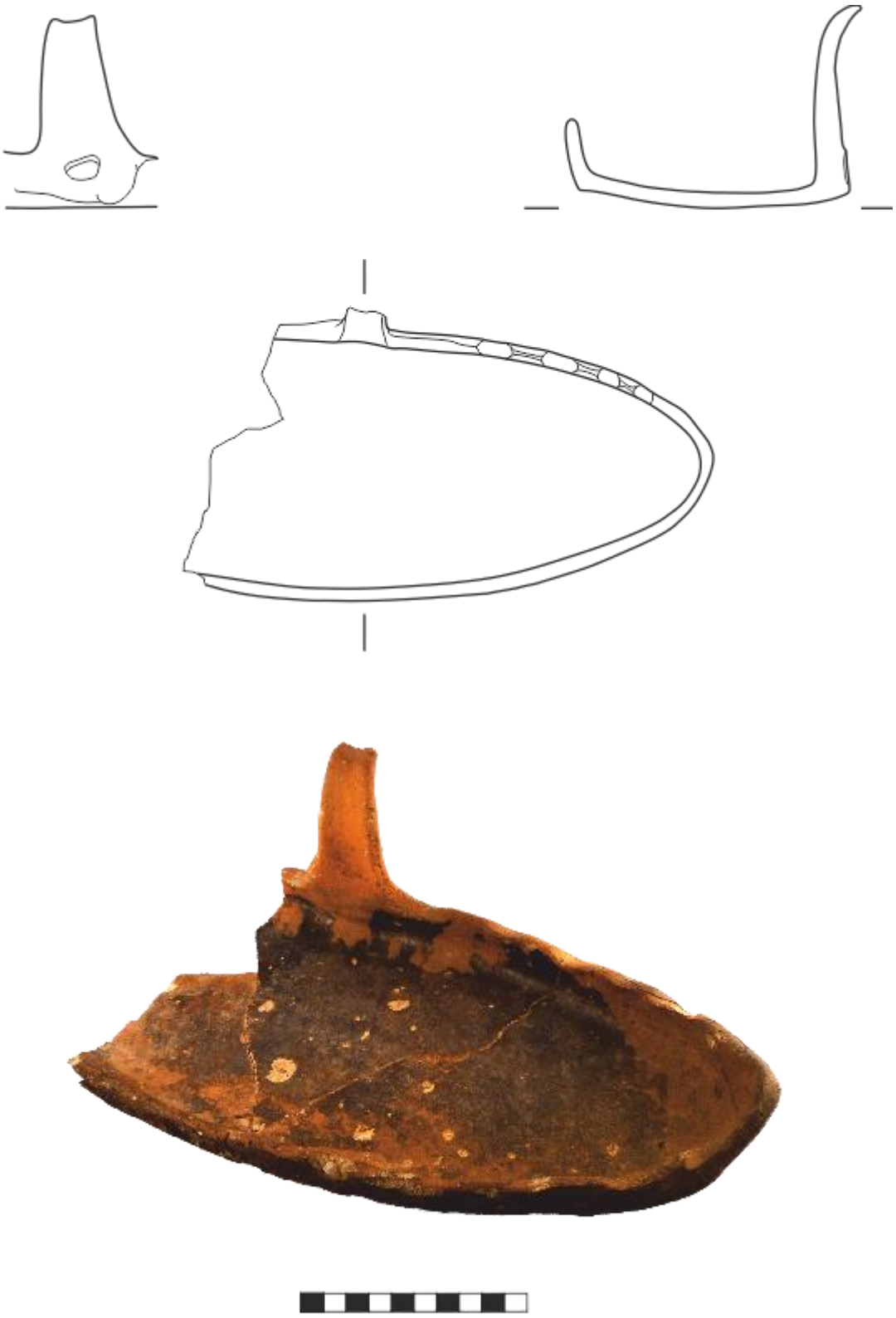

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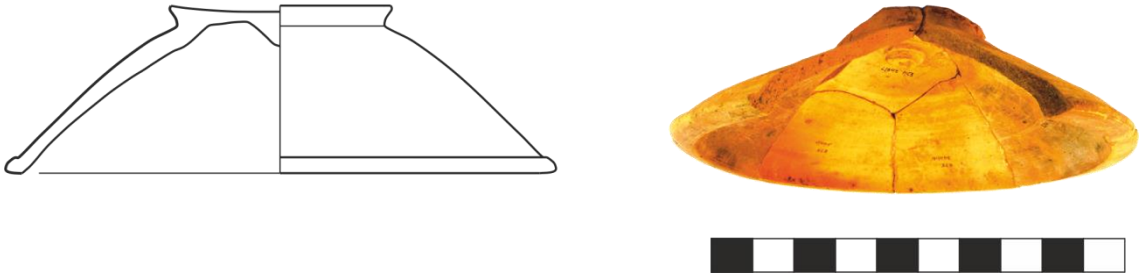

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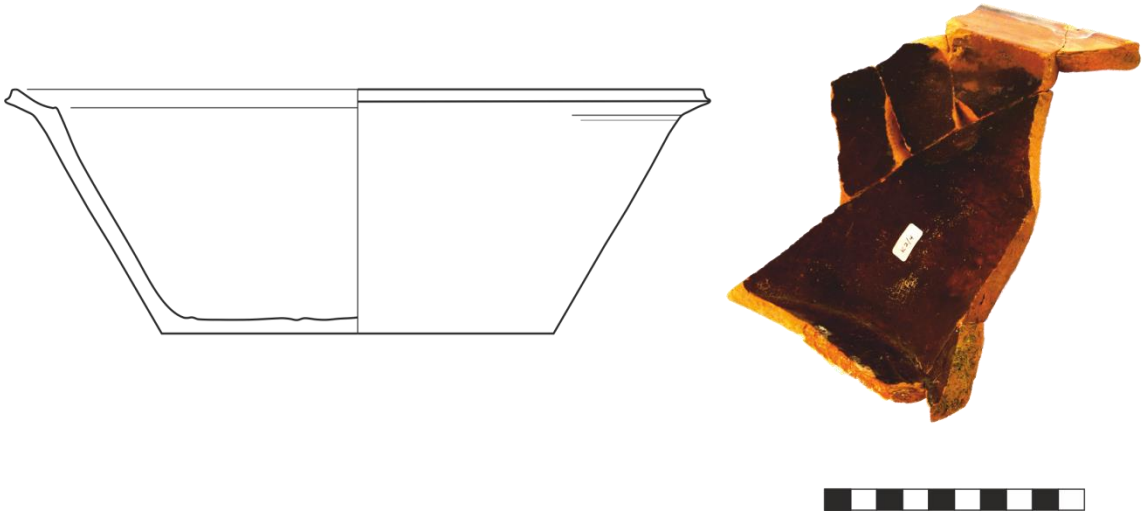

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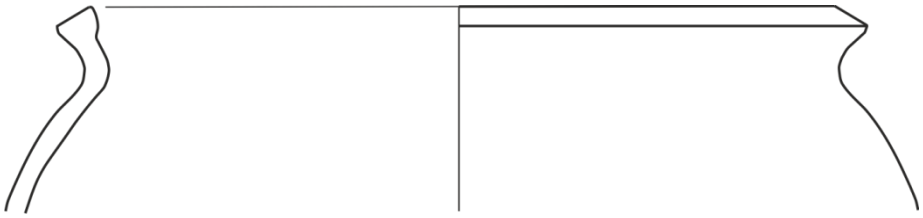

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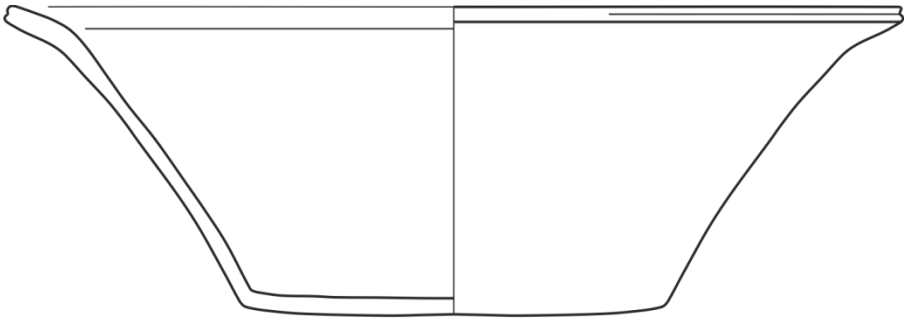

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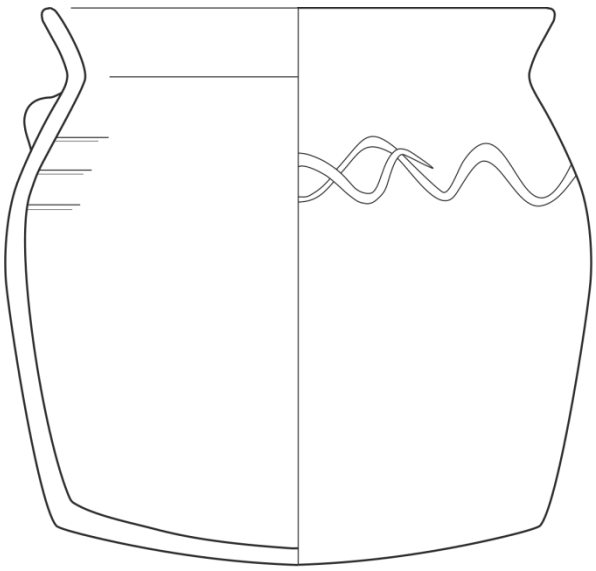

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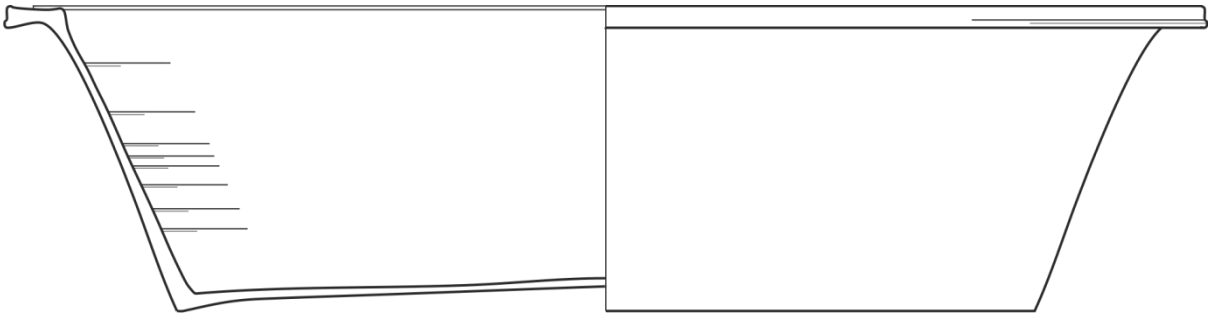

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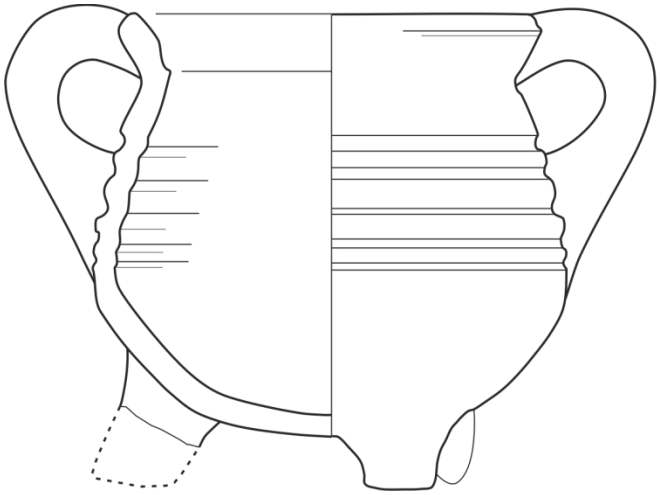

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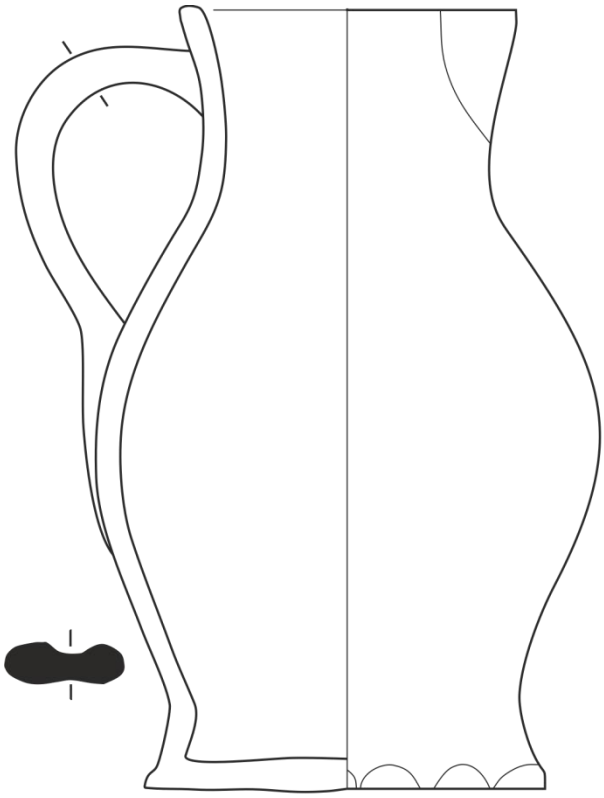

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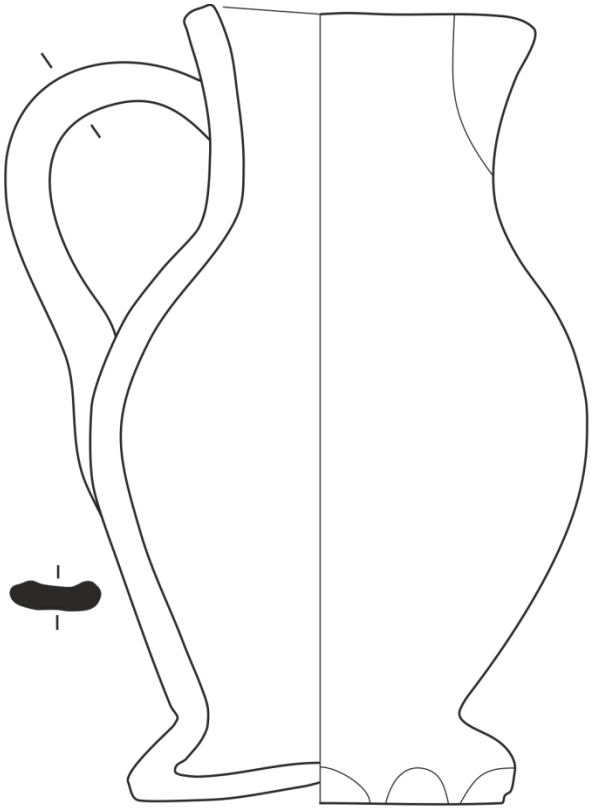

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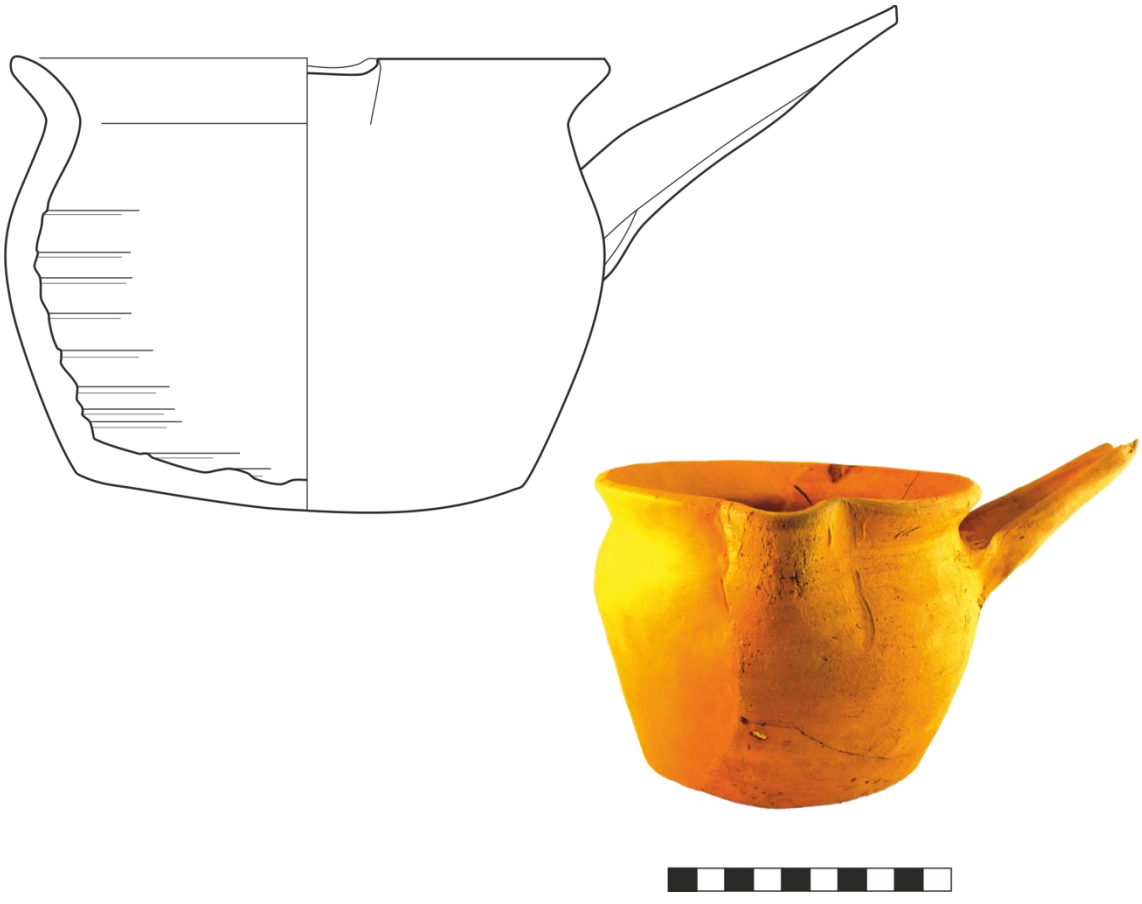

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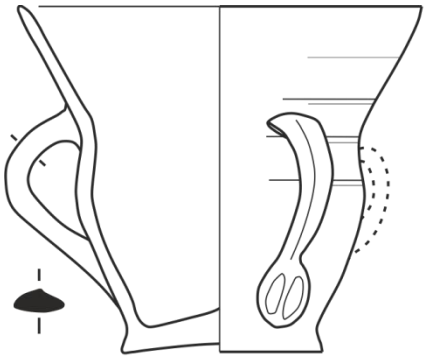

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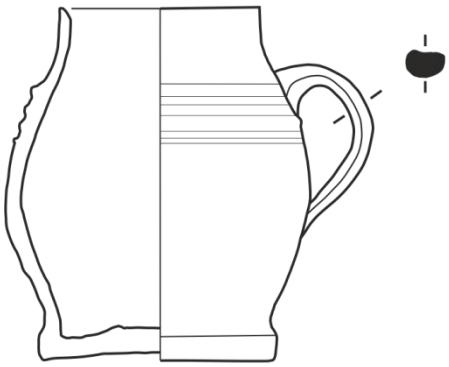

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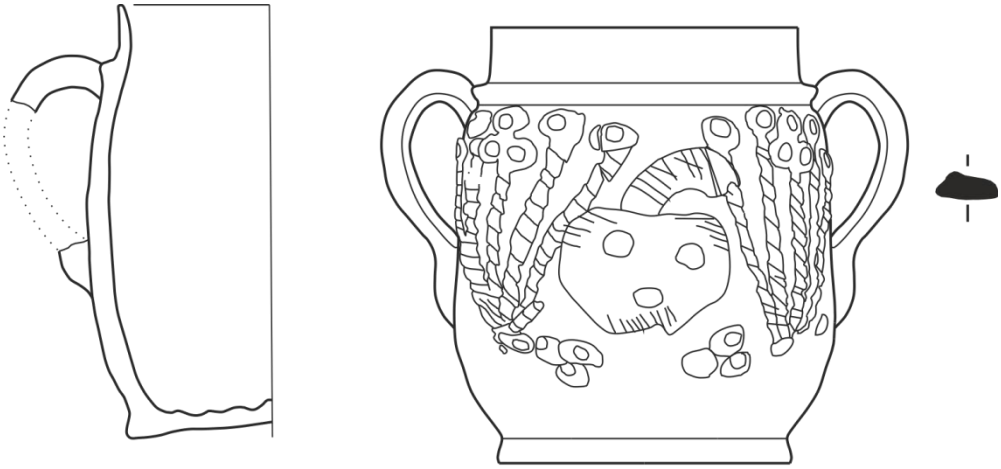
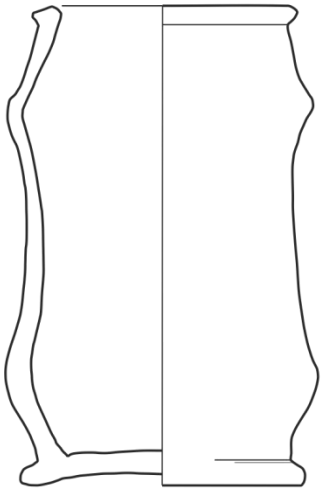


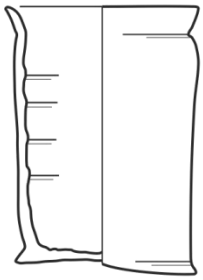
ECC193 (see photograph for decoration)



ECC194 (see photographs for decoration)

ECC195

ECC196



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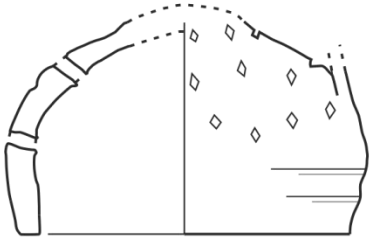
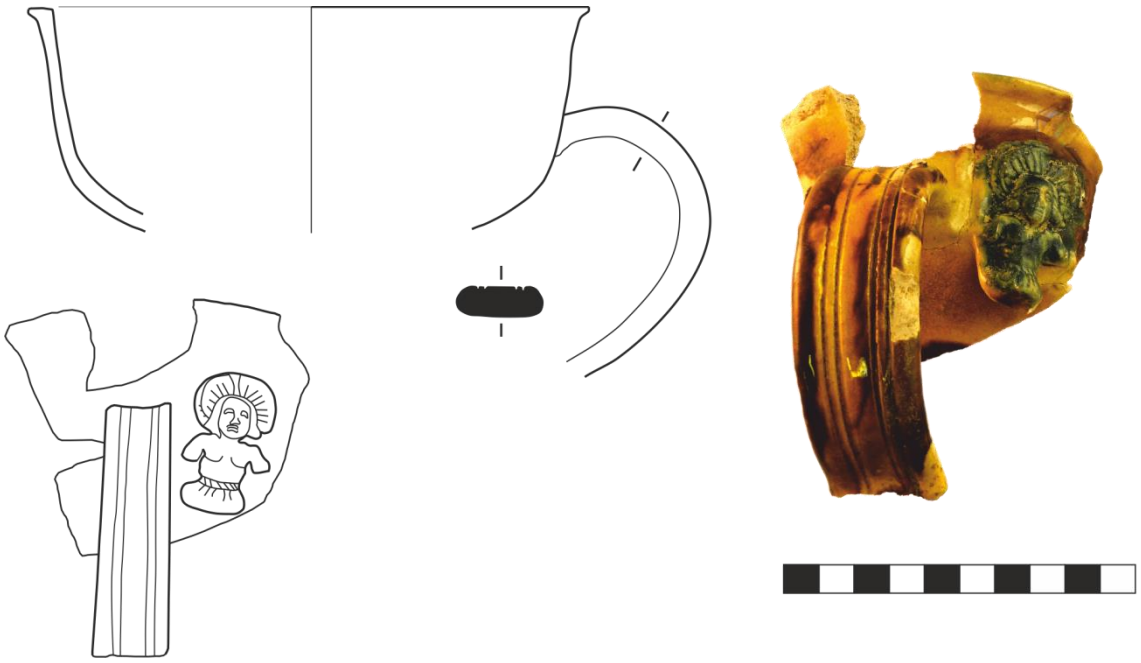


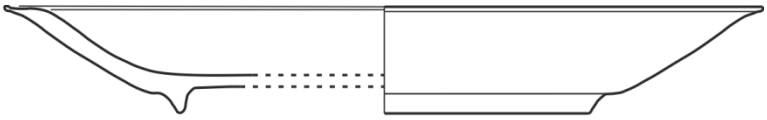
ECC198

ECC199

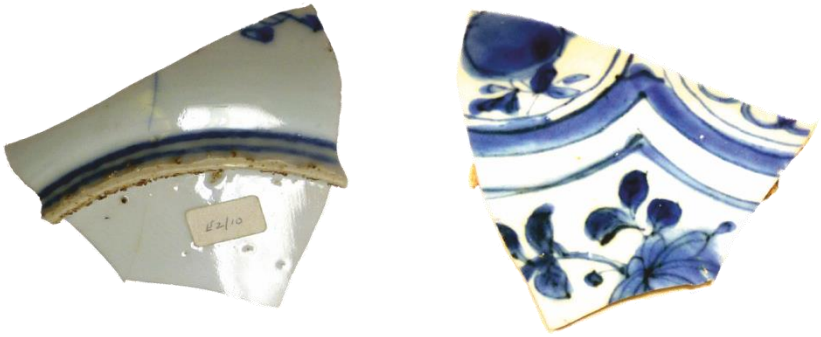


ECC200 (see photographs for decoration)

ECC201 (see photographs for decoration)



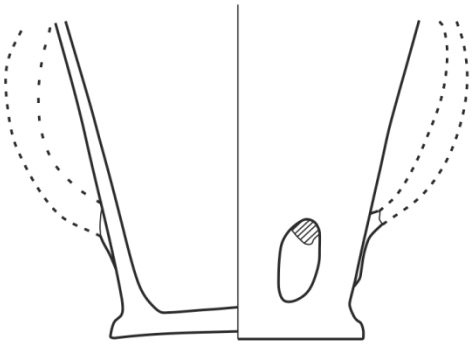
ECC202 (see photographs for decoration)



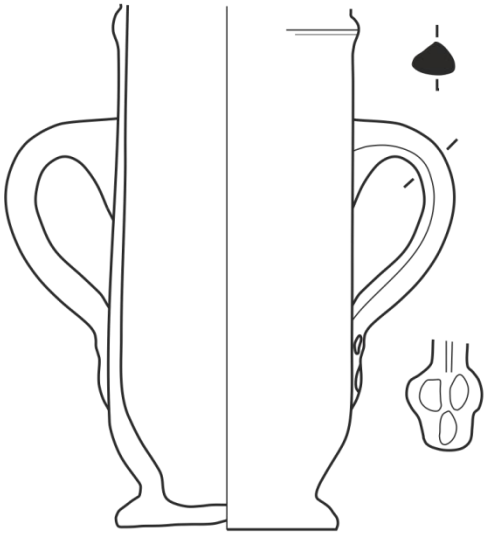
ECC216

Sandal illustrated vessels

SAND1



SAND2



SAND3

SAND4

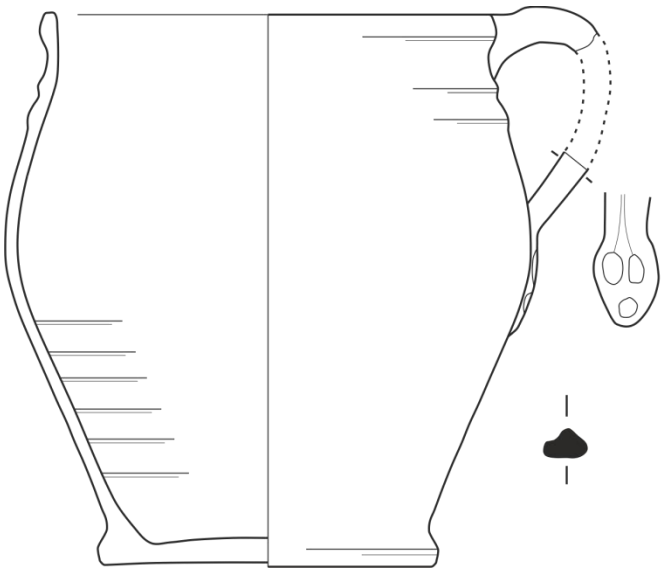
SAND7

SAND134

SAND159

SAND173

SAND179



SAND311

SAND465

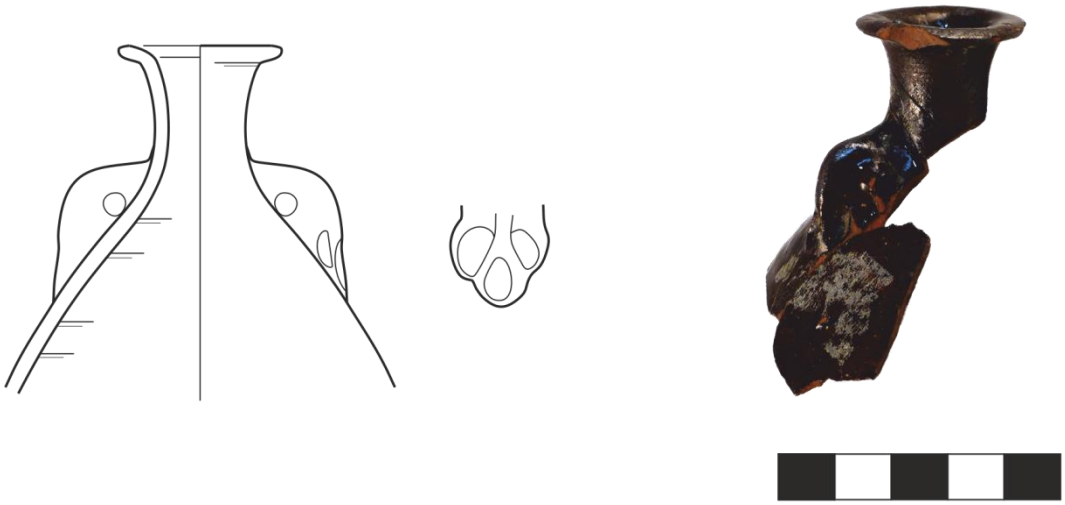
SAND647

SAND675

SAND757

SAND768

SAND806

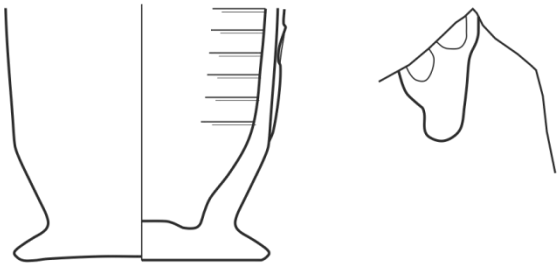


SAND807

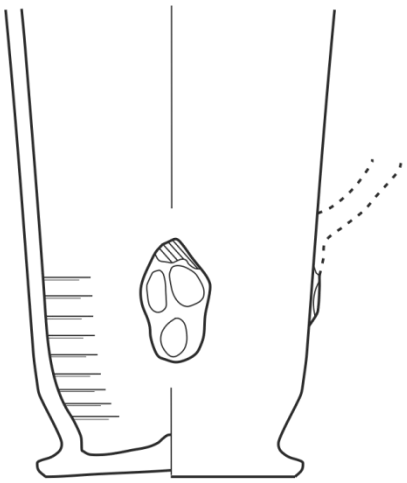
SAND808

SAND809

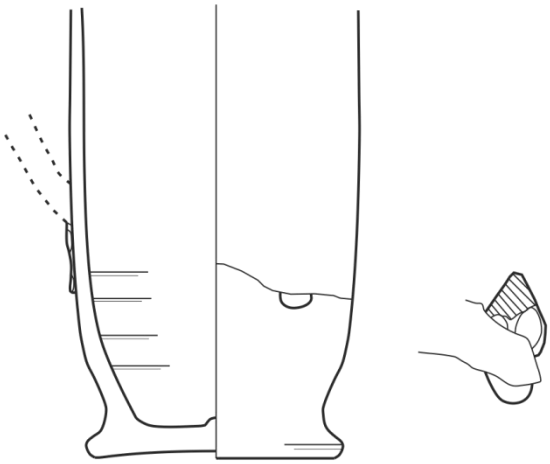
SAND810



SAND817



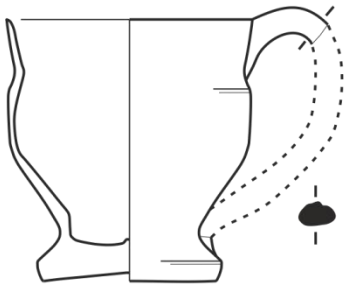
SAND844



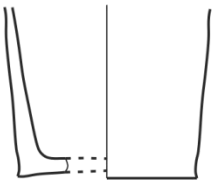
SAND895

SAND917

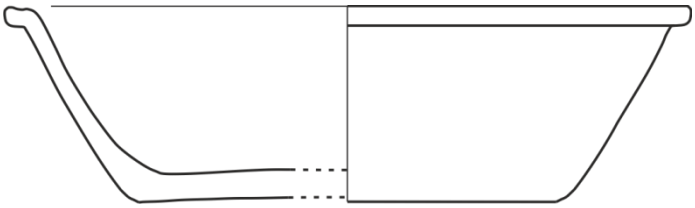
SAND985



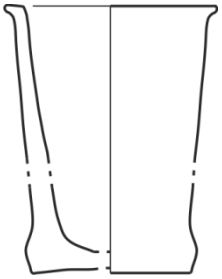
SAND 1013



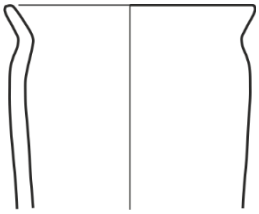
SAND1041 (scale 1:4)



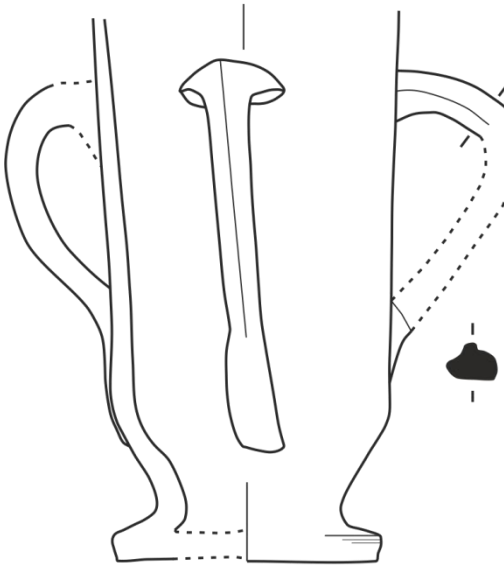
SAND1073



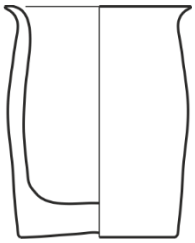
SAND1074



SAND1084

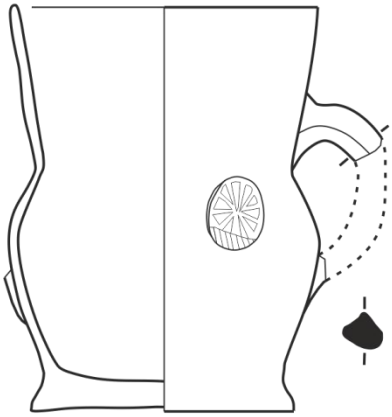


SAND1097

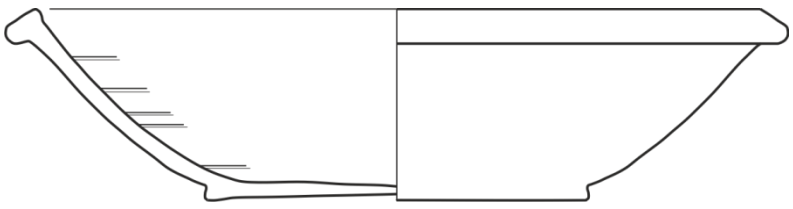


SAND1188

SAND1313

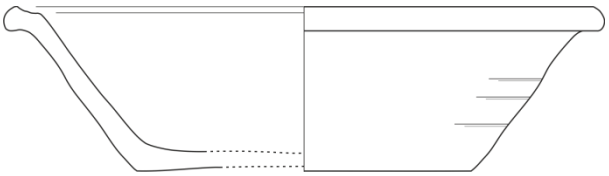


SAND1426 (scale 1:4)

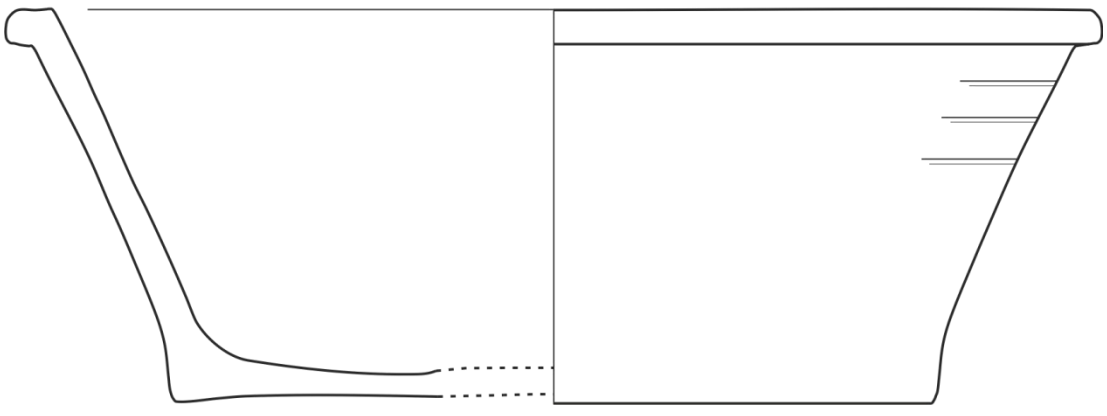


SAND1429

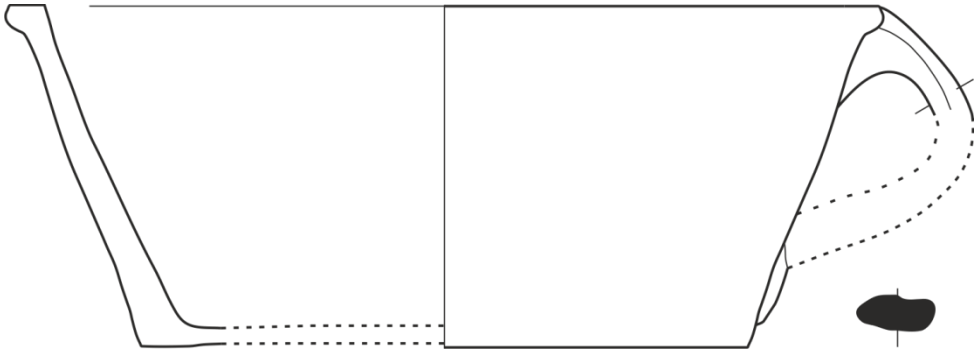
SAND1441 (scale 1:4)



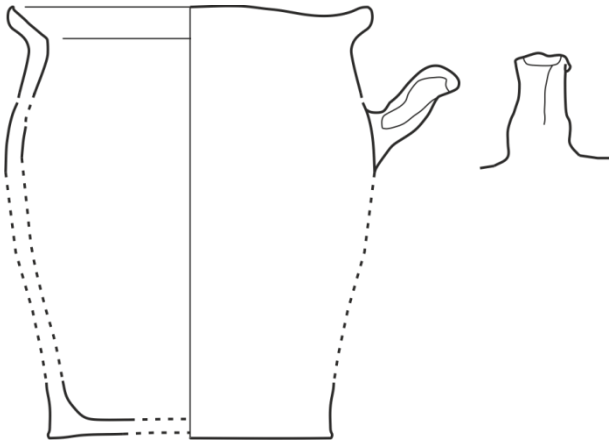
SAND1445



SAND1448



SAND1450 (scale 1:4)



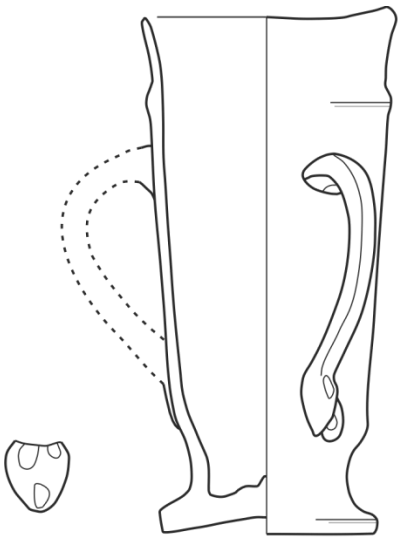
SAND1531

SAND1579

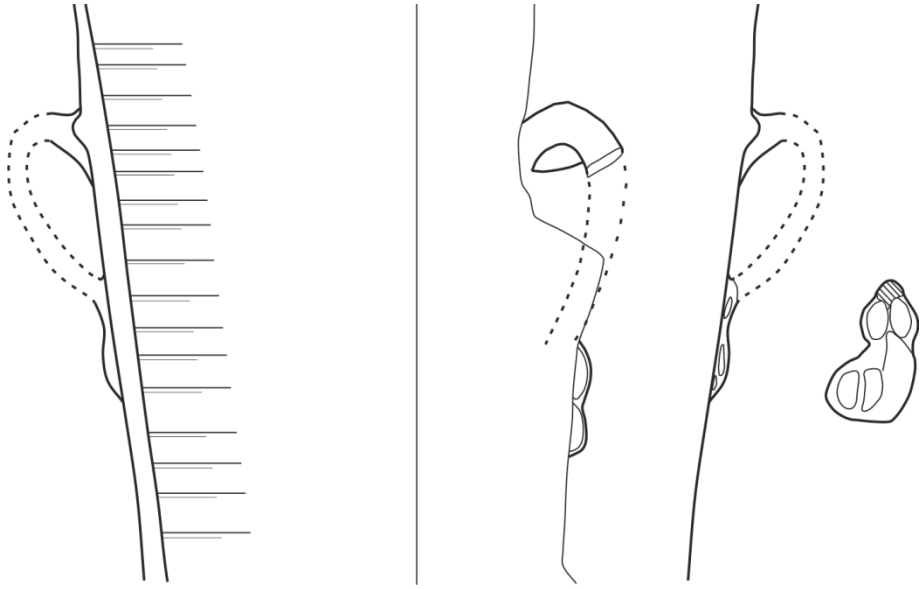
SAND1580

SAND1581

SAND1582



SAND1583

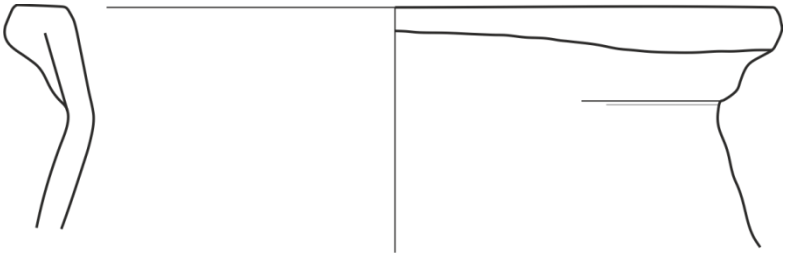


SAND1584

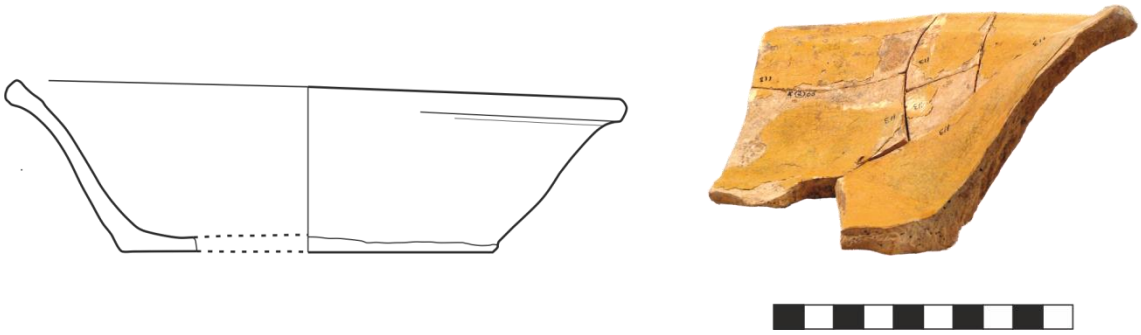
SAND1586

SAND1587

SAND1591



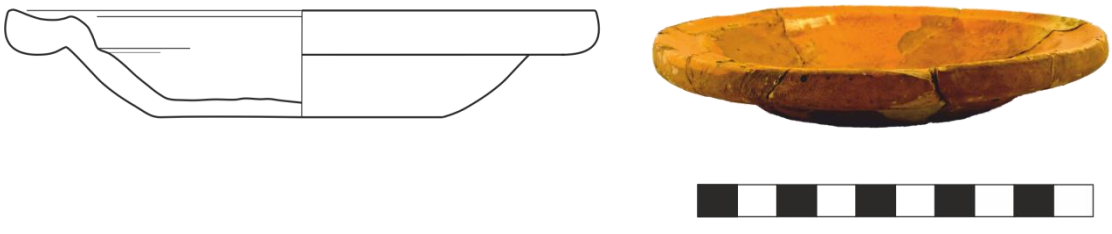
SAND1592 (scale of drawing 1:4)



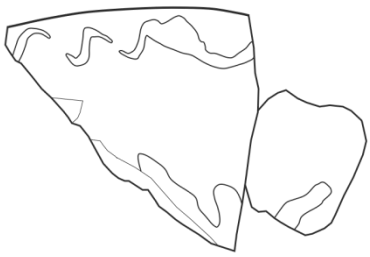
SAND1595

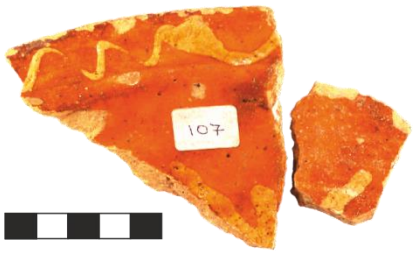
SAND1597

SAND1596



SAND1600



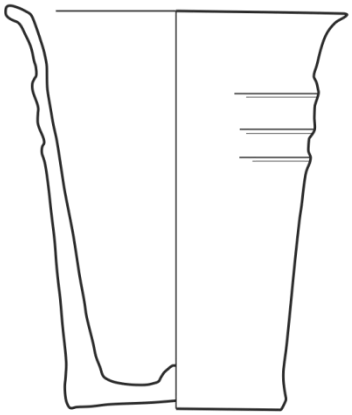


SAND1601

SAND1603

SAND1605

SAND1607



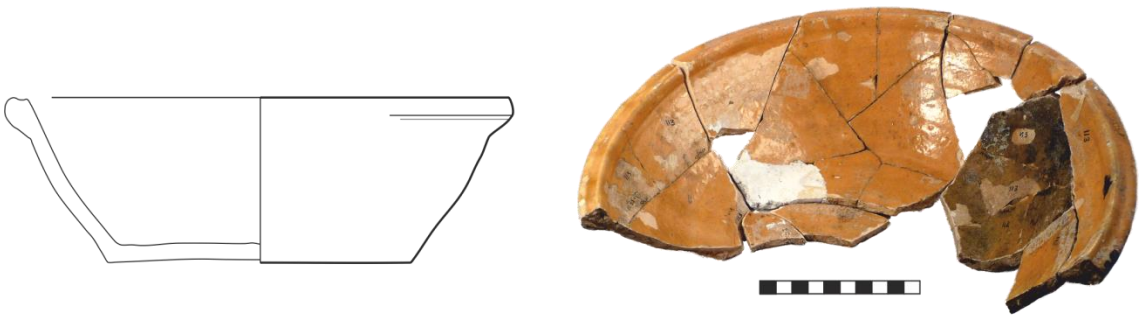
SAND1609

SAND1610

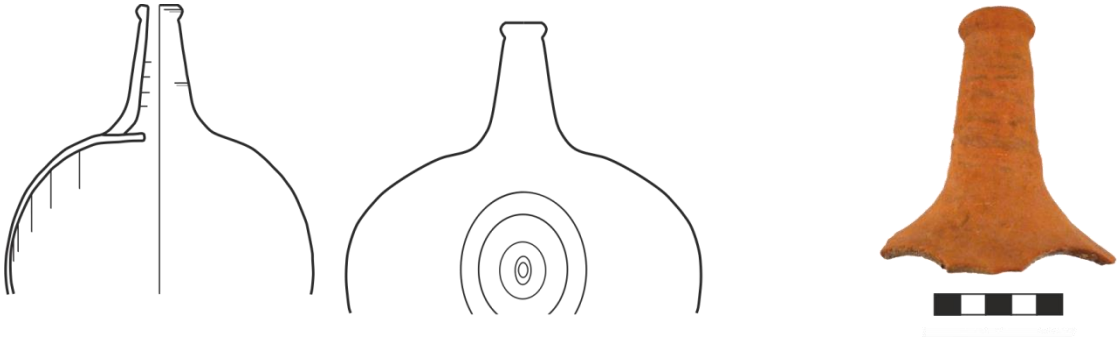
SAND1612

SAND1613 (scale of drawing 1:4)

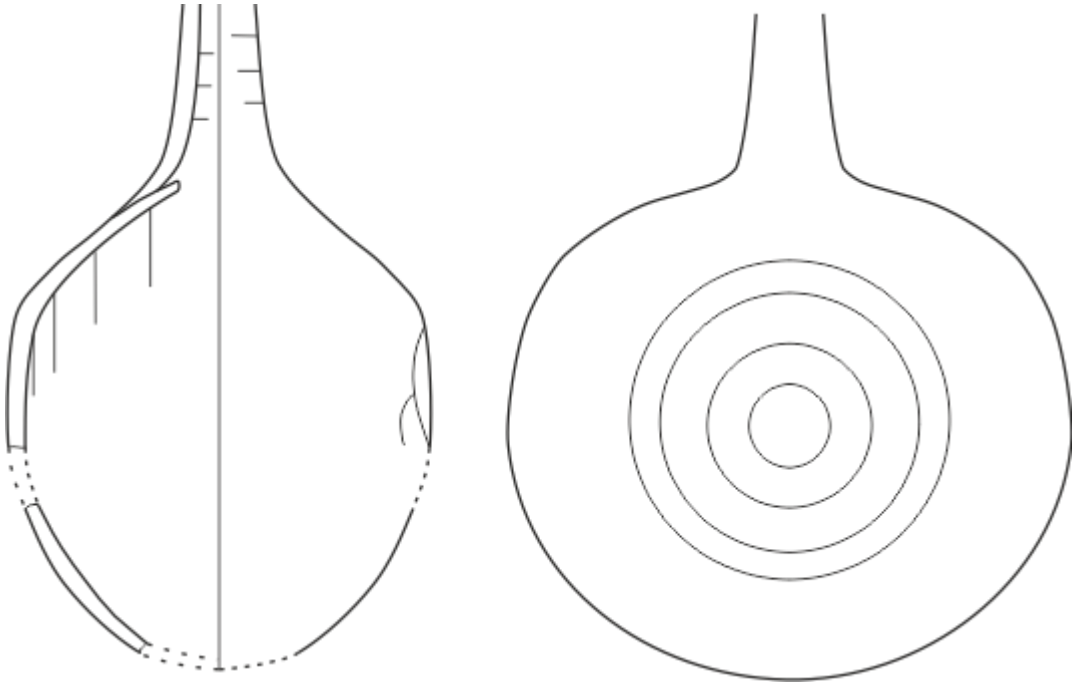
SAND1615



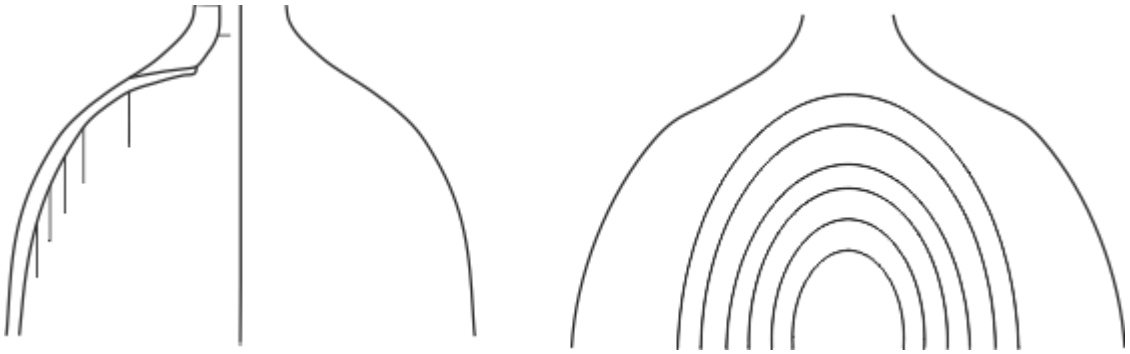
SAND1616 (scale of drawing 1:4)



SAND1617



SAND1618



SAND1625

SAND1626

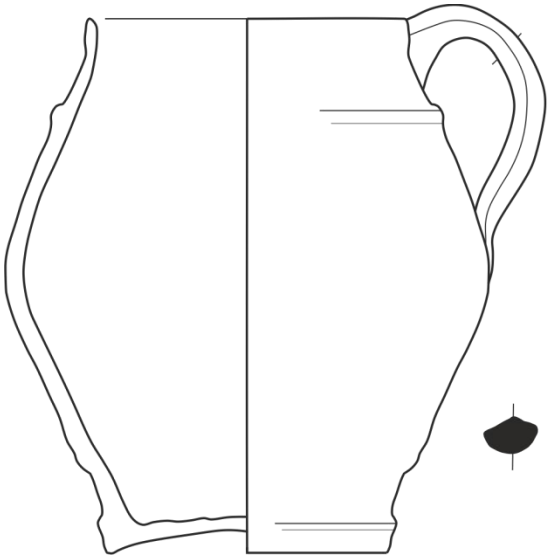
SAND1627

SAND1628

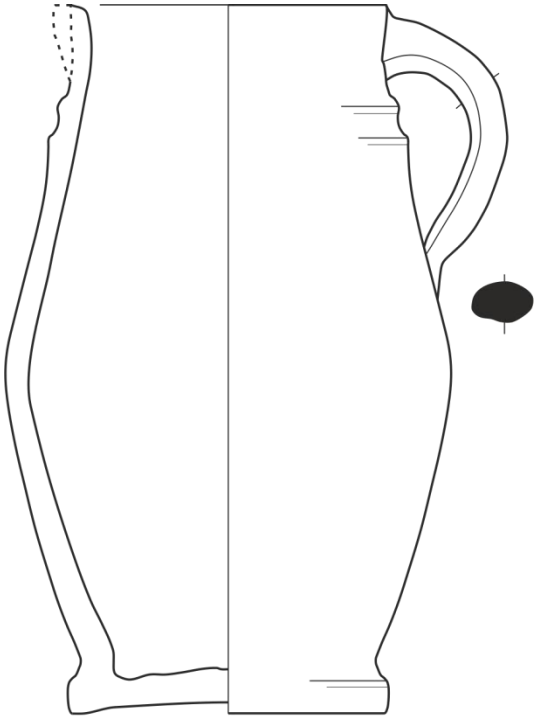
SAND1629

SAND1709

SAND1710



SAND1711

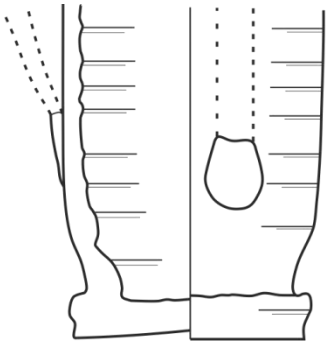


SAND1712

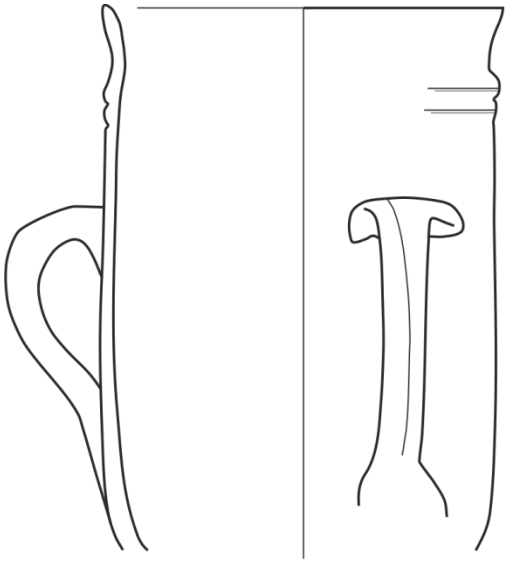
SAND1713

Pontefract illustrated vessels

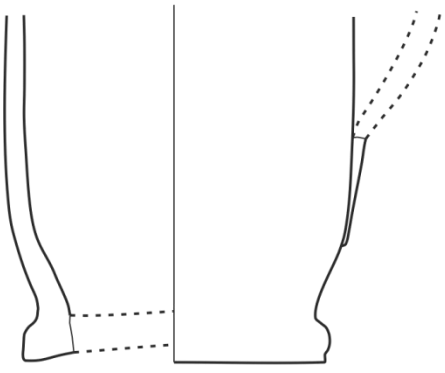
PONT1



PONT2



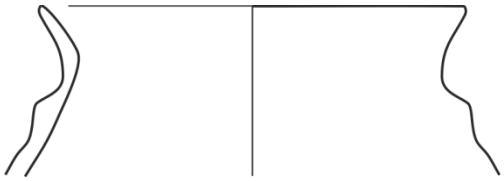
PONT3



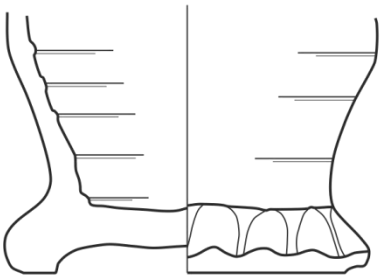
PONT6

PONT56

PONT12



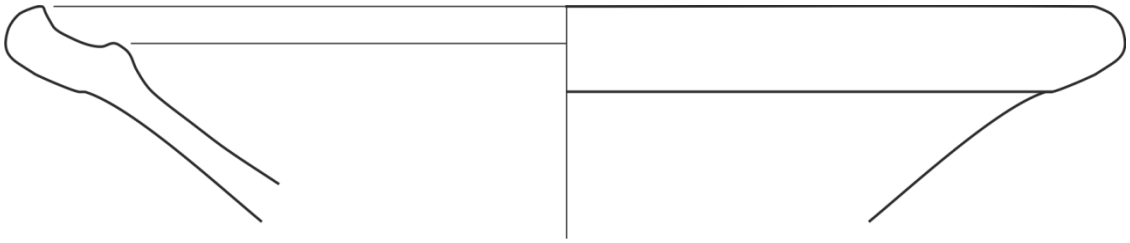
PONT77



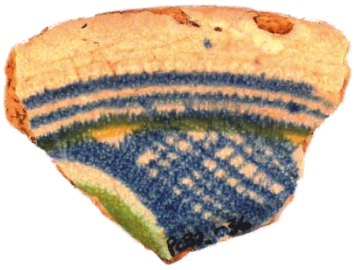
PONT105

PONT193

PONT142

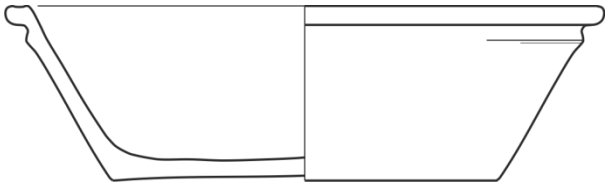


PONT274

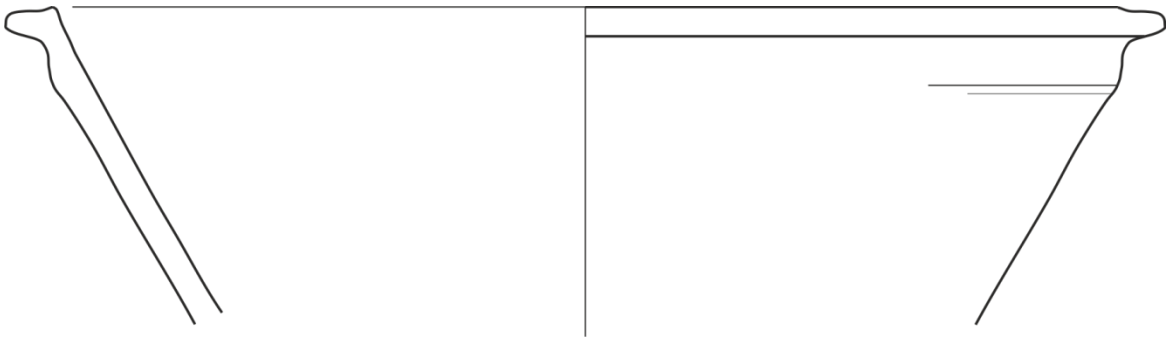


PONT275

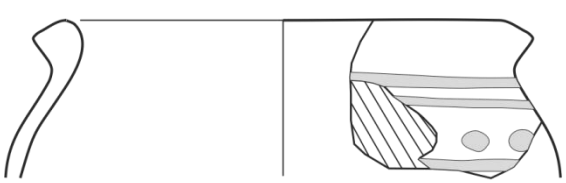
PONT326 (scale 1:4)



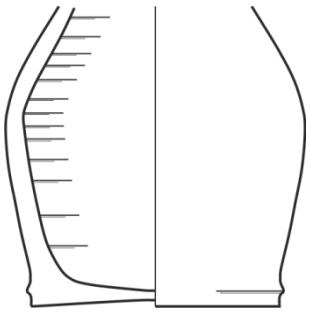
PONT327



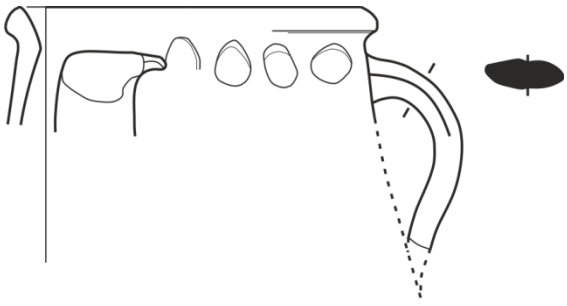
PONT344



PONT386 (scale 1:4)



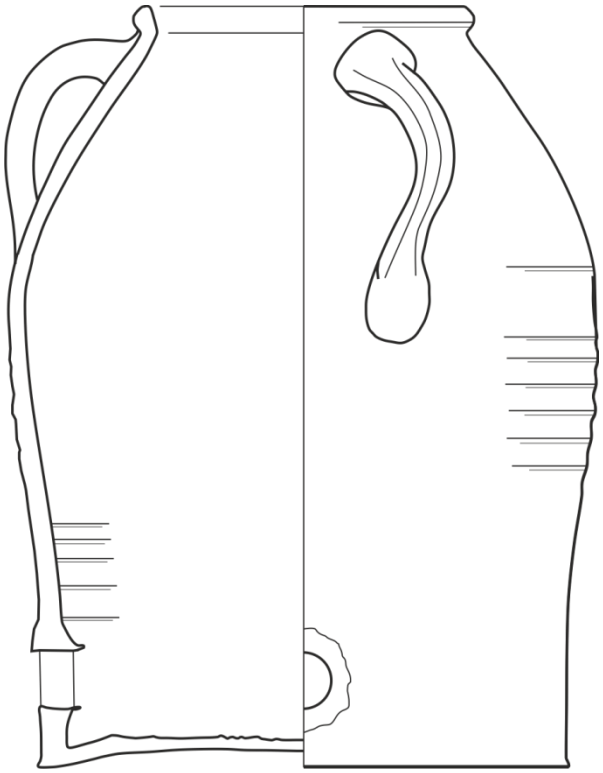
PONT607



PONT698

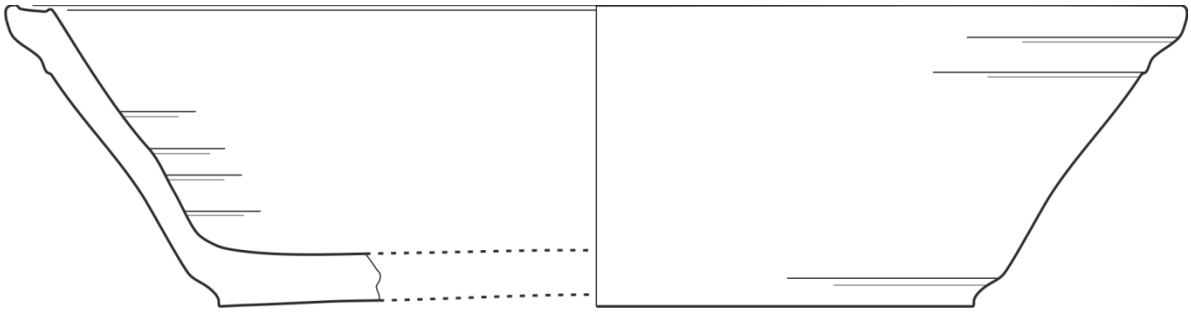
PONT723

PONT735

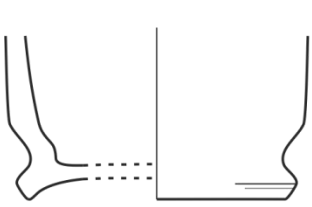


PONT788

PONT790



PONT1132



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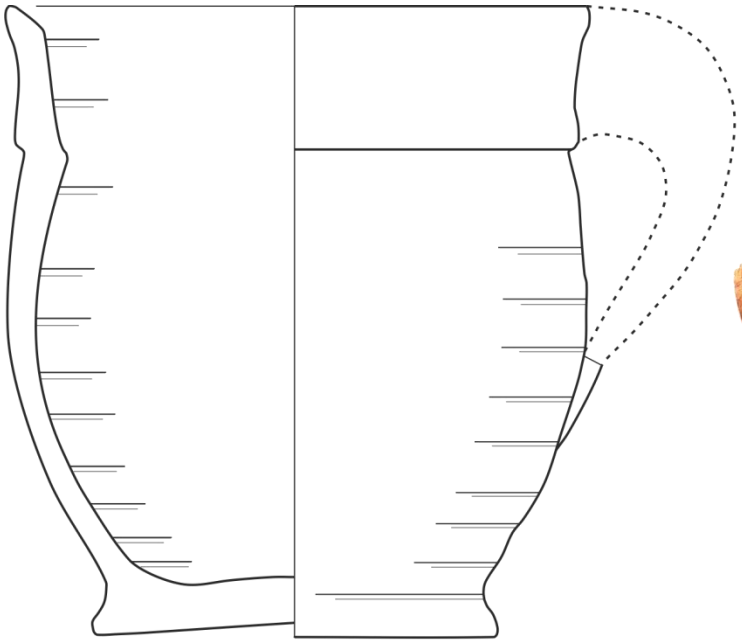


PONT1190

PONT1363

PONT1366

PONT1367

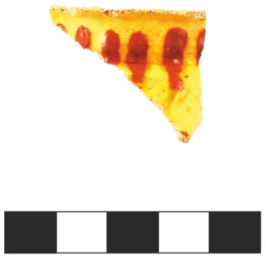
PONT1373

PONT1405

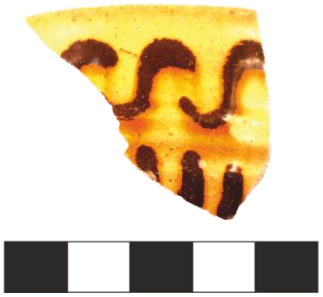
PONT1434

PONT1465

PONT1467



PONT1469



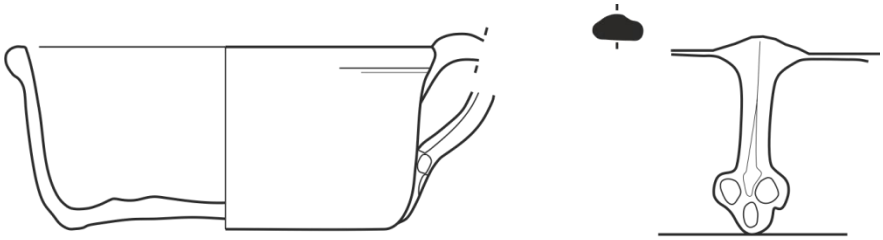
PONT1472

PONT1473

PONT1476

PONT1477

PONT1479



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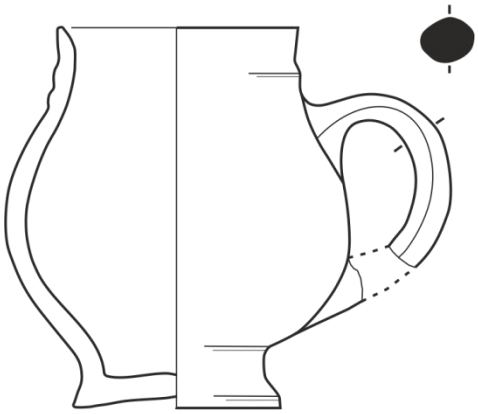

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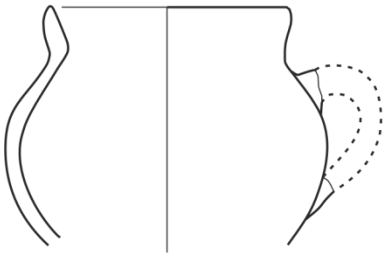

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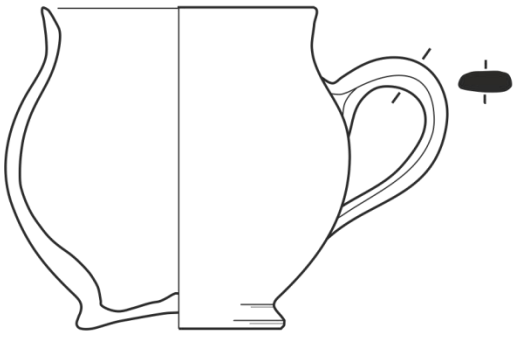

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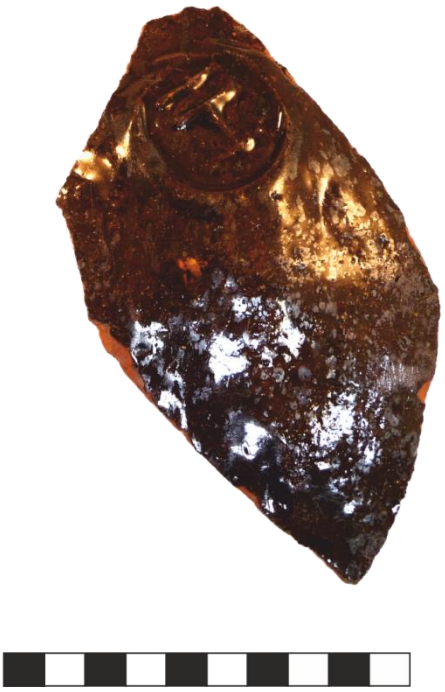

PONT1568

PONT1570

PONT1571